

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082919\
 Data File : VX011885.D
 Acq On : 29 Aug 2019 21:15
 Operator : SY/SP
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Quant Time: Aug 30 01:39:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:36:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	366884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	513307	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	479003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	276291	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	36414	10.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.28%	
35) Dibromofluoromethane	5.48	113	34883	10.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.90%	
50) Toluene-d8	8.71	98	116472	10.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.20%	
62) 4-Bromofluorobenzene	11.13	95	58504	11.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	24284	10.835	ug/l	98
3) Chloromethane	1.31	50	26917	10.225	ug/l	99
4) Vinyl Chloride	1.40	62	25289	10.122	ug/l	98
5) Bromomethane	1.62	94	19206	11.943	ug/l	98
6) Chloroethane	1.71	64	15630	10.495	ug/l	98
7) Trichlorofluoromethane	1.92	101	44452	10.515	ug/l	97
8) Diethyl Ether	2.17	74	14983	10.657	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28600	11.532	ug/l	99
10) Methyl Iodide	2.50	142	20406	9.063	ug/l	98
11) Tert butyl alcohol	3.03	59	17181	56.756	ug/l	97
12) 1,1-Dichloroethene	2.36	96	26463	10.783	ug/l	99
13) Acrolein	2.28	56	8330	58.026	ug/l	95
14) Allyl chloride	2.71	41	49417	11.071	ug/l	99
15) Acrylonitrile	3.13	53	40013	52.840	ug/l	97
16) Acetone	2.43	43	40113	30.572	ug/l	100
17) Carbon Disulfide	2.56	76	72877	9.916	ug/l	99
18) Methyl Acetate	2.76	43	21600	7.779	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	86475	10.799	ug/l	99
20) Methylene Chloride	2.84	84	43158	13.063	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	31554	10.389	ug/l	98
22) Diisopropyl ether	3.84	45	102198	10.567	ug/l	96
23) Vinyl Acetate	3.80	43	320058	75.794	ug/l	100
24) 1,1-Dichloroethane	3.68	63	56270	10.285	ug/l	98
25) 2-Butanone	4.66	43	54863	51.600	ug/l	95
26) 2,2-Dichloropropane	4.56	77	47511	12.393	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	36415	10.149	ug/l	96
28) Bromochloromethane	5.01	49	24355	10.009	ug/l	99
29) Tetrahydrofuran	5.12	42	34448	52.032	ug/l	98
30) Chloroform	5.20	83	60187	10.206	ug/l	97
31) Cyclohexane	5.56	56	46937	10.533	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	52290	10.508	ug/l	98
36) 1,1-Dichloropropene	5.79	75	41197	10.175	ug/l	100
37) Ethyl Acetate	4.82	43	23669	12.405	ug/l	# 95
38) Carbon Tetrachloride	5.77	117	47040	11.922	ug/l	97

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Quant Time: Aug 30 01:39:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	50575	10.448	ug/l	98
40) Benzene	6.13	78	124351	10.277	ug/l	98
41) Methacrylonitrile	5.03	41	14226	10.948	ug/l	98
42) 1,2-Dichloroethane	6.18	62	42298	10.476	ug/l	98
43) Isopropyl Acetate	6.43	43	49039	12.898	ug/l	99
44) Trichloroethene	7.20	130	38190	9.140	ug/l	93
45) 1,2-Dichloropropane	7.50	63	32829	10.657	ug/l	99
46) Dibromomethane	7.65	93	18856	10.230	ug/l	100
47) Bromodichloromethane	7.89	83	46884	10.976	ug/l	95
48) Methyl methacrylate	7.76	41	23176	12.391	ug/l	97
49) 1,4-Dioxane	7.74	88	6654	246.341	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	124878	61.709	ug/l	100
52) Toluene	8.78	92	83566	10.537	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	47770	14.324	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	54648	12.795	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	28953	11.563	ug/l	96
56) Ethyl methacrylate	9.17	69	38258	14.717	ug/l	99
57) 1,3-Dichloropropane	9.37	76	47500	11.750	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	89839	107.514	ug/l	100
59) 2-Hexanone	9.49	43	88201	66.329	ug/l	99
60) Dibromochloromethane	9.58	129	37334	11.583	ug/l	99
61) 1,2-Dibromoethane	9.66	107	27769	11.821	ug/l	99
64) Tetrachloroethene	9.33	164	39889	8.355	ug/l	97
65) Chlorobenzene	10.13	112	97368	10.744	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	38339	11.766	ug/l	99
67) Ethyl Benzene	10.25	91	165514	10.682	ug/l	100
68) m/p-Xylenes	10.35	106	126034	21.057	ug/l	99
69) o-Xylene	10.69	106	61338	10.682	ug/l	99
70) Styrene	10.71	104	106262	11.292	ug/l	98
71) Bromoform	10.85	173	25964	11.740	ug/l #	98
73) Isopropylbenzene	11.01	105	168166	10.384	ug/l	100
74) N-amyl acetate	10.89	43	47581	11.954	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.26	83	33406	12.457	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	36315	17.098	ug/l	87
77) Bromobenzene	11.25	156	47949	10.538	ug/l	99
78) n-propylbenzene	11.35	91	191522	10.494	ug/l	100
79) 2-Chlorotoluene	11.41	91	114062	10.353	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	143577	10.512	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	10889	18.632	ug/l	98
82) 4-Chlorotoluene	11.51	91	138908	10.584	ug/l	99
83) tert-Butylbenzene	11.77	119	146130	11.035	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	146874	10.803	ug/l	99
85) sec-Butylbenzene	11.94	105	172036	10.802	ug/l	100
86) p-Isopropyltoluene	12.06	119	164887	11.099	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	89251	10.535	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	89424	10.586	ug/l	97
89) n-Butylbenzene	12.38	91	146555	11.213	ug/l	99
90) Hexachloroethane	12.59	117	32084	15.710	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	81425	10.579	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6540	15.560	ug/l	99

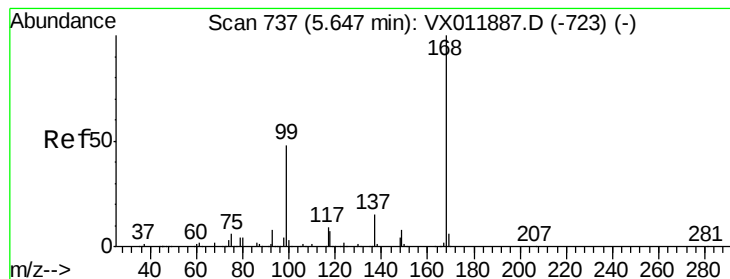
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082919\
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Acq On : 29 Aug 2019 21:15
Operator : SY/SP
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Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:36:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	69993	11.331	ug/l	100
94) Hexachlorobutadiene	13.78	225	47463	11.662	ug/l	98
95) Naphthalene	13.83	128	115382	12.609	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	62967	11.660	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

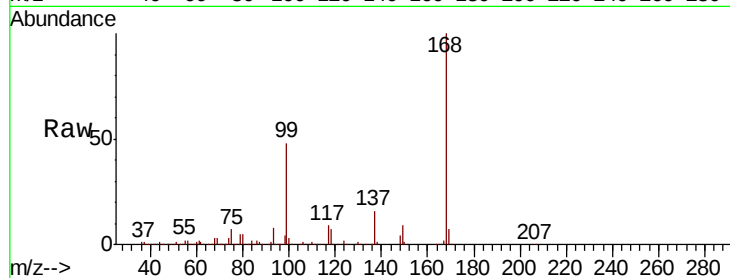
VSTDIC010

Tgt Ion:168 Resp: 366884

Ion Ratio Lower Upper

168 100

99 48.3 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

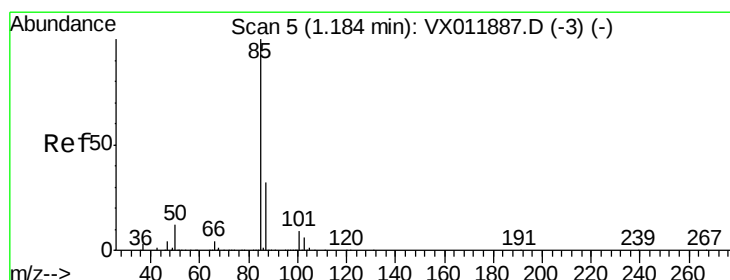
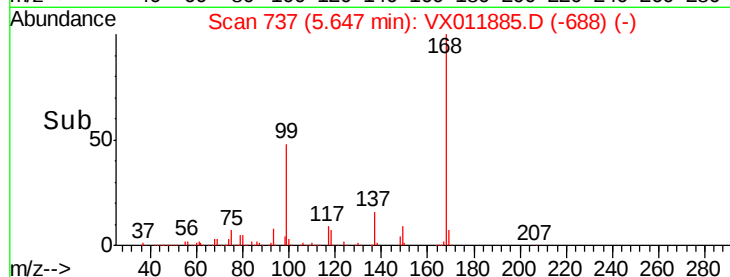
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 10.835 ug/l

RT: 1.18 min Scan# 5

Delta R.T. 0.00 min

Lab File: VX011885.D

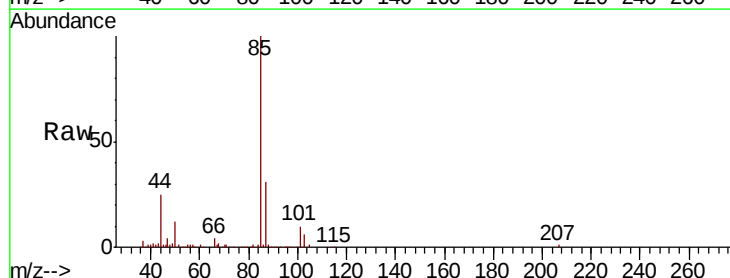
Acq: 29 Aug 2019 21:15

Tgt Ion: 85 Resp: 24284

Ion Ratio Lower Upper

85 100

87 30.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

25000

20000

15000

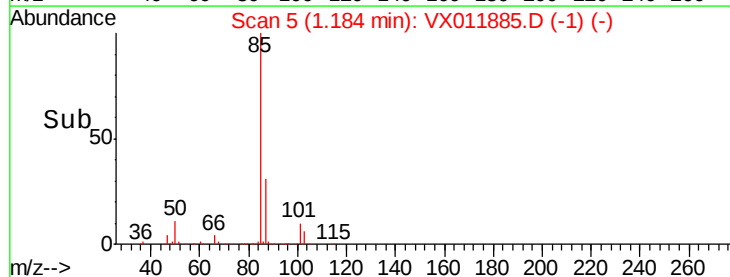
10000

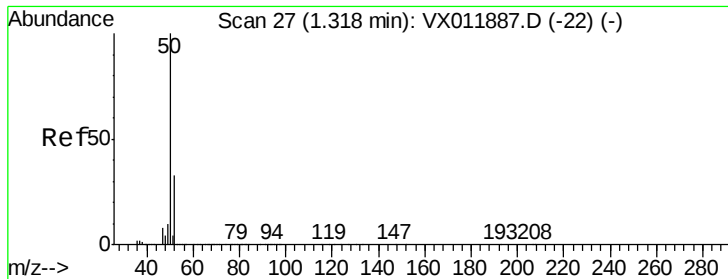
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 10.225 ug/l

RT: 1.31 min Scan# 26

Delta R.T. -0.01 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

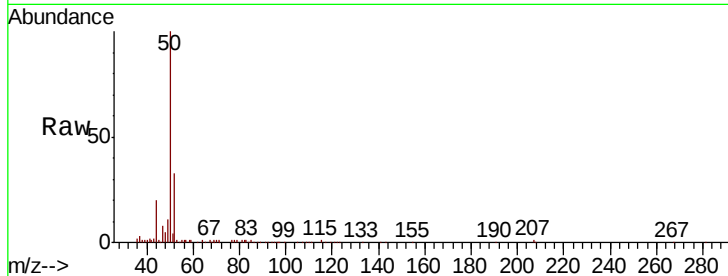
VSTDIC010

Tgt Ion: 50 Resp: 26917

Ion Ratio Lower Upper

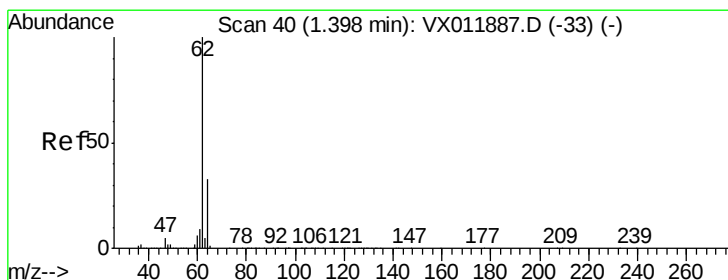
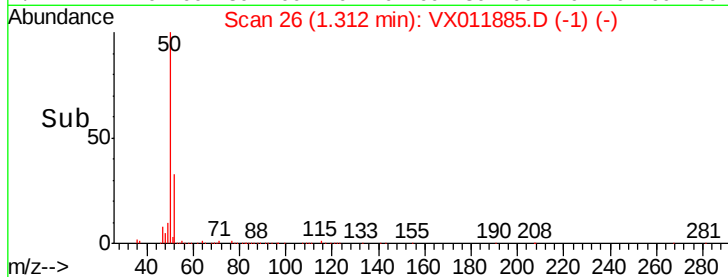
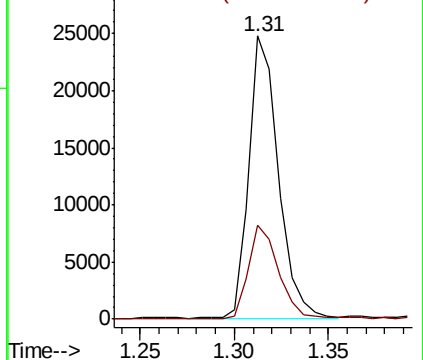
50 100

52 33.2 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: 10.122 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011885.D

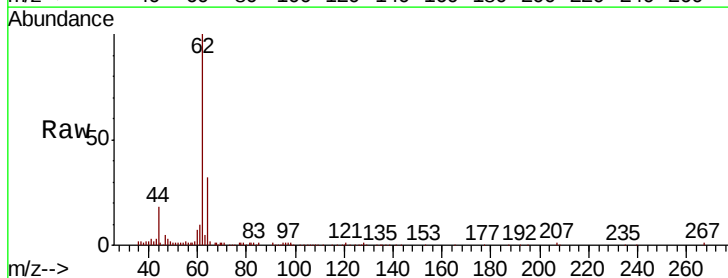
Acq: 29 Aug 2019 21:15

Tgt Ion: 62 Resp: 25289

Ion Ratio Lower Upper

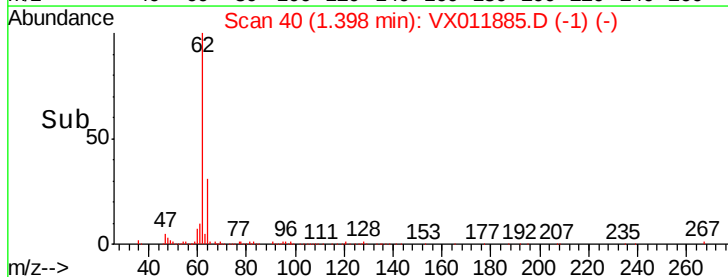
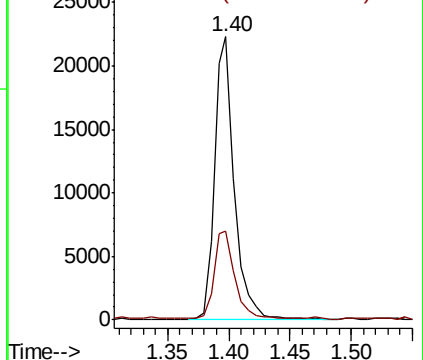
62 100

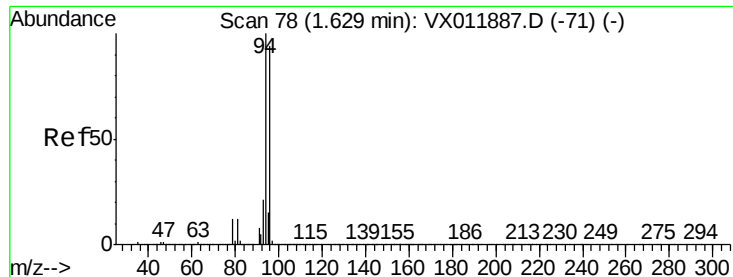
64 31.1 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 11.943 ug/l

RT: 1.62 min Scan# 77

Delta R.T. -0.01 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

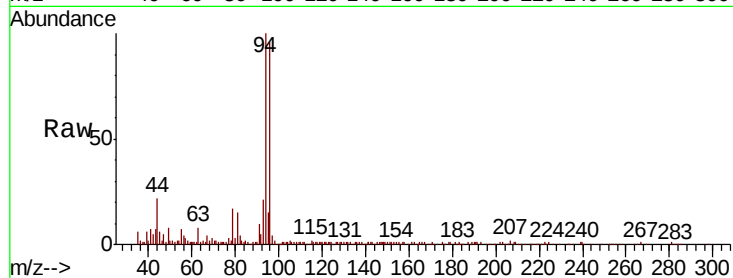
VSTDIC010

Tgt Ion: 94 Resp: 19206

Ion Ratio Lower Upper

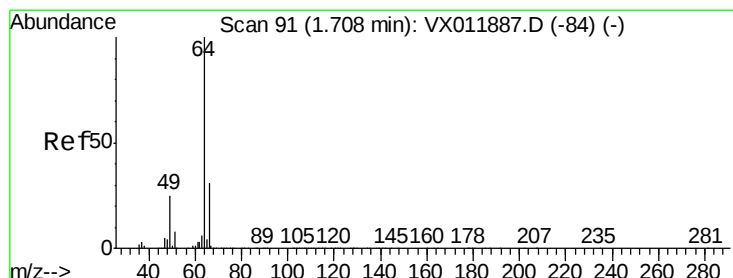
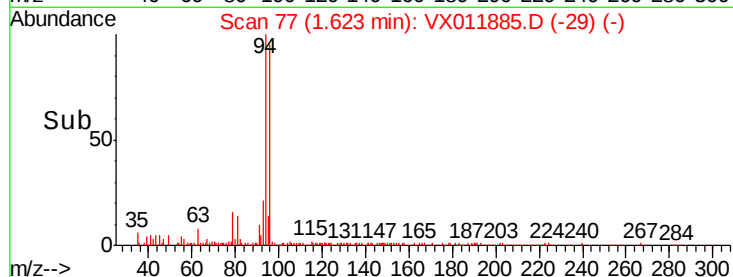
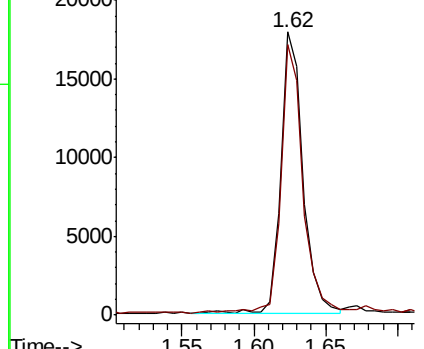
94 100

96 95.4 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 10.495 ug/l

RT: 1.71 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX011885.D

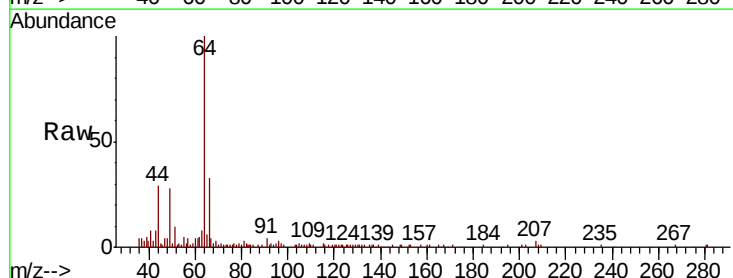
Acq: 29 Aug 2019 21:15

Tgt Ion: 64 Resp: 15630

Ion Ratio Lower Upper

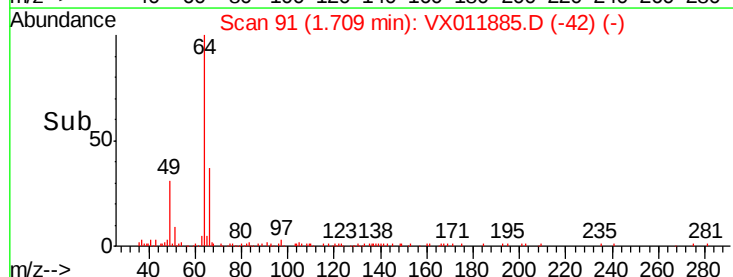
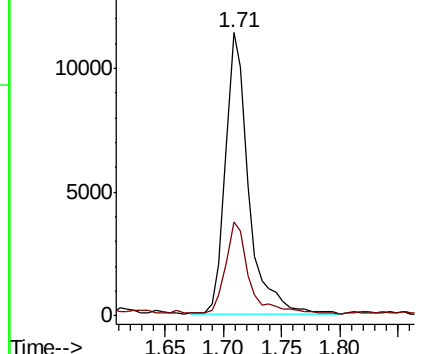
64 100

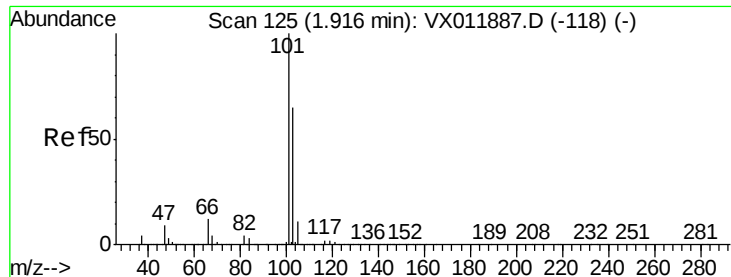
66 32.5 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



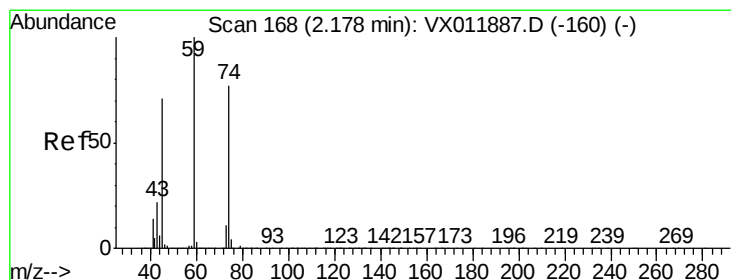
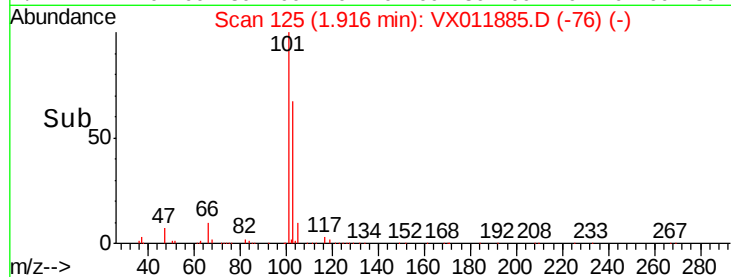
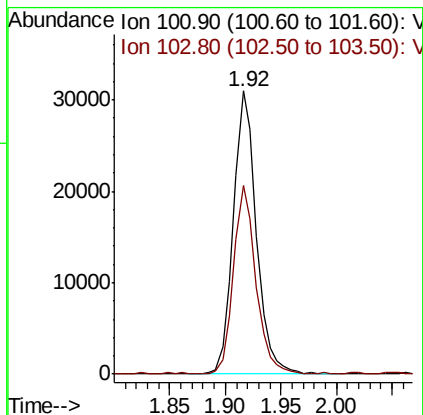
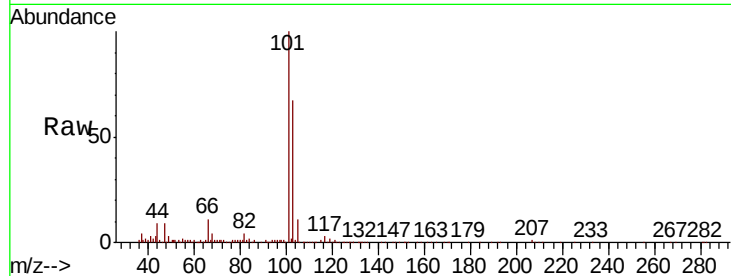


#7

Trichlorofluoromethane
 Concen: 10.515 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. 0.00 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

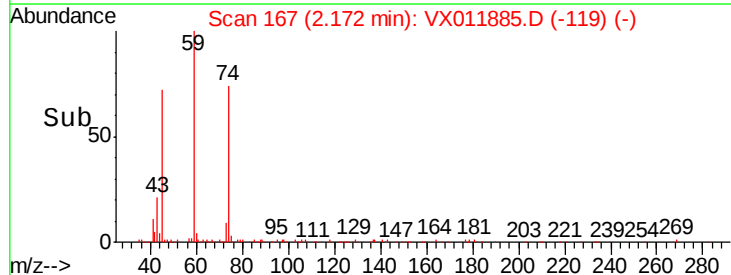
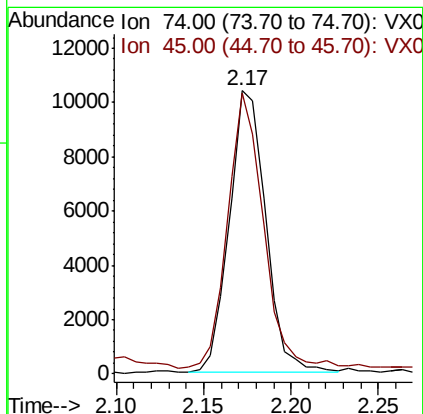
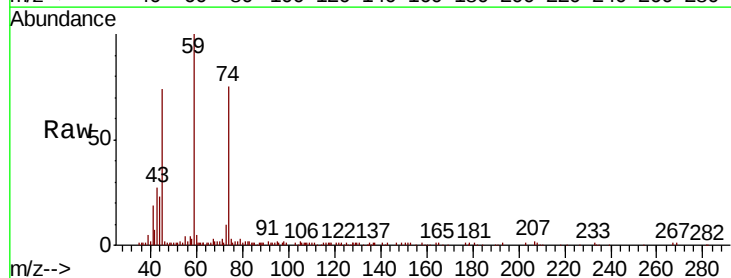
Tgt Ion: 101 Resp: 44452
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.6 77.4

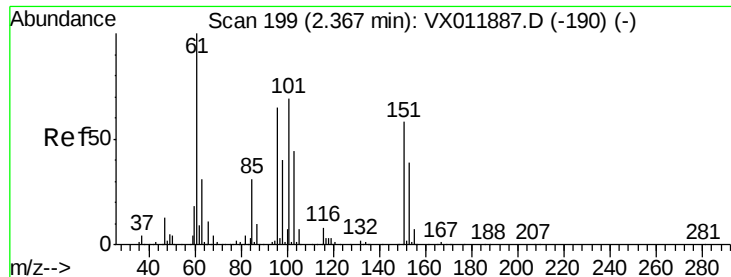


#8

Diethyl Ether
 Concen: 10.657 ug/l
 RT: 2.17 min Scan# 167
 Delta R.T. -0.01 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

Tgt Ion: 74 Resp: 14983
 Ion Ratio Lower Upper
 74 100
 45 96.5 46.7 140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.532 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

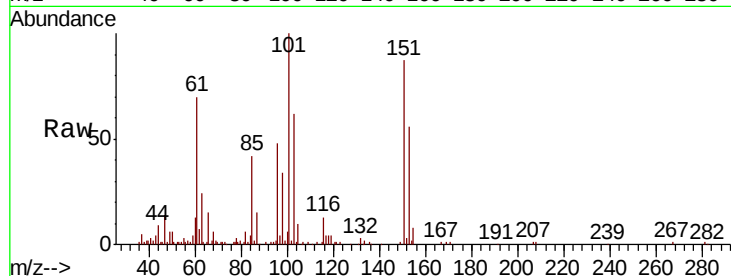
Tgt Ion:101 Resp: 28600

Ion Ratio Lower Upper

101 100

85 42.5 34.9 52.3

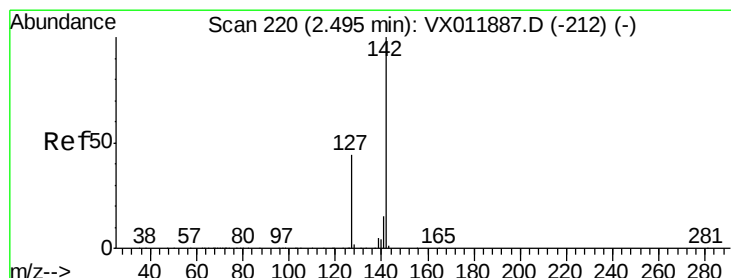
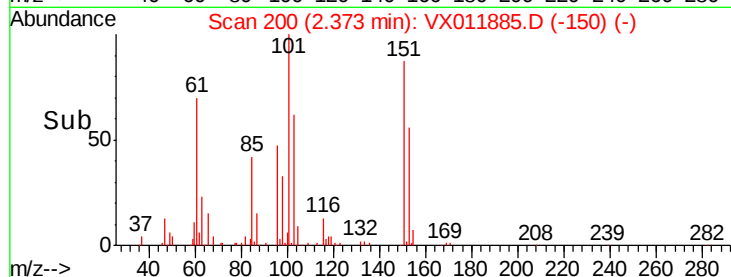
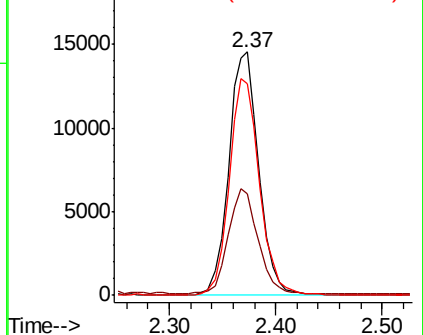
151 89.6 70.9 106.3



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: 9.063 ug/l

RT: 2.50 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

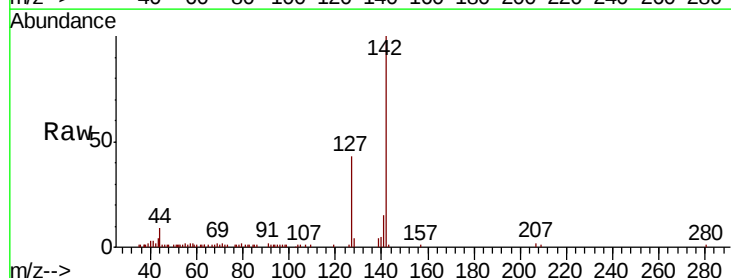
Tgt Ion:142 Resp: 20406

Ion Ratio Lower Upper

142 100

127 43.2 35.7 53.5

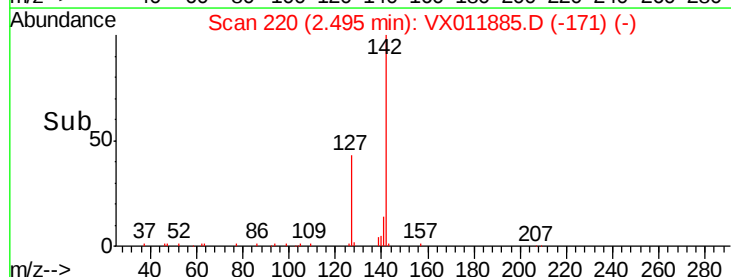
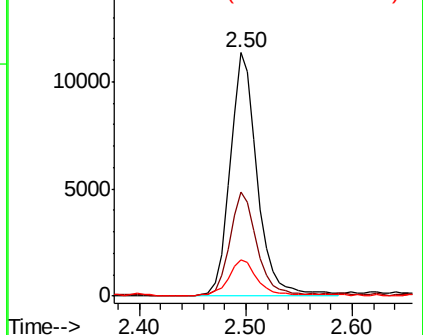
141 15.7 11.8 17.6

