

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
 Data File : VX012271.D
 Acq On : 10 Sep 2019 23:23
 Operator : SY/SP
 Sample : VX0910SBSD03
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD03

Quant Time: Sep 11 02:28:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	137971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	247475	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	113570	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	97983	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
35) Dibromofluoromethane	5.48	113	75174	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
50) Toluene-d8	8.71	98	285737	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.13	95	121503	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	23959	21.240	ug/l	98
3) Chloromethane	1.31	50	21695	21.337	ug/l	100
4) Vinyl Chloride	1.40	62	22118	21.938	ug/l	99
5) Bromomethane	1.62	94	10276	22.610	ug/l	97
6) Chloroethane	1.70	64	14753	21.884	ug/l	98
7) Trichlorofluoromethane	1.91	101	38464	21.080	ug/l	97
8) Diethyl Ether	2.17	74	13791	22.150	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	26430	21.492	ug/l	99
10) Methyl Iodide	2.50	142	20502	17.517	ug/l	99
11) Tert butyl alcohol	3.03	59	31605	148.849	ug/l #	95
12) 1,1-Dichloroethene	2.36	96	23017	22.047	ug/l	95
13) Acrolein	2.28	56	9360	91.793	ug/l	98
14) Allyl chloride	2.71	41	44233	20.781	ug/l	100
15) Acrylonitrile	3.13	53	42720	110.998	ug/l	99
16) Acetone	2.44	43	40369	87.422	ug/l	99
17) Carbon Disulfide	2.55	76	46248	21.095	ug/l	99
18) Methyl Acetate	2.76	43	22756	23.446	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	89504	21.709	ug/l	97
20) Methylene Chloride	2.84	84	33732	21.935	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	26712	21.445	ug/l	97
22) Diisopropyl ether	3.84	45	104554	21.478	ug/l #	89
23) Vinyl Acetate	3.80	43	310409	103.932	ug/l	99
24) 1,1-Dichloroethane	3.68	63	57194	21.935	ug/l	100
25) 2-Butanone	4.66	43	61762	104.626	ug/l	94
26) 2,2-Dichloropropane	4.56	77	43925	17.943	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	34574	21.500	ug/l	98
28) Bromochloromethane	5.00	49	23180	18.955	ug/l	98
29) Tetrahydrofuran	5.12	42	35704	112.101	ug/l	98
30) Chloroform	5.20	83	62350	21.205	ug/l	98
31) Cyclohexane	5.56	56	38444	21.225	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	52743	20.891	ug/l	98
36) 1,1-Dichloropropene	5.79	75	38243	21.193	ug/l	97
37) Ethyl Acetate	4.82	43	24746	22.184	ug/l	97
38) Carbon Tetrachloride	5.77	117	42746	20.190	ug/l	95

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	39559	19.976	ug/l	95
40) Benzene	6.13	78	117462	21.508	ug/l	97
41) Methacrylonitrile	5.03	41	15334	22.298	ug/l	96
42) 1,2-Dichloroethane	6.18	62	47186	21.860	ug/l	100
43) Isopropyl Acetate	6.43	43	50856	21.625	ug/l	99
44) Trichloroethene	7.20	130	31001	20.975	ug/l	98
45) 1,2-Dichloropropane	7.51	63	32595	21.561	ug/l	96
46) Dibromomethane	7.65	93	18086	21.890	ug/l	99
47) Bromodichloromethane	7.89	83	46323	20.545	ug/l	93
48) Methyl methacrylate	7.76	41	24113	21.421	ug/l	97
49) 1,4-Dioxane	7.73	88	7316	481.635	ug/l #	89
51) 4-Methyl-2-Pentanone	8.64	43	132612	106.841	ug/l	99
52) Toluene	8.78	92	77359	21.445	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	44172	19.628	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	49846	19.975	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	27909	21.804	ug/l	96
56) Ethyl methacrylate	9.17	69	37081	21.396	ug/l	99
57) 1,3-Dichloropropane	9.37	76	47801	21.865	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	93749	105.541	ug/l	99
59) 2-Hexanone	9.49	43	93168	107.956	ug/l	99
60) Dibromochloromethane	9.57	129	30812	20.619	ug/l	100
61) 1,2-Dibromoethane	9.67	107	25995	21.817	ug/l	98
64) Tetrachloroethene	9.33	164	29152	23.726	ug/l	97
65) Chlorobenzene	10.14	112	88356	20.814	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	33703	21.061	ug/l	99
67) Ethyl Benzene	10.25	91	156860	20.776	ug/l	97
68) m/p-Xylenes	10.35	106	116354	41.864	ug/l	100
69) o-Xylene	10.70	106	57370	21.071	ug/l	98
70) Styrene	10.71	104	99991	20.708	ug/l	99
71) Bromoform	10.85	173	16533	19.924	ug/l #	98
73) Isopropylbenzene	11.01	105	156549	20.938	ug/l	98
74) N-amyl acetate	10.89	43	45807	20.605	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	34293	21.357	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	37590	25.765	ug/l	88
77) Bromobenzene	11.25	156	36358	21.121	ug/l	98
78) n-propylbenzene	11.35	91	186467	20.653	ug/l	100
79) 2-Chlorotoluene	11.42	91	118867	21.250	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	141159	20.994	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	8774	18.019	ug/l	94
82) 4-Chlorotoluene	11.51	91	142586	21.210	ug/l	100
83) tert-Butylbenzene	11.76	119	134210	20.557	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	143224	20.606	ug/l	99
85) sec-Butylbenzene	11.94	105	161587	20.743	ug/l	98
86) p-Isopropyltoluene	12.06	119	145009	20.146	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	73240	20.887	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	72142	20.346	ug/l	97
89) n-Butylbenzene	12.39	91	139079	19.714	ug/l	99
90) Hexachloroethane	12.59	117	25884	19.524	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	68708	21.182	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	6554	19.997	ug/l	95

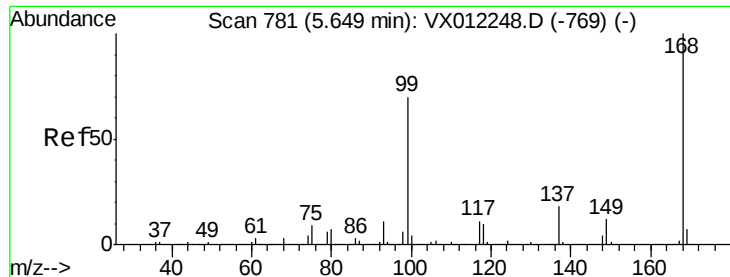
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
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Instrument :
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Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	43794	19.550	ug/l	98
94) Hexachlorobutadiene	13.78	225	22201	19.922	ug/l	97
95) Naphthalene	13.83	128	101209	21.053	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	39440	19.899	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

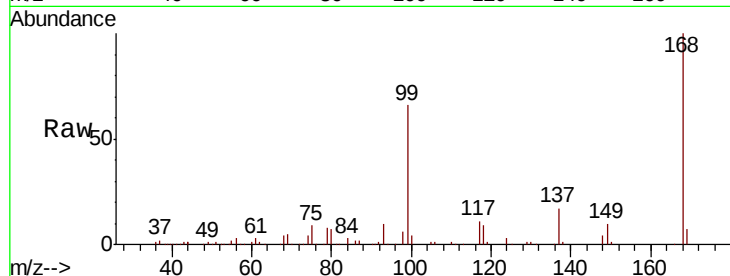
VX0910SBSD03

Tgt Ion:168 Resp: 137971

Ion Ratio Lower Upper

168 100

99 66.1 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

Time-->

5.50 5.60 5.70 5.80

50000

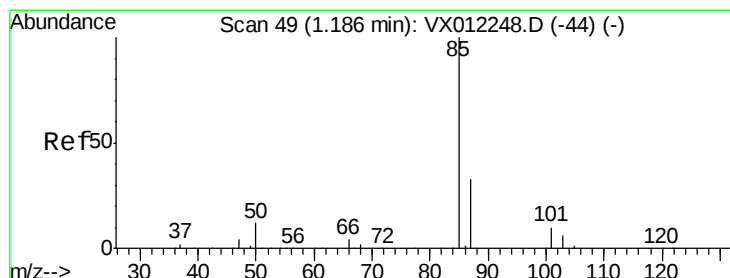
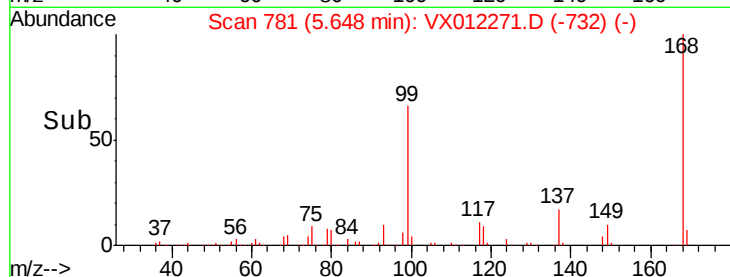
40000

30000

20000

10000

0



#2

Dichlorodifluoromethane

Concen: 21.240 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012271.D

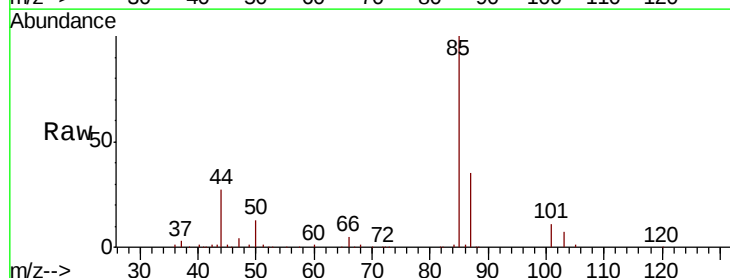
Acq: 10 Sep 2019 23:23

Tgt Ion: 85 Resp: 23959

Ion Ratio Lower Upper

85 100

87 34.6 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

Time-->

1.15 1.20 1.25 1.30

25000

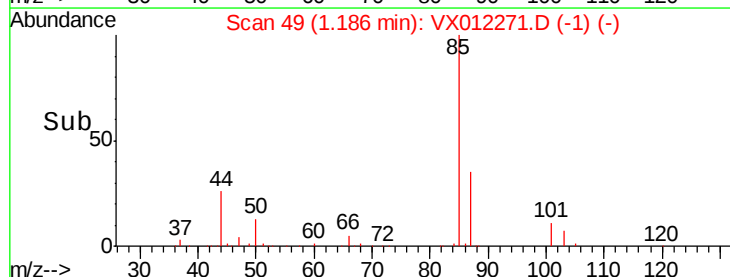
20000

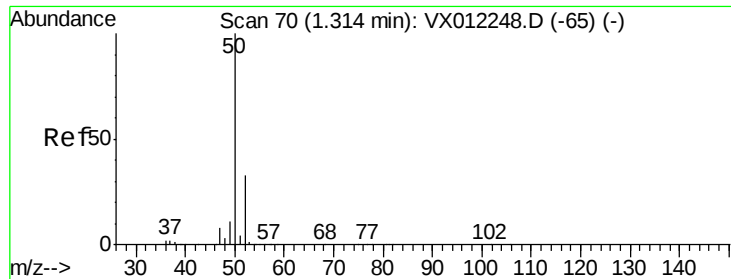
15000

10000

5000

0

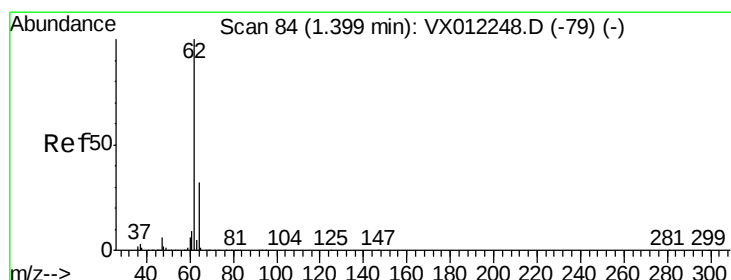
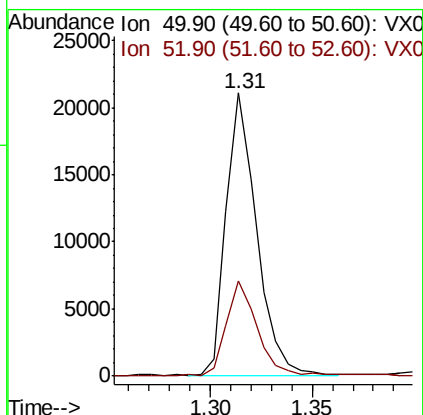
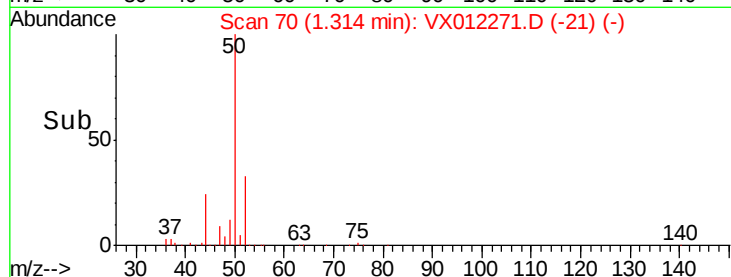
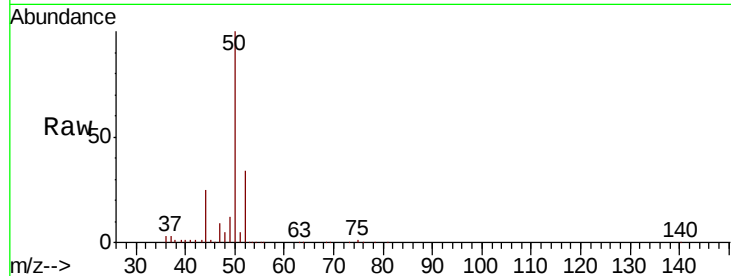




#3
Chloromethane
Concen: 21.337 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

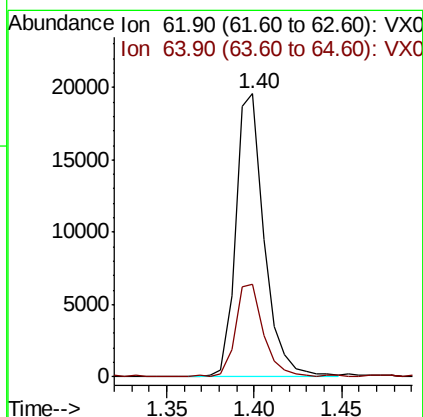
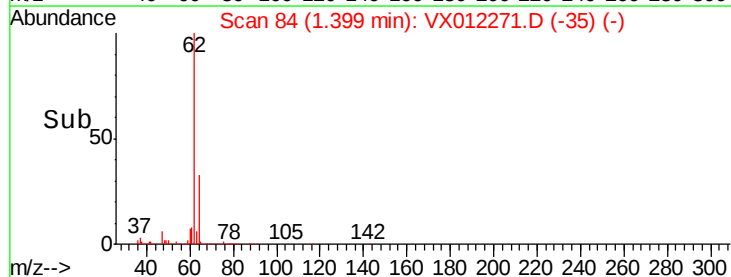
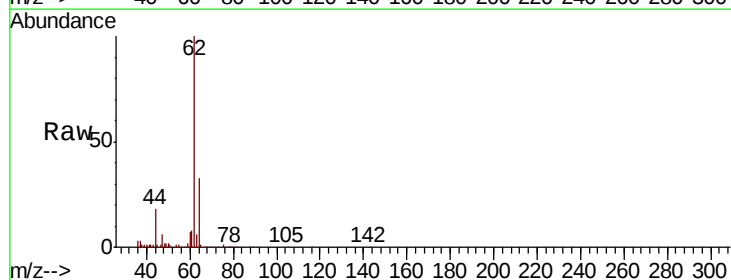
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

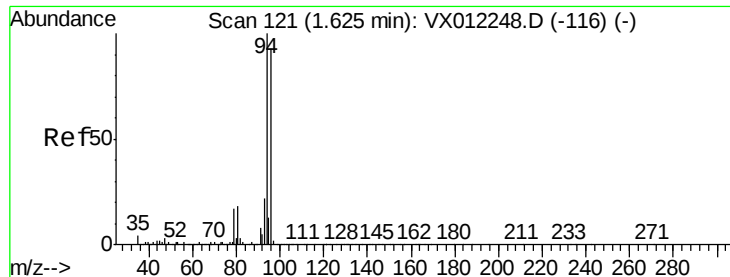
Tgt Ion: 50 Resp: 21695
Ion Ratio Lower Upper
50 100
52 33.2 26.7 40.1



#4
Vinyl Chloride
Concen: 21.938 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion: 62 Resp: 22118
Ion Ratio Lower Upper
62 100
64 32.5 25.5 38.3





#5

Bromomethane

Concen: 22.610 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

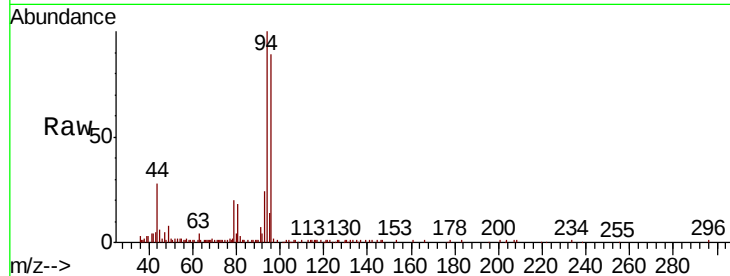
VX0910SBSD03

Tgt Ion: 94 Resp: 10276

Ion Ratio Lower Upper

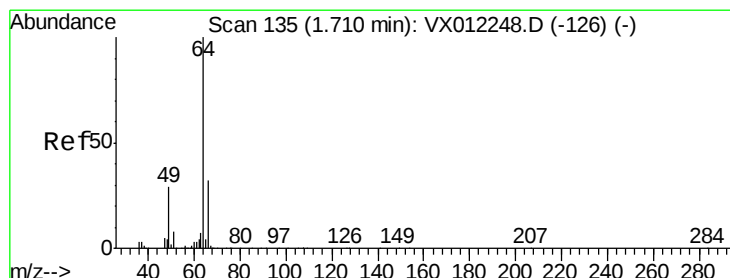
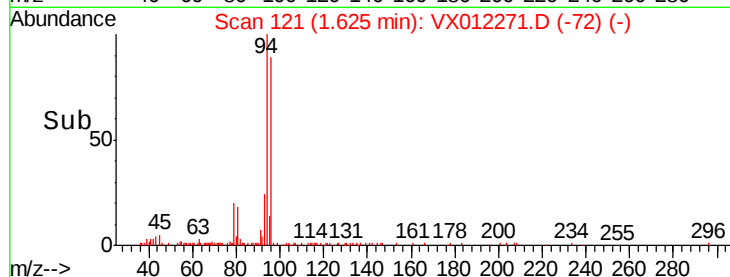
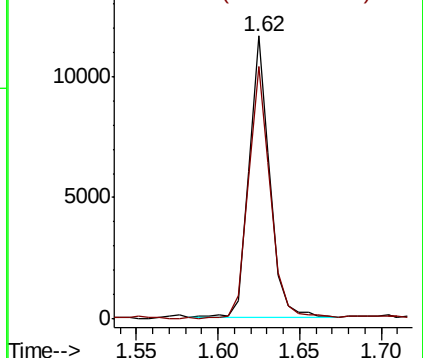
94 100

96 89.2 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.884 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012271.D

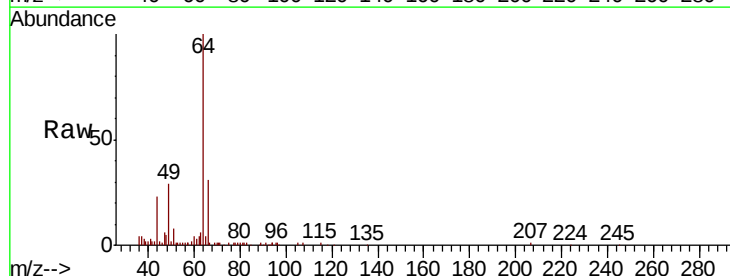
Acq: 10 Sep 2019 23:23

Tgt Ion: 64 Resp: 14753

Ion Ratio Lower Upper

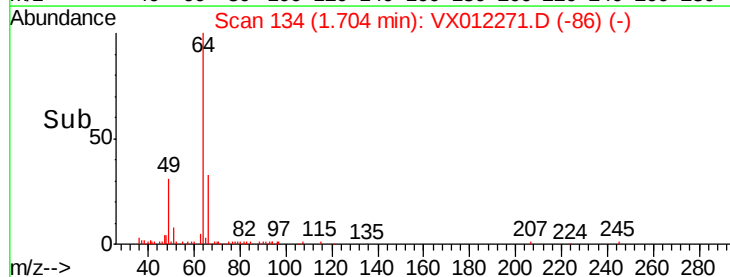
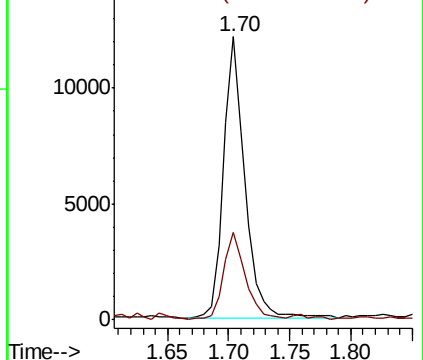
64 100

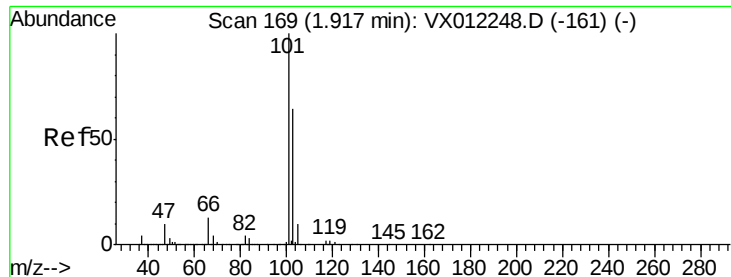
66 31.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



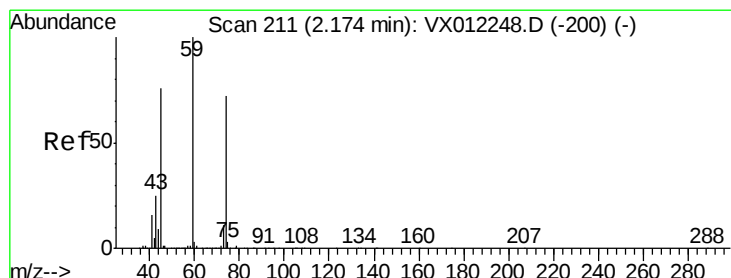
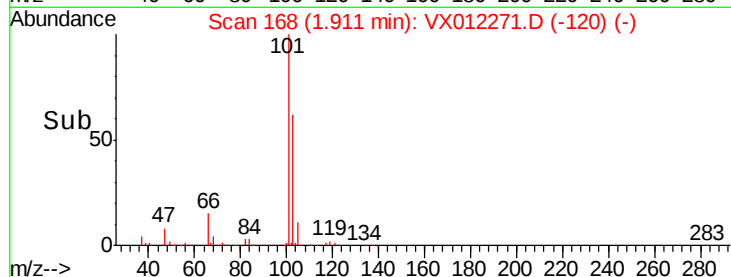
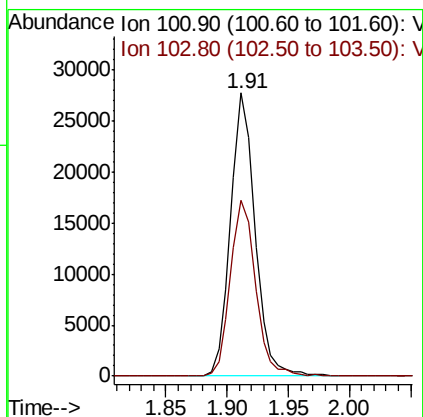
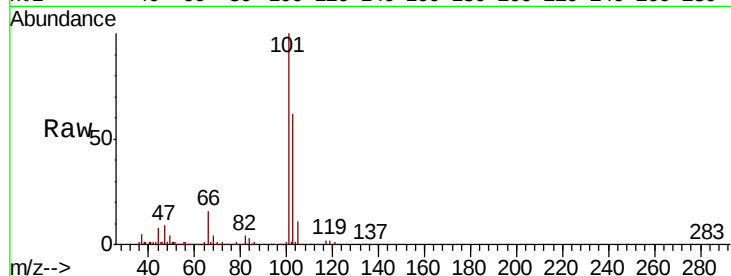


#7

Trichlorofluoromethane
 Concen: 21.080 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS03

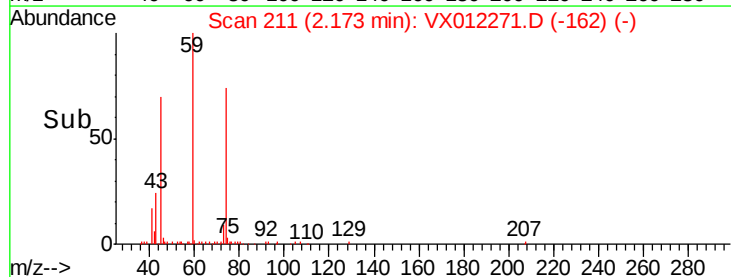
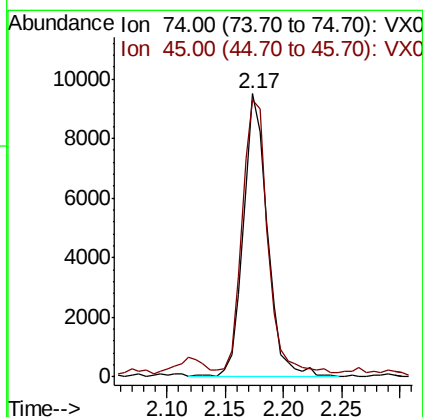
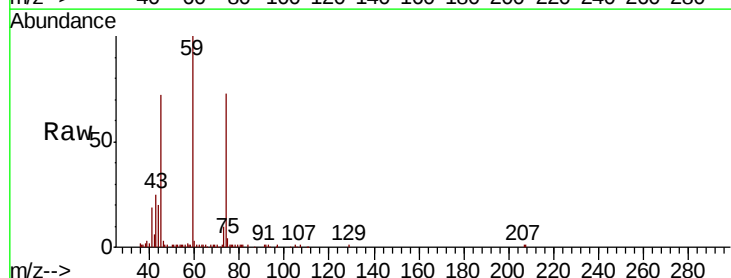
Tgt Ion: 101 Resp: 38464
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.4 77.2

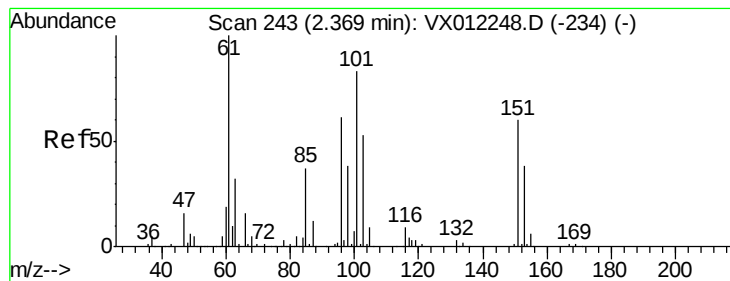


#8

Diethyl Ether
 Concen: 22.150 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion: 74 Resp: 13791
 Ion Ratio Lower Upper
 74 100
 45 101.8 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.492 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

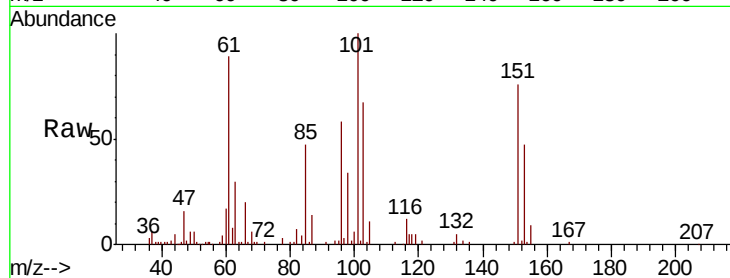
Tgt Ion:101 Resp: 26430

Ion Ratio Lower Upper

101 100

85 45.7 37.0 55.6

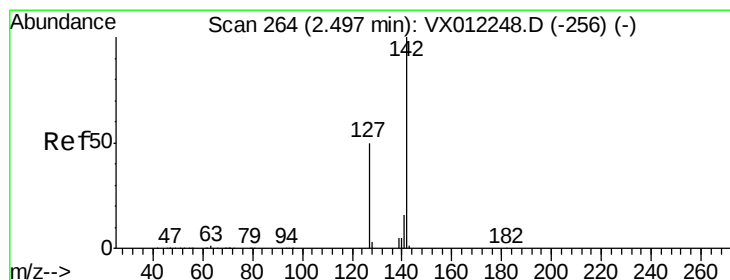
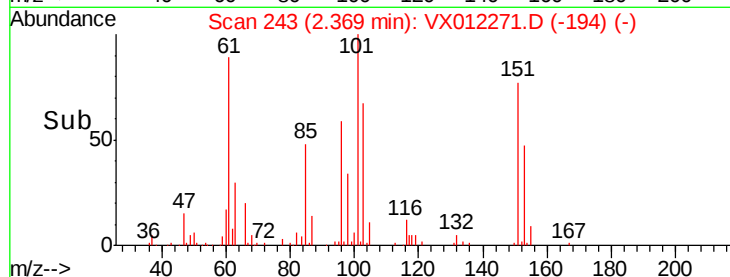
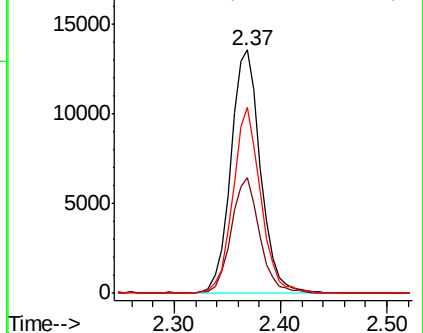
151 71.8 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.517 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

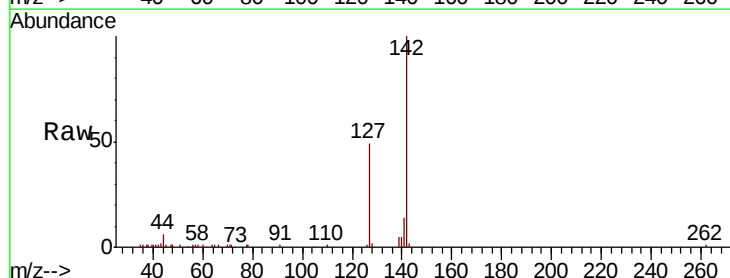
Tgt Ion:142 Resp: 20502

Ion Ratio Lower Upper

142 100

127 50.3 40.6 61.0

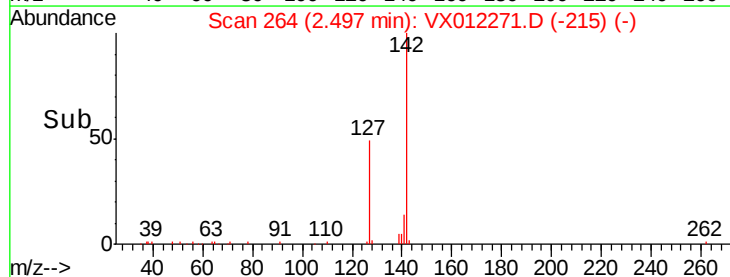
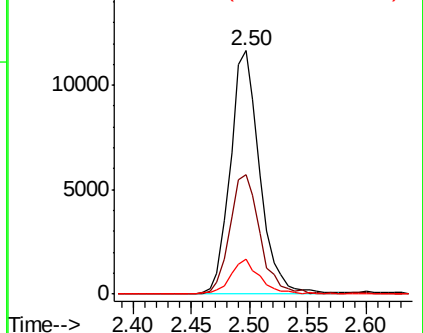
141 14.4 12.0 18.0

