

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090319\
 Data File : VX012026.D
 Acq On : 03 Sep 2019 17:06
 Operator : SY/SP
 Sample : VX0903SBS01
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

Quant Time: Sep 04 04:02:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	137202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	256119	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	115943	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	96276	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
35) Dibromofluoromethane	5.48	113	78238	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	8.71	98	302121	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
62) 4-Bromofluorobenzene	11.14	95	130738	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	24850	19.641	ug/l	99
3) Chloromethane	1.31	50	24958	19.261	ug/l	97
4) Vinyl Chloride	1.39	62	22439	18.406	ug/l	98
5) Bromomethane	1.62	94	11520	19.049	ug/l	94
6) Chloroethane	1.70	64	14373	18.965	ug/l	96
7) Trichlorofluoromethane	1.91	101	35010	18.490	ug/l	97
8) Diethyl Ether	2.17	74	13198	20.170	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27094	19.319	ug/l #	82
10) Methyl Iodide	2.50	142	15754	16.533	ug/l	92
11) Tert butyl alcohol	3.03	59	19801	108.896	ug/l #	92
12) 1,1-Dichloroethene	2.36	96	25279	18.711	ug/l	92
13) Acrolein	2.28	56	6841	135.170	ug/l	93
14) Allyl chloride	2.72	41	47635	19.486	ug/l	99
15) Acrylonitrile	3.13	53	43006	104.593	ug/l	99
16) Acetone	2.43	43	43944	97.115	ug/l	99
17) Carbon Disulfide	2.55	76	65725	16.646	ug/l	100
18) Methyl Acetate	2.76	43	22555	21.159	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	90500	20.576	ug/l	99
20) Methylene Chloride	2.84	84	34751	19.125	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	29797	18.795	ug/l	94
22) Diisopropyl ether	3.84	45	101604	20.391	ug/l	94
23) Vinyl Acetate	3.80	43	324486	100.669	ug/l	100
24) 1,1-Dichloroethane	3.68	63	57344	19.843	ug/l	98
25) 2-Butanone	4.66	43	58711	101.930	ug/l	99
26) 2,2-Dichloropropane	4.56	77	52146	19.544	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	35896	19.316	ug/l	91
28) Bromochloromethane	5.00	49	23665	20.515	ug/l #	80
29) Tetrahydrofuran	5.12	42	35942	103.569	ug/l	99
30) Chloroform	5.20	83	61421	19.808	ug/l	100
31) Cyclohexane	5.56	56	42146	18.159	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	53550	19.828	ug/l	96
36) 1,1-Dichloropropene	5.79	75	40906	18.134	ug/l	97
37) Ethyl Acetate	4.82	43	24474	19.952	ug/l	98
38) Carbon Tetrachloride	5.77	117	44692	18.802	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	47547	18.161	ug/l	93
40) Benzene	6.13	78	125007	19.304	ug/l	99
41) Methacrylonitrile	5.02	41	15146	20.705	ug/l	98
42) 1,2-Dichloroethane	6.18	62	46502	19.954	ug/l	98
43) Isopropyl Acetate	6.43	43	50293	20.164	ug/l	99
44) Trichloroethene	7.20	130	32979	18.881	ug/l	82
45) 1,2-Dichloropropane	7.50	63	32842	19.629	ug/l	98
46) Dibromomethane	7.65	93	19728	20.198	ug/l #	71
47) Bromodichloromethane	7.89	83	49456	19.921	ug/l	94
48) Methyl methacrylate	7.76	41	24825	19.795	ug/l	98
49) 1,4-Dioxane	7.73	88	7672	448.754	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	130073	102.528	ug/l	99
52) Toluene	8.78	92	81439	19.328	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	50475	19.638	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	55770	19.512	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	28283	20.255	ug/l	98
56) Ethyl methacrylate	9.17	69	40039	20.018	ug/l	98
57) 1,3-Dichloropropane	9.37	76	48223	20.013	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	93889	104.121	ug/l	94
59) 2-Hexanone	9.48	43	93464	100.965	ug/l	100
60) Dibromochloromethane	9.57	129	33333	20.029	ug/l	99
61) 1,2-Dibromoethane	9.67	107	26888	19.927	ug/l	97
64) Tetrachloroethene	9.33	164	26808	18.154	ug/l #	86
65) Chlorobenzene	10.14	112	90907	19.451	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	33417	19.555	ug/l	97
67) Ethyl Benzene	10.25	91	166007	19.487	ug/l	96
68) m/p-Xylenes	10.36	106	120823	38.494	ug/l	91
69) o-Xylene	10.70	106	59774	19.639	ug/l	92
70) Styrene	10.71	104	105343	19.927	ug/l	96
71) Bromoform	10.85	173	18520	19.731	ug/l #	99
73) Isopropylbenzene	11.01	105	159914	18.798	ug/l	97
74) N-amyl acetate	10.89	43	49899	19.839	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	35264	19.884	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	38552	27.214	ug/l	78
77) Bromobenzene	11.25	156	36252	19.054	ug/l #	68
78) n-propylbenzene	11.35	91	194989	18.973	ug/l	94
79) 2-Chlorotoluene	11.42	91	119970	19.268	ug/l	91
80) 1,3,5-Trimethylbenzene	11.50	105	143592	19.261	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	11107	18.536	ug/l	94
82) 4-Chlorotoluene	11.51	91	144618	19.487	ug/l	91
83) tert-Butylbenzene	11.77	119	137978	19.419	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	146060	19.063	ug/l	94
85) sec-Butylbenzene	11.94	105	168281	19.067	ug/l	94
86) p-Isopropyltoluene	12.06	119	150212	18.715	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	73436	19.262	ug/l	92
88) 1,4-Dichlorobenzene	12.09	146	73975	19.406	ug/l	93
89) n-Butylbenzene	12.39	91	148973	19.107	ug/l	96
90) Hexachloroethane	12.59	117	30255	18.879	ug/l	54
91) 1,2-Dichlorobenzene	12.39	146	68710	20.011	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	7621	20.535	ug/l	64