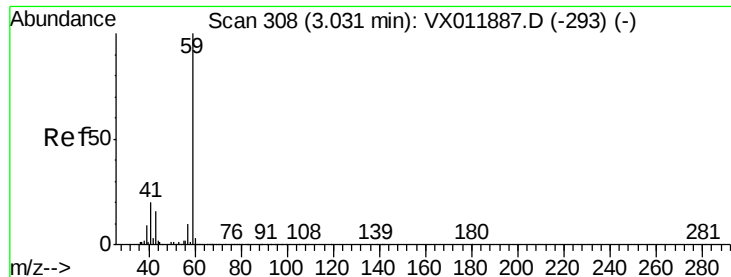


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 56.756 ug/l

RT: 3.03 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

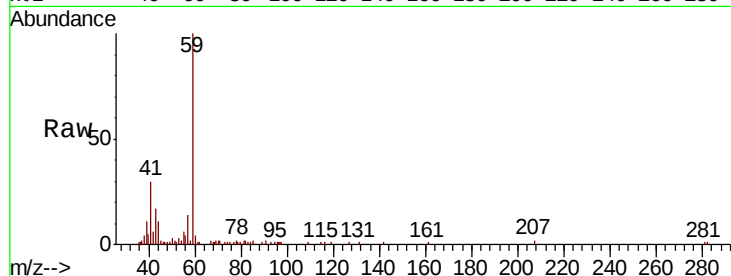
VSTDIC010

Tgt Ion: 59 Resp: 17181

Ion Ratio Lower Upper

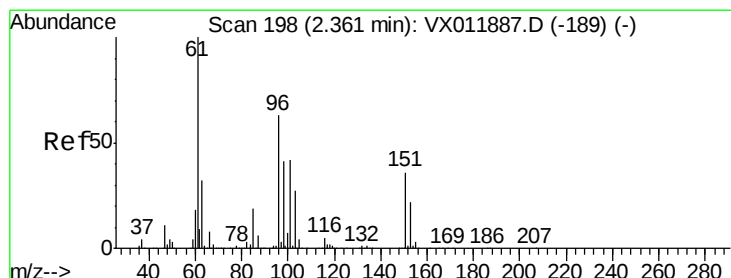
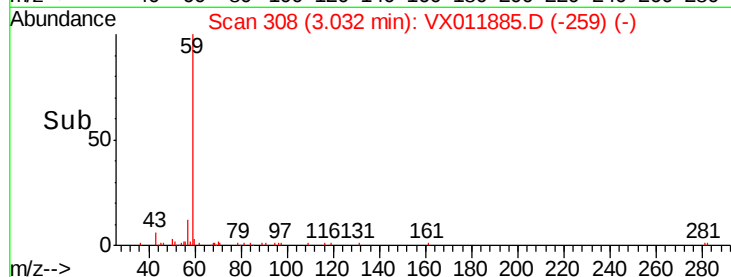
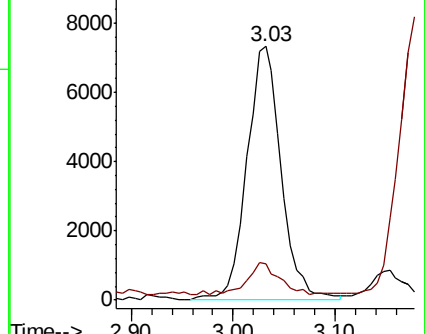
59 100

57 11.8 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 10.783 ug/l

RT: 2.36 min Scan# 198

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

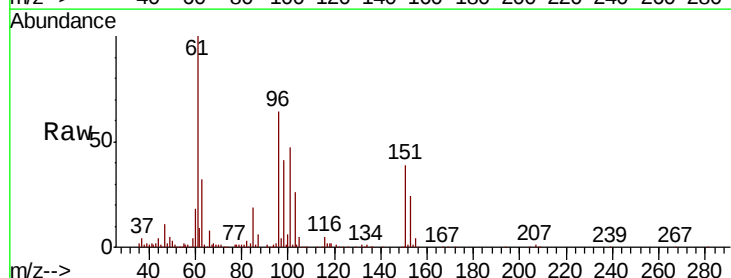
Tgt Ion: 96 Resp: 26463

Ion Ratio Lower Upper

96 100

61 156.8 126.6 190.0

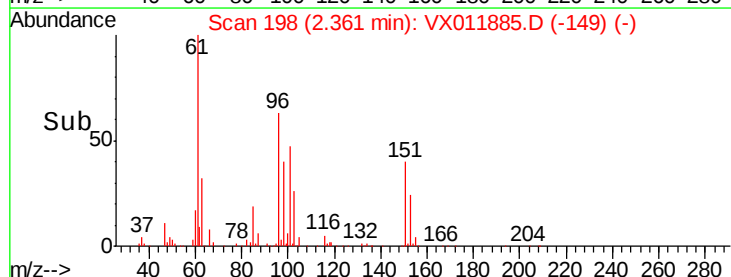
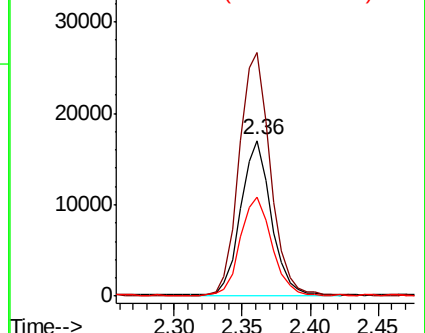
98 63.5 51.6 77.4

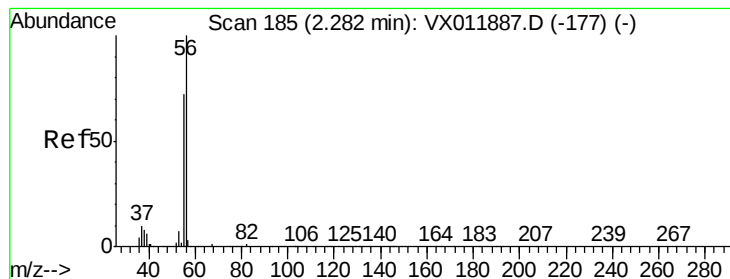


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 58.026 ug/l

RT: 2.28 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

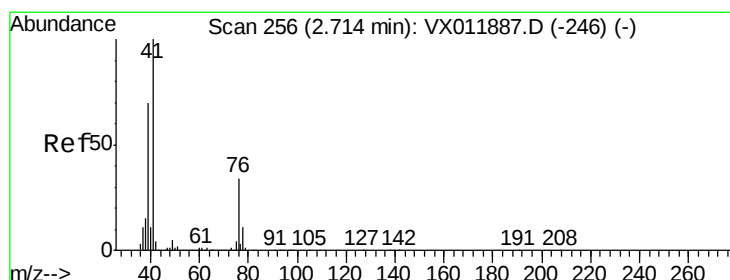
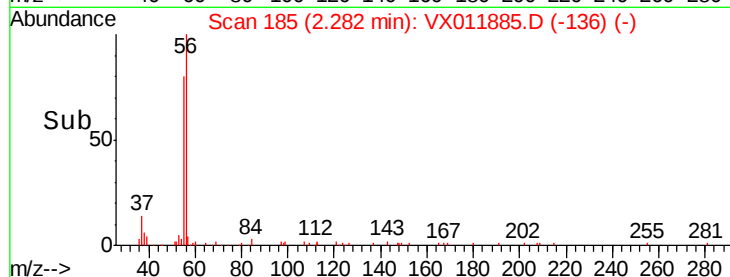
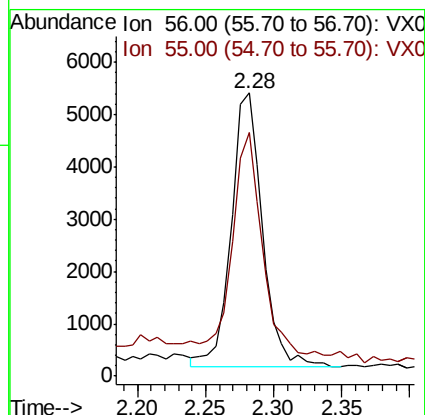
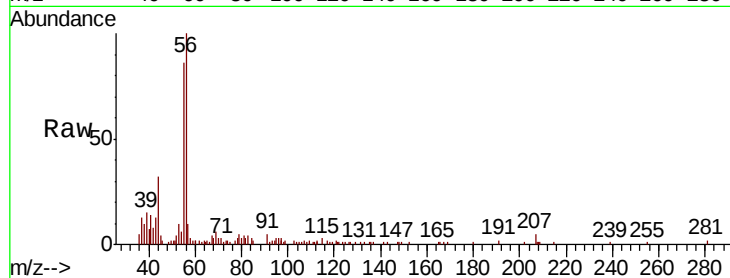
VSTDIC010

Tgt Ion: 56 Resp: 8330

Ion Ratio Lower Upper

56 100

55 77.5 58.6 88.0



#14

Allyl chloride

Concen: 11.071 ug/l

RT: 2.71 min Scan# 256

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

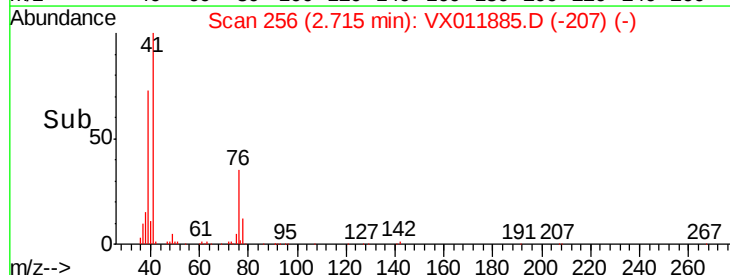
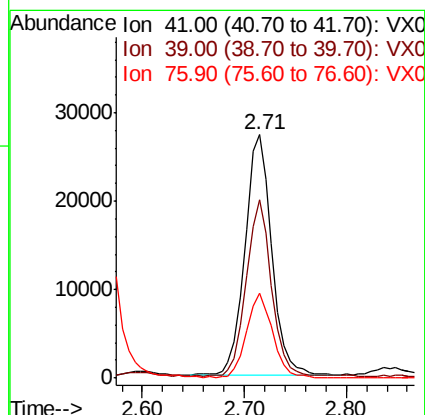
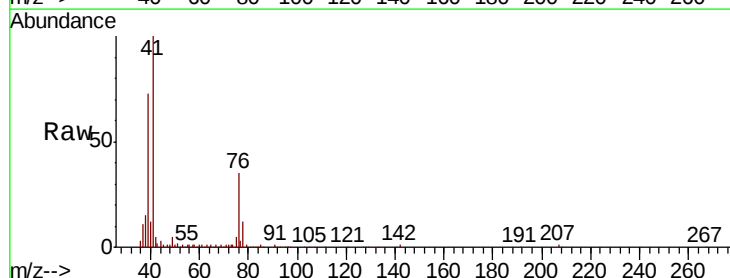
Tgt Ion: 41 Resp: 49417

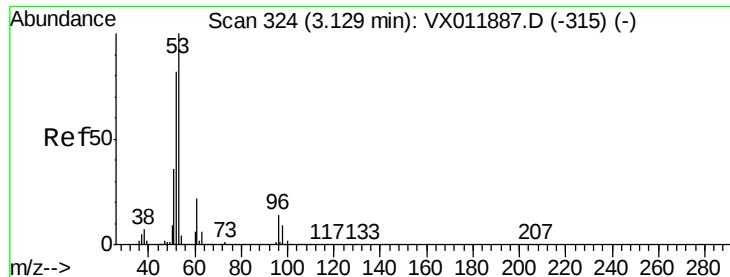
Ion Ratio Lower Upper

41 100

39 68.7 55.0 82.6

76 34.5 27.0 40.4





#15

Acrylonitrile

Concen: 52.840 ug/l

RT: 3.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

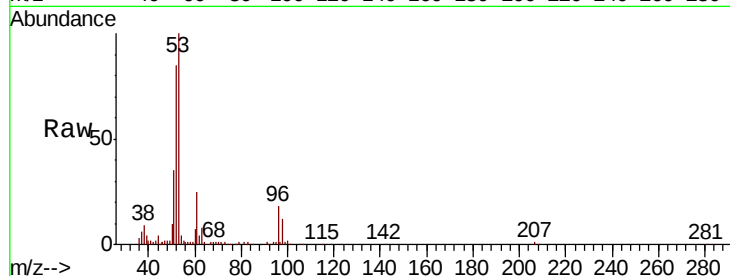
Tgt Ion: 53 Resp: 40013

Ion Ratio Lower Upper

53 100

52 84.8 65.3 97.9

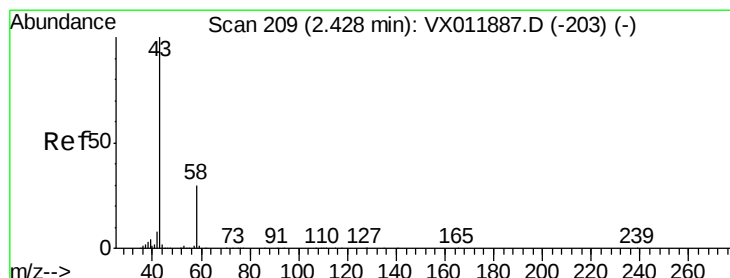
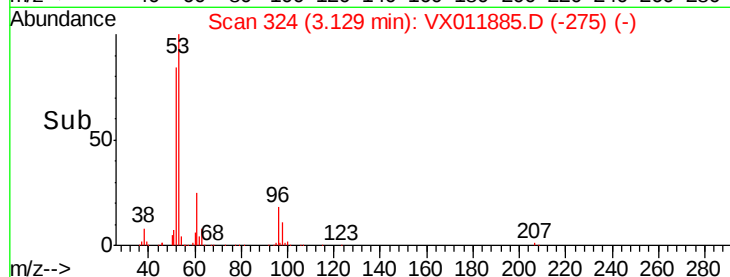
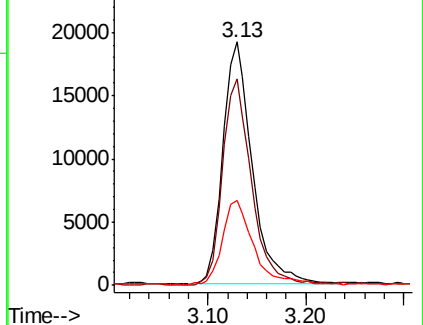
51 38.1 29.4 44.2



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: 30.572 ug/l

RT: 2.43 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX011885.D

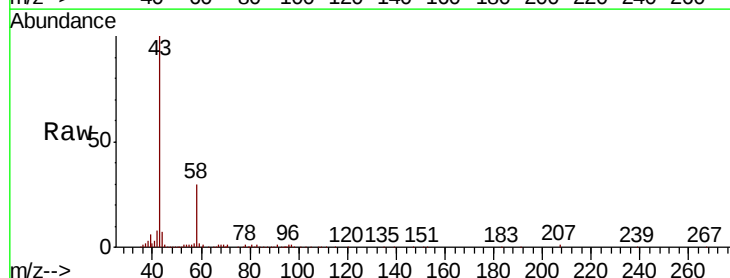
Acq: 29 Aug 2019 21:15

Tgt Ion: 43 Resp: 40113

Ion Ratio Lower Upper

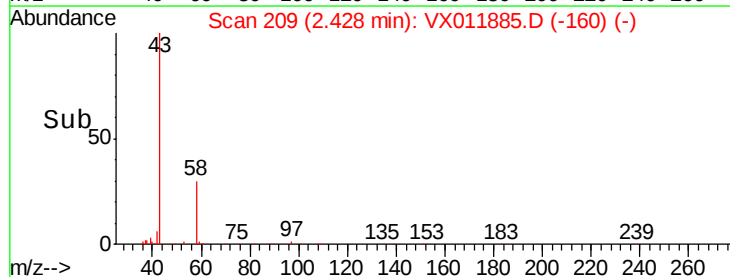
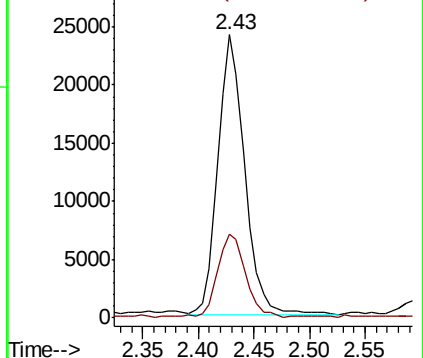
43 100

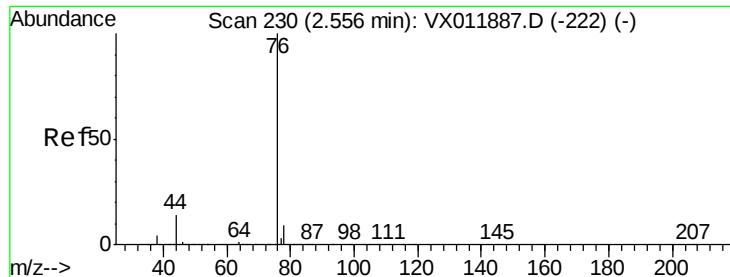
58 29.7 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

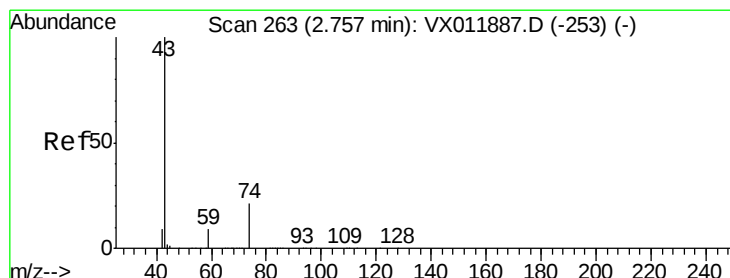
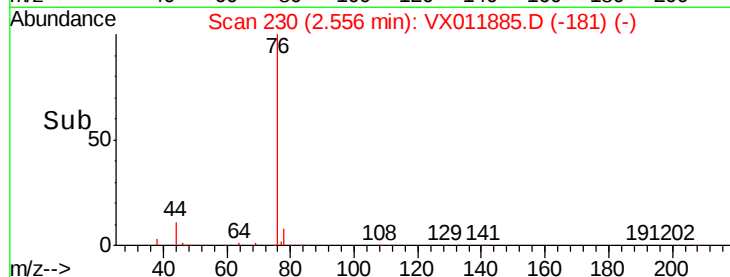
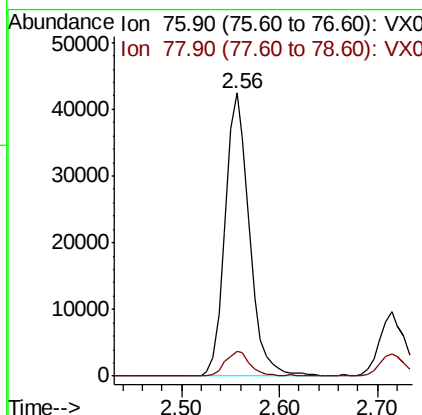
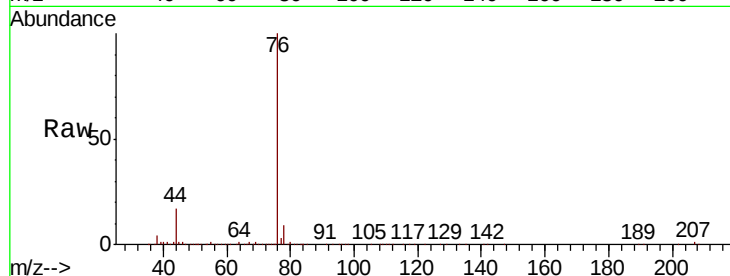




#17
Carbon Disulfide
Concen: 9.916 ug/l
RT: 2.56 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

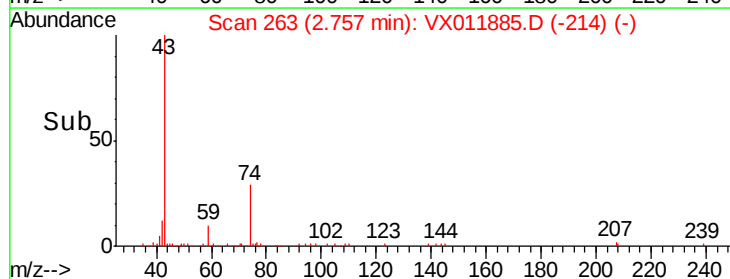
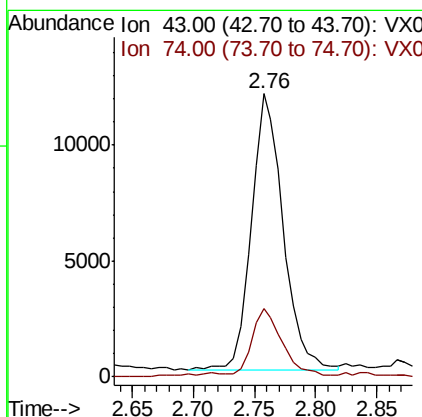
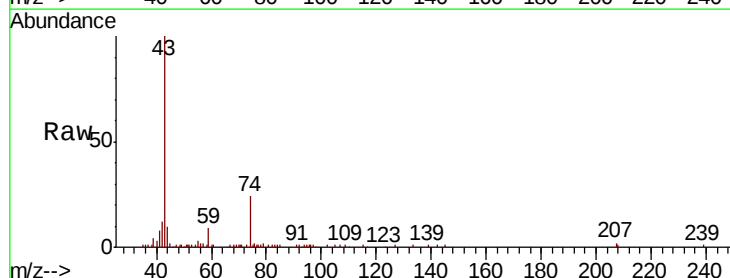
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

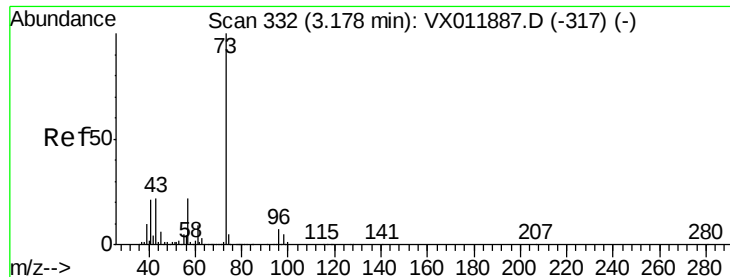
Tgt Ion: 76 Resp: 72877
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 7.779 ug/l
RT: 2.76 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

Tgt Ion: 43 Resp: 21600
Ion Ratio Lower Upper
43 100
74 22.7 18.4 27.6



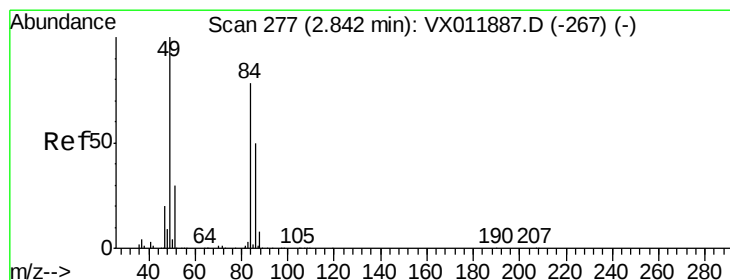
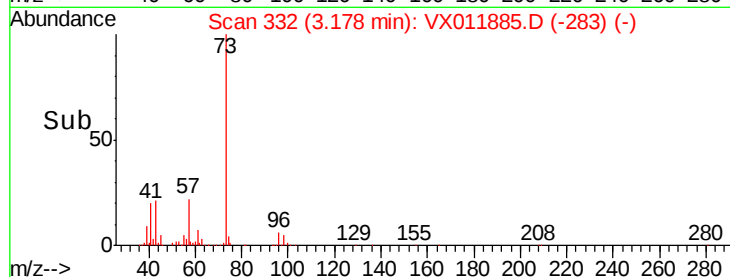
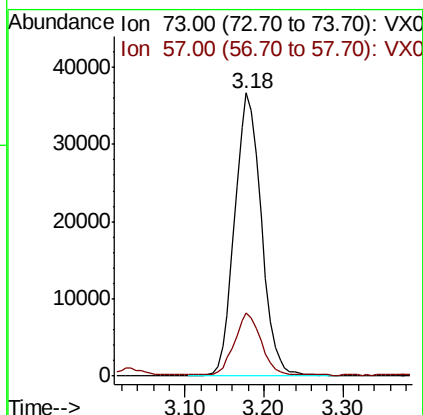
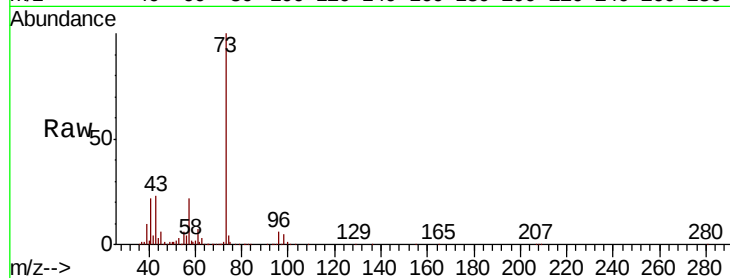


#19

Methyl tert-butyl Ether
 Concen: 10.799 ug/l
 RT: 3.18 min Scan# 332
 Delta R.T. 0.00 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

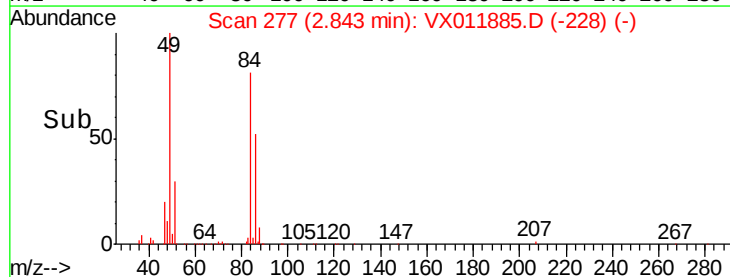
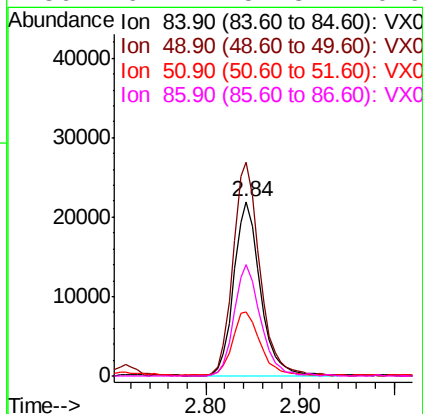
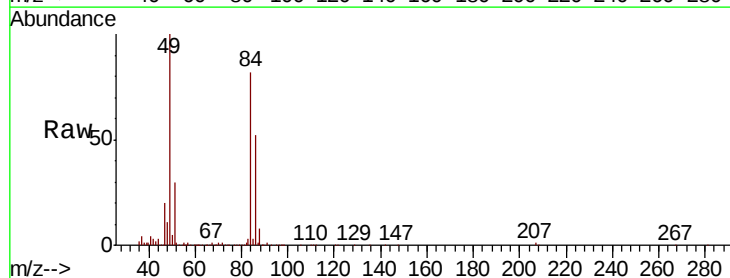
Tgt Ion: 73 Resp: 86475
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.4 26.0

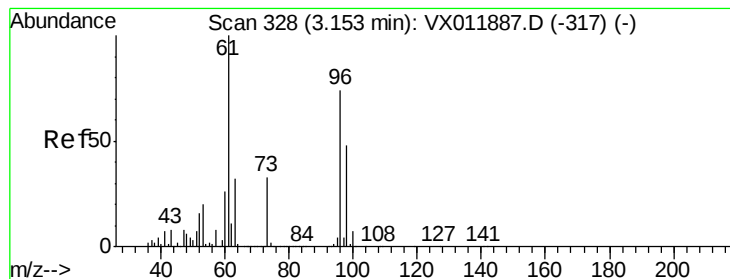


#20

Methylene Chloride
 Concen: 13.063 ug/l
 RT: 2.84 min Scan# 277
 Delta R.T. 0.00 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

Tgt Ion: 84 Resp: 43158
 Ion Ratio Lower Upper
 84 100
 49 122.2 103.0 154.4
 51 36.5 30.8 46.2
 86 64.1 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 10.389 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

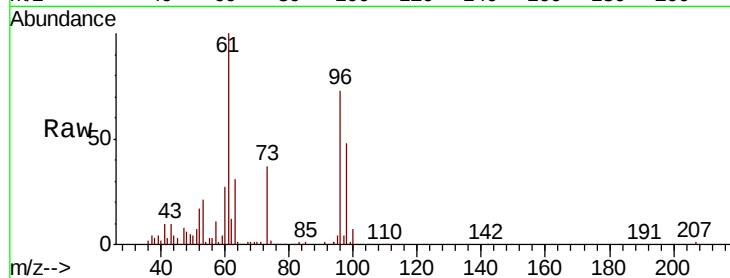
Tgt Ion: 96 Resp: 31554

Ion Ratio Lower Upper

96 100

61 137.3 107.4 161.2

98 65.6 51.4 77.2

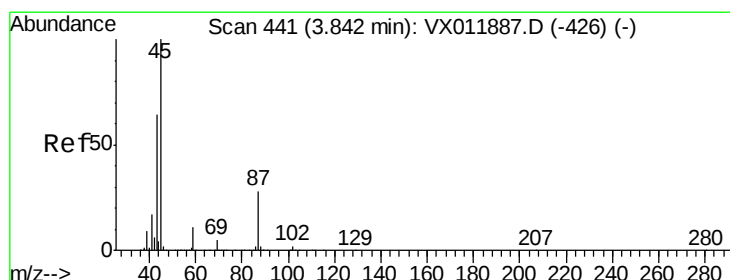
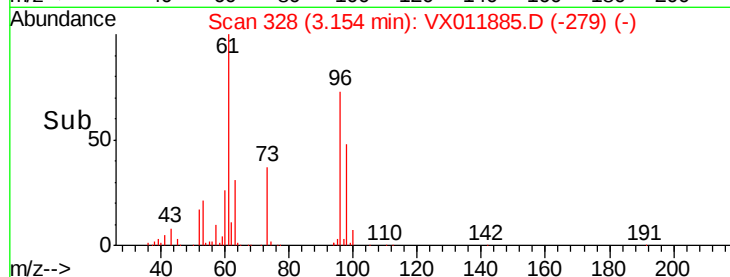
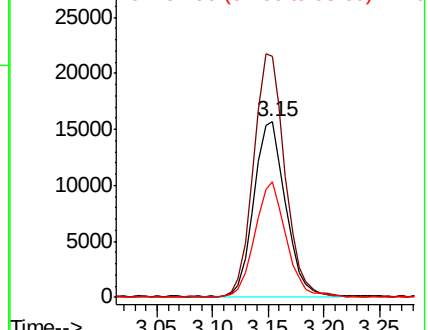


Abundance

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: 10.567 ug/l

RT: 3.84 min Scan# 441

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Tgt Ion: 45 Resp: 102198

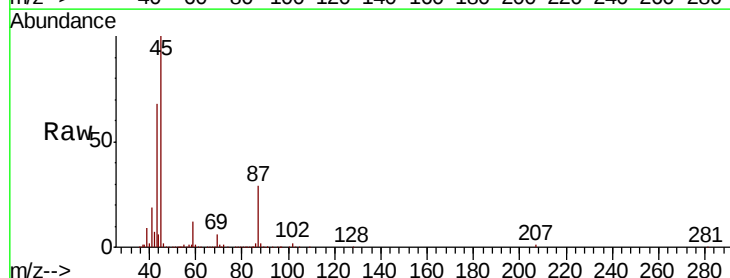
Ion Ratio Lower Upper

45 100

43 67.7 51.0 76.6

87 29.3 22.0 33.0

59 11.4 9.1 13.7



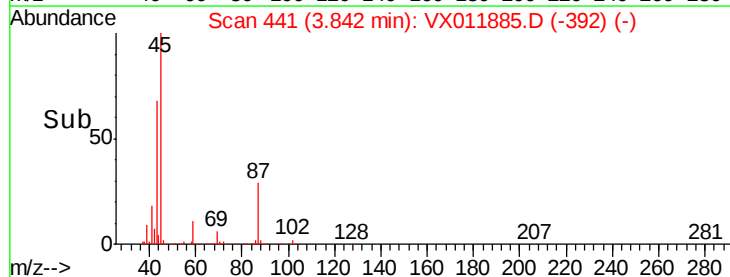
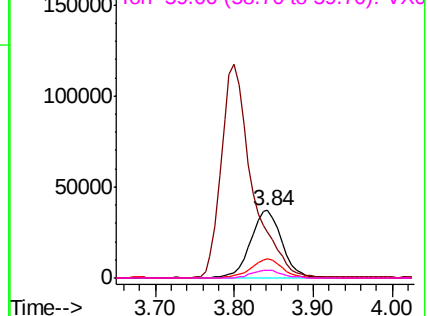
Abundance