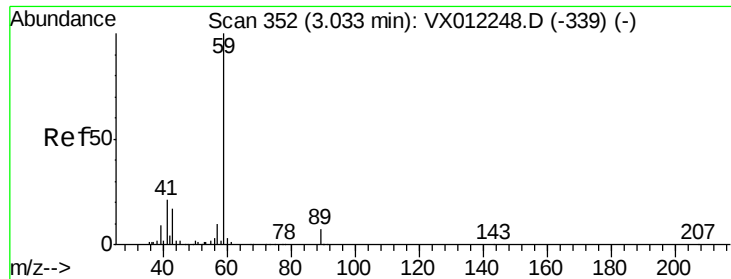


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

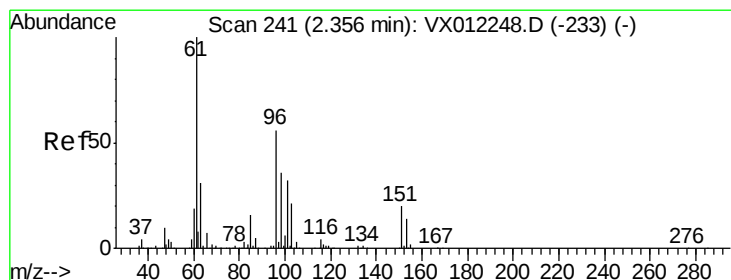
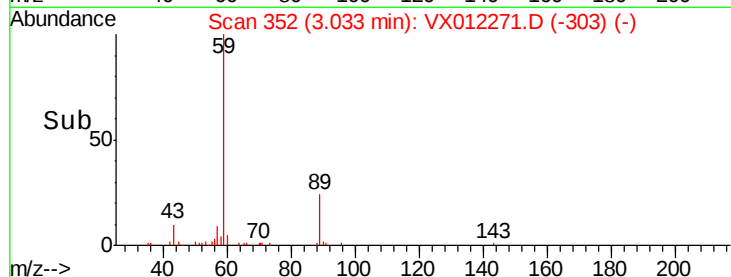
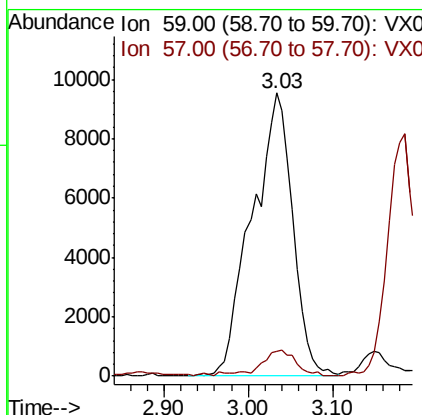
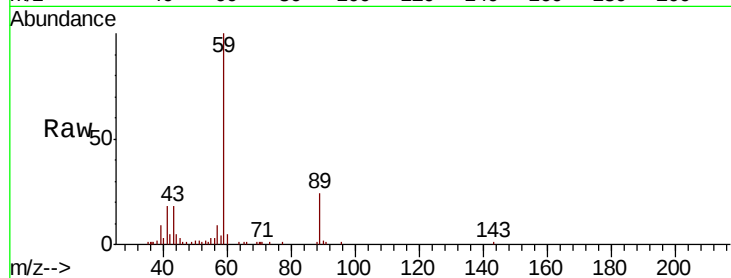




#11
Tert butyl alcohol
Concen: 148.849 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

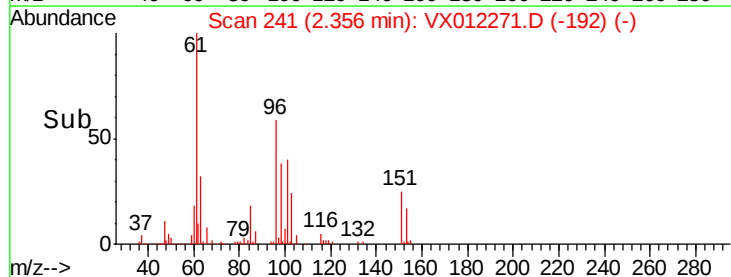
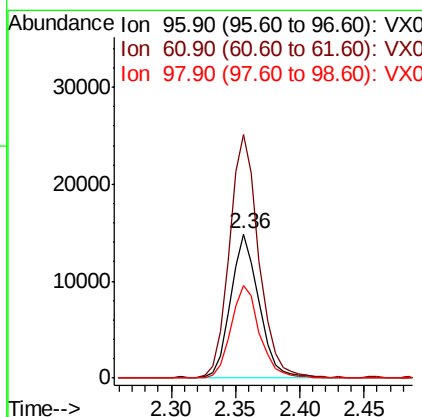
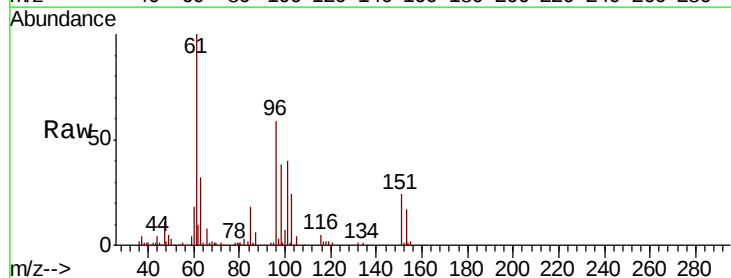
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD03

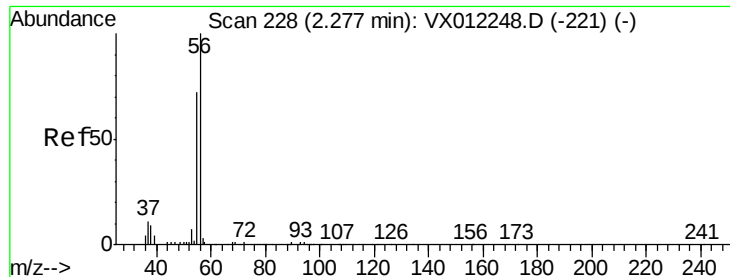
Tgt Ion: 59 Resp: 31605
Ion Ratio Lower Upper
59 100
57 7.7 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 22.047 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion: 96 Resp: 23017
Ion Ratio Lower Upper
96 100
61 168.3 142.2 213.2
98 64.5 51.3 76.9





#13

Acrolein

Concen: 91.793 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

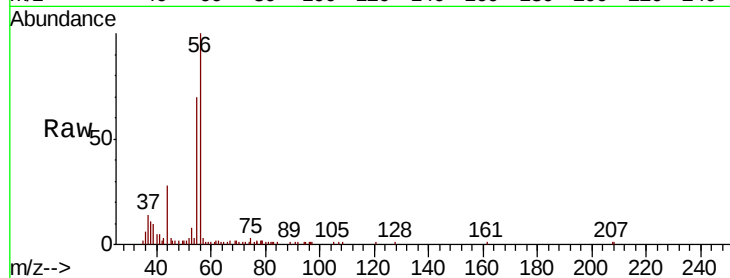
VX0910SBS03

Tgt Ion: 56 Resp: 9360

Ion Ratio Lower Upper

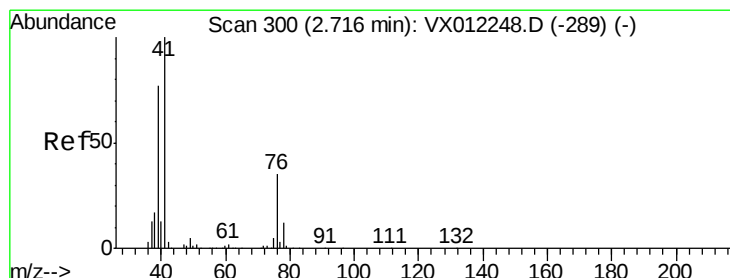
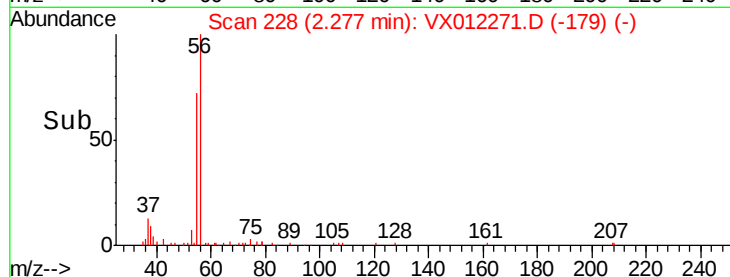
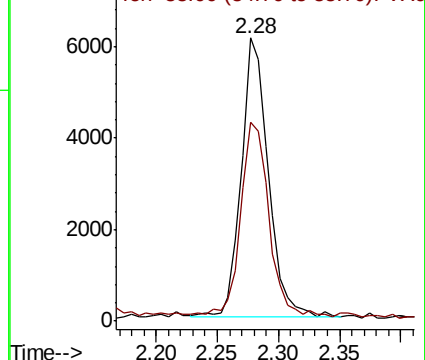
56 100

55 72.7 59.8 89.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.781 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

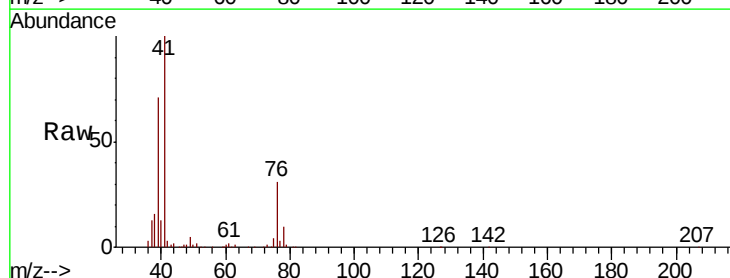
Tgt Ion: 41 Resp: 44233

Ion Ratio Lower Upper

41 100

39 73.4 58.6 87.8

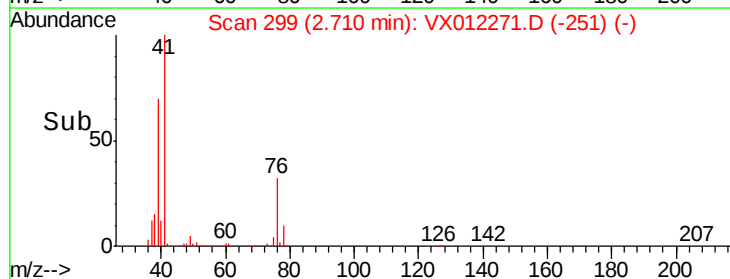
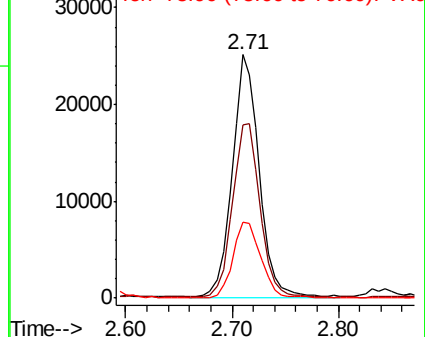
76 33.0 26.3 39.5

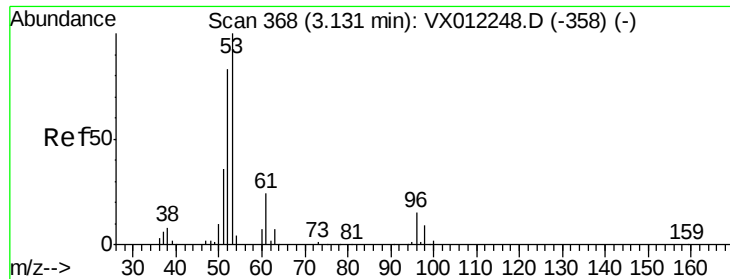


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

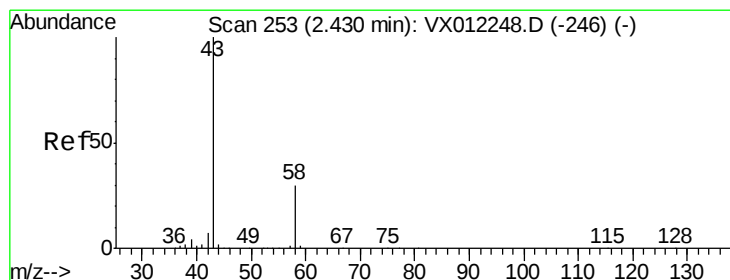
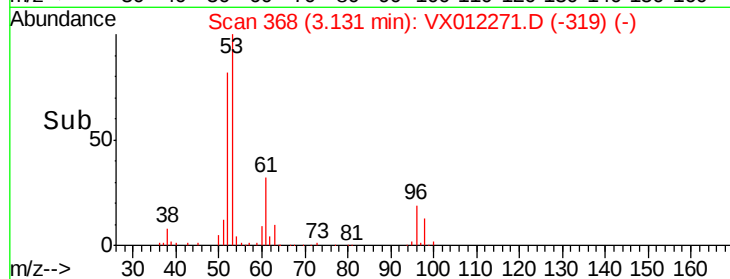
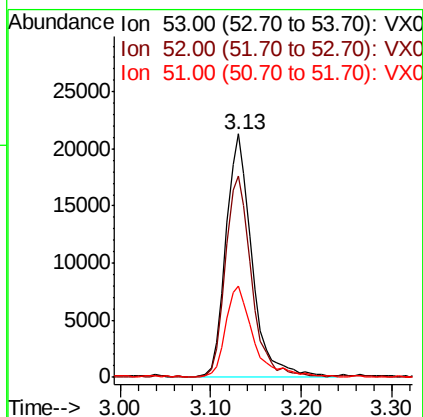
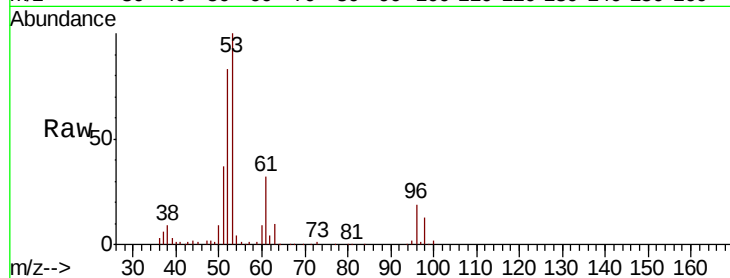




#15
 Acrylonitrile
 Concen: 110.998 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

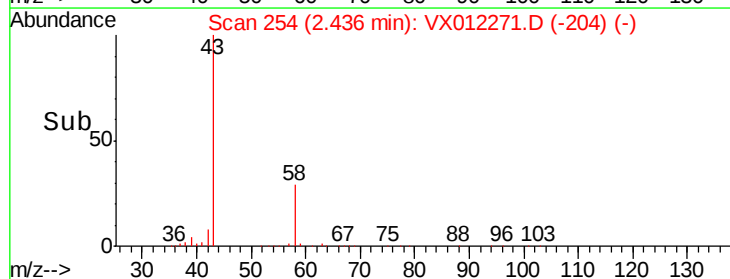
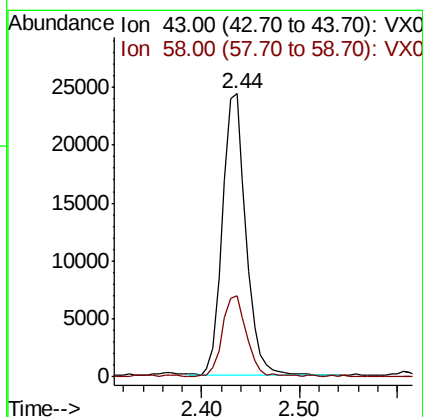
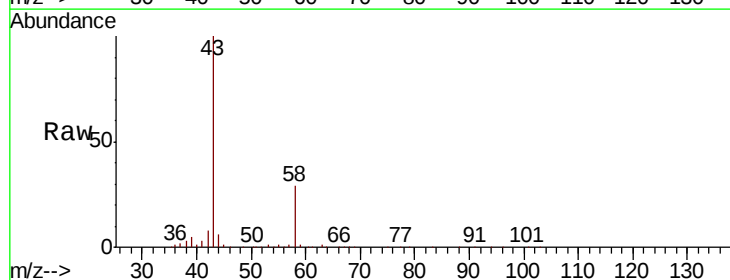
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS03

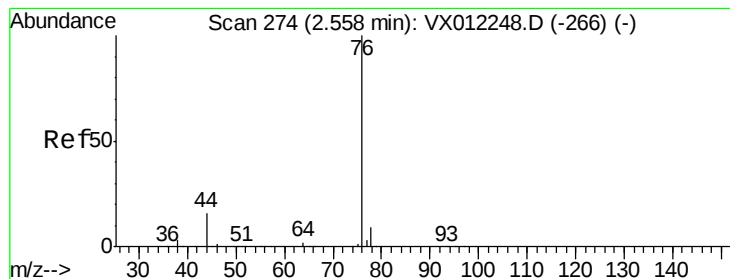
Tgt Ion: 53 Resp: 42720
 Ion Ratio Lower Upper
 53 100
 52 82.8 66.8 100.2
 51 40.3 30.7 46.1



#16
 Acetone
 Concen: 87.422 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.01 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion: 43 Resp: 40369
 Ion Ratio Lower Upper
 43 100
 58 28.8 23.6 35.4





#17

Carbon Disulfide

Concen: 21.095 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

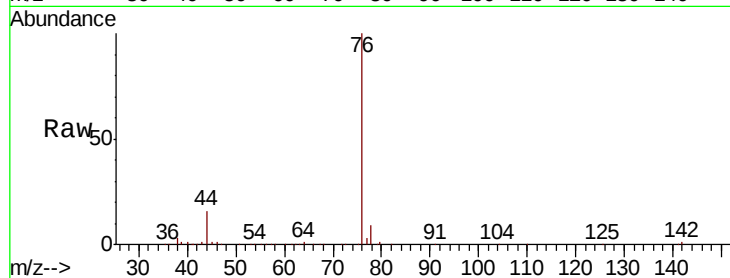
VX0910SBSD03

Tgt Ion: 76 Resp: 46248

Ion Ratio Lower Upper

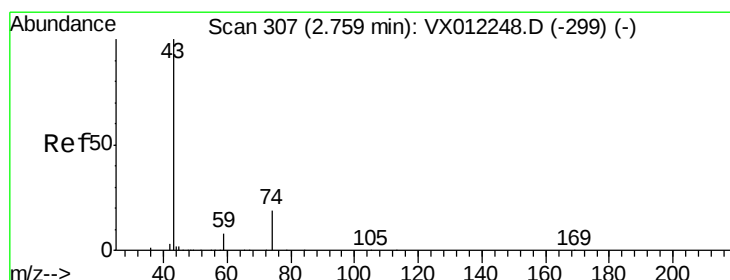
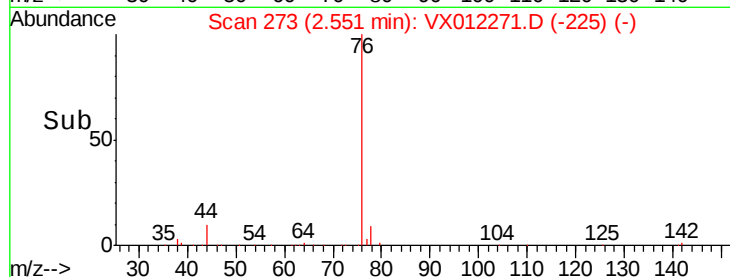
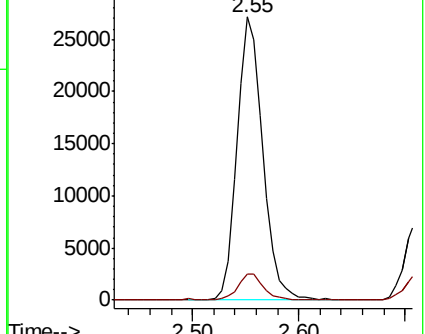
76 100

78 9.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.446 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012271.D

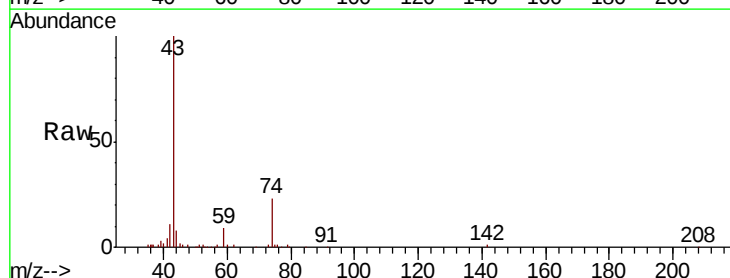
Acq: 10 Sep 2019 23:23

Tgt Ion: 43 Resp: 22756

Ion Ratio Lower Upper

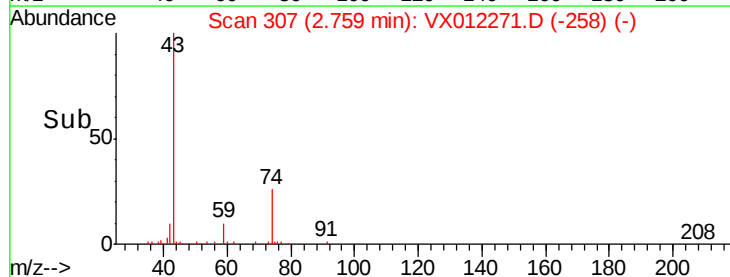
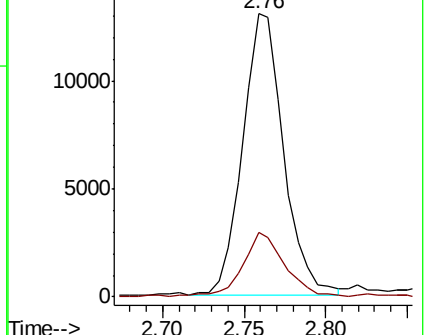
43 100

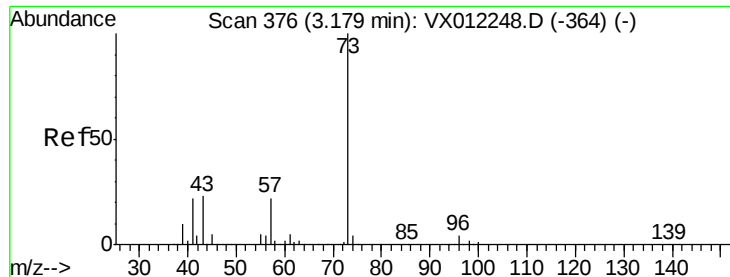
74 23.7 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

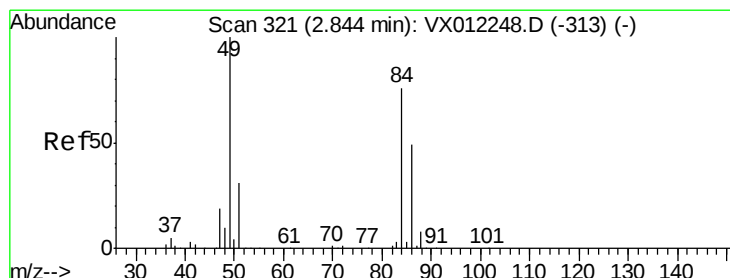
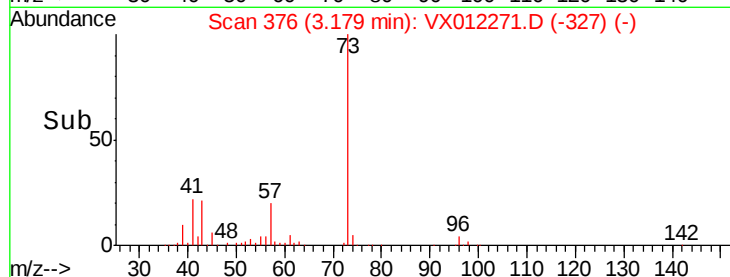
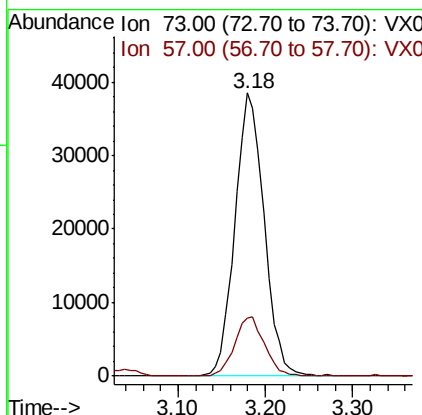
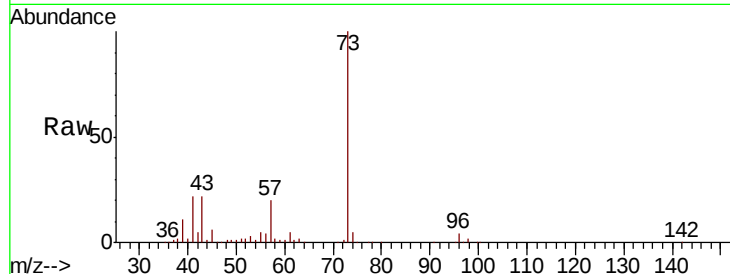




#19
Methyl tert-butyl Ether
Concen: 21.709 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

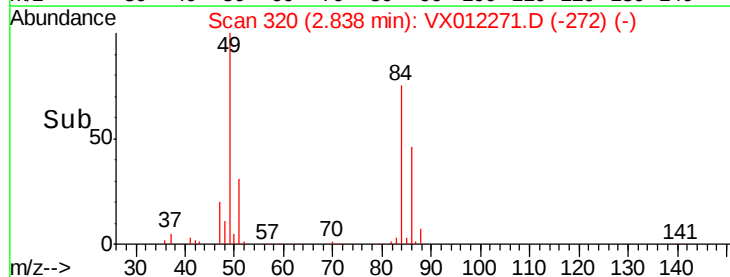
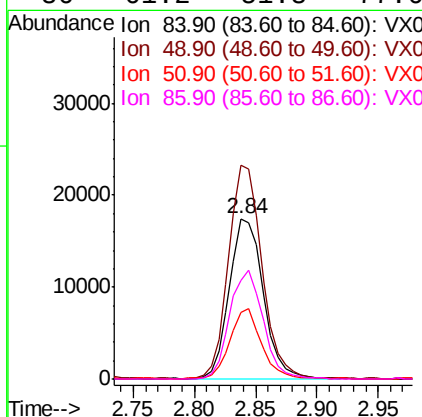
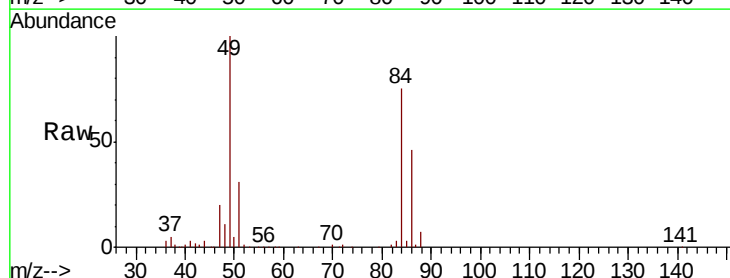
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD03

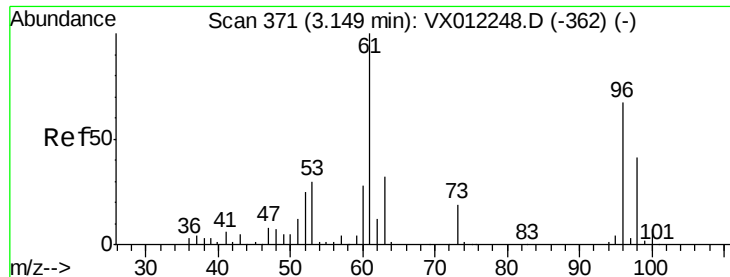
Tgt Ion: 73 Resp: 89504
Ion Ratio Lower Upper
73 100
57 20.5 17.7 26.5



#20
Methylene Chloride
Concen: 21.935 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion: 84 Resp: 33732
Ion Ratio Lower Upper
84 100
49 133.0 105.0 157.6
51 41.2 32.6 48.8
86 61.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 21.445 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBSD03

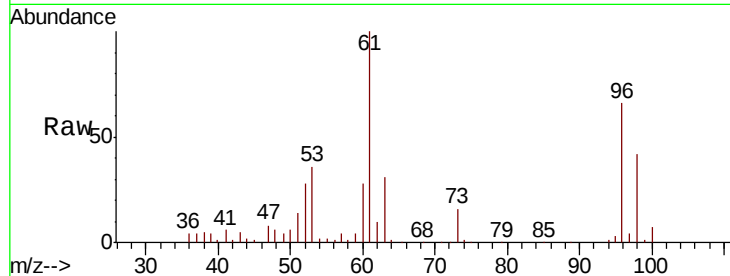
Tgt Ion: 96 Resp: 26712

Ion Ratio Lower Upper

96 100

61 152.5 119.4 179.2

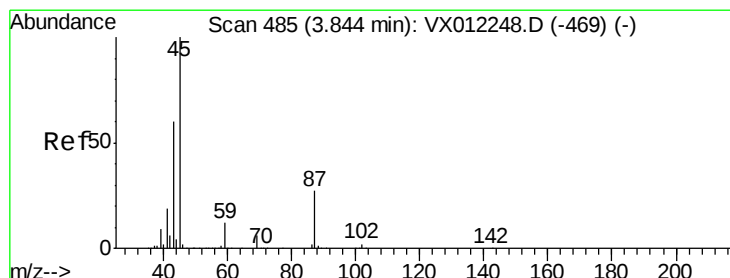
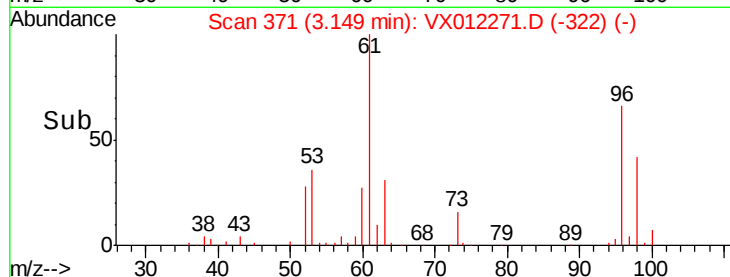
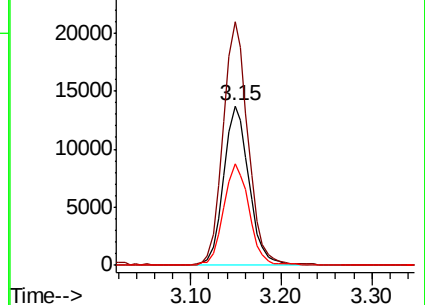
98 63.7 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.478 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Tgt Ion: 45 Resp: 104554

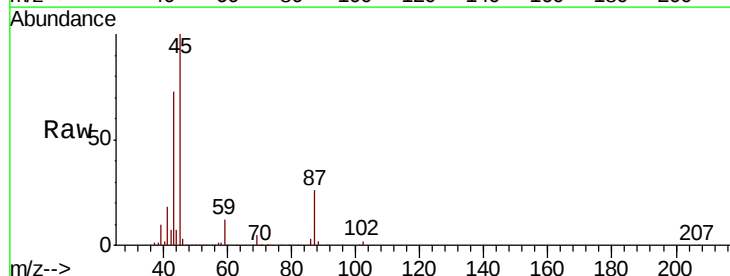
Ion Ratio Lower Upper

45 100

43 73.2 48.3 72.5#

87 25.9 21.8 32.8

59 11.7 9.1 13.7

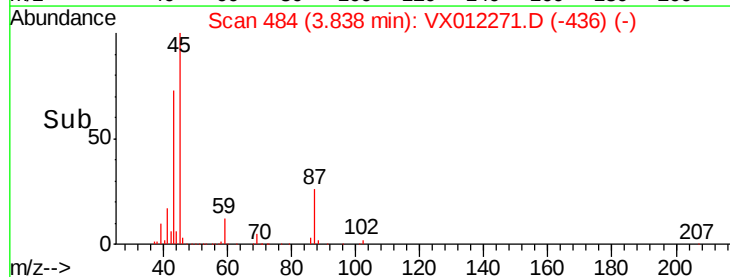
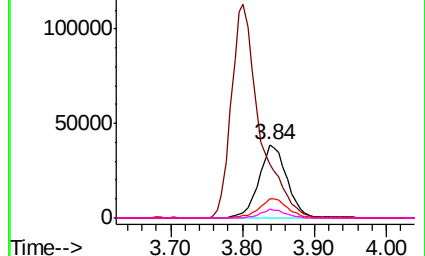


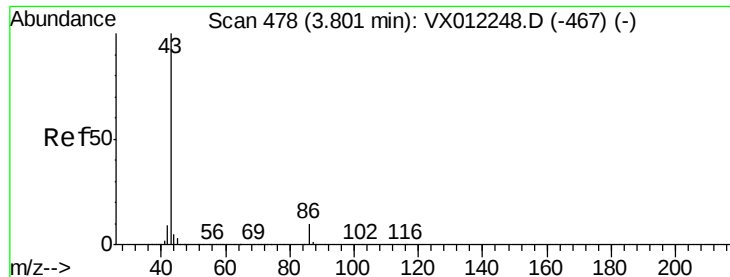
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

