

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
 Data File : VX011922.D
 Acq On : 30 Aug 2019 23:04
 Operator : SY/SP
 Sample : VX0830SBS03
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS02

Quant Time: Aug 31 02:38:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	317681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	457749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	436638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	259464	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	163338	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
35) Dibromofluoromethane	5.48	113	151523	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	8.71	98	542847	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.14	95	226104	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.19	85	39781	20.748	ug/l	99
3) Chloromethane	1.31	50	45126	20.302	ug/l	100
4) Vinyl Chloride	1.39	62	42111	19.841	ug/l	98
5) Bromomethane	1.62	94	31199	21.245	ug/l	97
6) Chloroethane	1.70	64	27097	20.513	ug/l	94
7) Trichlorofluoromethane	1.91	101	72156	19.575	ug/l	100
8) Diethyl Ether	2.17	74	26160	20.651	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46031	19.161	ug/l	99
10) Methyl Iodide	2.50	142	40439	17.960	ug/l	99
11) Tert butyl alcohol	3.03	59	32451	110.821	ug/l	98
12) 1,1-Dichloroethene	2.36	96	43562	19.524	ug/l	96
13) Acrolein	2.28	56	14739	101.129	ug/l	99
14) Allyl chloride	2.71	41	85040	20.318	ug/l	100
15) Acrylonitrile	3.12	53	73561	105.718	ug/l	99
16) Acetone	2.43	43	62933	96.099	ug/l	99
17) Carbon Disulfide	2.55	76	116971	18.277	ug/l	100
18) Methyl Acetate	2.76	43	41945	23.138	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	152779	21.136	ug/l	99
20) Methylene Chloride	2.84	84	60927	18.733	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	52850	20.108	ug/l	96
22) Diisopropyl ether	3.84	45	179486	21.006	ug/l	97
23) Vinyl Acetate	3.80	43	558262	101.623	ug/l	100
24) 1,1-Dichloroethane	3.68	63	97984	20.795	ug/l	99
25) 2-Butanone	4.65	43	96755	101.441	ug/l	97
26) 2,2-Dichloropropane	4.56	77	77702	19.662	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	65877	21.279	ug/l	98
28) Bromochloromethane	4.99	49	43427	20.540	ug/l	97
29) Tetrahydrofuran	5.11	42	62813	105.510	ug/l	99
30) Chloroform	5.19	83	107640	21.365	ug/l	100
31) Cyclohexane	5.56	56	71661	18.856	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	92699	20.714	ug/l	99
36) 1,1-Dichloropropene	5.78	75	69058	19.043	ug/l	100
37) Ethyl Acetate	4.81	43	42455	19.777	ug/l	100
38) Carbon Tetrachloride	5.77	117	81712	19.428	ug/l	98

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 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS02

Quant Time: Aug 31 02:38:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	79238	18.344	ug/l	97
40) Benzene	6.13	78	217684	20.110	ug/l	100
41) Methacrylonitrile	5.02	41	25535	20.203	ug/l	99
42) 1,2-Dichloroethane	6.18	62	77189	20.968	ug/l	100
43) Isopropyl Acetate	6.43	43	87091	20.011	ug/l	98
44) Trichloroethene	7.20	130	65931	19.685	ug/l	98
45) 1,2-Dichloropropane	7.50	63	57494	20.305	ug/l	99
46) Dibromomethane	7.65	93	34632	20.609	ug/l	99
47) Bromodichloromethane	7.89	83	84795	20.349	ug/l	99
48) Methyl methacrylate	7.76	41	42267	19.960	ug/l	100
49) 1,4-Dioxane	7.73	88	13021	447.147	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	223693	101.174	ug/l	100
52) Toluene	8.78	92	144134	20.126	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	84507	19.798	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	95982	20.032	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	50925	20.700	ug/l	99
56) Ethyl methacrylate	9.17	69	66972	19.615	ug/l	99
57) 1,3-Dichloropropane	9.37	76	84072	20.589	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	168114	103.376	ug/l	99
59) 2-Hexanone	9.48	43	159540	101.583	ug/l	100
60) Dibromochloromethane	9.57	129	67302	20.369	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50224	20.591	ug/l	98
64) Tetrachloroethene	9.33	164	71433	20.338	ug/l	98
65) Chlorobenzene	10.14	112	171383	20.255	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	69766	20.389	ug/l	99
67) Ethyl Benzene	10.25	91	286550	19.909	ug/l	99
68) m/p-Xylenes	10.36	106	224001	40.305	ug/l	99
69) o-Xylene	10.70	106	110935	20.484	ug/l	98
70) Styrene	10.71	104	194120	20.336	ug/l	99
71) Bromoform	10.85	173	49657	20.524	ug/l	99
73) Isopropylbenzene	11.01	105	288020	19.320	ug/l	100
74) N-amyl acetate	10.89	43	85458	19.316	ug/l	# 92
75) 1,1,2,2-Tetrachloroethane	11.26	83	60569	19.852	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	65166	25.532	ug/l	84
77) Bromobenzene	11.25	156	86801	20.075	ug/l	100
78) n-propylbenzene	11.35	91	334784	19.803	ug/l	99
79) 2-Chlorotoluene	11.42	91	204305	20.078	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	255905	19.887	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19179	18.877	ug/l	98
82) 4-Chlorotoluene	11.51	91	246125	20.049	ug/l	100
83) tert-Butylbenzene	11.76	119	260462	19.948	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	265347	20.121	ug/l	99
85) sec-Butylbenzene	11.94	105	298321	19.670	ug/l	100
86) p-Isopropyltoluene	12.06	119	288757	19.635	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	163265	20.317	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	165620	20.388	ug/l	99
89) n-Butylbenzene	12.39	91	252840	19.433	ug/l	100
90) Hexachloroethane	12.59	117	55169	19.391	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	150067	20.087	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	12839	21.125	ug/l	99

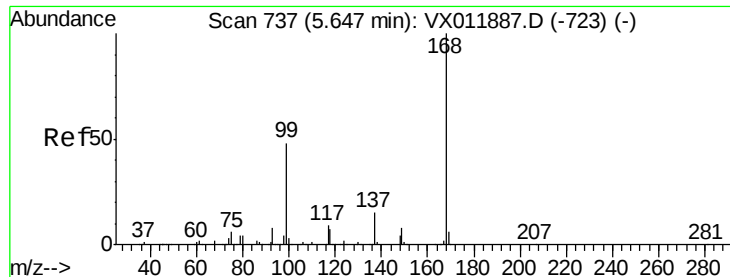
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
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Acq On : 30 Aug 2019 23:04
Operator : SY/SP
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Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS02

Quant Time: Aug 31 02:38:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	126985	20.186	ug/l	99
94) Hexachlorobutadiene	13.78	225	82140	19.552	ug/l	99
95) Naphthalene	13.83	128	219364	20.318	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117256	20.612	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

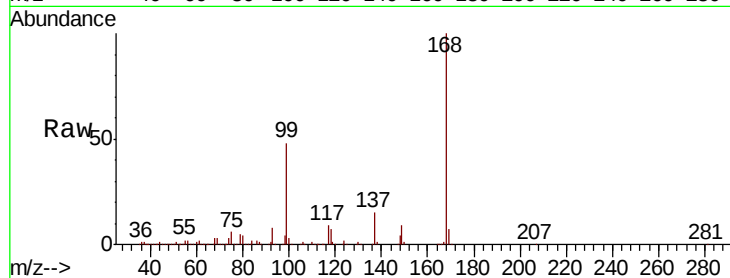
VX0830SBS02

Tgt Ion:168 Resp: 317681

Ion Ratio Lower Upper

168 100

99 47.3 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

60000

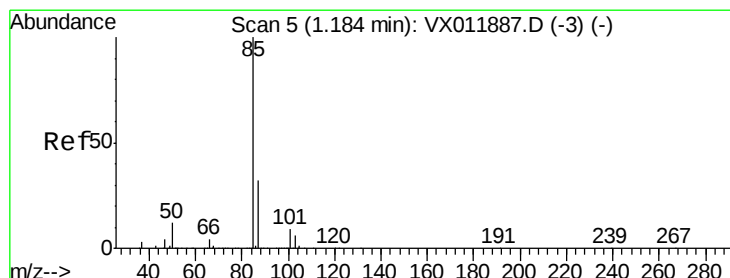
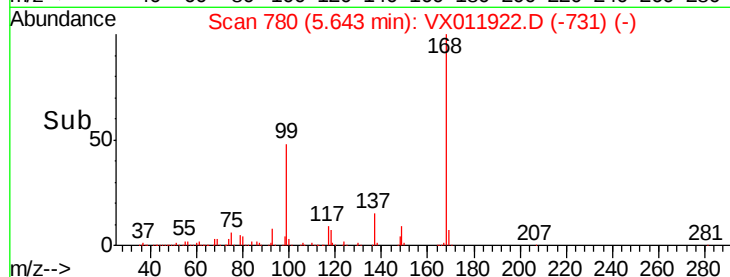
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.748 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX011922.D

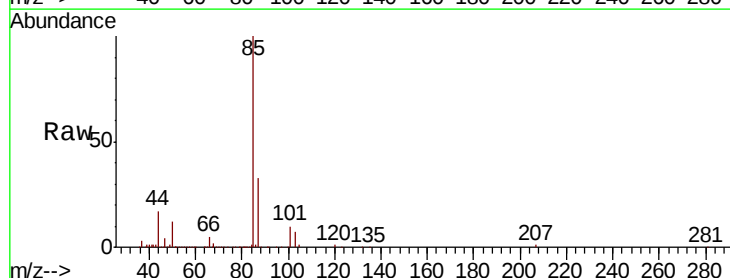
Acq: 30 Aug 2019 23:04

Tgt Ion: 85 Resp: 39781

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

30000

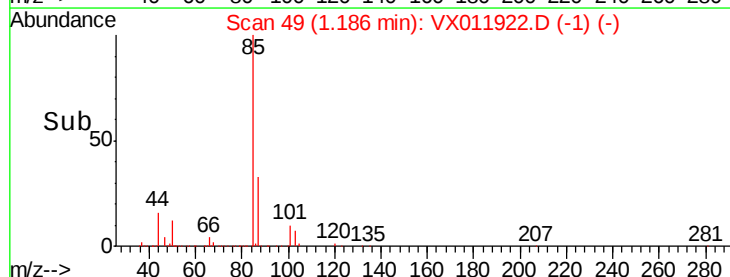
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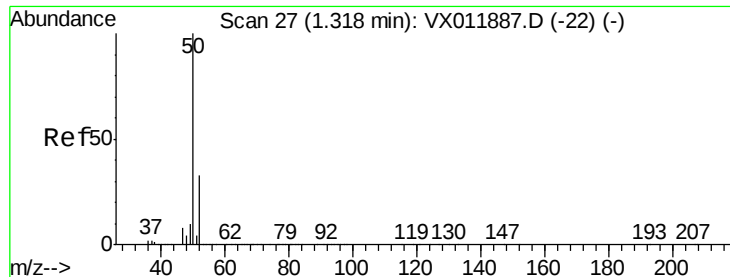
10000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 20.302 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

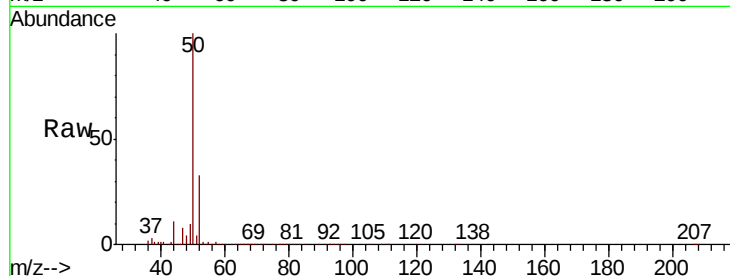
VX0830SBS02

Tgt Ion: 50 Resp: 45126

Ion Ratio Lower Upper

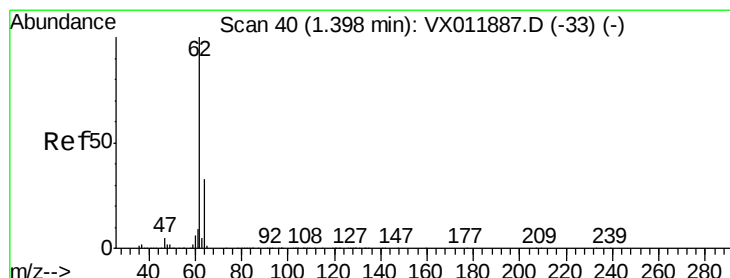
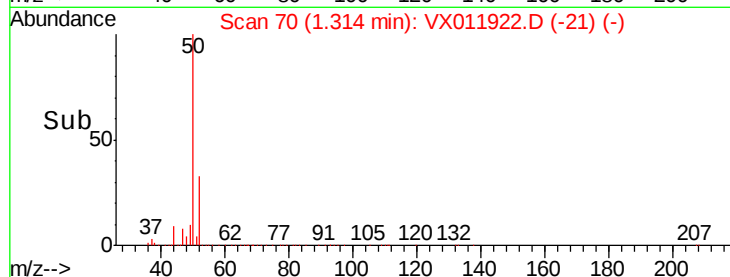
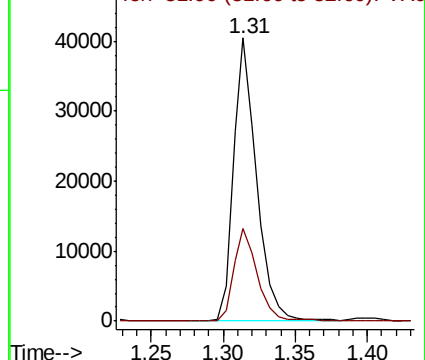
50 100

52 32.7 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.841 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX011922.D

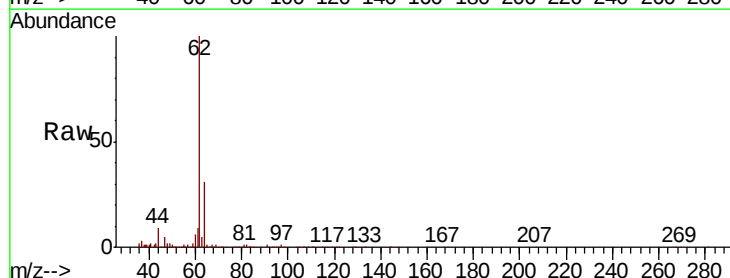
Acq: 30 Aug 2019 23:04

Tgt Ion: 62 Resp: 42111

Ion Ratio Lower Upper

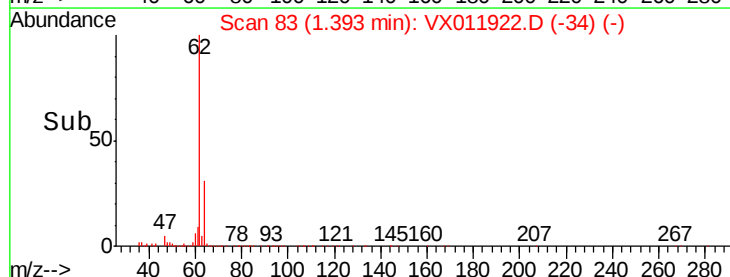
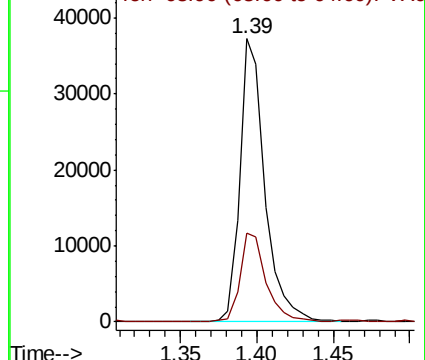
62 100

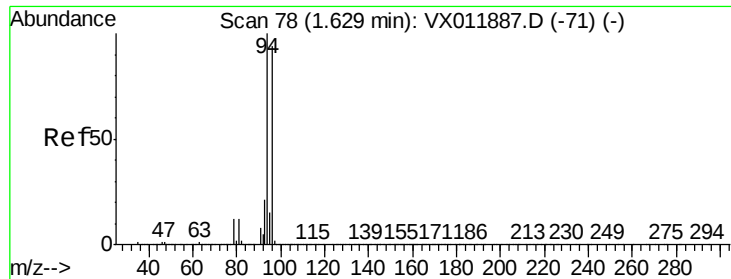
64 31.2 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.245 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

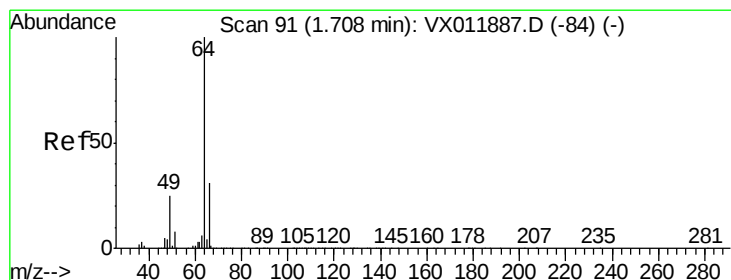
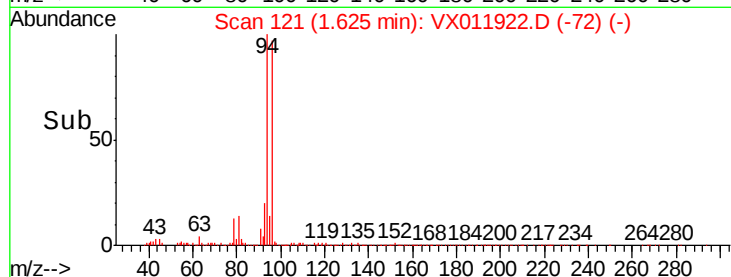
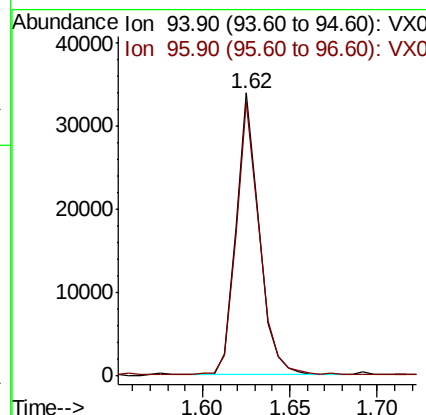
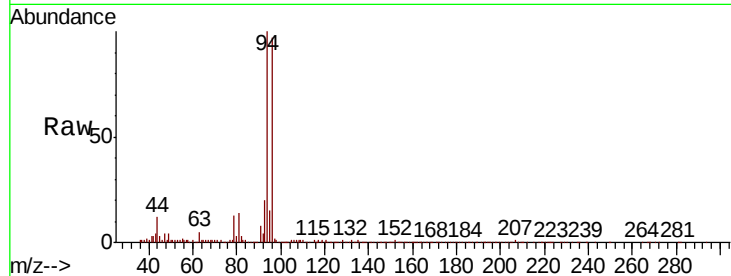
VX0830SBS02

Tgt Ion: 94 Resp: 31199

Ion Ratio Lower Upper

94 100

96 96.9 75.0 112.6



#6

Chloroethane

Concen: 20.513 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX011922.D

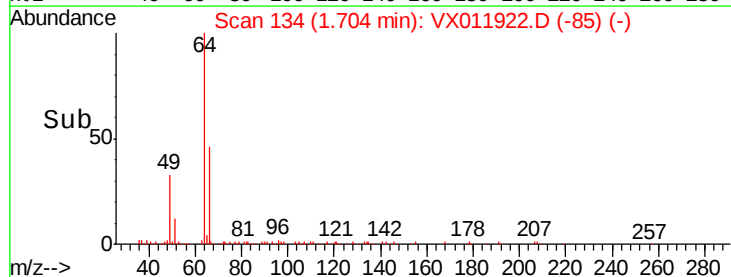
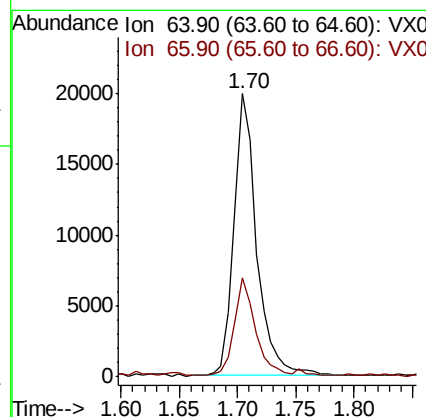
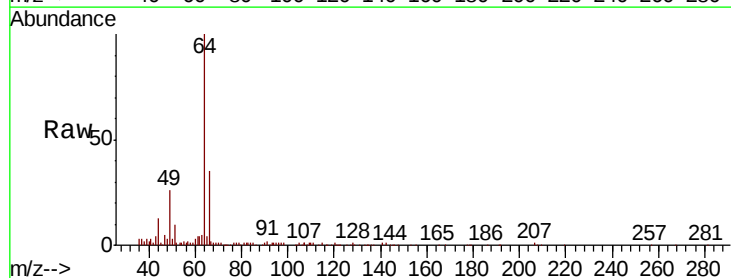
Acq: 30 Aug 2019 23:04

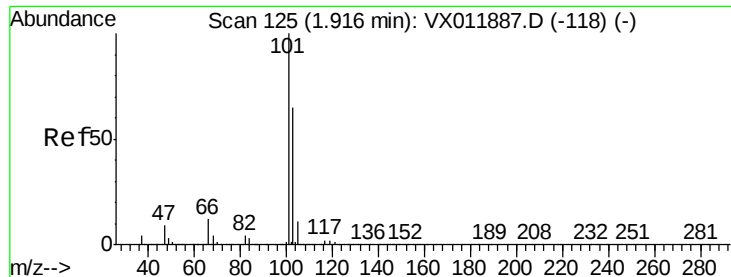
Tgt Ion: 64 Resp: 27097

Ion Ratio Lower Upper

64 100

66 34.3 25.0 37.4



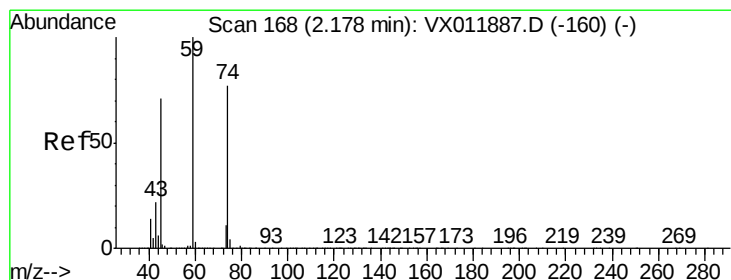
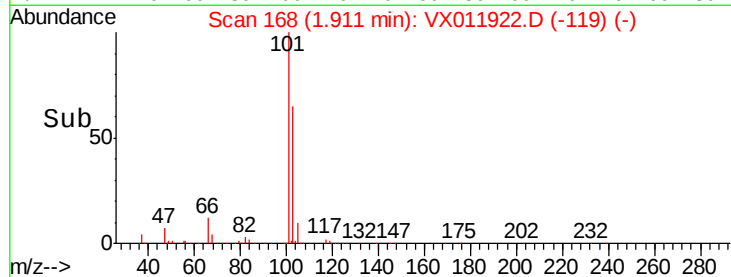
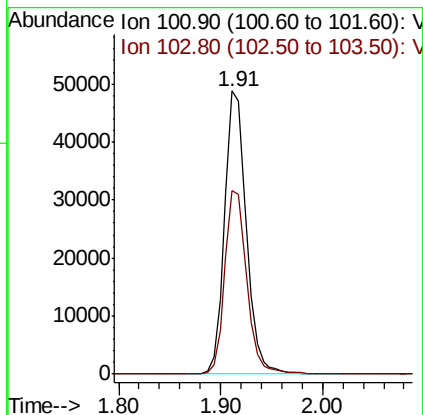
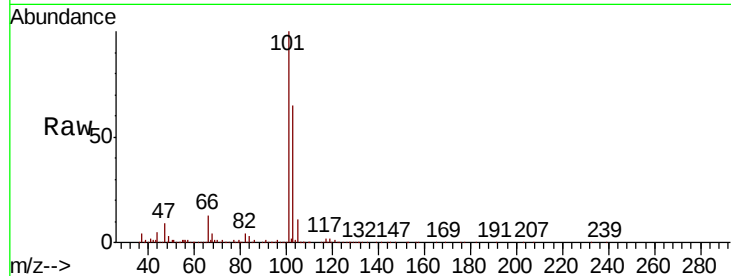


#7

Trichlorofluoromethane
Concen: 19.575 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS02

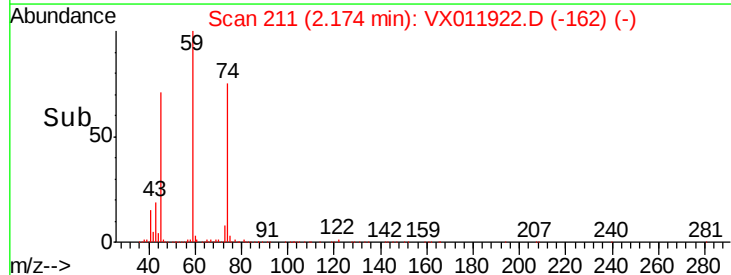
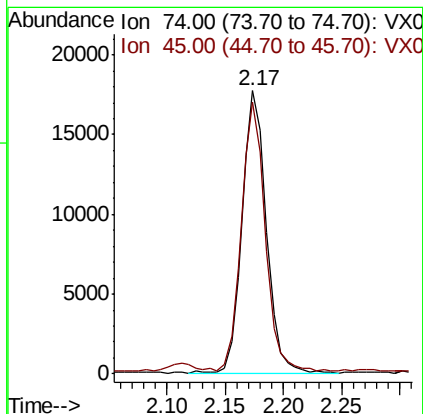
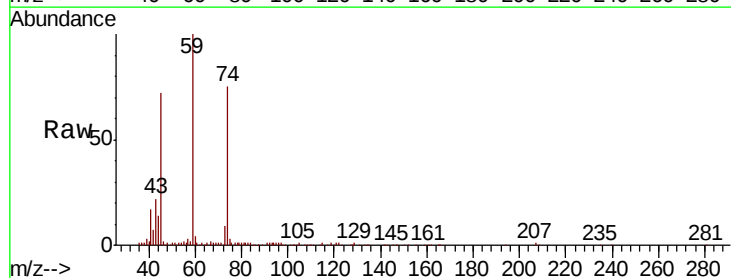
Tgt Ion:101 Resp: 72156
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4

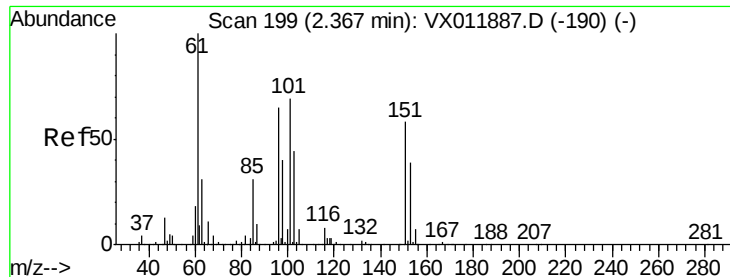


#8

Diethyl Ether
Concen: 20.651 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

Tgt Ion: 74 Resp: 26160
Ion Ratio Lower Upper
74 100
45 92.0 46.7 140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.161 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS02

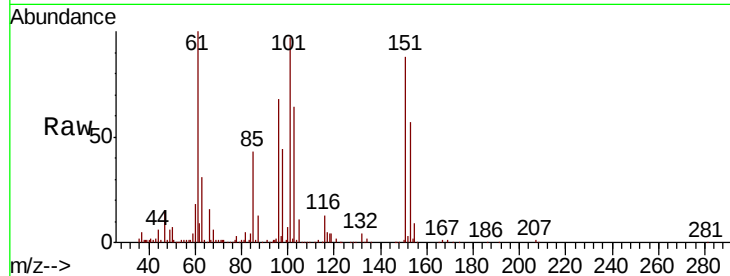
Tgt Ion:101 Resp: 46031

Ion Ratio Lower Upper

101 100

85 45.2 34.9 52.3

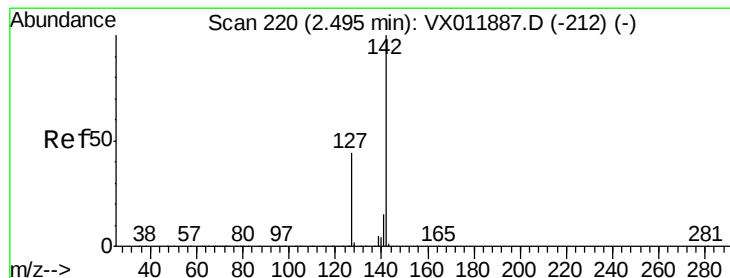
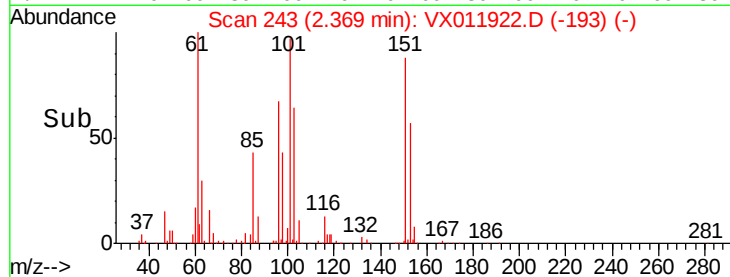
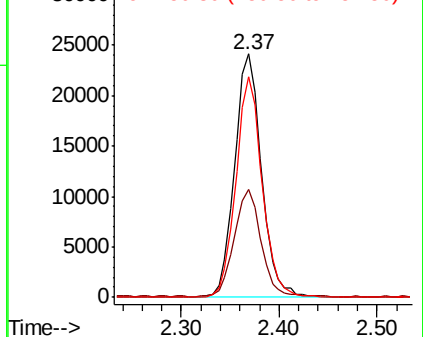
151 88.6 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.960 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

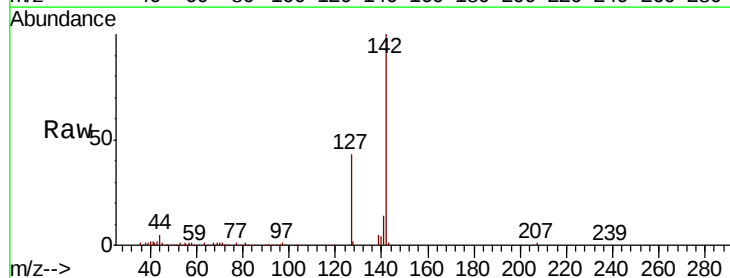
Tgt Ion:142 Resp: 40439

Ion Ratio Lower Upper

142 100

127 43.9 35.7 53.5

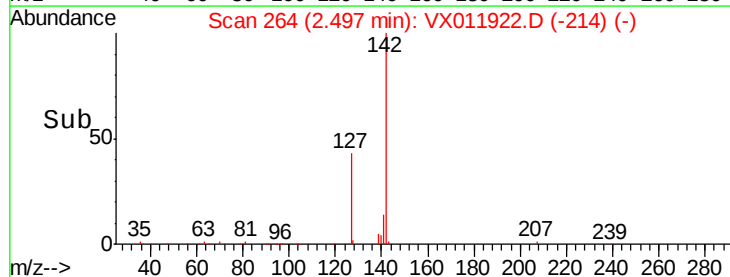
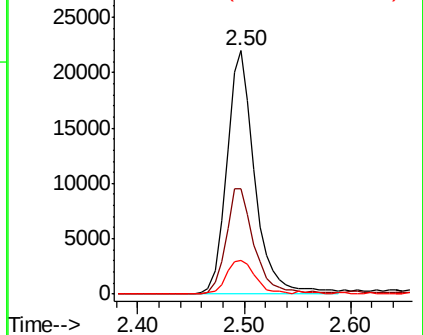
141 14.8 11.8 17.6