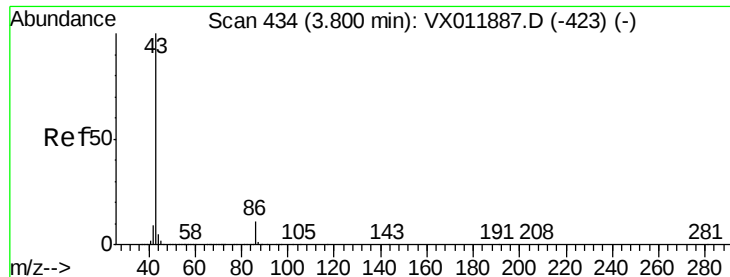
Ion 45.00 (44.70 to 45.70): VX0

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: 75.794 ug/l

RT: 3.80 min Scan# 434

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

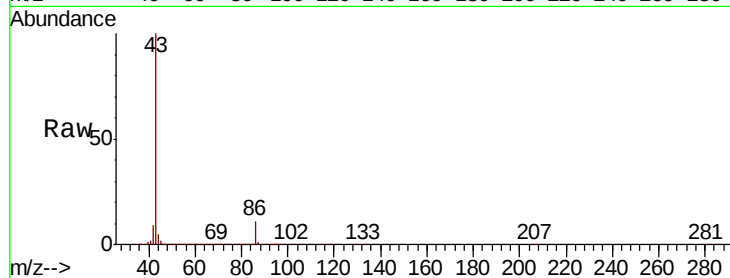
VSTDIC010

Tgt Ion: 43 Resp: 320058

Ion Ratio Lower Upper

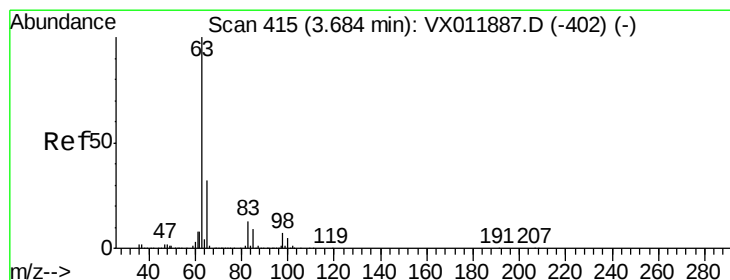
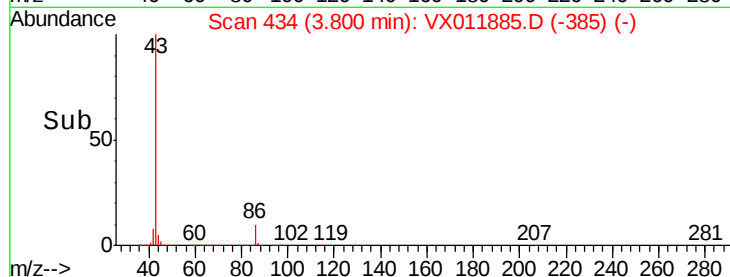
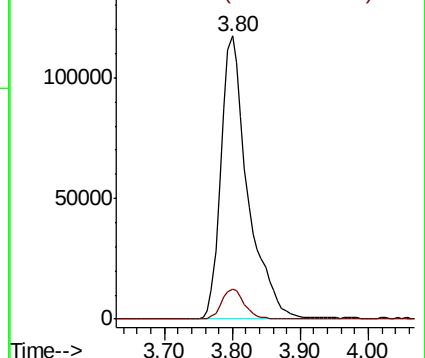
43 100

86 10.6 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: 10.285 ug/l

RT: 3.68 min Scan# 415

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

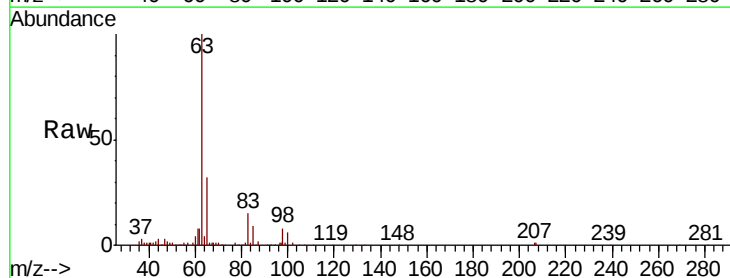
Tgt Ion: 63 Resp: 56270

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.2

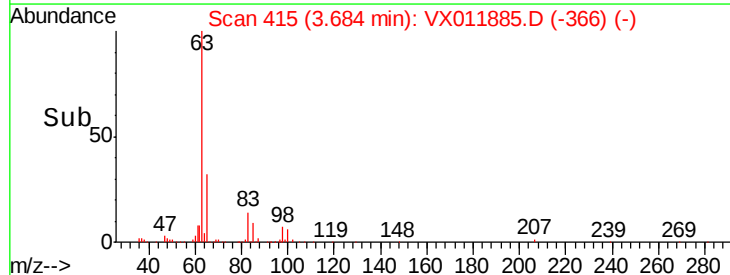
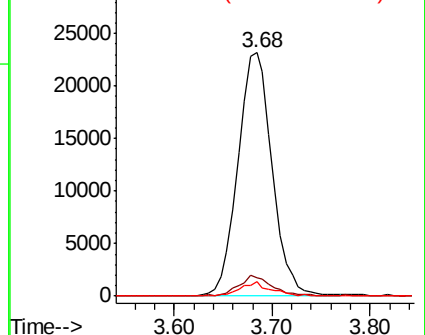
100 6.0 2.4 7.2

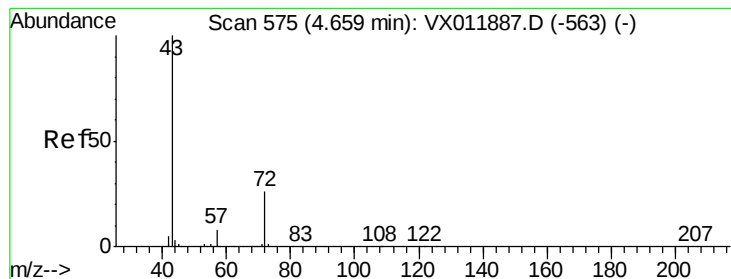


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 51.600 ug/l

RT: 4.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

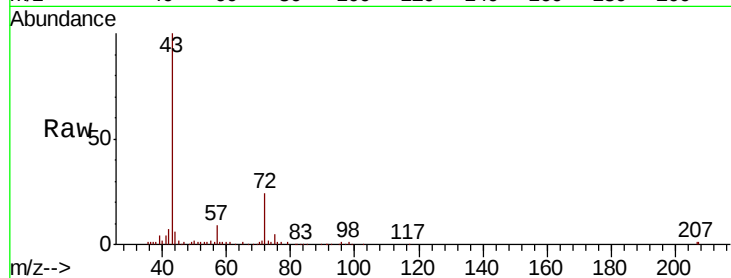
VSTDIC010

Tgt Ion: 43 Resp: 54863

Ion Ratio Lower Upper

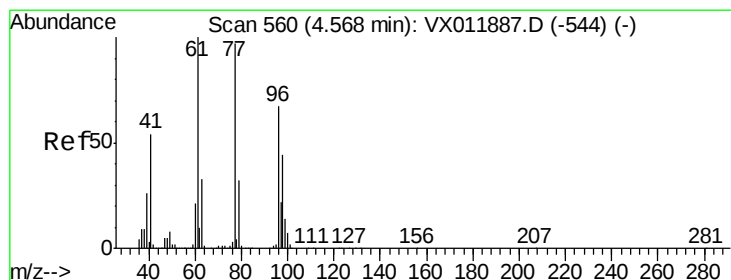
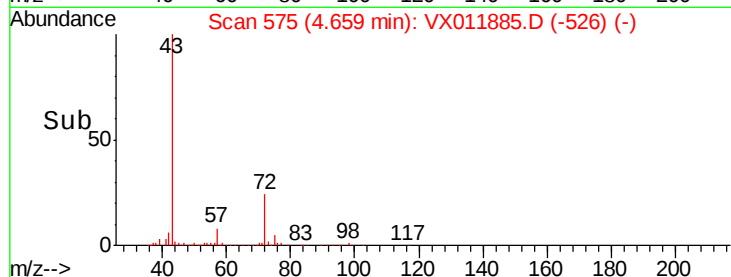
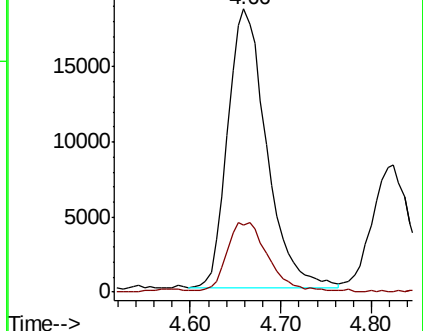
43 100

72 23.8 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 12.393 ug/l

RT: 4.56 min Scan# 559

Delta R.T. -0.01 min

Lab File: VX011885.D

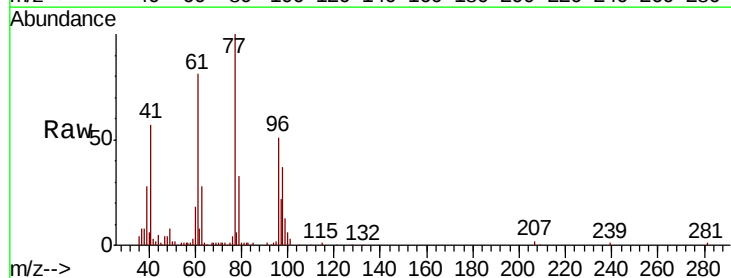
Acq: 29 Aug 2019 21:15

Tgt Ion: 77 Resp: 47511

Ion Ratio Lower Upper

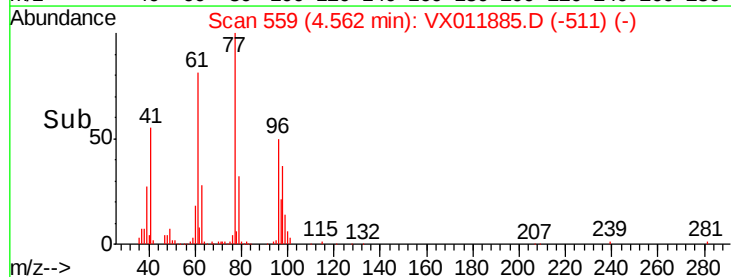
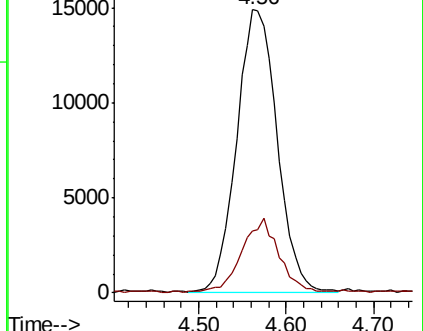
77 100

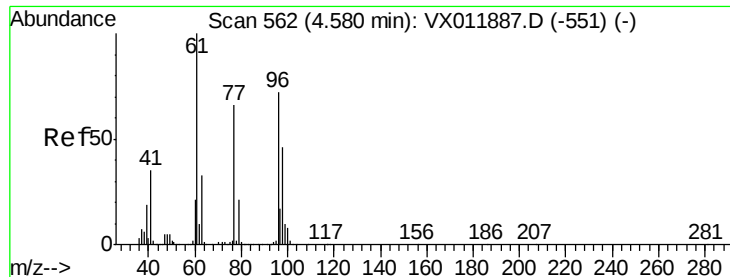
97 24.9 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



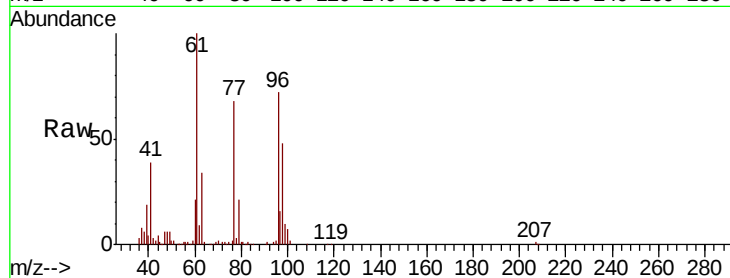


#27

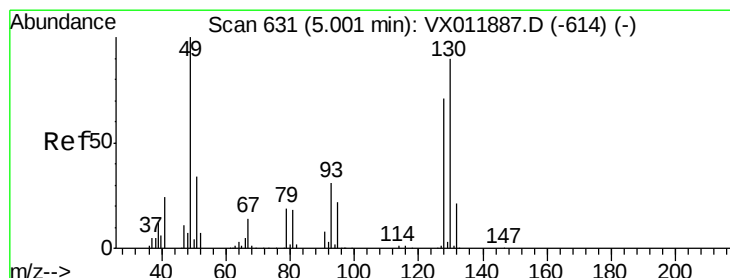
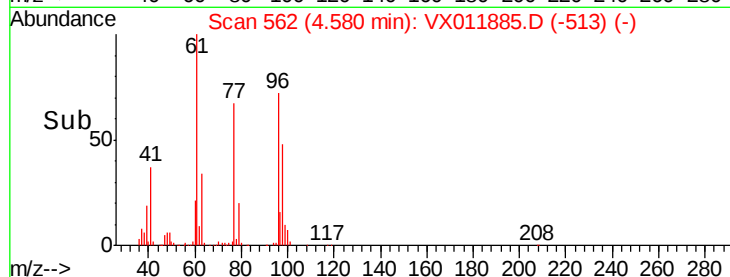
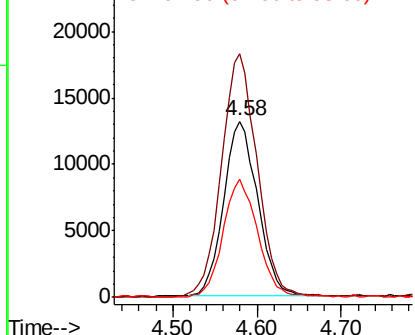
cis-1,2-Dichloroethene
 Concen: 10.149 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 36415
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 283.8
 98 68.6 0.0 131.2



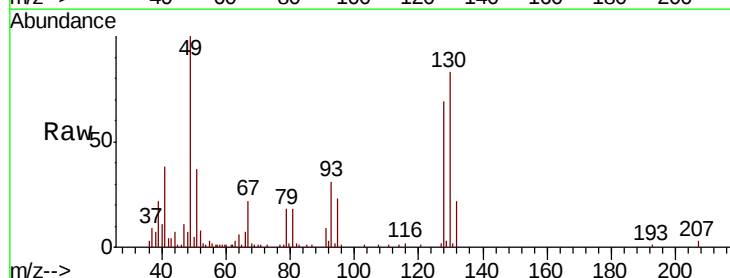
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



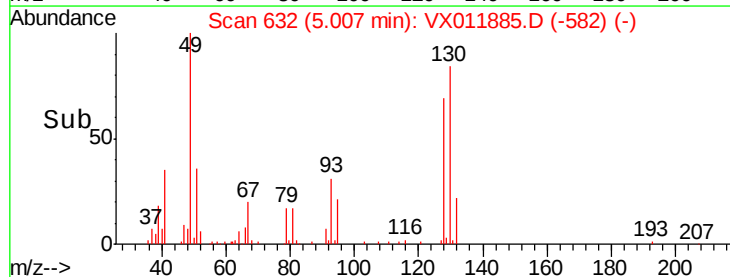
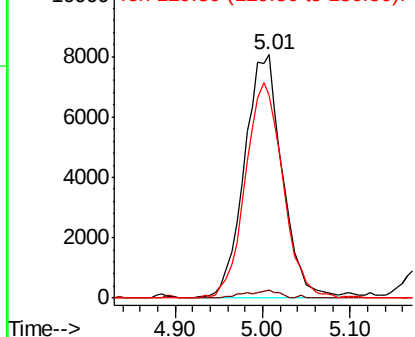
#28

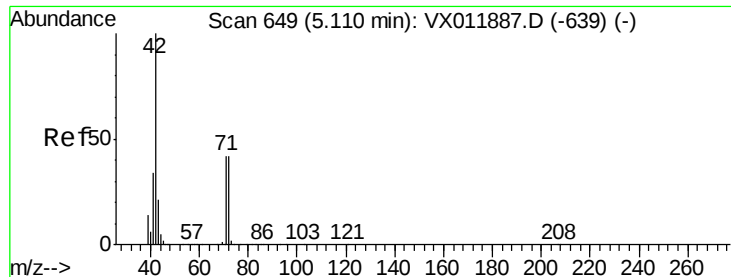
Bromochloromethane
 Concen: 10.009 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. 0.01 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

Tgt Ion: 49 Resp: 24355
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.8
 130 87.7 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: 52.032 ug/l

RT: 5.12 min Scan# 650

Delta R.T. 0.01 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

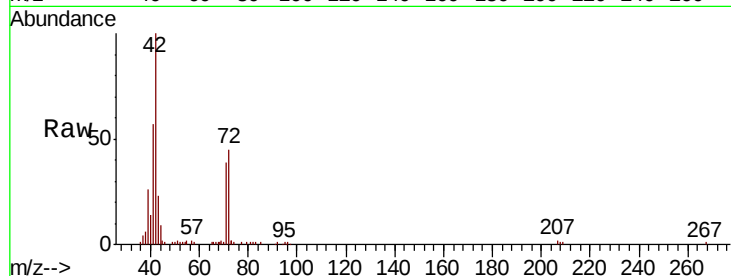
Tgt Ion: 42 Resp: 34448

Ion Ratio Lower Upper

42 100

72 47.1 36.2 54.4

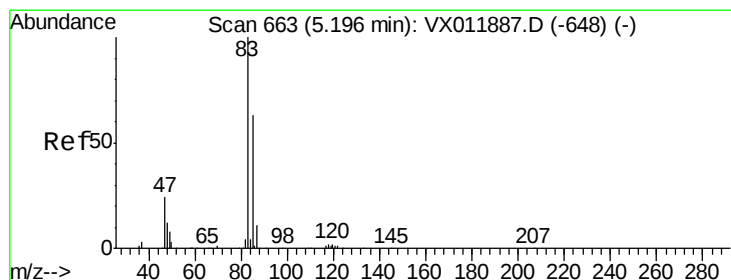
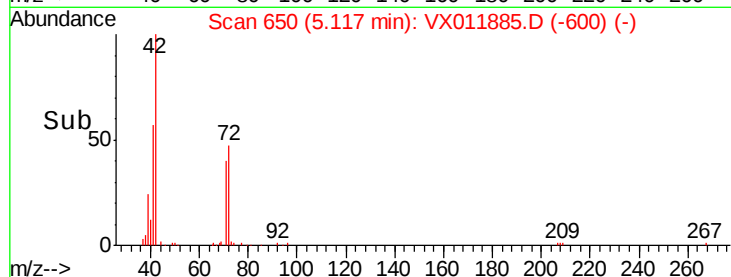
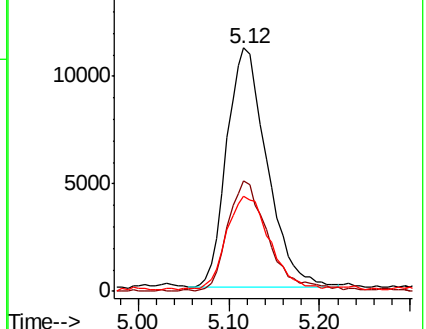
71 42.1 33.1 49.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 10.206 ug/l

RT: 5.20 min Scan# 663

Delta R.T. 0.00 min

Lab File: VX011885.D

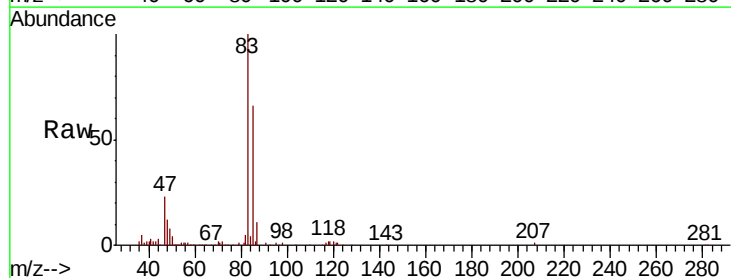
Acq: 29 Aug 2019 21:15

Tgt Ion: 83 Resp: 60187

Ion Ratio Lower Upper

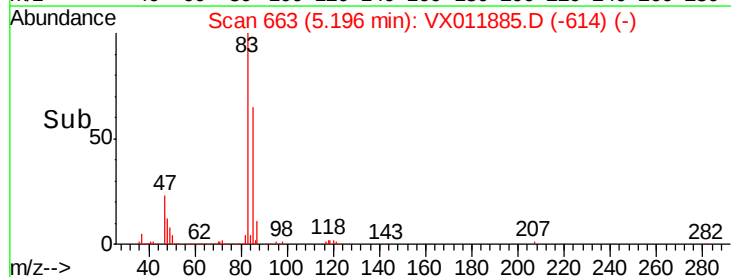
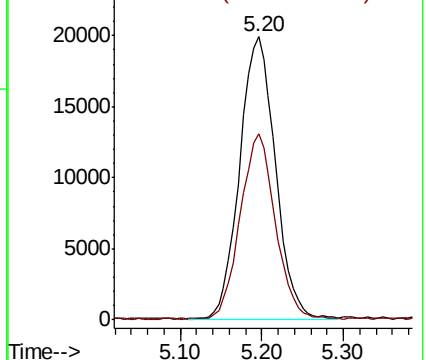
83 100

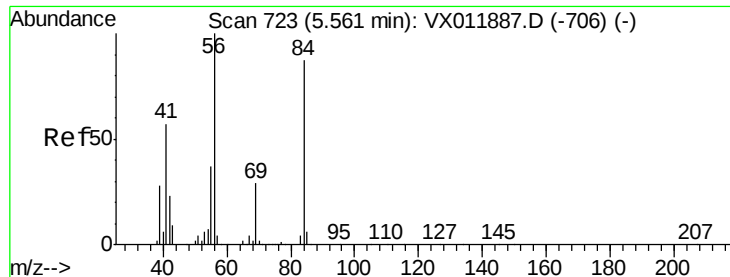
85 65.3 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

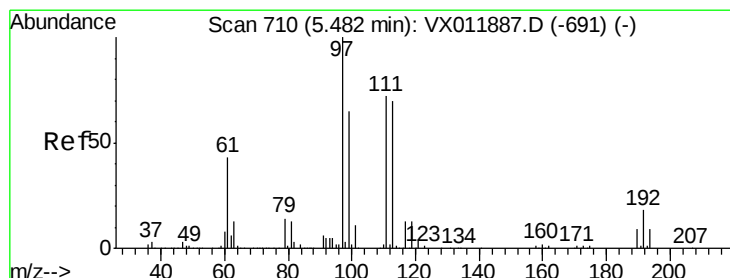
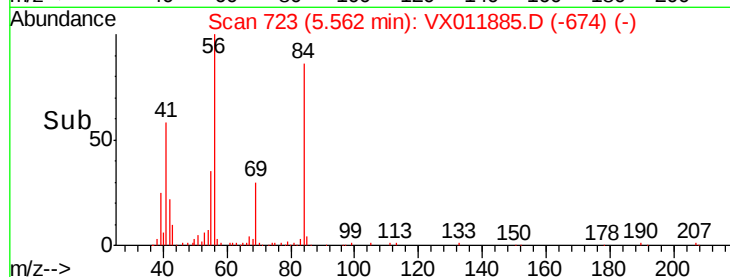
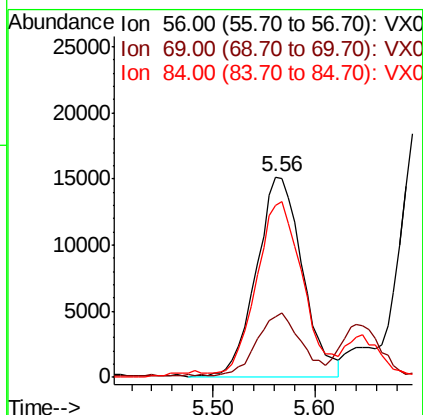
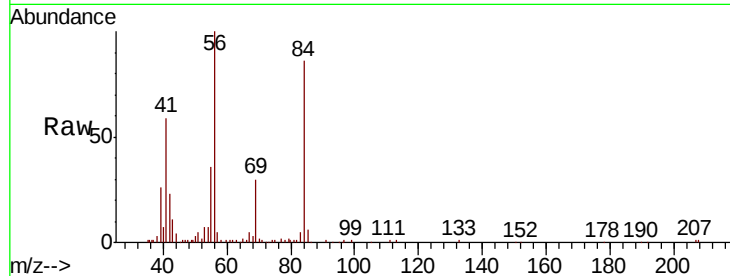




#31
Cyclohexane
Concen: 10.533 ug/l
RT: 5.56 min Scan# 723
Delta R.T. 0.00 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

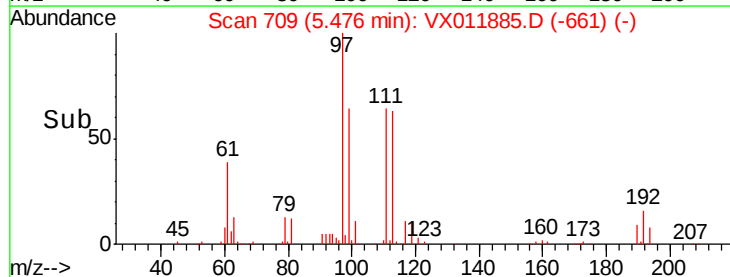
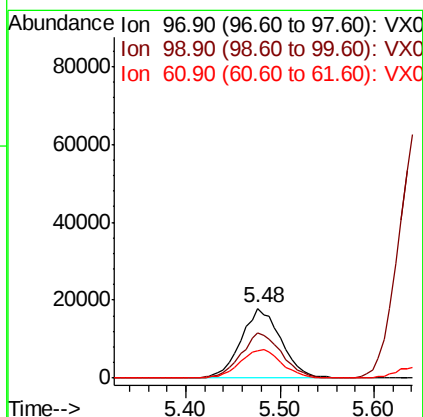
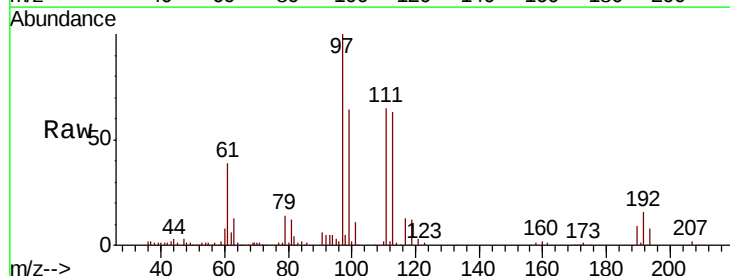
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

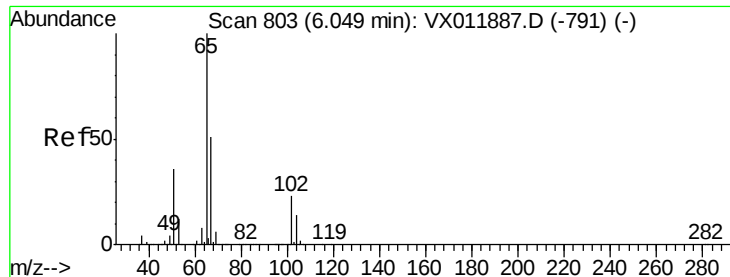
Tgt Ion: 56 Resp: 46937
Ion Ratio Lower Upper
56 100
69 29.0 23.1 34.7
84 83.9 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 10.508 ug/l
RT: 5.48 min Scan# 709
Delta R.T. -0.01 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

Tgt Ion: 97 Resp: 52290
Ion Ratio Lower Upper
97 100
99 66.7 51.8 77.8
61 43.2 33.8 50.6





#33

1,2-Dichloroethane-d4

Concen: 10.639 ug/l

RT: 6.05 min Scan# 803

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

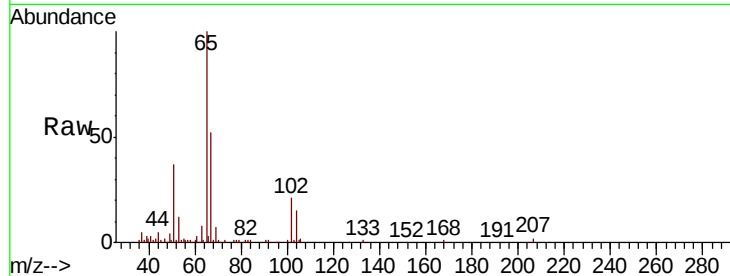
VSTDIC010

Tgt Ion: 65 Resp: 36414

Ion Ratio Lower Upper

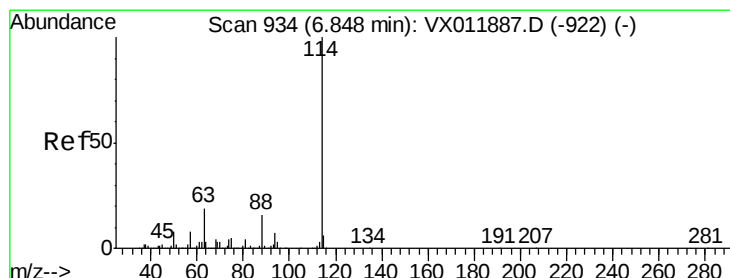
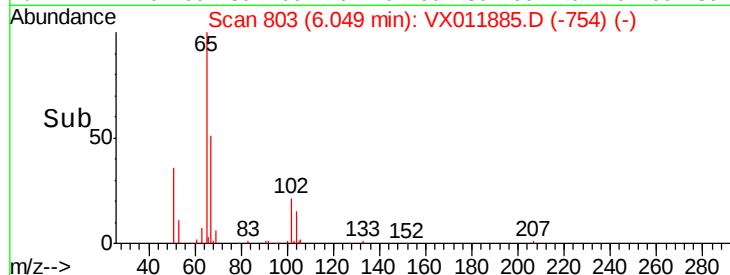
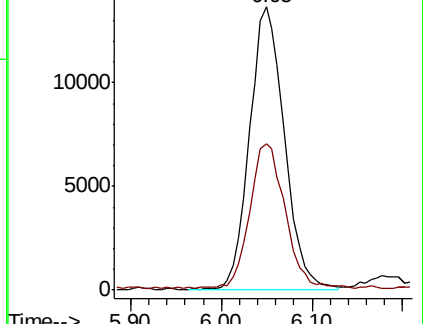
65 100

67 51.0 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

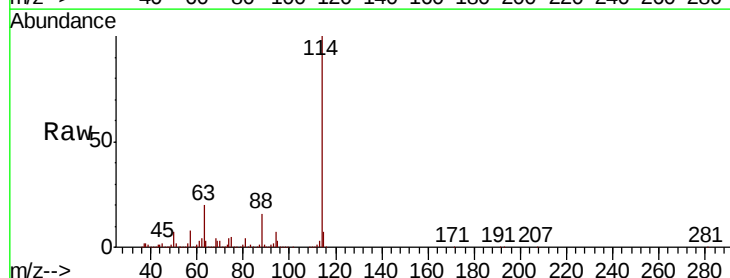
Tgt Ion: 114 Resp: 513307

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

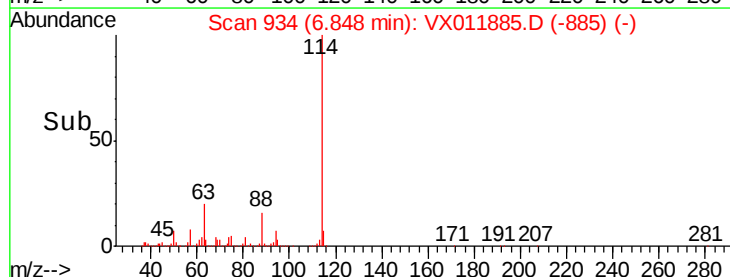
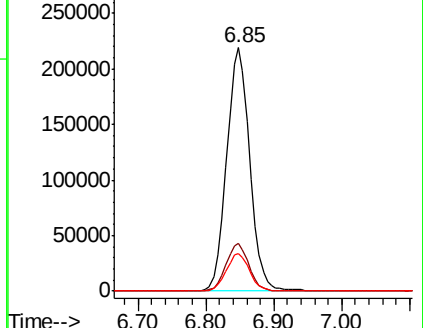
88 15.5 0.0 31.2