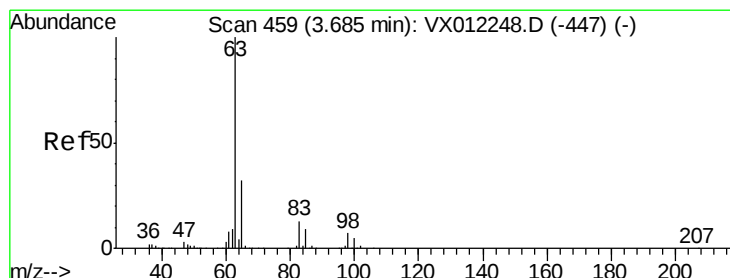
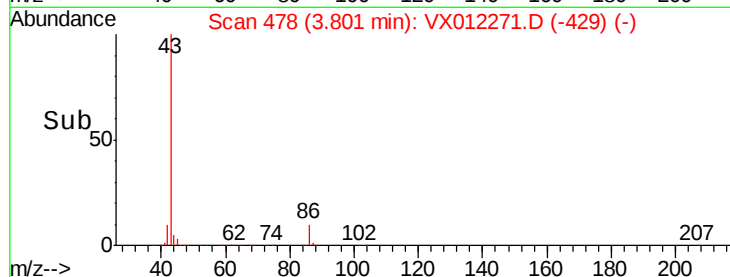
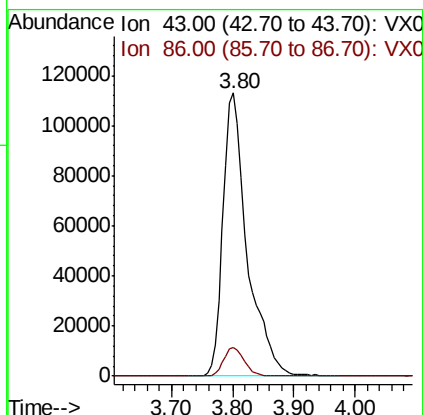
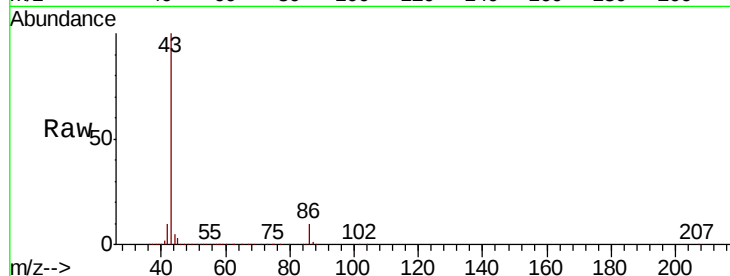




#23
 Vinyl Acetate
 Concen: 103.932 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

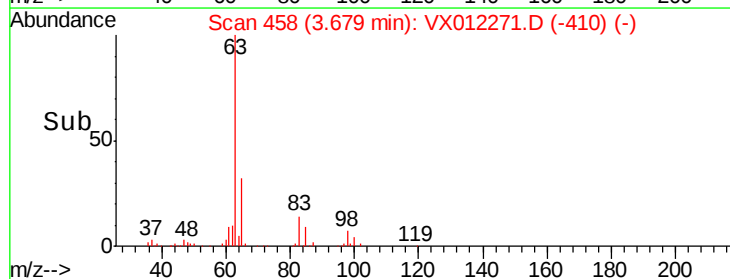
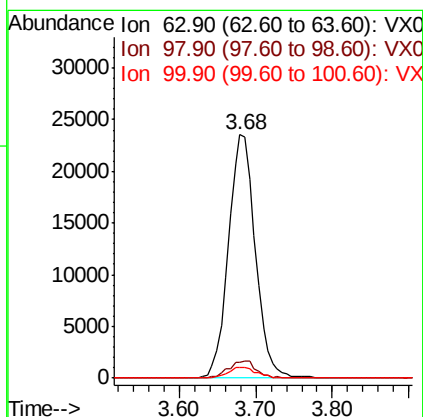
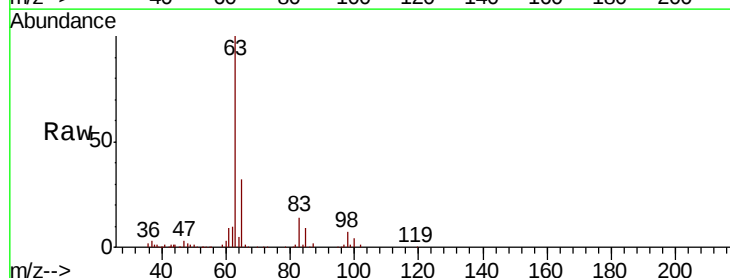
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD03

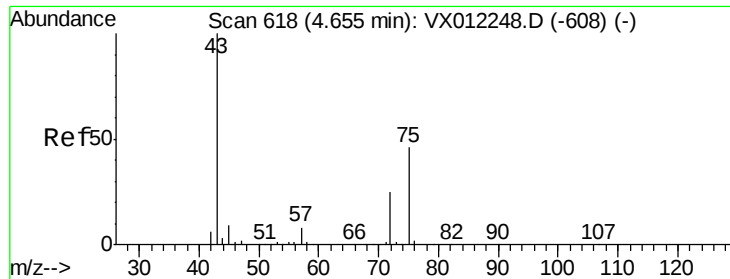
Tgt Ion: 43 Resp: 310409
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 21.935 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion: 63 Resp: 57194
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.5 2.4 7.2





#25

2-Butanone

Concen: 104.626 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

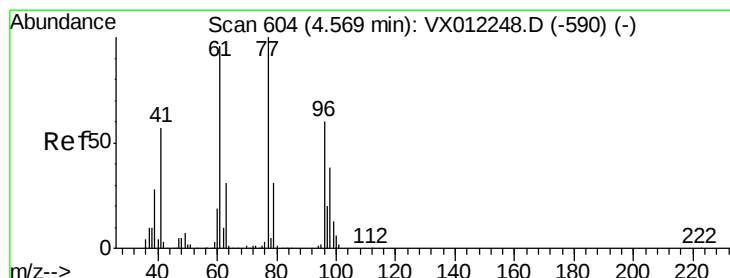
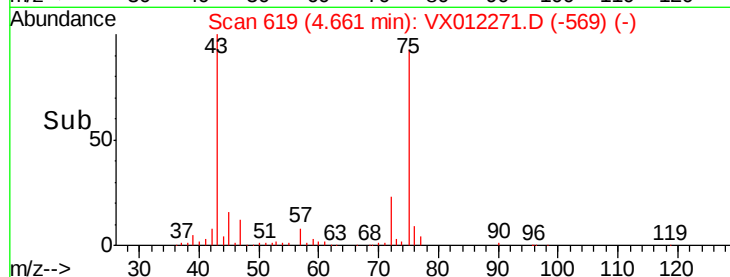
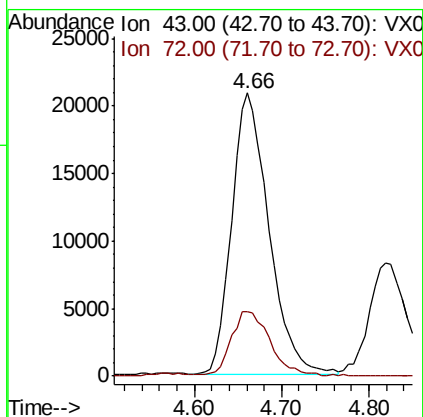
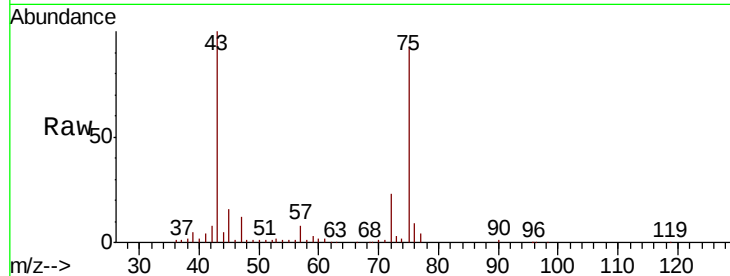
VX0910SBSD03

Tgt Ion: 43 Resp: 61762

Ion Ratio Lower Upper

43 100

72 22.4 20.2 30.2



#26

2,2-Dichloropropane

Concen: 17.943 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012271.D

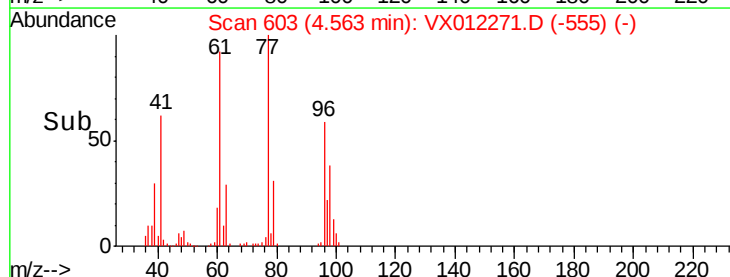
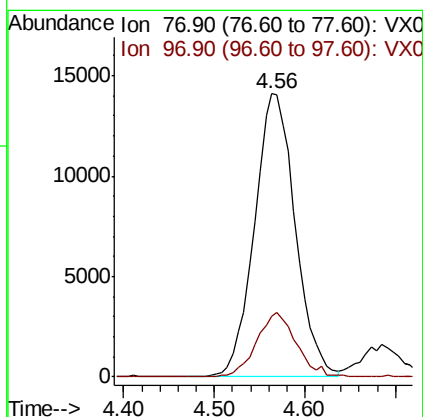
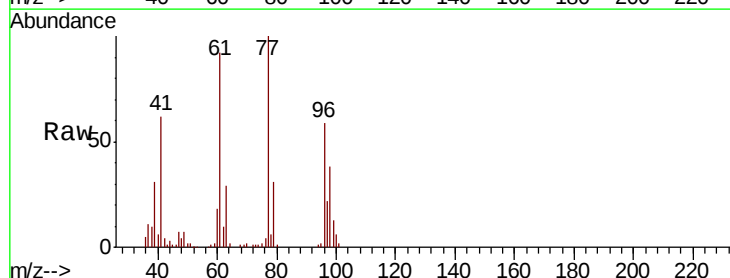
Acq: 10 Sep 2019 23:23

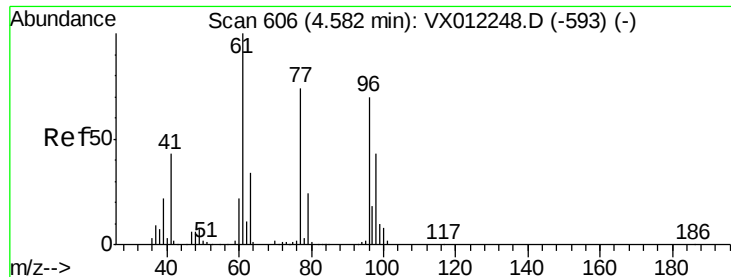
Tgt Ion: 77 Resp: 43925

Ion Ratio Lower Upper

77 100

97 22.1 10.7 32.1



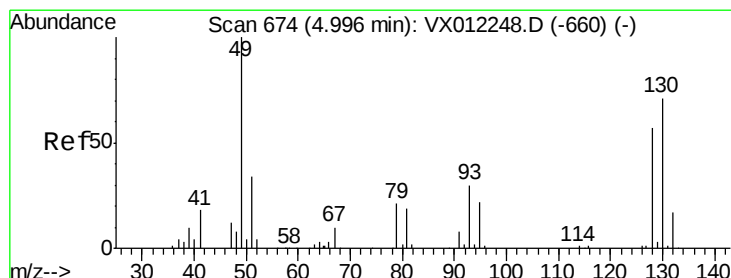
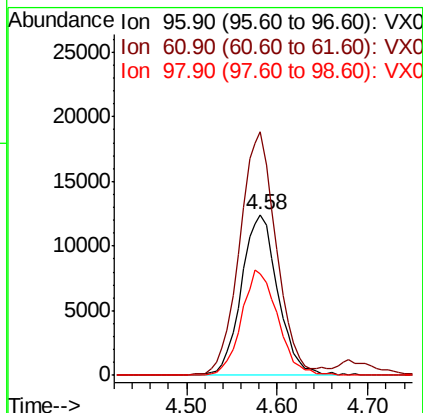
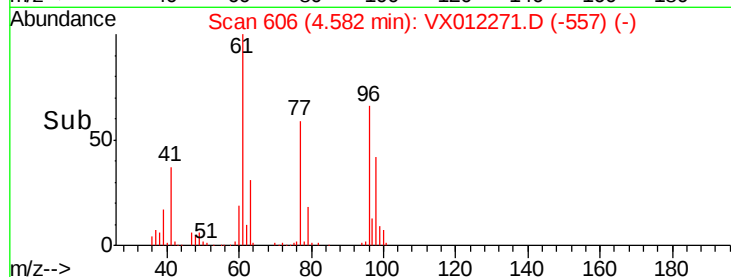
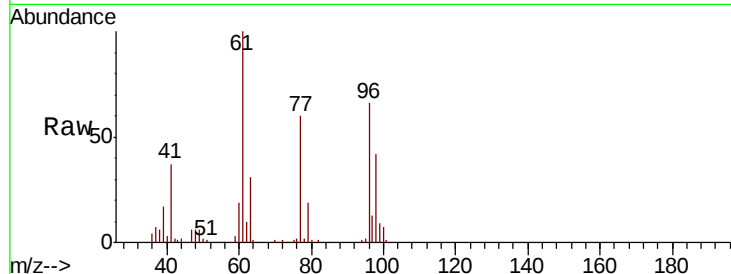


#27

cis-1,2-Dichloroethene
 Concen: 21.500 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBS03

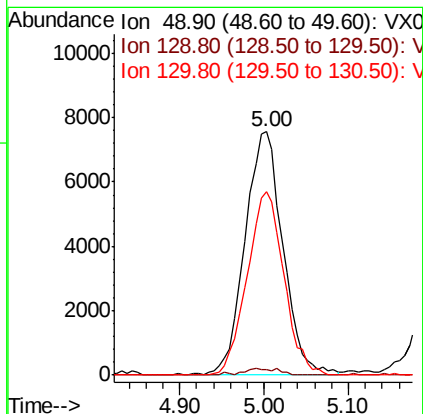
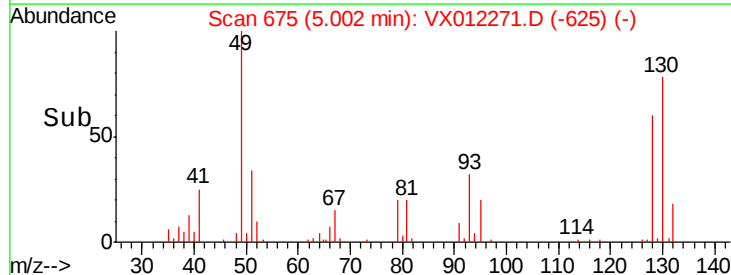
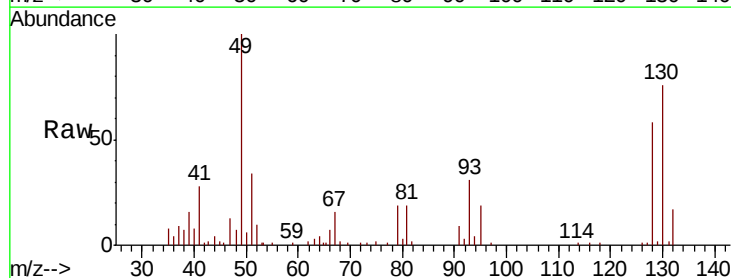
Tgt Ion: 96 Resp: 34574
 Ion Ratio Lower Upper
 96 100
 61 152.8 0.0 310.4
 98 65.3 0.0 128.8

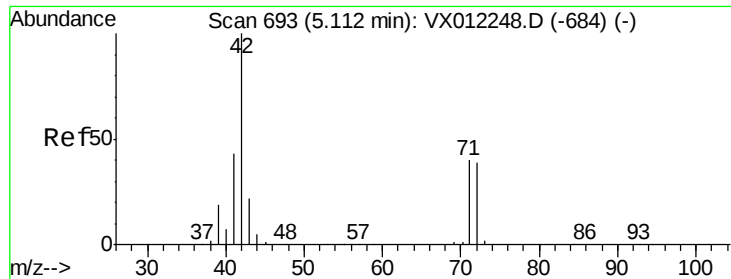


#28

Bromochloromethane
 Concen: 18.955 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.01 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion: 49 Resp: 23180
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.2
 130 73.0 60.1 90.1

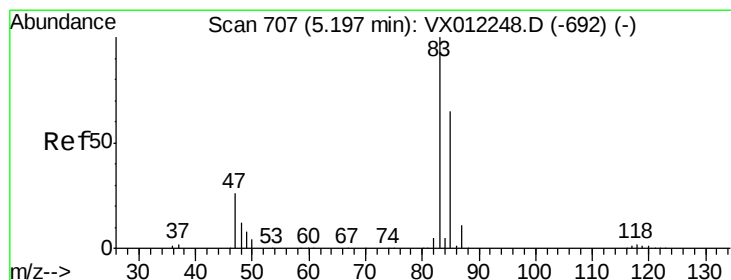
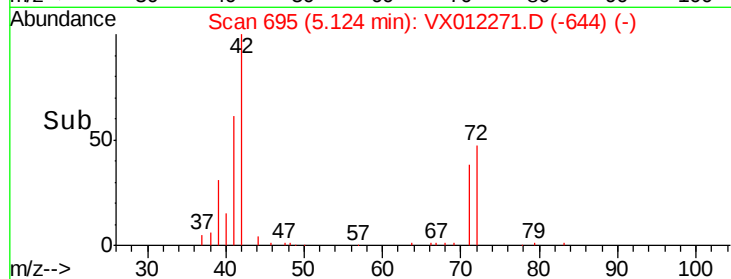
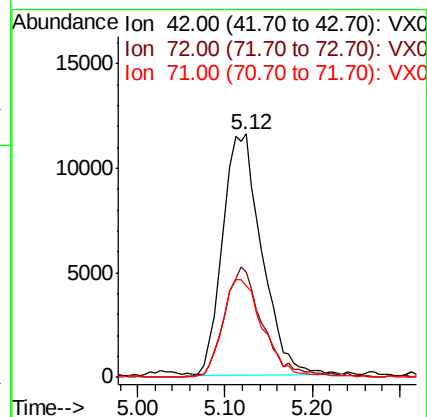
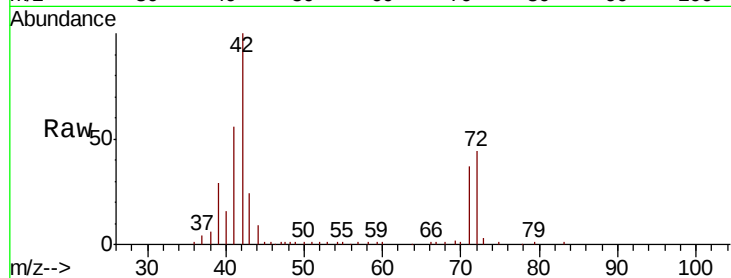




#29
Tetrahydrofuran
Concen: 112.101 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

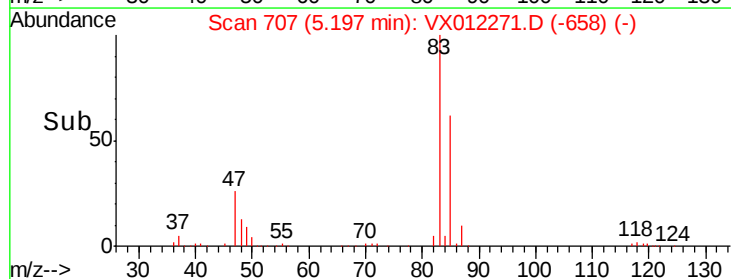
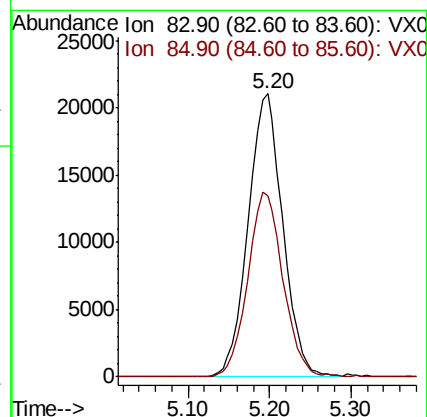
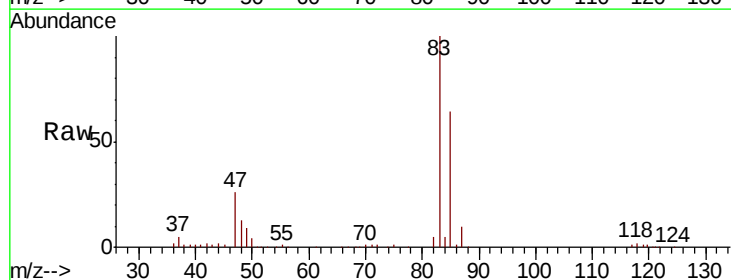
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

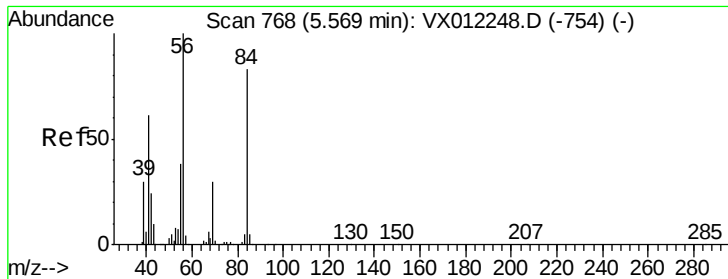
Tgt Ion: 42 Resp: 35704
Ion Ratio Lower Upper
42 100
72 45.4 35.2 52.8
71 41.8 32.5 48.7



#30
Chloroform
Concen: 21.205 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion: 83 Resp: 62350
Ion Ratio Lower Upper
83 100
85 63.6 52.3 78.5

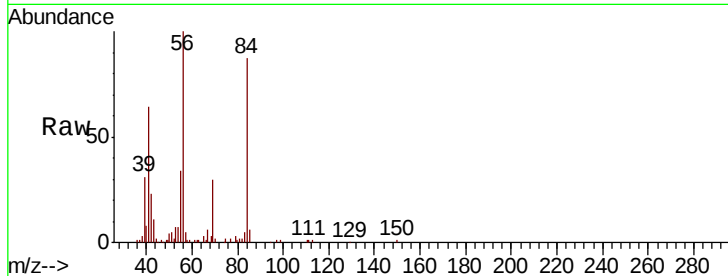




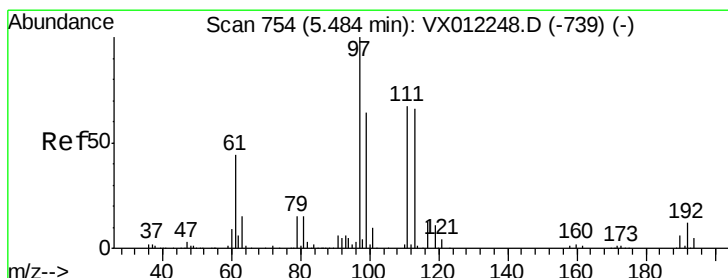
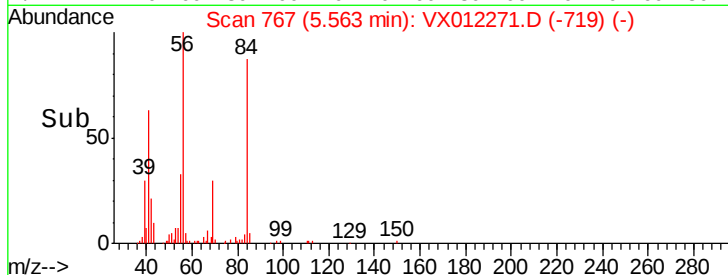
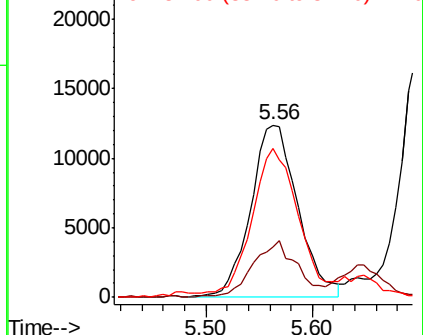
#31
Cyclohexane
Concen: 21.225 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tgt Ion: 56 Resp: 38444
Ion Ratio Lower Upper
56 100
69 29.5 23.8 35.6
84 84.4 66.6 100.0

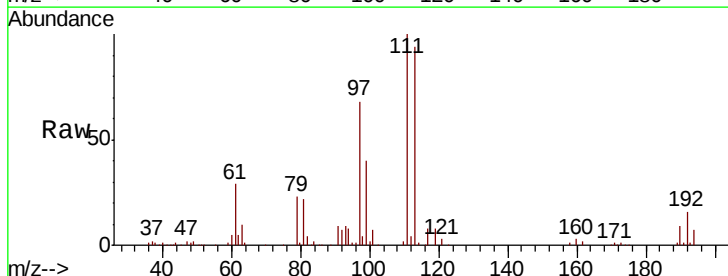


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

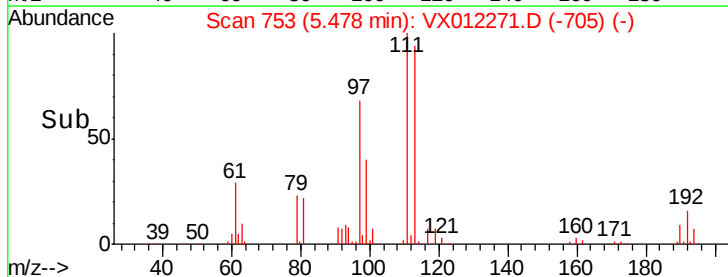
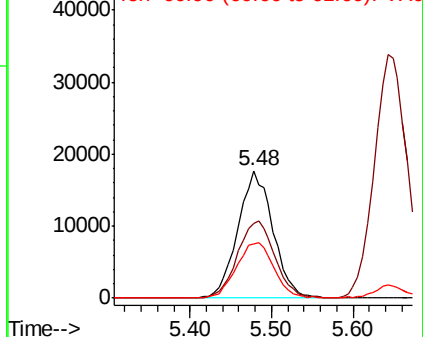


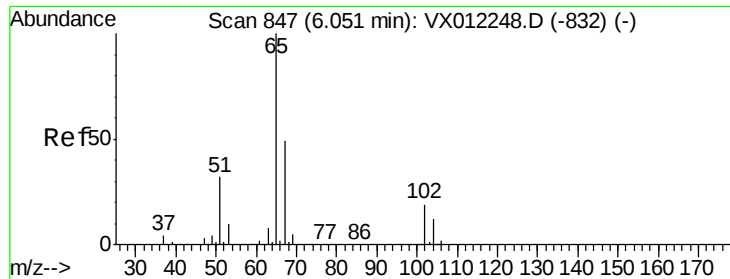
#32
1,1,1-Trichloroethane
Concen: 20.891 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion: 97 Resp: 52743
Ion Ratio Lower Upper
97 100
99 64.3 51.3 76.9
61 46.6 35.4 53.0



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

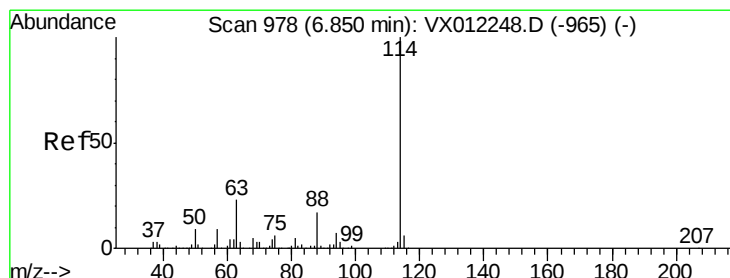
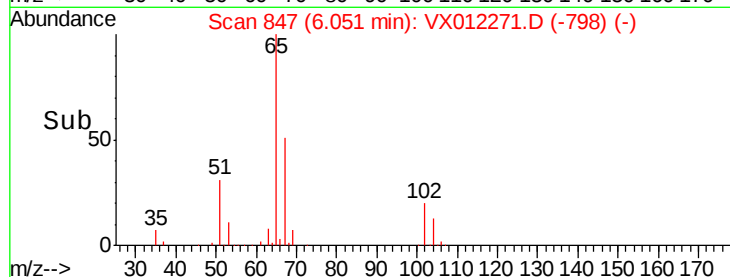
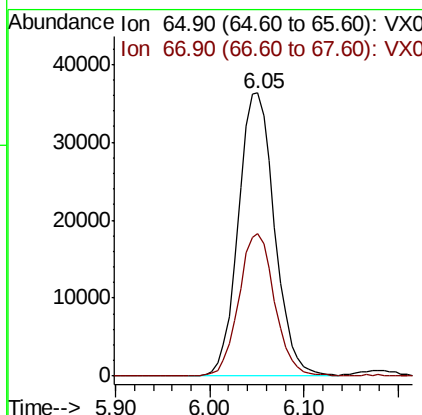
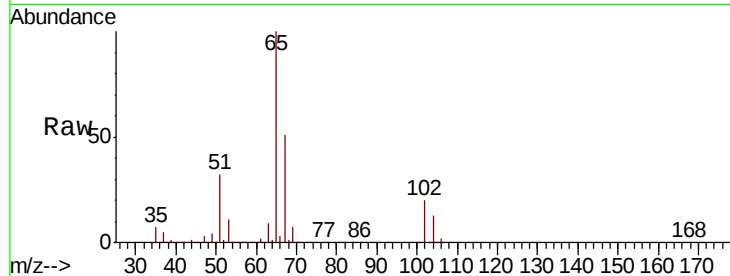




#33
 1,2-Dichloroethane-d4
 Concen: 50.231 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

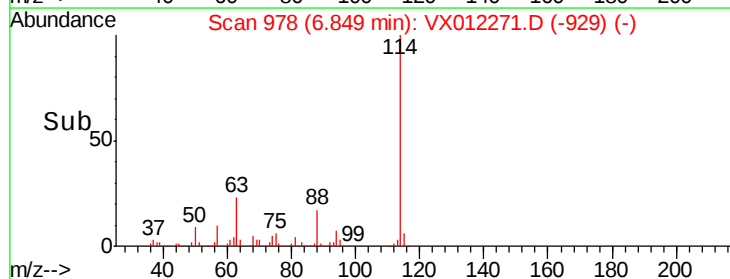
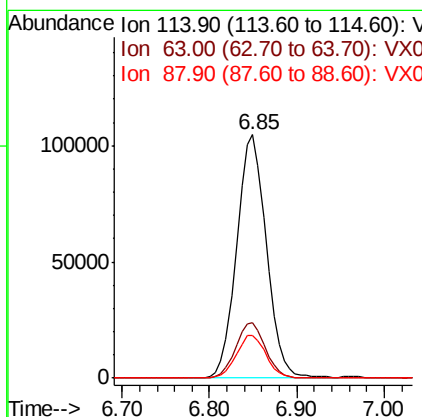
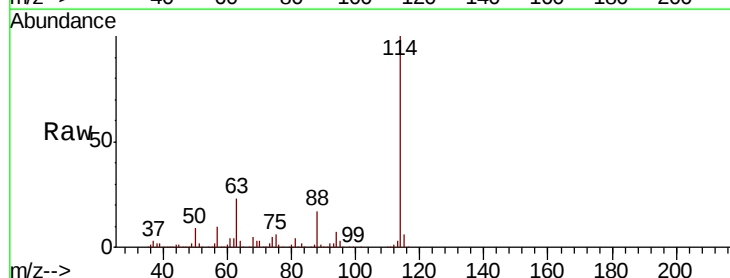
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD03

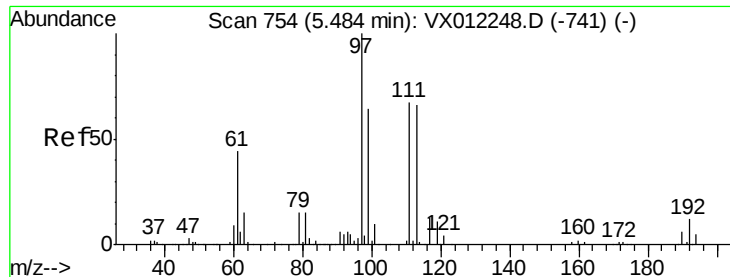
Tgt Ion: 65 Resp: 97983
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion: 114 Resp: 247475
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.2
 88 17.4 0.0 34.8