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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration

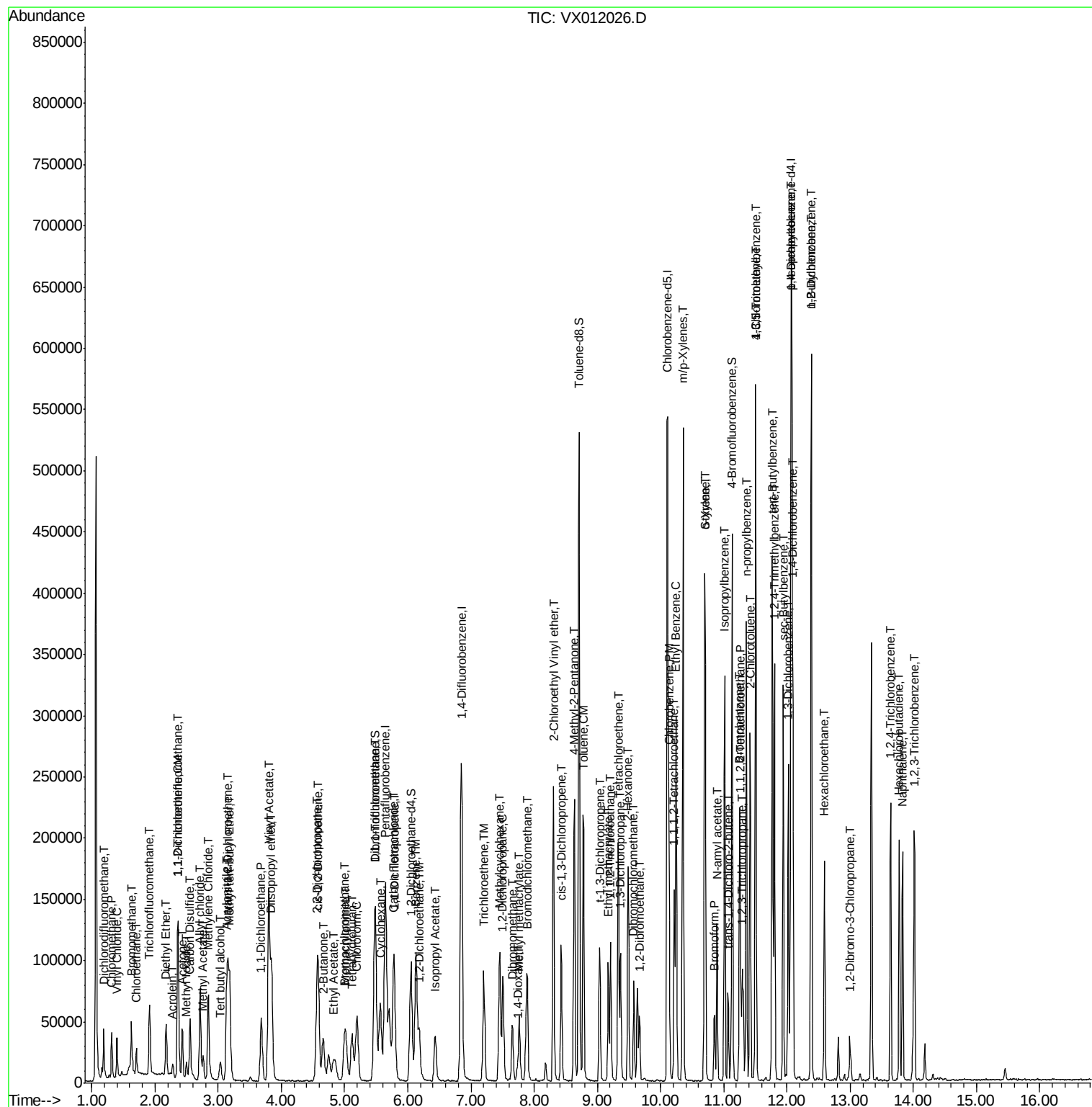
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	47669	19.505	ug/l	94
94) Hexachlorobutadiene	13.78	225	23798	19.318	ug/l	99
95) Naphthalene	13.83	128	107702	20.362	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	43365	20.169	ug/l	95