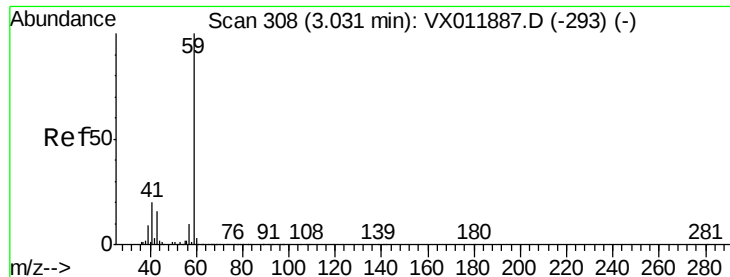


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

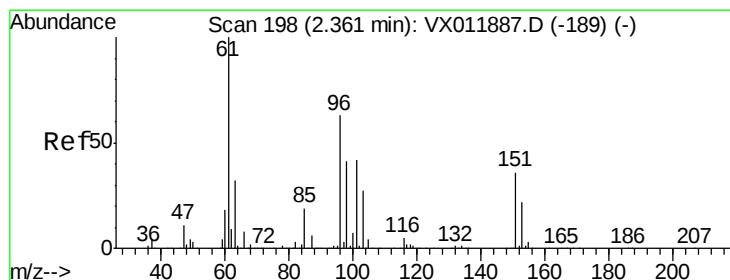
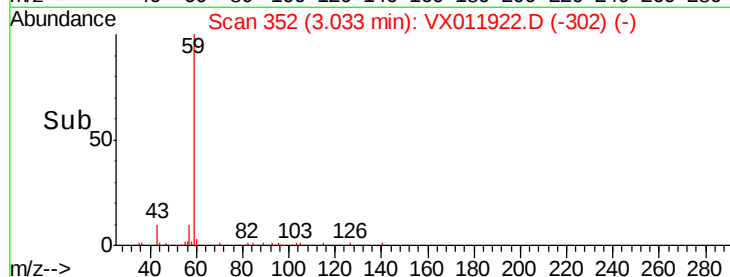
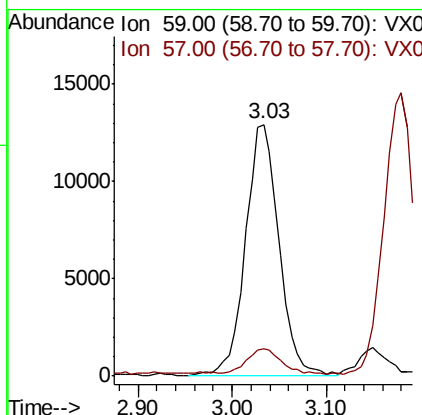
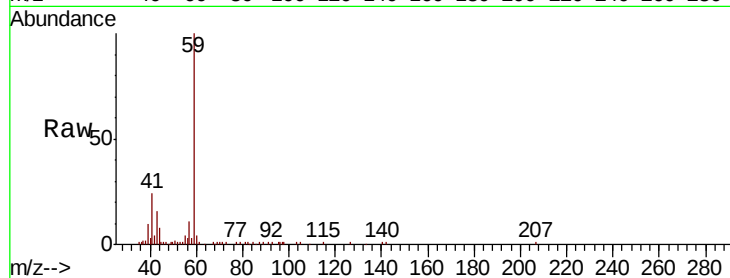




#11
Tert butyl alcohol
Concen: 110.821 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

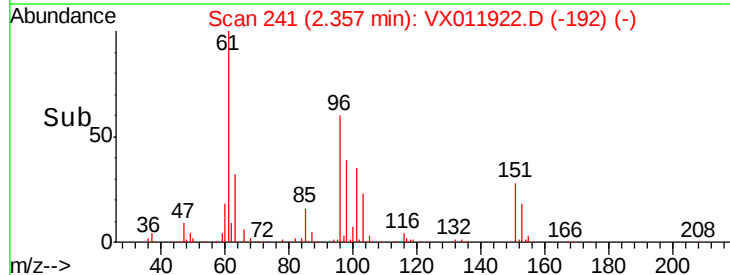
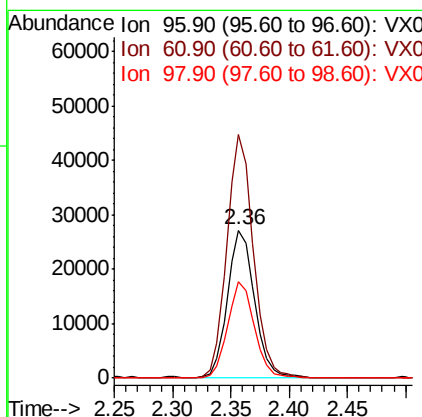
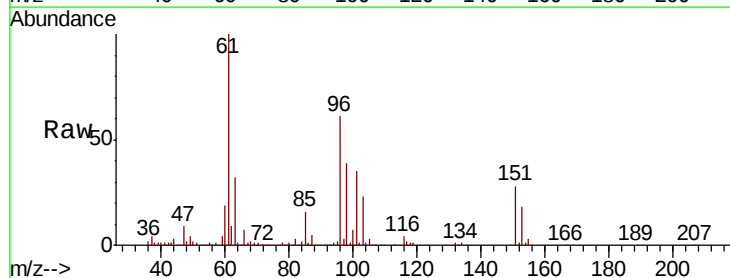
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS02

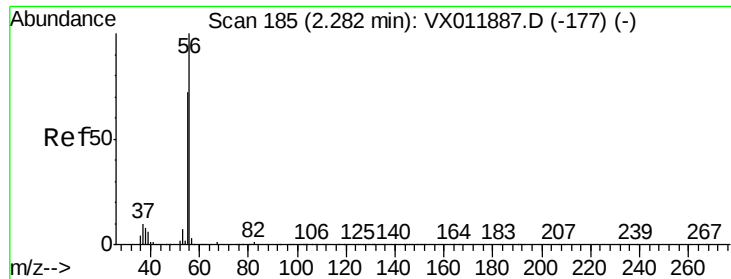
Tgt Ion: 59 Resp: 32451
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 19.524 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

Tgt Ion: 96 Resp: 43562
Ion Ratio Lower Upper
96 100
61 165.1 126.6 190.0
98 64.8 51.6 77.4

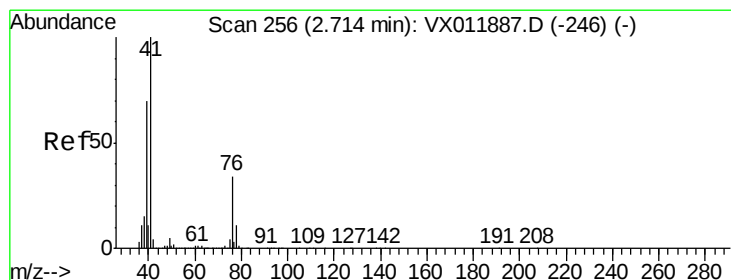
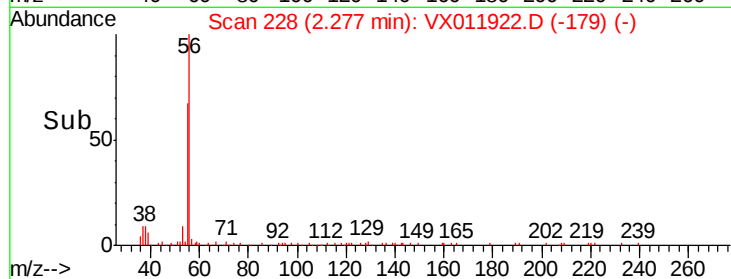
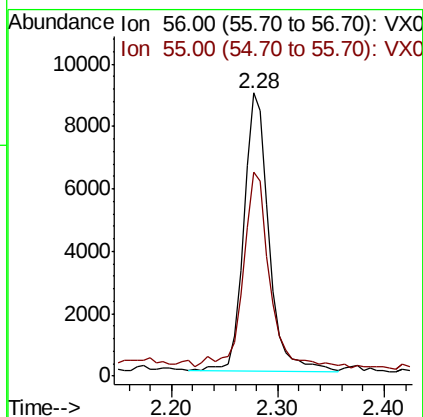
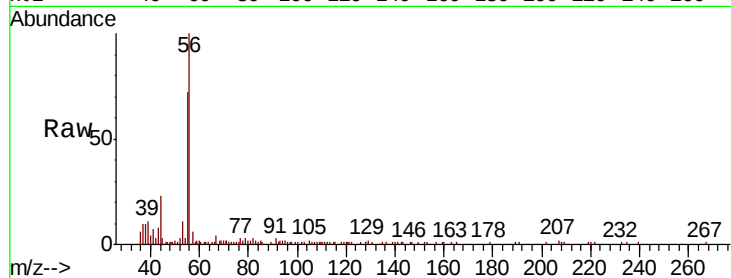




#13
Acrolein
Concen: 101.129 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

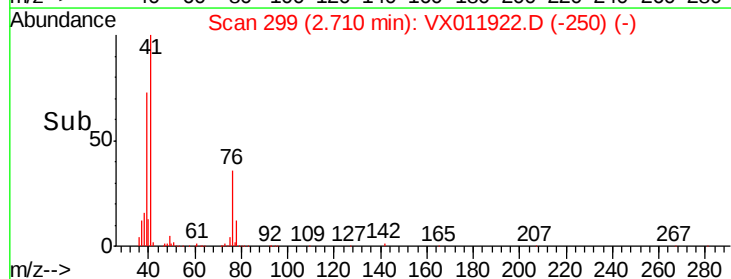
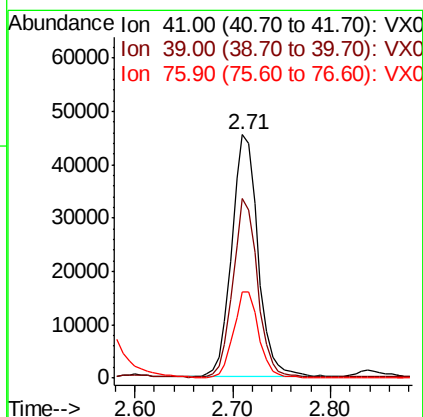
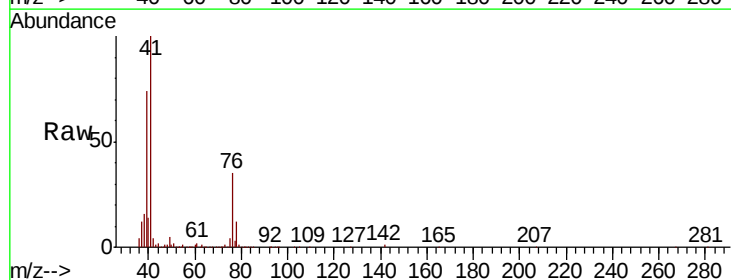
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS02

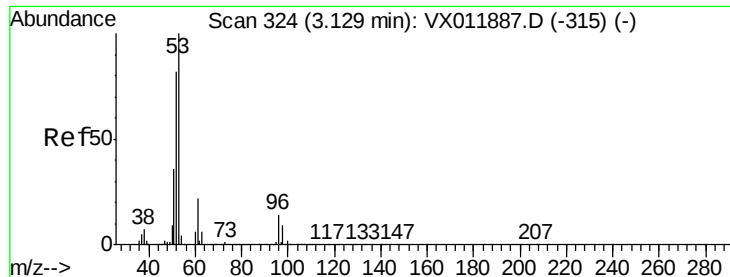
Tgt Ion: 56 Resp: 14739
Ion Ratio Lower Upper
56 100
55 74.3 58.6 88.0



#14
Allyl chloride
Concen: 20.318 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

Tgt Ion: 41 Resp: 85040
Ion Ratio Lower Upper
41 100
39 68.8 55.0 82.6
76 33.7 27.0 40.4





#15

Acrylonitrile

Concen: 105.718 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS02

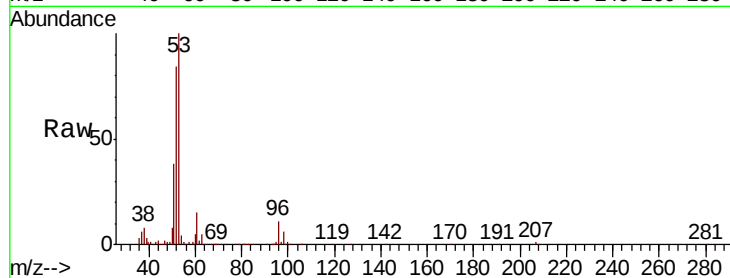
Tgt Ion: 53 Resp: 73561

Ion Ratio Lower Upper

53 100

52 81.9 65.3 97.9

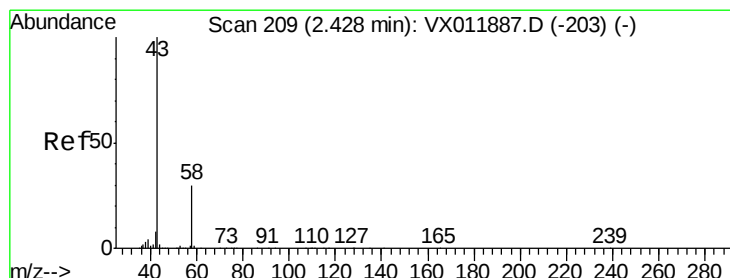
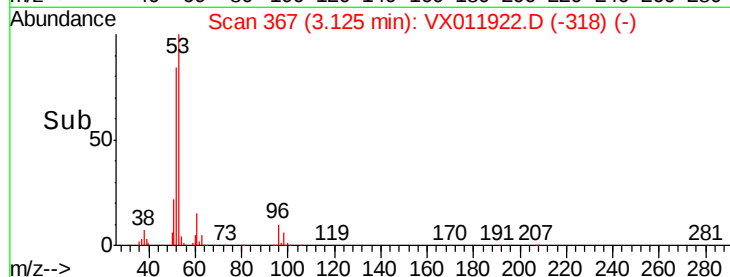
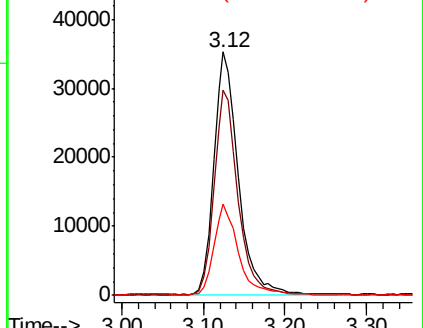
51 37.7 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 96.099 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011922.D

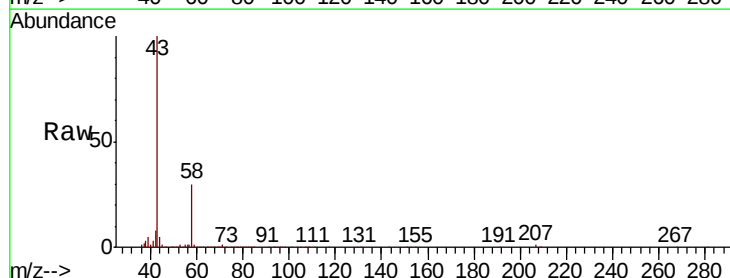
Acq: 30 Aug 2019 23:04

Tgt Ion: 43 Resp: 62933

Ion Ratio Lower Upper

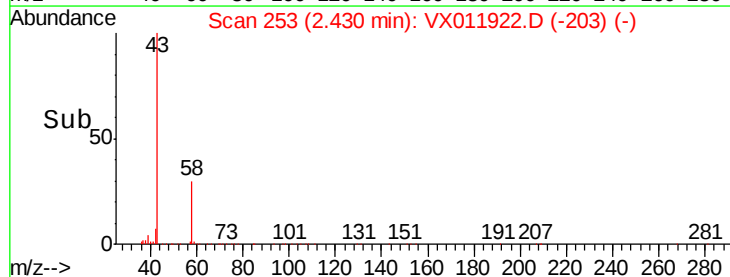
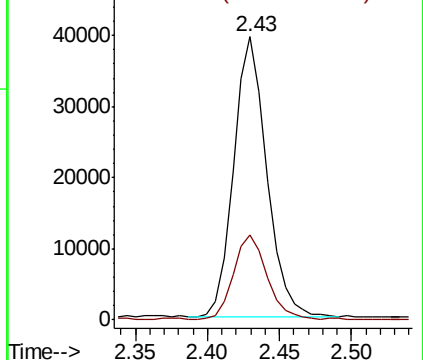
43 100

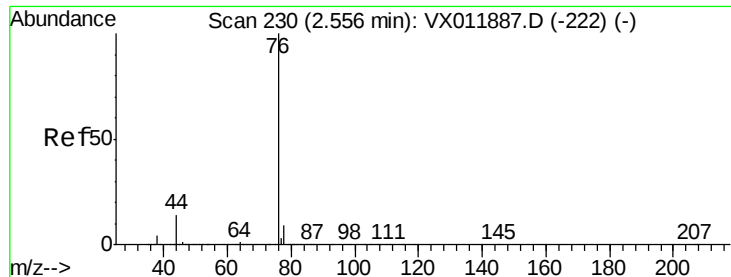
58 30.2 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

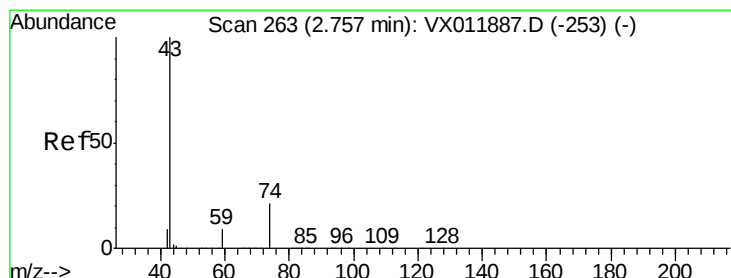
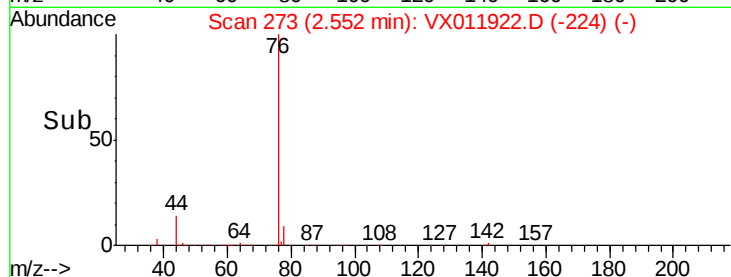
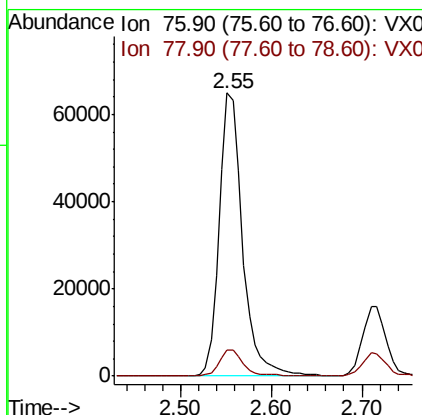
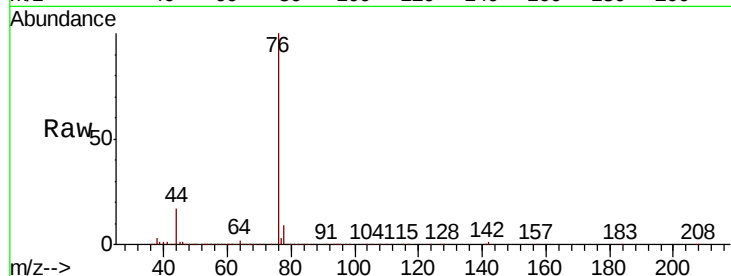




#17
Carbon Disulfide
Concen: 18.277 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

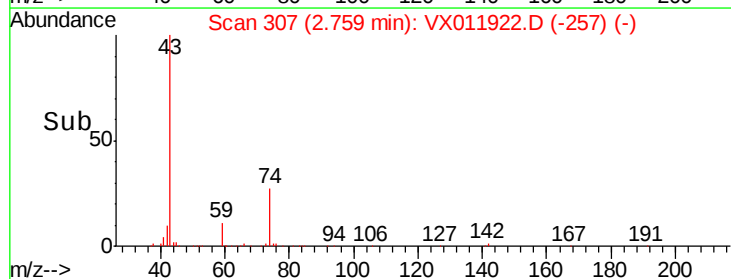
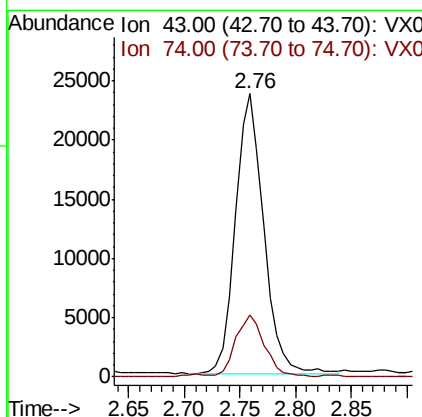
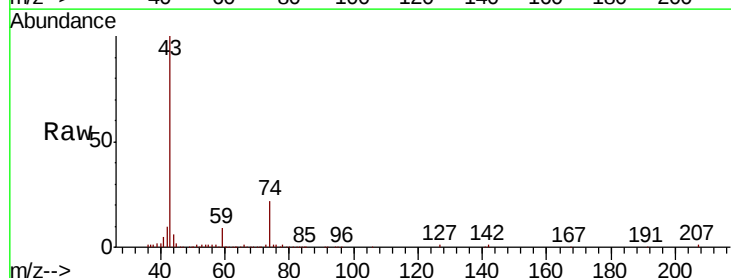
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS02

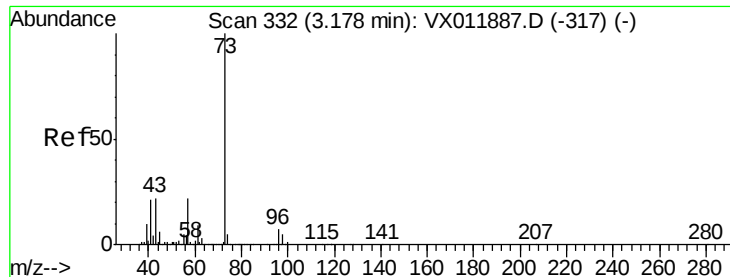
Tgt Ion: 76 Resp: 116971
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 23.138 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

Tgt Ion: 43 Resp: 41945
Ion Ratio Lower Upper
43 100
74 23.4 18.4 27.6

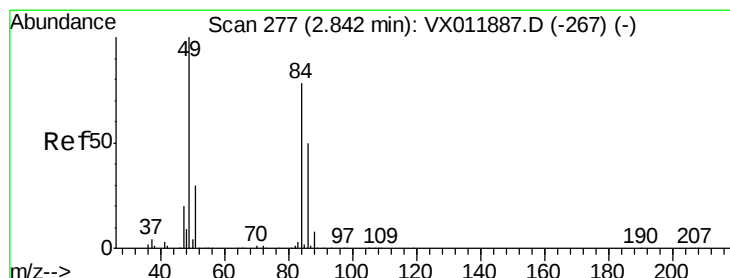
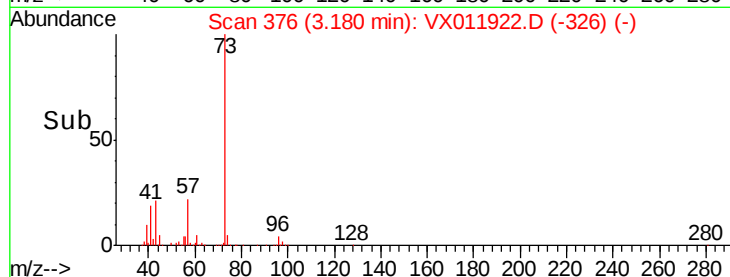
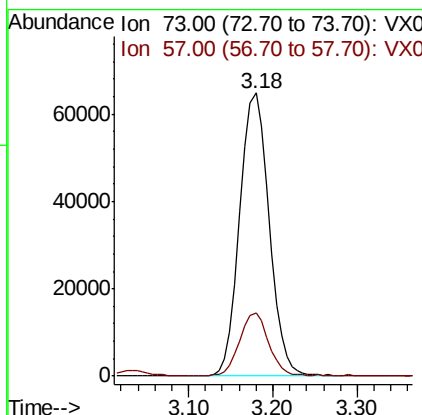
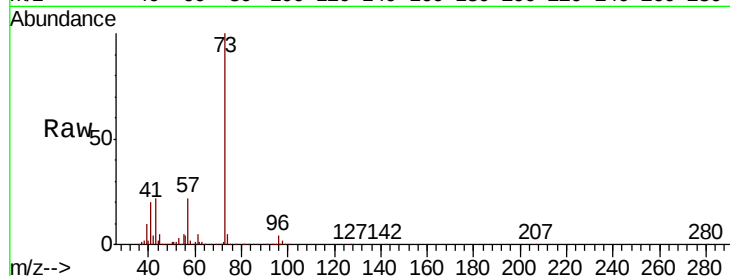




#19
Methyl tert-butyl Ether
Concen: 21.136 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

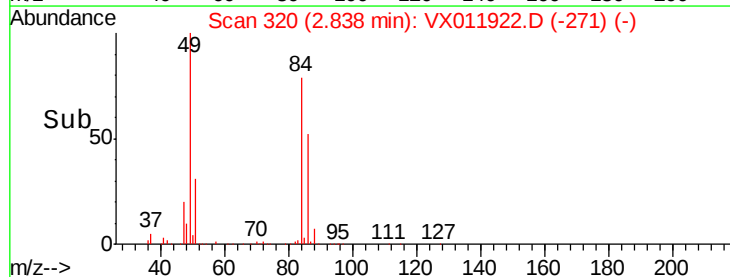
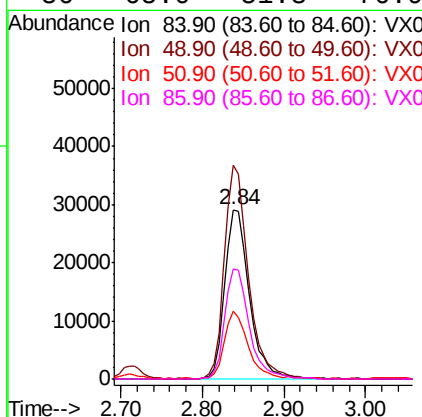
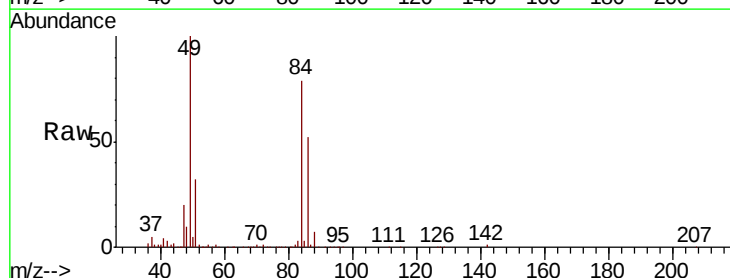
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS02

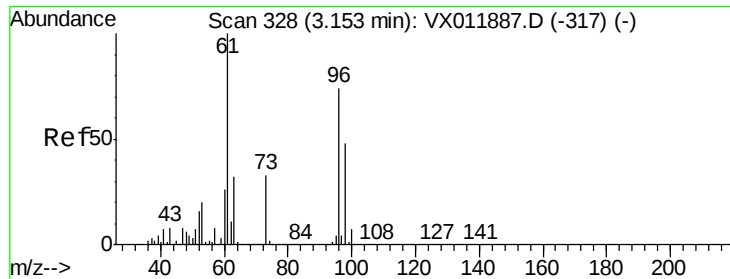
Tgt Ion: 73 Resp: 152779
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.0



#20
Methylene Chloride
Concen: 18.733 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

Tgt Ion: 84 Resp: 60927
Ion Ratio Lower Upper
84 100
49 125.9 103.0 154.4
51 39.5 30.8 46.2
86 65.0 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.108 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS02

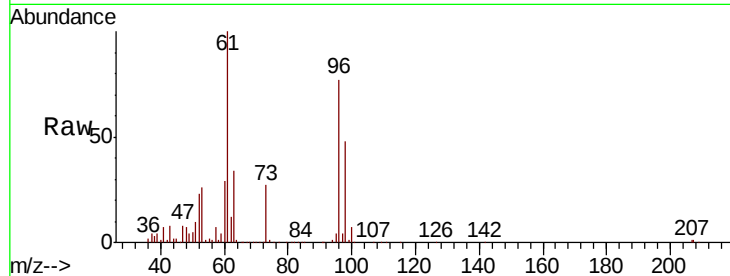
Tgt Ion: 96 Resp: 52850

Ion Ratio Lower Upper

96 100

61 129.4 107.4 161.2

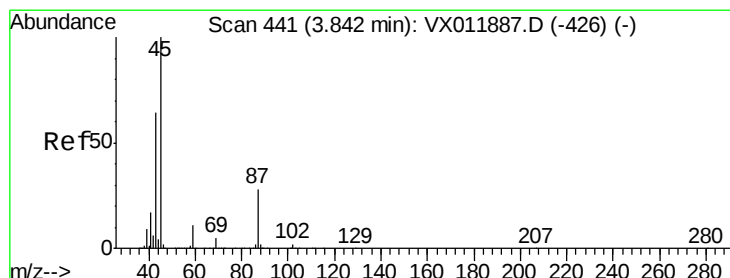
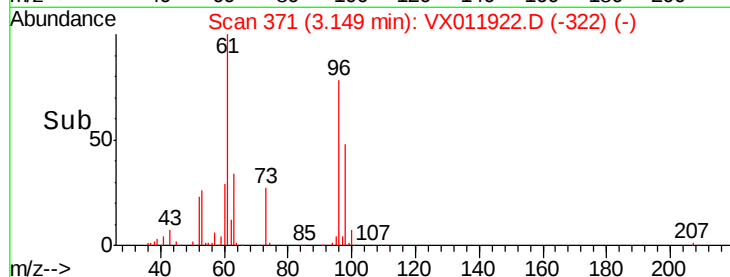
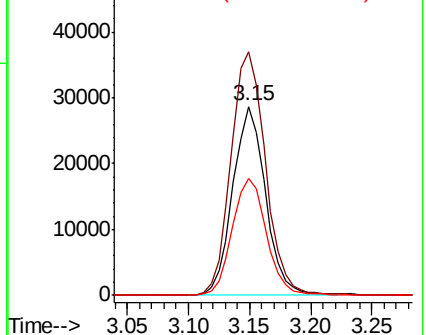
98 61.9 51.4 77.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.006 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Tgt Ion: 45 Resp: 179486

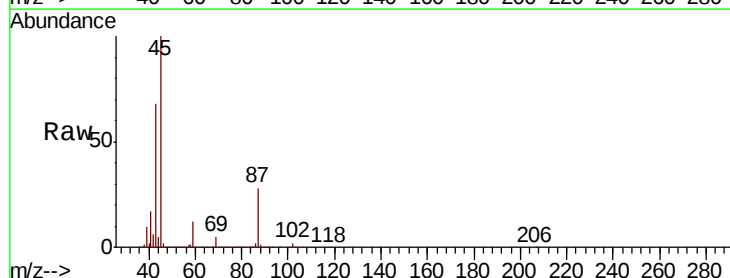
Ion Ratio Lower Upper

45 100

43 67.3 51.0 76.6

87 28.2 22.0 33.0

59 11.8 9.1 13.7

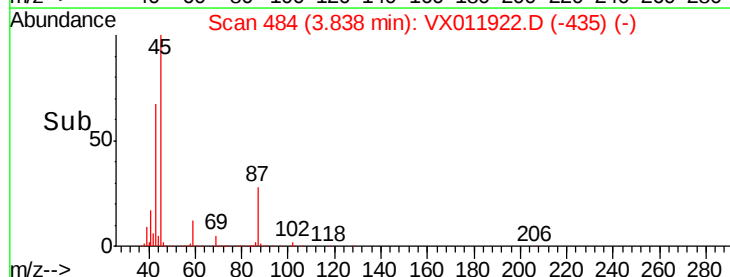
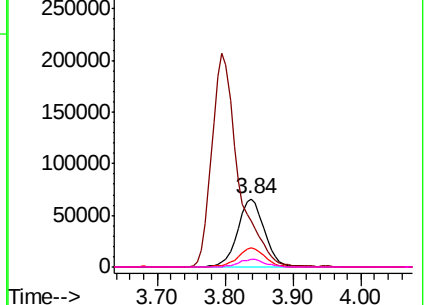


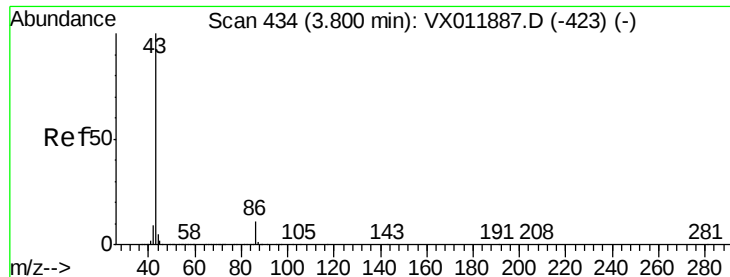
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 101.623 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