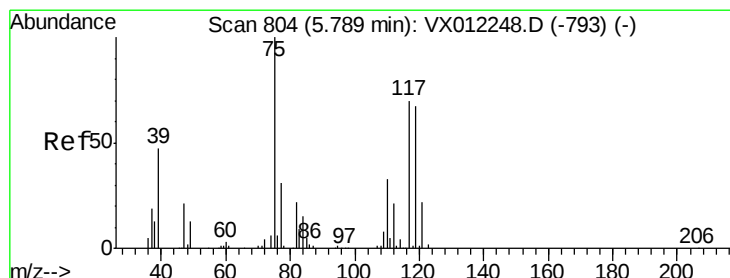
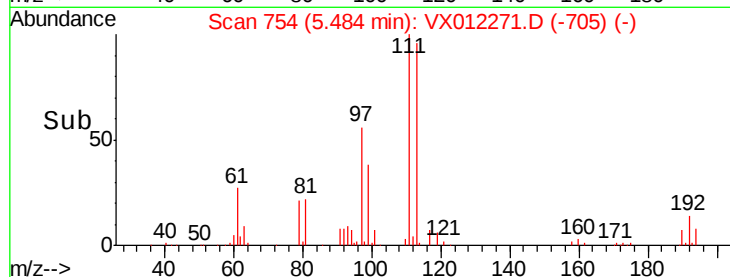
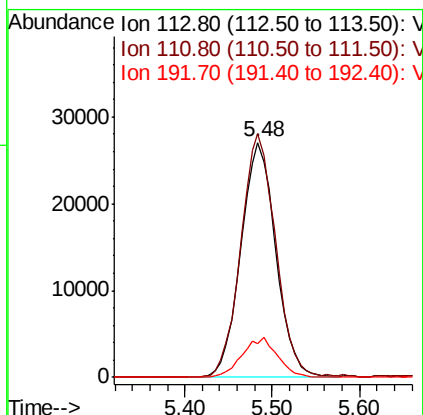
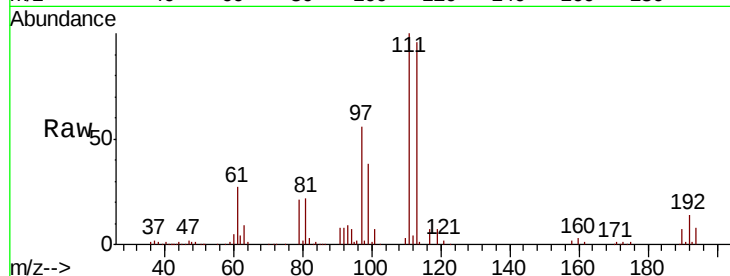




#35
 Dibromofluoromethane
 Concen: 47.386 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

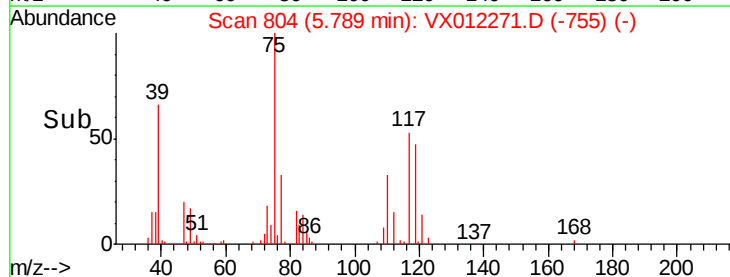
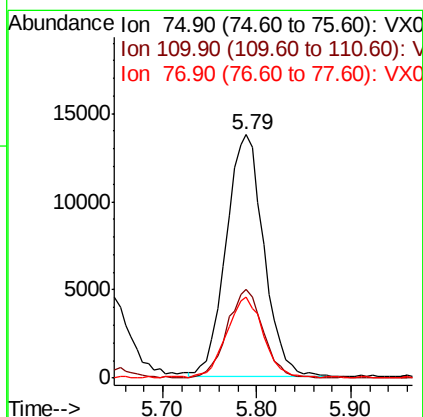
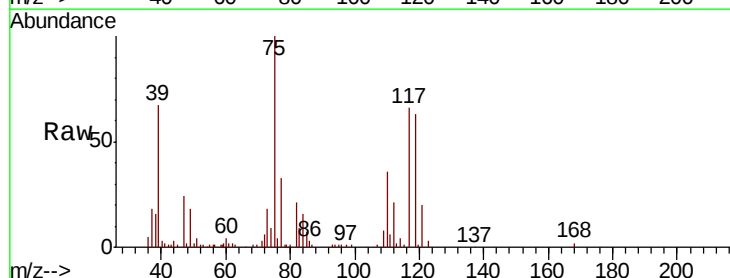
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD03

Tgt Ion:113 Resp: 75174
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.0 124.6
 192 17.0 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 21.193 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion: 75 Resp: 38243
 Ion Ratio Lower Upper
 75 100
 110 35.1 16.8 50.4
 77 32.2 24.5 36.7

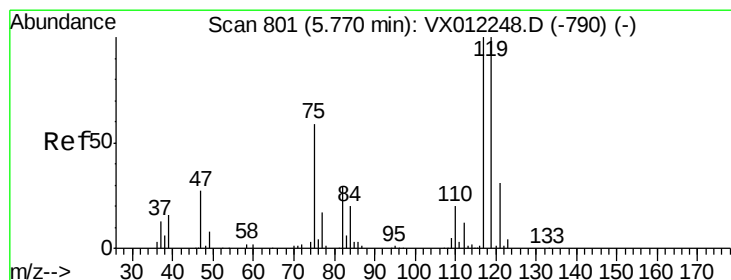
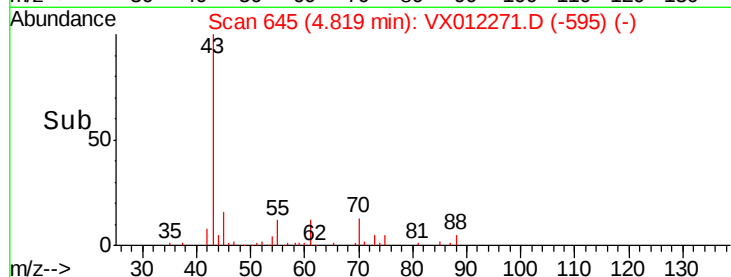
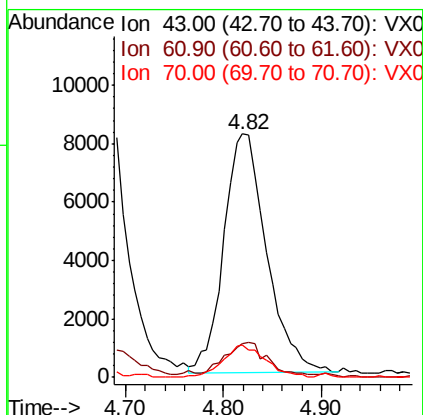
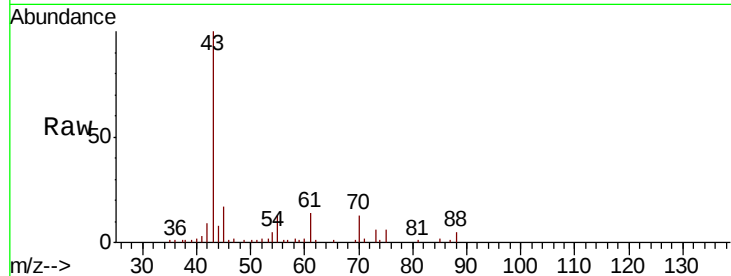




#37
Ethyl Acetate
Concen: 22.184 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

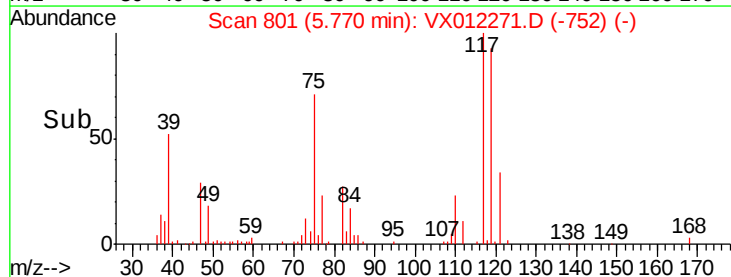
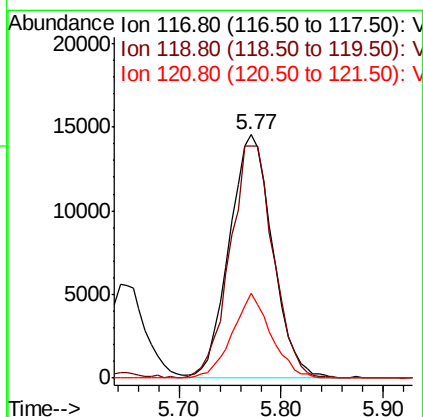
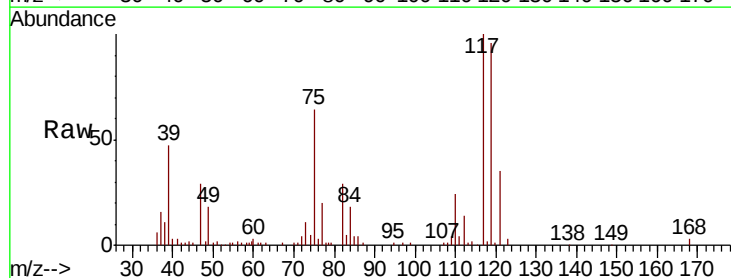
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD03

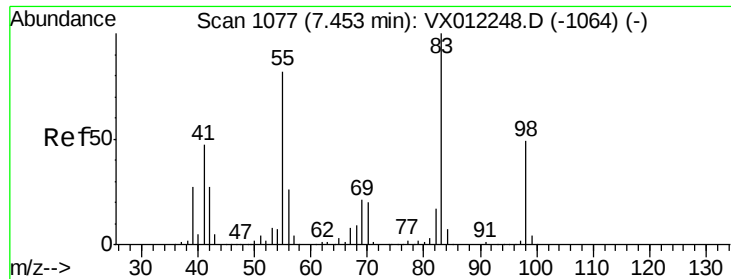
Tgt Ion: 43 Resp: 24746
Ion Ratio Lower Upper
43 100
61 12.3 10.3 15.5
70 13.5 9.1 13.7



#38
Carbon Tetrachloride
Concen: 20.190 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion: 117 Resp: 42746
Ion Ratio Lower Upper
117 100
119 95.5 79.6 119.4
121 34.7 24.7 37.1

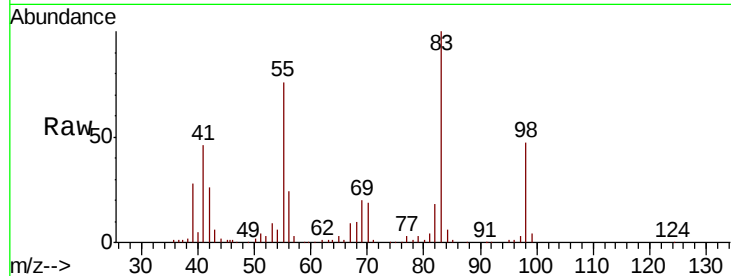




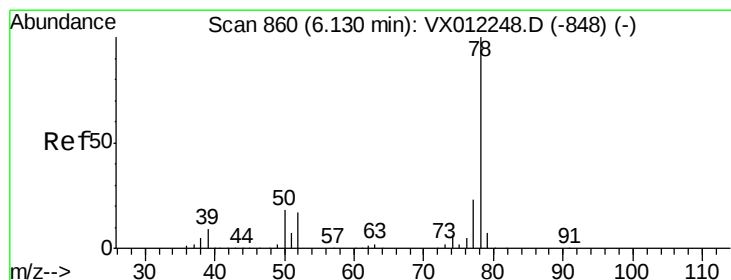
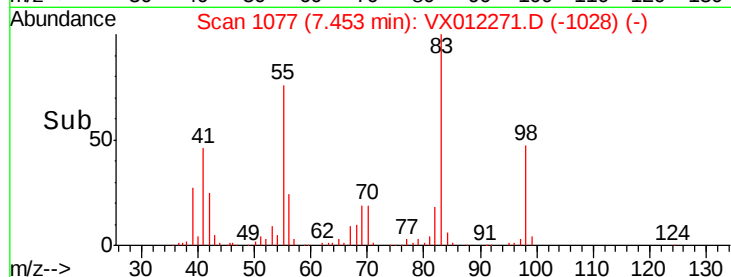
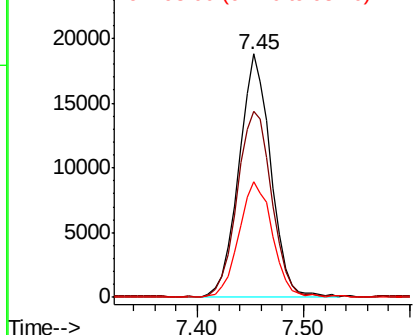
#39
Methylcyclohexane
Concen: 19.976 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

Tgt Ion: 83 Resp: 39559
Ion Ratio Lower Upper
83 100
55 76.0 65.4 98.2
98 47.2 39.6 59.4

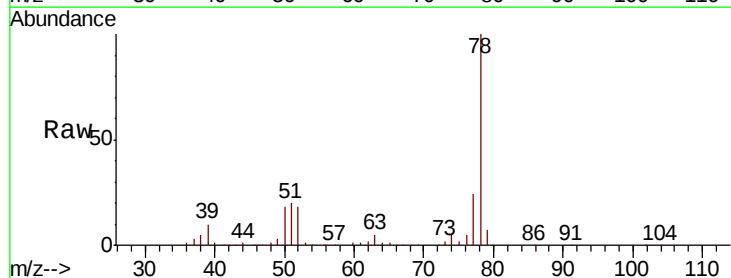


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

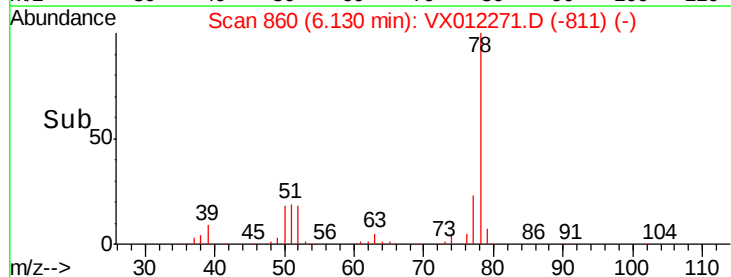
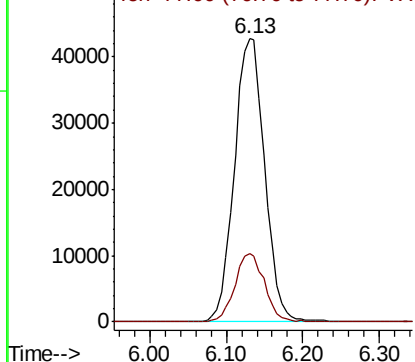


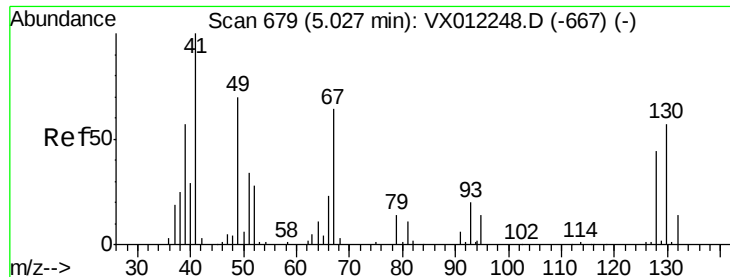
#40
Benzene
Concen: 21.508 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion: 78 Resp: 117462
Ion Ratio Lower Upper
78 100
77 24.0 18.0 27.0



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

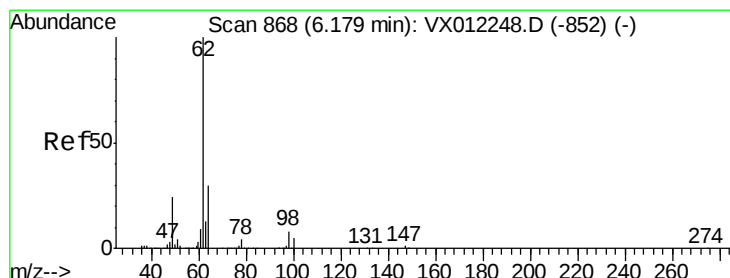
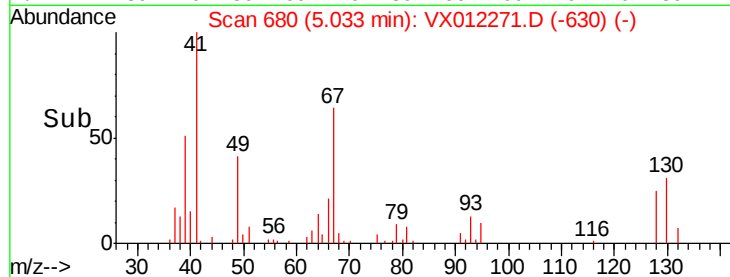
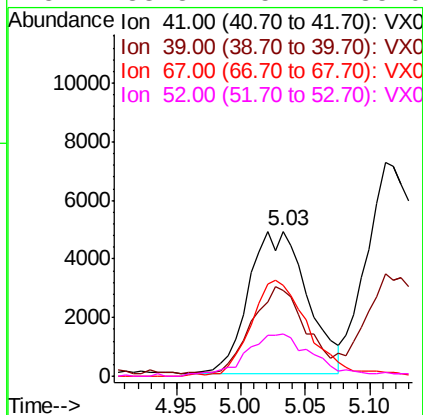
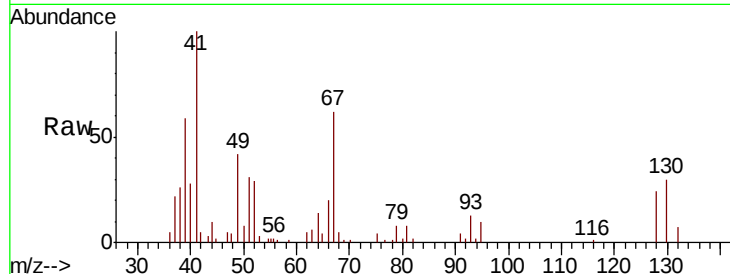




#41
Methacrylonitrile
Concen: 22.298 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

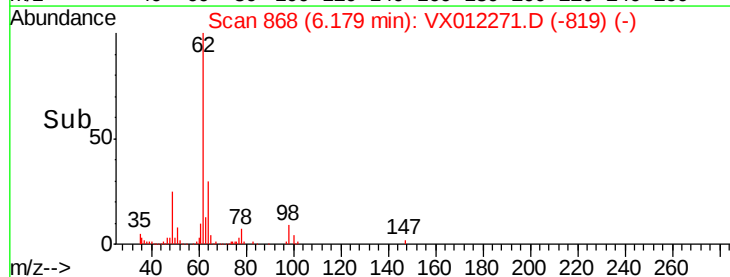
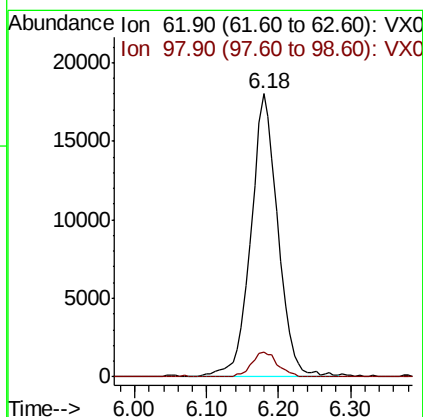
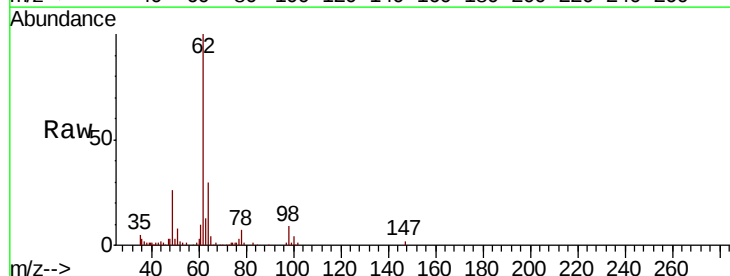
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD03

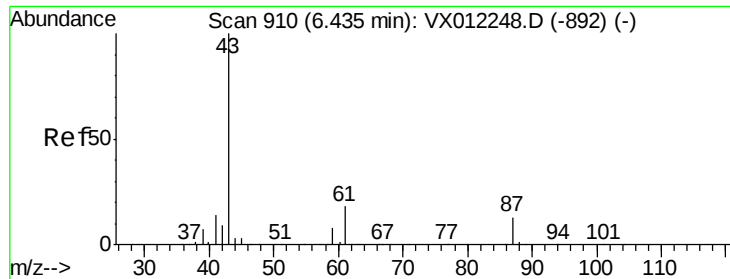
Tgt Ion:	41	Resp:	15334
Ion	Ratio	Lower	Upper
41	100		
39	56.4	49.0	73.4
67	67.2	55.0	82.4
52	33.8	25.4	38.0



#42
1,2-Dichloroethane
Concen: 21.860 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion:	62	Resp:	47186
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 21.625 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

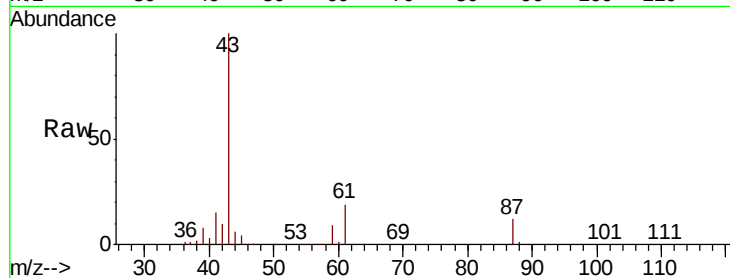
Tgt Ion: 43 Resp: 50856

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.2

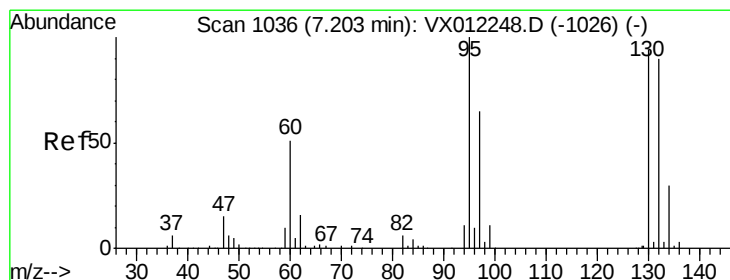
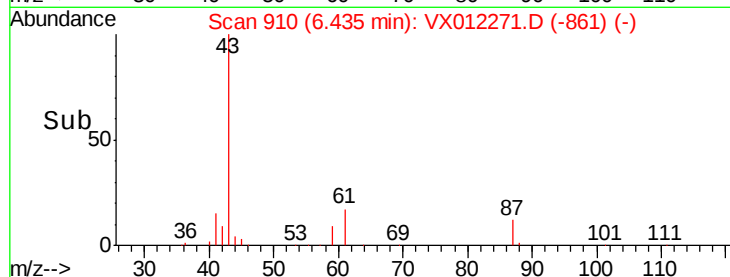
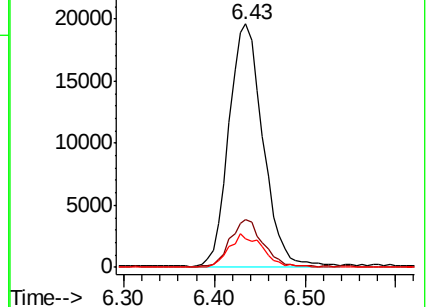
87 13.7 10.5 15.7



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: 20.975 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012271.D

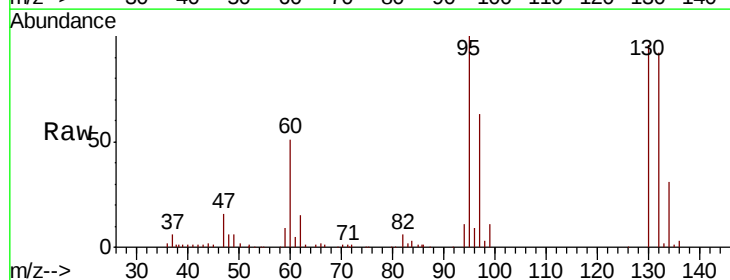
Acq: 10 Sep 2019 23:23

Tgt Ion: 130 Resp: 31001

Ion Ratio Lower Upper

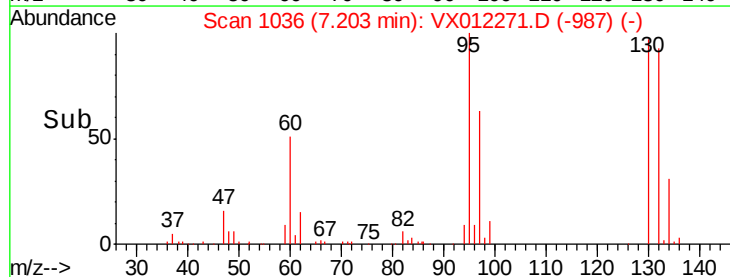
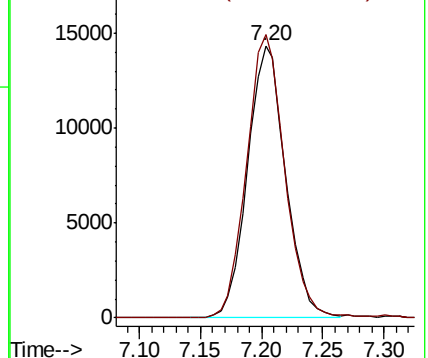
130 100

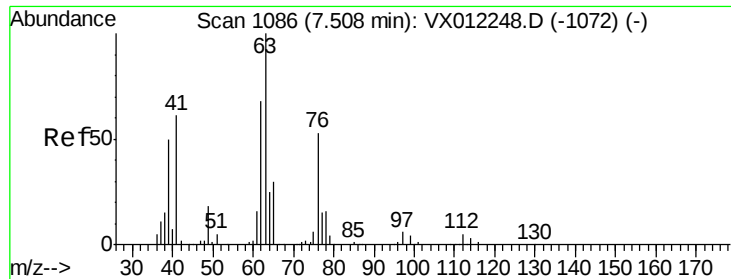
95 103.9 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.561 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

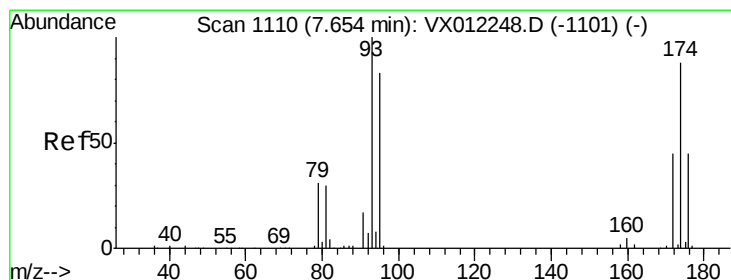
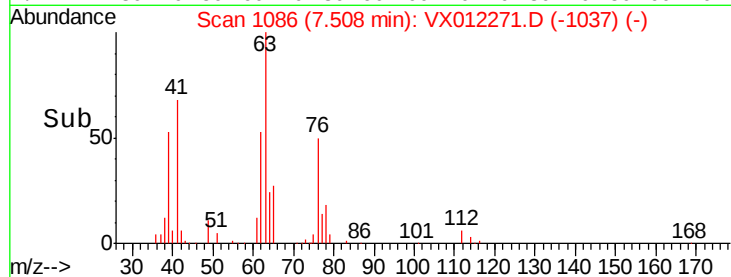
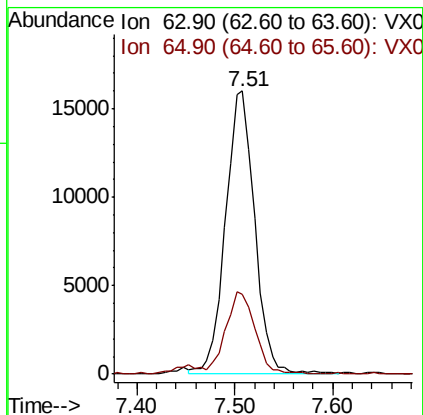
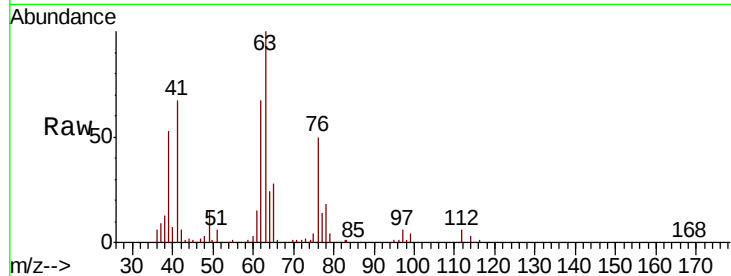
VX0910SBS03

Tgt Ion: 63 Resp: 32595

Ion Ratio Lower Upper

63 100

65 28.0 24.3 36.5



#46

Dibromomethane

Concen: 21.890 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

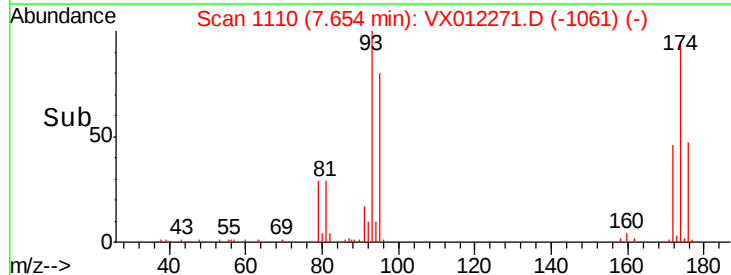
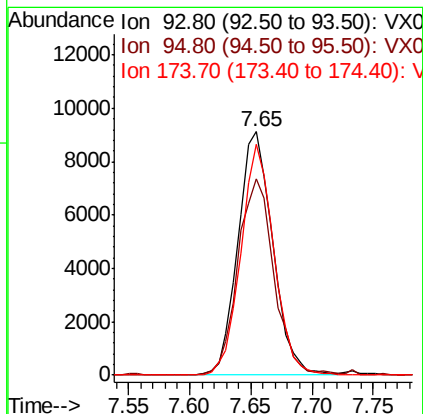
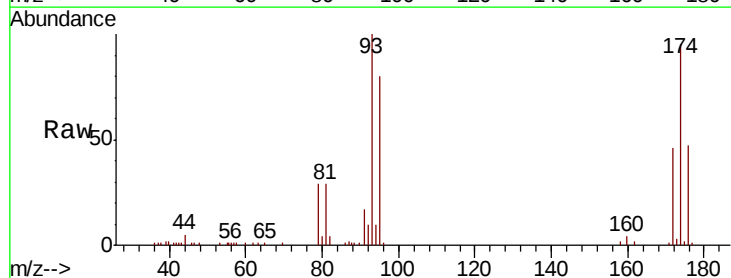
Tgt Ion: 93 Resp: 18086