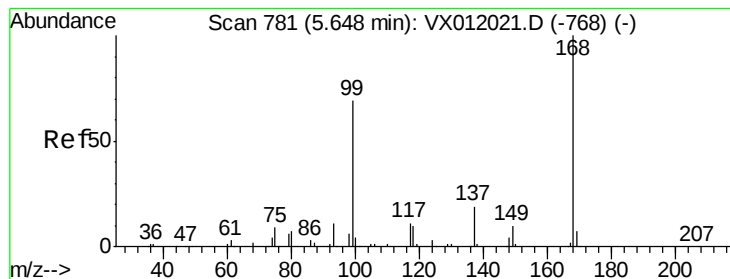
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

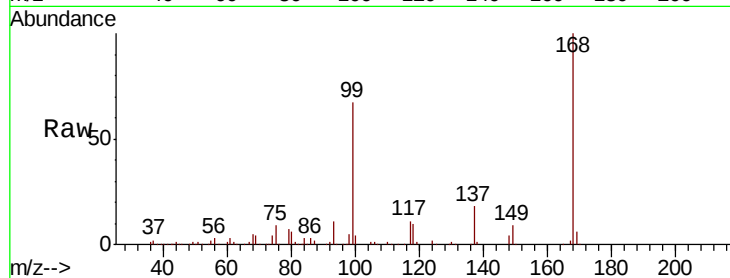
VX0903SBS01

Tgt Ion:168 Resp: 137202

Ion Ratio Lower Upper

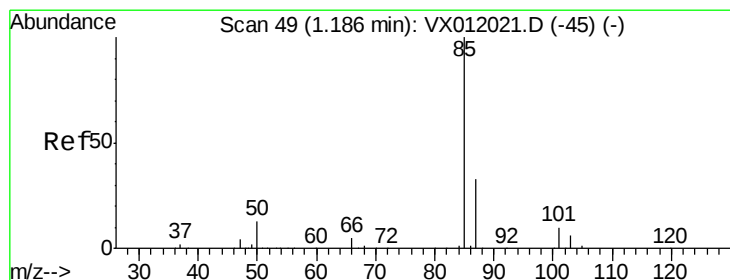
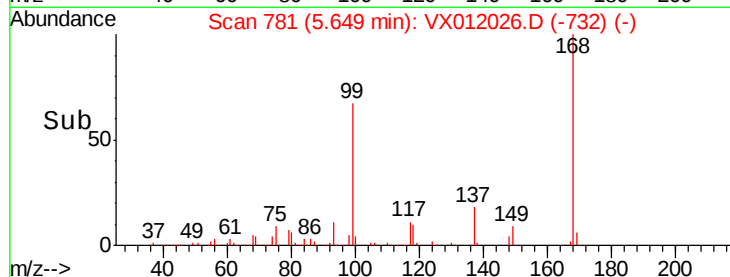
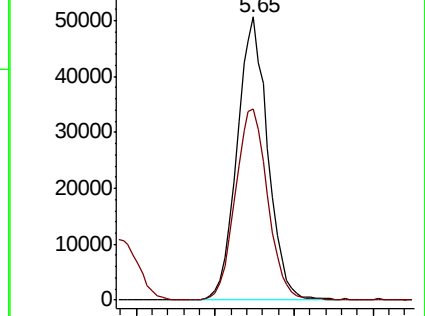
168 100

99 67.2 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.641 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012026.D