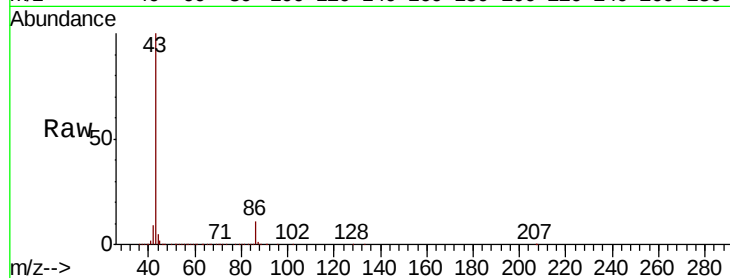
VX0830SBS02

Tgt Ion: 43 Resp: 558262

Ion Ratio Lower Upper

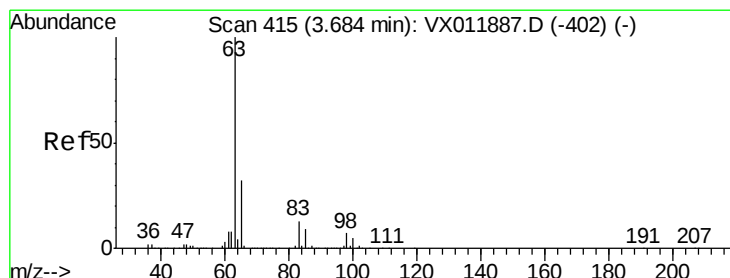
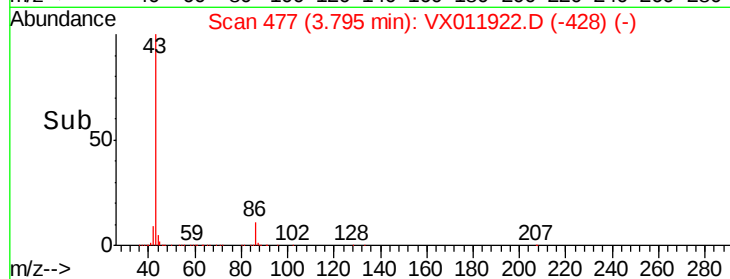
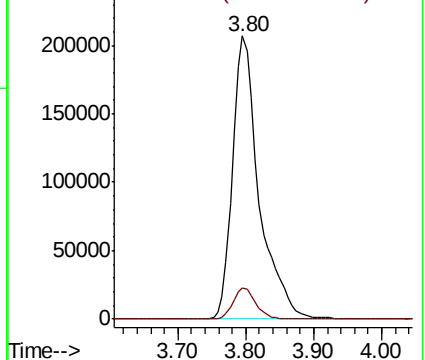
43 100

86 10.9 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.795 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

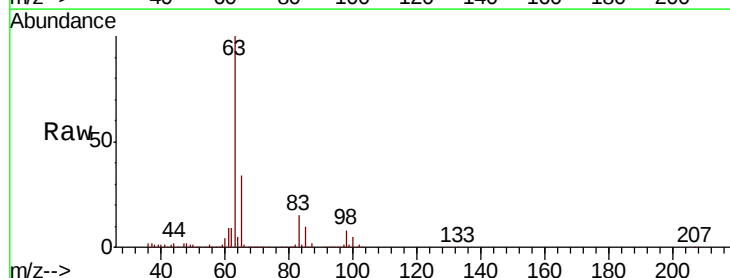
Tgt Ion: 63 Resp: 97984

Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.2

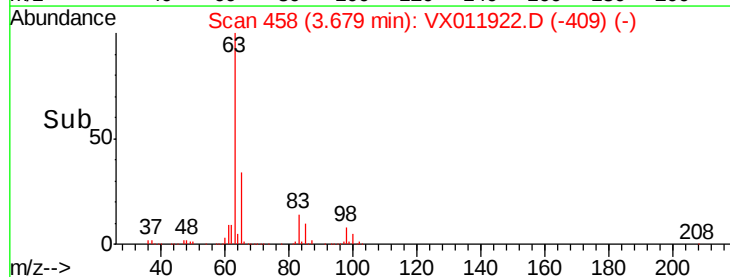
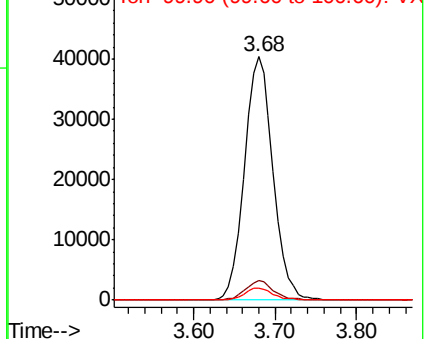
100 5.1 2.4 7.2

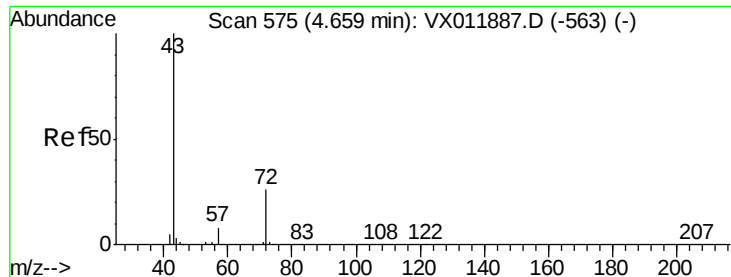


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

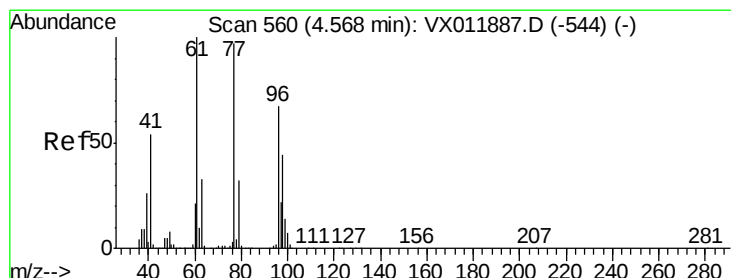
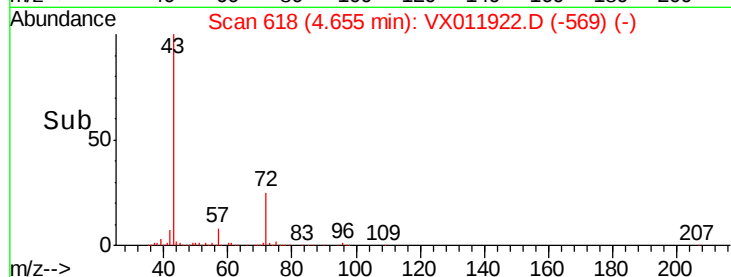
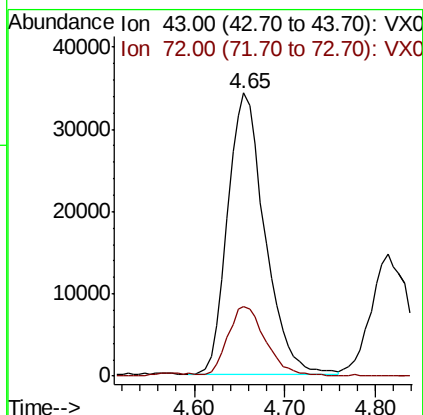
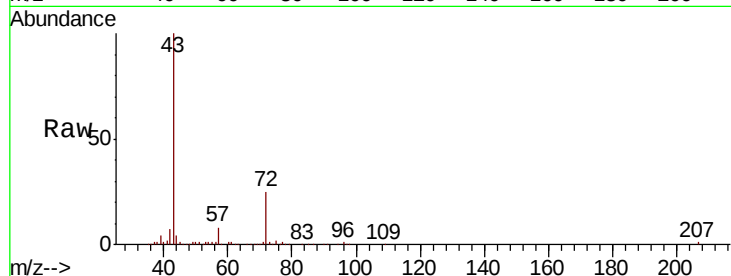




#25
2-Butanone
Concen: 101.441 ug/l
RT: 4.65 min Scan# 618
Delta R.T. -0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

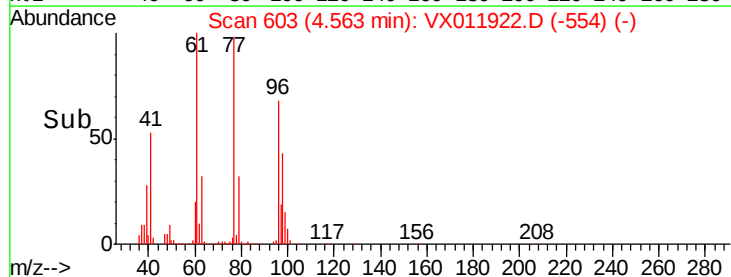
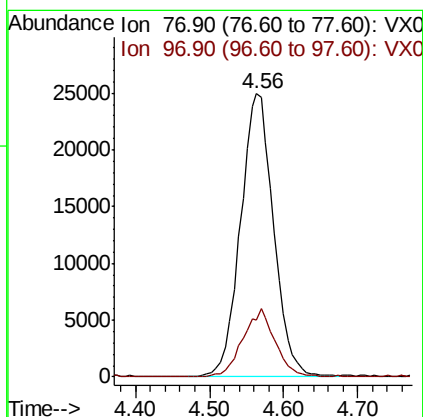
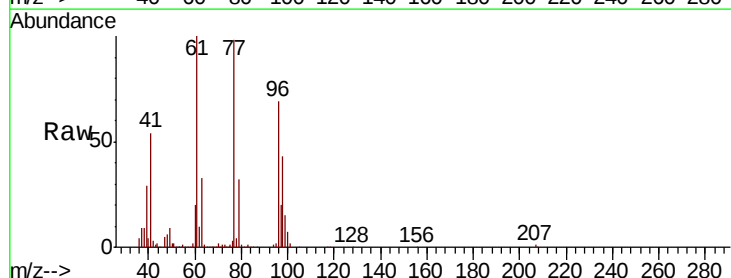
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS02

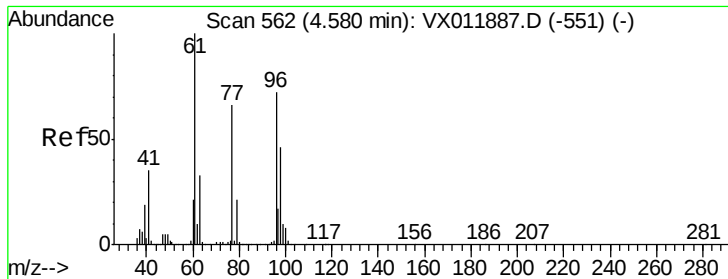
Tgt Ion: 43 Resp: 96755
Ion Ratio Lower Upper
43 100
72 24.4 21.0 31.4



#26
2,2-Dichloropropane
Concen: 19.662 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

Tgt Ion: 77 Resp: 77702
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.1



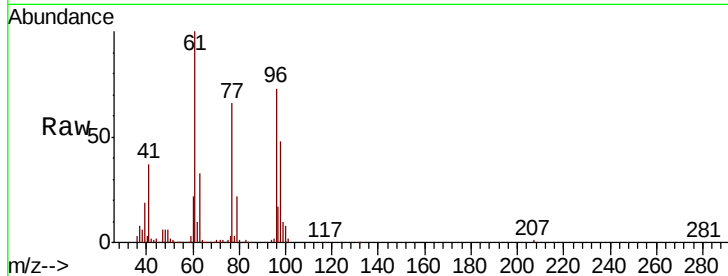


#27

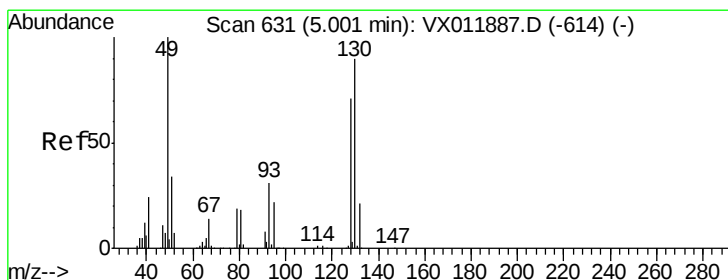
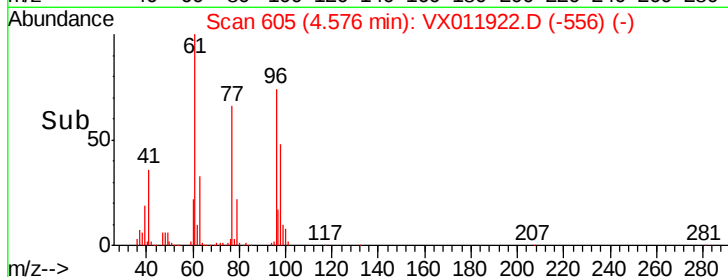
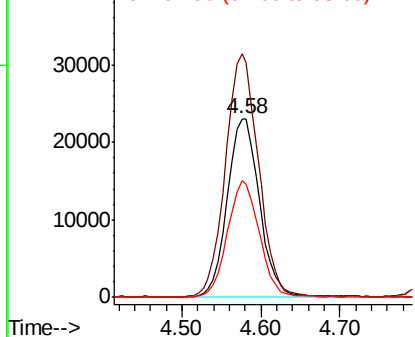
cis-1,2-Dichloroethene
 Concen: 21.279 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS02

Tgt Ion: 96 Resp: 65877
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 283.8
 98 64.4 0.0 131.2



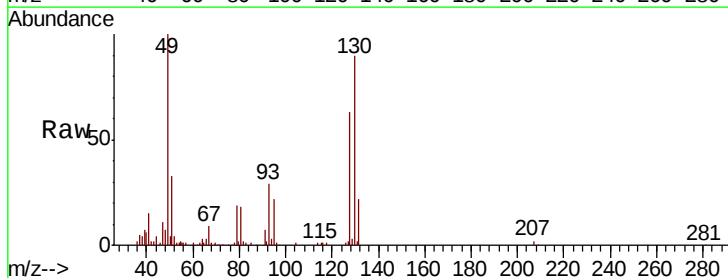
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



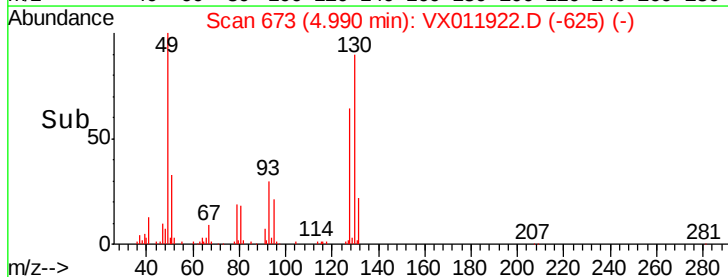
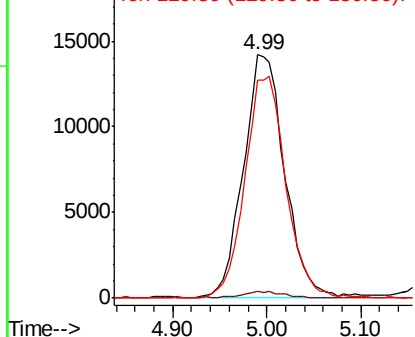
#28

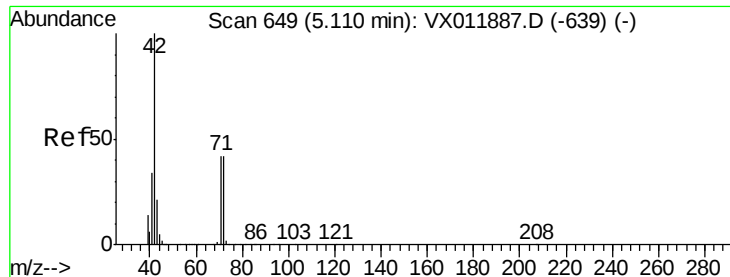
Bromochloromethane
 Concen: 20.540 ug/l
 RT: 4.99 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

Tgt Ion: 49 Resp: 43427
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.8
 130 90.8 70.6 105.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 105.510 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS02

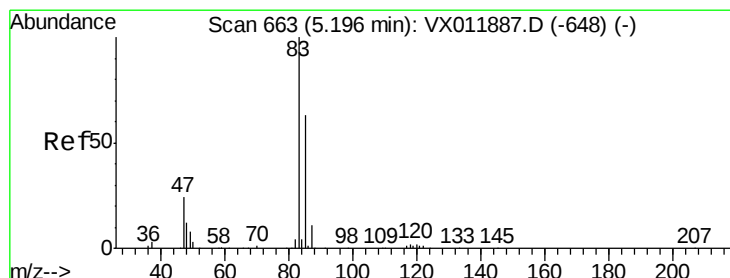
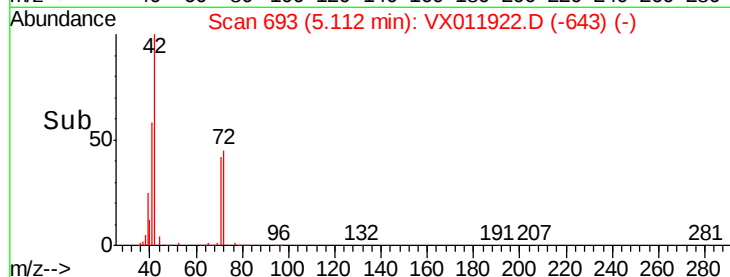
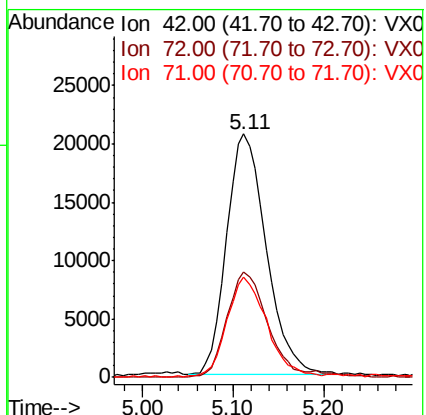
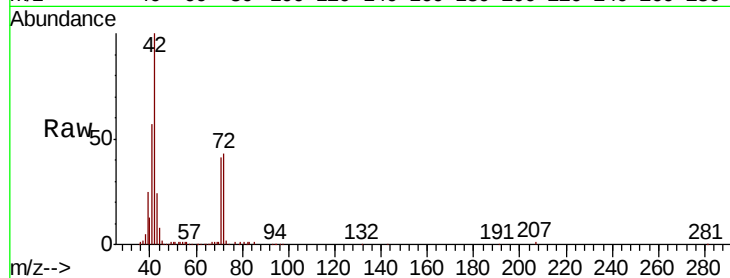
Tgt Ion: 42 Resp: 62813

Ion Ratio Lower Upper

42 100

72 46.2 36.2 54.4

71 41.9 33.1 49.7



#30

Chloroform

Concen: 21.365 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.00 min

Lab File: VX011922.D

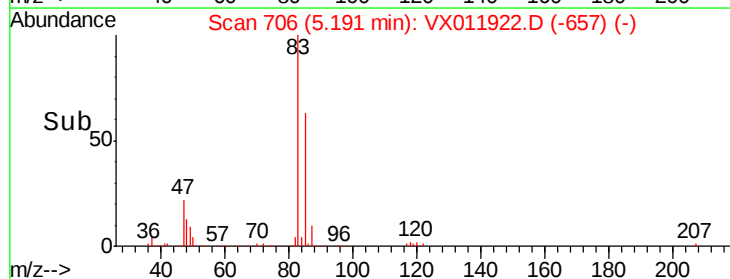
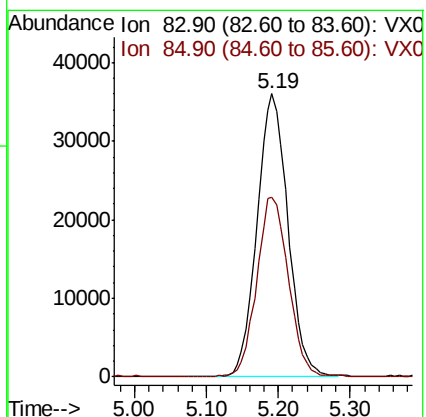
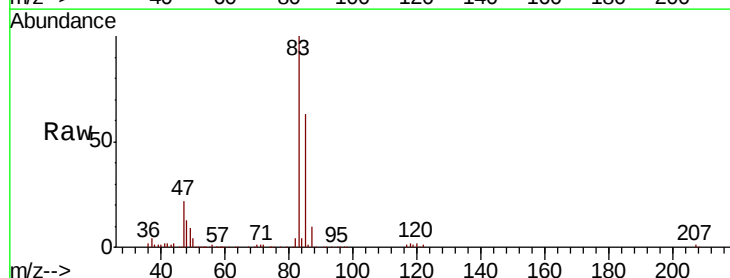
Acq: 30 Aug 2019 23:04

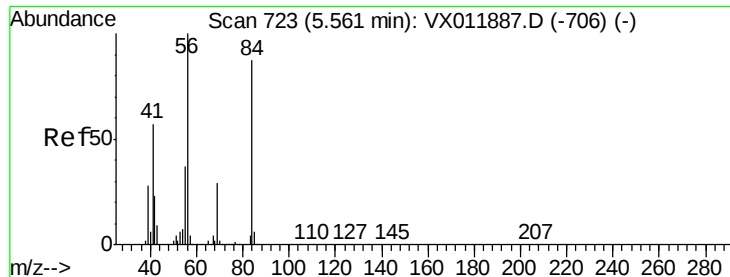
Tgt Ion: 83 Resp: 107640

Ion Ratio Lower Upper

83 100

85 63.2 50.6 75.8

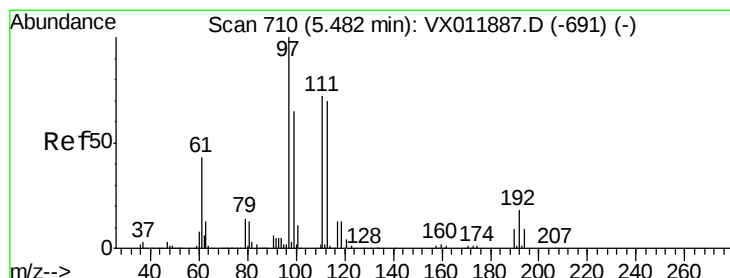
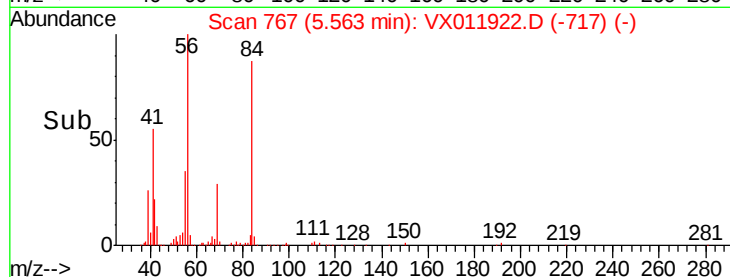
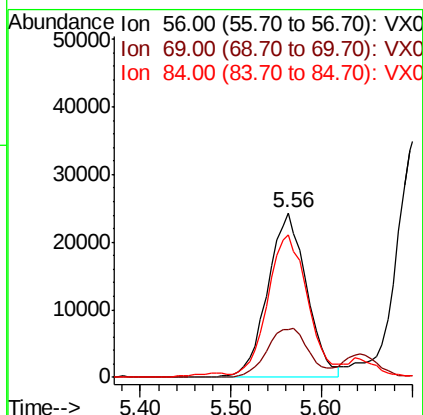
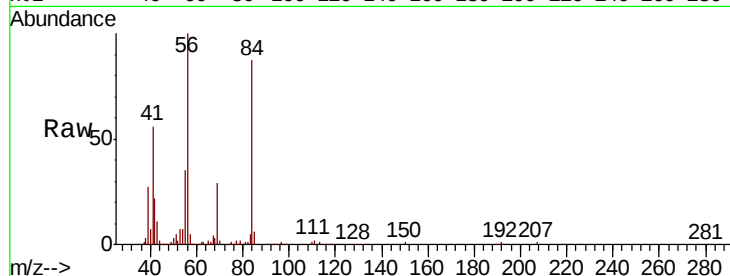




#31
Cyclohexane
Concen: 18.856 ug/l
RT: 5.56 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

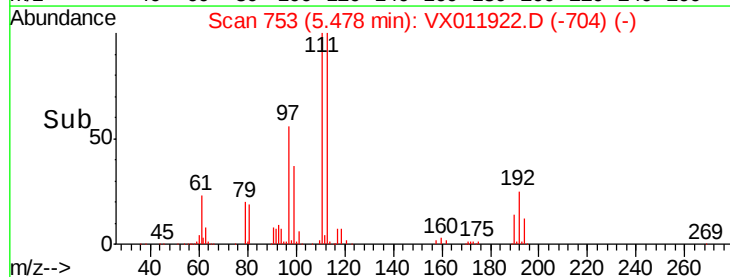
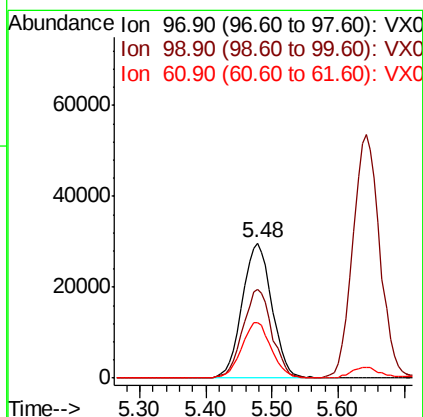
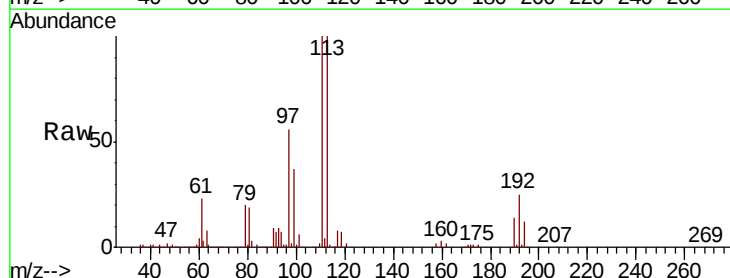
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS02

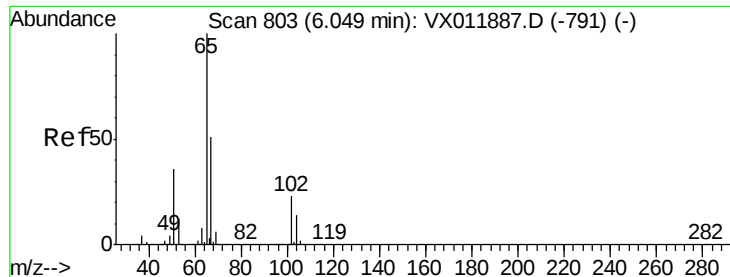
Tgt Ion: 56 Resp: 71661
Ion Ratio Lower Upper
56 100
69 28.8 23.1 34.7
84 85.8 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 20.714 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

Tgt Ion: 97 Resp: 92699
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 41.3 33.8 50.6

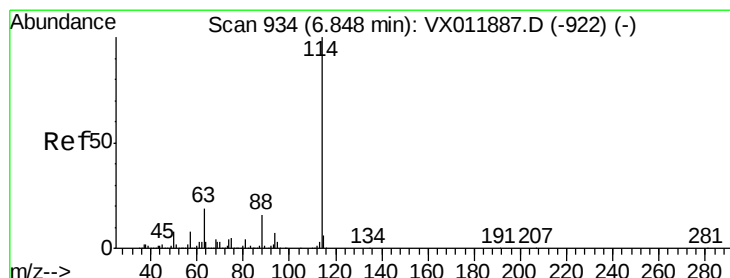
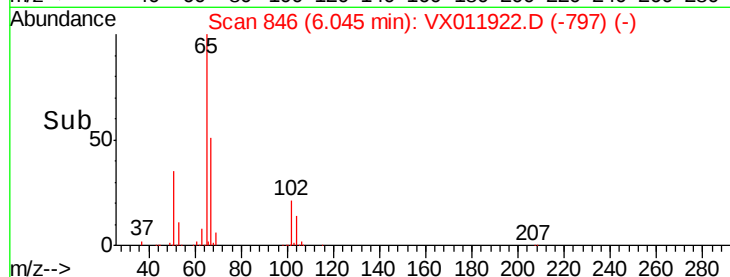
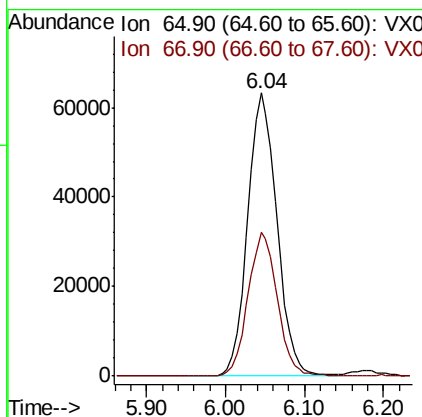
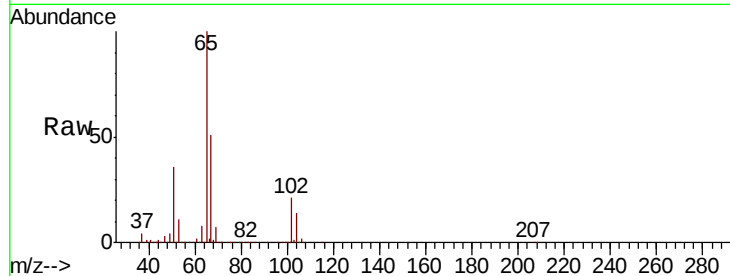




#33
 1,2-Dichloroethane-d4
 Concen: 53.664 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

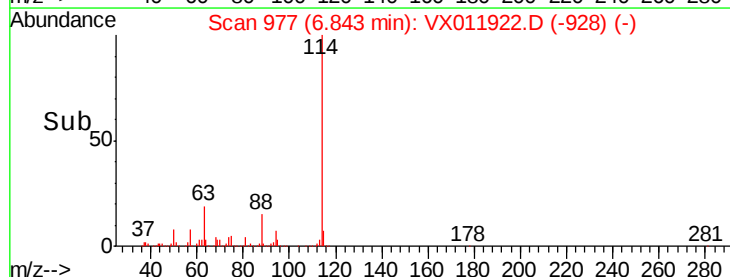
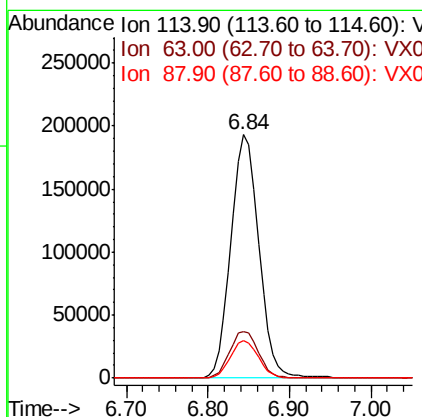
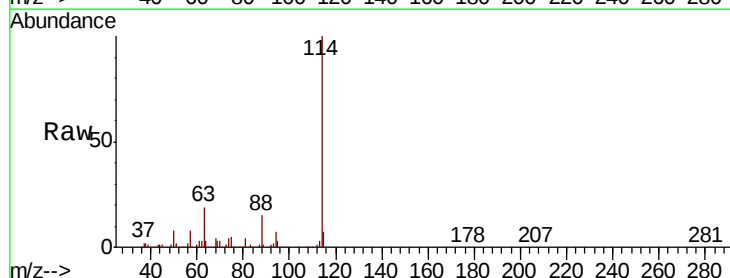
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS02

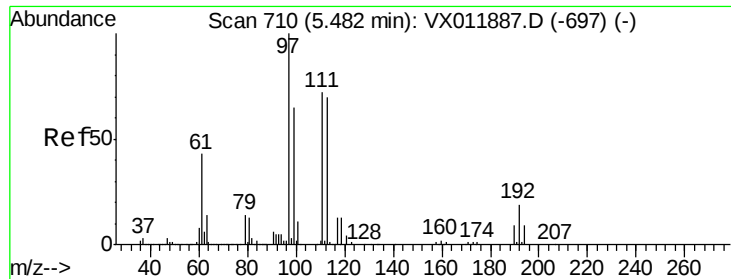
Tgt Ion: 65 Resp: 163338
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