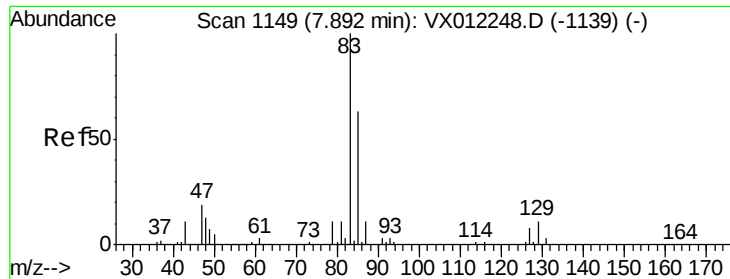
Ion Ratio Lower Upper

93 100

95 83.5 65.7 98.5

174 89.7 71.0 106.4





#47

Bromodichloromethane

Concen: 20.545 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBSD03

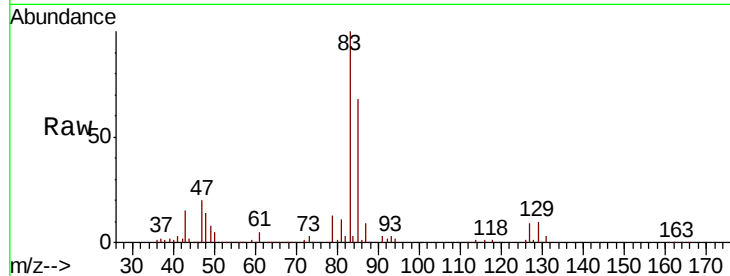
Tgt Ion: 83 Resp: 46323

Ion Ratio Lower Upper

83 100

85 68.2 50.2 75.4

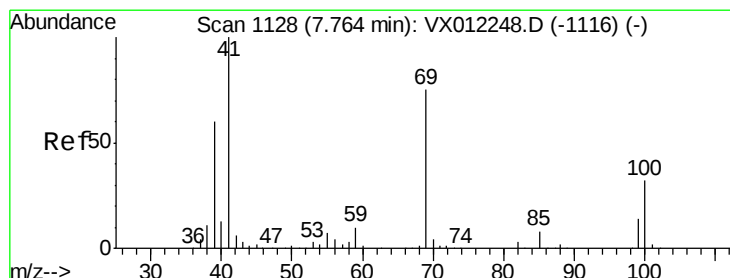
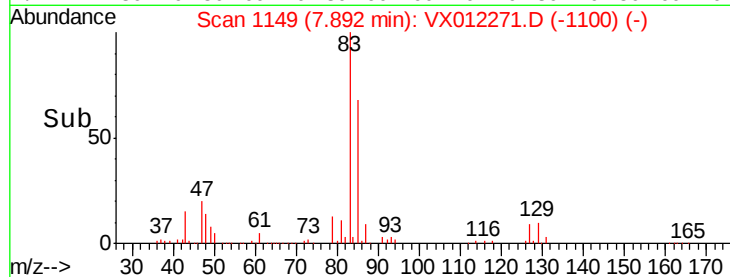
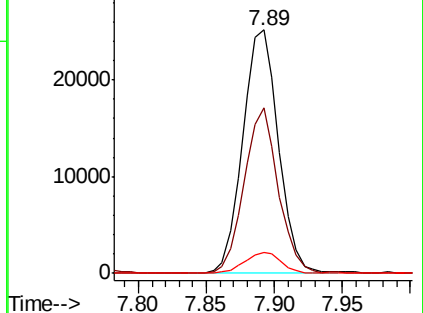
127 8.8 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.421 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

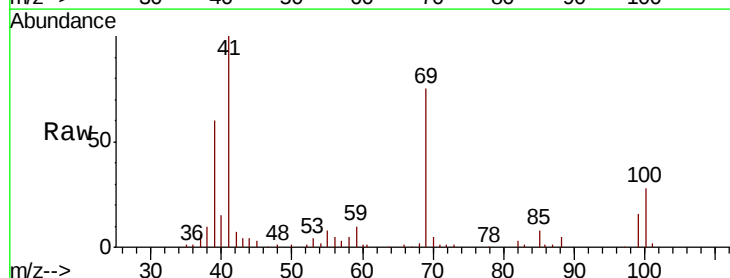
Tgt Ion: 41 Resp: 24113

Ion Ratio Lower Upper

41 100

69 78.8 61.8 92.6

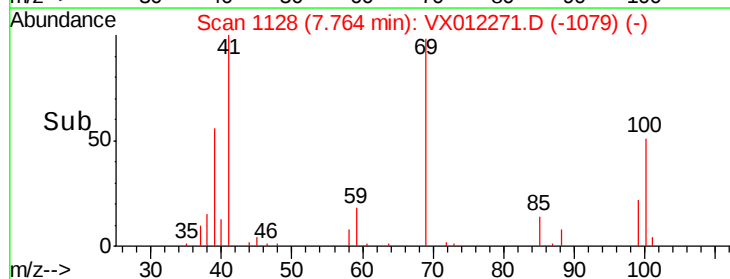
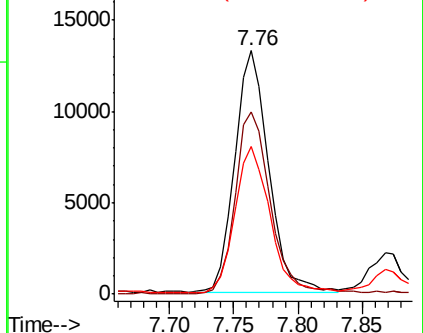
39 63.4 48.6 73.0

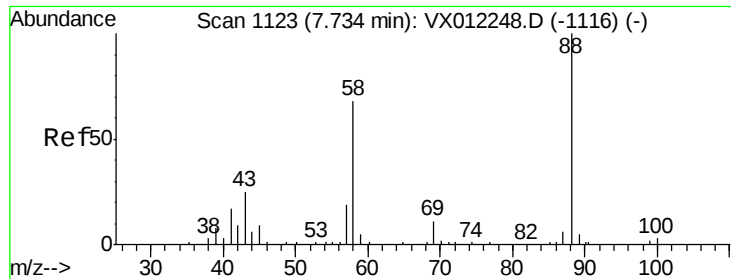


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

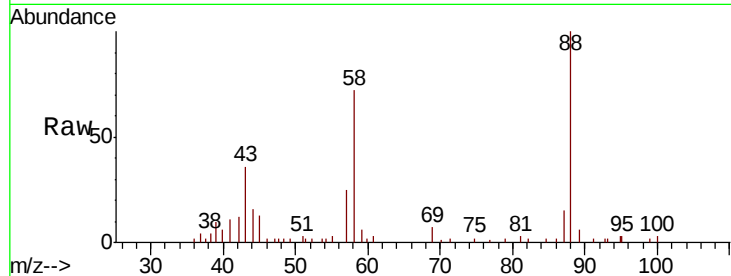




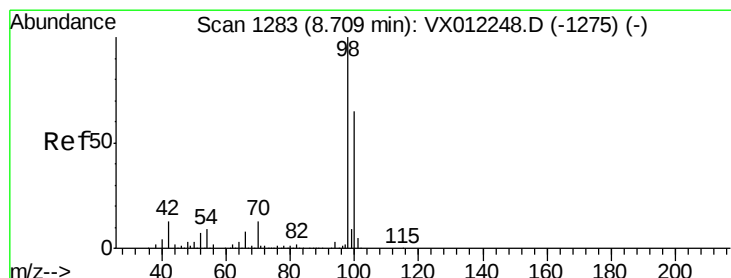
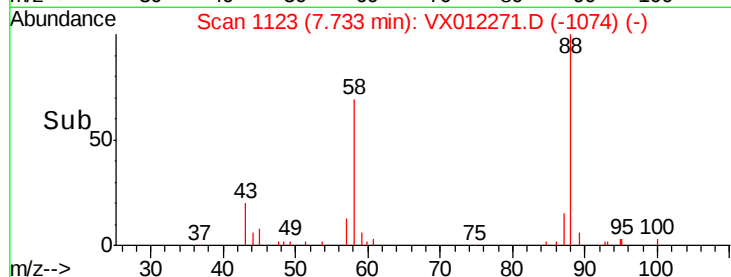
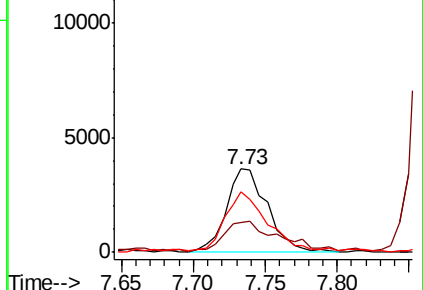
#49
1,4-Dioxane
Concen: 481.635 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampled :
VX0910SBSD03

Tgt Ion: 88 Resp: 7316
Ion Ratio Lower Upper
88 100
43 51.0 31.0 46.4#
58 71.7 61.5 92.3

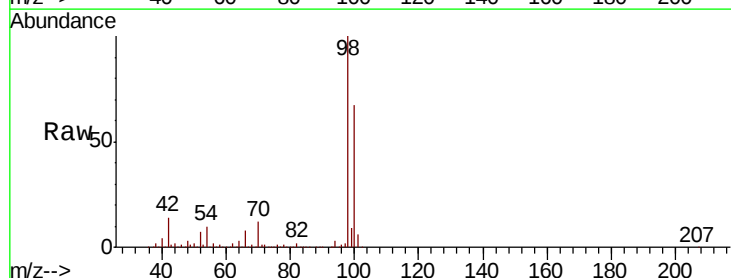


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

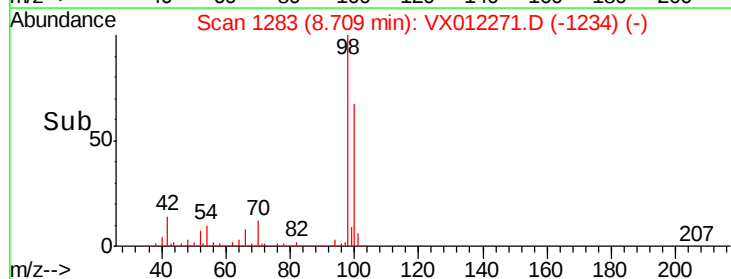
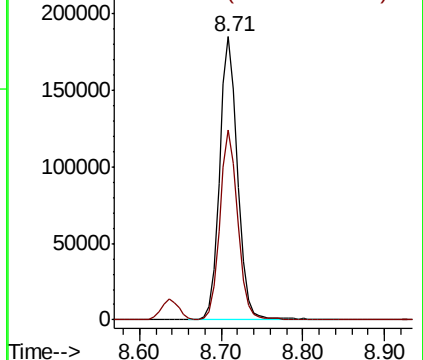


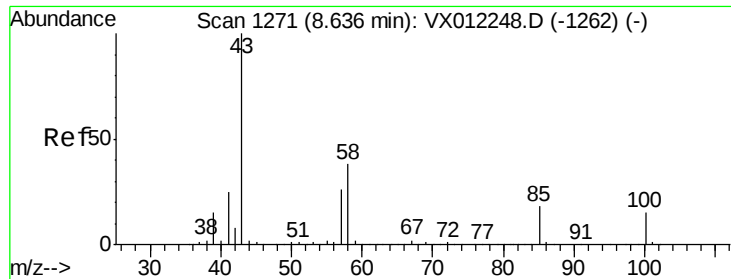
#50
Toluene-d8
Concen: 51.353 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion: 98 Resp: 285737
Ion Ratio Lower Upper
98 100
100 66.6 54.1 81.1



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





#51

4-Methyl-2-Pentanone

Concen: 106.841 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

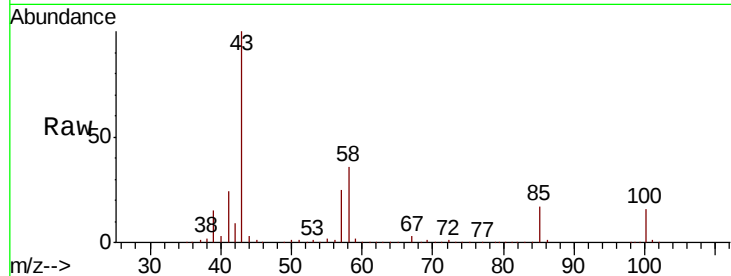
VX0910SBSD03

Tgt Ion: 43 Resp: 132612

Ion Ratio Lower Upper

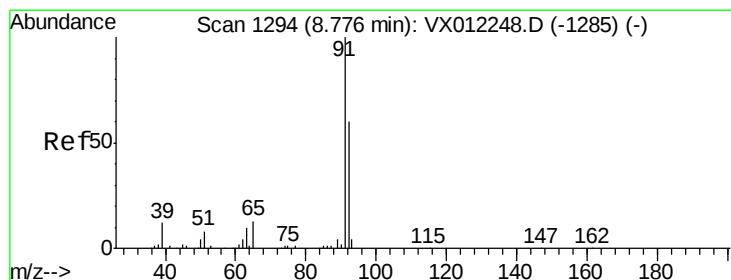
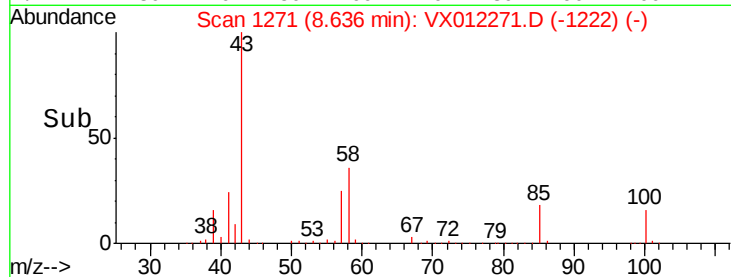
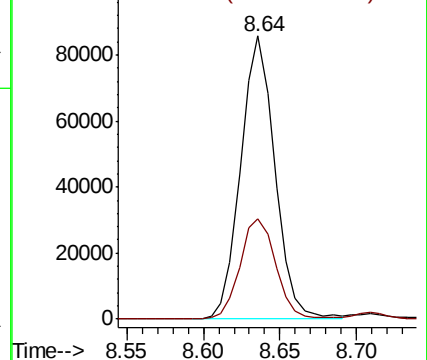
43 100

58 37.1 30.1 45.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.445 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012271.D

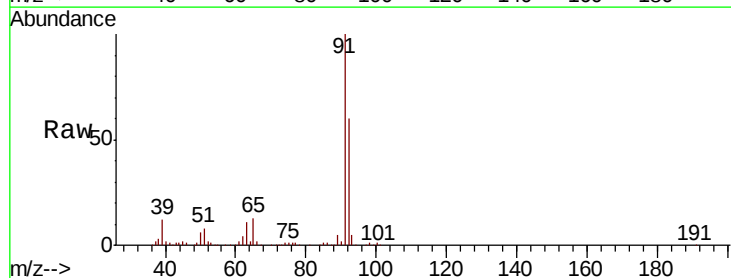
Acq: 10 Sep 2019 23:23

Tgt Ion: 92 Resp: 77359

Ion Ratio Lower Upper

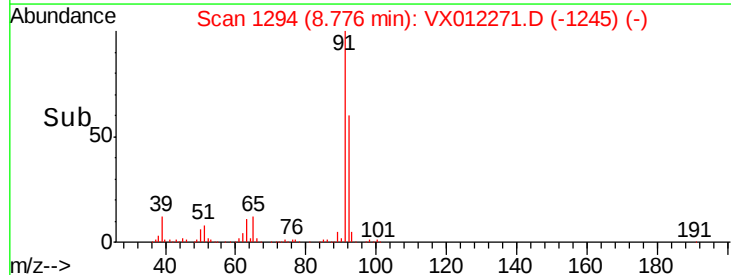
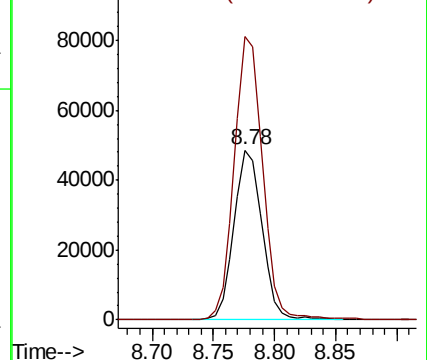
92 100

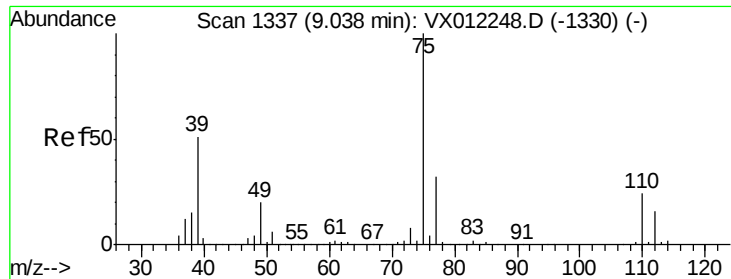
91 169.3 133.6 200.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

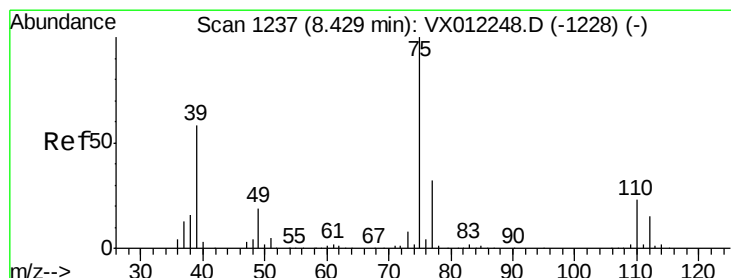
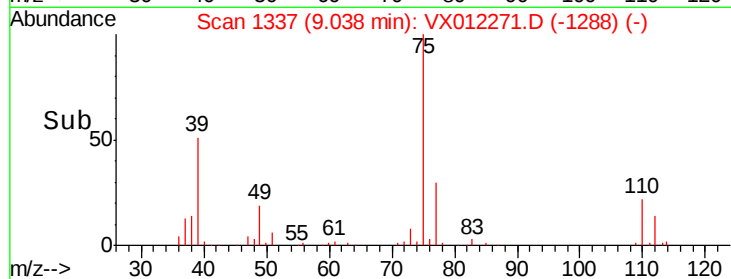
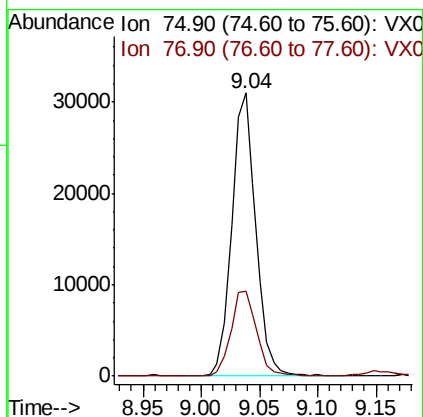
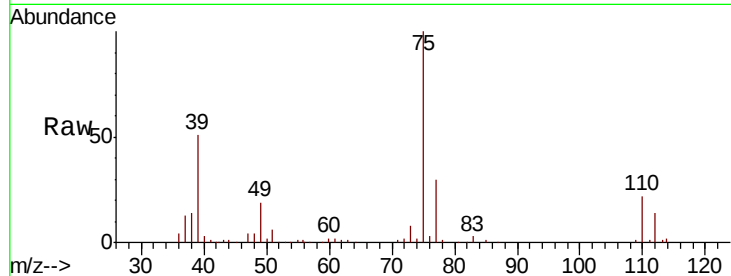




#53
t-1,3-Dichloropropene
Concen: 19.628 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

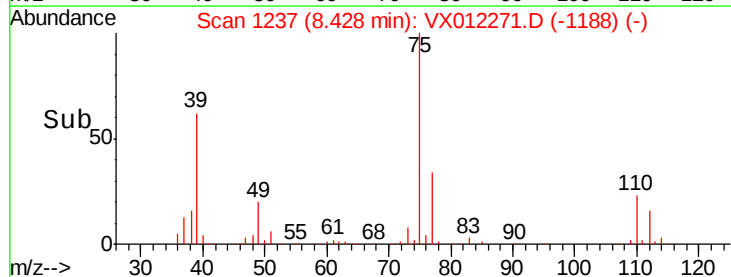
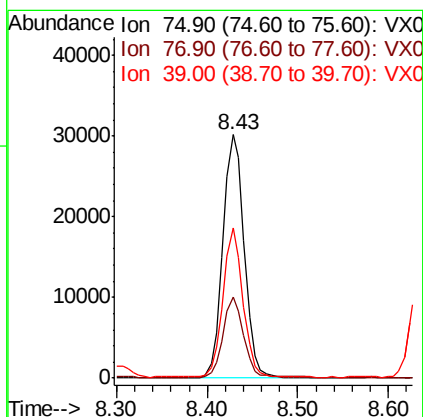
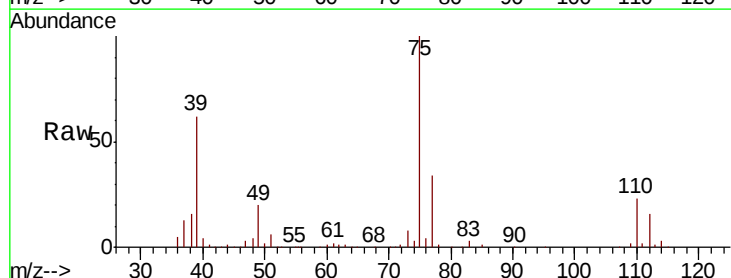
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD03

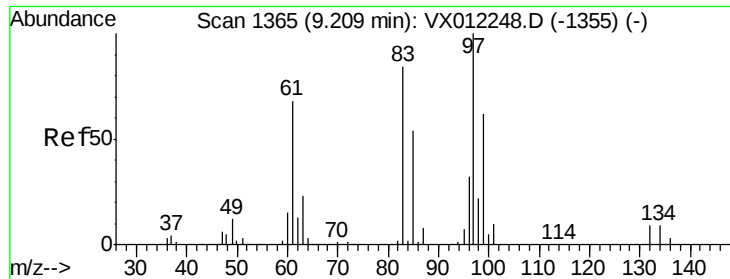
Tgt Ion: 75 Resp: 44172
Ion Ratio Lower Upper
75 100
77 30.2 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 19.975 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion: 75 Resp: 49846
Ion Ratio Lower Upper
75 100
77 33.3 25.4 38.2
39 61.6 46.5 69.7

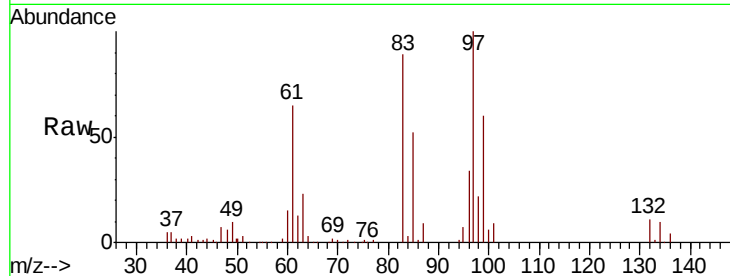




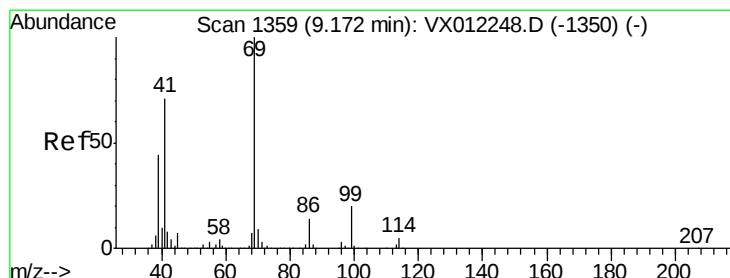
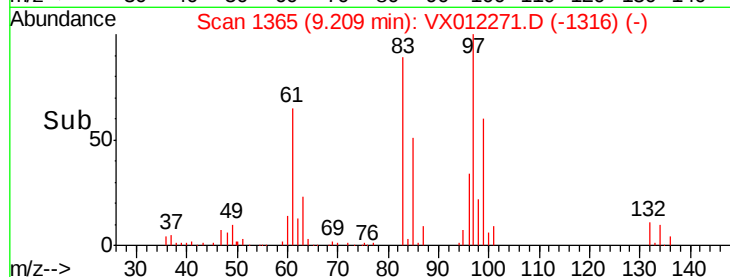
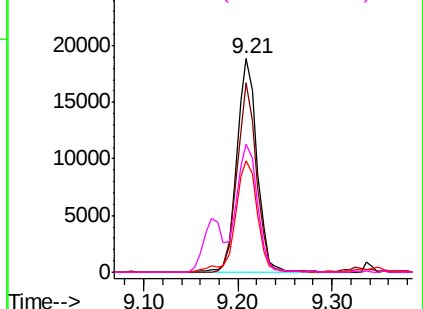
#55
 1,1,2-Trichloroethane
 Concen: 21.804 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD03

Tgt Ion:	97	Resp:	27909
Ion	Ratio	Lower	Upper
97	100		
83	88.9	67.4	101.2
85	52.1	43.4	65.2
99	60.2	49.8	74.6

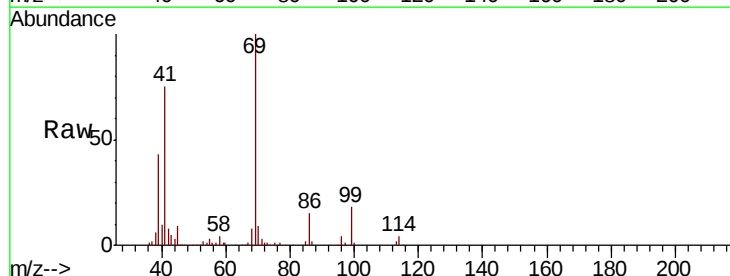


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

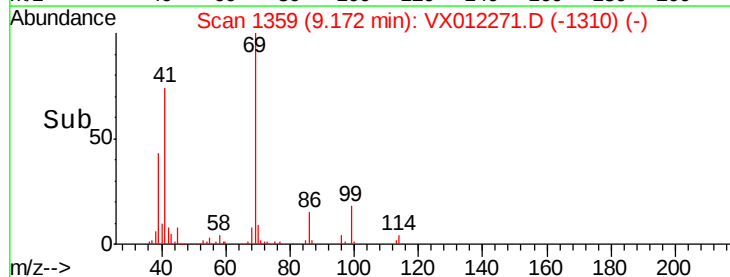
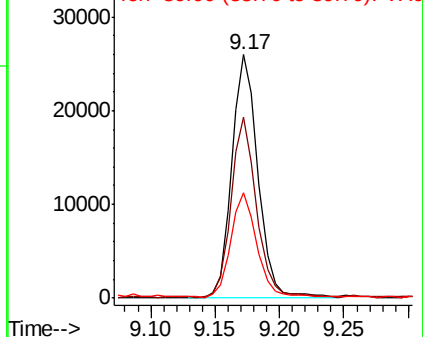


#56
 Ethyl methacrylate
 Concen: 21.396 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion:	69	Resp:	37081
Ion	Ratio	Lower	Upper
69	100		
41	71.6	57.7	86.5
39	42.2	34.0	51.0



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

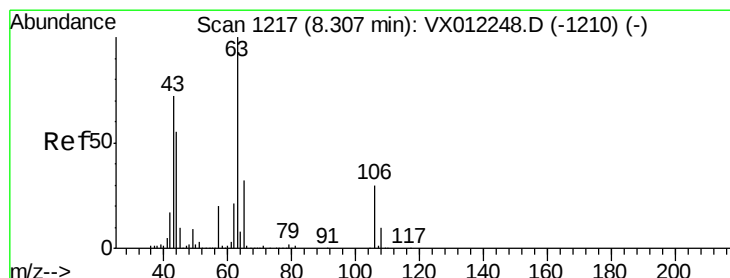
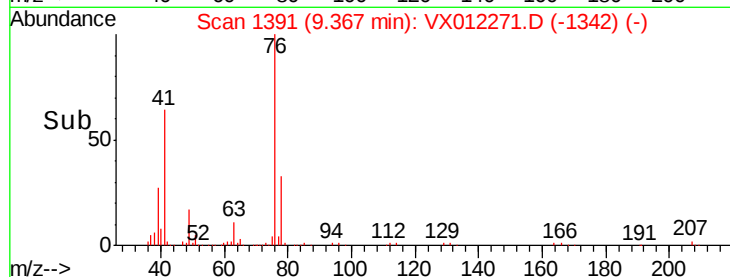
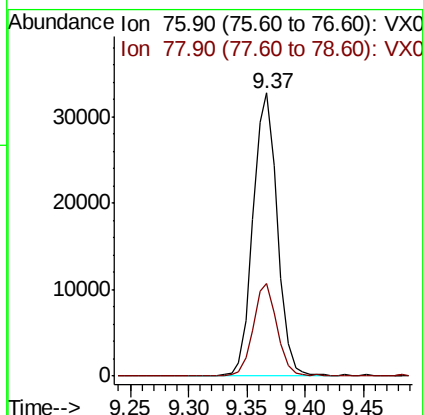
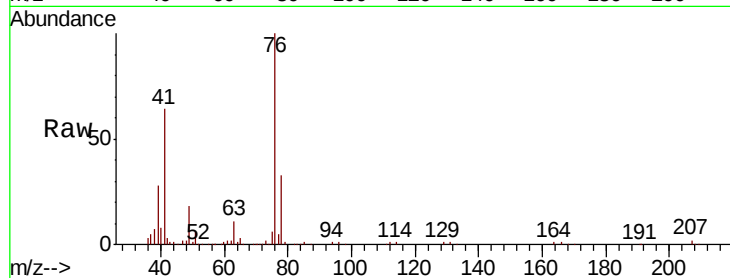




#57
 1,3-Dichloropropane
 Concen: 21.865 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

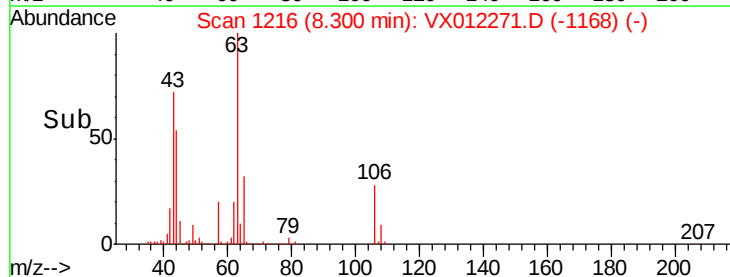
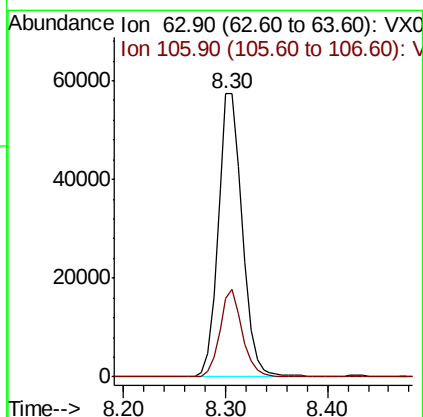
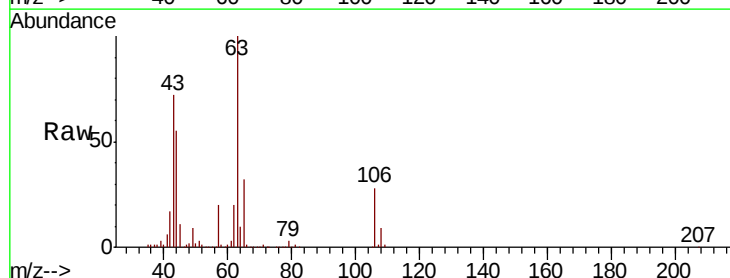
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD03

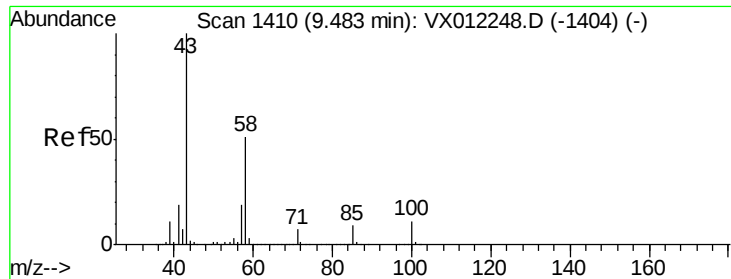
Tgt Ion: 76 Resp: 47801
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.541 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion: 63 Resp: 93749
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.4 35.2

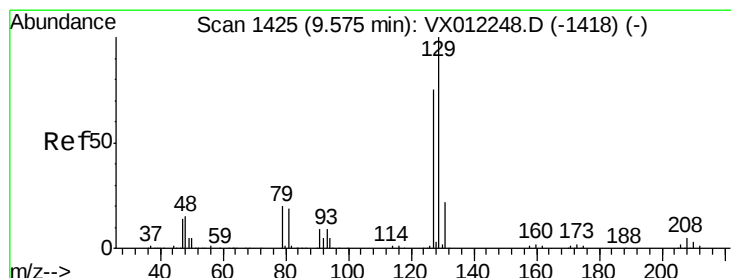
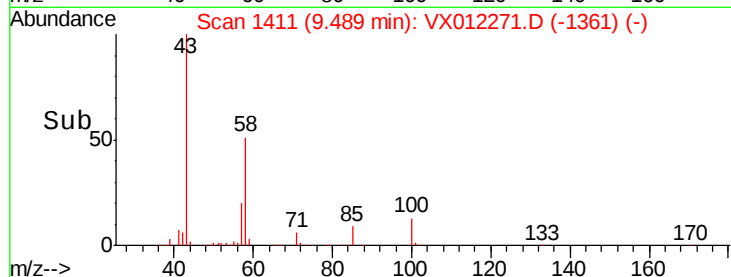
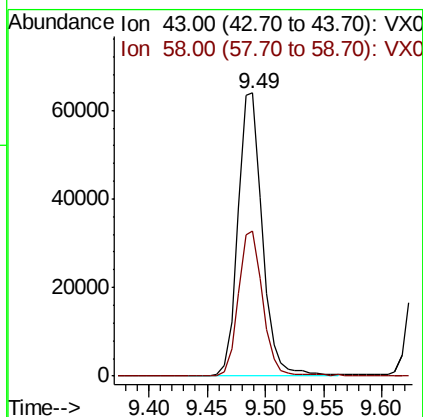
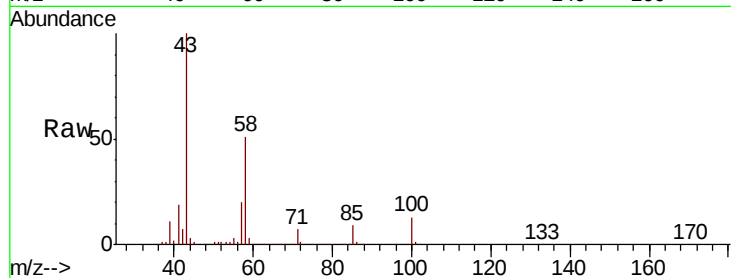