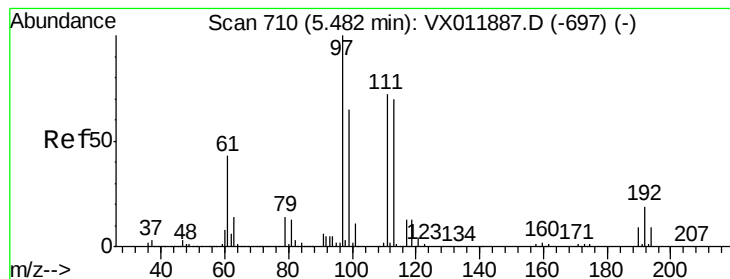


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 10.951 ug/l

RT: 5.48 min Scan# 710

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

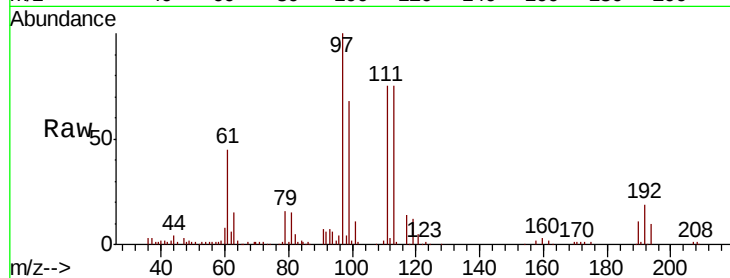
Tgt Ion:113 Resp: 34883

Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

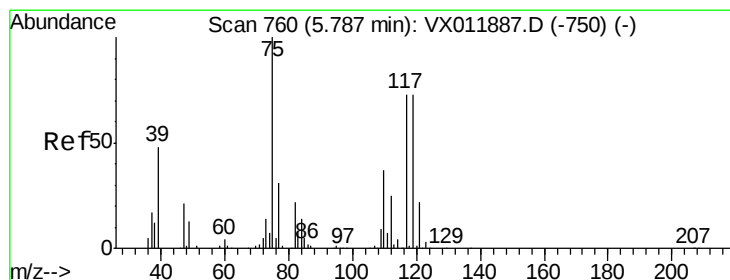
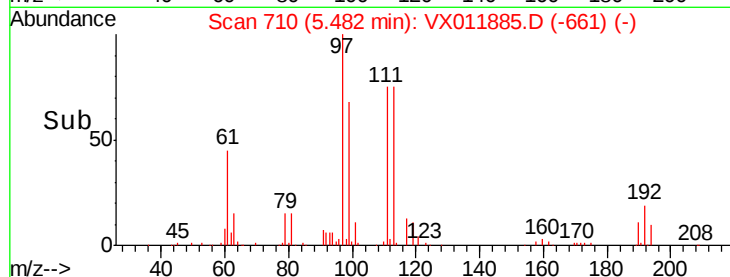
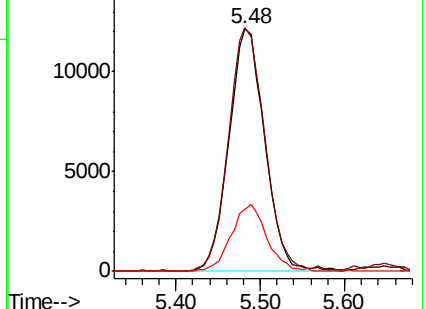
192 27.4 21.5 32.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 10.175 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

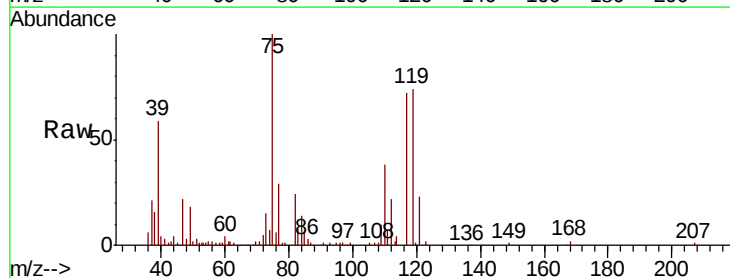
Tgt Ion: 75 Resp: 41197

Ion Ratio Lower Upper

75 100

110 38.4 19.1 57.3

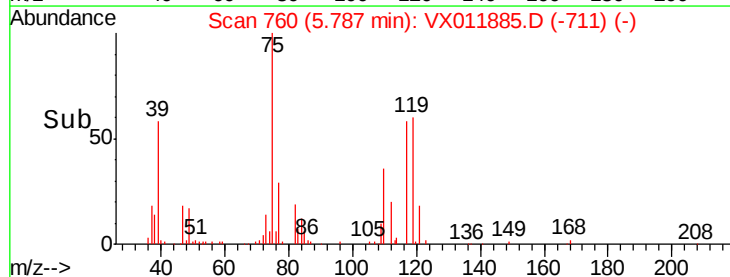
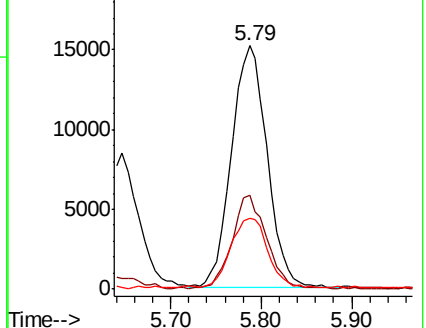
77 30.2 24.4 36.6

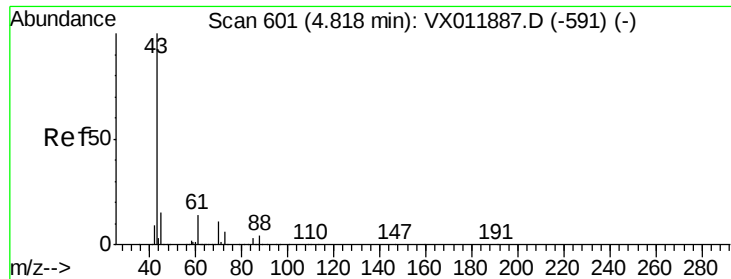


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

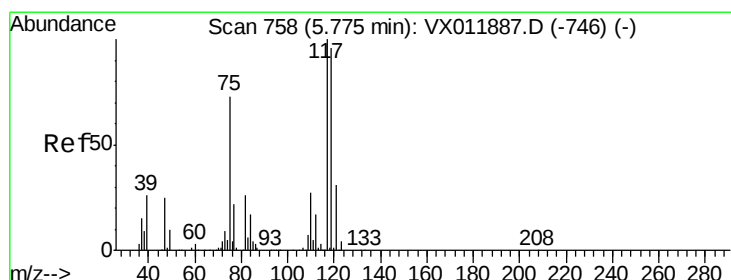
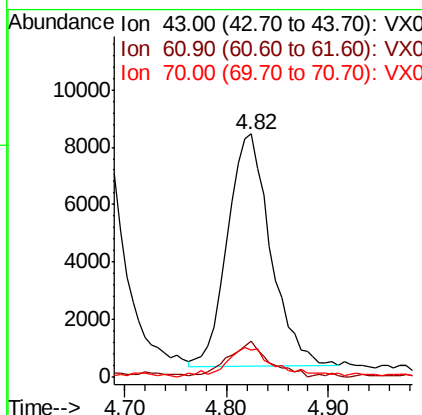
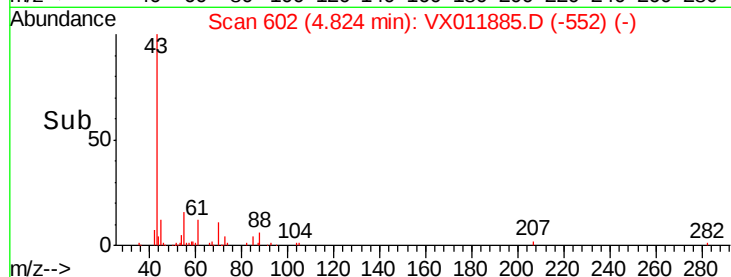
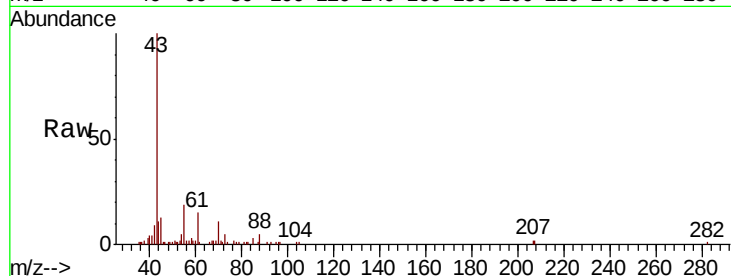




#37
Ethyl Acetate
Concen: 12.405 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.01 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

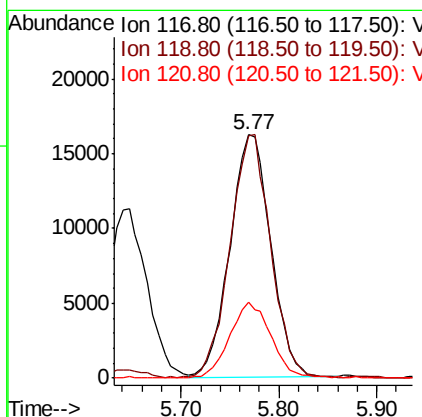
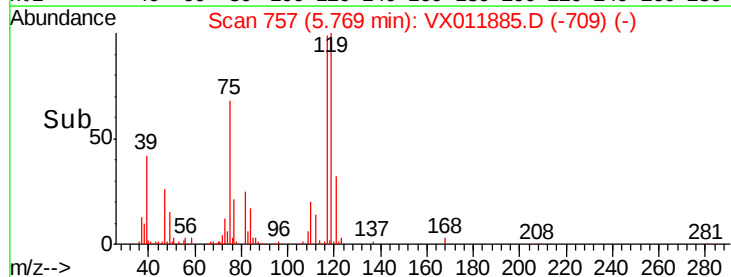
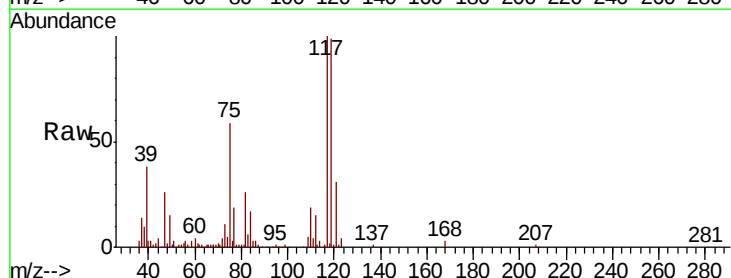
Instrument :
MSVOA_X
ClientSampled :
VSTDIC010

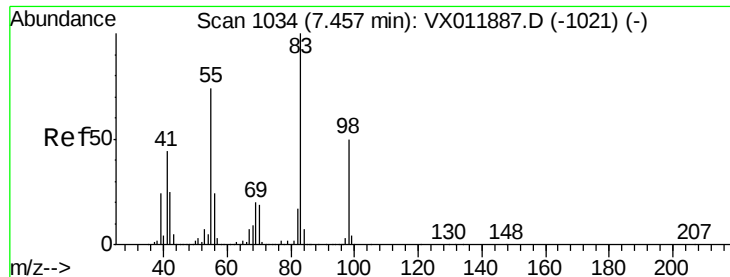
Tgt Ion: 43 Resp: 23669
Ion Ratio Lower Upper
43 100
61 12.8 11.0 16.4
70 15.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 11.922 ug/l
RT: 5.77 min Scan# 757
Delta R.T. -0.01 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

Tgt Ion: 117 Resp: 47040
Ion Ratio Lower Upper
117 100
119 99.6 76.6 114.8
121 31.2 24.7 37.1

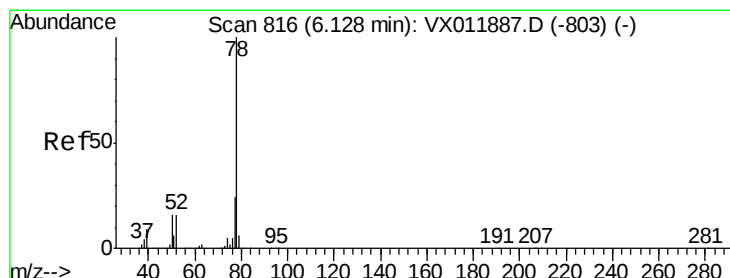
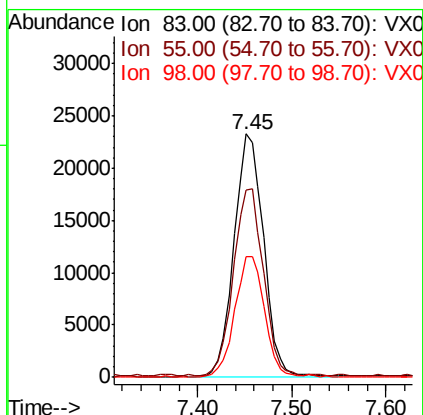
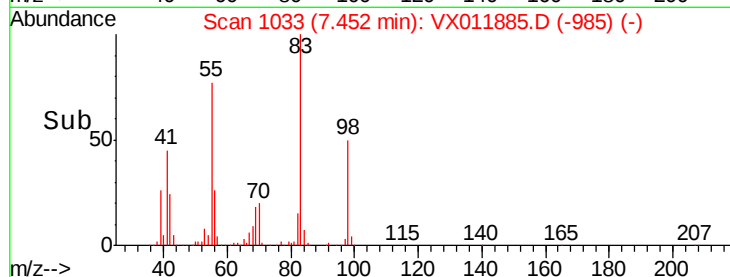
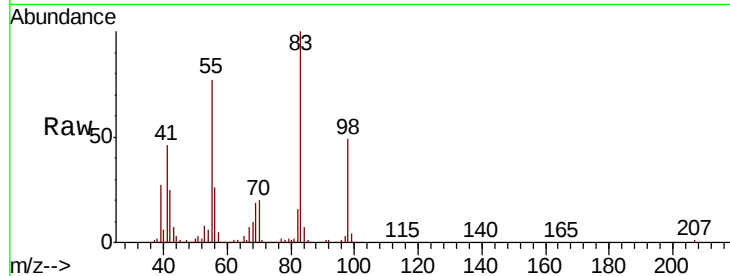




#39
Methylcyclohexane
Concen: 10.448 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

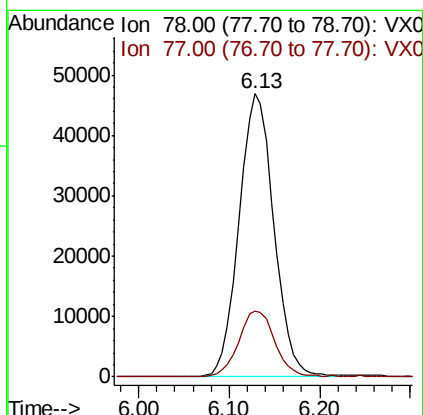
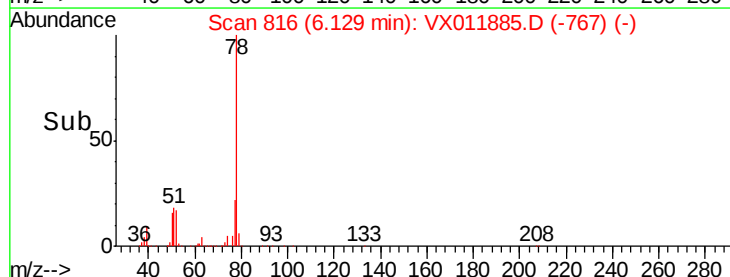
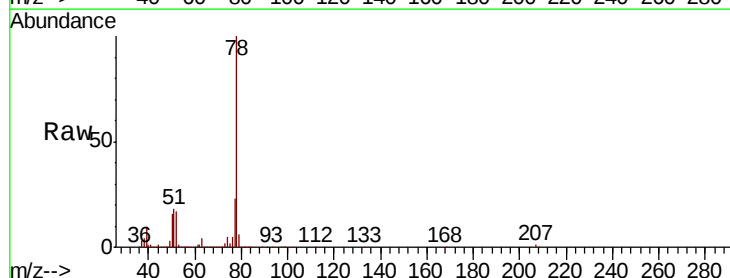
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

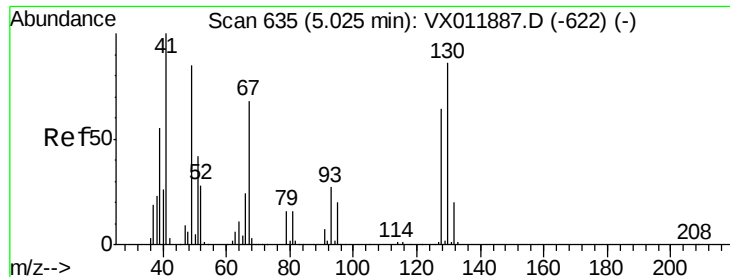
Tgt Ion: 83 Resp: 50575
Ion Ratio Lower Upper
83 100
55 76.2 59.4 89.0
98 49.5 40.3 60.5



#40
Benzene
Concen: 10.277 ug/l
RT: 6.13 min Scan# 816
Delta R.T. 0.00 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

Tgt Ion: 78 Resp: 124351
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6





#41

Methacrylonitrile

Concen: 10.948 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.01 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampled :

VSTDIC010

Tgt Ion: 41 Resp: 14226

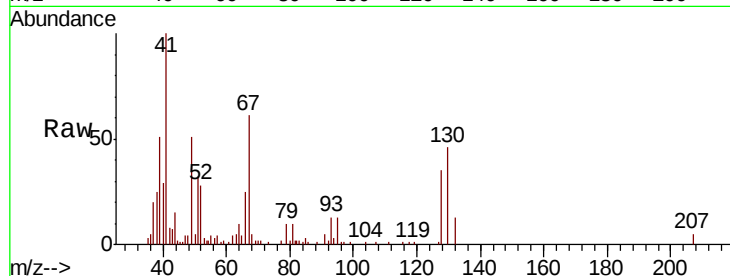
Ion Ratio Lower Upper

41 100

39 55.1 45.0 67.6

67 71.7 55.0 82.4

52 29.4 24.1 36.1

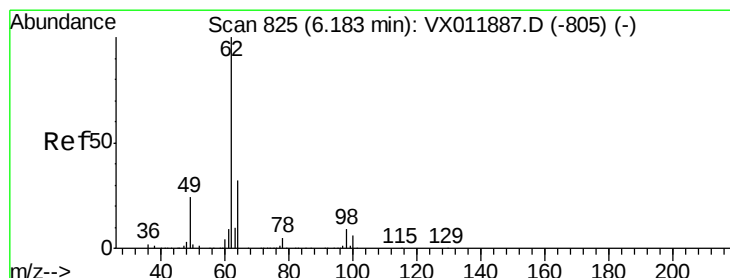
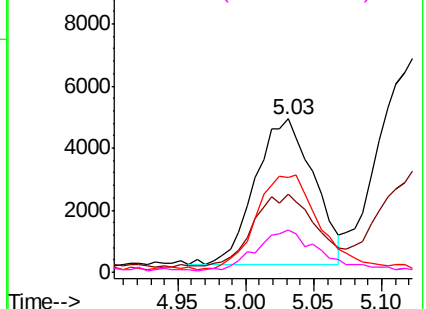
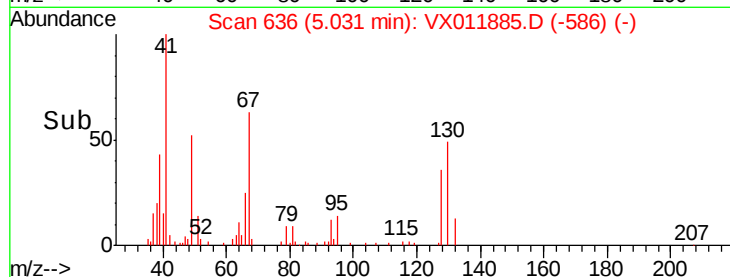


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 10.476 ug/l

RT: 6.18 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX011885.D

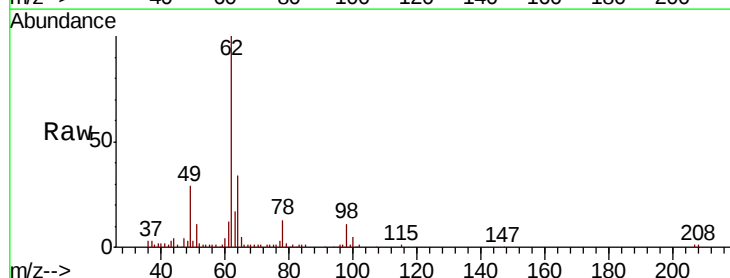
Acq: 29 Aug 2019 21:15

Tgt Ion: 62 Resp: 42298

Ion Ratio Lower Upper

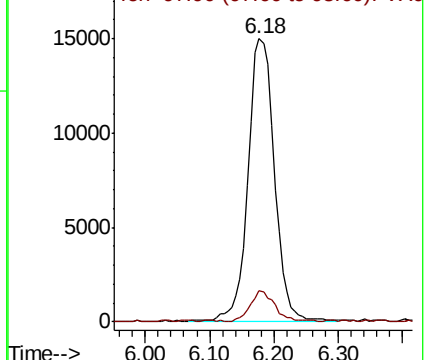
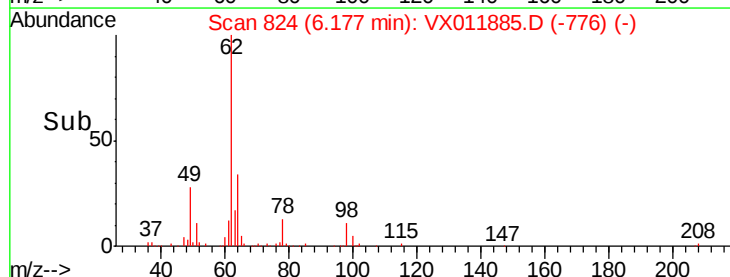
62 100

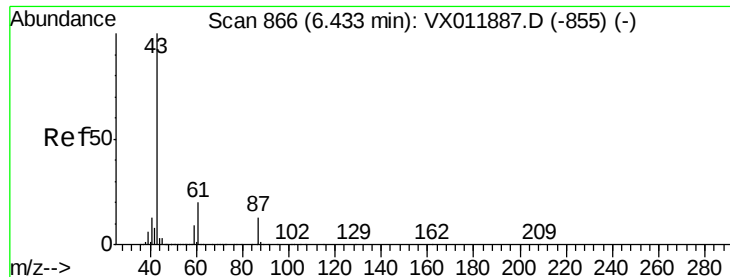
98 10.2 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 12.898 ug/l

RT: 6.43 min Scan# 866

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

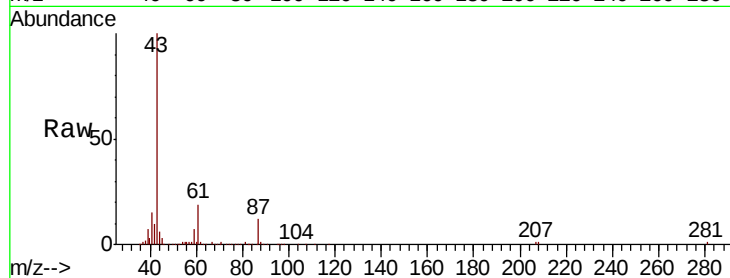
Tgt Ion: 43 Resp: 49039

Ion Ratio Lower Upper

43 100

61 20.3 16.1 24.1

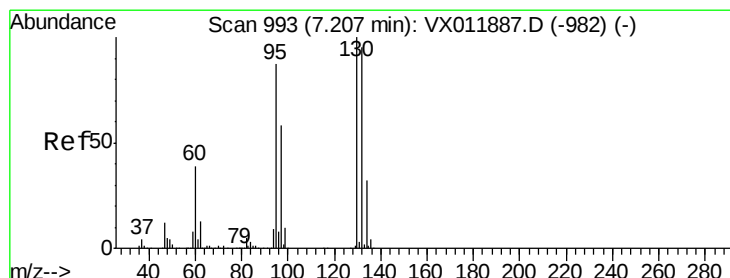
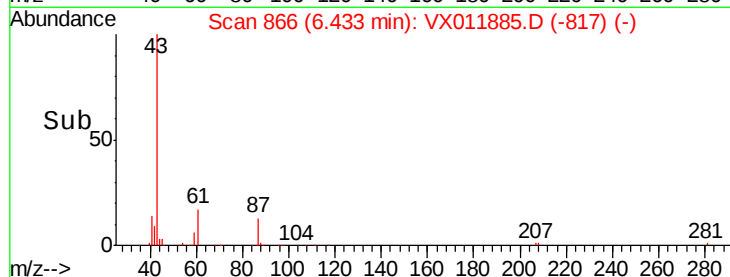
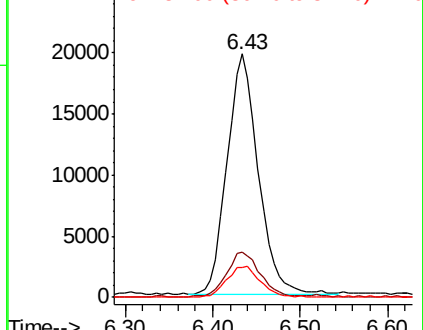
87 13.9 10.6 16.0



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: 9.140 ug/l

RT: 7.20 min Scan# 992

Delta R.T. -0.01 min

Lab File: VX011885.D

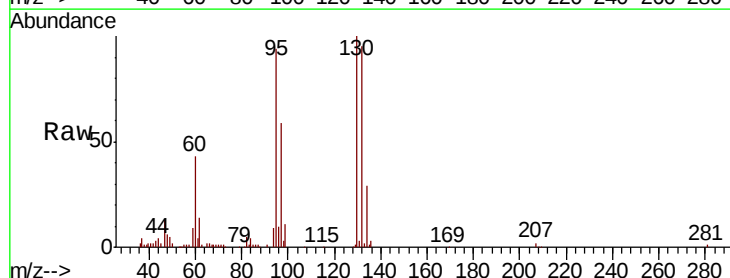
Acq: 29 Aug 2019 21:15

Tgt Ion: 130 Resp: 38190

Ion Ratio Lower Upper

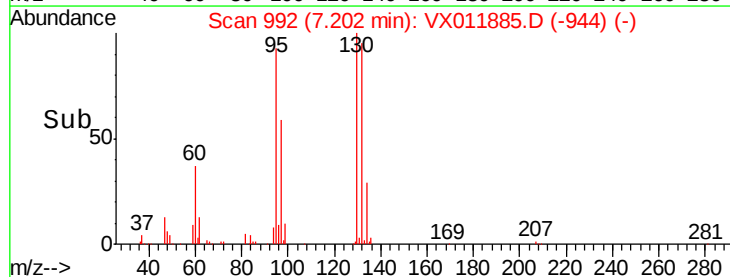
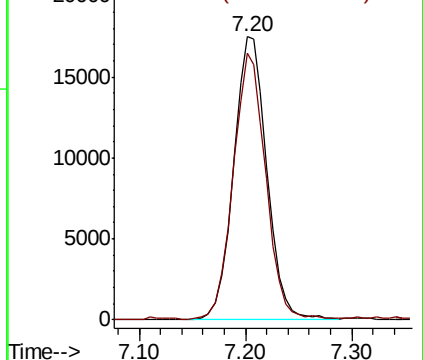
130 100

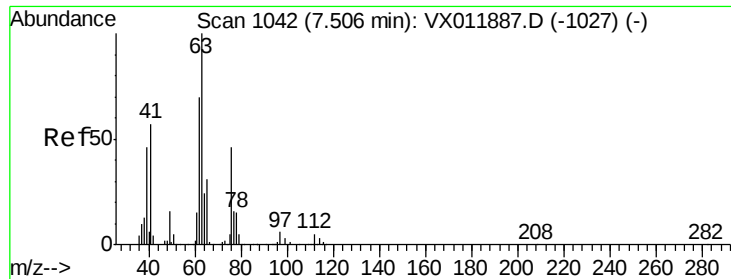
95 94.1 0.0 174.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

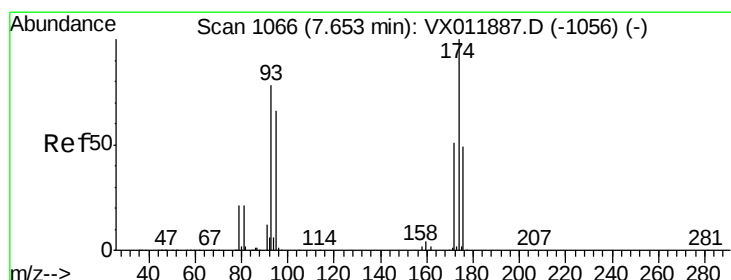
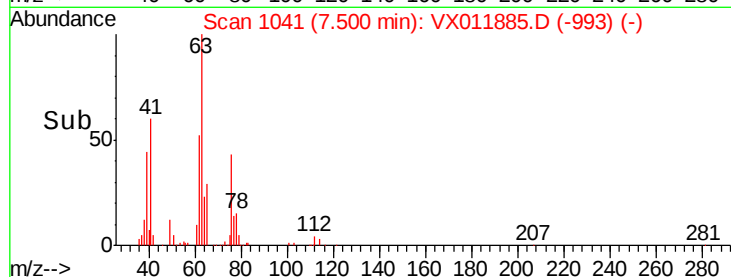
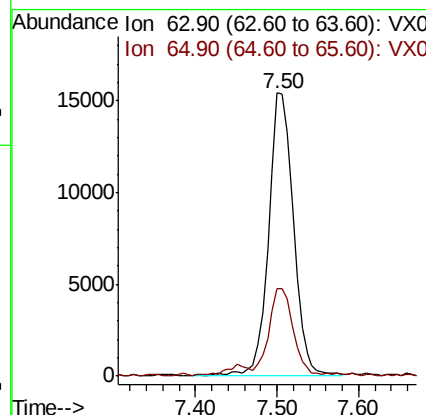
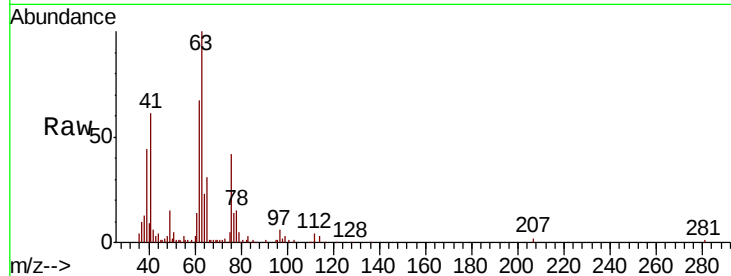




#45
 1,2-Dichloropropane
 Concen: 10.657 ug/l
 RT: 7.50 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

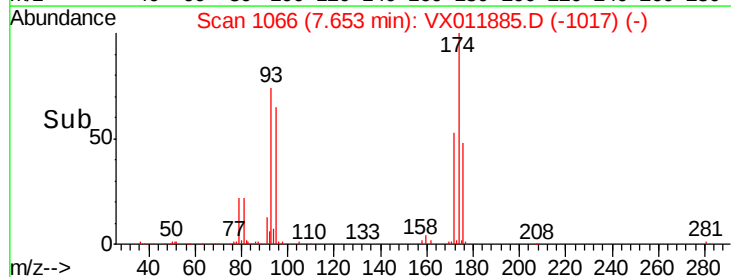
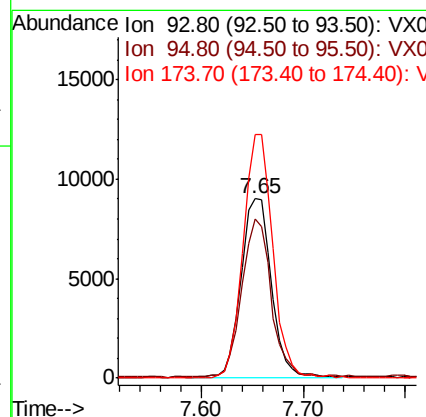
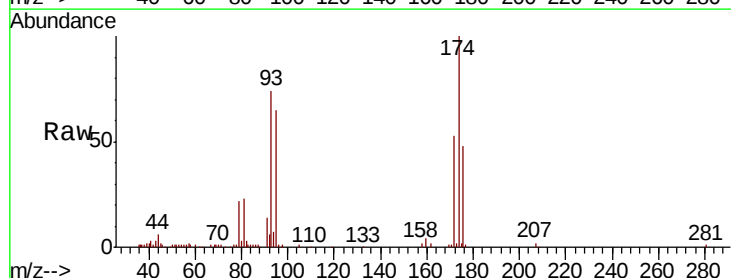
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

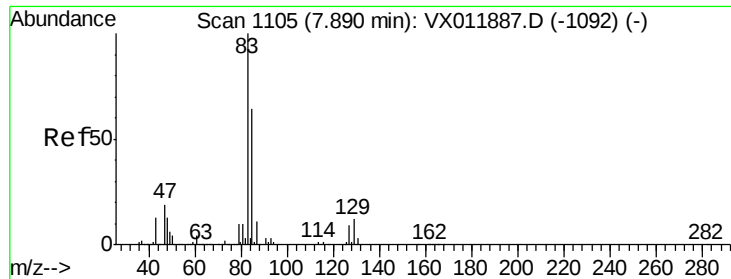
Tgt Ion: 63 Resp: 32829
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.1 37.7



#46
 Dibromomethane
 Concen: 10.230 ug/l
 RT: 7.65 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

Tgt Ion: 93 Resp: 18856
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.7 98.5
 174 130.6 104.2 156.4