Tgt Ion: 114 Resp: 457749
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.8
 88 15.4 0.0 31.2

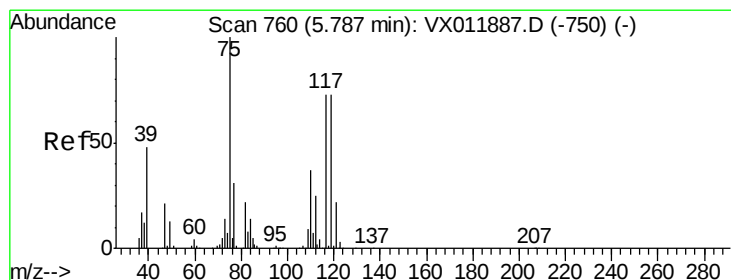
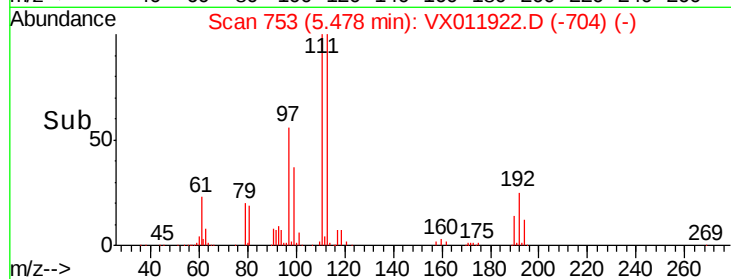
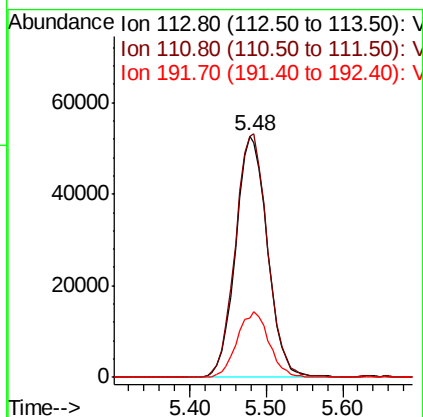
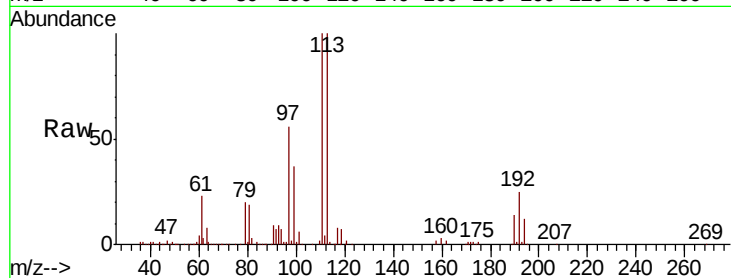




#35
 Dibromofluoromethane
 Concen: 51.621 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

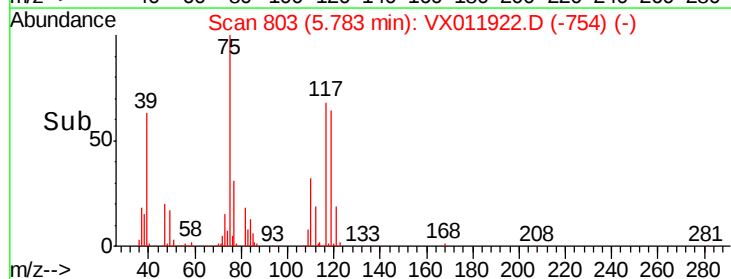
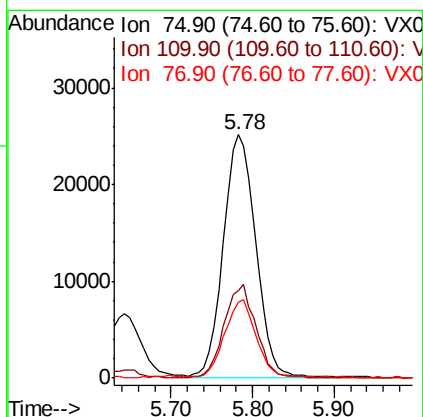
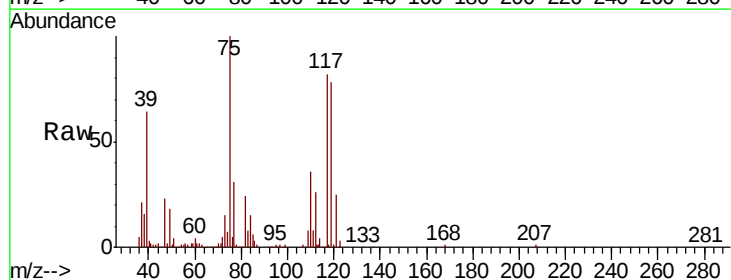
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS02

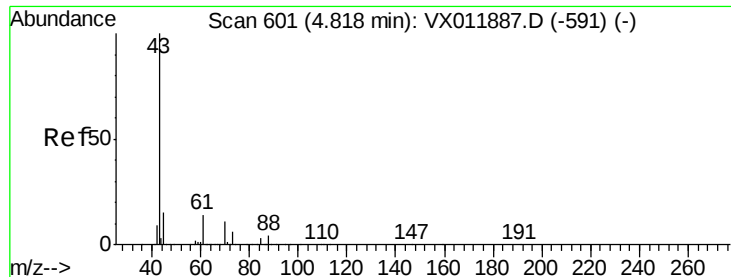
Tgt Ion: 113 Resp: 151523
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.1 123.1
 192 27.4 21.5 32.3



#36
 1,1-Dichloropropene
 Concen: 19.043 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

Tgt Ion: 75 Resp: 69058
 Ion Ratio Lower Upper
 75 100
 110 38.0 19.1 57.3
 77 30.5 24.4 36.6

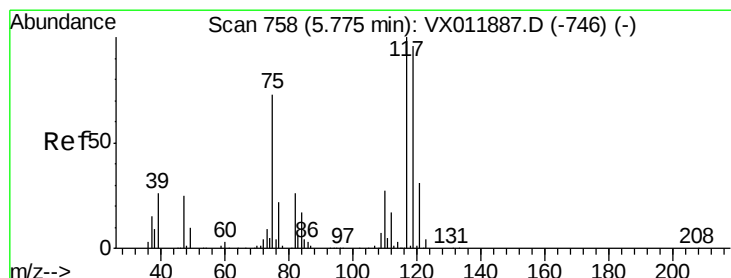
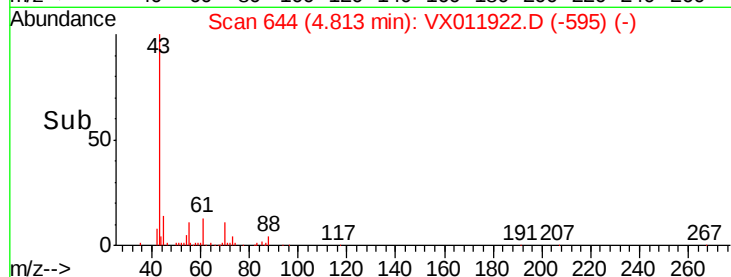
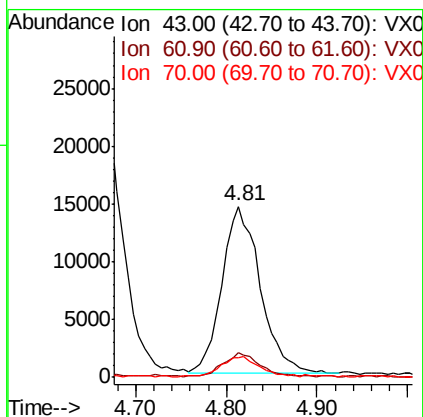
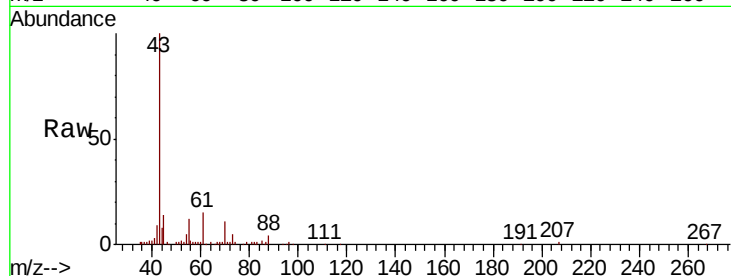




#37
Ethyl Acetate
Concen: 19.777 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

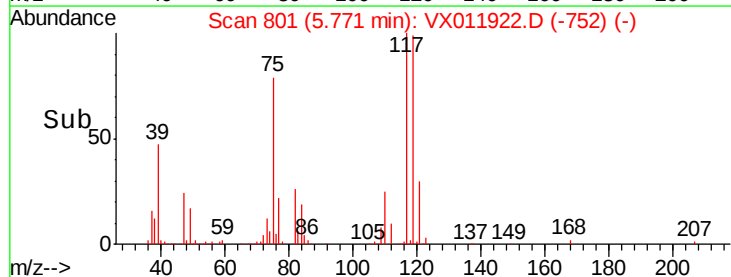
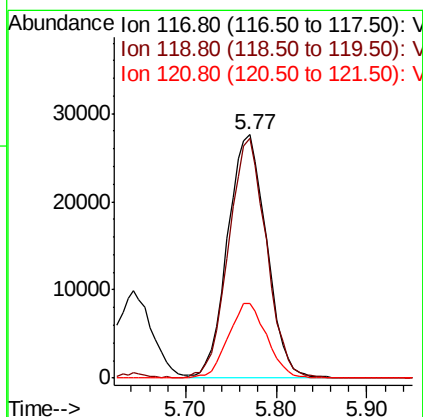
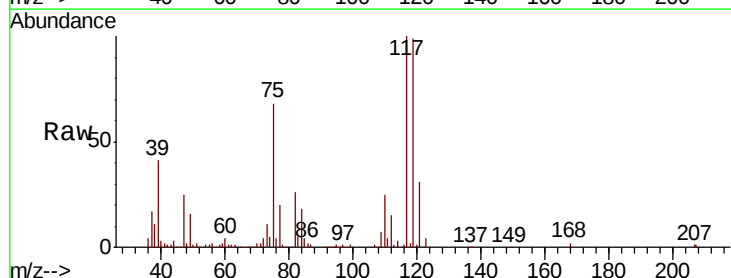
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS02

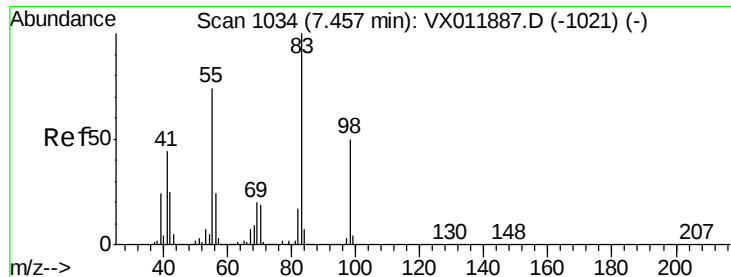
Tgt Ion: 43 Resp: 42455
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.4
70 11.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 19.428 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

Tgt Ion: 117 Resp: 81712
Ion Ratio Lower Upper
117 100
119 98.5 76.6 114.8
121 30.8 24.7 37.1

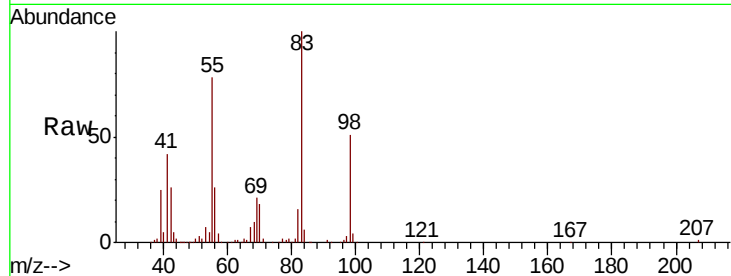




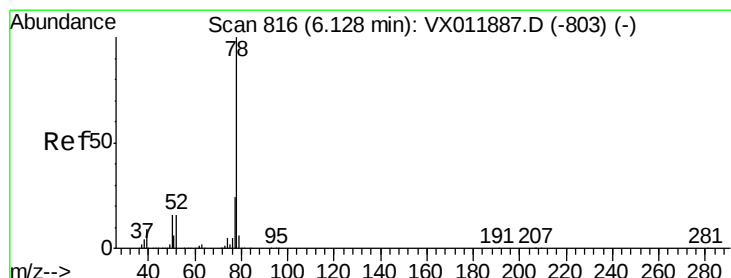
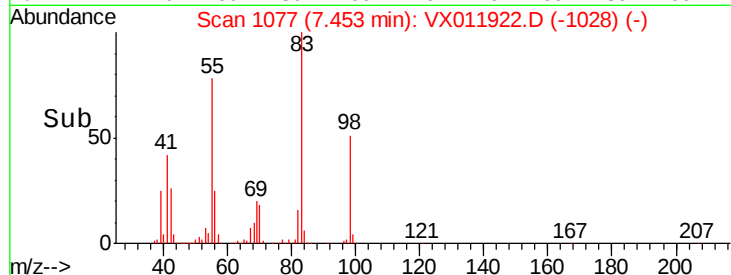
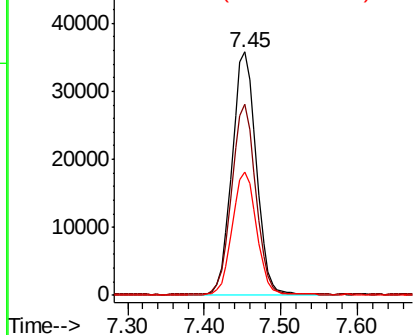
#39
Methylcyclohexane
Concen: 18.344 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS02

Tgt Ion: 83 Resp: 79238
Ion Ratio Lower Upper
83 100
55 78.0 59.4 89.0
98 50.8 40.3 60.5

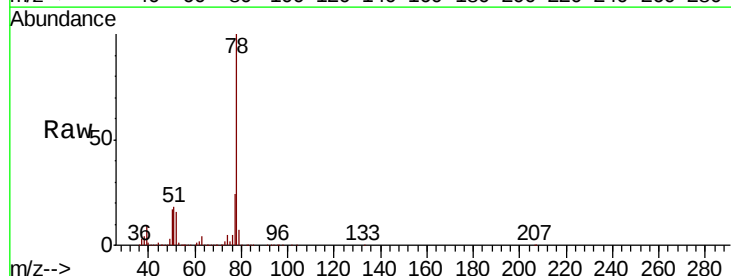


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

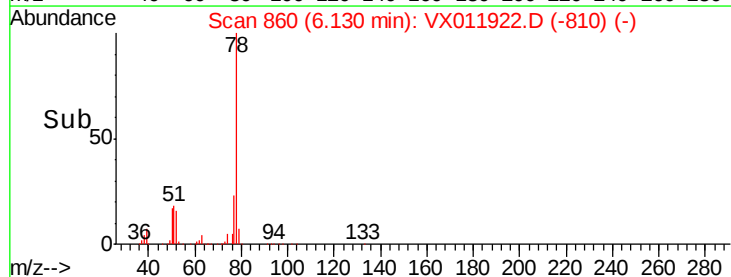
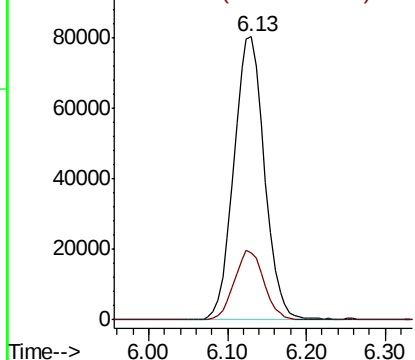


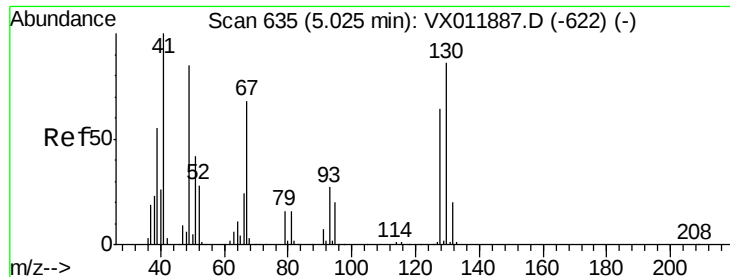
#40
Benzene
Concen: 20.110 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

Tgt Ion: 78 Resp: 217684
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 20.203 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS02

Tgt Ion: 41 Resp: 25535

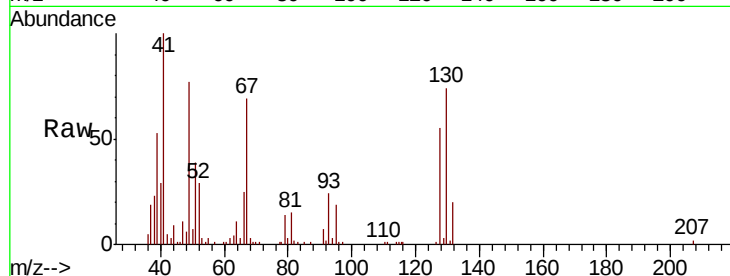
Ion Ratio Lower Upper

41 100

39 57.2 45.0 67.6

67 69.8 55.0 82.4

52 30.7 24.1 36.1

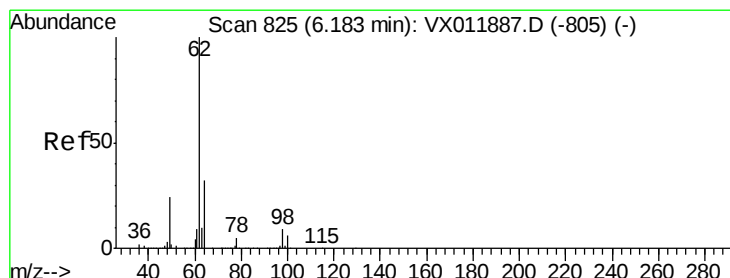
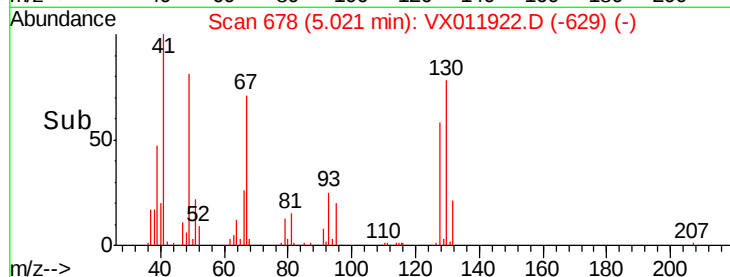
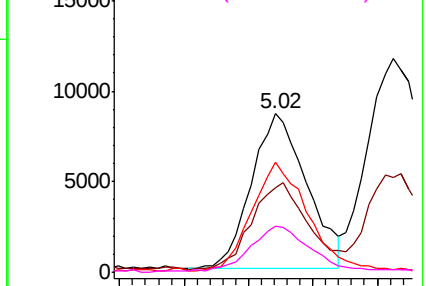


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.968 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011922.D

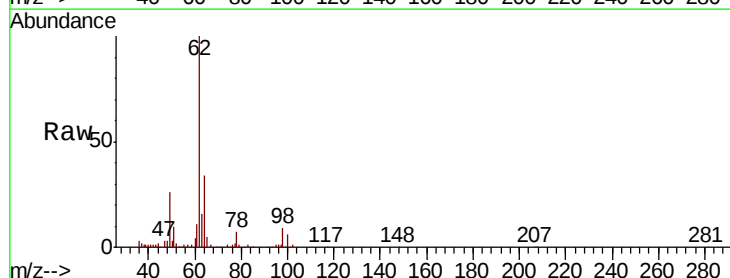
Acq: 30 Aug 2019 23:04

Tgt Ion: 62 Resp: 77189

Ion Ratio Lower Upper

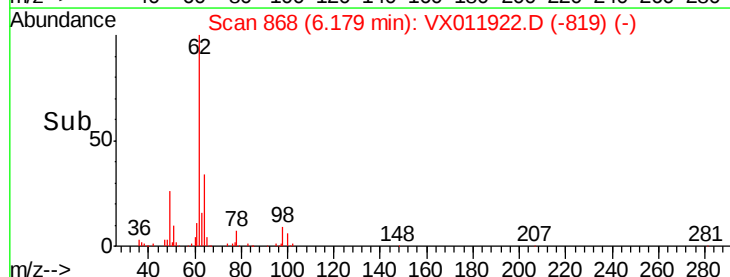
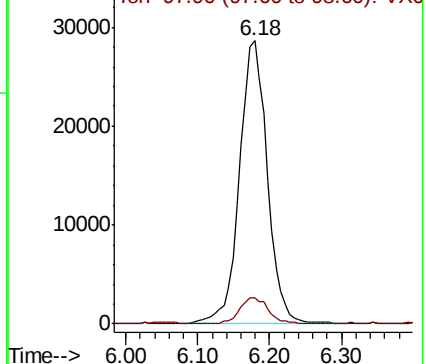
62 100

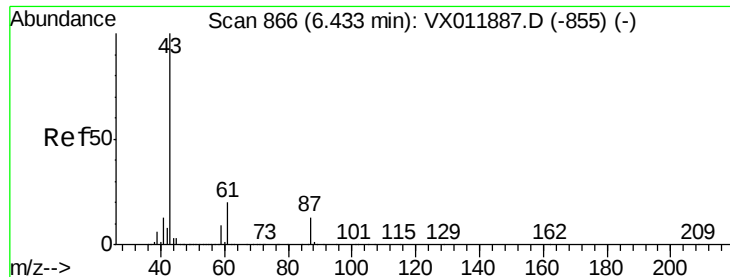
98 9.6 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.011 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS02

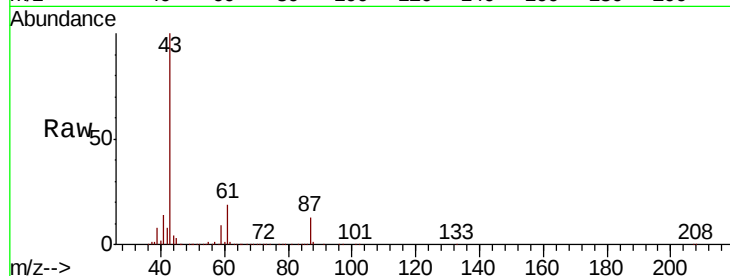
Tgt Ion: 43 Resp: 87091

Ion Ratio Lower Upper

43 100

61 19.0 16.1 24.1

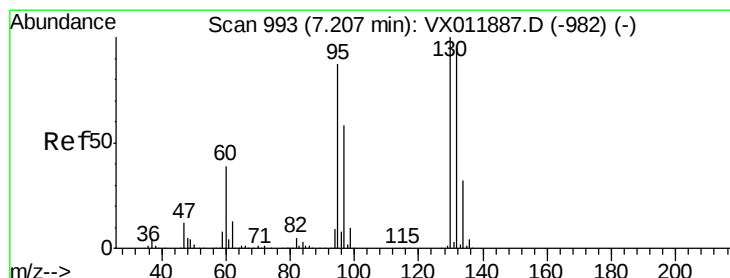
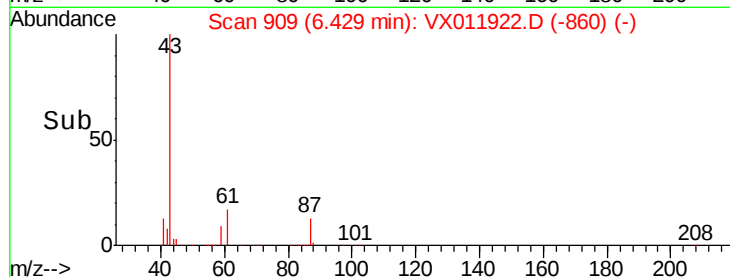
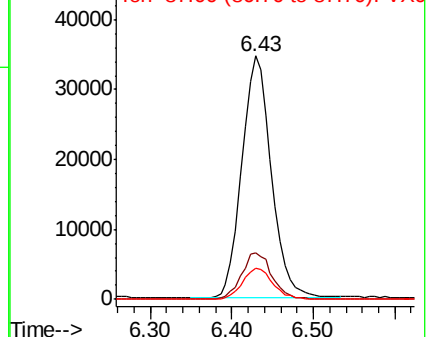
87 13.3 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.685 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX011922.D

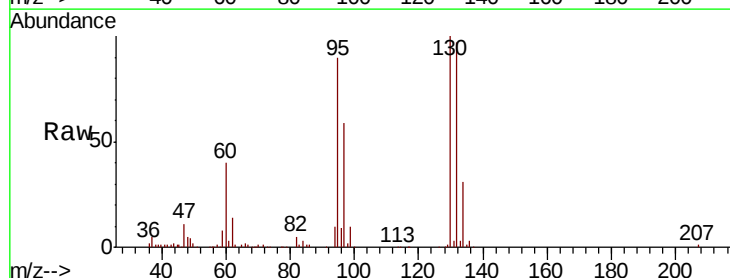
Acq: 30 Aug 2019 23:04

Tgt Ion: 130 Resp: 65931

Ion Ratio Lower Upper

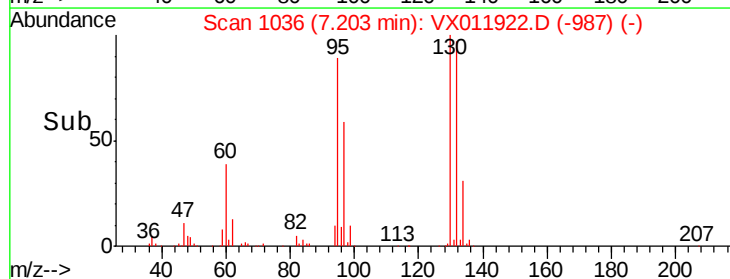
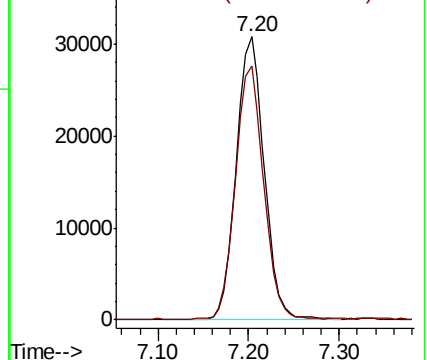
130 100

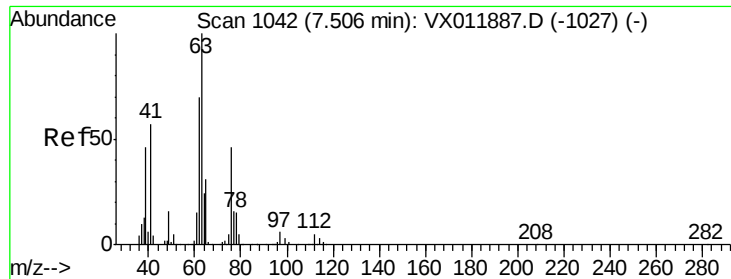
95 89.5 0.0 174.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

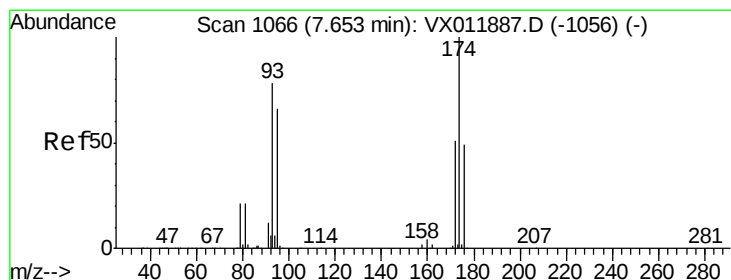
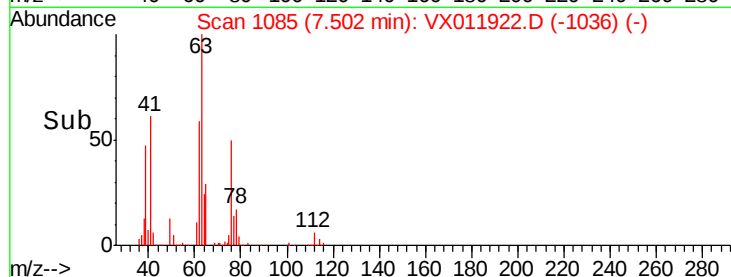
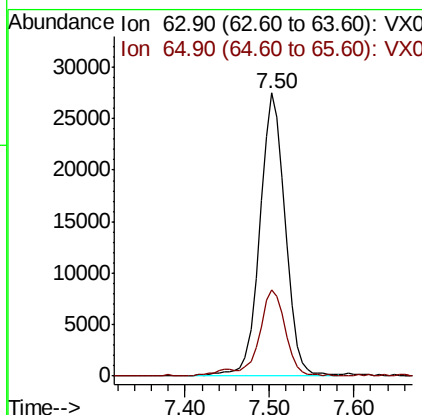
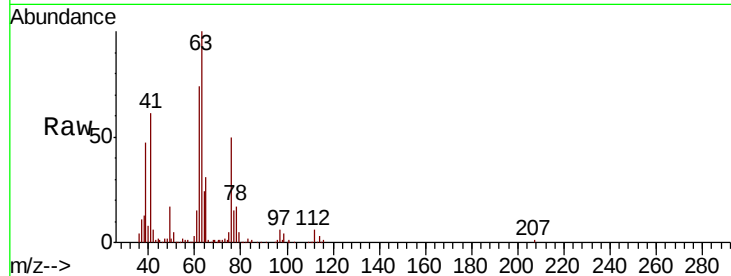




#45
 1,2-Dichloropropane
 Concen: 20.305 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

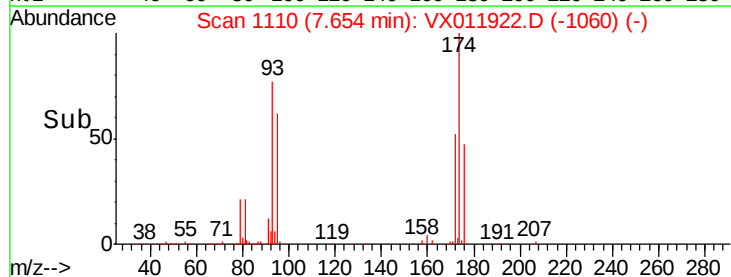
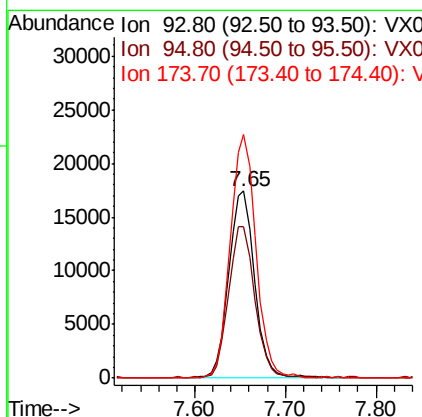
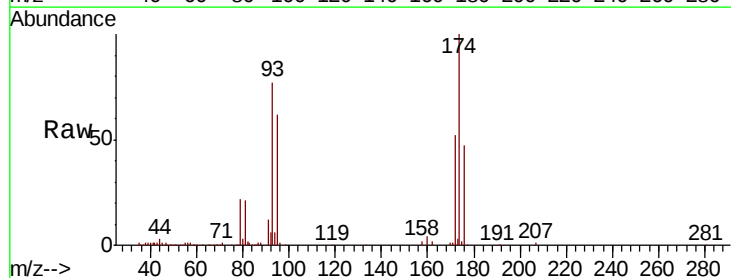
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS02

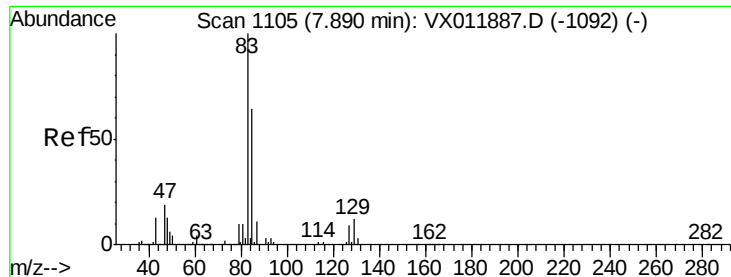
Tgt Ion: 63 Resp: 57494
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.1 37.7



#46
 Dibromomethane
 Concen: 20.609 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