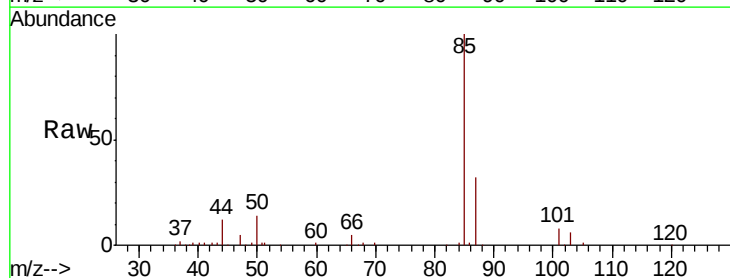
Acq: 03 Sep 2019 17:06

Tgt Ion: 85 Resp: 24850

Ion Ratio Lower Upper

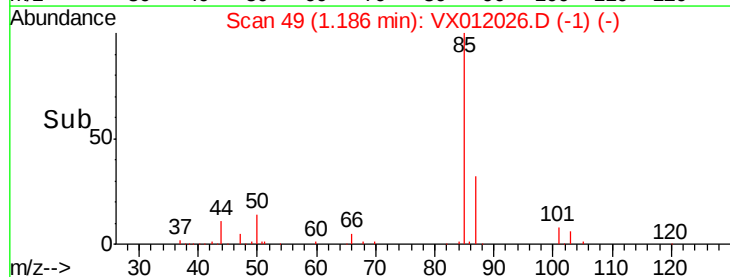
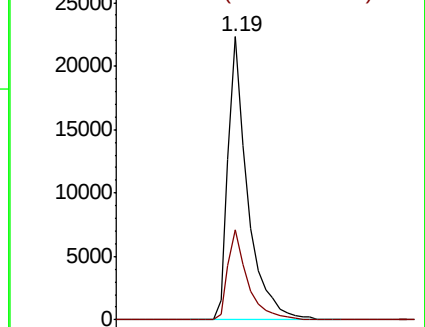
85 100

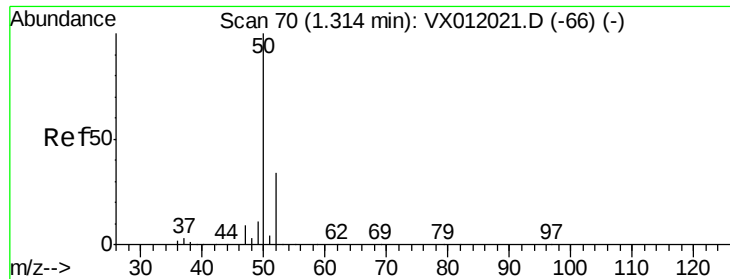
87 31.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.261 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