#47

Bromodichloromethane

Concen: 10.976 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

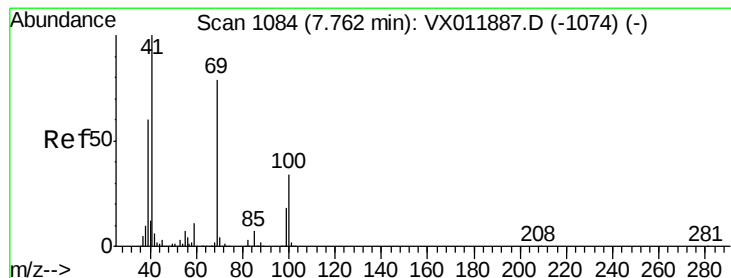
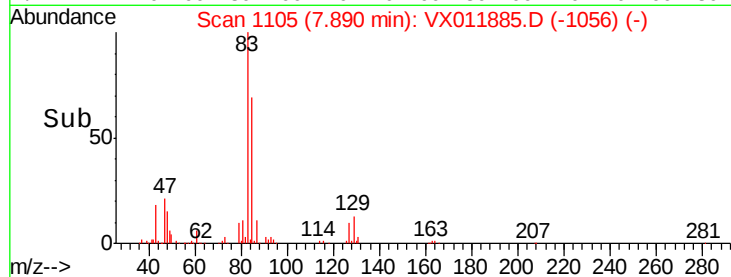
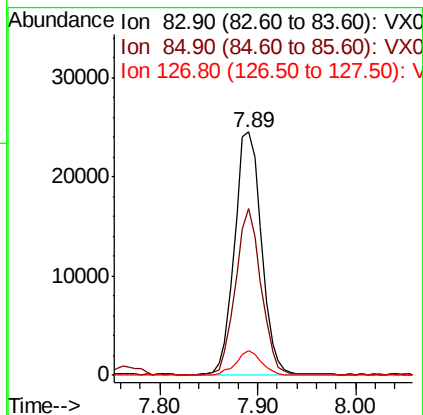
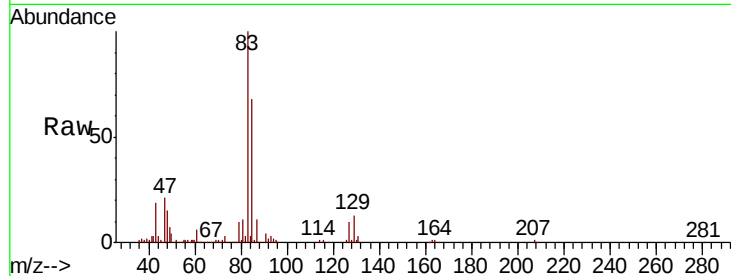
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

Tgt Ion:	83	Resp:	46884
Ion	Ratio	Lower	Upper
83	100		
85	68.3	51.1	76.7
127	10.1	7.4	11.2



#48

Methyl methacrylate

Concen: 12.391 ug/l

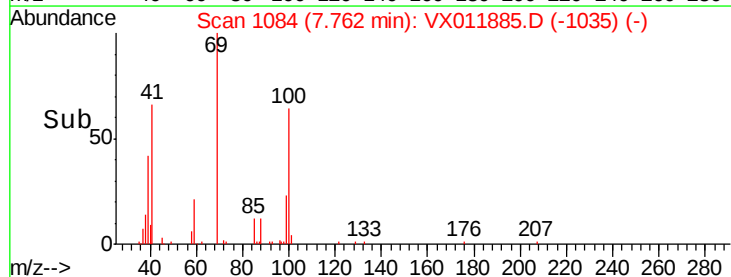
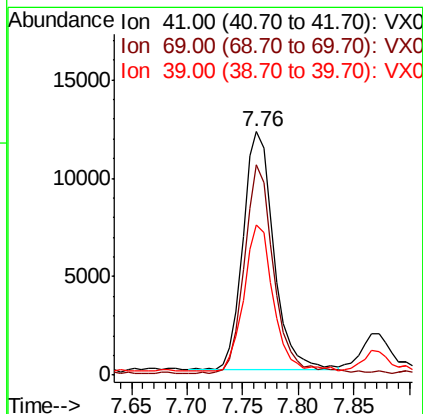
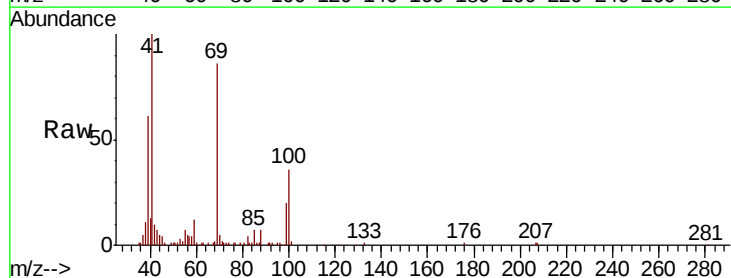
RT: 7.76 min Scan# 1084

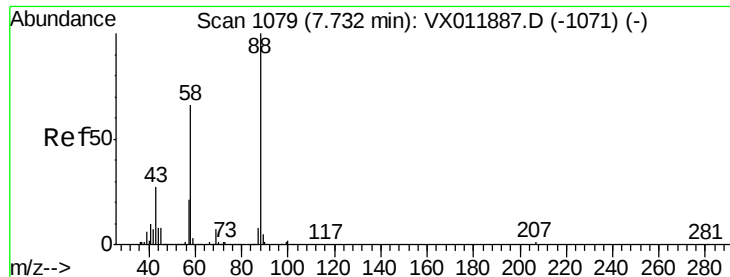
Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Tgt Ion:	41	Resp:	23176
Ion	Ratio	Lower	Upper
41	100		
69	84.5	64.4	96.6
39	58.3	47.2	70.8

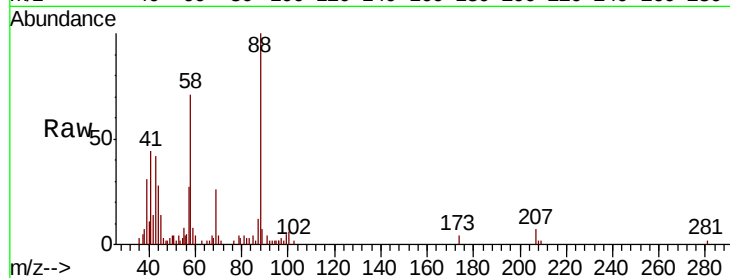




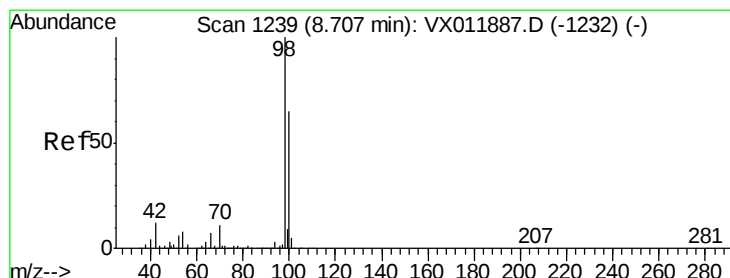
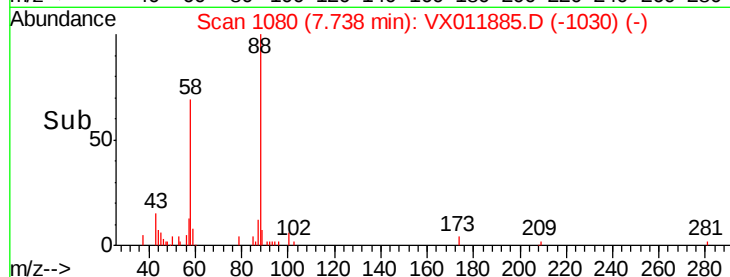
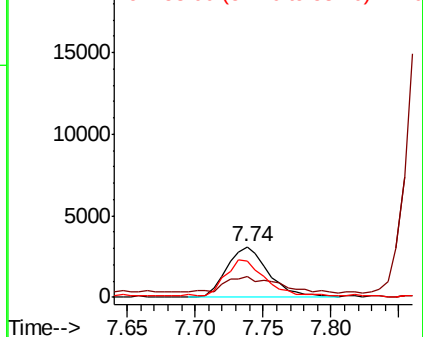
#49
 1,4-Dioxane
 Concen: 246.341 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.01 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion: 88 Resp: 6654
 Ion Ratio Lower Upper
 88 100
 43 40.8 27.3 40.9
 58 68.5 53.9 80.9

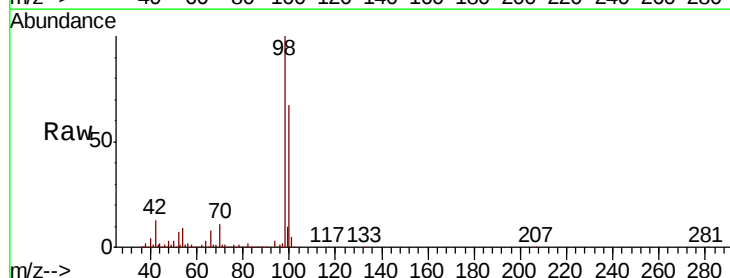


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

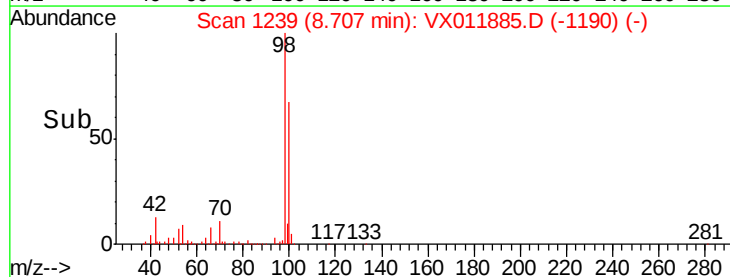
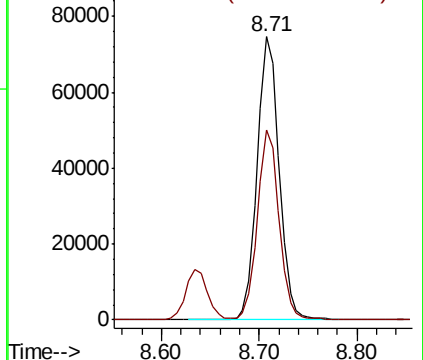


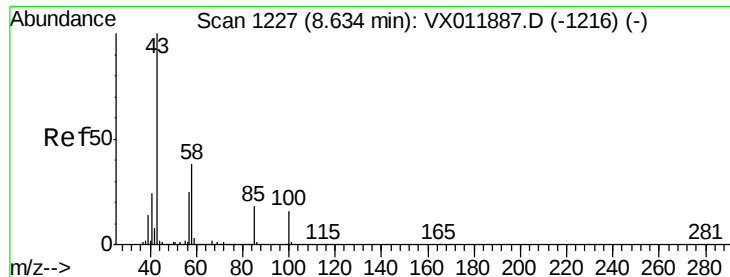
#50
 Toluene-d8
 Concen: 10.097 ug/l
 RT: 8.71 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

Tgt Ion: 98 Resp: 116472
 Ion Ratio Lower Upper
 98 100
 100 65.7 53.0 79.6



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

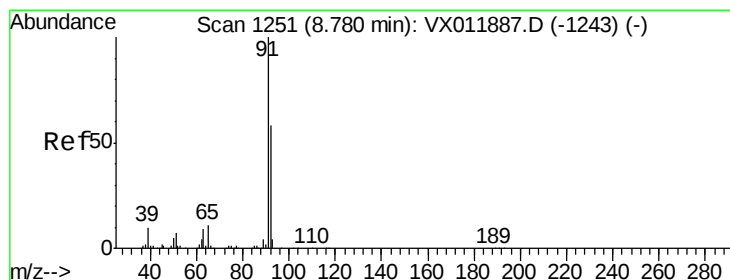
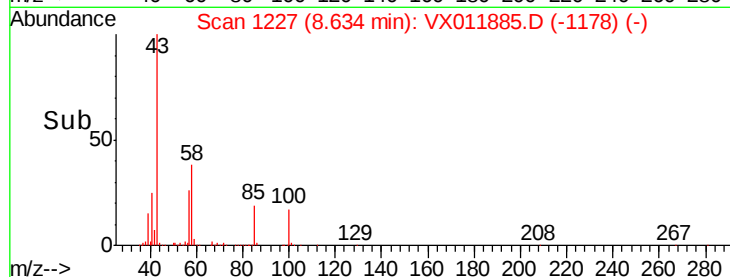
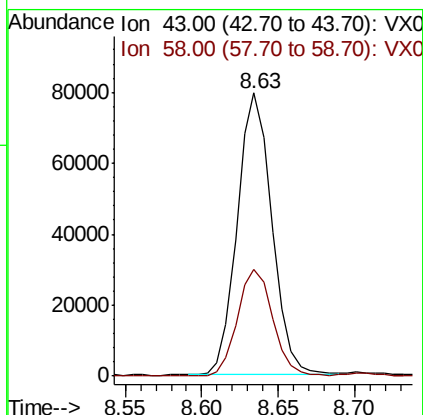
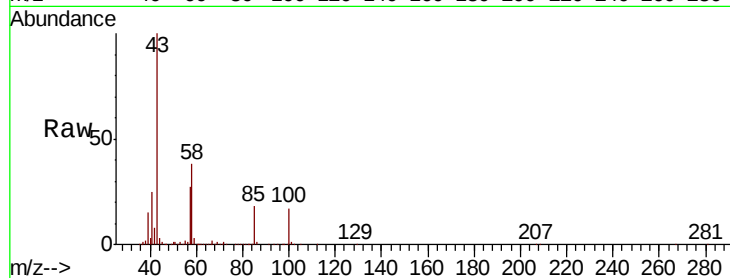




#51
 4-Methyl-2-Pentanone
 Concen: 61.709 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

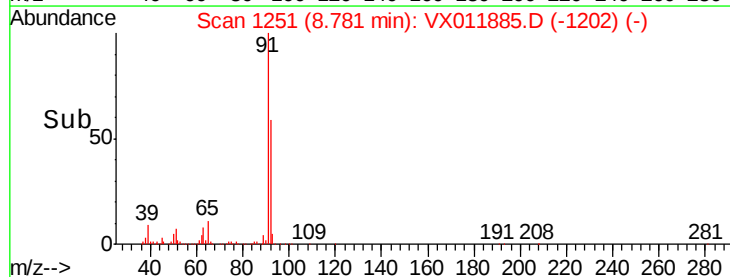
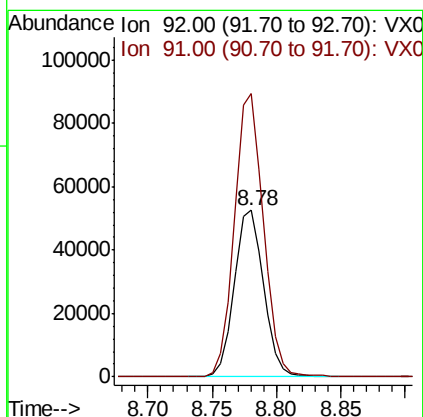
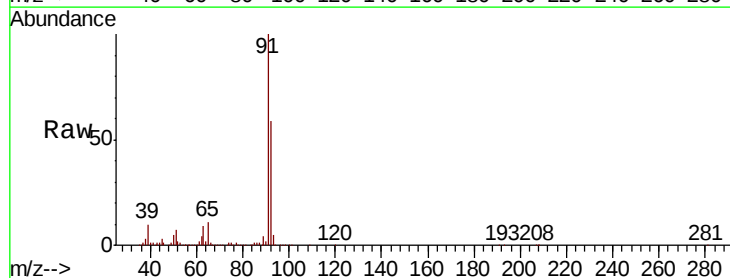
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

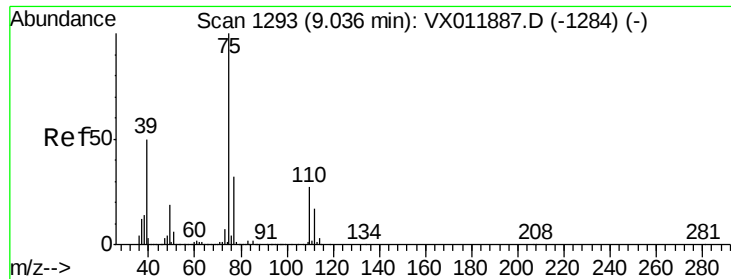
Tgt Ion: 43 Resp: 124878
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.9 46.3



#52
 Toluene
 Concen: 10.537 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

Tgt Ion: 92 Resp: 83566
 Ion Ratio Lower Upper
 92 100
 91 168.8 136.8 205.2

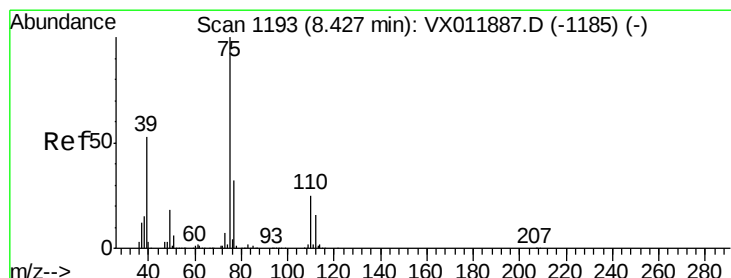
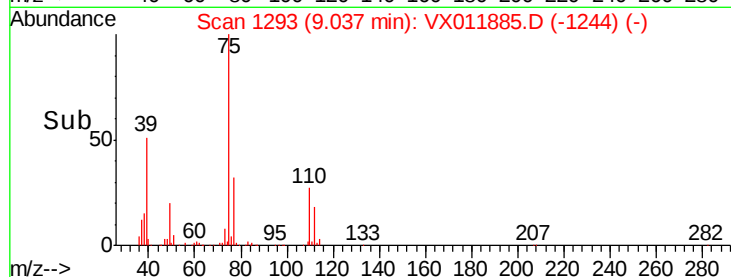
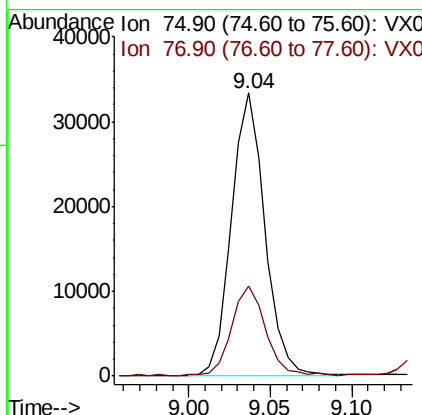
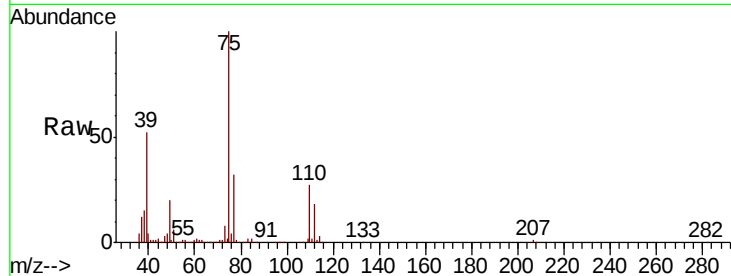




#53
 t-1,3-Dichloropropene
 Concen: 14.324 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

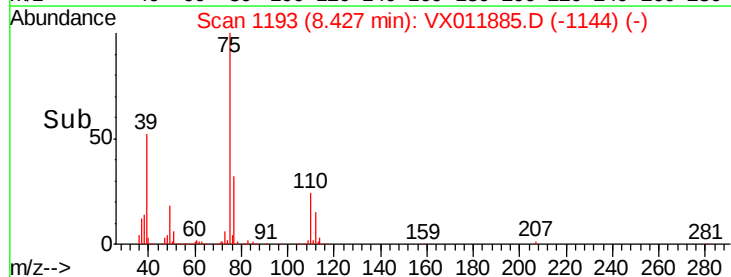
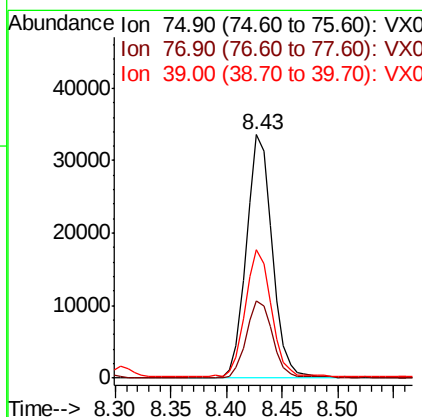
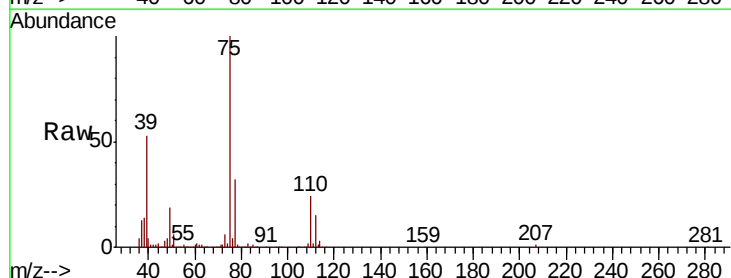
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

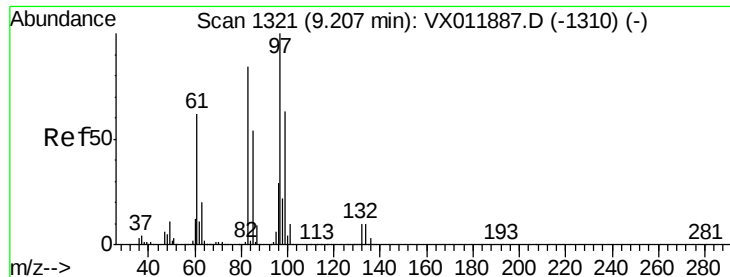
Tgt Ion: 75 Resp: 47770
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 12.795 ug/l
 RT: 8.43 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

Tgt Ion: 75 Resp: 54648
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3
 39 52.3 42.6 64.0

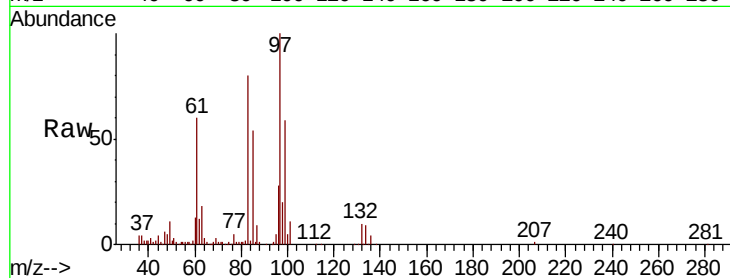




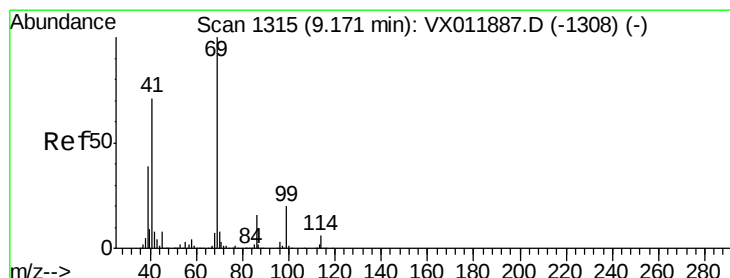
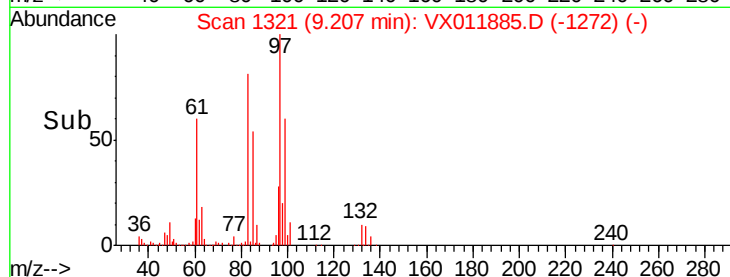
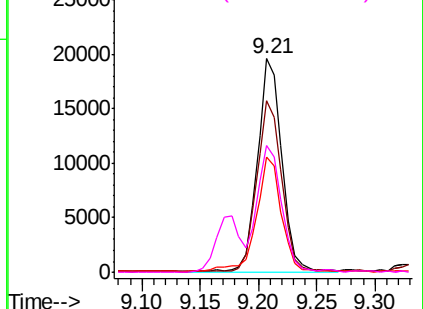
#55
 1,1,2-Trichloroethane
 Concen: 11.563 ug/l
 RT: 9.21 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion:	97	Resp:	28953
Ion	Ratio	Lower	Upper
97	100		
83	79.7	66.8	100.2
85	53.6	43.5	65.3
99	59.4	50.6	75.8

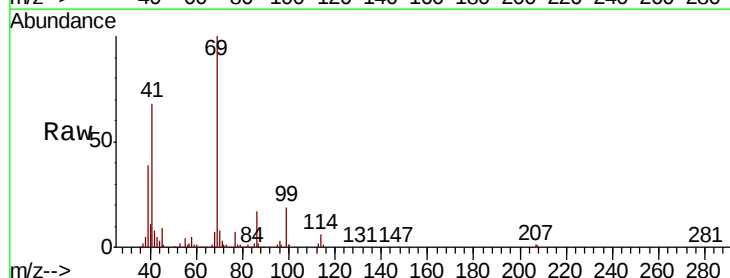


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

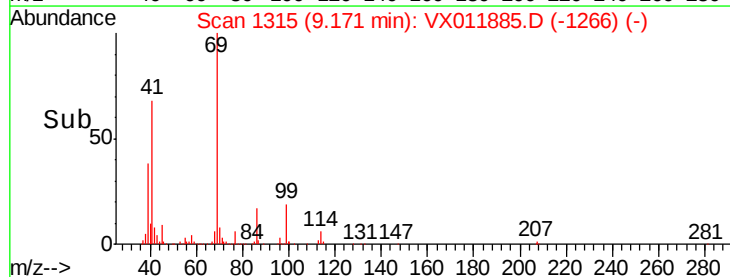
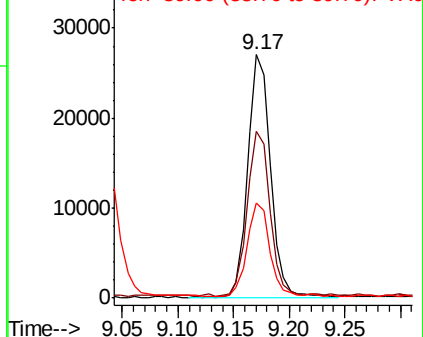


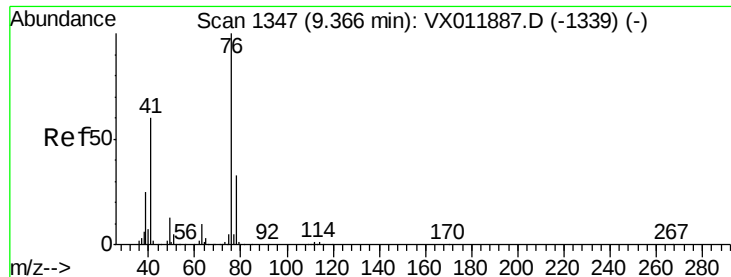
#56
 Ethyl methacrylate
 Concen: 14.717 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

Tgt Ion:	69	Resp:	38258
Ion	Ratio	Lower	Upper
69	100		
41	69.1	55.8	83.8
39	38.2	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: 11.750 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

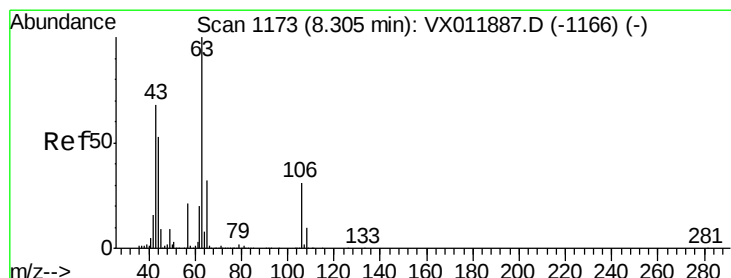
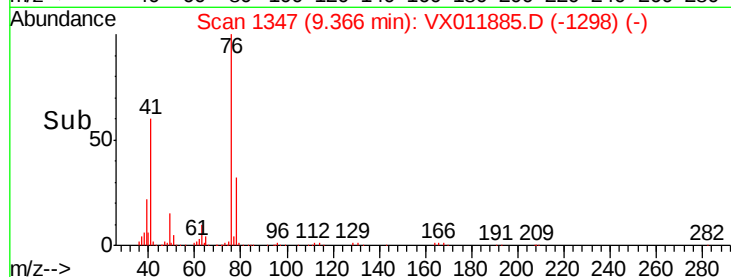
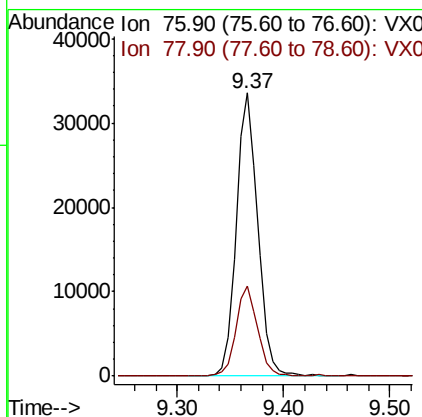
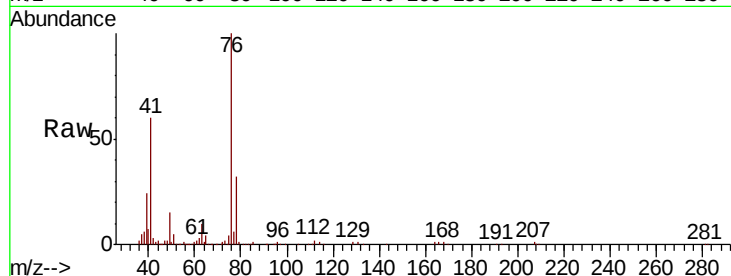
VSTDIC010

Tgt Ion: 76 Resp: 47500

Ion Ratio Lower Upper

76 100

78 31.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 107.514 ug/l

RT: 8.31 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011885.D

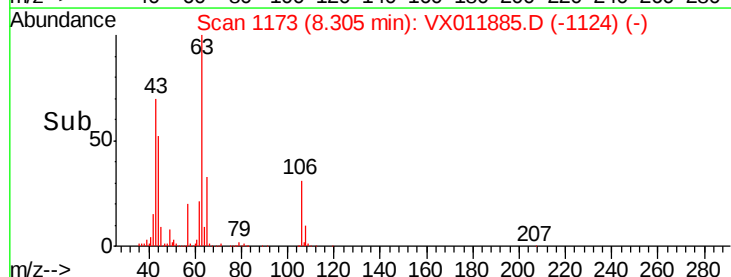
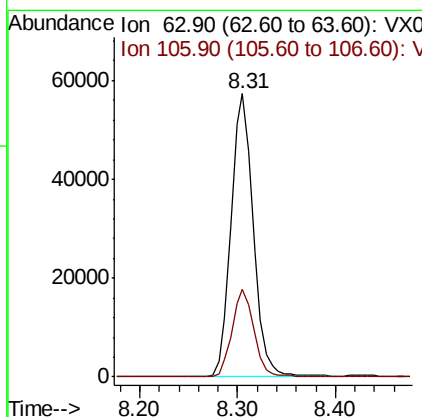
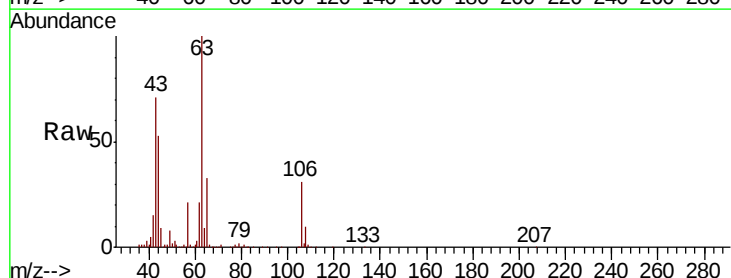
Acq: 29 Aug 2019 21:15