Tgt Ion: 93 Resp: 34632
 Ion Ratio Lower Upper
 93 100
 95 81.3 65.7 98.5
 174 128.9 104.2 156.4





#47

Bromodichloromethane

Concen: 20.349 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS02

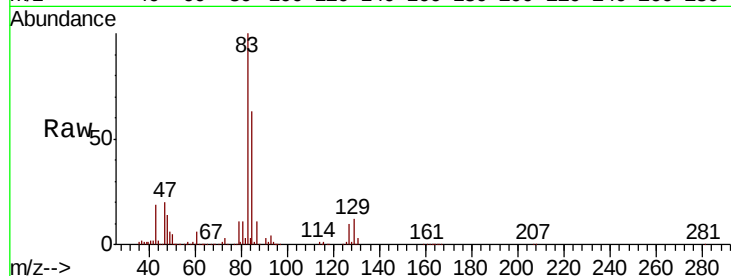
Tgt Ion: 83 Resp: 84795

Ion Ratio Lower Upper

83 100

85 62.9 51.1 76.7

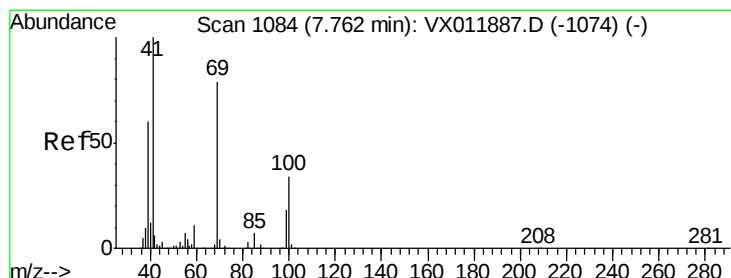
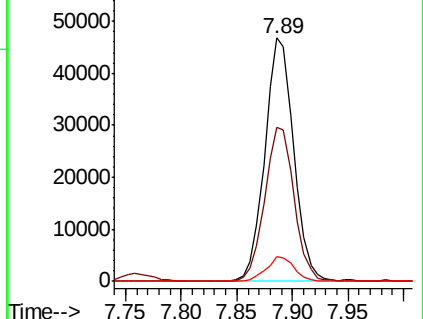
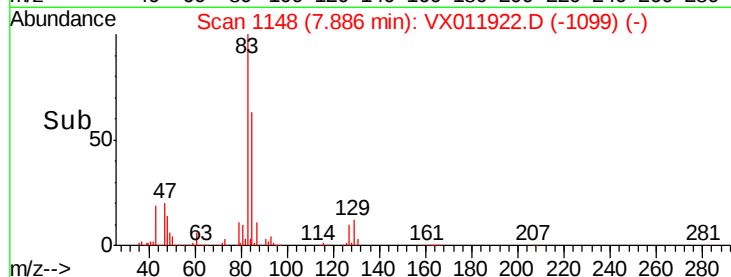
127 9.9 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.960 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

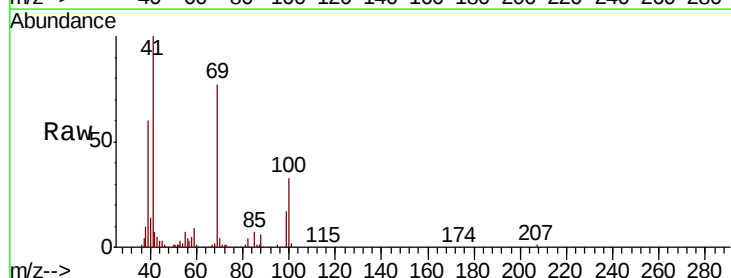
Tgt Ion: 41 Resp: 42267

Ion Ratio Lower Upper

41 100

69 81.0 64.4 96.6

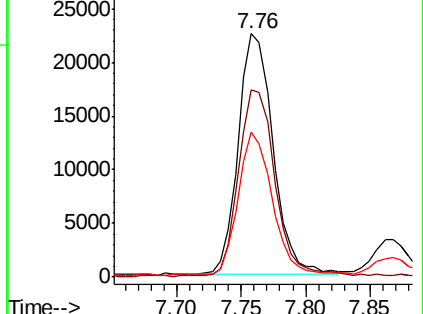
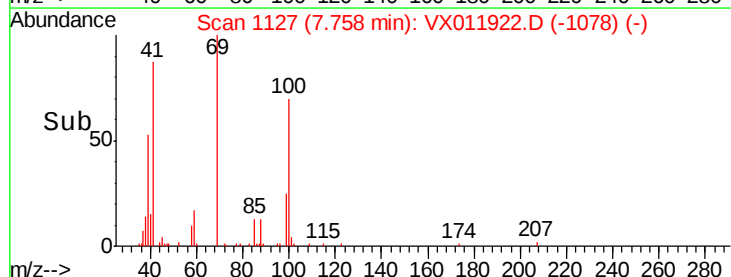
39 59.0 47.2 70.8

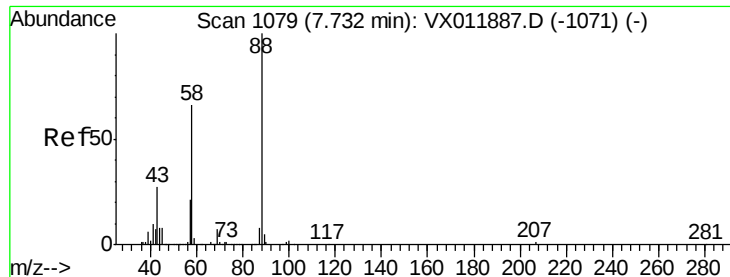


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

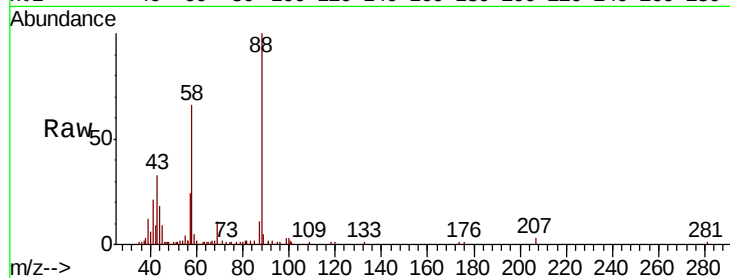




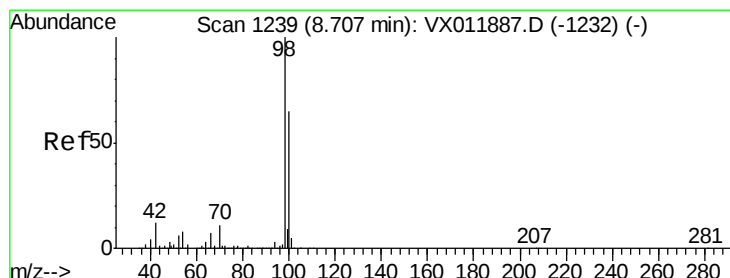
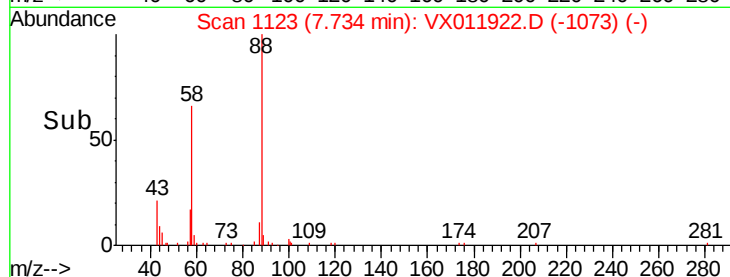
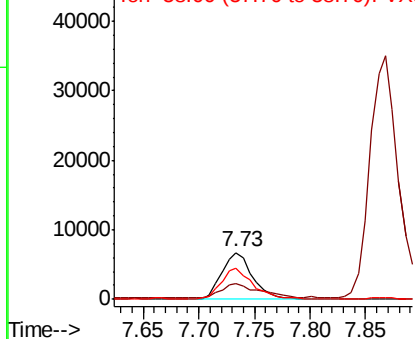
#49
1,4-Dioxane
Concen: 447.147 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS02

Tgt Ion: 88 Resp: 13021
Ion Ratio Lower Upper
88 100
43 37.1 27.3 40.9
58 68.7 53.9 80.9

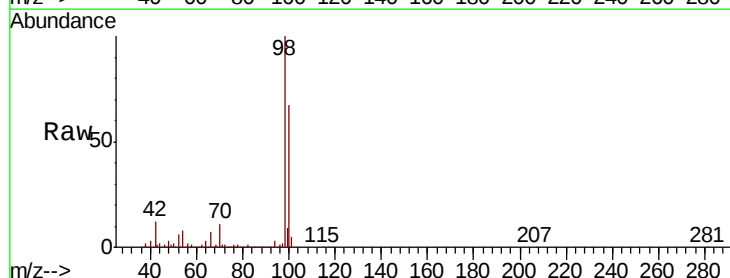


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

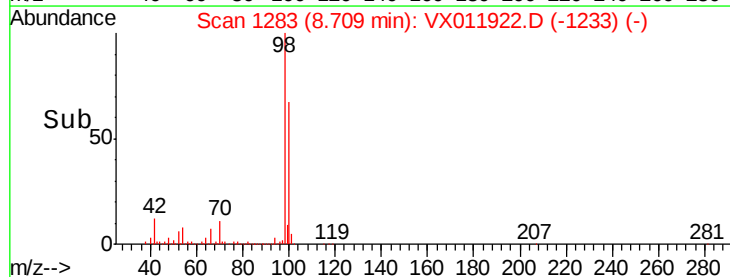
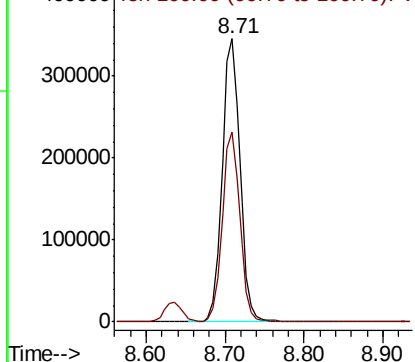


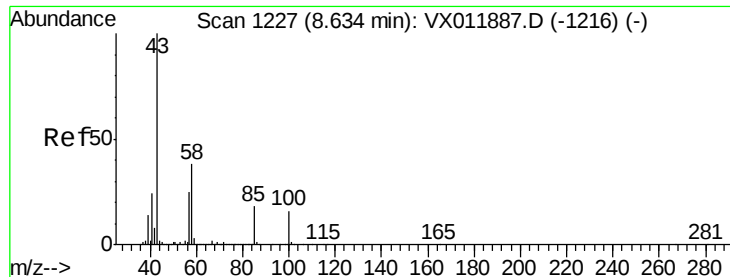
#50
Toluene-d8
Concen: 51.736 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

Tgt Ion: 98 Resp: 542847
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

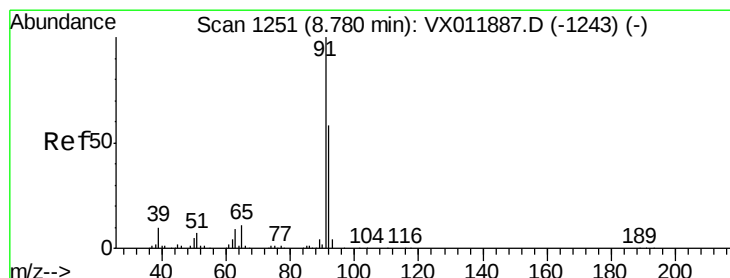
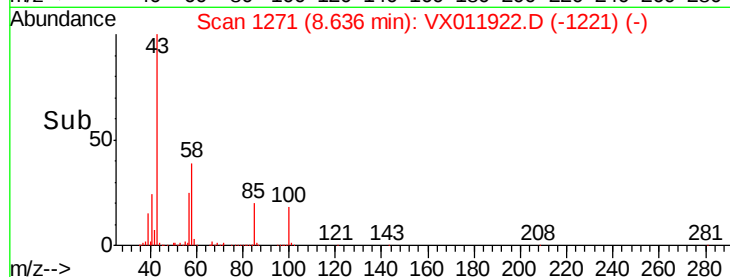
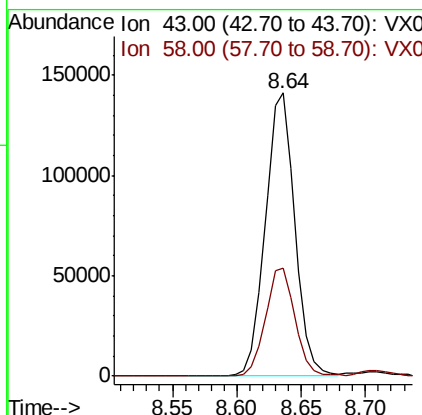
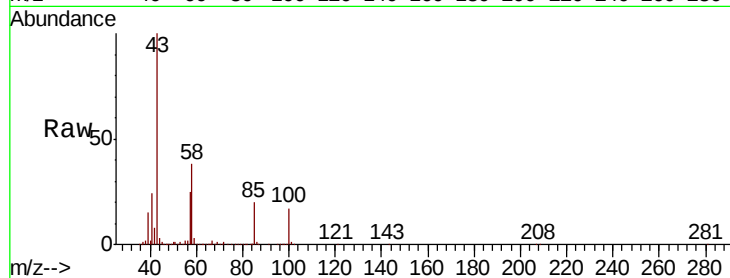




#51
 4-Methyl-2-Pentanone
 Concen: 101.174 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

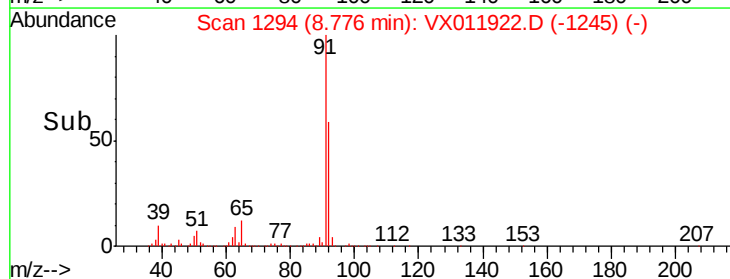
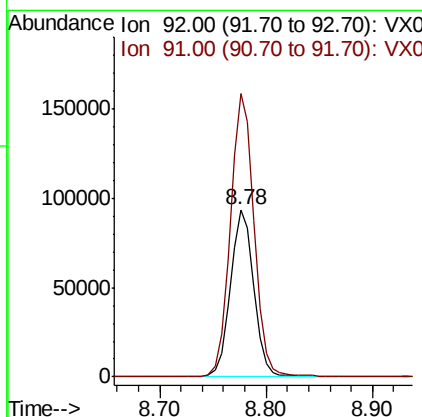
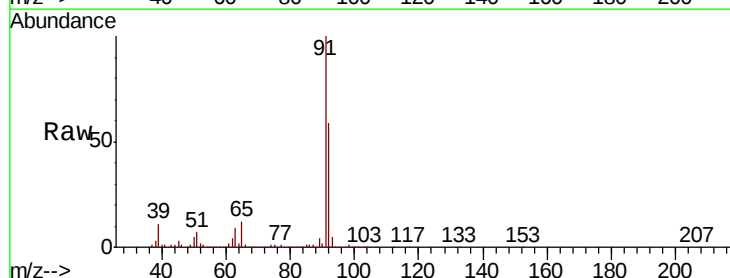
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS02

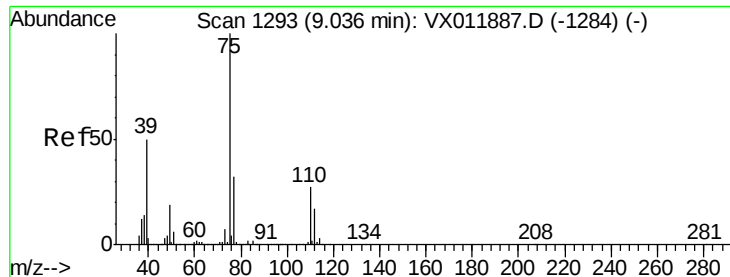
Tgt Ion: 43 Resp: 223693
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.9 46.3



#52
 Toluene
 Concen: 20.126 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

Tgt Ion: 92 Resp: 144134
 Ion Ratio Lower Upper
 92 100
 91 171.1 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 19.798 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

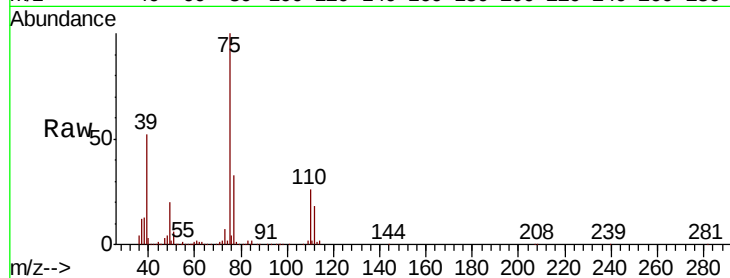
VX0830SBS02

Tgt Ion: 75 Resp: 84507

Ion Ratio Lower Upper

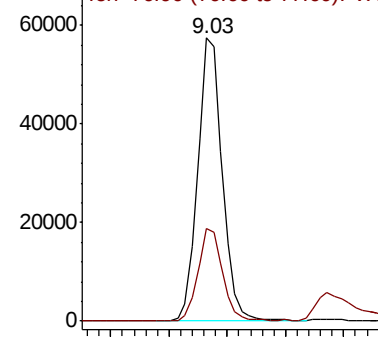
75 100

77 32.4 25.6 38.4

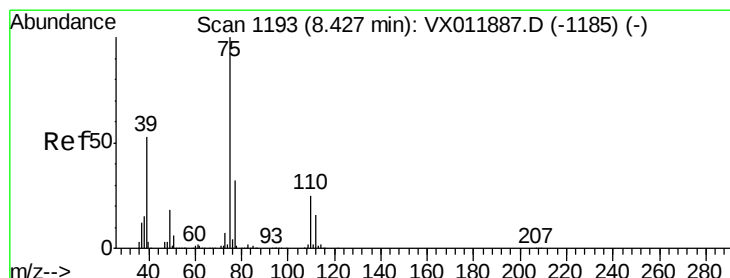
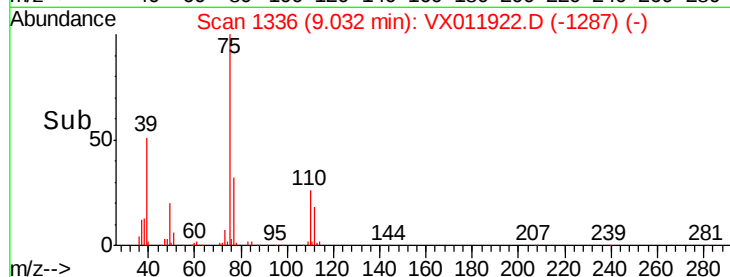


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.032 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

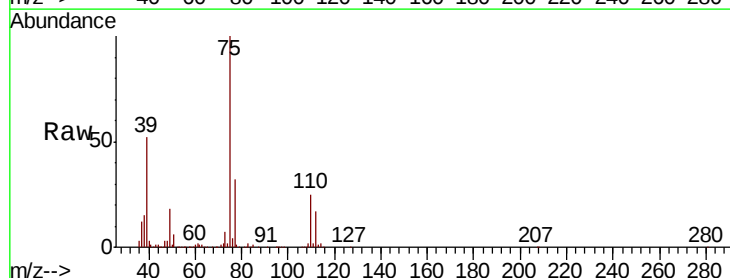
Tgt Ion: 75 Resp: 95982

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3

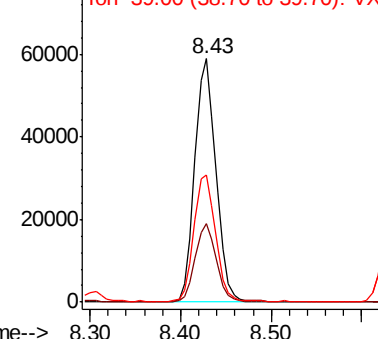
39 52.0 42.6 64.0



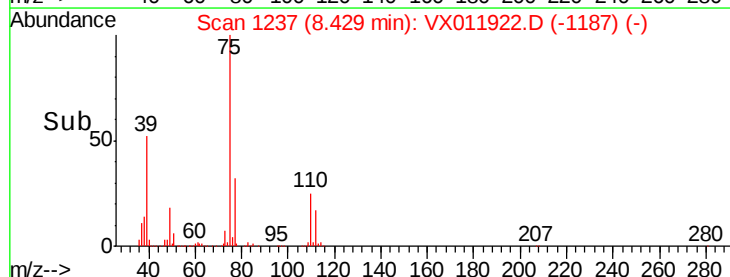
Abundance Ion 74.90 (74.60 to 75.60): VX0

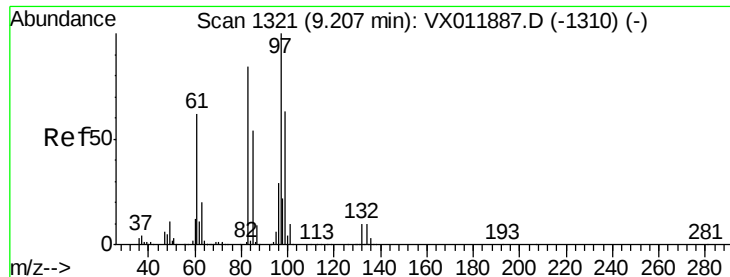
Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->

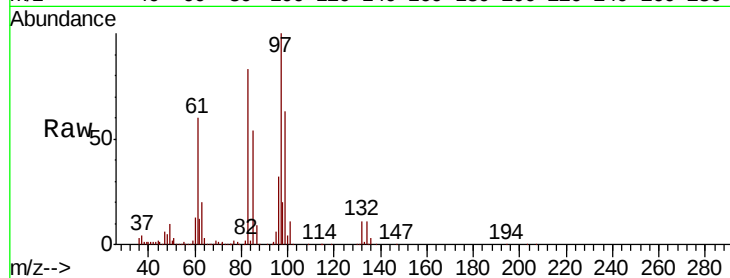




#55
 1,1,2-Trichloroethane
 Concen: 20.700 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS02

Tgt Ion:	97	Resp:	50925
Ion	Ratio	Lower	Upper
97	100		
83	82.7	66.8	100.2
85	54.3	43.5	65.3
99	62.8	50.6	75.8



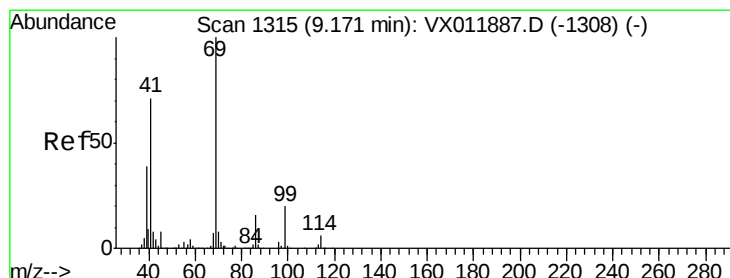
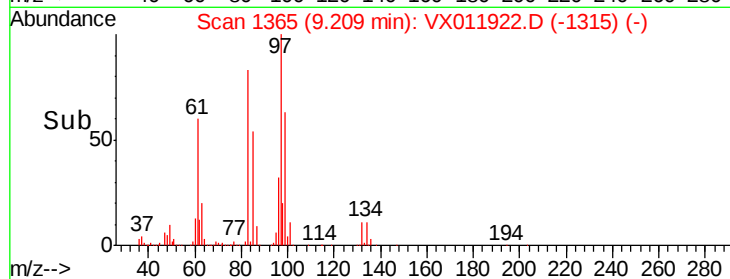
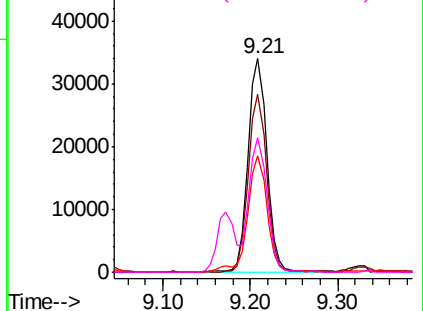
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

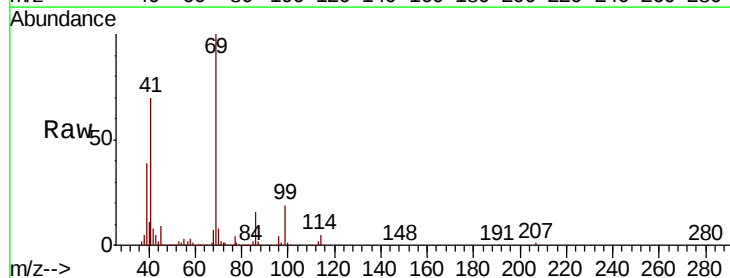
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 19.615 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

Tgt Ion:	69	Resp:	66972
Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.8	83.8
39	39.8	31.1	46.7

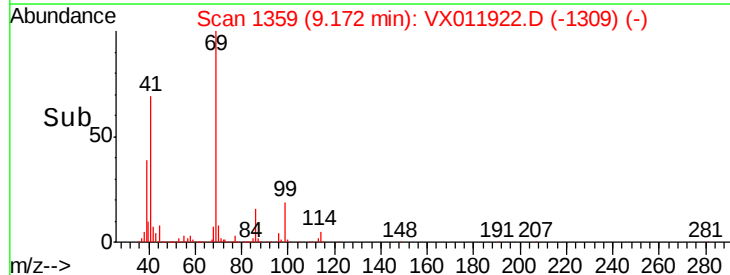
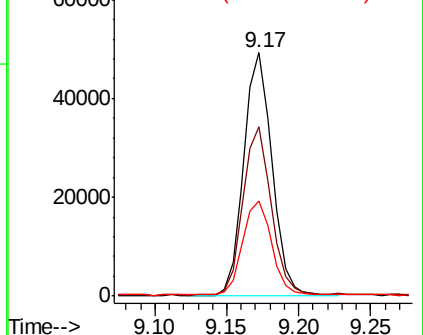


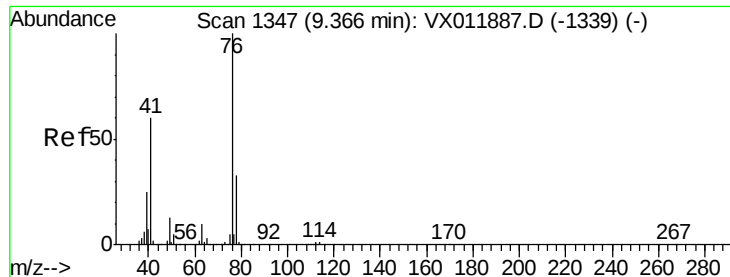
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.589 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

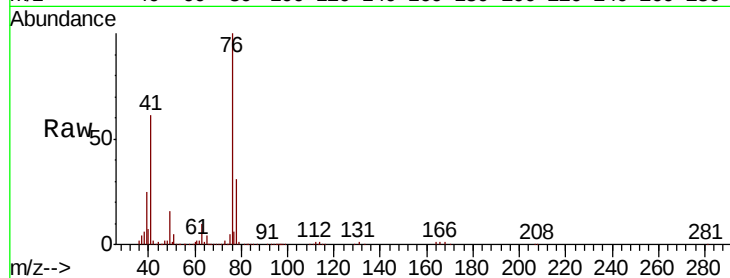
VX0830SBS02

Tgt Ion: 76 Resp: 84072

Ion Ratio Lower Upper

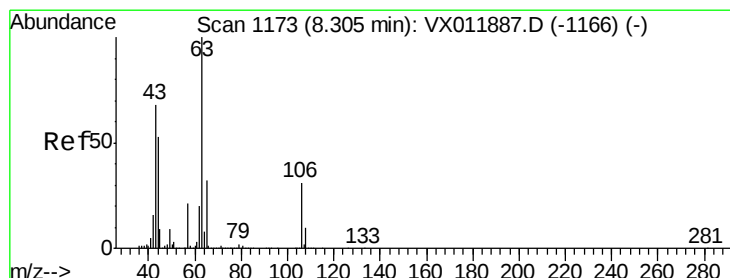
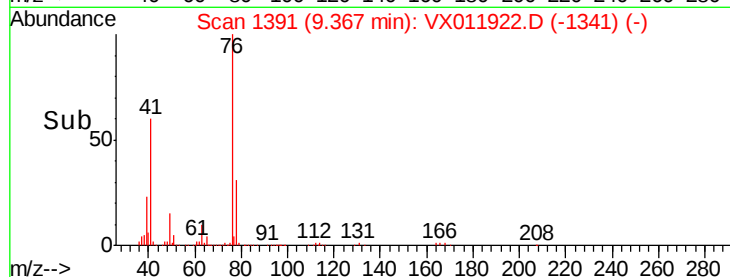
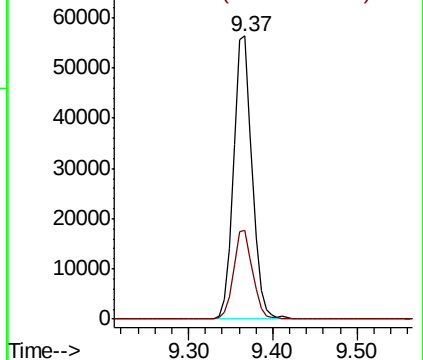
76 100

78 32.3 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 103.376 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.00 min

Lab File: VX011922.D

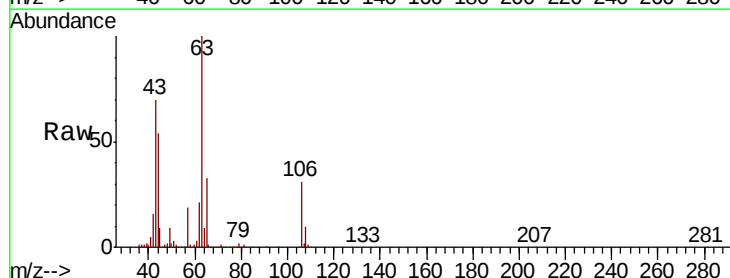
Acq: 30 Aug 2019 23:04

Tgt Ion: 63 Resp: 168114

Ion Ratio Lower Upper

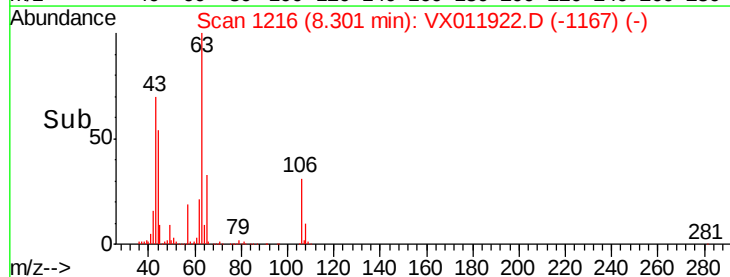
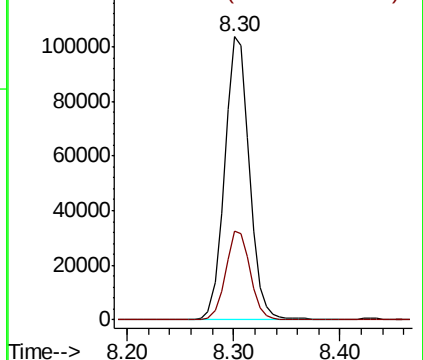
63 100

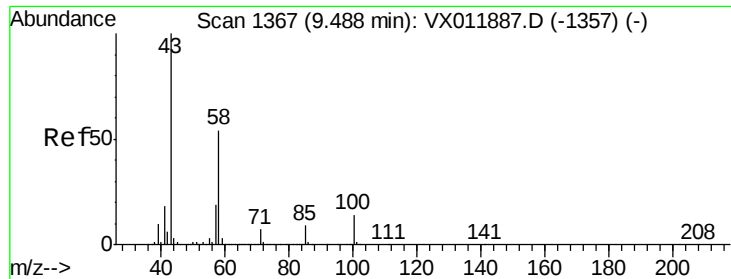
106 31.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