#59
2-Hexanone
Concen: 107.956 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

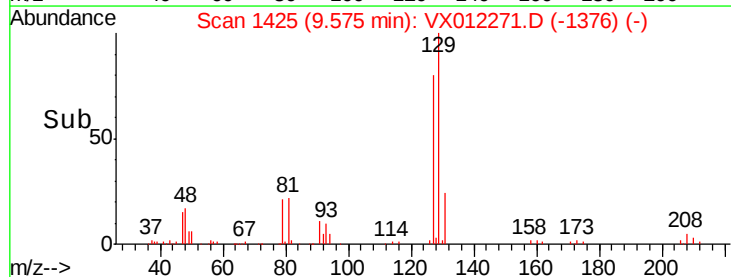
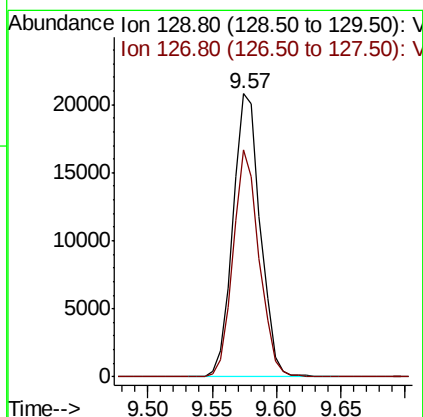
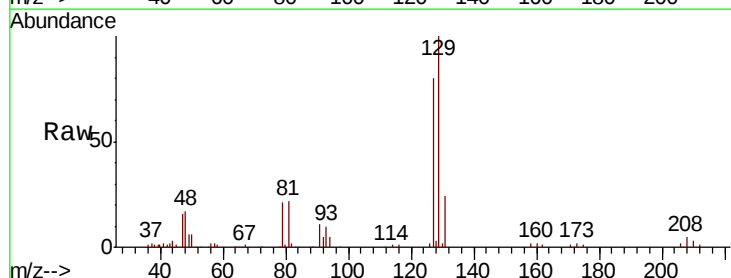
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD03

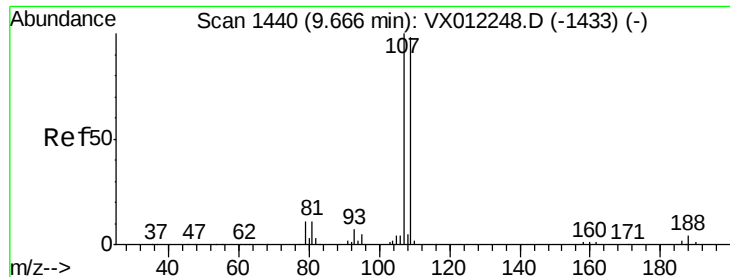
Tgt Ion: 43 Resp: 93168
Ion Ratio Lower Upper
43 100
58 52.2 25.8 77.3



#60
Dibromochloromethane
Concen: 20.619 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion: 129 Resp: 30812
Ion Ratio Lower Upper
129 100
127 76.3 38.1 114.3





#61

1,2-Dibromoethane

Concen: 21.817 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

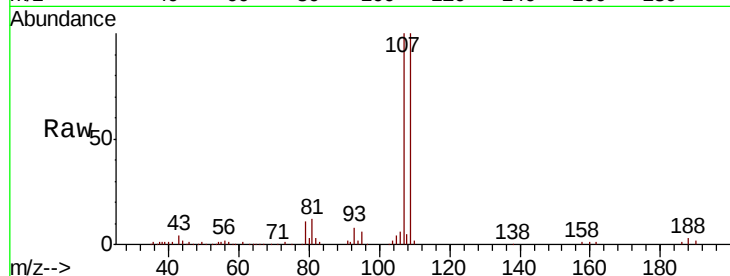
VX0910SBSD03

Tgt Ion: 107 Resp: 25995

Ion Ratio Lower Upper

107 100

109 93.0 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

20000

15000

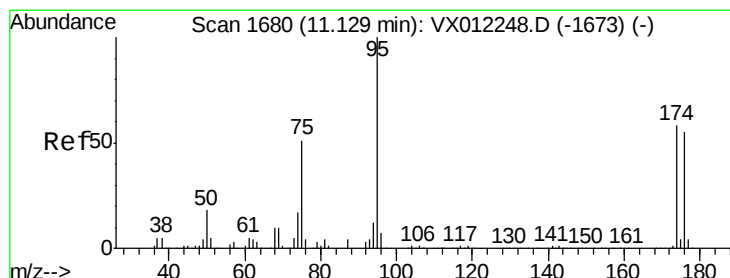
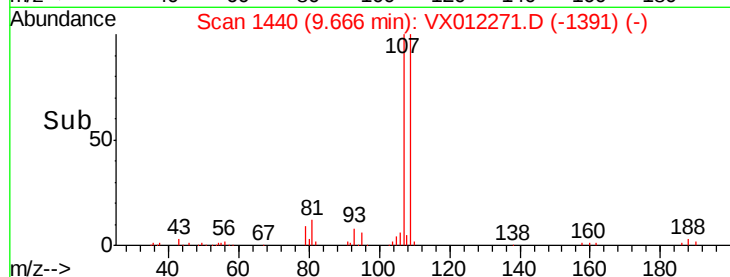
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.102 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

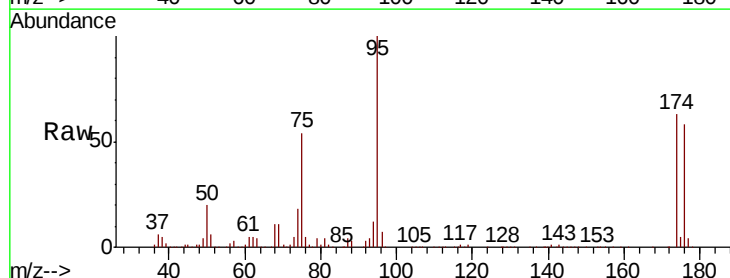
Tgt Ion: 95 Resp: 121503

Ion Ratio Lower Upper

95 100

174 66.0 0.0 127.0

176 61.9 0.0 125.8



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

120000

100000

80000

60000

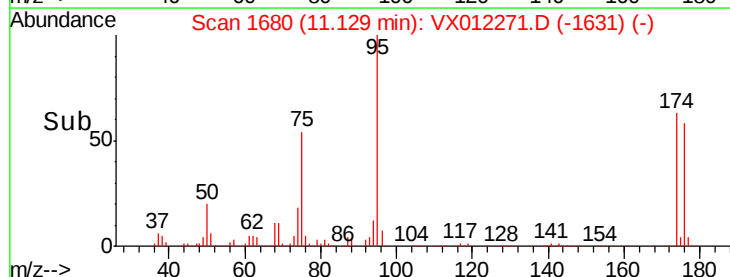
40000

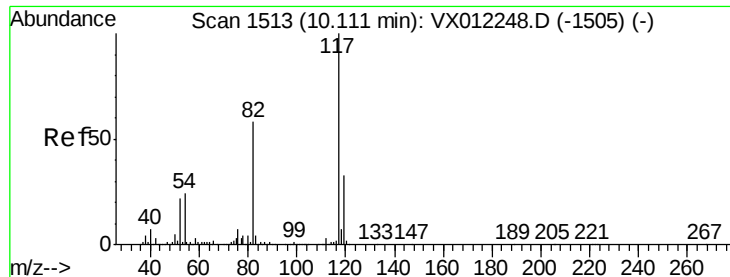
20000

0

Time-->

11.10 11.20

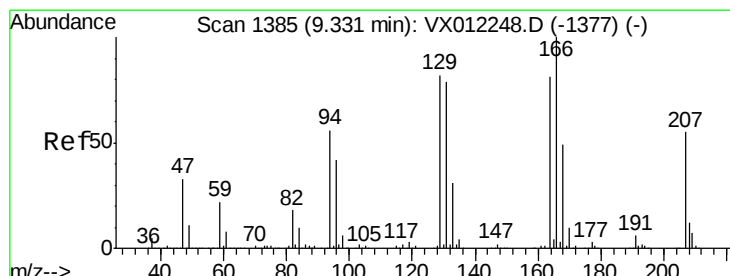
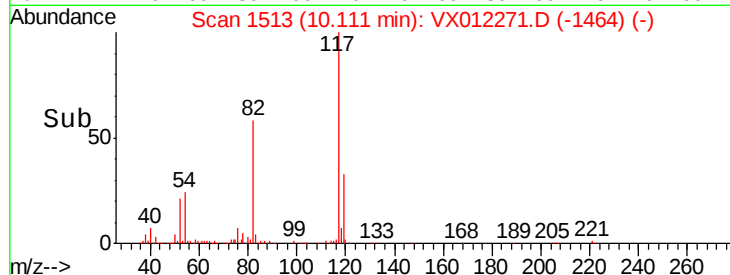
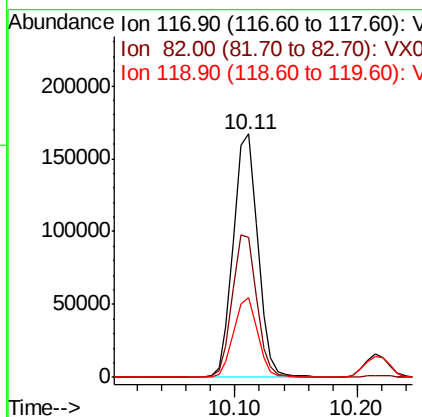
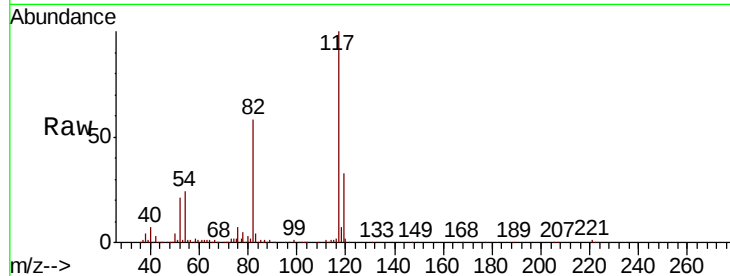




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

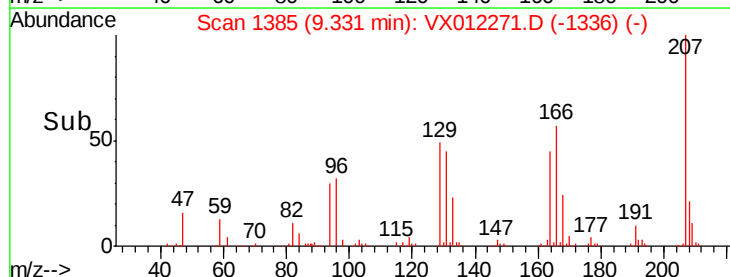
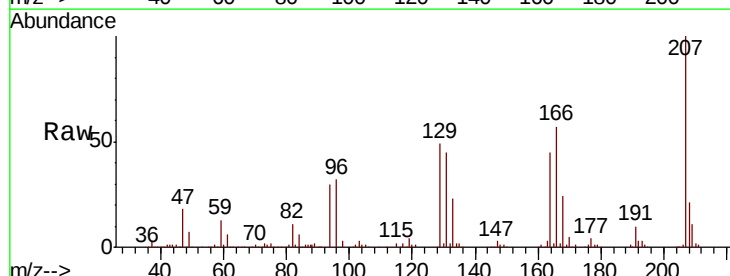
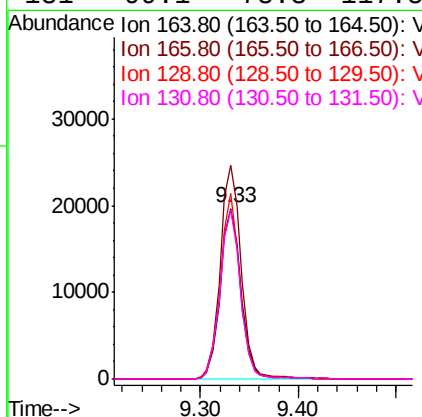
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD03

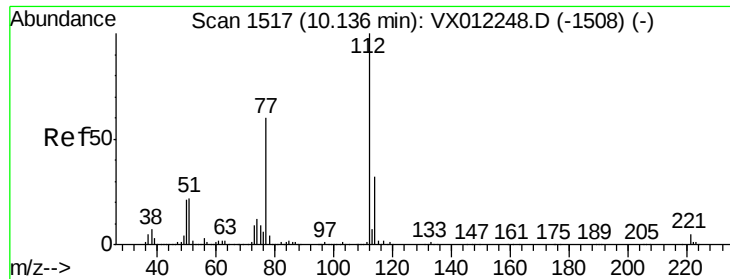
Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.4	69.6
119	32.8	26.6	39.8



#64
Tetrachloroethene
Concen: 23.726 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	99.4	149.0
129	108.5	81.8	122.8
131	99.1	78.3	117.5

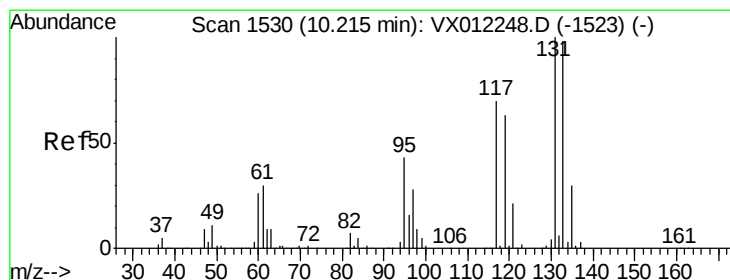
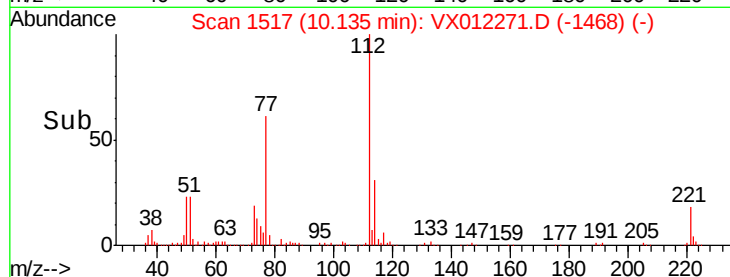
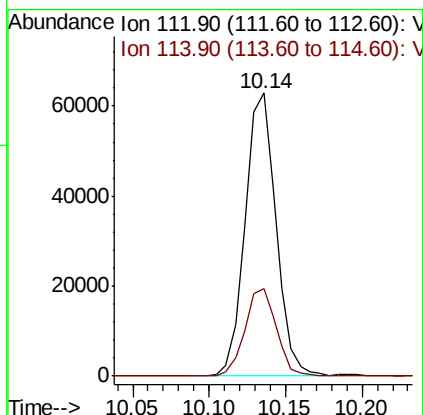
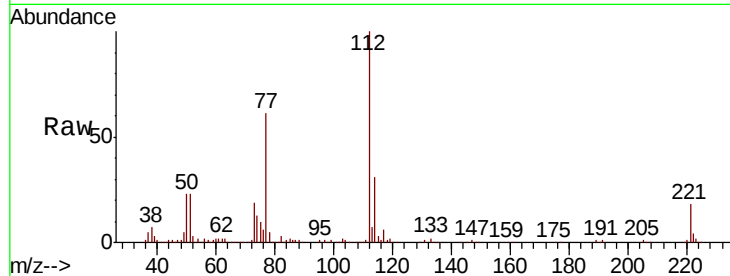




#65
Chlorobenzene
Concen: 20.814 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

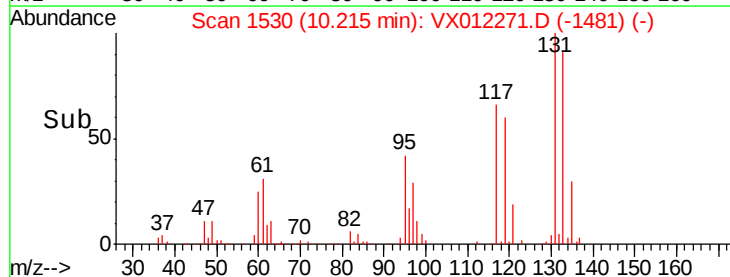
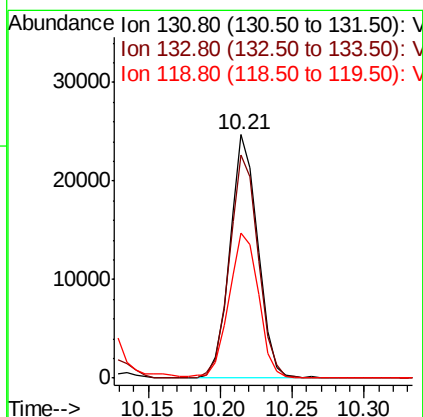
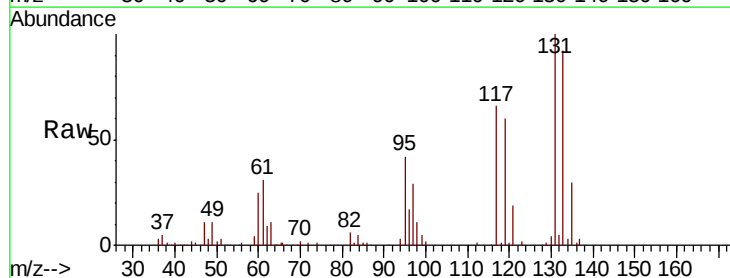
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

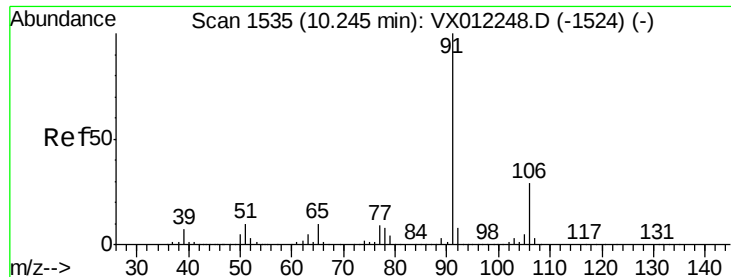
Tgt Ion:112 Resp: 88356
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.061 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion:131 Resp: 33703
Ion Ratio Lower Upper
131 100
133 94.2 48.0 144.2
119 63.3 31.6 95.0

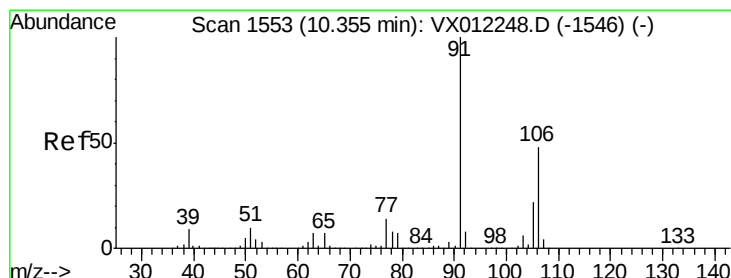
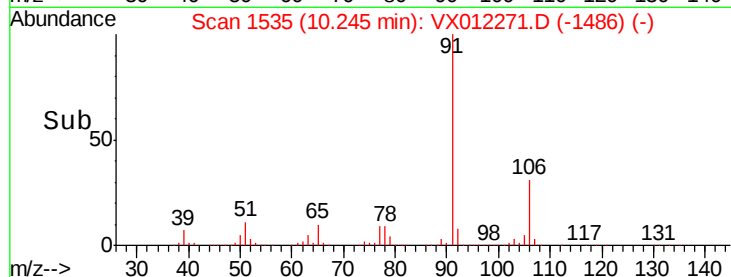
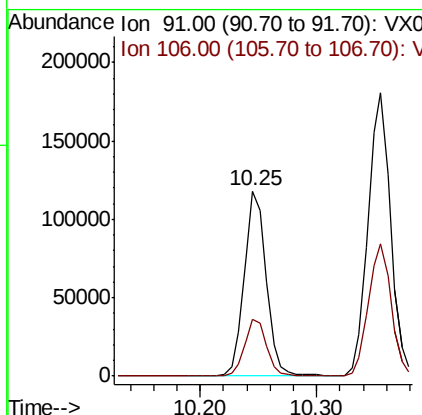
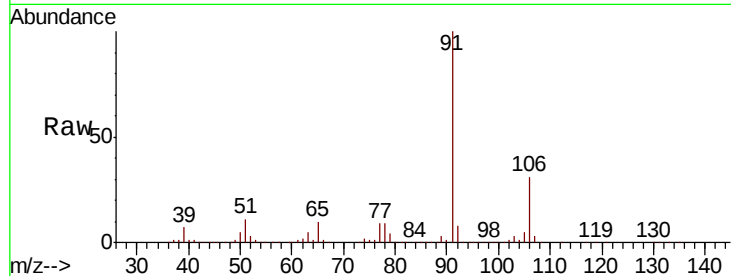




#67
Ethyl Benzene
Concen: 20.776 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

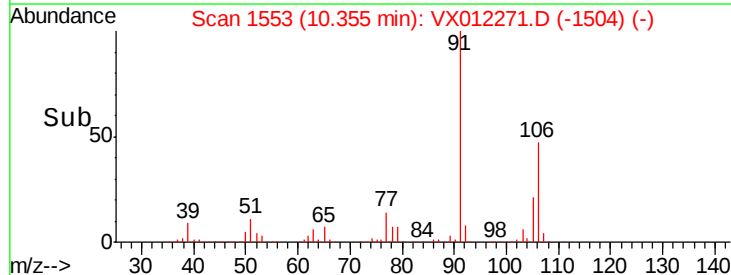
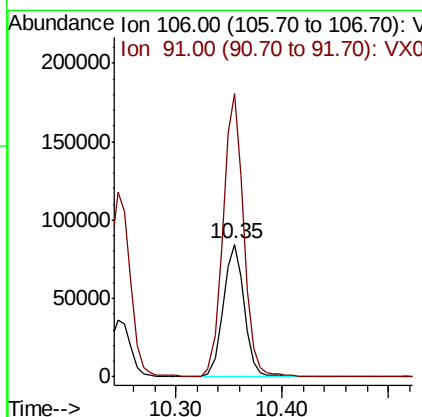
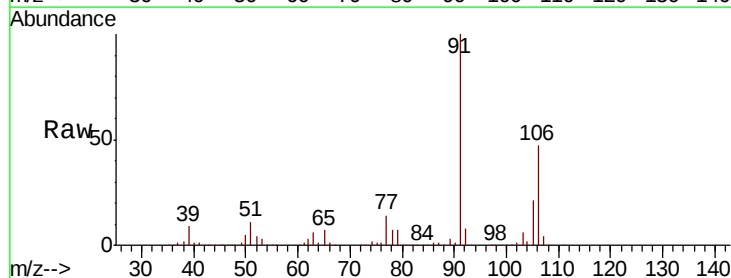
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

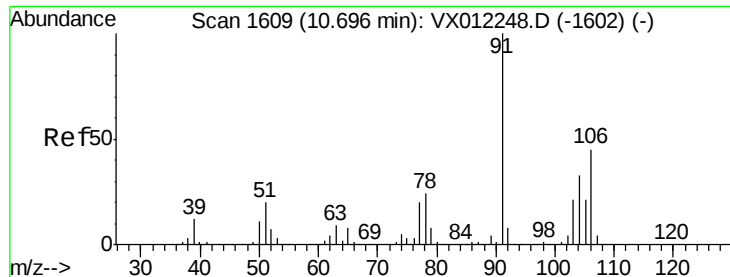
Tgt Ion: 91 Resp: 156860
Ion Ratio Lower Upper
91 100
106 30.6 23.1 34.7



#68
m/p-Xylenes
Concen: 41.864 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion: 106 Resp: 116354
Ion Ratio Lower Upper
106 100
91 209.0 167.0 250.6

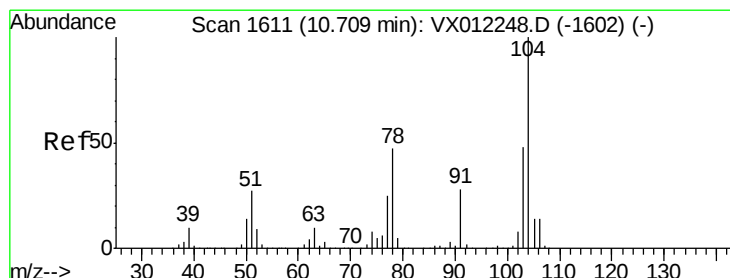
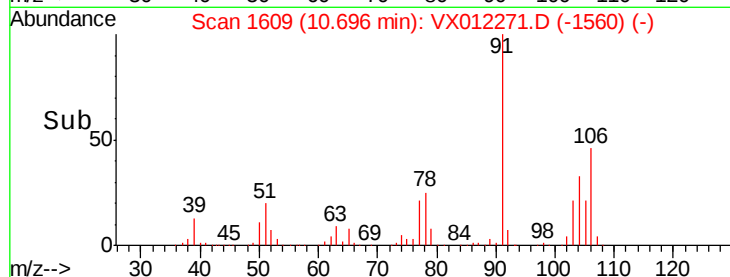
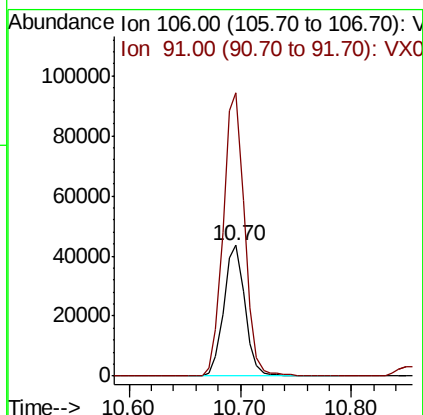
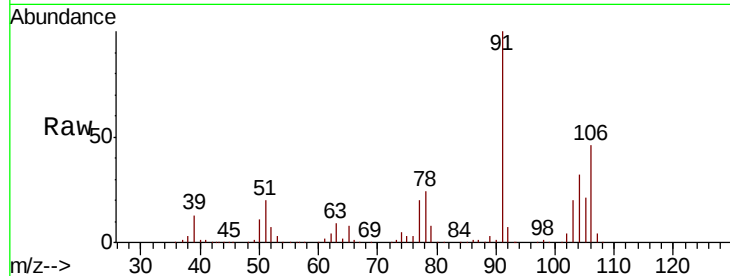




#69
o-Xylene
Concen: 21.071 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

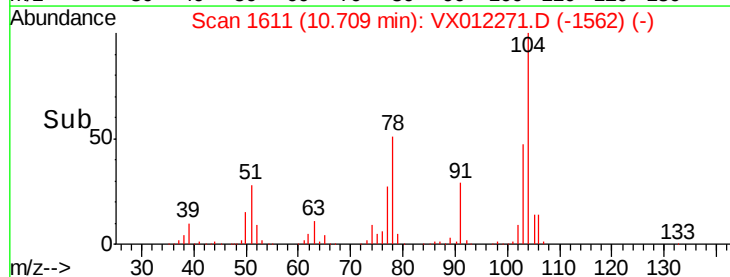
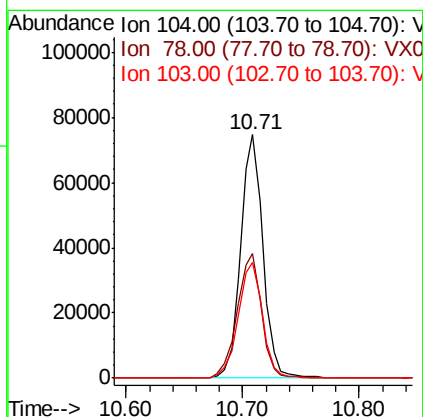
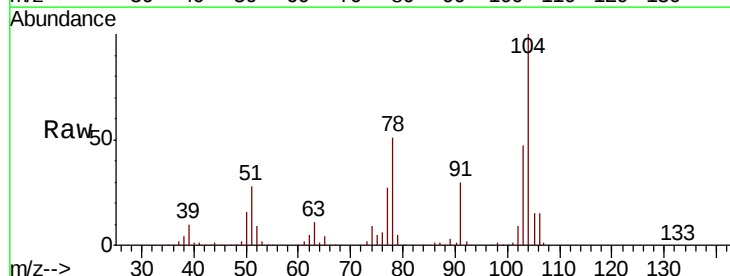
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD03

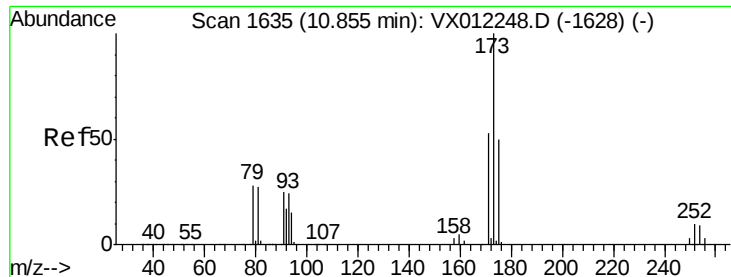
Tgt Ion:106 Resp: 57370
Ion Ratio Lower Upper
106 100
91 218.0 110.5 331.4



#70
Styrene
Concen: 20.708 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion:104 Resp: 99991
Ion Ratio Lower Upper
104 100
78 56.0 44.2 66.2
103 52.2 42.5 63.7

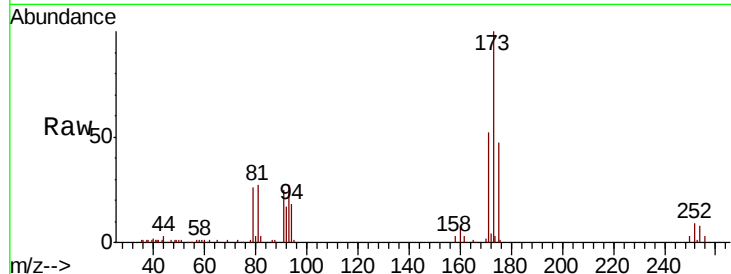




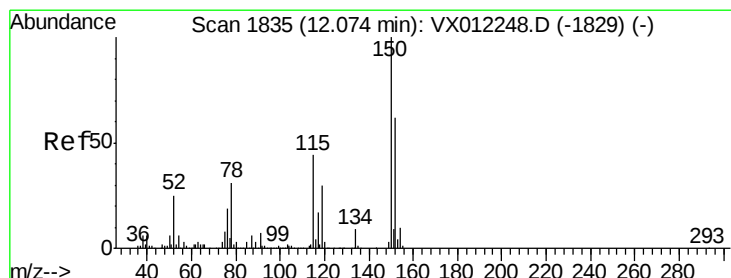
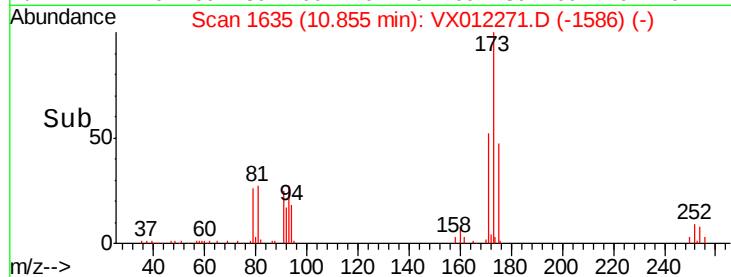
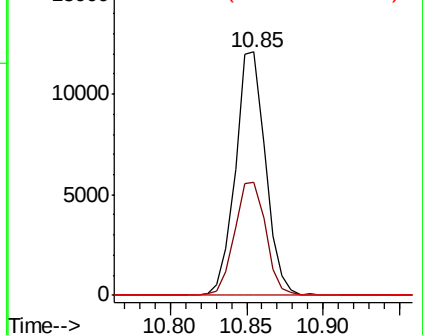
#71
Bromoform
Concen: 19.924 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD03