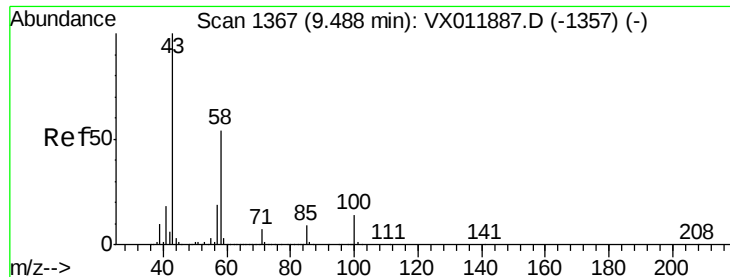
Tgt Ion: 63 Resp: 89839

Ion Ratio Lower Upper

63 100

106 31.0 24.8 37.2

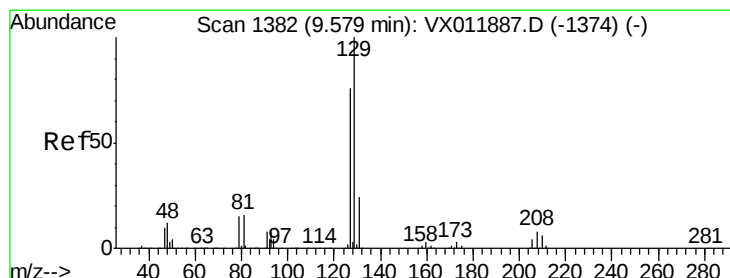
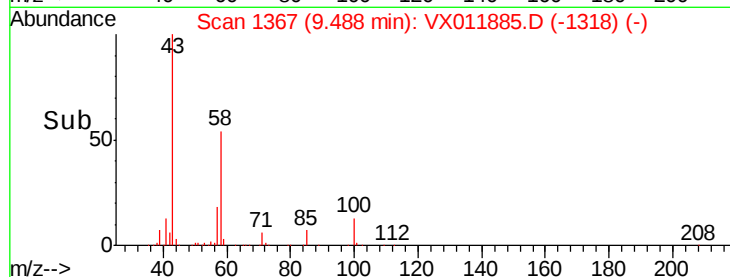
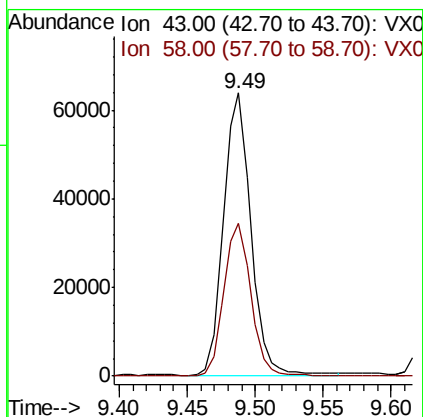
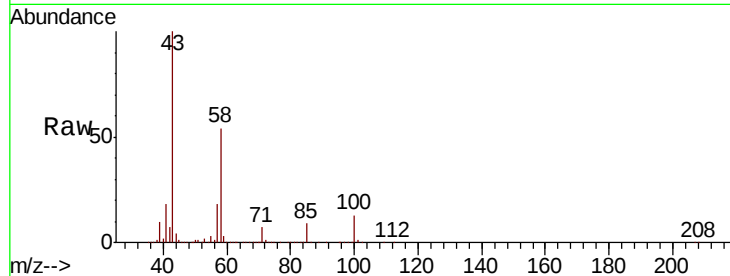




#59
2-Hexanone
Concen: 66.329 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

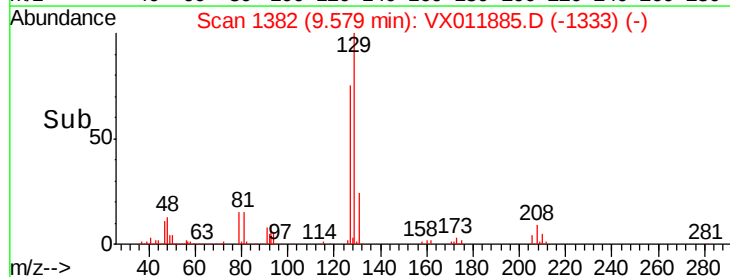
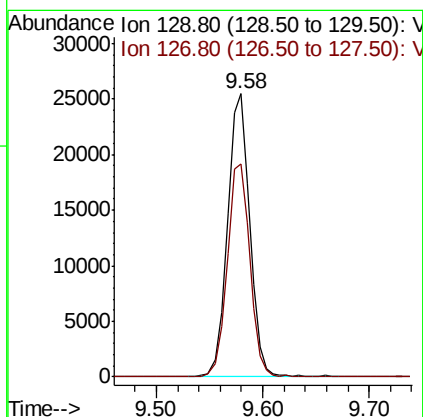
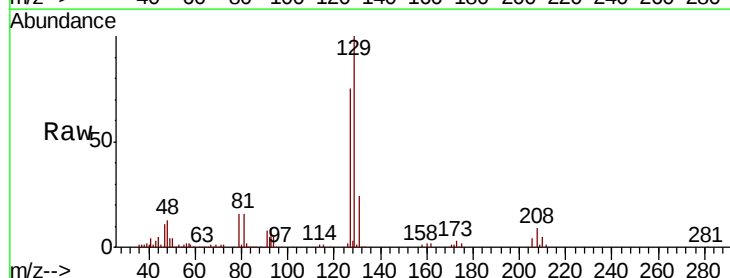
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

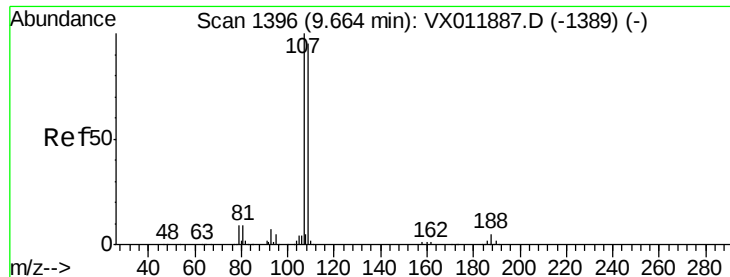
Tgt Ion: 43 Resp: 88201
Ion Ratio Lower Upper
43 100
58 54.0 26.8 80.4



#60
Dibromochloromethane
Concen: 11.583 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

Tgt Ion: 129 Resp: 37334
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.7





#61

1,2-Dibromoethane

Concen: 11.821 ug/l

RT: 9.66 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

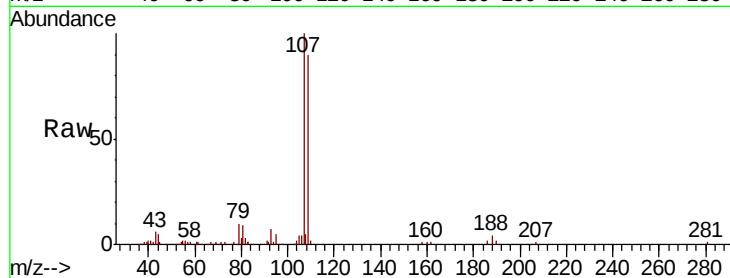
VSTDIC010

Tgt Ion: 107 Resp: 27769

Ion Ratio Lower Upper

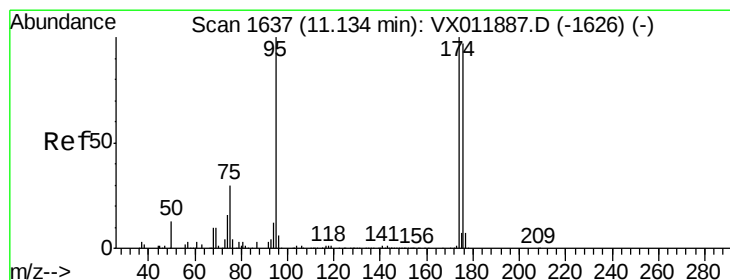
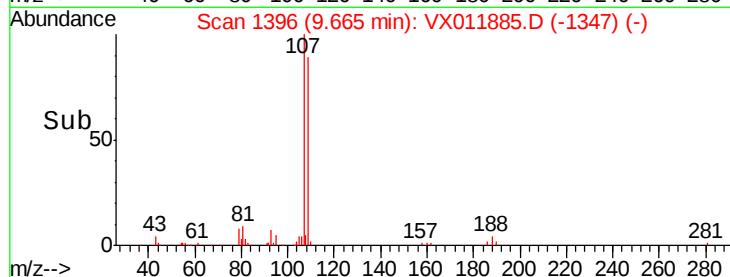
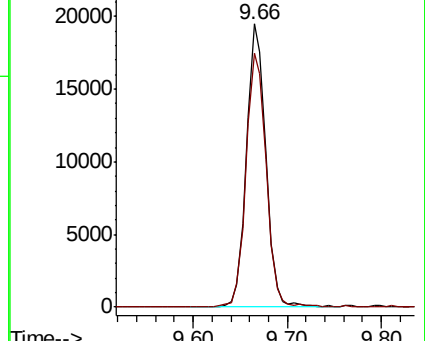
107 100

109 93.5 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: 11.439 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

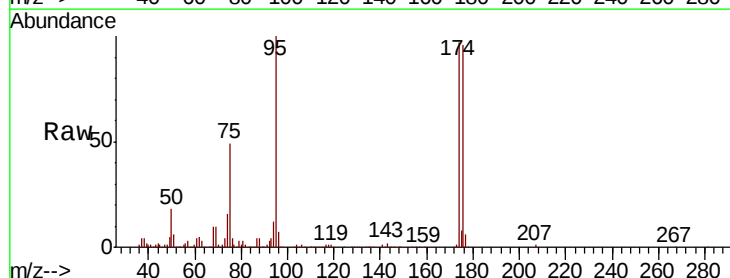
Tgt Ion: 95 Resp: 58504

Ion Ratio Lower Upper

95 100

174 94.4 0.0 196.0

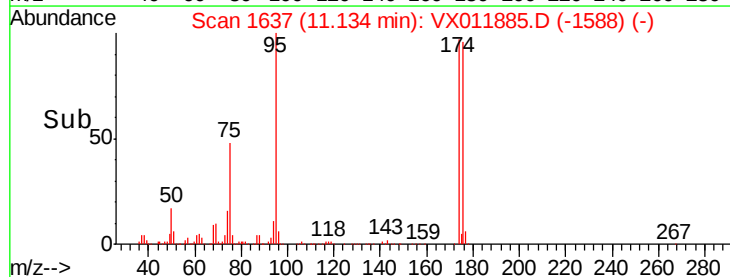
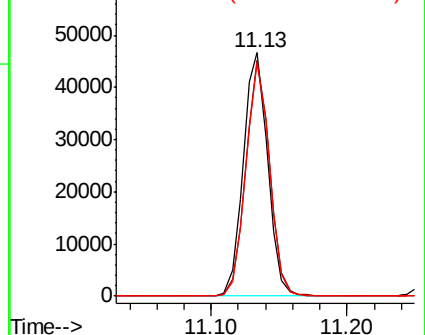
176 93.3 0.0 191.4

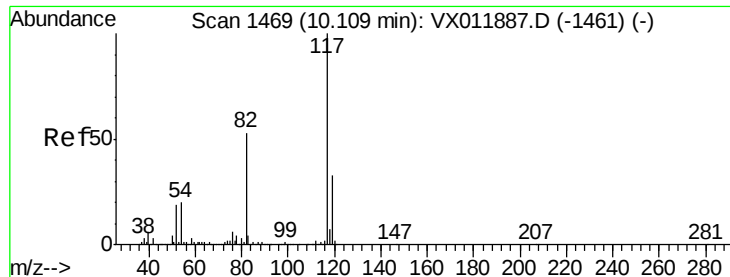


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

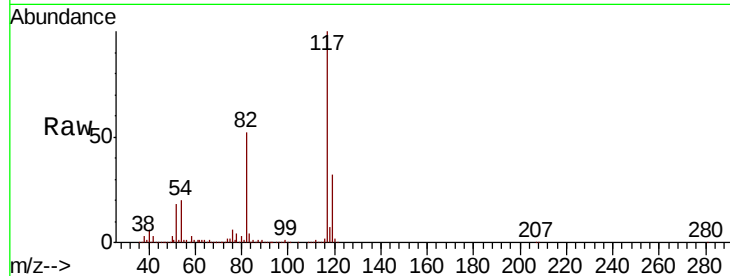




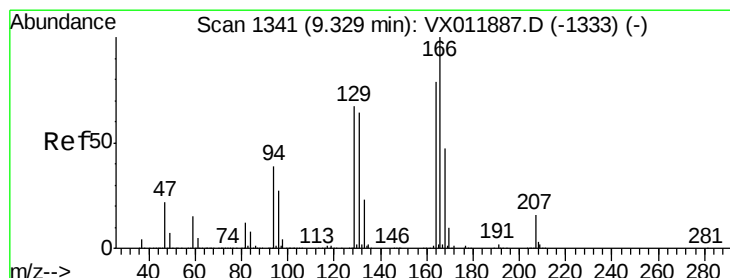
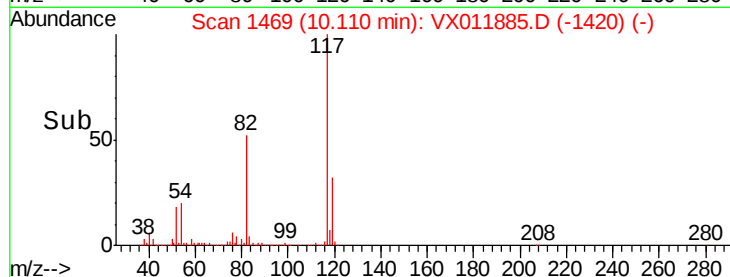
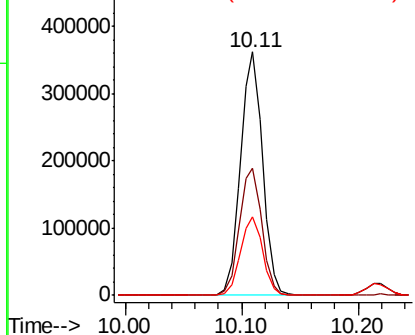
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 479003
Ion Ratio Lower Upper
117 100
82 52.1 42.0 63.0
119 32.1 26.2 39.4

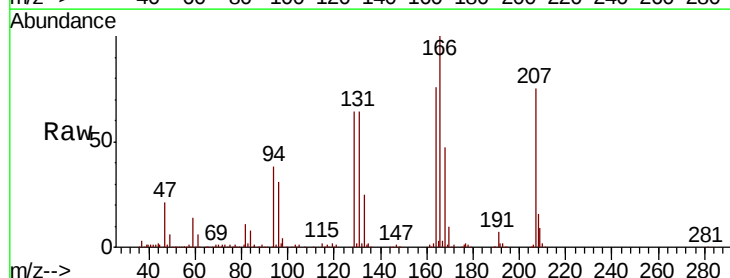


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

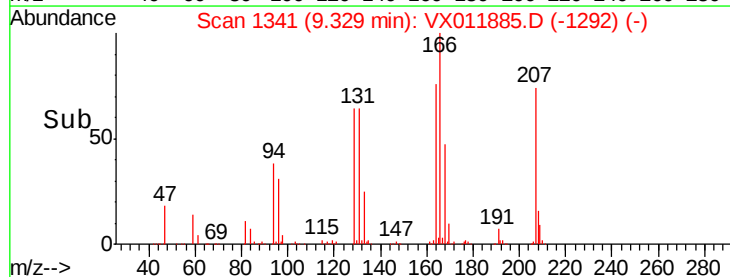
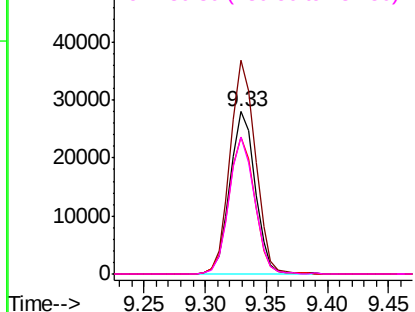


#64
Tetrachloroethene
Concen: 8.355 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

Tgt Ion:164 Resp: 39889
Ion Ratio Lower Upper
164 100
166 131.4 101.4 152.0
129 84.1 68.0 102.0
131 84.0 64.7 97.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

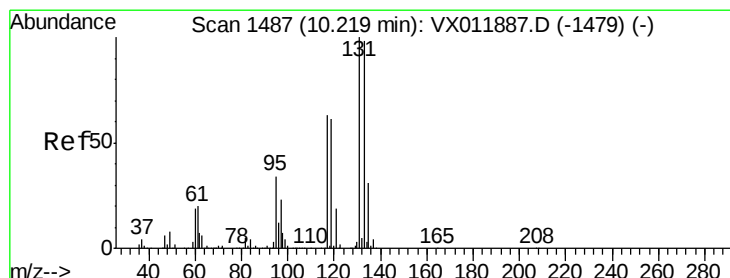
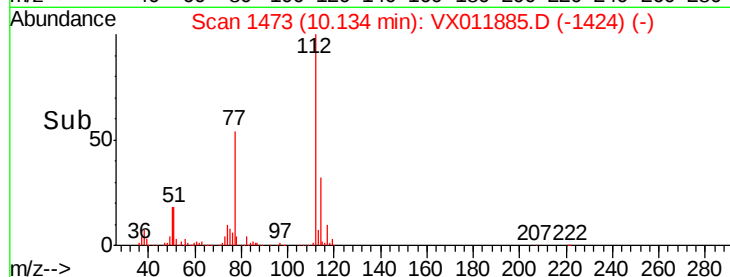
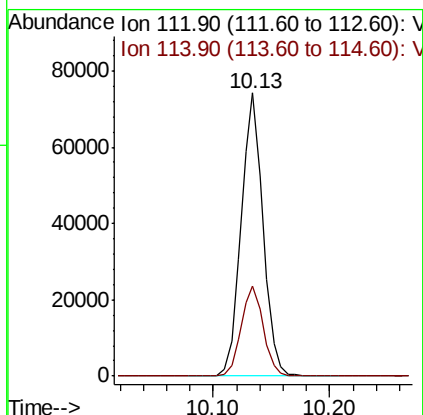
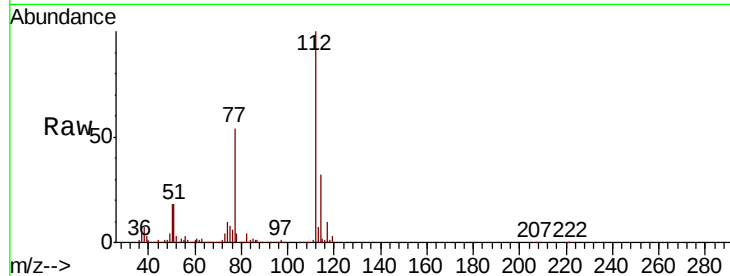




#65
Chlorobenzene
Concen: 10.744 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

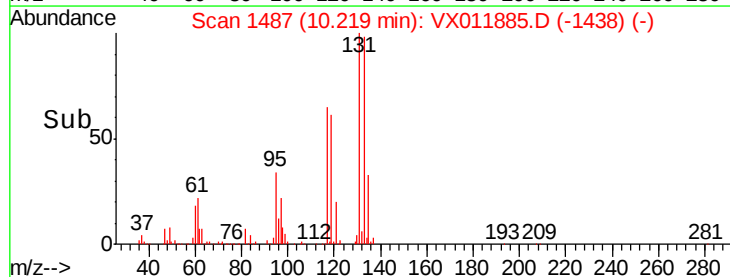
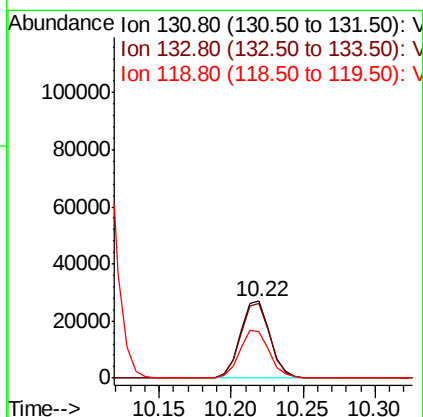
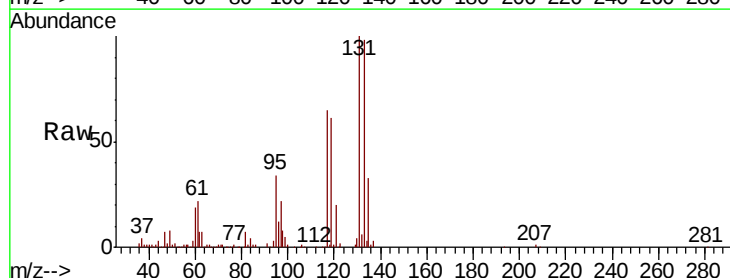
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

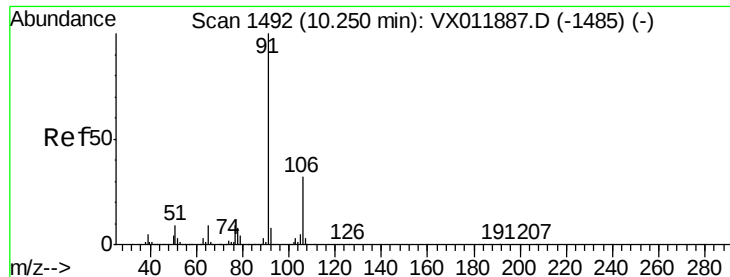
Tgt Ion:112 Resp: 97368
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 11.766 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

Tgt Ion:131 Resp: 38339
Ion Ratio Lower Upper
131 100
133 97.6 48.4 145.0
119 61.6 30.6 92.0

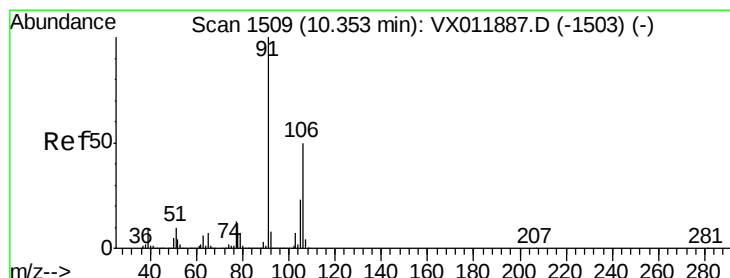
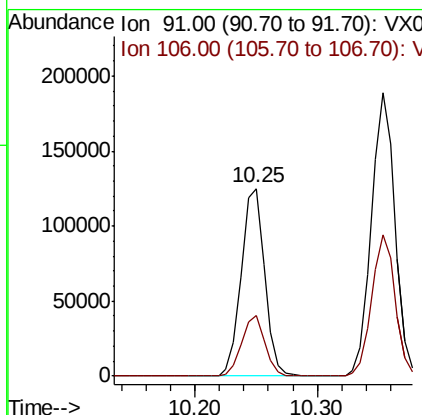
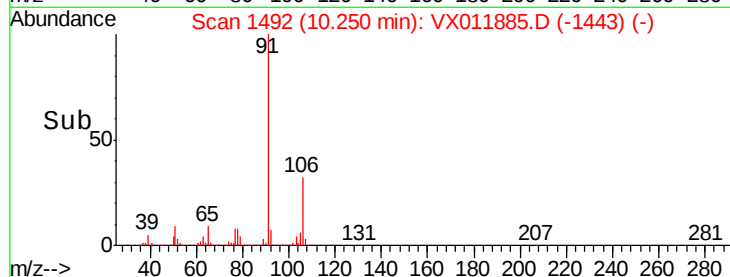
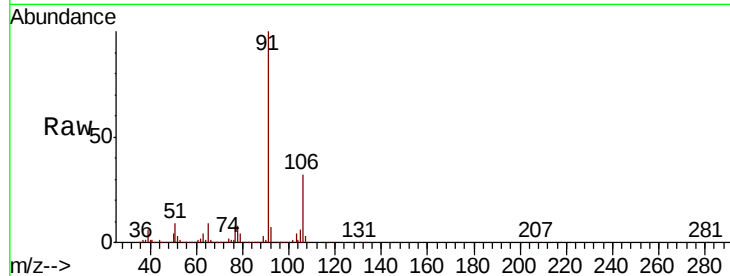




#67
Ethyl Benzene
Concen: 10.682 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

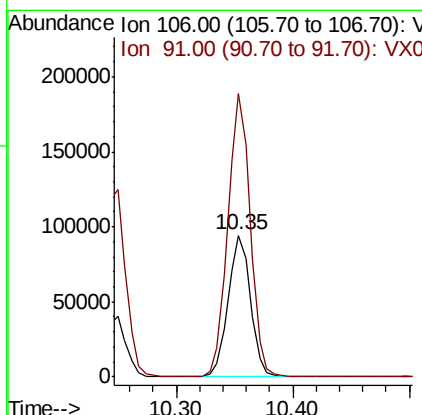
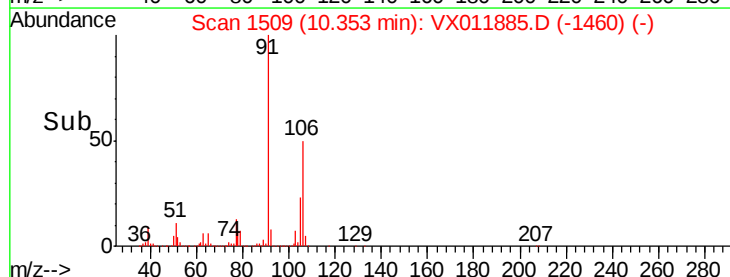
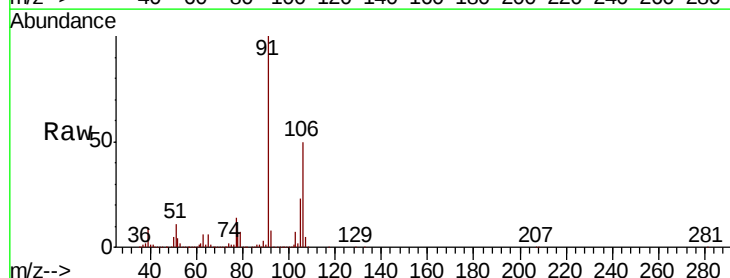
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

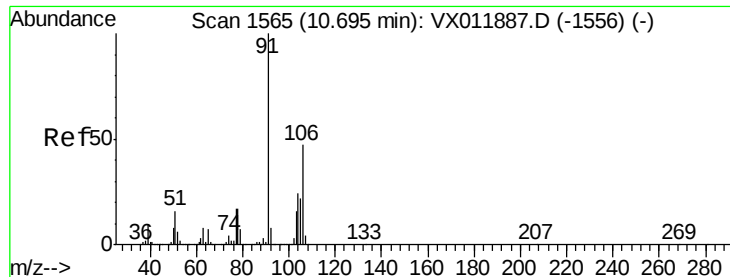
Tgt Ion: 91 Resp: 165514
Ion Ratio Lower Upper
91 100
106 32.1 25.8 38.8



#68
m/p-Xylenes
Concen: 21.057 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

Tgt Ion: 106 Resp: 126034
Ion Ratio Lower Upper
106 100
91 199.9 158.6 237.8

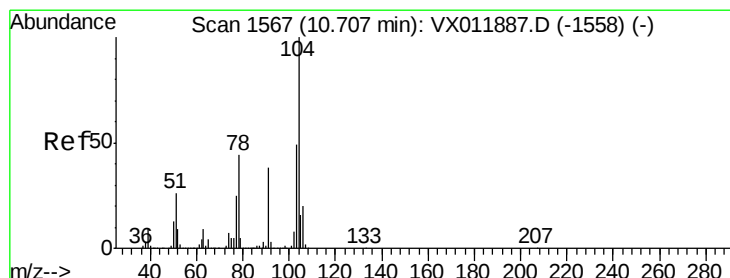
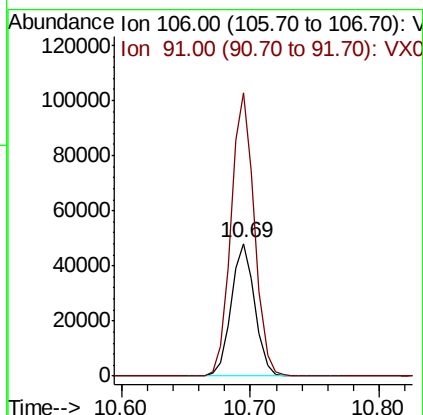
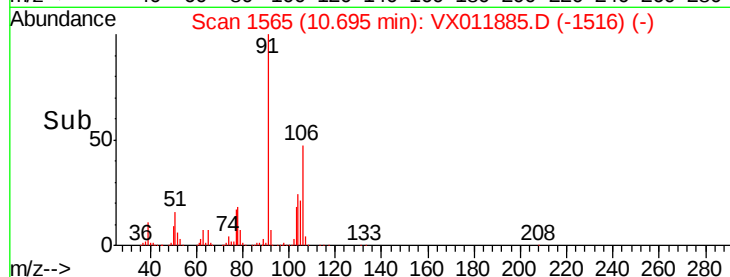
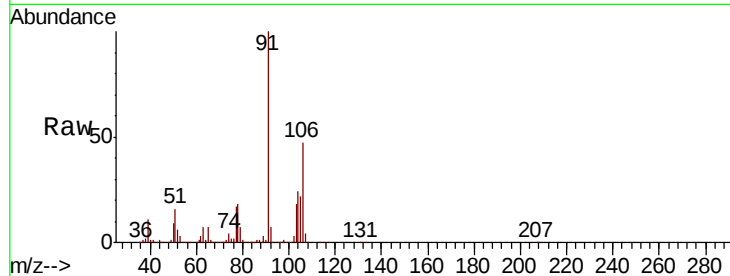




#69
o-Xylene
Concen: 10.682 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

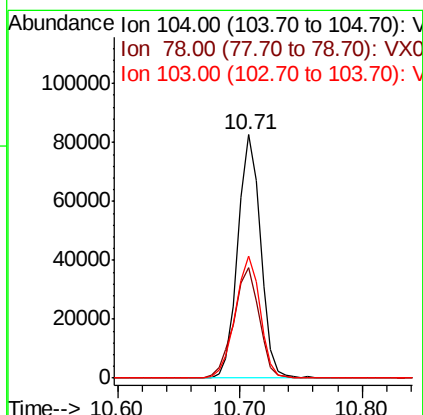
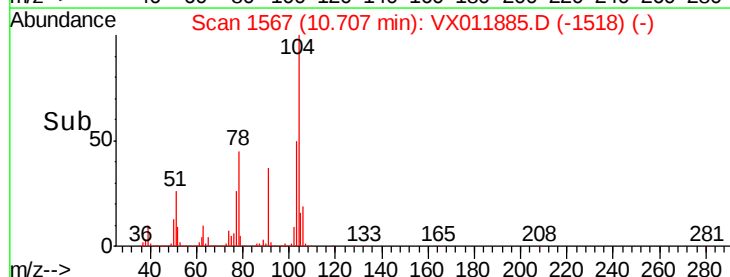
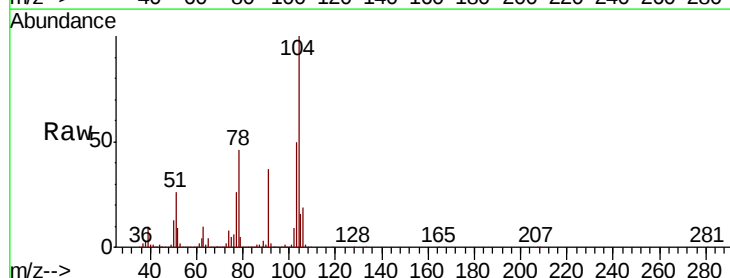
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

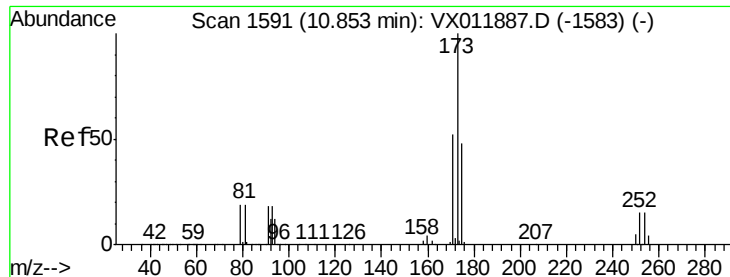
Tgt Ion:106 Resp: 61338
Ion Ratio Lower Upper
106 100
91 211.8 104.8 314.6



#70
Styrene
Concen: 11.292 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

Tgt Ion:104 Resp: 106262
Ion Ratio Lower Upper
104 100
78 50.6 39.2 58.8
103 54.9 43.0 64.6