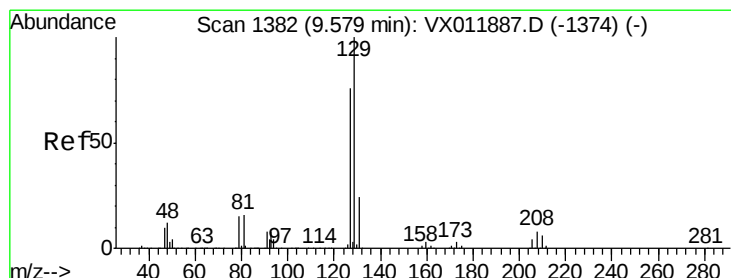
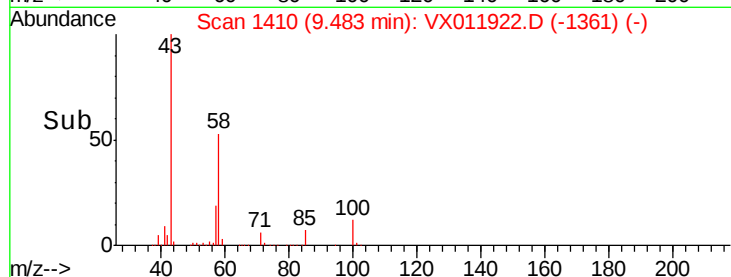
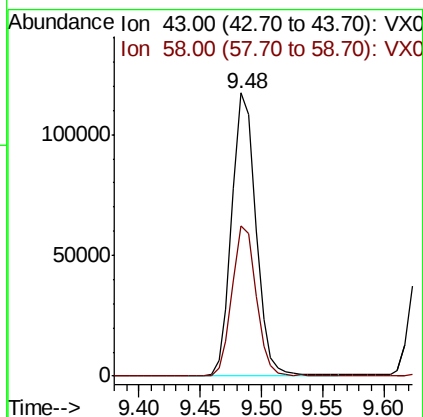
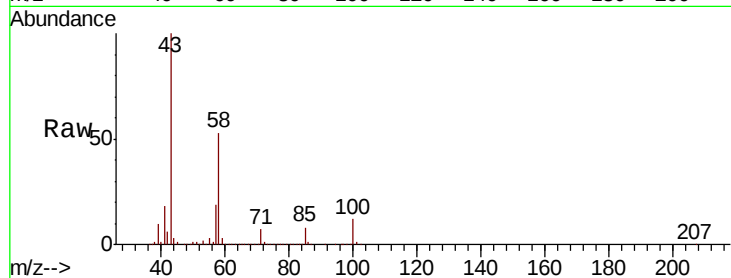




#59
2-Hexanone
Concen: 101.583 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

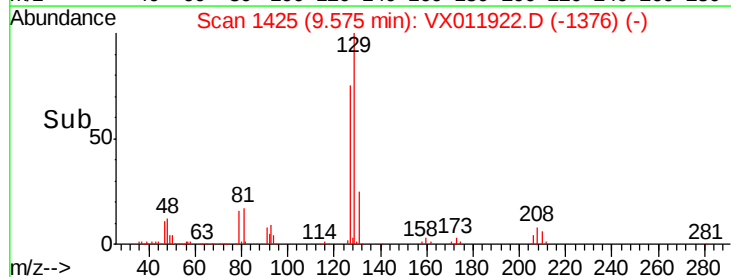
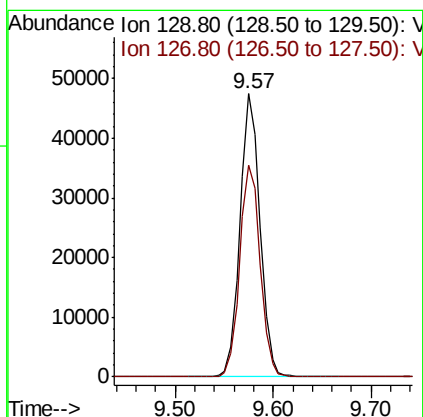
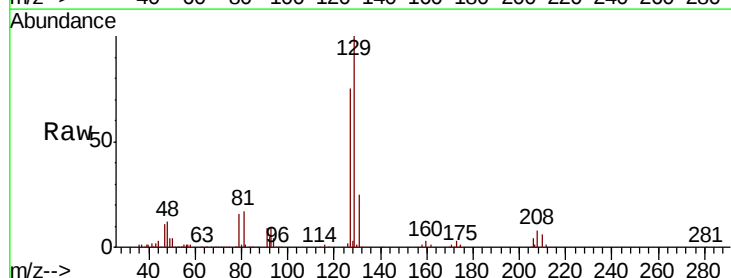
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS02

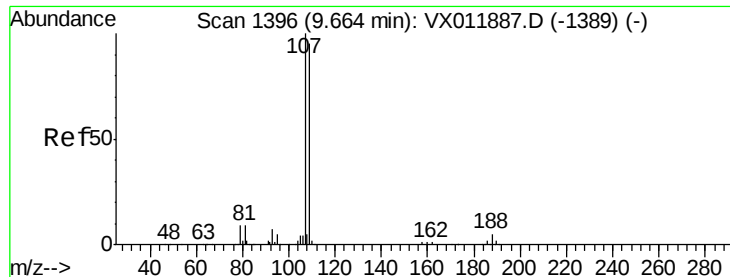
Tgt Ion: 43 Resp: 159540
Ion Ratio Lower Upper
43 100
58 53.8 26.8 80.4



#60
Dibromochloromethane
Concen: 20.369 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

Tgt Ion: 129 Resp: 67302
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.7





#61

1,2-Dibromoethane

Concen: 20.591 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

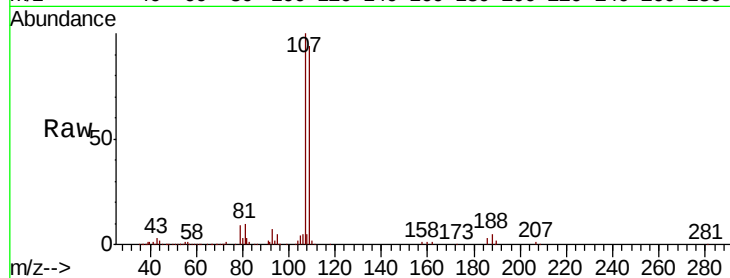
VX0830SBS02

Tgt Ion: 107 Resp: 50224

Ion Ratio Lower Upper

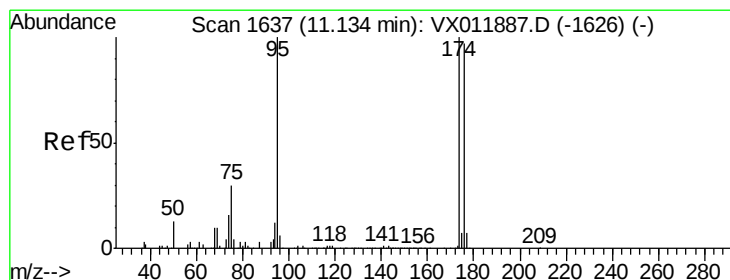
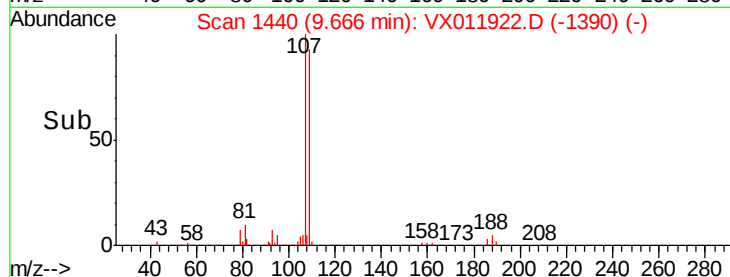
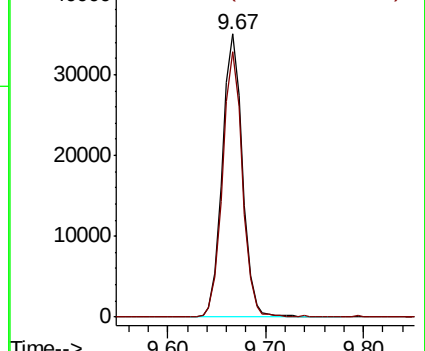
107 100

109 92.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.123 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

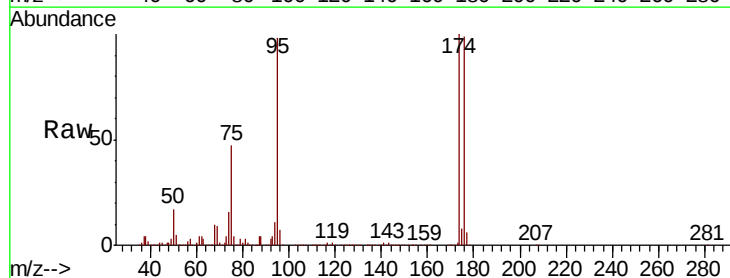
Tgt Ion: 95 Resp: 226104

Ion Ratio Lower Upper

95 100

174 98.7 0.0 196.0

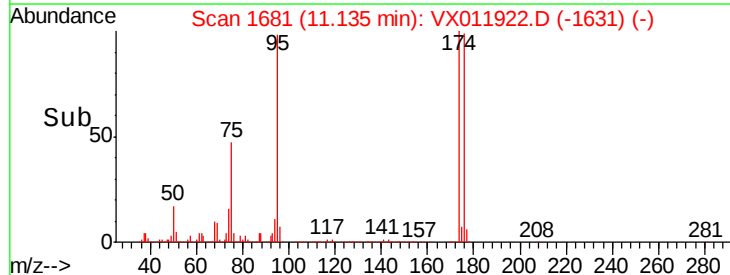
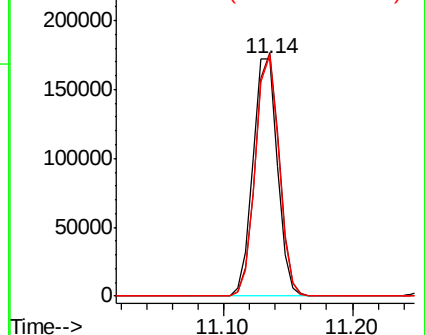
176 96.8 0.0 191.4

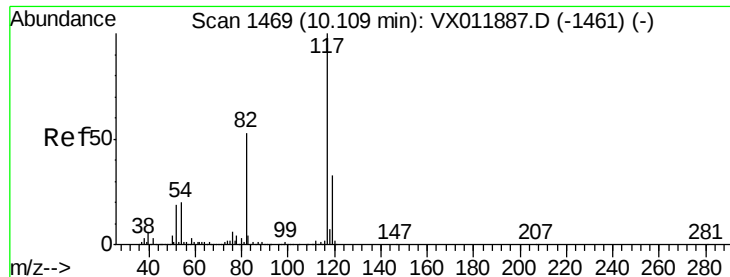


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

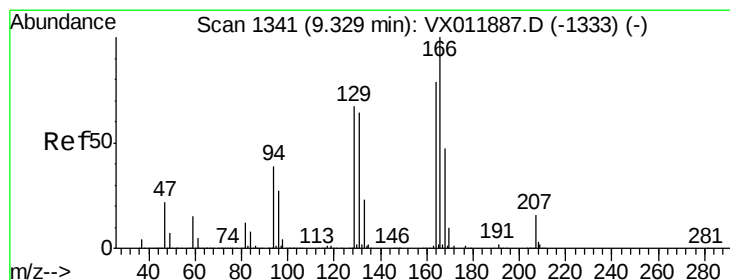
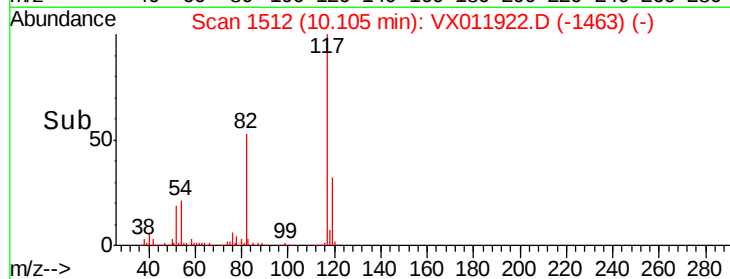
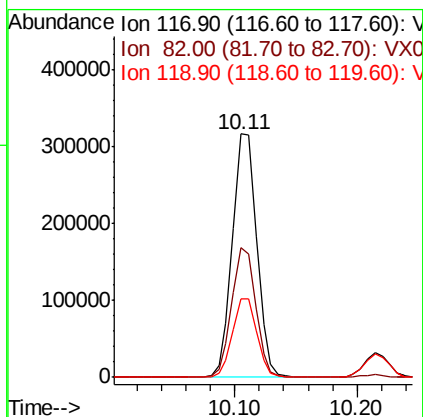
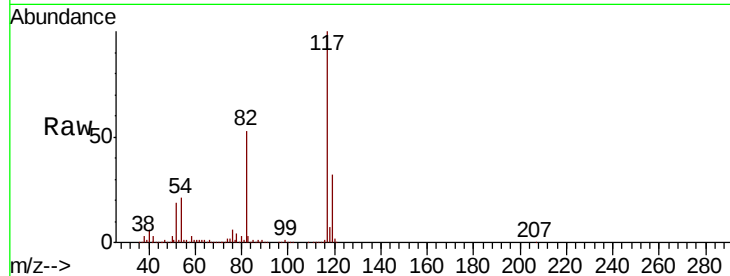




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

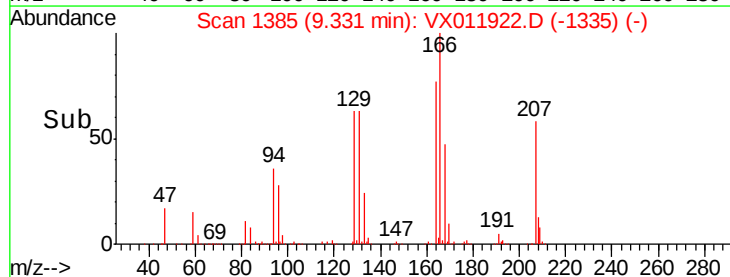
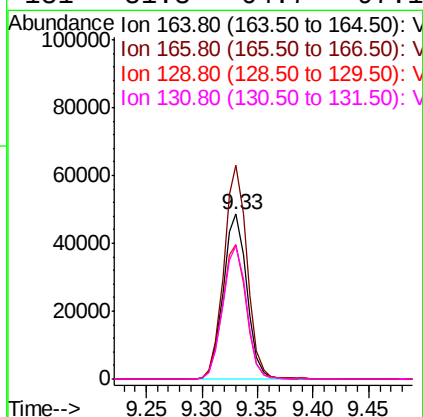
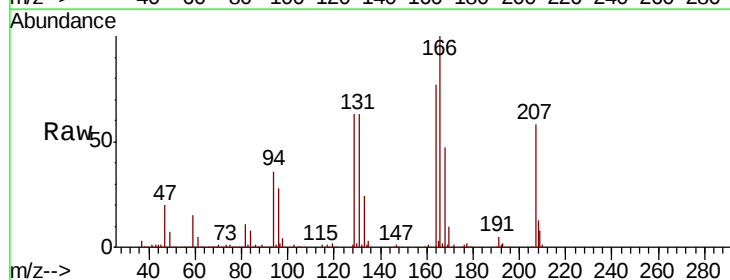
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS02

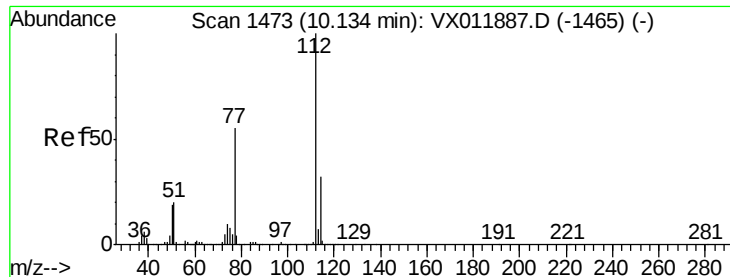
Tgt Ion:117 Resp: 436638
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 32.0 26.2 39.4



#64
Tetrachloroethene
Concen: 20.338 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

Tgt Ion:164 Resp: 71433
Ion Ratio Lower Upper
164 100
166 129.8 101.4 152.0
129 81.5 68.0 102.0
131 81.3 64.7 97.1





#65

Chlorobenzene

Concen: 20.255 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampled :

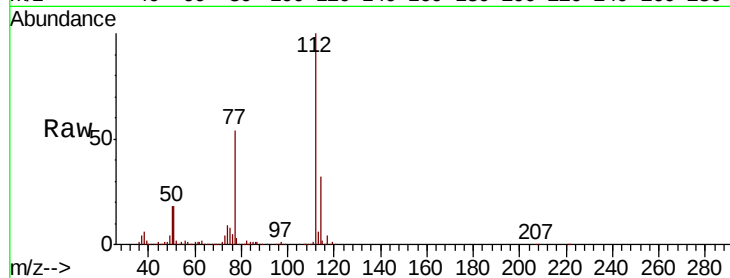
VX0830SBS02

Tgt Ion:112 Resp: 171383

Ion Ratio Lower Upper

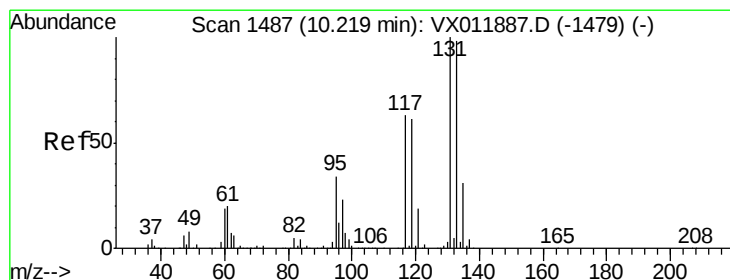
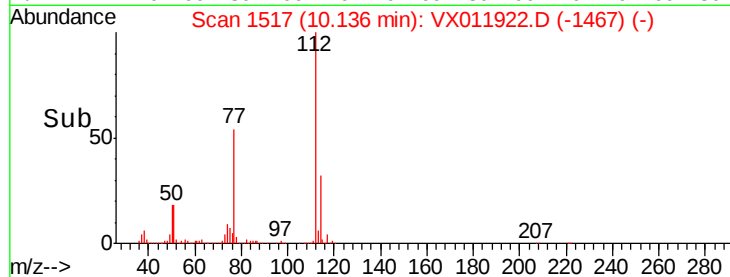
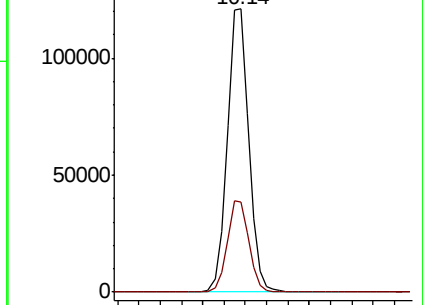
112 100

114 32.0 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.389 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

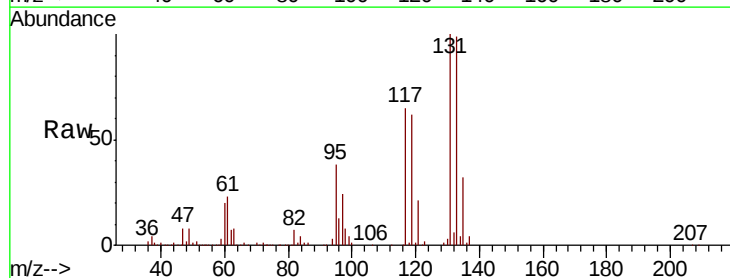
Tgt Ion:131 Resp: 69766

Ion Ratio Lower Upper

131 100

133 96.2 48.4 145.0

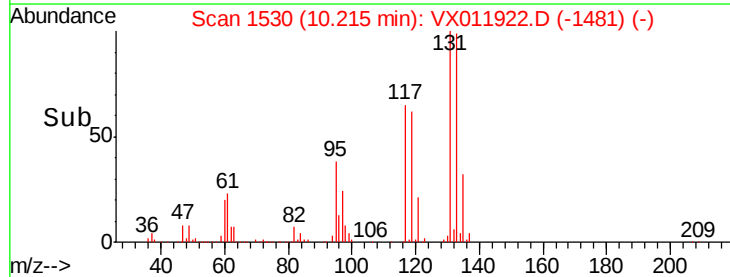
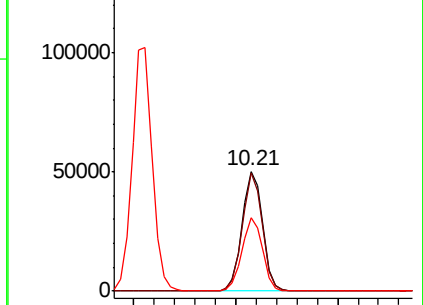
119 60.5 30.6 92.0

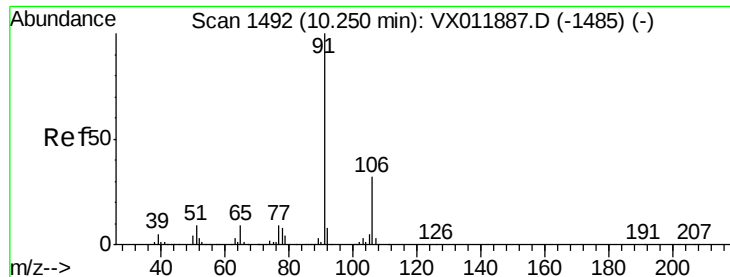


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.909 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

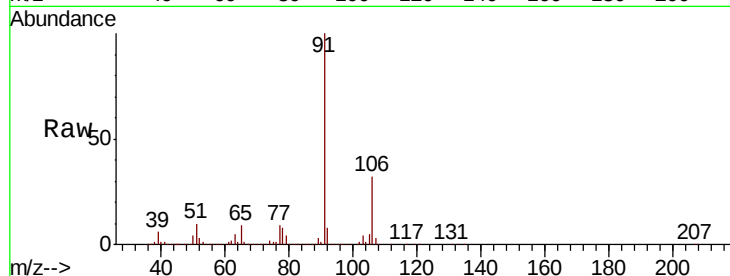
VX0830SBS02

Tgt Ion: 91 Resp: 286550

Ion Ratio Lower Upper

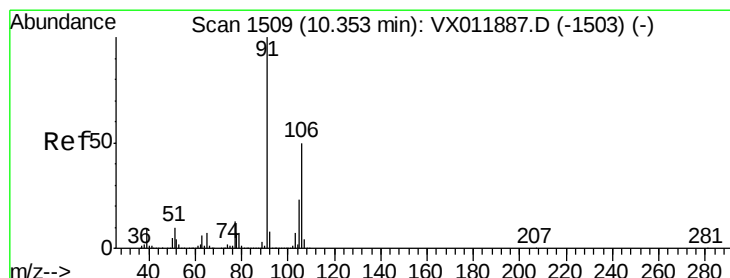
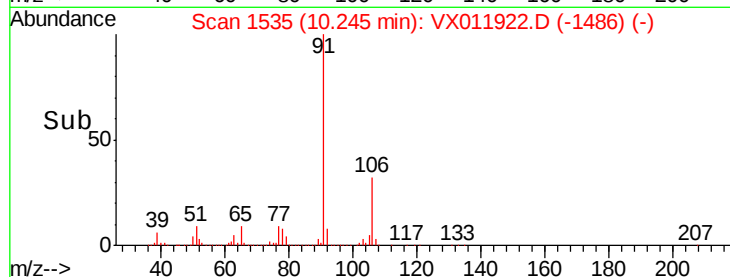
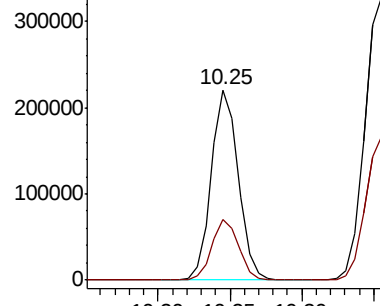
91 100

106 31.6 25.8 38.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.305 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX011922.D

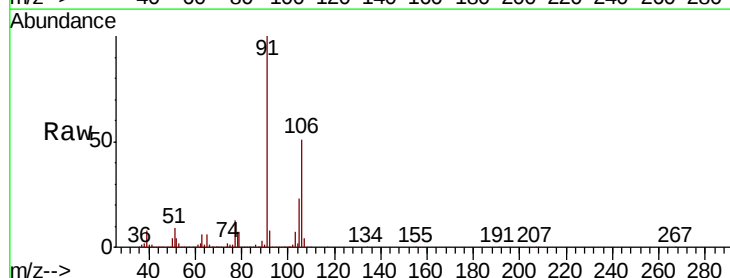
Acq: 30 Aug 2019 23:04

Tgt Ion: 106 Resp: 224001

Ion Ratio Lower Upper

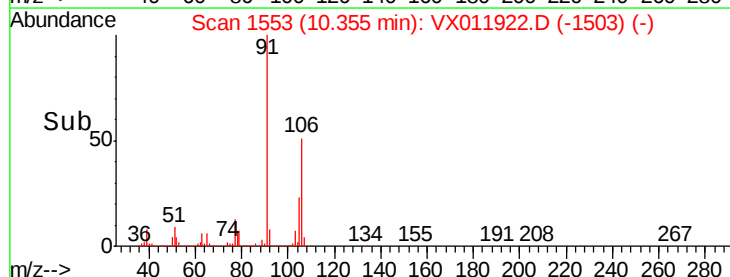
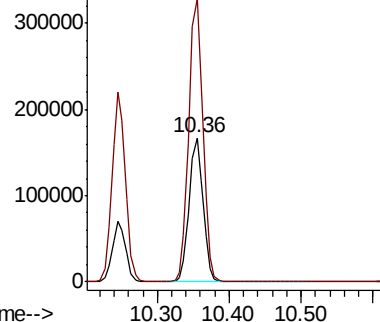
106 100

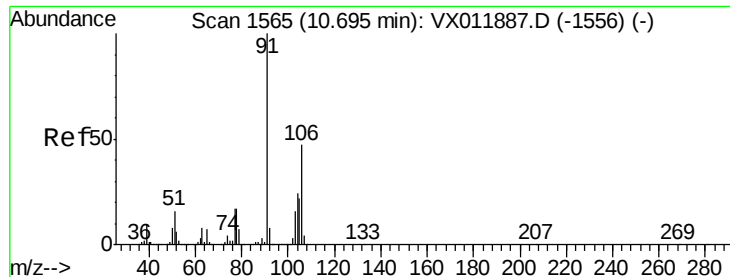
91 199.2 158.6 237.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

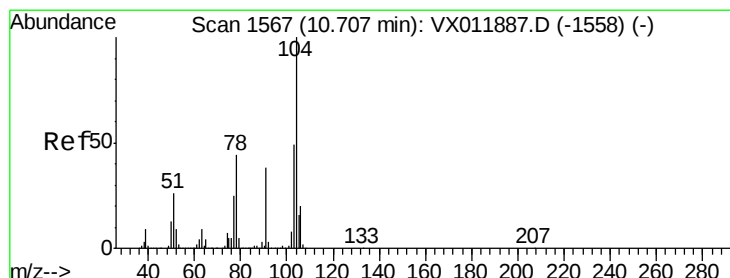
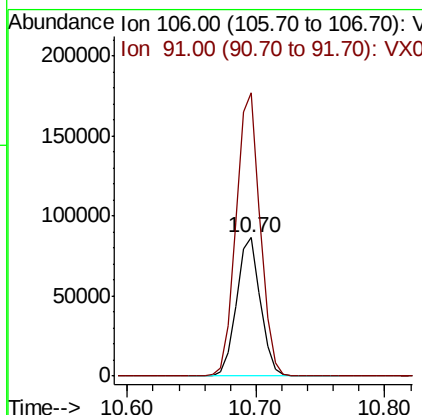
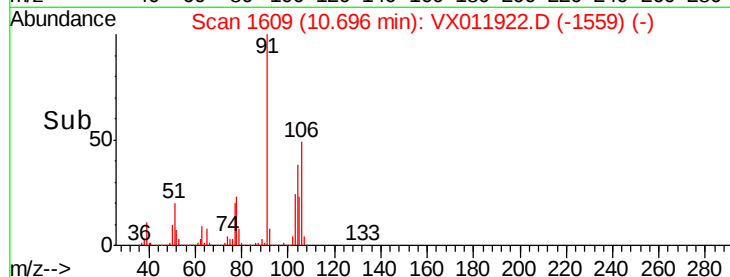
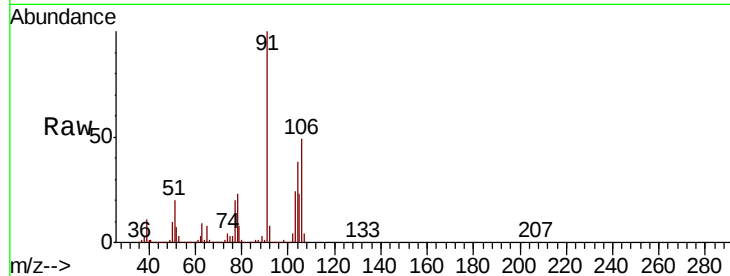




#69
o-Xylene
Concen: 20.484 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

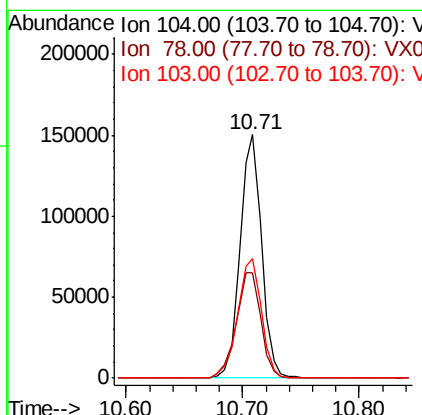
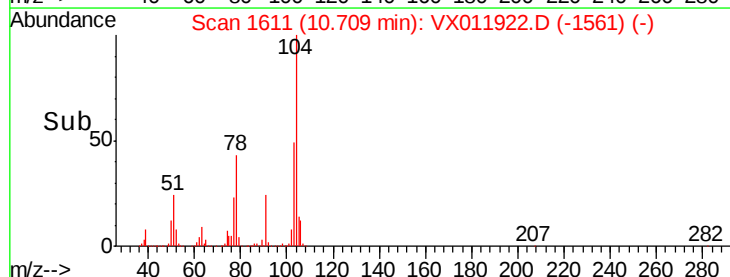
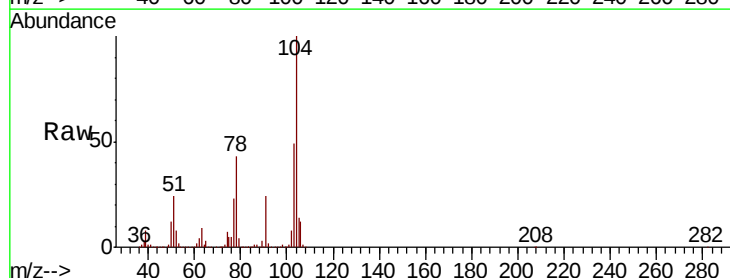
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS02

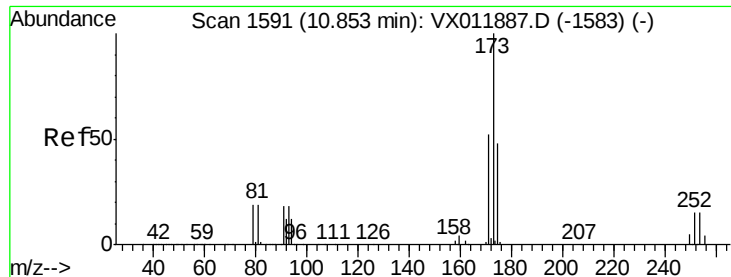
Tgt Ion:106 Resp: 110935
Ion Ratio Lower Upper
106 100
91 206.9 104.8 314.6



#70
Styrene
Concen: 20.336 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

Tgt Ion:104 Resp: 194120
Ion Ratio Lower Upper
104 100
78 49.9 39.2 58.8
103 54.5 43.0 64.6