Tgt Ion:173 Resp: 16533
Ion Ratio Lower Upper
173 100
175 47.7 24.5 73.5
254 0.0 0.2 0.4#

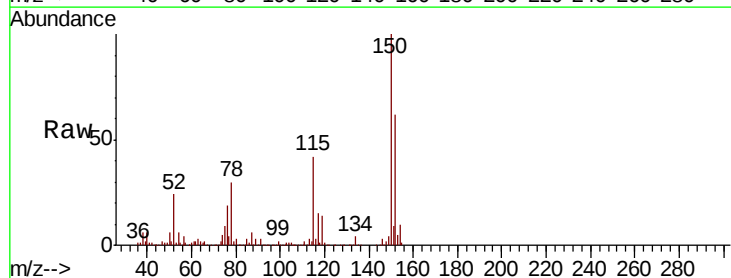


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

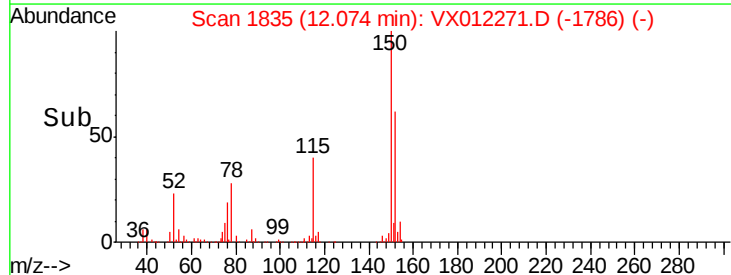
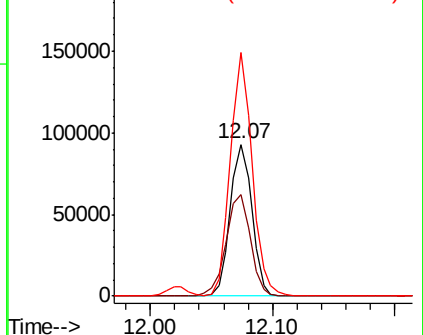


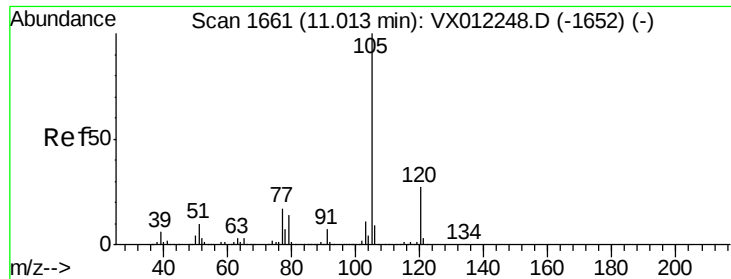
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion:152 Resp: 113570
Ion Ratio Lower Upper
152 100
115 75.4 45.5 136.4
150 161.2 0.0 346.4



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: 20.938 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

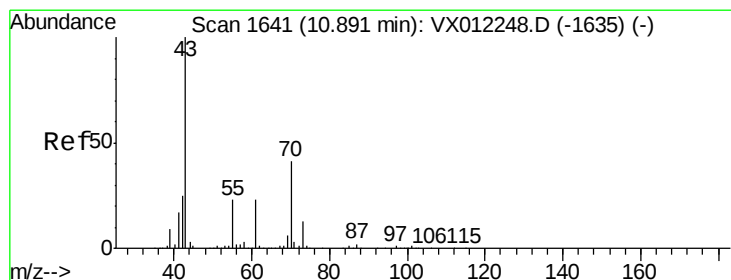
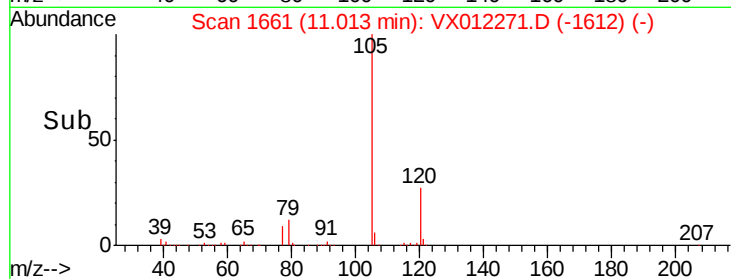
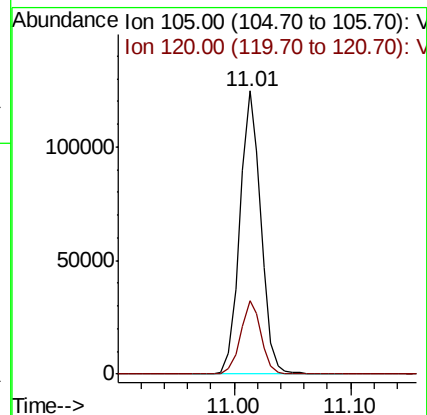
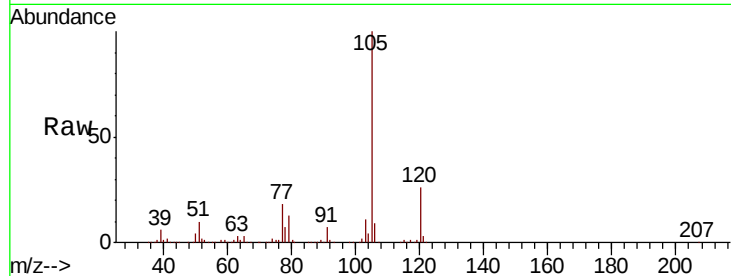
VX0910SBSD03

Tgt Ion: 105 Resp: 156549

Ion Ratio Lower Upper

105 100

120 25.5 13.2 39.5



#74

N-ethyl acetate

Concen: 20.605 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Tgt Ion: 43 Resp: 45807

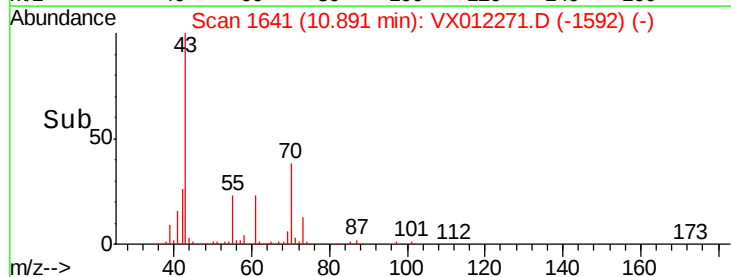
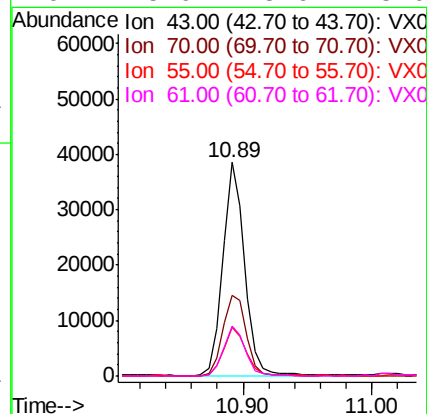
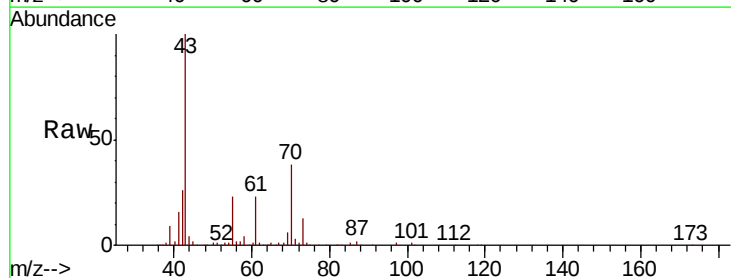
Ion Ratio Lower Upper

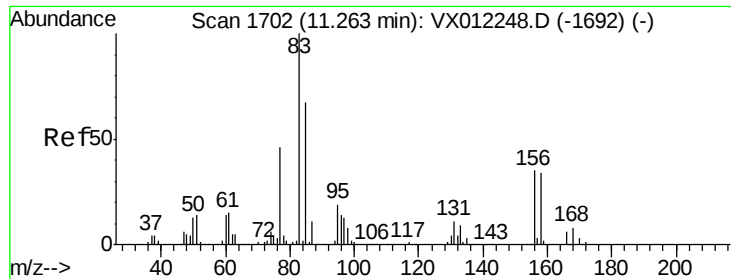
43 100

70 41.5 32.9 49.3

55 24.1 19.1 28.7

61 23.9 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.357 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBSD03

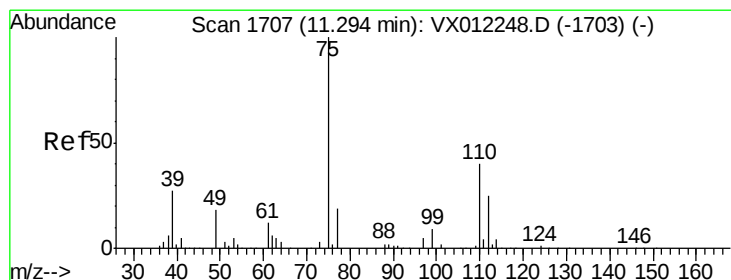
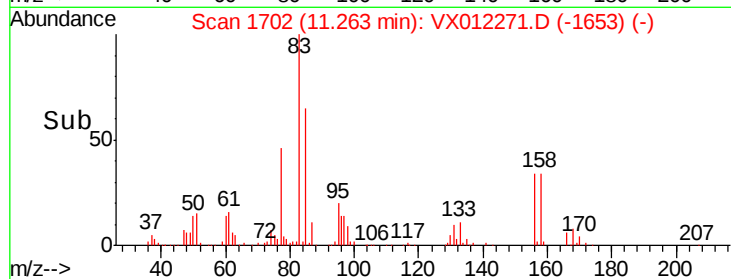
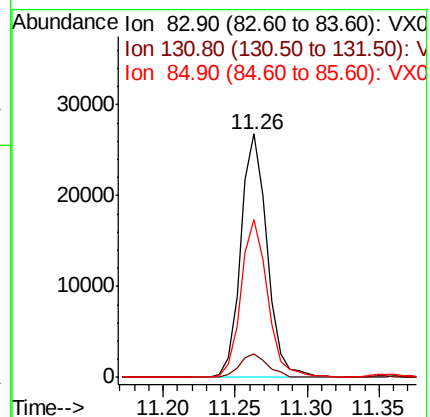
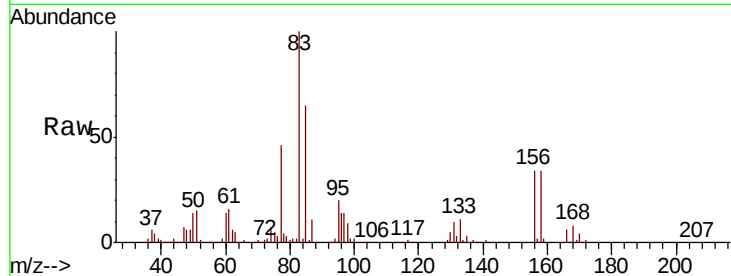
Tgt Ion: 83 Resp: 34293

Ion Ratio Lower Upper

83 100

131 10.3 5.5 16.4

85 65.7 32.8 98.4



#76

1,2,3-Trichloropropane

Concen: 25.765 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012271.D

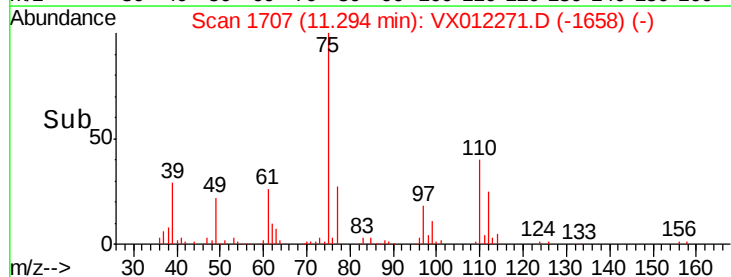
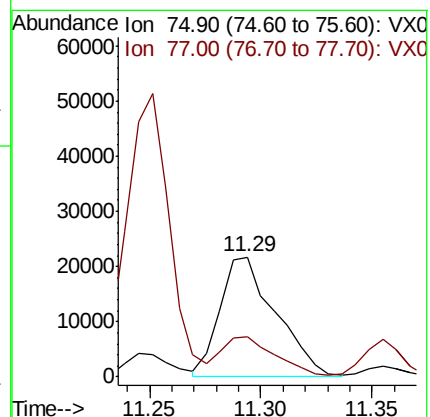
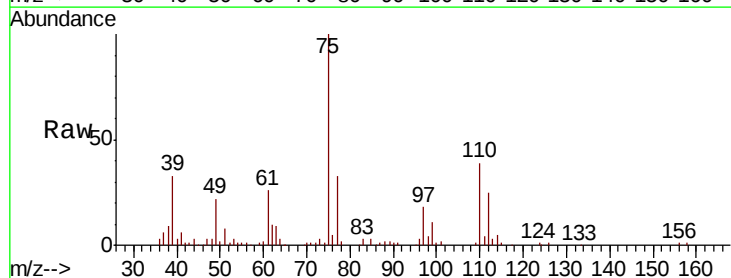
Acq: 10 Sep 2019 23:23

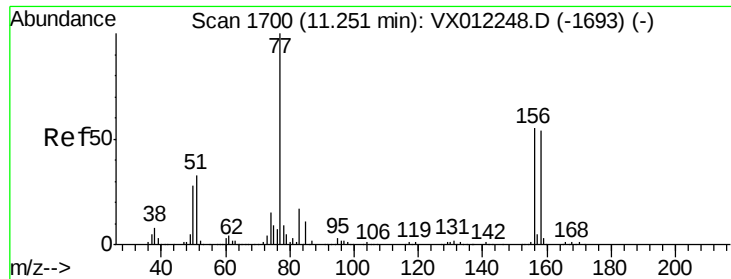
Tgt Ion: 75 Resp: 37590

Ion Ratio Lower Upper

75 100

77 32.1 19.7 59.0

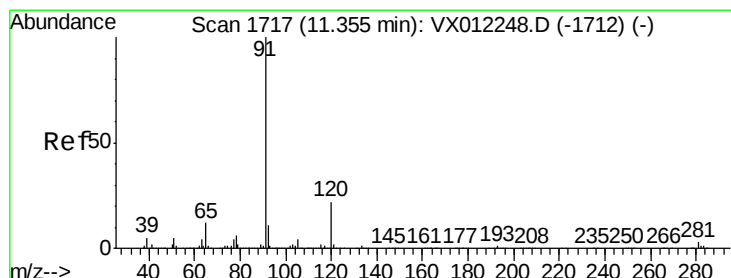
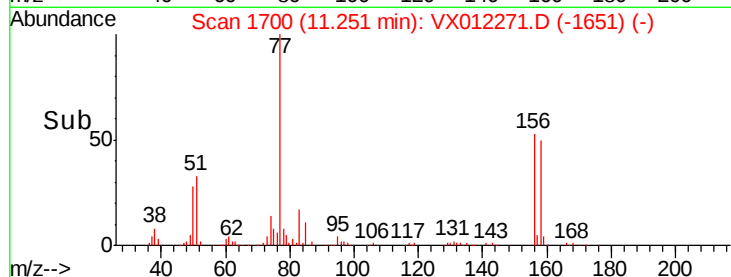
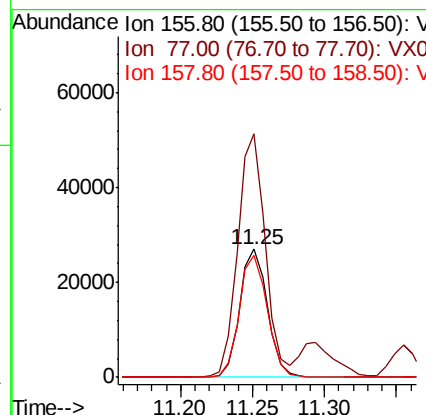
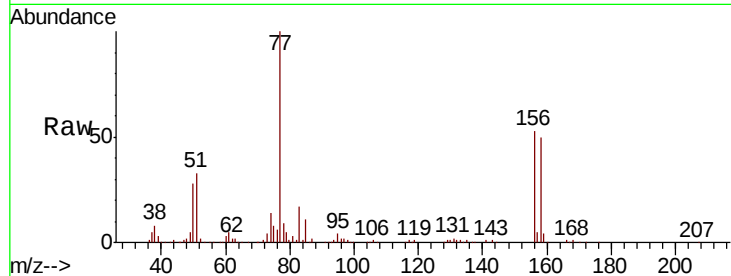




#77
Bromobenzene
Concen: 21.121 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

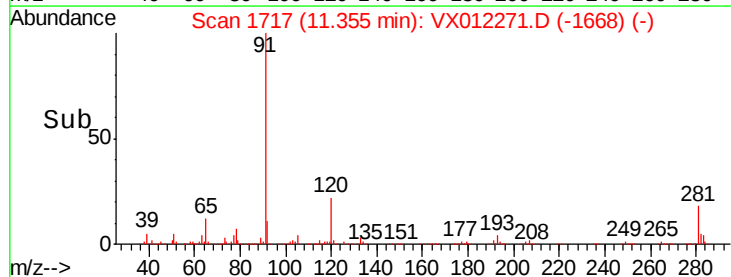
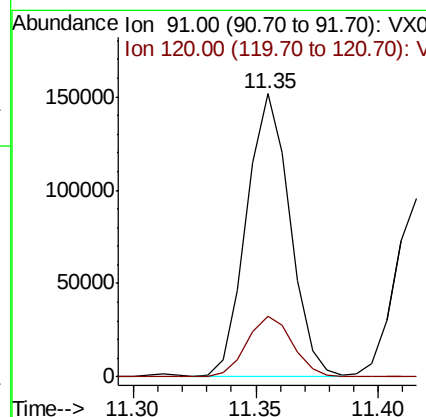
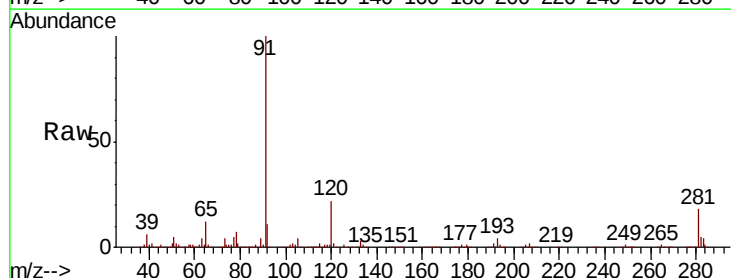
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD03

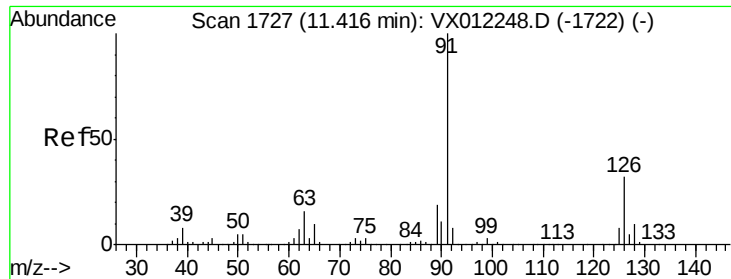
Tgt Ion:156 Resp: 36358
Ion Ratio Lower Upper
156 100
77 188.7 92.2 276.6
158 96.5 48.8 146.3



#78
n-propylbenzene
Concen: 20.653 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion: 91 Resp: 186467
Ion Ratio Lower Upper
91 100
120 22.6 11.2 33.6

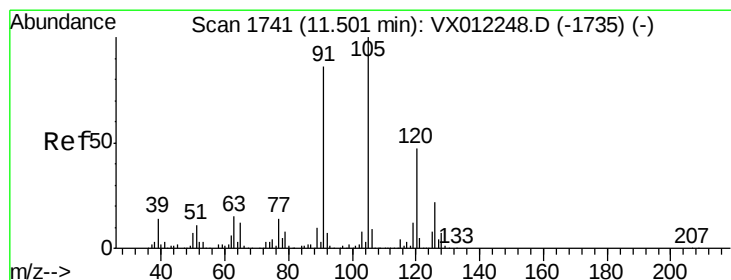
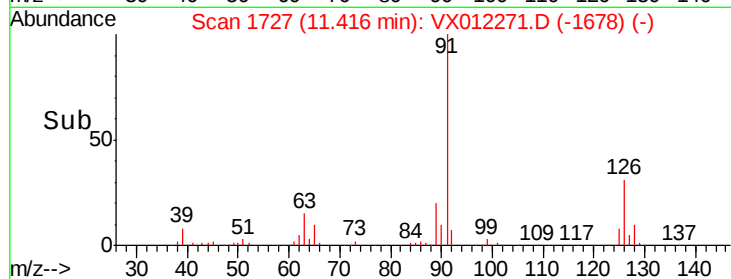
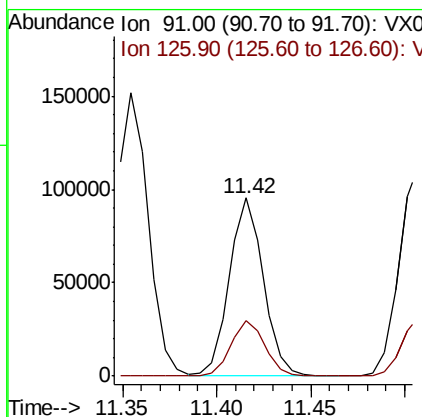
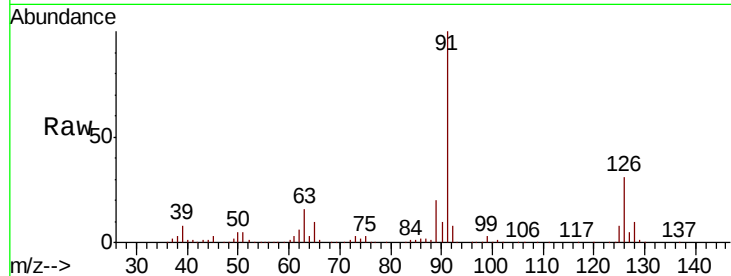




#79
 2-Chlorotoluene
 Concen: 21.250 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

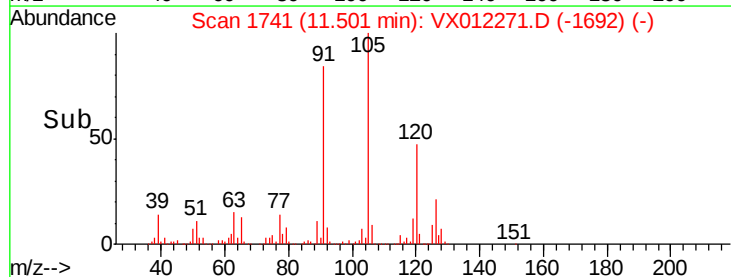
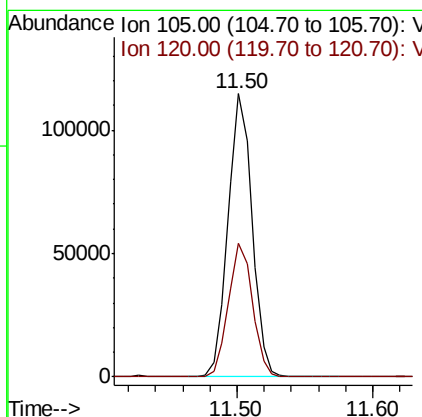
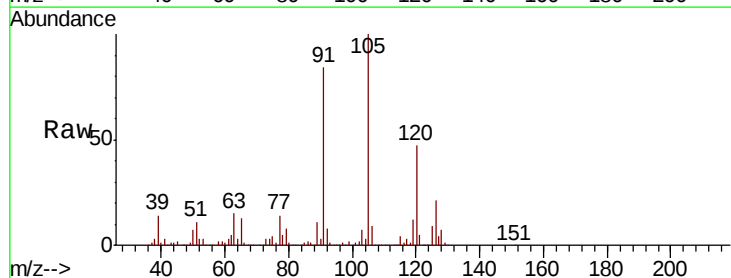
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD03

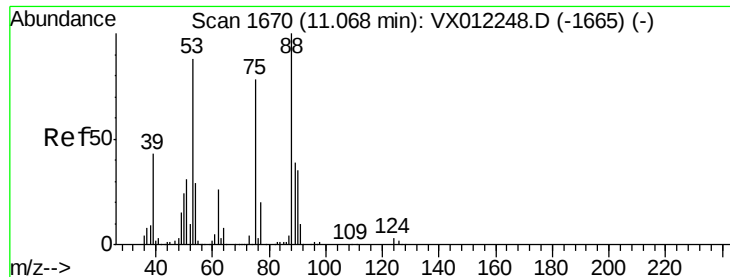
Tgt Ion: 91 Resp: 118867
 Ion Ratio Lower Upper
 91 100
 126 31.2 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.994 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion: 105 Resp: 141159
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.7 71.1

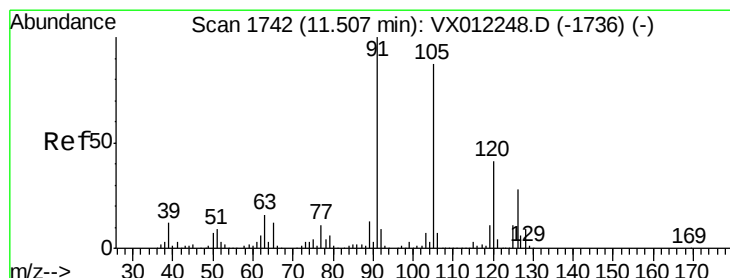
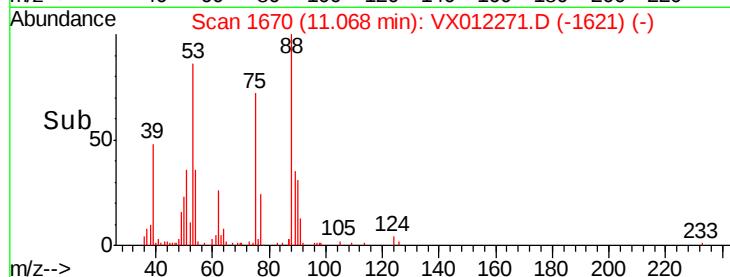
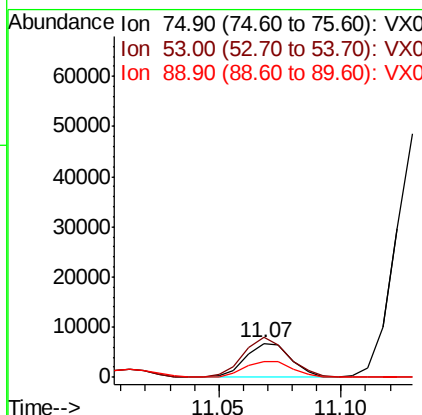
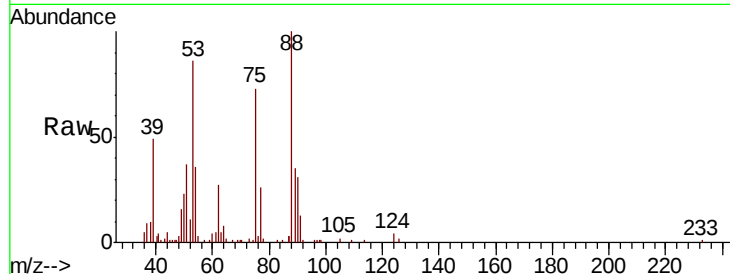




#81
trans-1,4-Dichloro-2-butene
Concen: 18.019 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

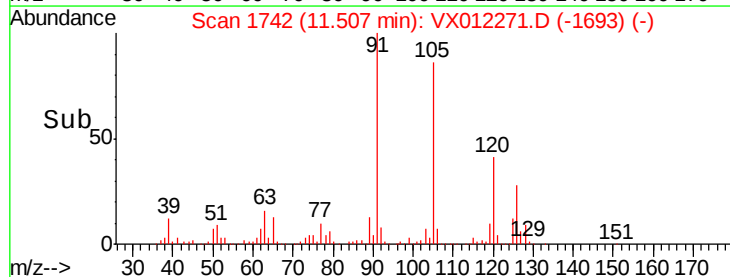
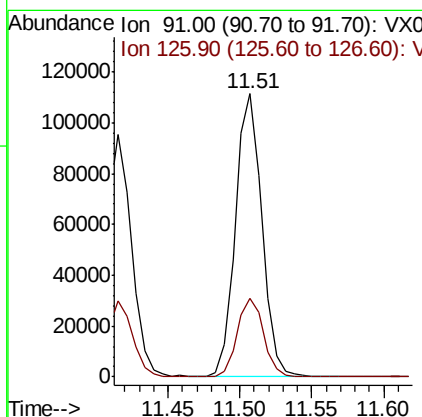
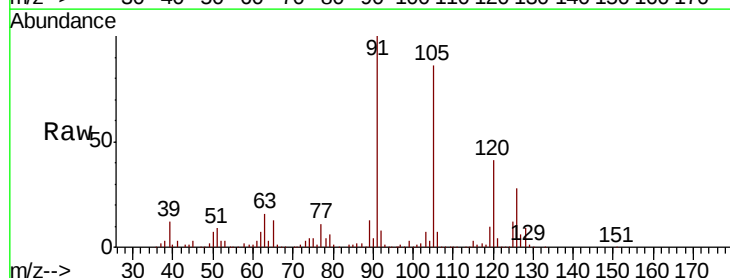
Instrument :
MSVOA_X
ClientSampleId :
VX0910SBS03

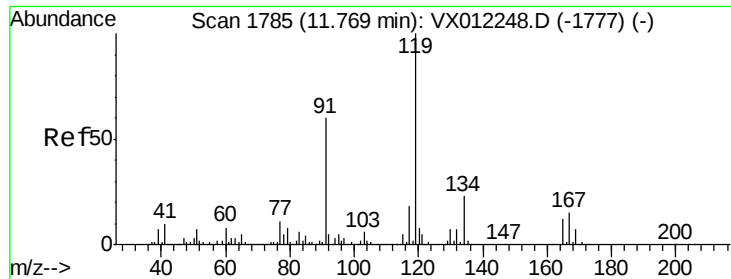
Tgt Ion: 75 Resp: 8774
Ion Ratio Lower Upper
75 100
53 117.5 88.1 132.1
89 51.3 43.5 65.3



#82
4-Chlorotoluene
Concen: 21.210 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion: 91 Resp: 142586
Ion Ratio Lower Upper
91 100
126 27.9 14.0 42.0

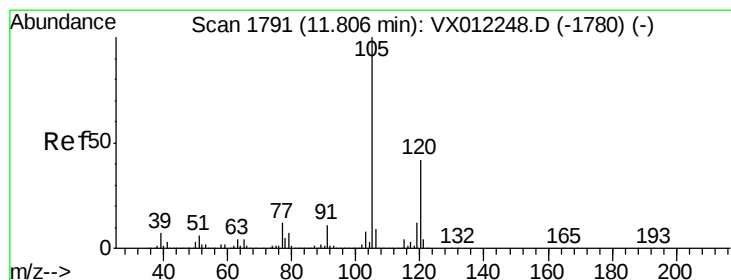
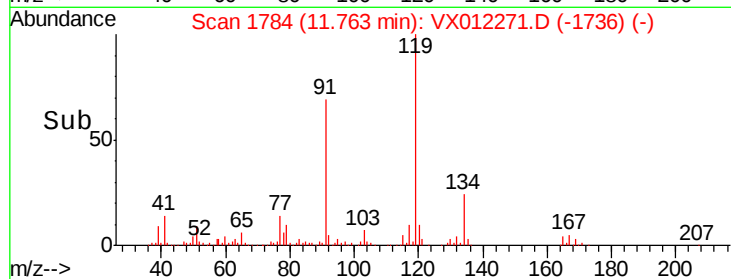
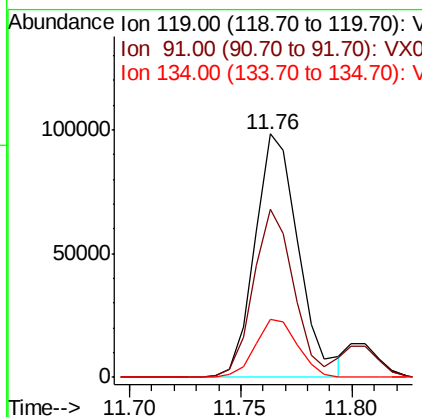
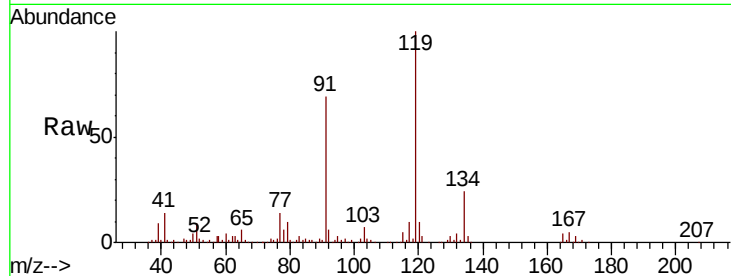