#71

Bromoform

Concen: 11.740 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

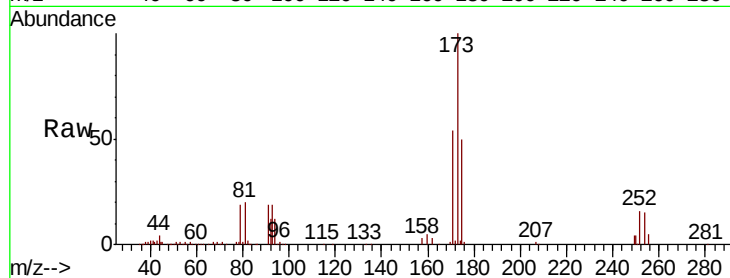
Tgt Ion:173 Resp: 25964

Ion Ratio Lower Upper

173 100

175 49.8 24.4 73.2

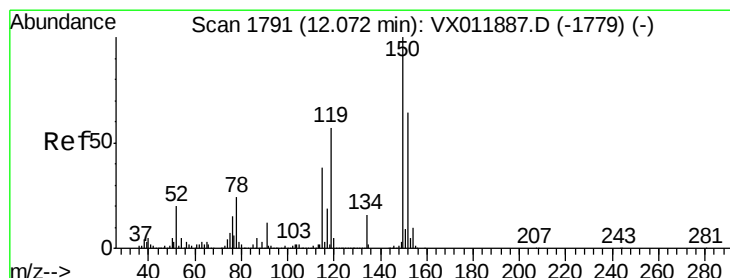
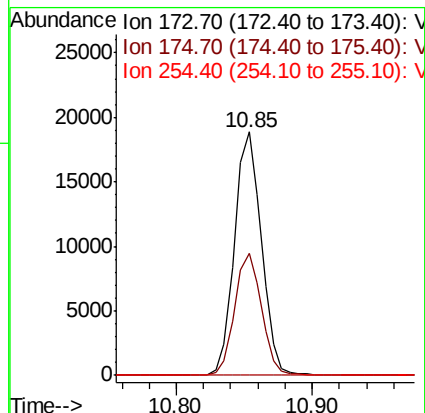
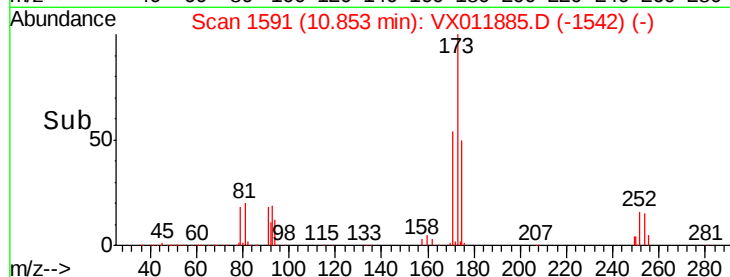
254 0.0 0.1 0.1#



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# 1791

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

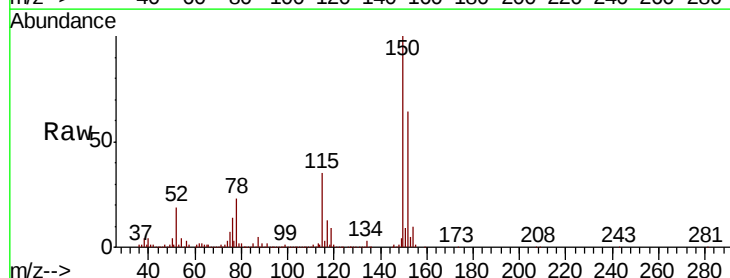
Tgt Ion:152 Resp: 276291

Ion Ratio Lower Upper

152 100

115 58.1 37.1 111.3

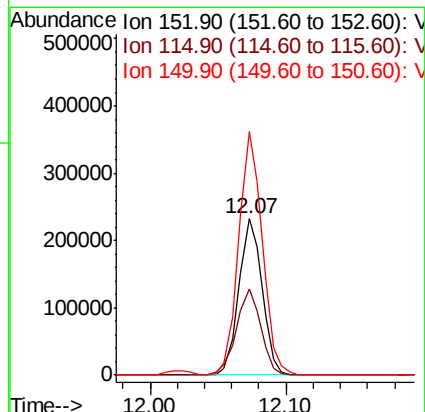
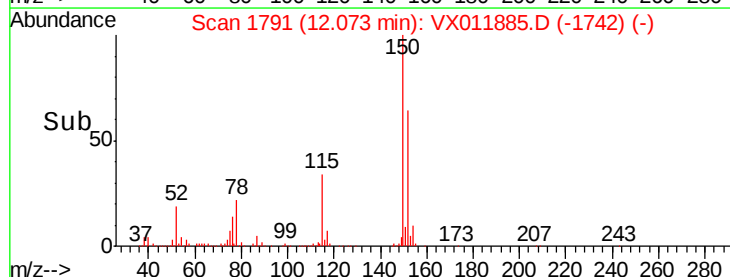
150 157.3 0.0 339.6

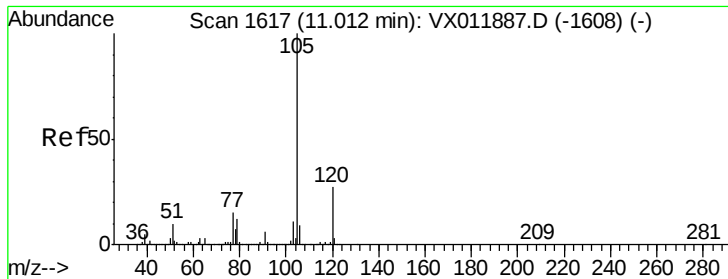


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.384 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

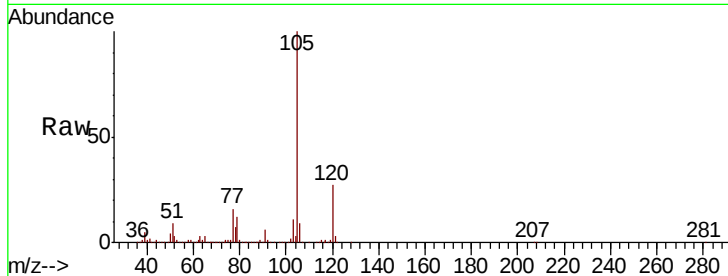
VSTDIC010

Tgt Ion: 105 Resp: 168166

Ion Ratio Lower Upper

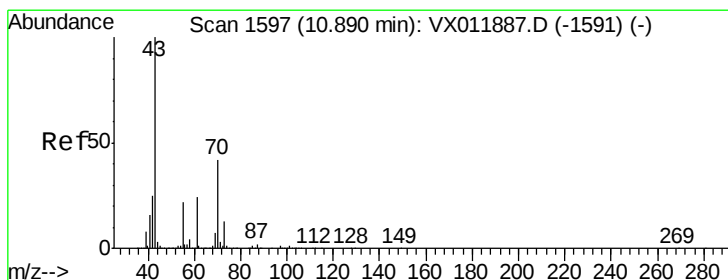
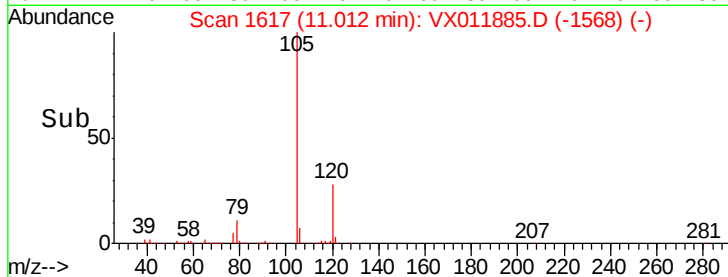
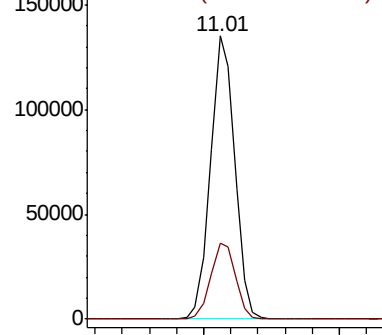
105 100

120 27.4 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: 11.954 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Tgt Ion: 43 Resp: 47581

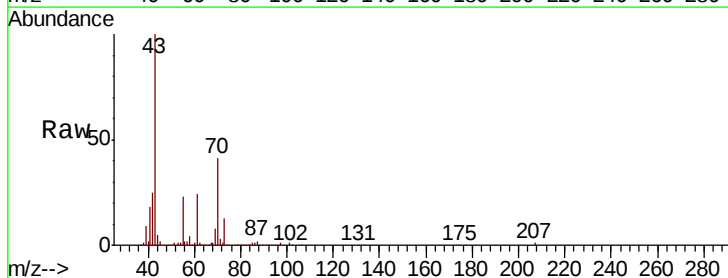
Ion Ratio Lower Upper

43 100

70 41.1 0.2 0.2#

55 23.0 0.1 0.1#

61 24.6 16.4 24.6#

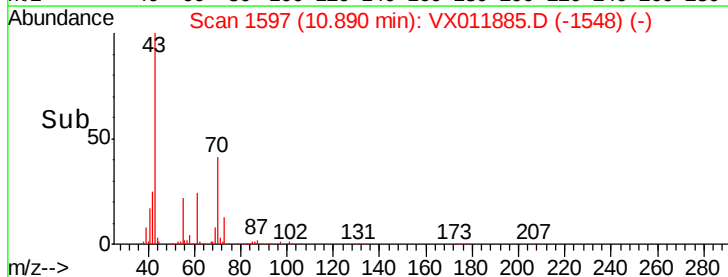
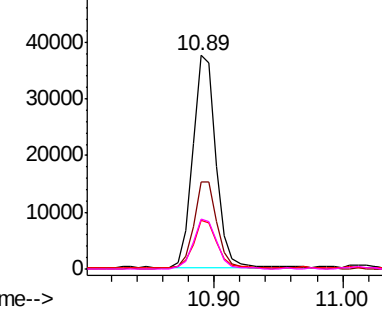


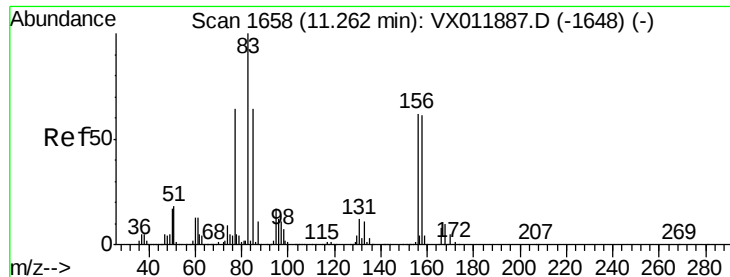
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 12.457 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

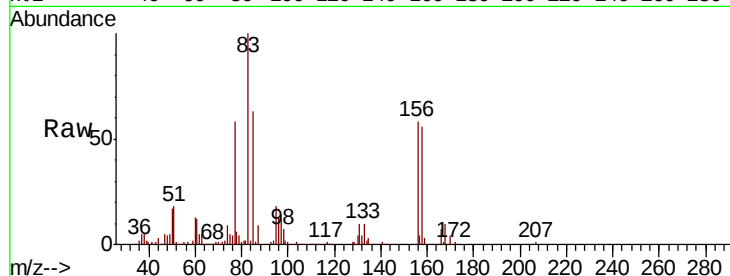
Tgt Ion: 83 Resp: 33406

Ion Ratio Lower Upper

83 100

131 11.8 6.0 18.0

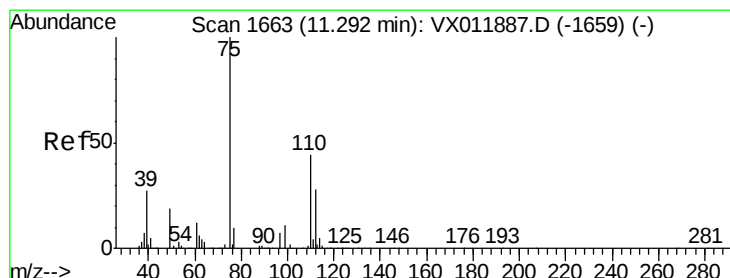
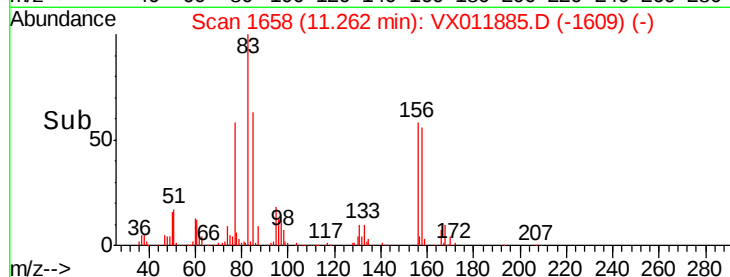
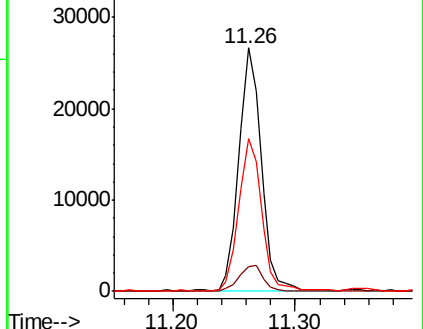
85 63.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 17.098 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011885.D

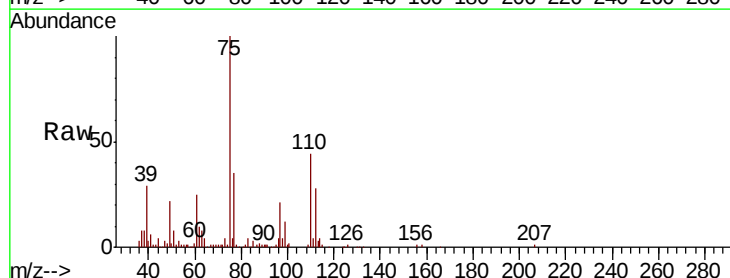
Acq: 29 Aug 2019 21:15

Tgt Ion: 75 Resp: 36315

Ion Ratio Lower Upper

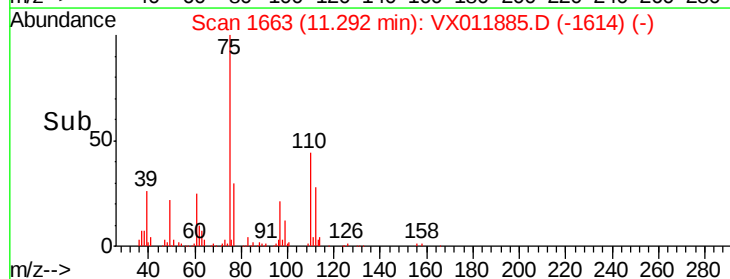
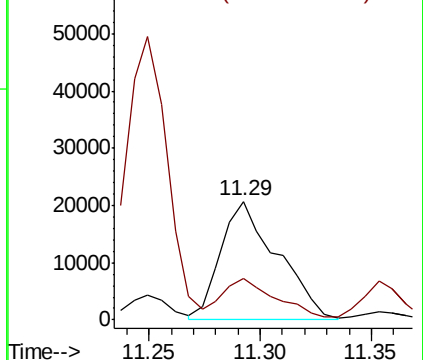
75 100

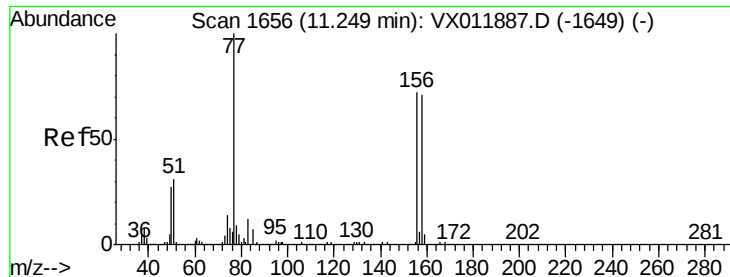
77 33.4 20.9 62.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 10.538 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

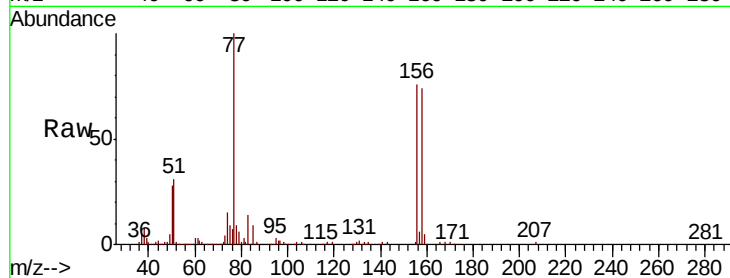
Tgt Ion:156 Resp: 47949

Ion Ratio Lower Upper

156 100

77 135.4 68.1 204.3

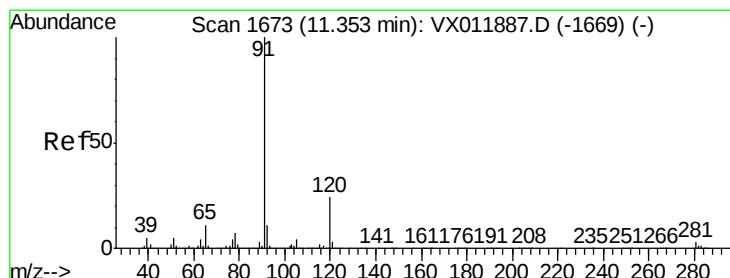
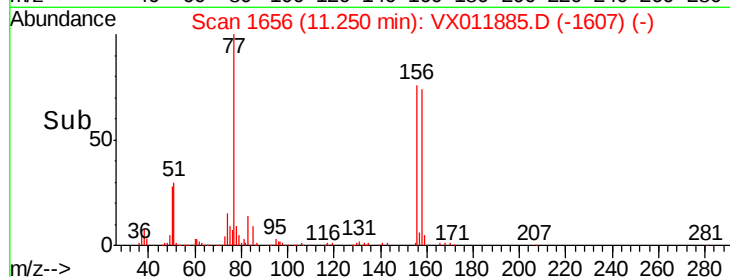
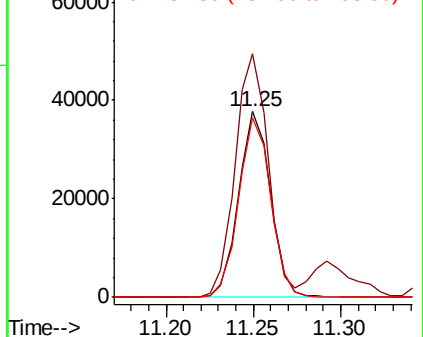
158 97.5 48.9 146.8



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: 10.494 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VX011885.D

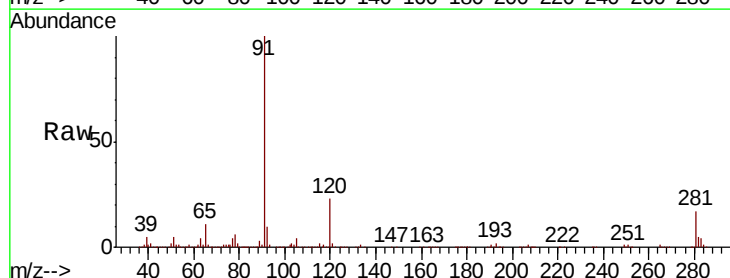
Acq: 29 Aug 2019 21:15

Tgt Ion: 91 Resp: 191522

Ion Ratio Lower Upper

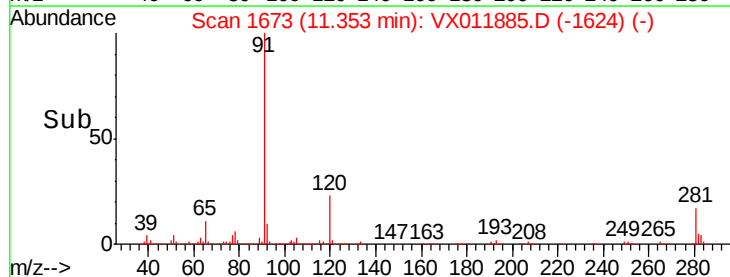
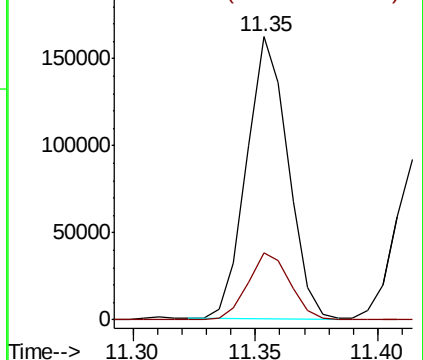
91 100

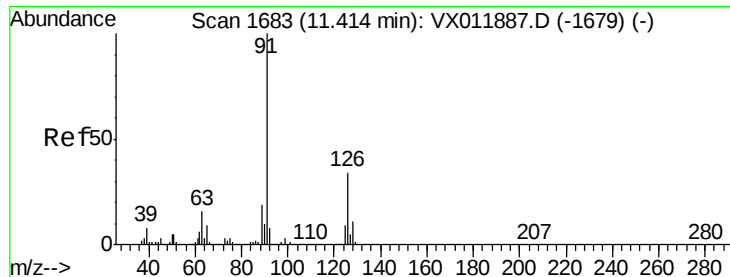
120 24.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.353 ug/l

RT: 11.41 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

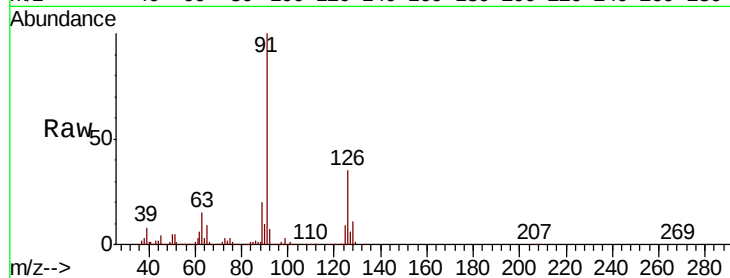
VSTDIC010

Tgt Ion: 91 Resp: 114062

Ion Ratio Lower Upper

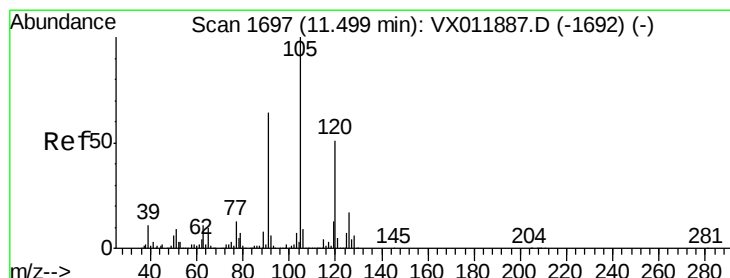
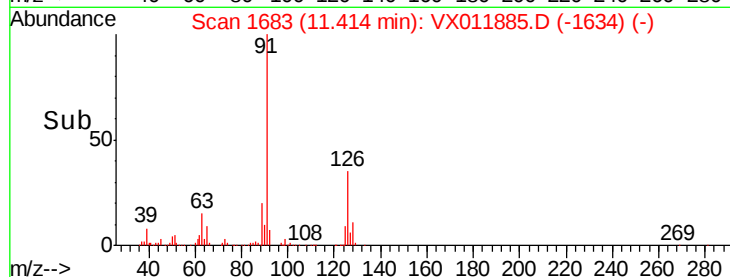
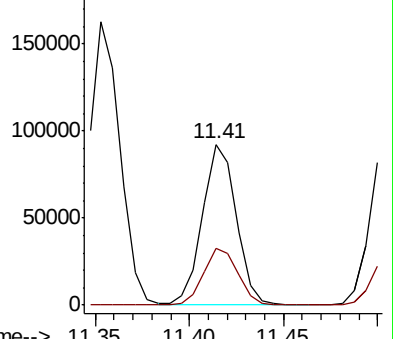
91 100

126 36.3 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 10.512 ug/l

RT: 11.50 min Scan# 1697

Delta R.T. 0.00 min

Lab File: VX011885.D

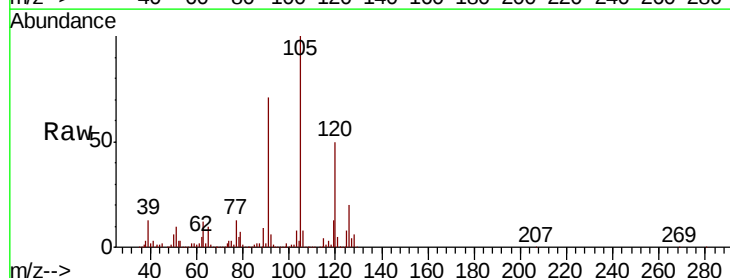
Acq: 29 Aug 2019 21:15

Tgt Ion: 105 Resp: 143577

Ion Ratio Lower Upper

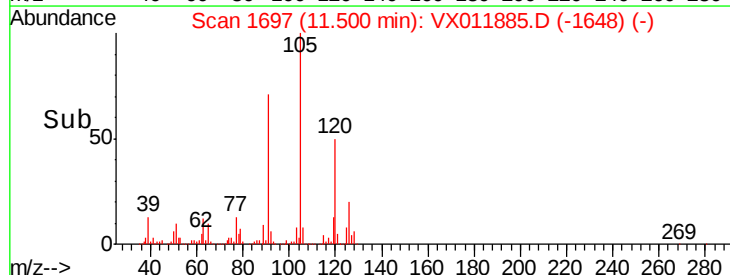
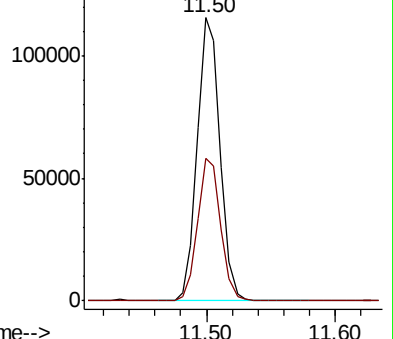
105 100

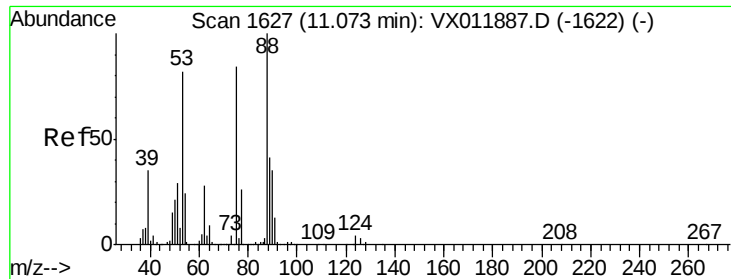
120 50.8 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

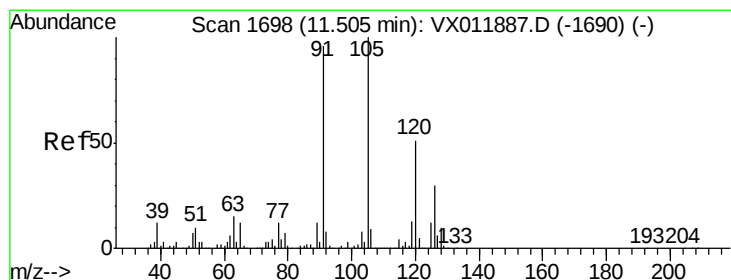
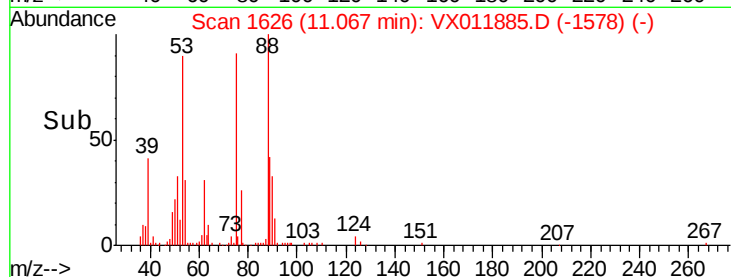
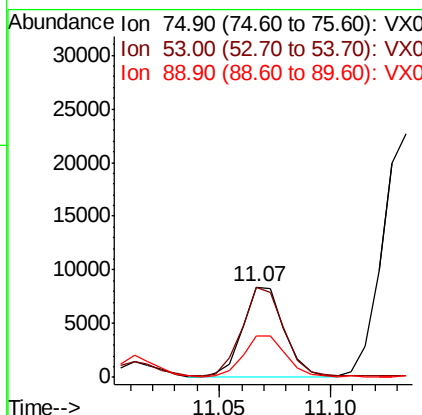
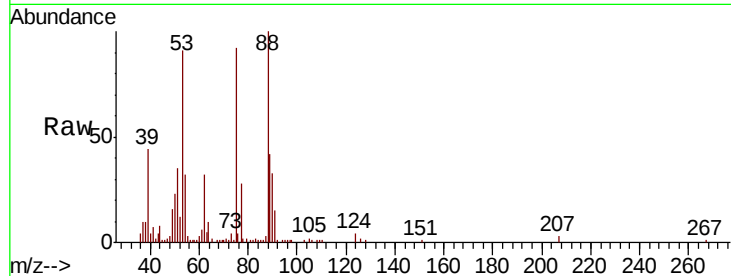




#81
trans-1,4-Dichloro-2-butene
Concen: 18.632 ug/l
RT: 11.07 min Scan# 1626
Delta R.T. -0.01 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

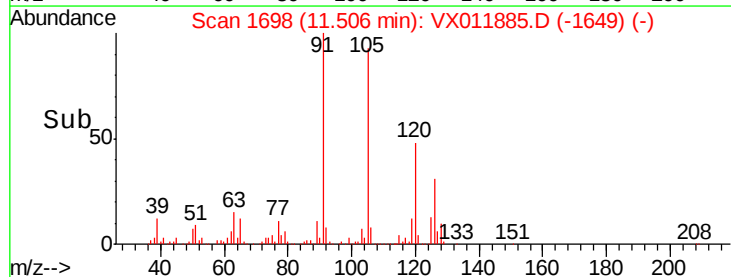
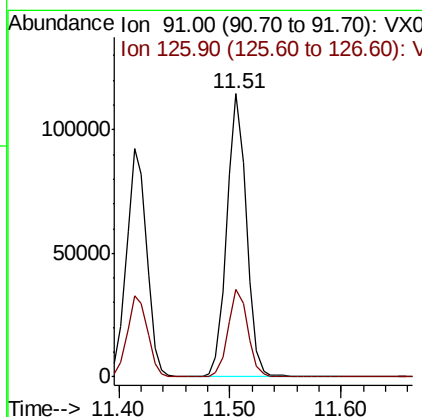
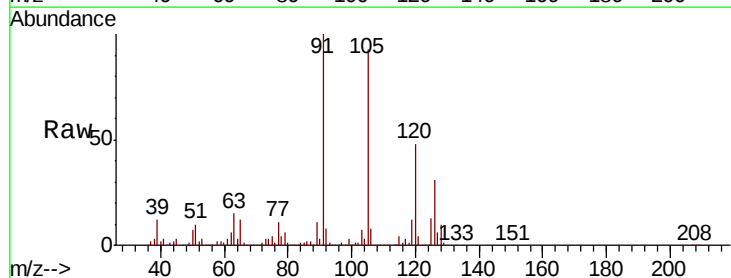
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC010

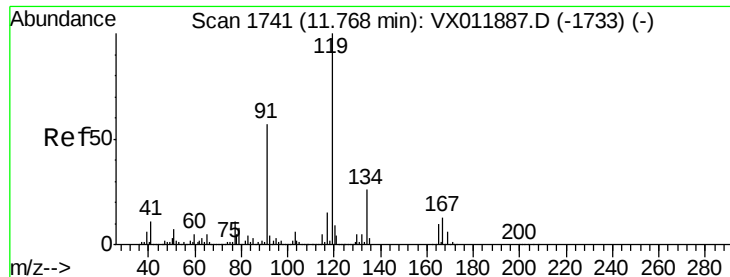
Tgt Ion: 75 Resp: 10889
Ion Ratio Lower Upper
75 100
53 98.1 77.1 115.7
89 48.5 38.2 57.2



#82
4-Chlorotoluene
Concen: 10.584 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011885.D
Acq: 29 Aug 2019 21:15