#71

Bromoform

Concen: 20.524 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS02

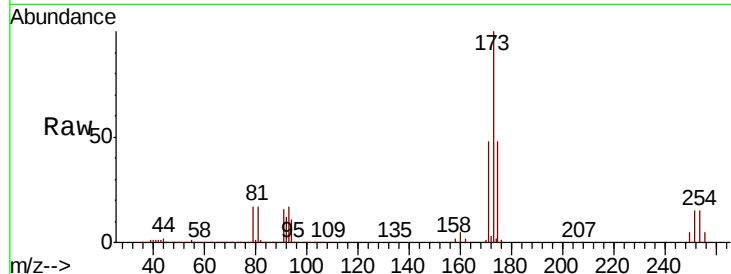
Tgt Ion:173 Resp: 49657

Ion Ratio Lower Upper

173 100

175 48.1 24.4 73.2

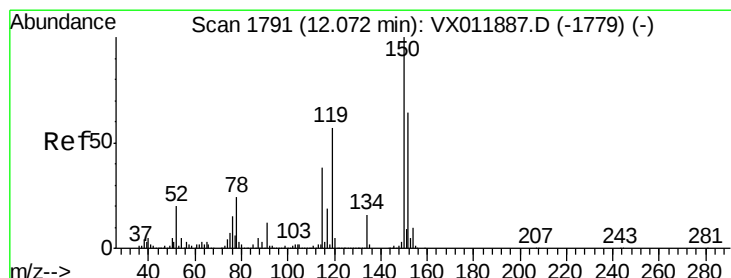
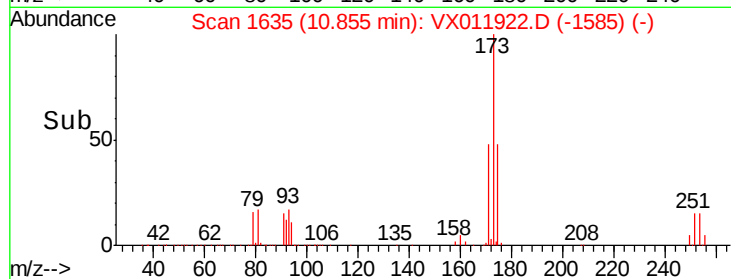
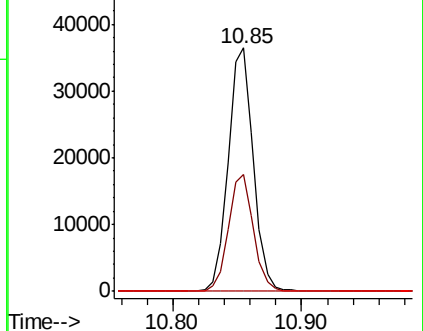
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

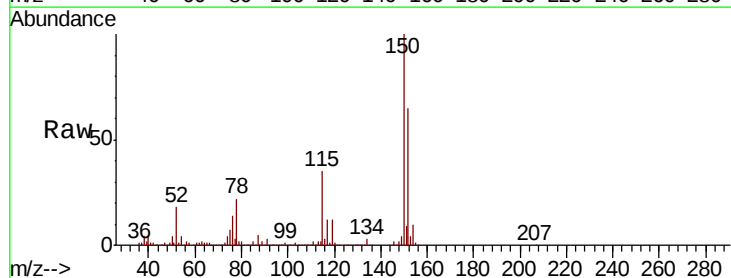
Tgt Ion:152 Resp: 259464

Ion Ratio Lower Upper

152 100

115 61.6 37.1 111.3

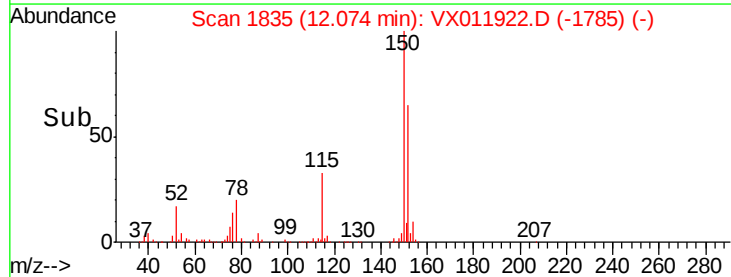
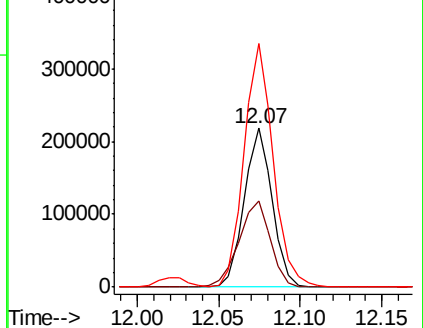
150 160.9 0.0 339.6

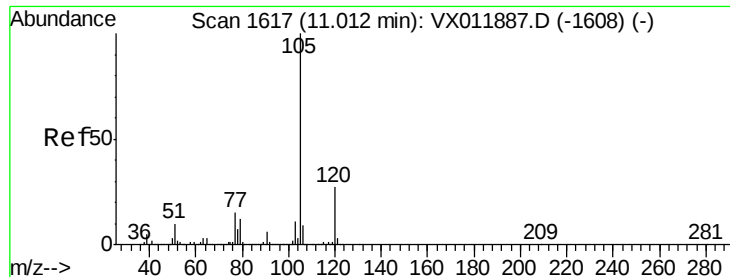


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.320 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

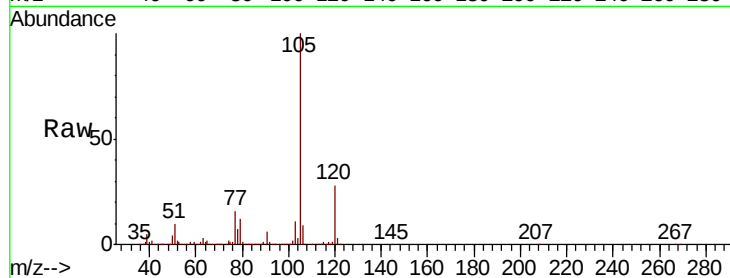
VX0830SBS02

Tgt Ion: 105 Resp: 288020

Ion Ratio Lower Upper

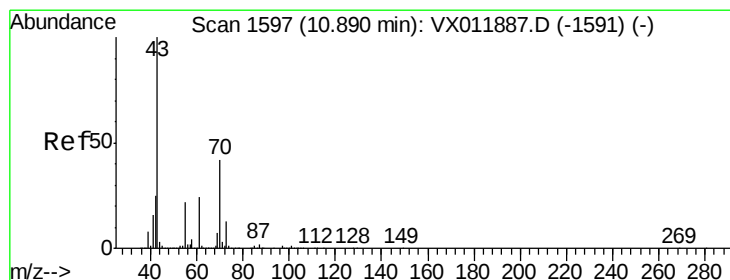
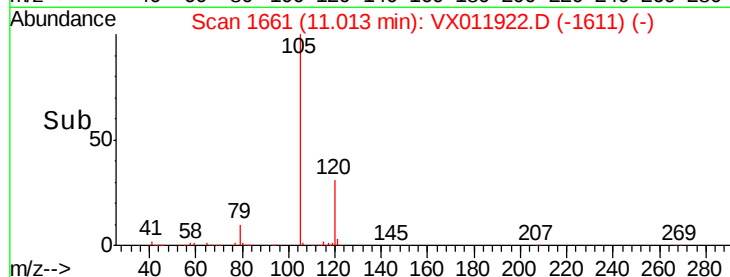
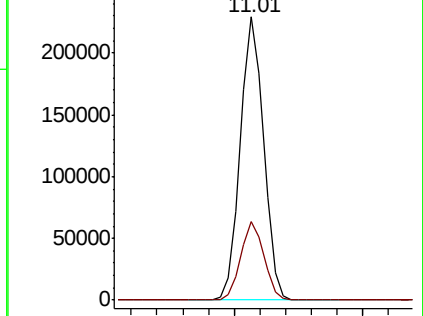
105 100

120 27.7 13.8 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.316 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Tgt Ion: 43 Resp: 85458

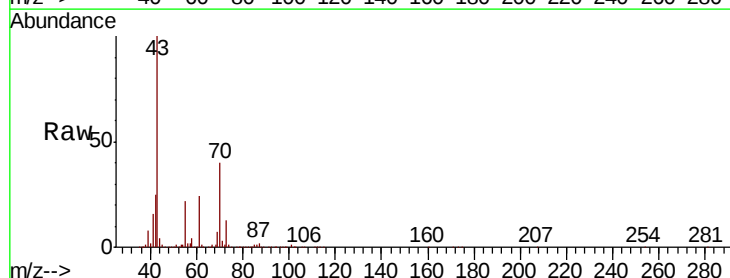
Ion Ratio Lower Upper

43 100

70 41.9 0.2 0.2#

55 23.1 0.1 0.1#

61 24.0 16.4 24.6

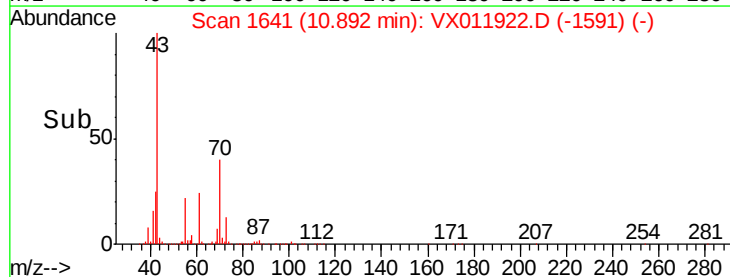
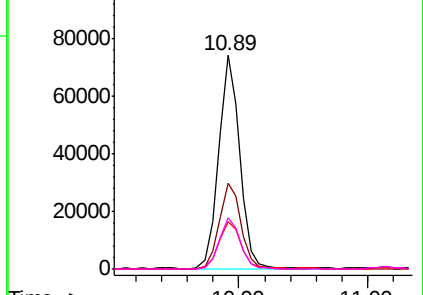


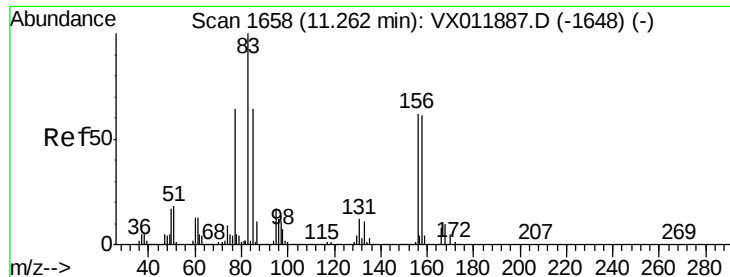
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

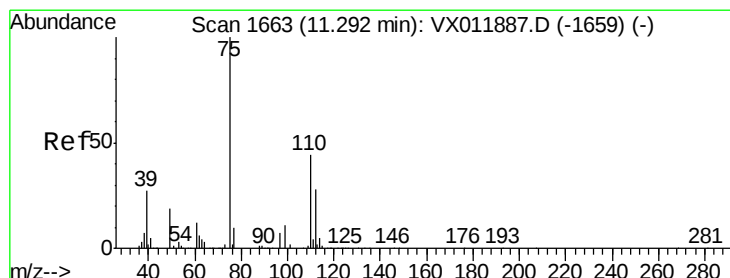
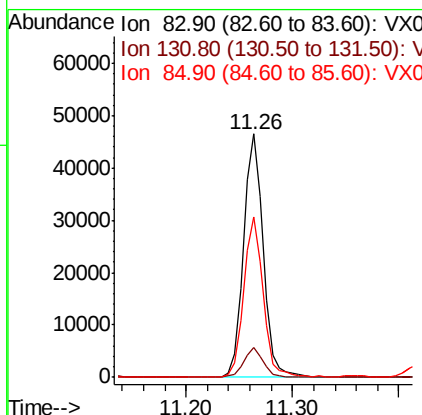
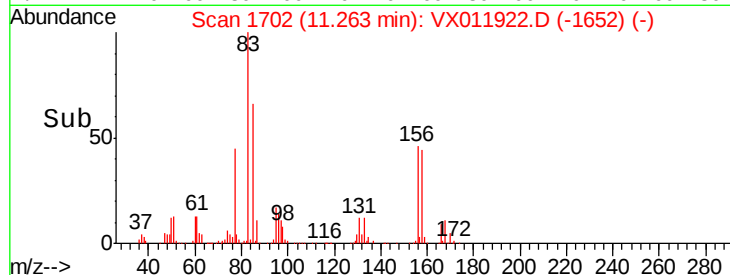
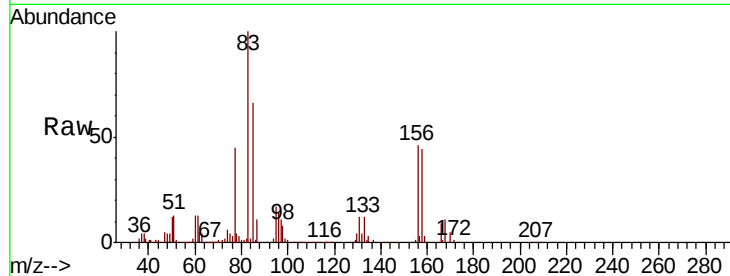




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.852 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

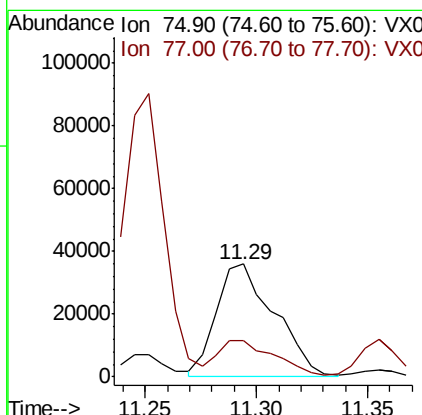
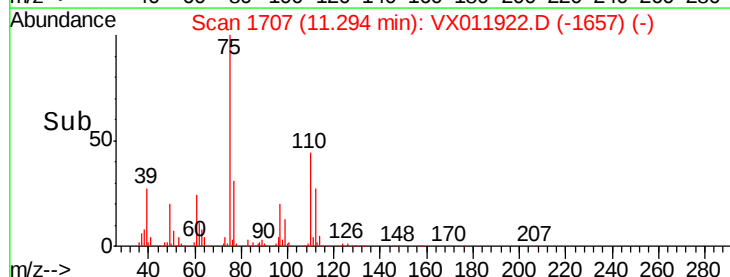
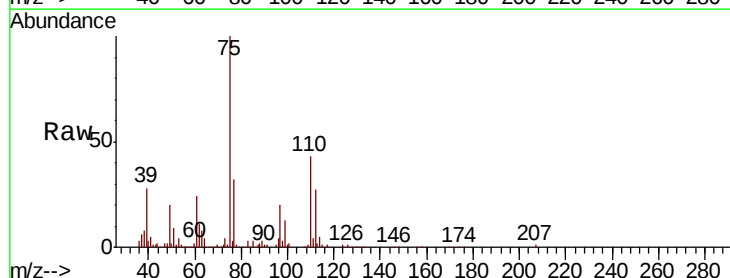
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS02

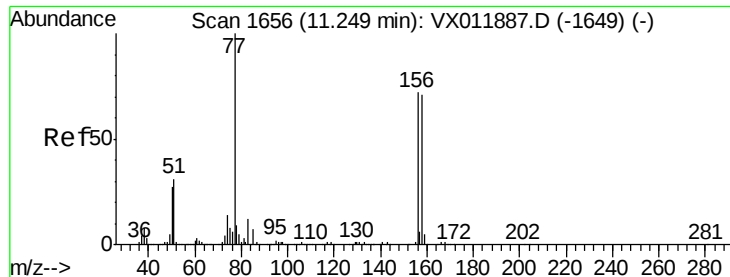
Tgt Ion:	83	Resp:	60569
Ion	Ratio	Lower	Upper
83	100		
131	12.0	6.0	18.0
85	65.2	31.9	95.9



#76
 1,2,3-Trichloropropane
 Concen: 25.532 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

Tgt Ion:	75	Resp:	65166
Ion	Ratio	Lower	Upper
75	100		
77	31.6	20.9	62.7





#77

Bromobenzene

Concen: 20.075 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS02

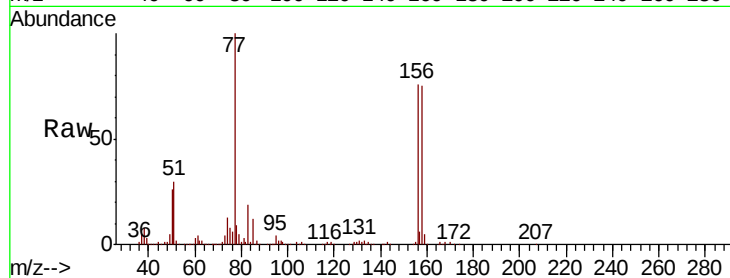
Tgt Ion:156 Resp: 86801

Ion Ratio Lower Upper

156 100

77 135.6 68.1 204.3

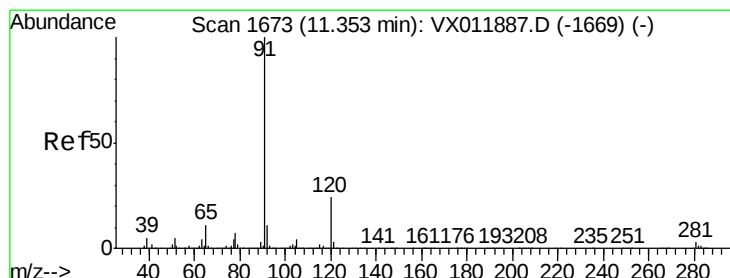
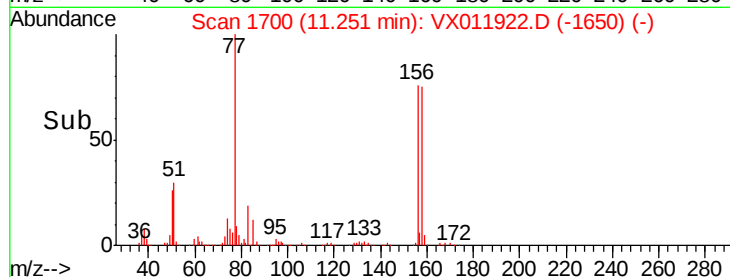
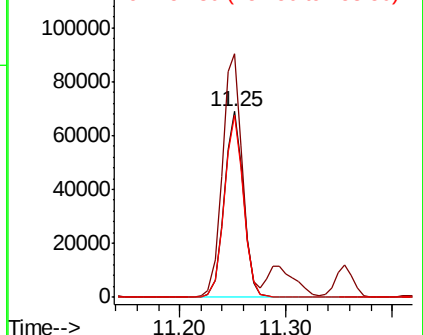
158 97.7 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.803 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX011922.D

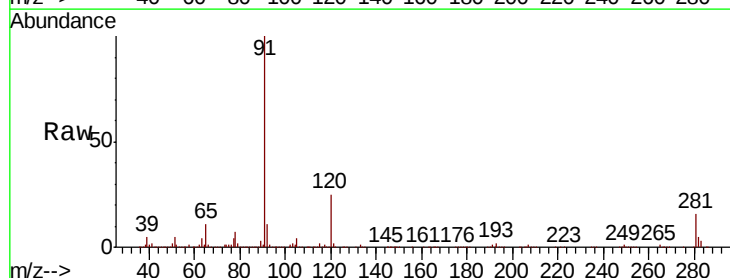
Acq: 30 Aug 2019 23:04

Tgt Ion: 91 Resp: 334784

Ion Ratio Lower Upper

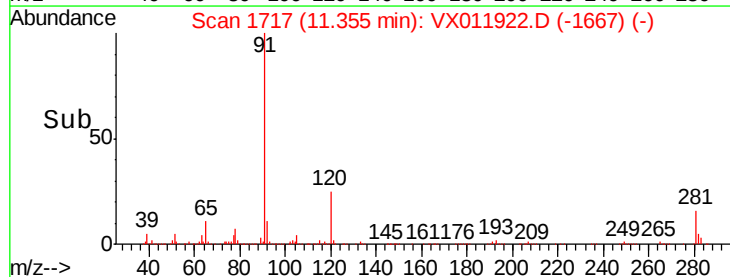
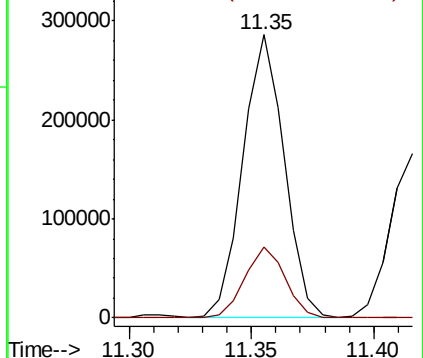
91 100

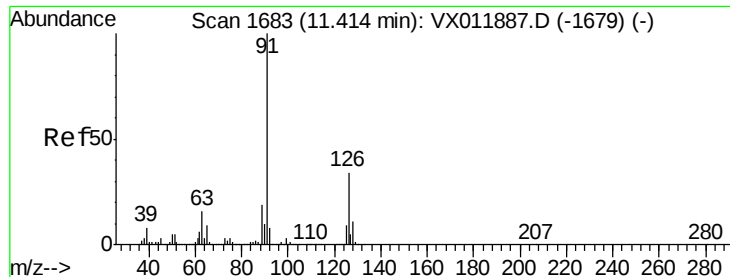
120 25.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

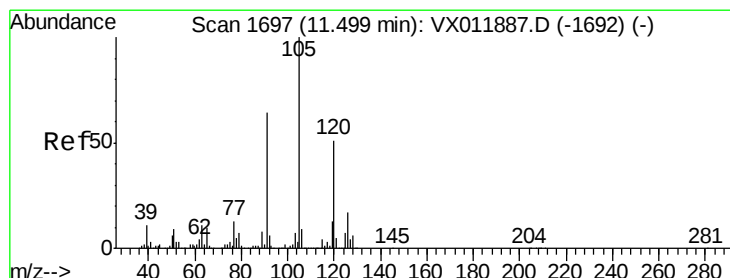
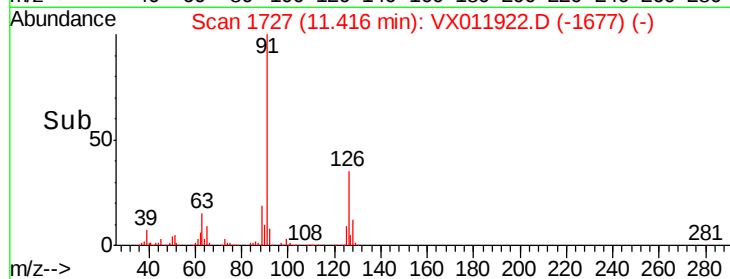
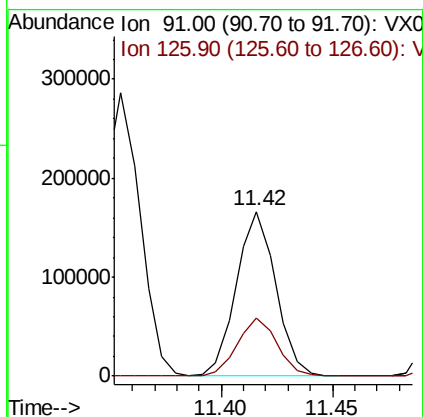
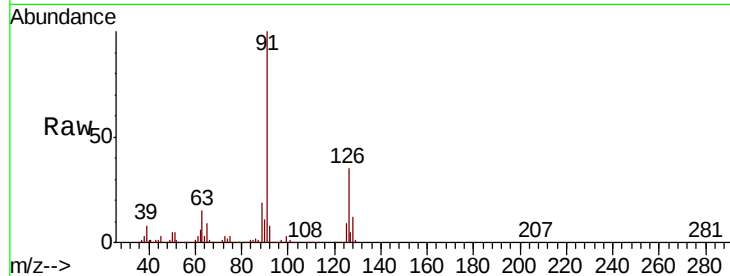




#79
 2-Chlorotoluene
 Concen: 20.078 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

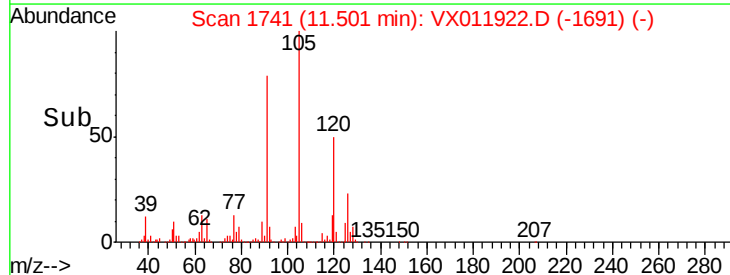
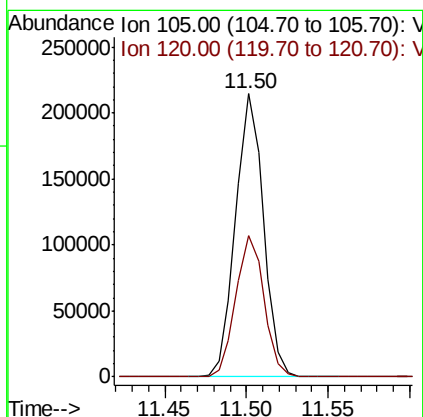
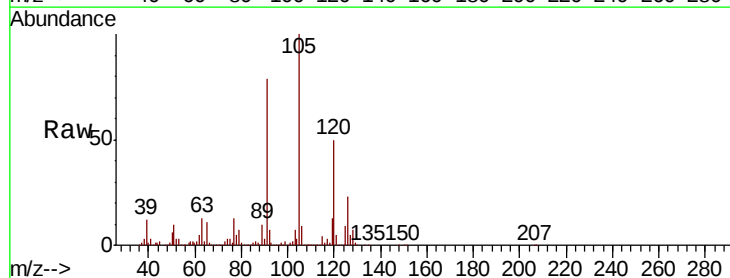
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS02

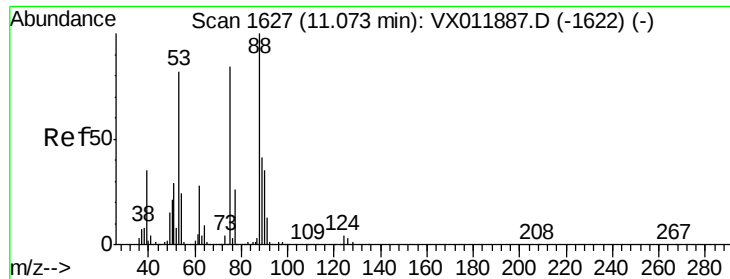
Tgt Ion: 91 Resp: 204305
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 19.887 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

Tgt Ion: 105 Resp: 255905
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 18.877 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS02

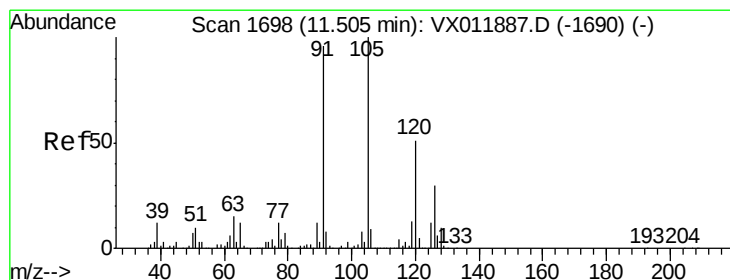
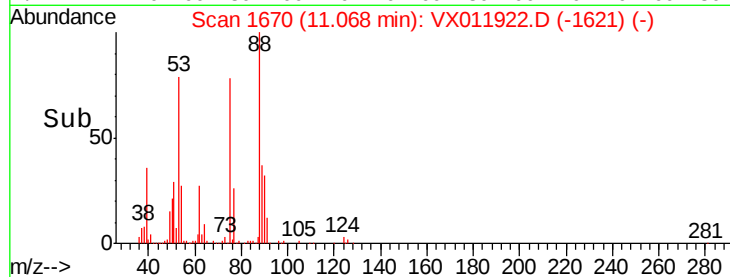
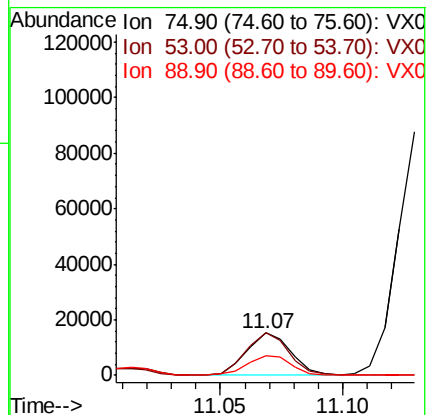
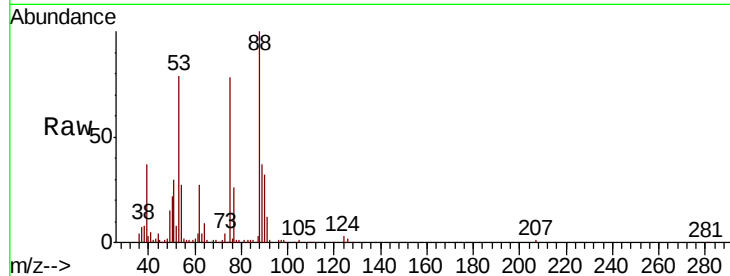
Tgt Ion: 75 Resp: 19179

Ion Ratio Lower Upper

75 100

53 98.5 77.1 115.7

89 48.3 38.2 57.2



#82

4-Chlorotoluene

Concen: 20.049 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX011922.D

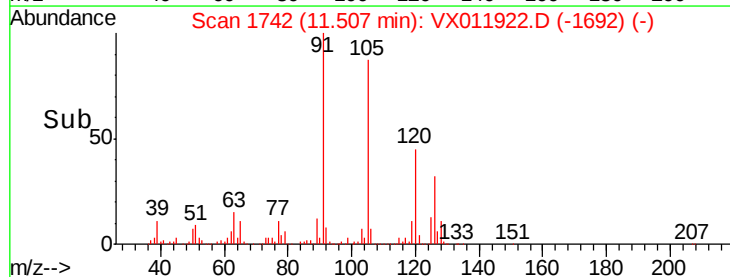
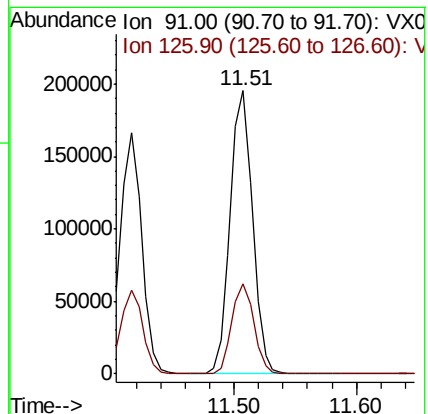
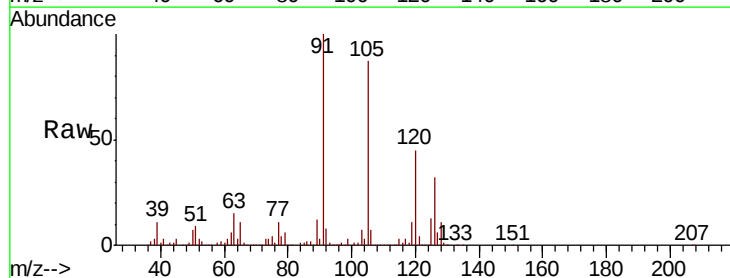
Acq: 30 Aug 2019 23:04