#83
 tert-Butylbenzene
 Concen: 20.557 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

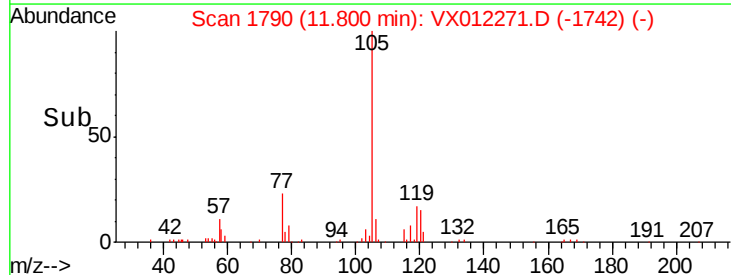
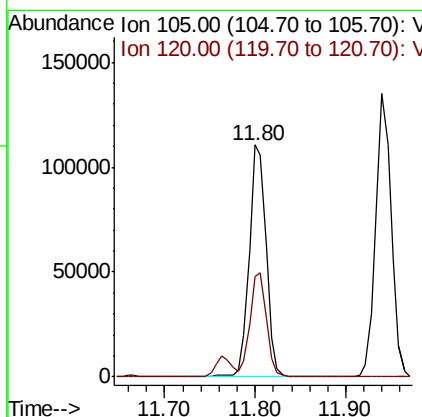
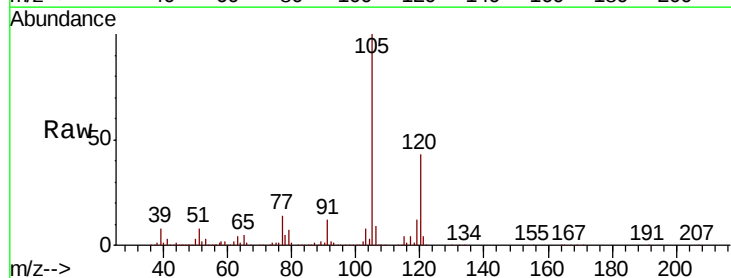
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD03

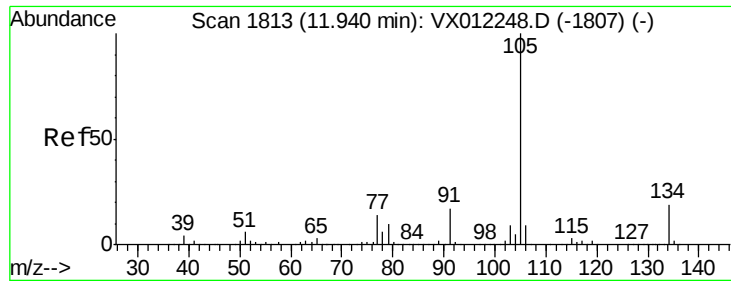
Tgt Ion:119 Resp: 134210
 Ion Ratio Lower Upper
 119 100
 91 64.0 30.9 92.8
 134 23.2 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.606 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion:105 Resp: 143224
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.3 63.9





#85

sec-Butylbenzene

Concen: 20.743 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

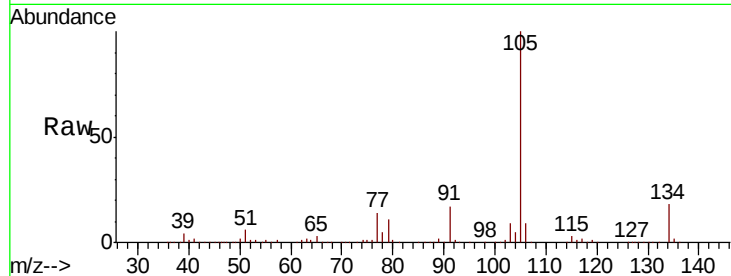
VX0910SBSD03

Tgt Ion:105 Resp: 161587

Ion Ratio Lower Upper

105 100

134 19.0 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

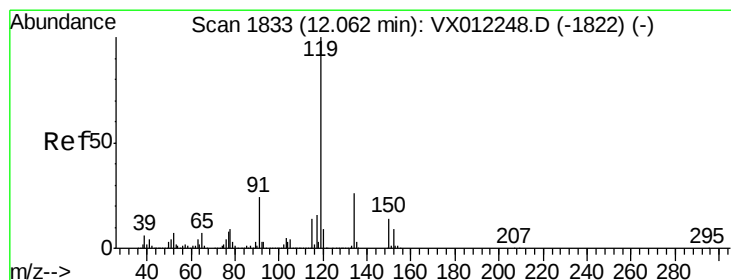
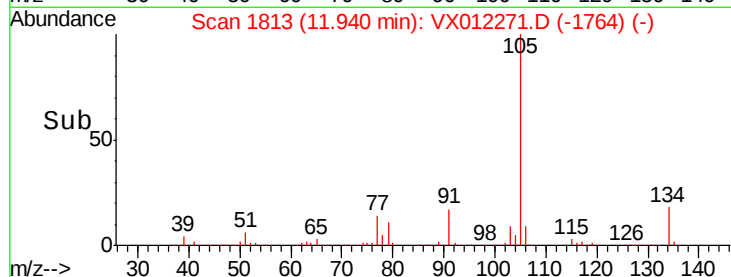
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.146 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

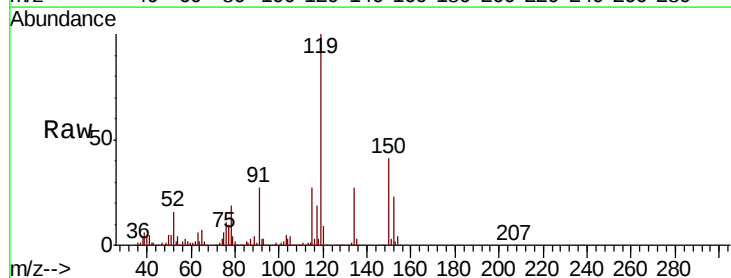
Tgt Ion:119 Resp: 145009

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

91 27.5 13.1 39.1



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

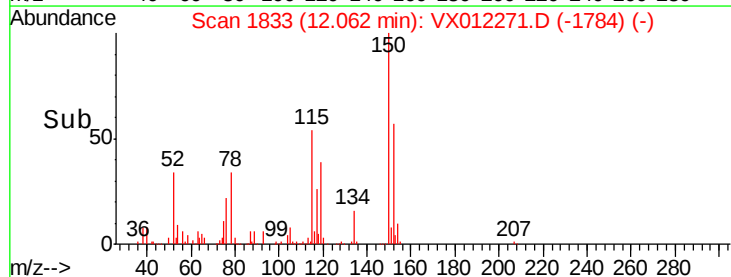
150000

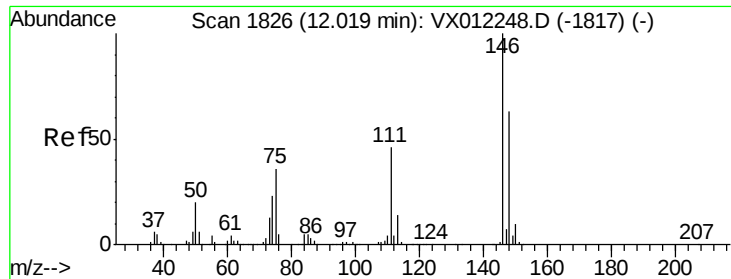
100000

50000

0

Time-->

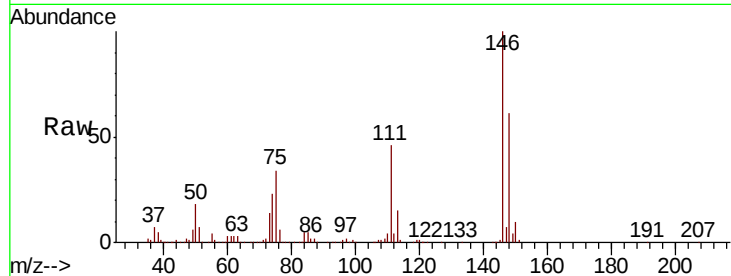




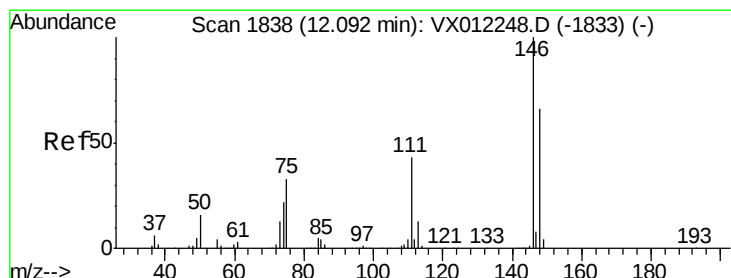
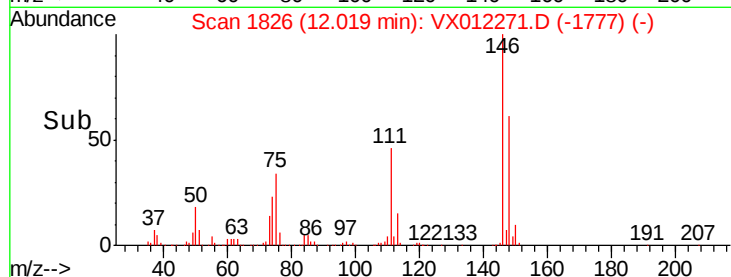
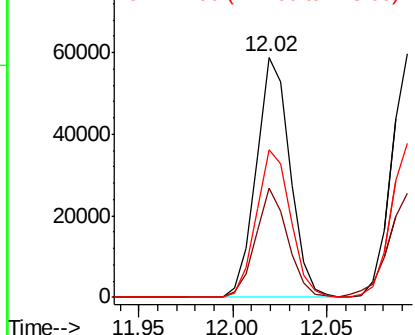
#87
 1,3-Dichlorobenzene
 Concen: 20.887 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD03

Tgt Ion:146 Resp: 73240
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.3 66.8
 148 62.4 31.5 94.5

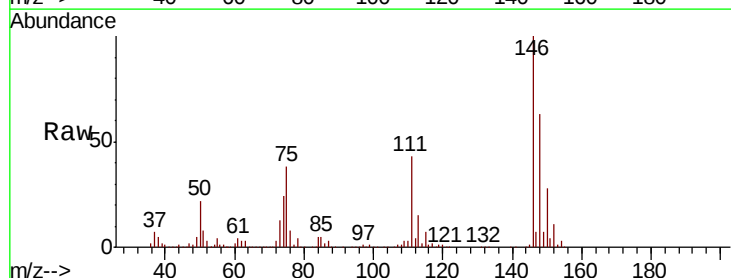


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

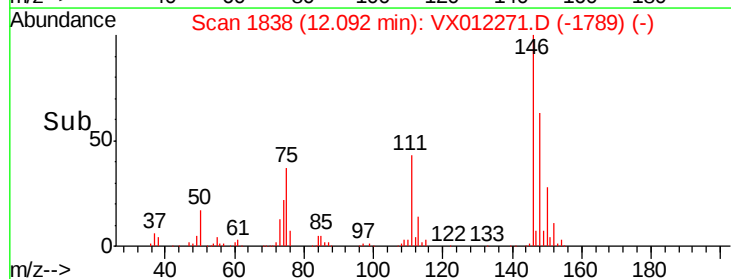
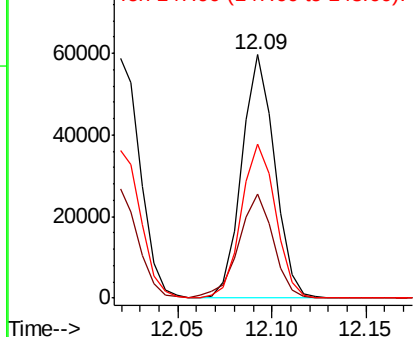


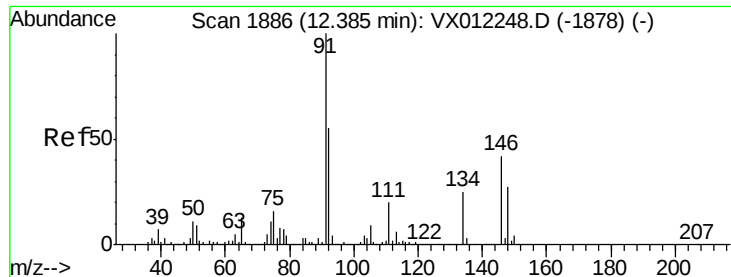
#88
 1,4-Dichlorobenzene
 Concen: 20.346 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion:146 Resp: 72142
 Ion Ratio Lower Upper
 146 100
 111 45.4 21.6 64.8
 148 66.5 32.4 97.2



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





#89

n-Butylbenzene

Concen: 19.714 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012271.D

Acq: 10 Sep 2019 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0910SBS03

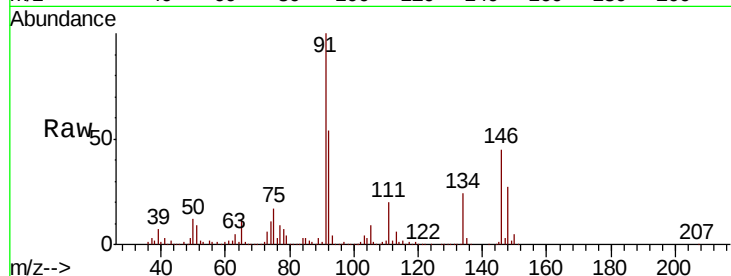
Tgt Ion: 91 Resp: 139079

Ion Ratio Lower Upper

91 100

92 54.5 27.6 82.7

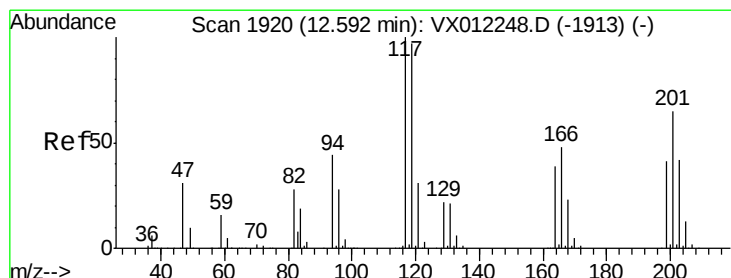
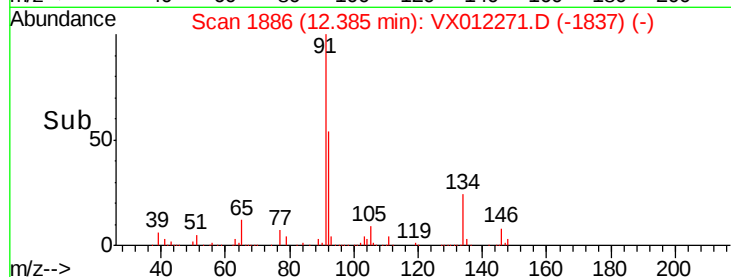
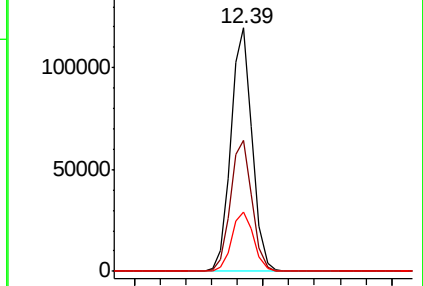
134 24.9 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX012248.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012248.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012248.D (-1878) (-)



#90

Hexachloroethane

Concen: 19.524 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012271.D

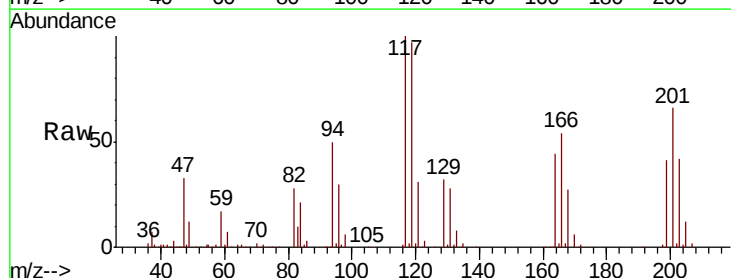
Acq: 10 Sep 2019 23:23

Tgt Ion: 117 Resp: 25884

Ion Ratio Lower Upper

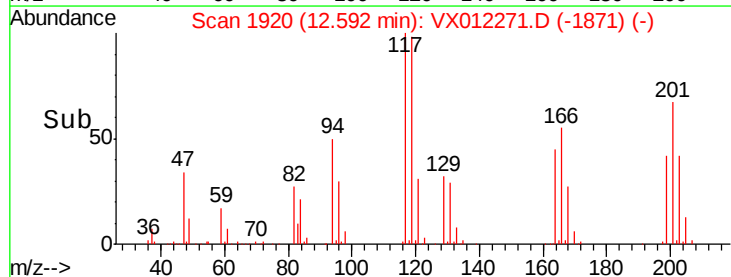
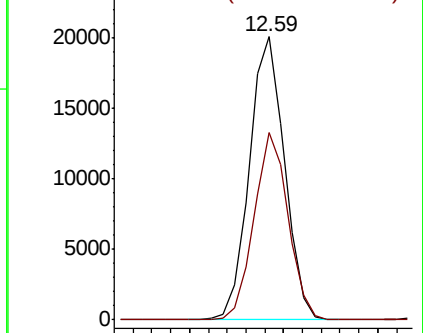
117 100

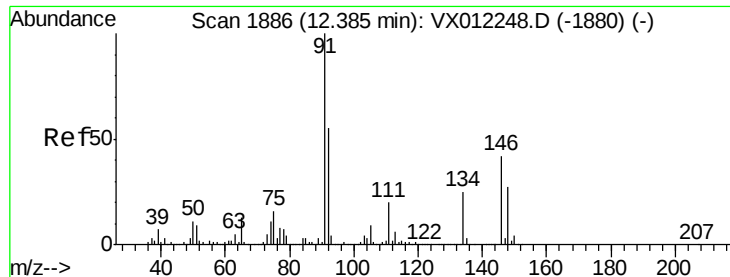
201 64.2 32.2 96.6



Abundance Ion 116.80 (116.50 to 117.50): VX012248.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012248.D (-1913) (-)

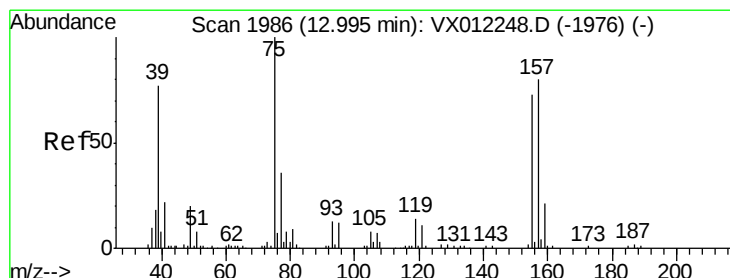
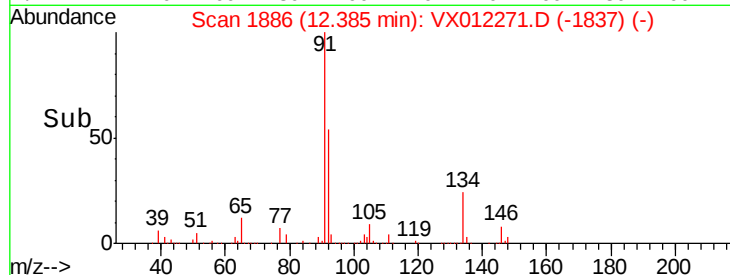
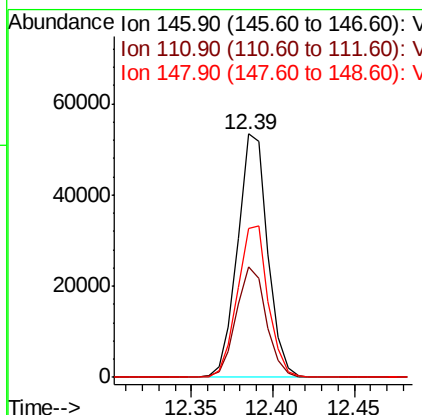
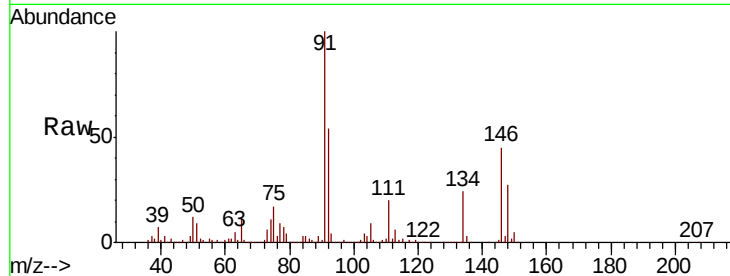




#91
 1,2-Dichlorobenzene
 Concen: 21.182 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

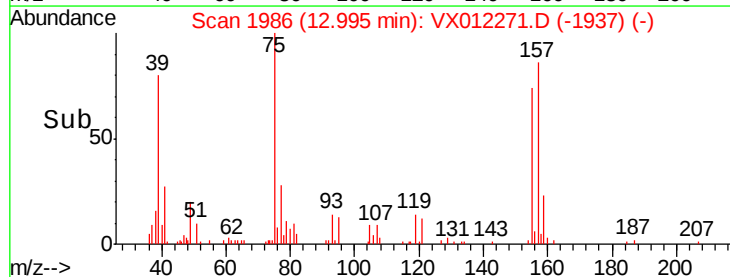
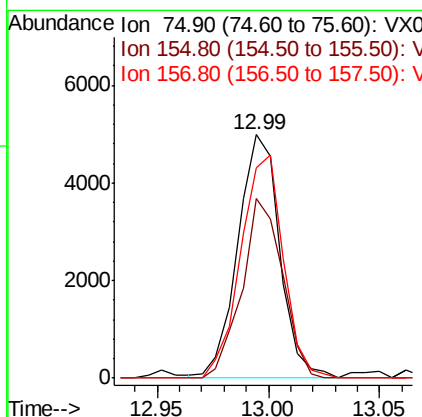
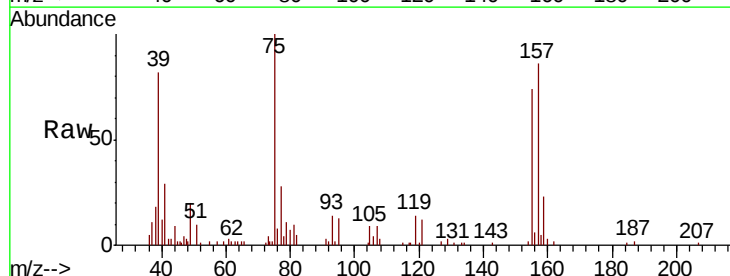
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD03

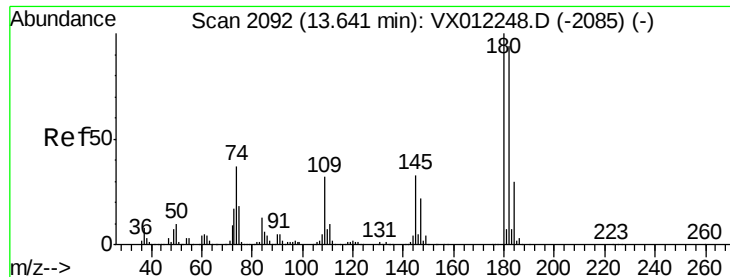
Tgt Ion:146 Resp: 68708
 Ion Ratio Lower Upper
 146 100
 111 45.3 23.2 69.6
 148 63.4 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.997 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion: 75 Resp: 6554
 Ion Ratio Lower Upper
 75 100
 155 71.6 35.3 105.7
 157 93.2 43.2 129.6

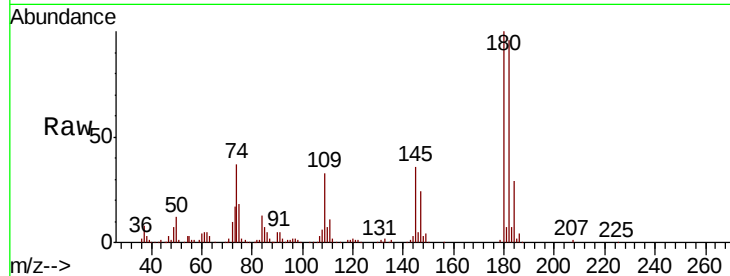




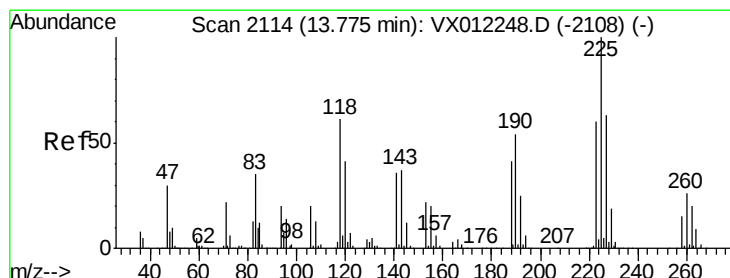
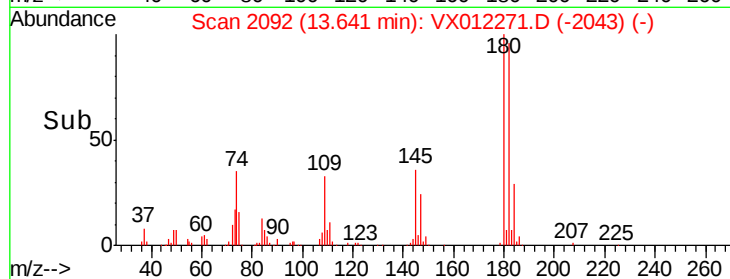
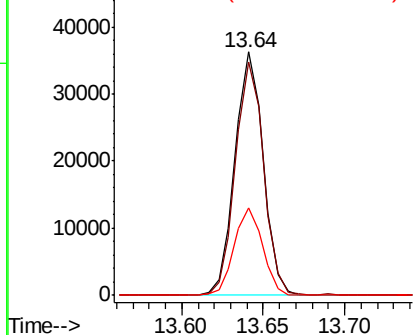
#93
 1,2,4-Trichlorobenzene
 Concen: 19.550 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910SBSD03

Tgt Ion:180 Resp: 43794
 Ion Ratio Lower Upper
 180 100
 182 95.8 46.9 140.8
 145 36.3 17.1 51.2

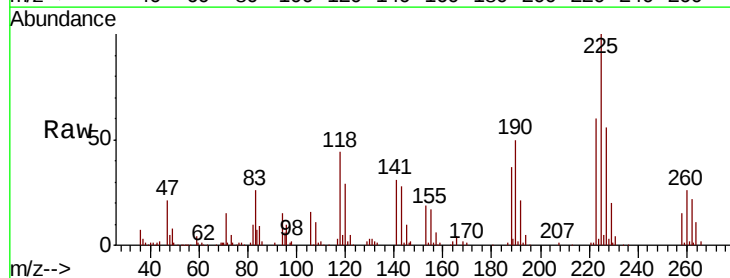


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

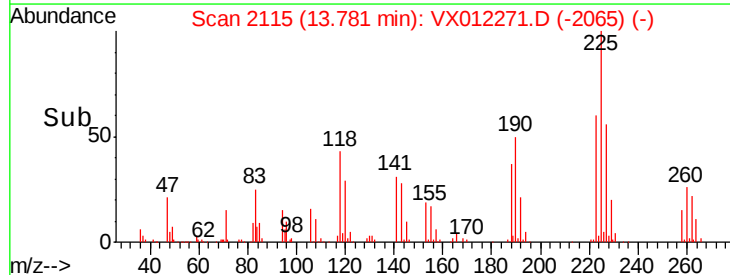
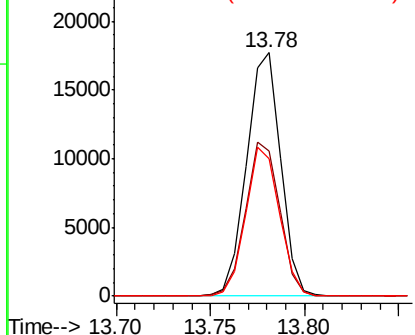


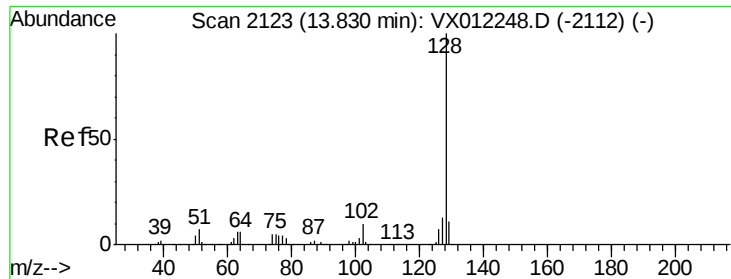
#94
 Hexachlorobutadiene
 Concen: 19.922 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX012271.D
 Acq: 10 Sep 2019 23:23

Tgt Ion:225 Resp: 22201
 Ion Ratio Lower Upper
 225 100
 223 63.6 32.1 96.5
 227 60.8 32.5 97.5



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

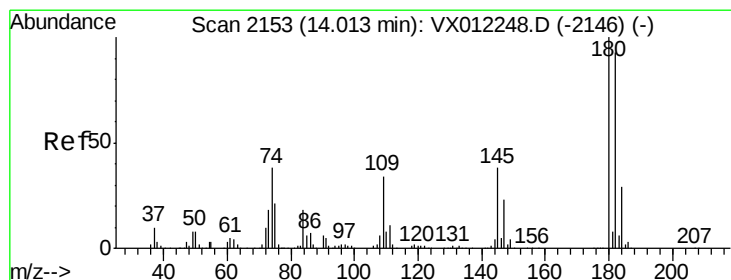
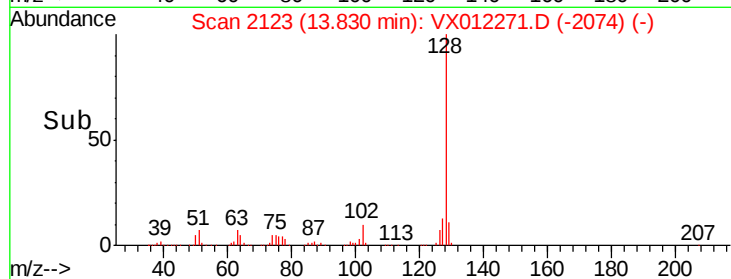
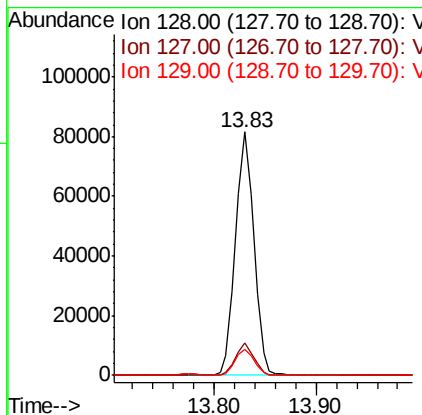
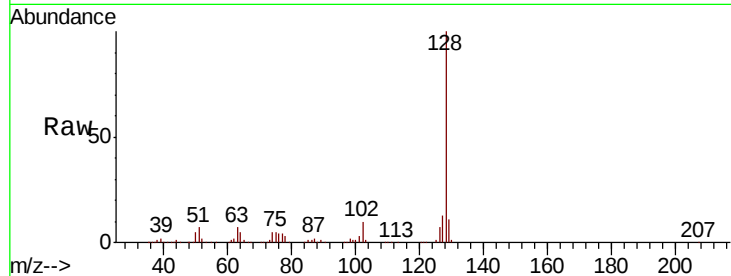




#95
Naphthalene
Concen: 21.053 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Instrument :
MSVOA_X
ClientSampleId :
VX0910SBSD03

Tgt Ion:128 Resp: 101209
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.899 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012271.D
Acq: 10 Sep 2019 23:23

Tgt Ion:180 Resp: 39440
Ion Ratio Lower Upper
180 100
182 96.1 47.0 141.0
145 38.0 18.6 55.8