Tgt Ion: 91 Resp: 138908
Ion Ratio Lower Upper
91 100
126 31.2 15.9 47.6

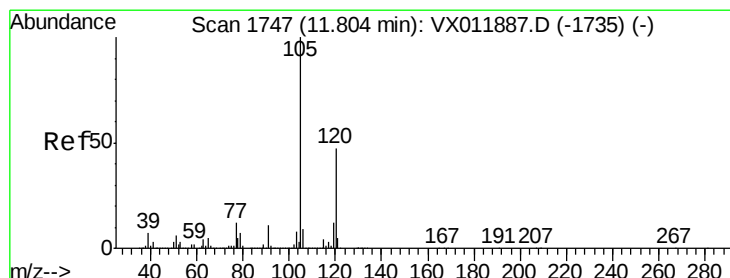
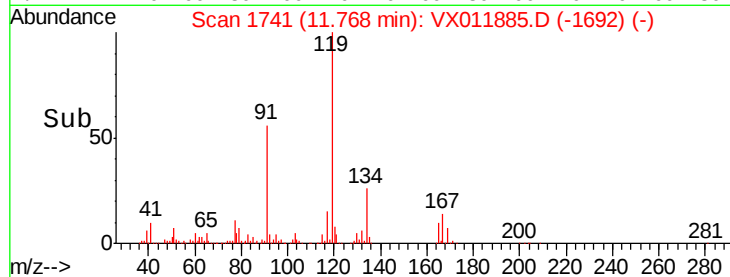
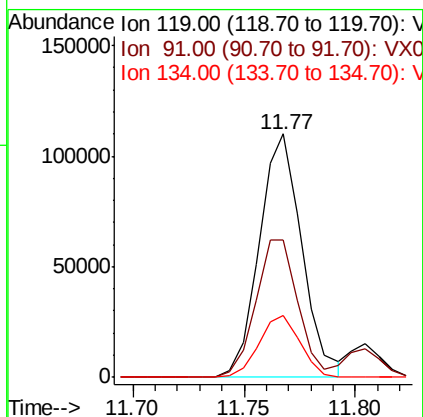
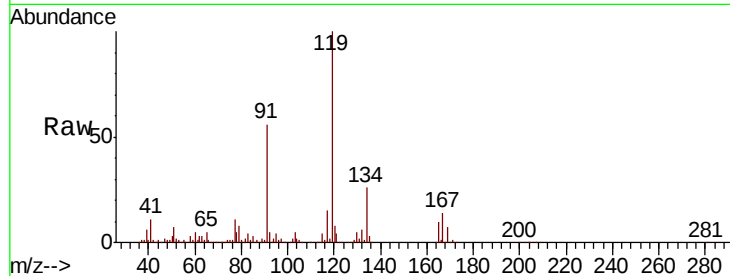




#83
 tert-Butylbenzene
 Concen: 11.035 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

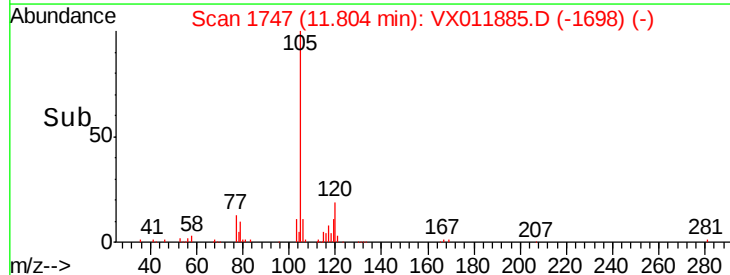
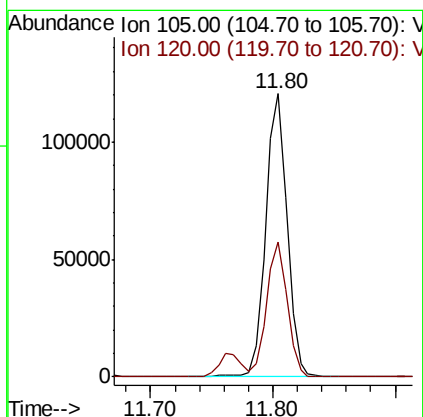
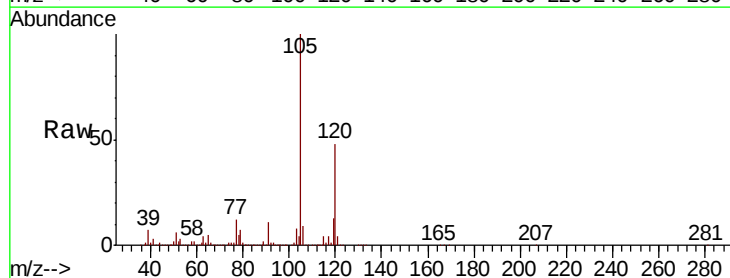
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

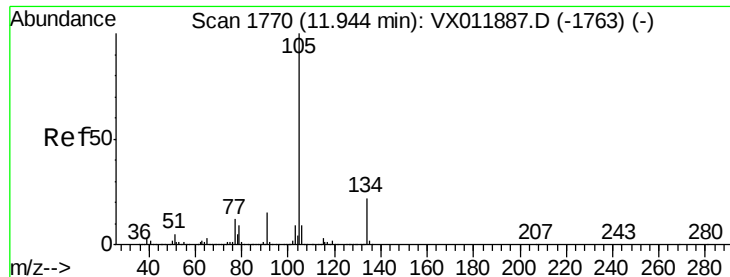
Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.7	27.9	83.6
134	24.6	12.3	36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 10.803 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	23.4	70.3





#85

sec-Butylbenzene

Concen: 10.802 ug/l

RT: 11.94 min Scan# 1769

Delta R.T. -0.01 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

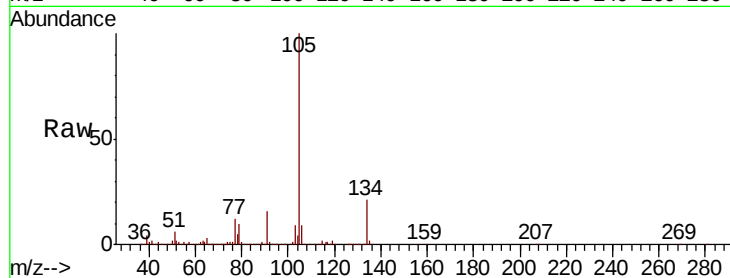
VSTDIC010

Tgt Ion:105 Resp: 172036

Ion Ratio Lower Upper

105 100

134 21.7 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

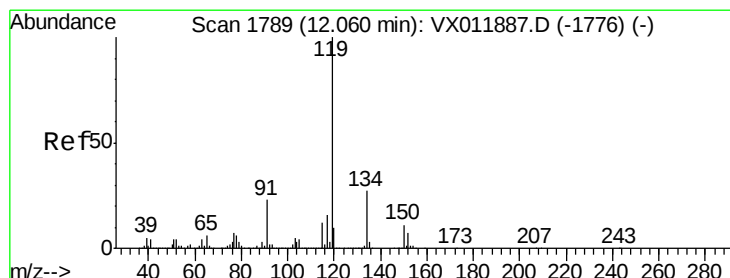
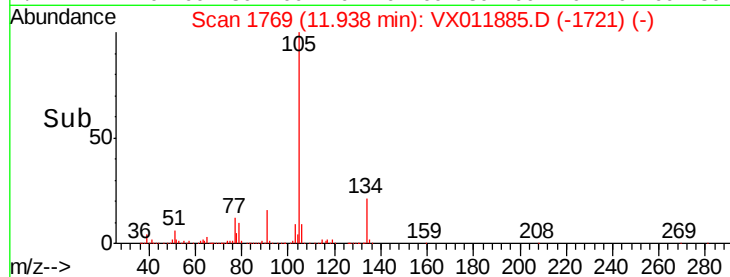
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 11.099 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

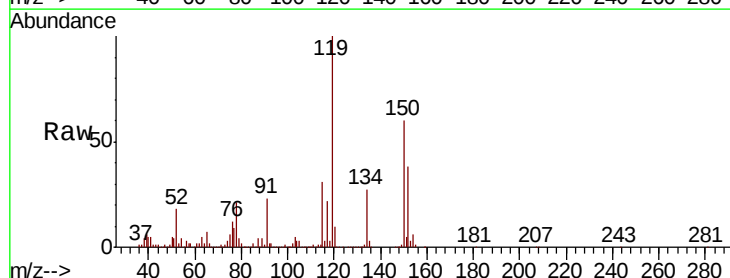
Tgt Ion:119 Resp: 164887

Ion Ratio Lower Upper

119 100

134 27.5 13.7 41.0

91 23.4 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

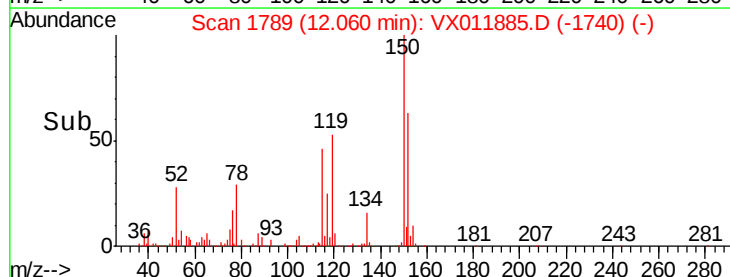
150000

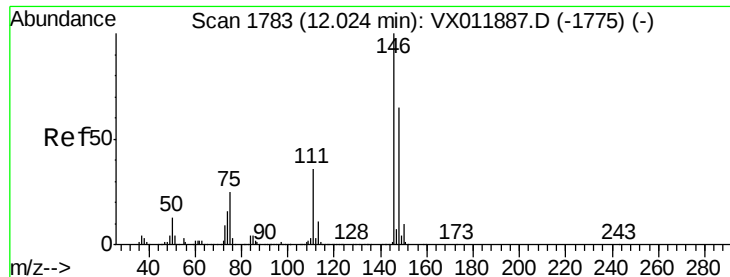
100000

50000

0

Time-->

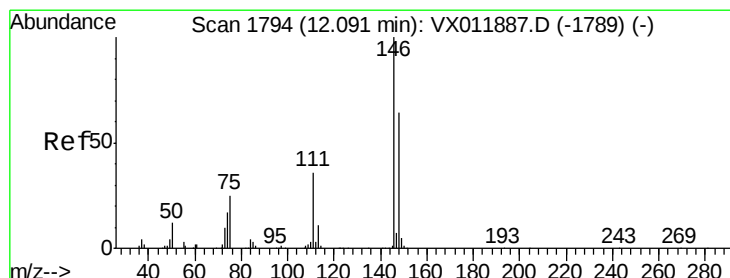
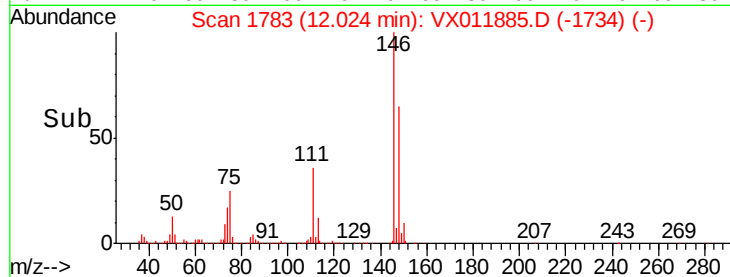
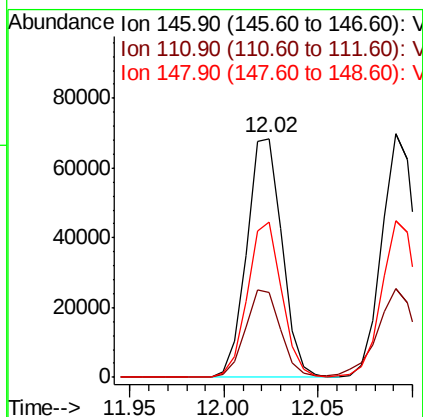
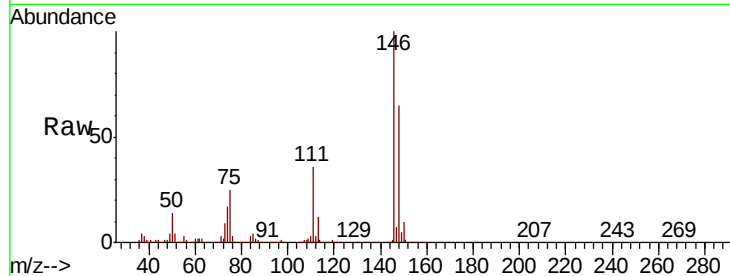




#87
 1,3-Dichlorobenzene
 Concen: 10.535 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

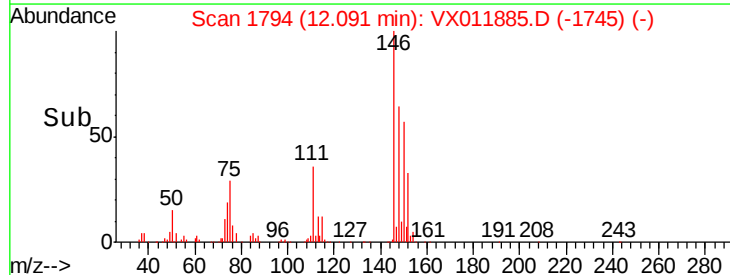
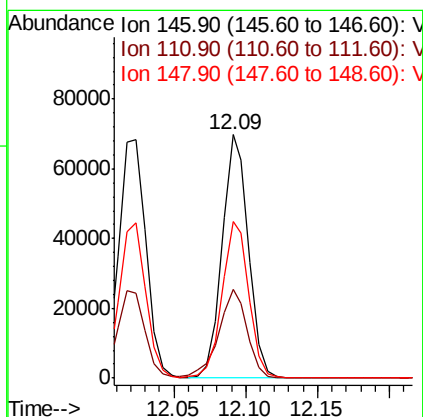
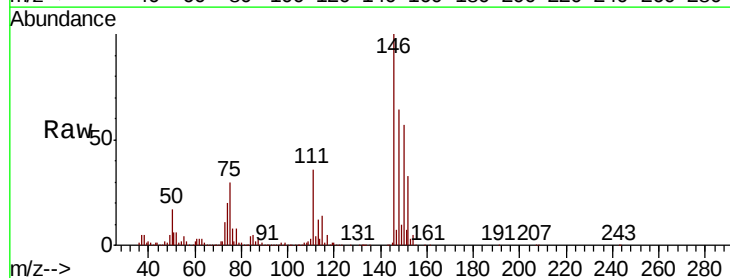
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

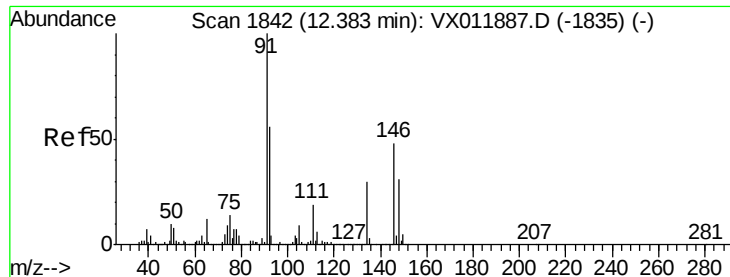
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.4	55.2
148	63.0	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 10.586 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	17.9	53.7
148	65.9	32.4	97.0





#89

n-Butylbenzene

Concen: 11.213 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

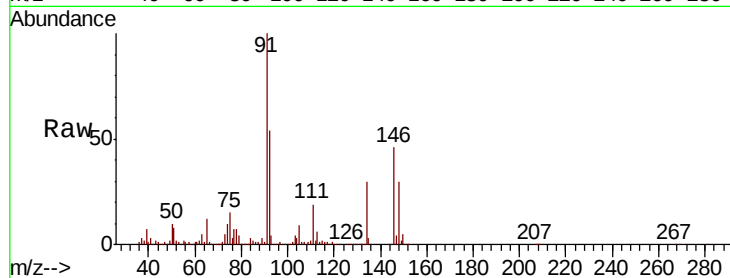
Tgt Ion: 91 Resp: 146555

Ion Ratio Lower Upper

91 100

92 54.9 27.6 82.8

134 30.0 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX011885.D

Ion 92.00 (91.70 to 92.70): VX011885.D

Ion 134.00 (133.70 to 134.70): VX011885.D

12.38

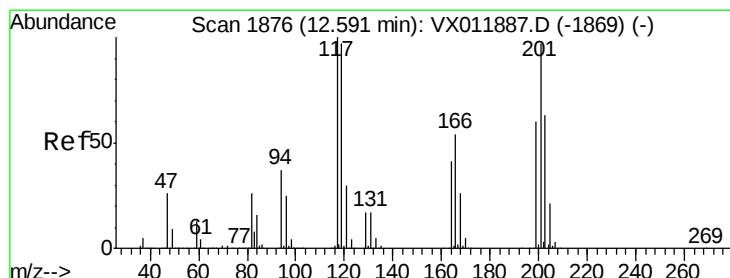
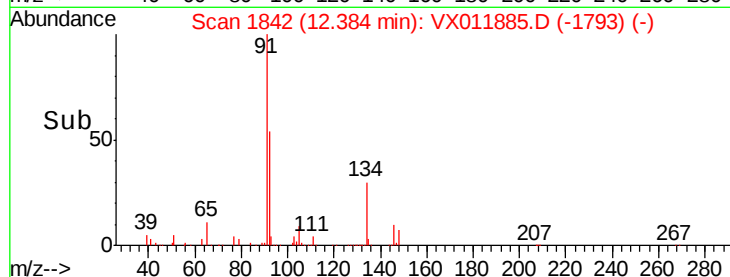
150000

100000

50000

0

Time-->



#90

Hexachloroethane

Concen: 15.710 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VX011885.D

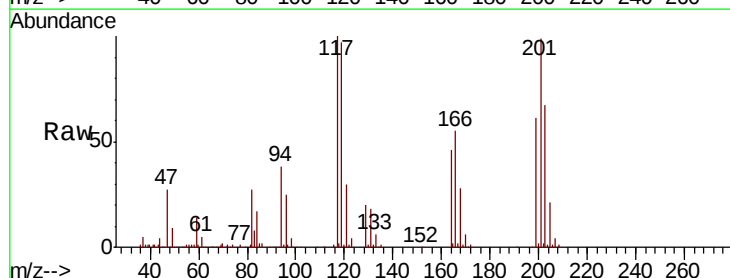
Acq: 29 Aug 2019 21:15

Tgt Ion: 117 Resp: 32084

Ion Ratio Lower Upper

117 100

201 102.1 52.8 158.5



Abundance Ion 116.80 (116.50 to 117.50): VX011885.D

Ion 200.70 (200.40 to 201.40): VX011885.D

30000

25000

20000

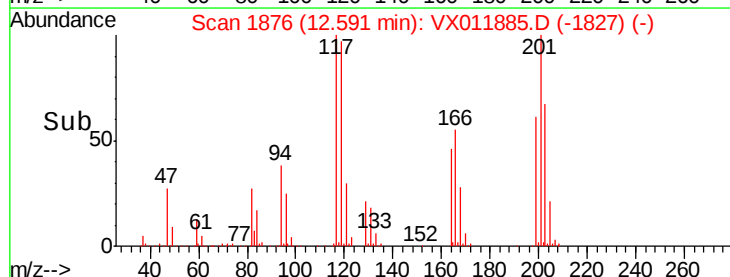
15000

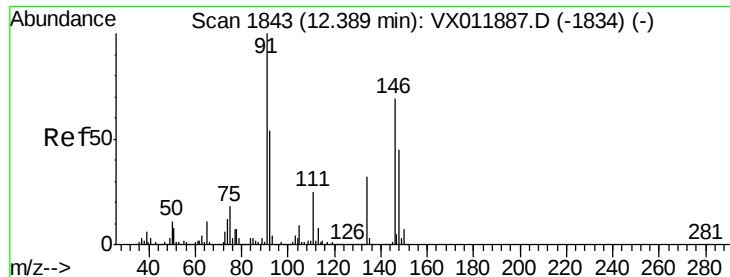
10000

5000

0

Time-->





#91

1,2-Dichlorobenzene

Concen: 10.579 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

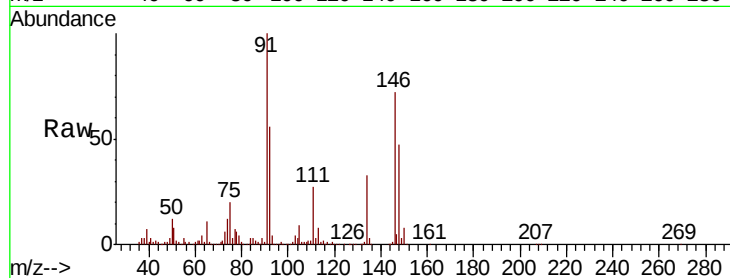
Tgt Ion:146 Resp: 81425

Ion Ratio Lower Upper

146 100

111 38.9 18.9 56.5

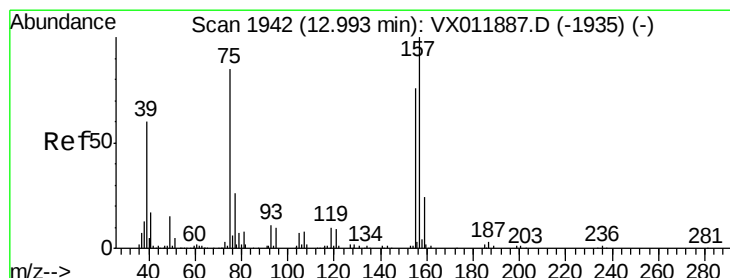
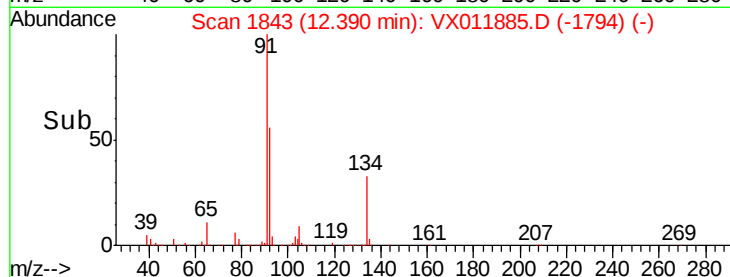
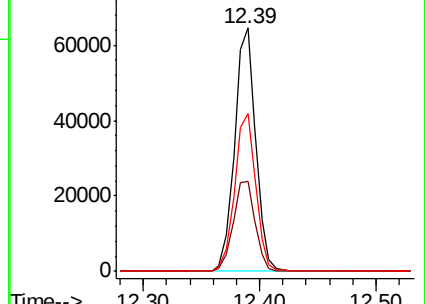
148 64.9 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.560 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

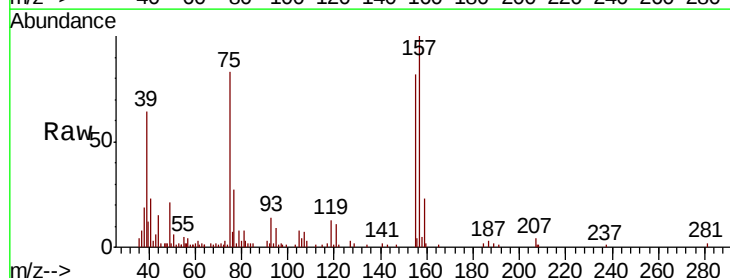
Tgt Ion: 75 Resp: 6540

Ion Ratio Lower Upper

75 100

155 100.9 50.1 150.4

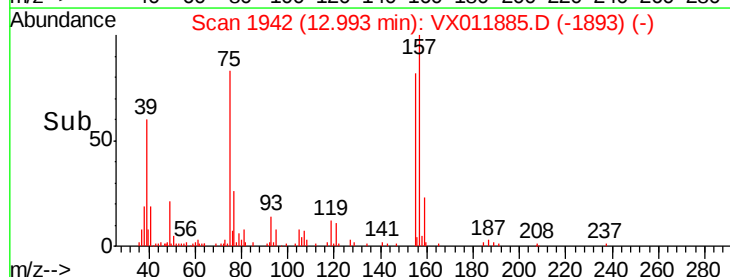
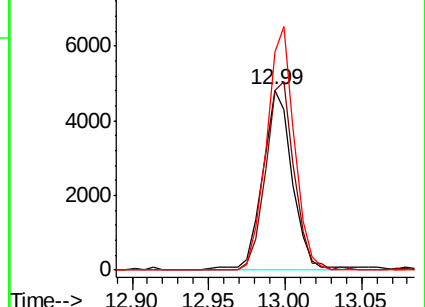
157 125.4 63.9 191.7

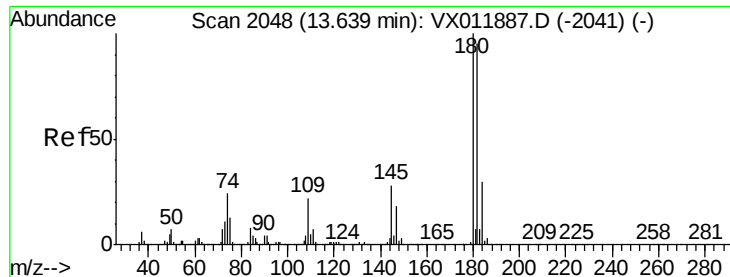


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

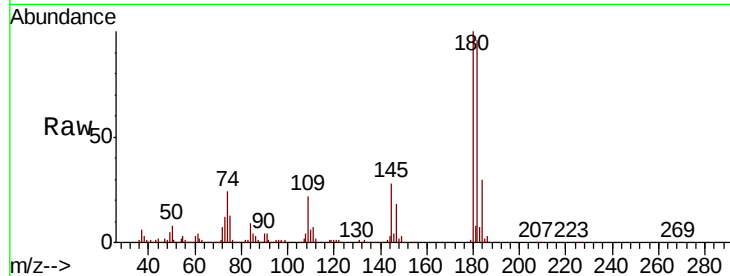




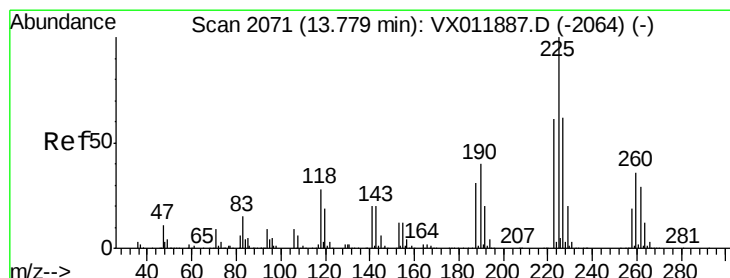
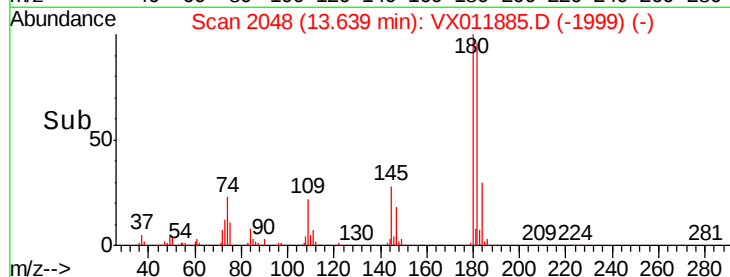
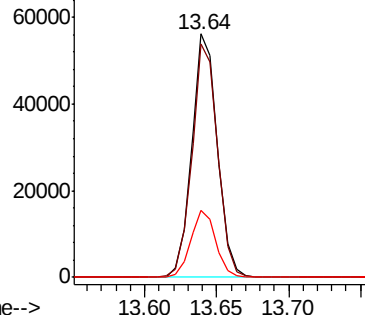
#93
 1,2,4-Trichlorobenzene
 Concen: 11.331 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC010

Tgt Ion:180 Resp: 69993
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.1 144.4
 145 27.1 13.8 41.3

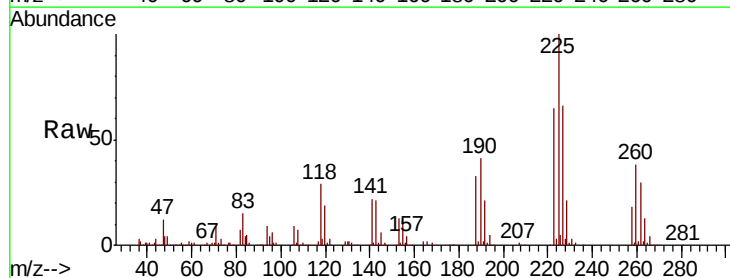


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

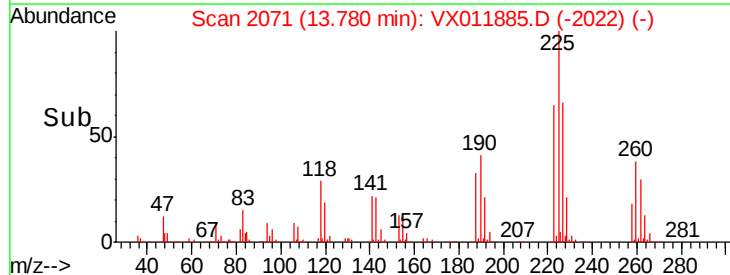
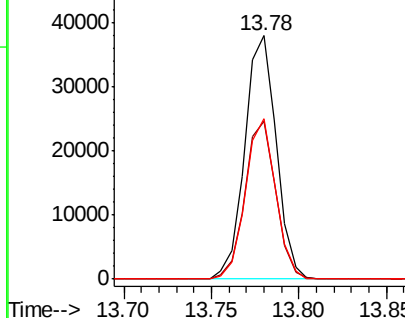


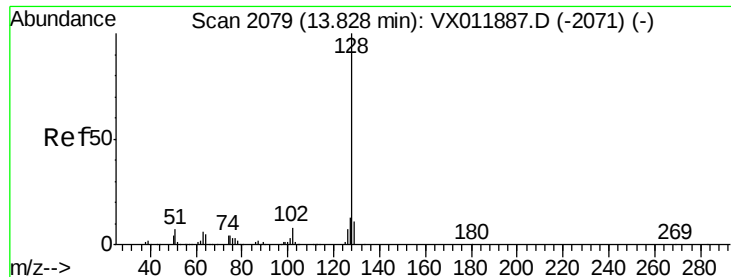
#94
 Hexachlorobutadiene
 Concen: 11.662 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011885.D
 Acq: 29 Aug 2019 21:15

Tgt Ion:225 Resp: 47463
 Ion Ratio Lower Upper
 225 100
 223 63.5 30.8 92.3
 227 63.1 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 12.609 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC010

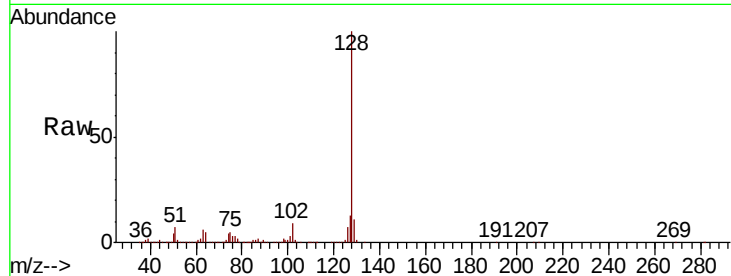
Tgt Ion:128 Resp: 115382

Ion Ratio Lower Upper

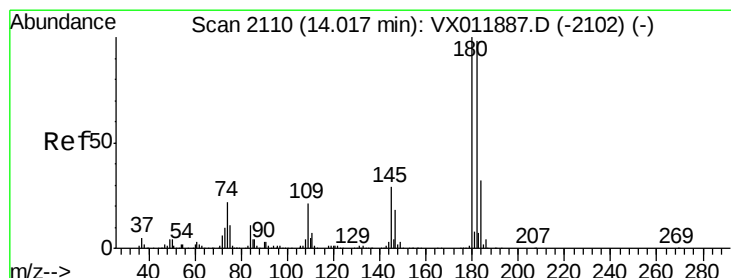
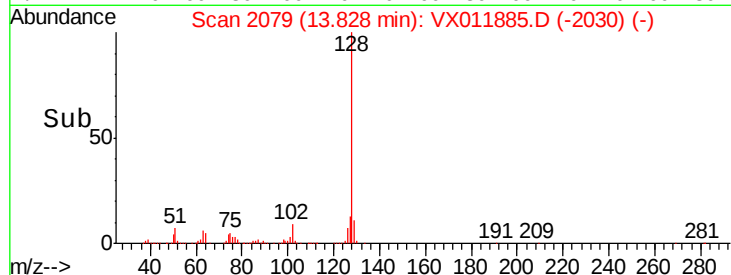
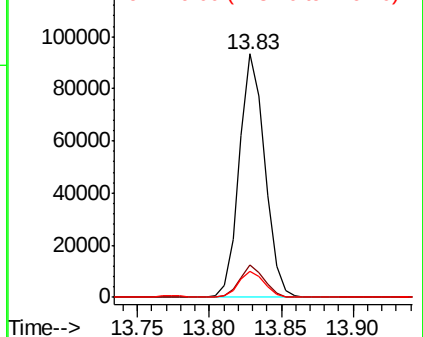
128 100

127 13.0 10.4 15.6

129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 11.660 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011885.D

Acq: 29 Aug 2019 21:15

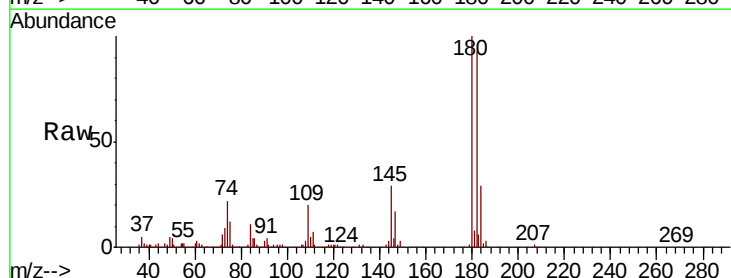
Tgt Ion:180 Resp: 62967

Ion Ratio Lower Upper

180 100

182 96.6 48.3 144.8

145 29.1 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