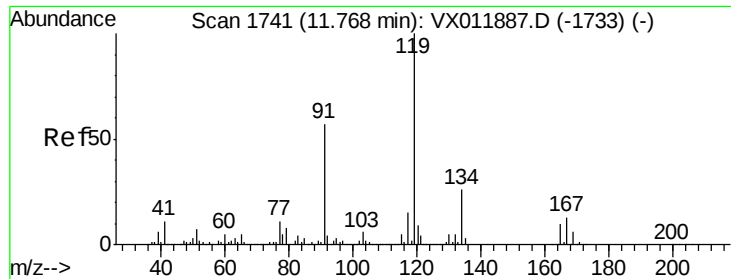
Tgt Ion: 91 Resp: 246125

Ion Ratio Lower Upper

91 100

126 31.4 15.9 47.6

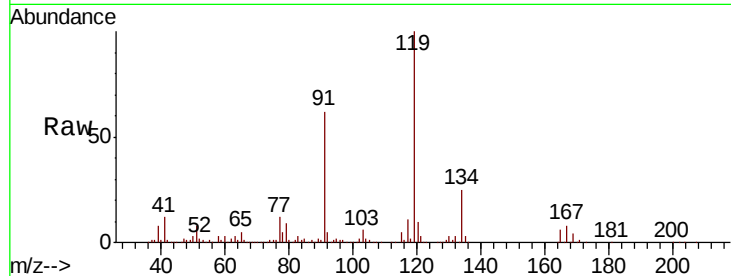




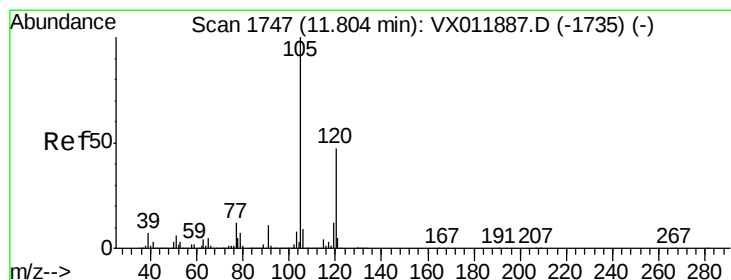
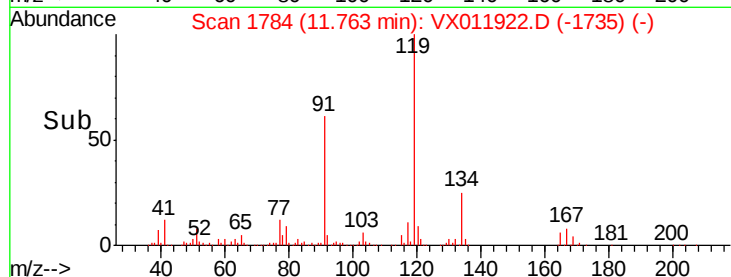
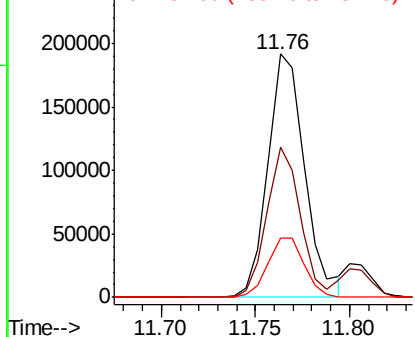
#83
 tert-Butylbenzene
 Concen: 19.948 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS02

Tgt Ion:119 Resp: 260462
 Ion Ratio Lower Upper
 119 100
 91 55.9 27.9 83.6
 134 24.3 12.3 36.8

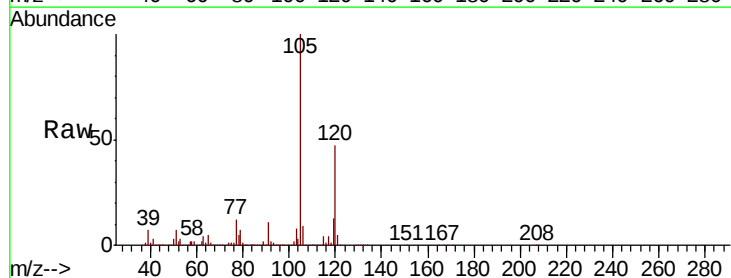


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

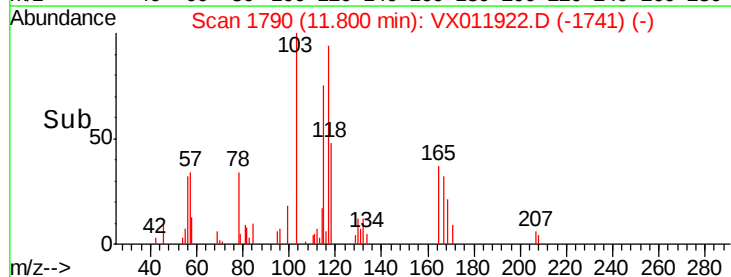
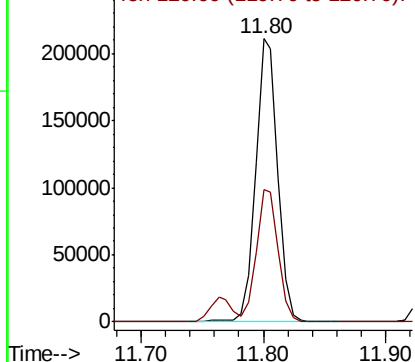


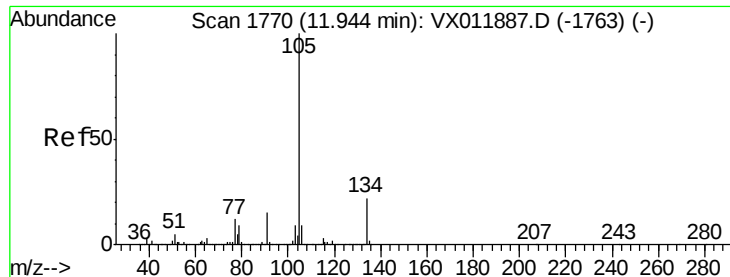
#84
 1,2,4-Trimethylbenzene
 Concen: 20.121 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

Tgt Ion:105 Resp: 265347
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.670 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

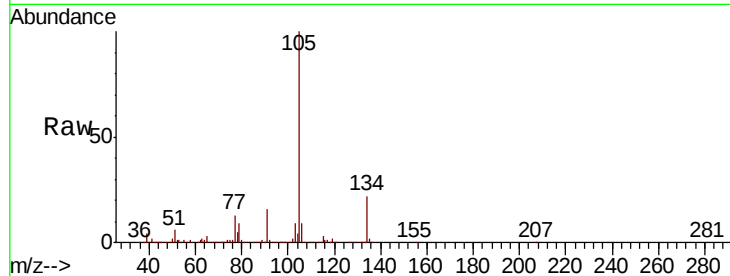
VX0830SBS02

Tgt Ion:105 Resp: 298321

Ion Ratio Lower Upper

105 100

134 21.9 10.9 32.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

250000

200000

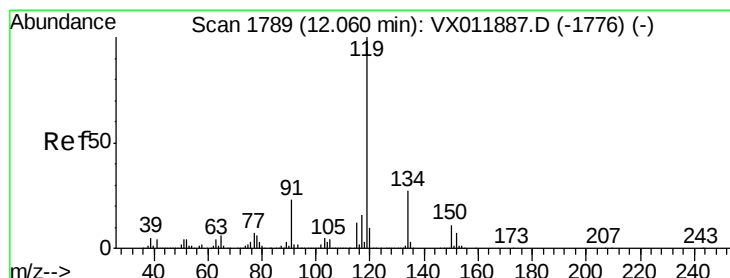
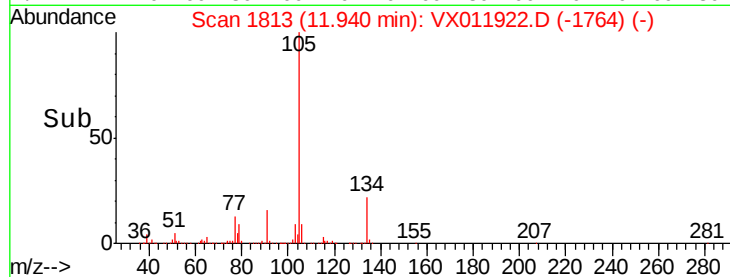
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.635 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

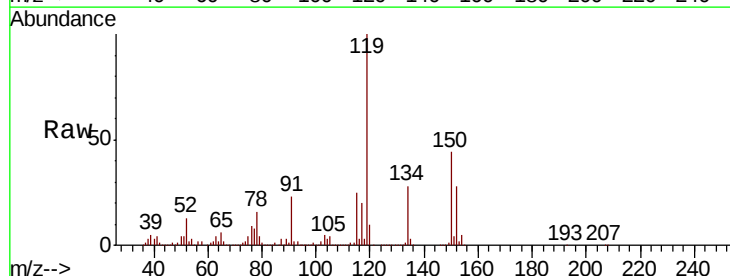
Tgt Ion:119 Resp: 288757

Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.0

91 23.3 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

300000

250000

200000

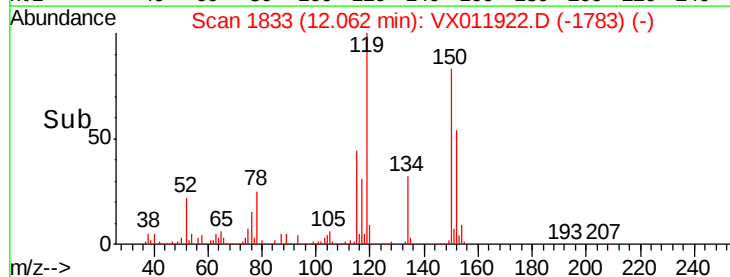
150000

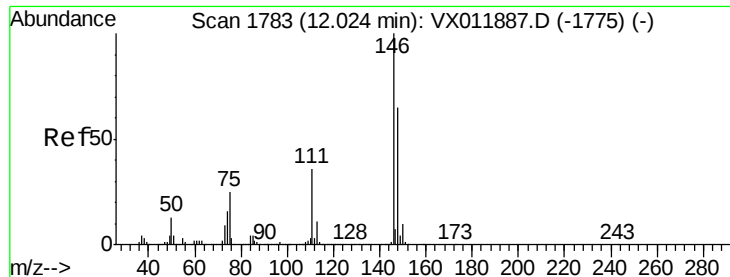
100000

50000

0

Time--> 11.90 12.00 12.10 12.20

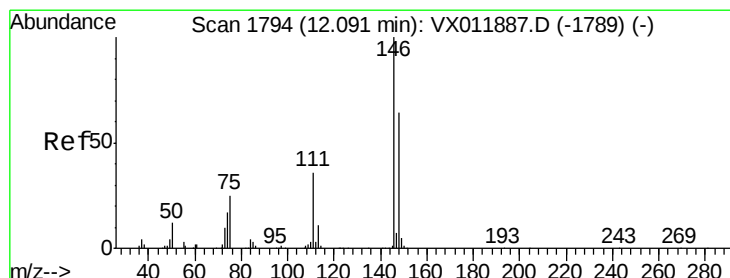
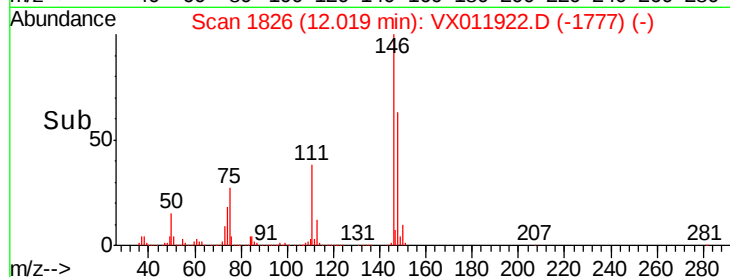
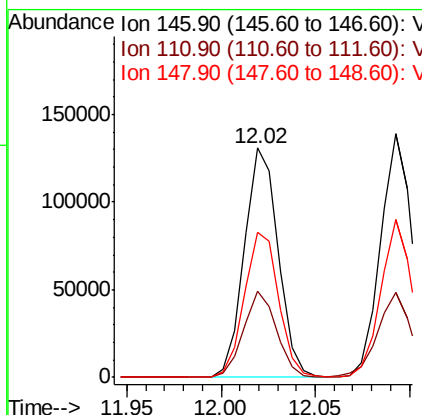
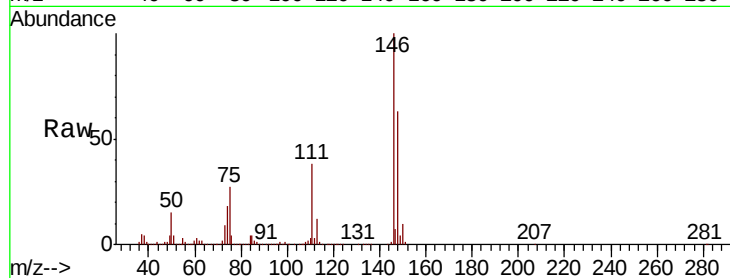




#87
 1,3-Dichlorobenzene
 Concen: 20.317 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

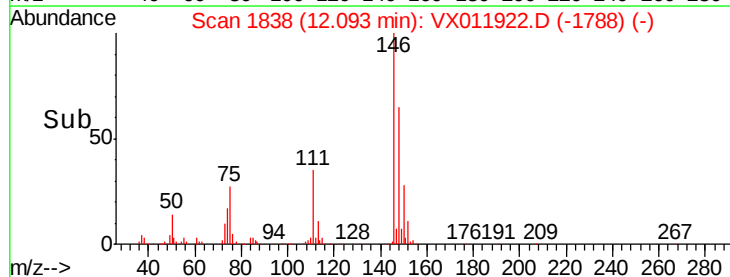
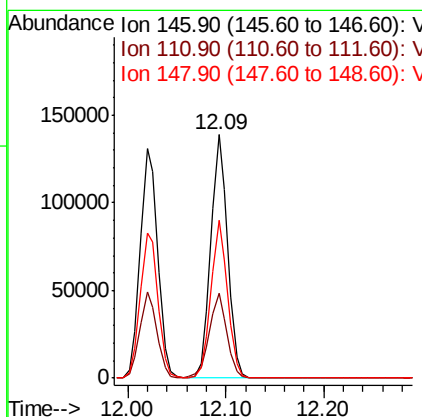
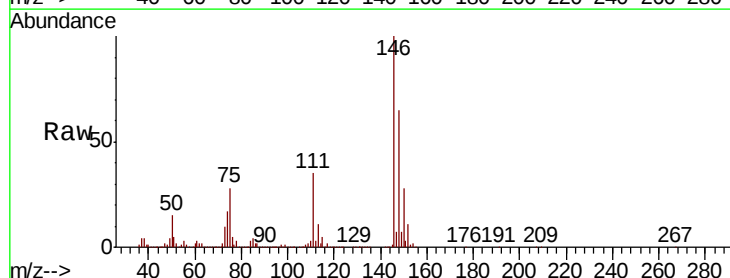
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS02

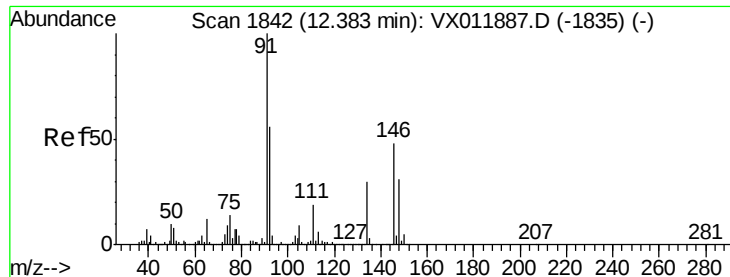
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.2
148	64.2	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.388 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	17.9	53.7
148	64.3	32.4	97.0





#89

n-Butylbenzene

Concen: 19.433 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS02

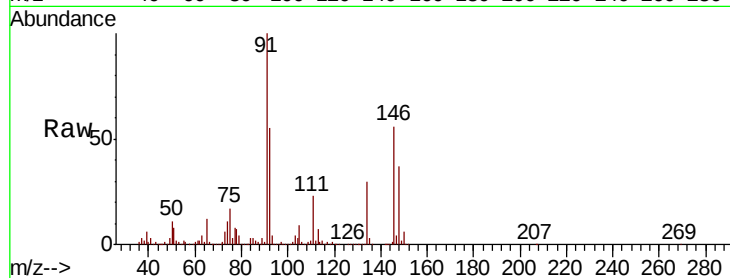
Tgt Ion: 91 Resp: 252840

Ion Ratio Lower Upper

91 100

92 55.0 27.6 82.8

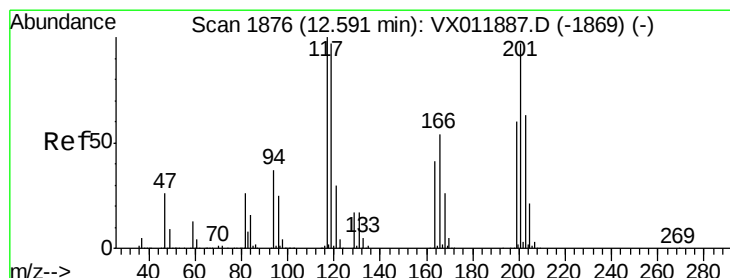
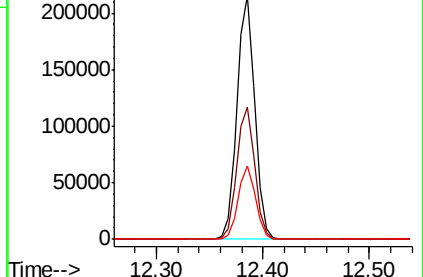
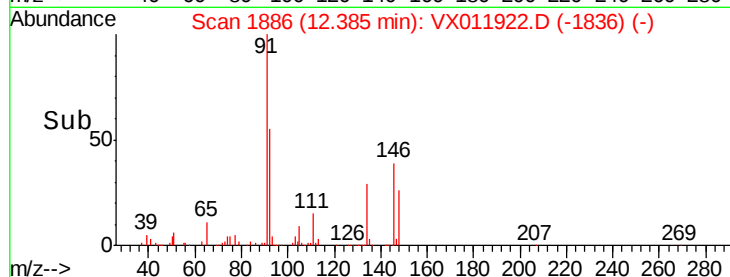
134 29.6 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX011887.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX011887.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX011887.D (-1835) (-)



#90

Hexachloroethane

Concen: 19.391 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX011922.D

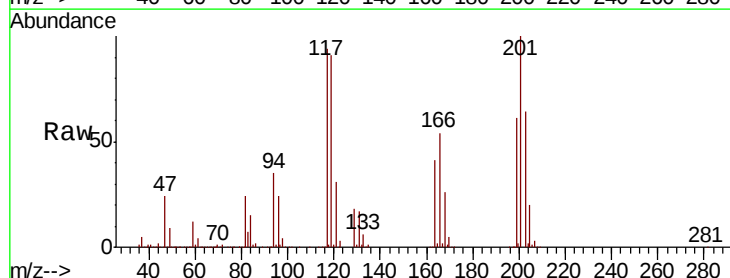
Acq: 30 Aug 2019 23:04

Tgt Ion: 117 Resp: 55169

Ion Ratio Lower Upper

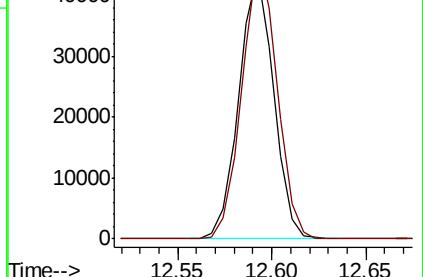
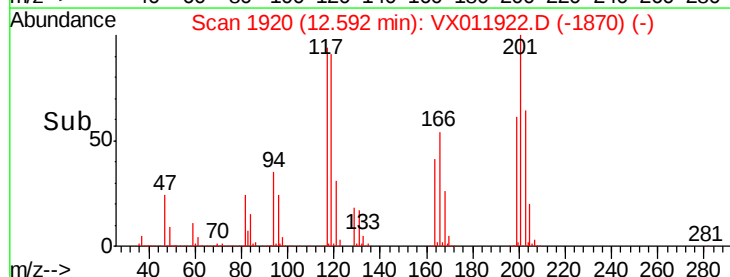
117 100

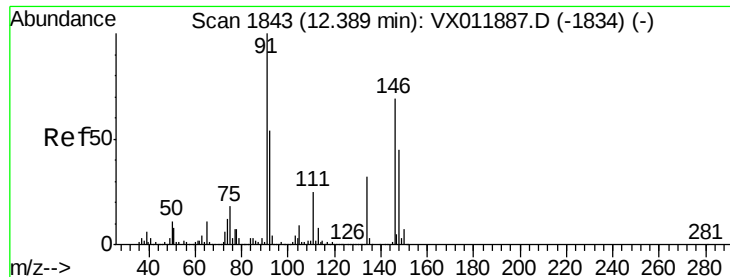
201 106.0 52.8 158.5



Abundance Ion 116.80 (116.50 to 117.50): VX011887.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX011887.D (-1869) (-)





#91

1,2-Dichlorobenzene

Concen: 20.087 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBS02

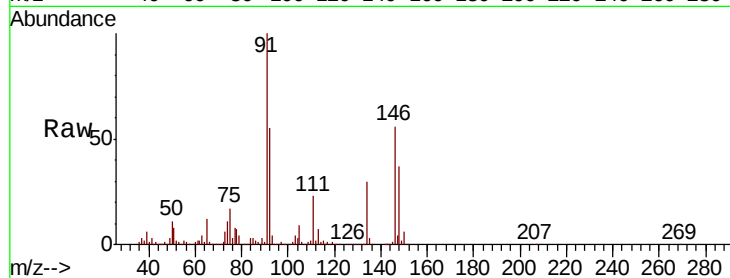
Tgt Ion:146 Resp: 150067

Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.5

148 64.6 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.39

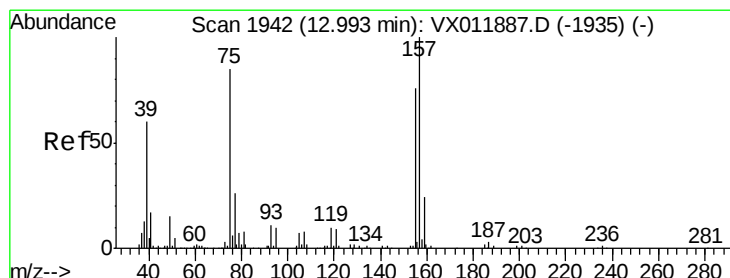
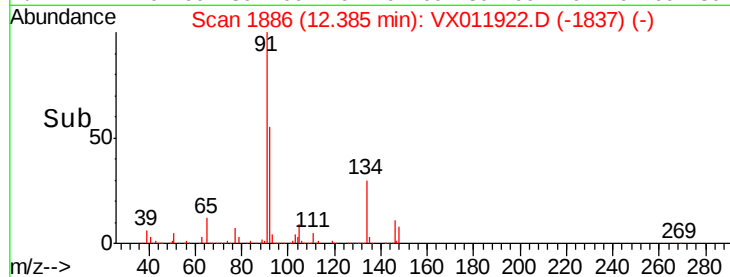
150000

100000

50000

0

Time--> 12.30 12.35 12.40 12.45



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.125 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX011922.D

Acq: 30 Aug 2019 23:04

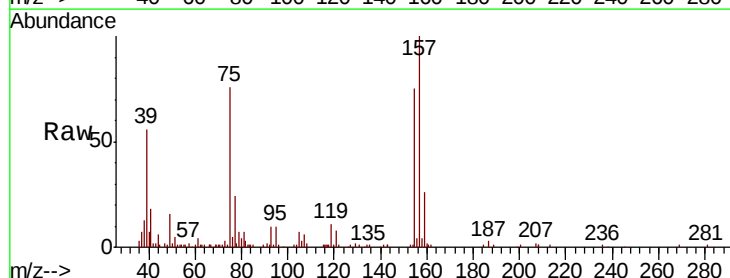
Tgt Ion: 75 Resp: 12839

Ion Ratio Lower Upper

75 100

155 101.5 50.1 150.4

157 126.3 63.9 191.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

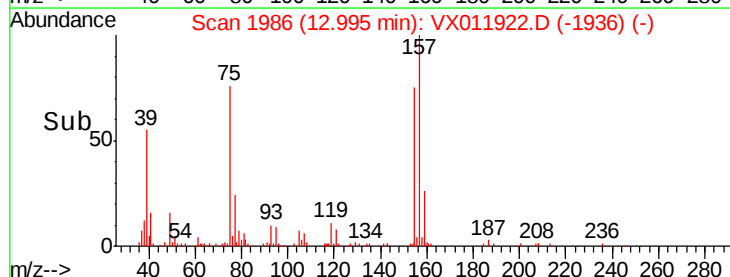
15000

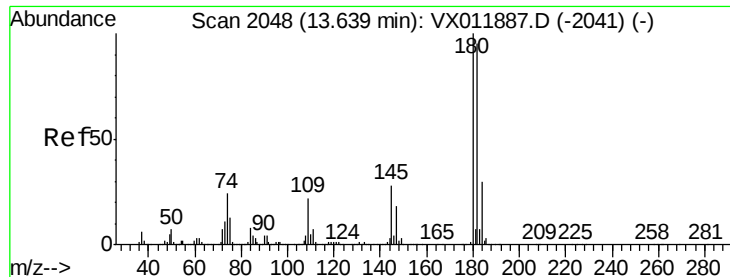
10000

5000

0

Time--> 12.95 13.00 13.05

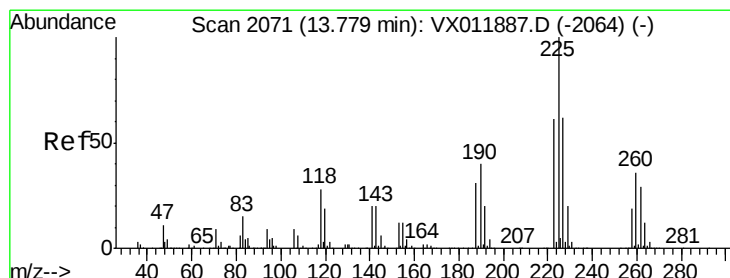
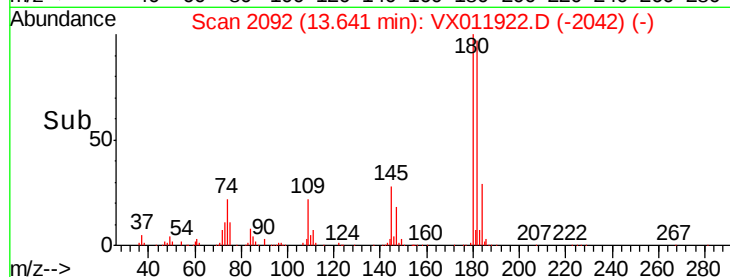
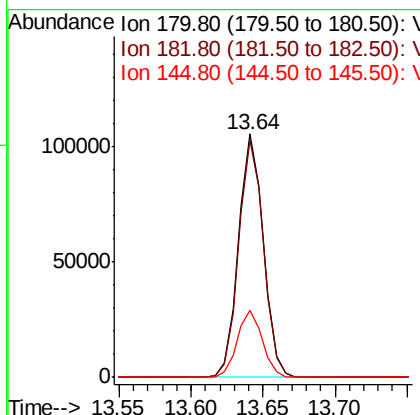
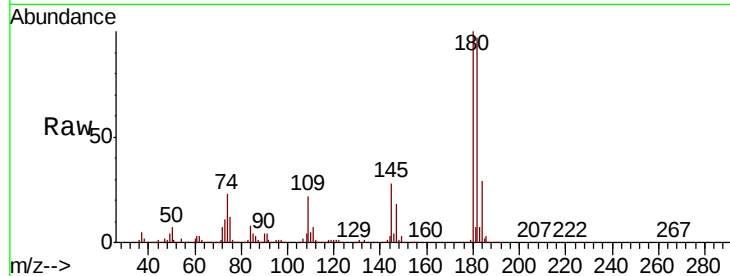




#93
 1,2,4-Trichlorobenzene
 Concen: 20.186 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

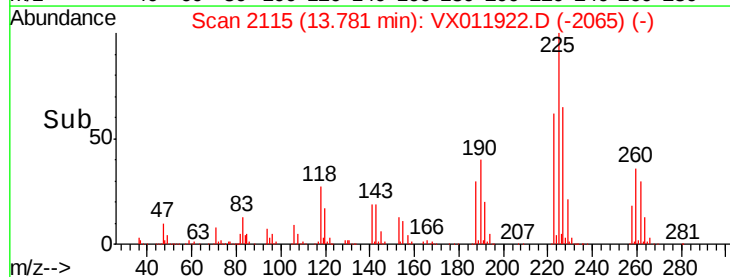
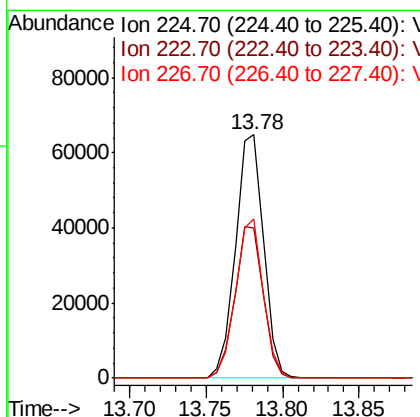
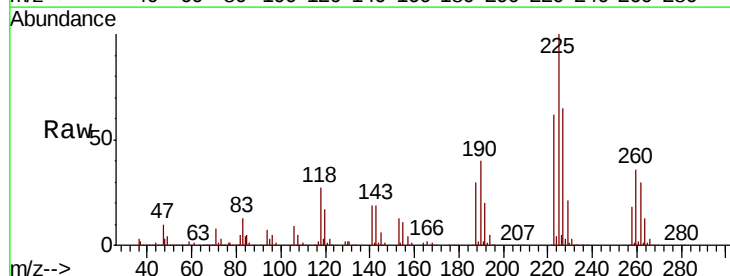
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBS02

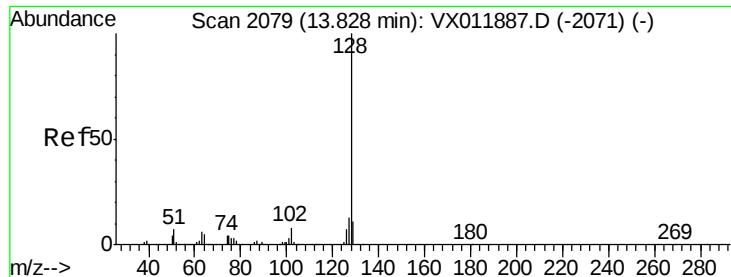
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.1	144.4
145	27.9	13.8	41.3



#94
 Hexachlorobutadiene
 Concen: 19.552 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX011922.D
 Acq: 30 Aug 2019 23:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.8	92.3
227	63.9	31.9	95.7

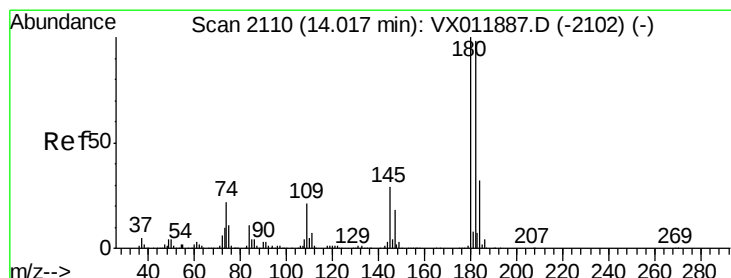
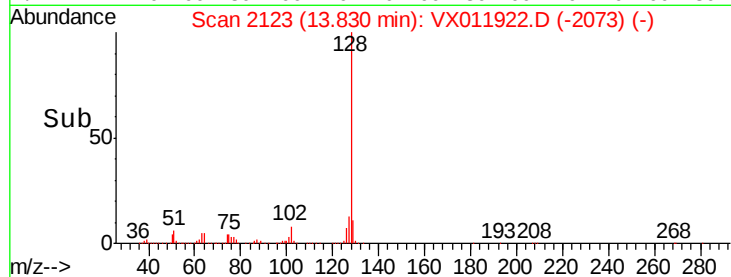
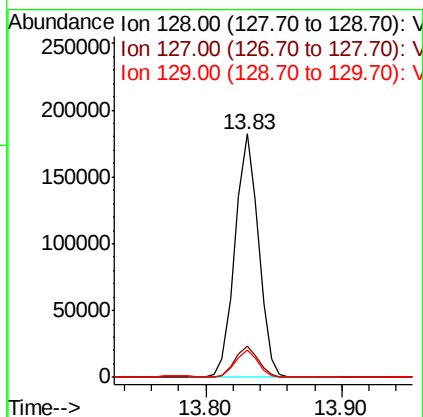
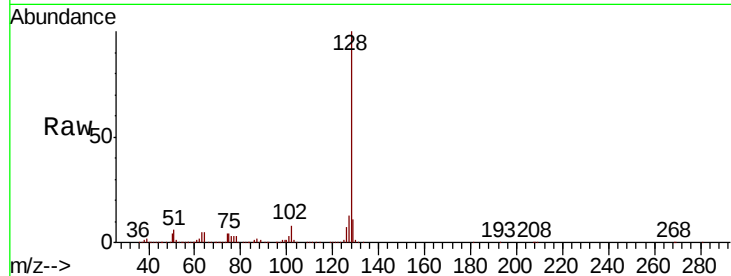




#95
Naphthalene
Concen: 20.318 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

Instrument :
MSVOA_X
ClientSampleId :
VX0830SBS02

Tgt Ion:128 Resp: 219364
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.612 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VX011922.D
Acq: 30 Aug 2019 23:04

Tgt Ion:180 Resp: 117256
Ion Ratio Lower Upper
180 100
182 95.5 48.3 144.8
145 28.8 14.6 43.8