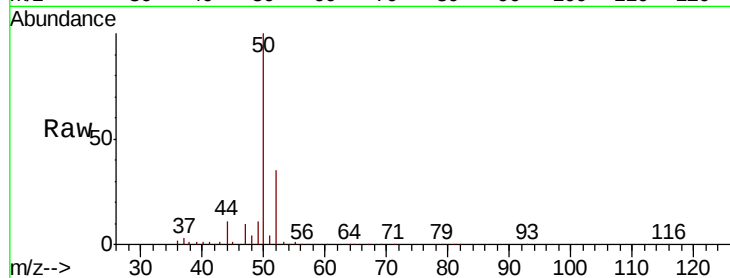
VX0903SBS01

Tgt Ion: 50 Resp: 24958

Ion Ratio Lower Upper

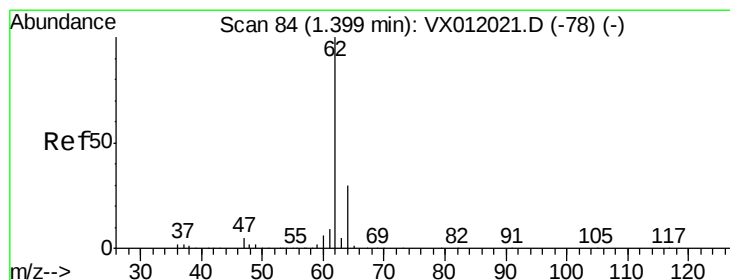
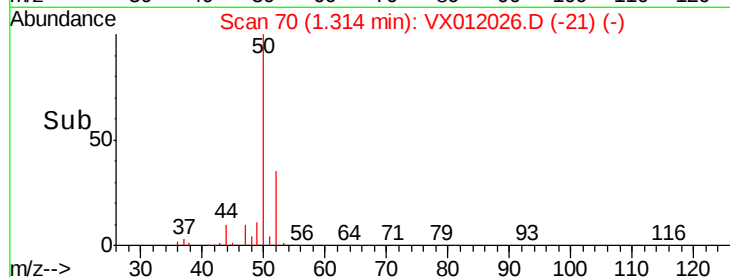
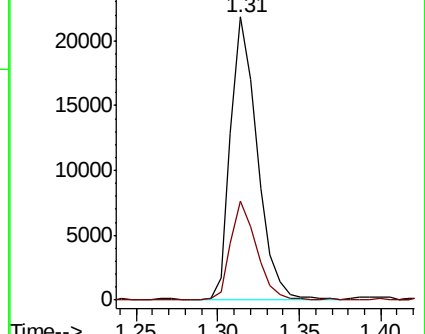
50 100

52 34.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.406 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012026.D

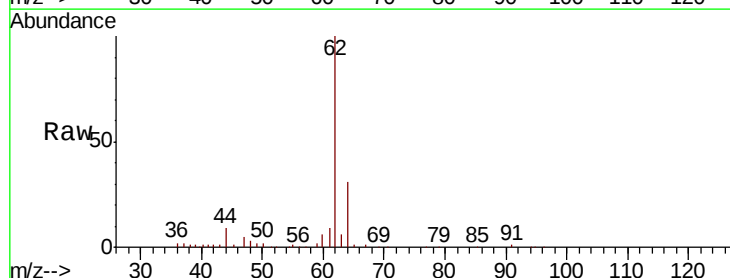
Acq: 03 Sep 2019 17:06

Tgt Ion: 62 Resp: 22439

Ion Ratio Lower Upper

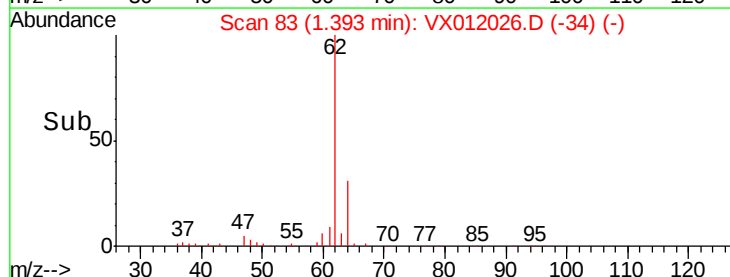
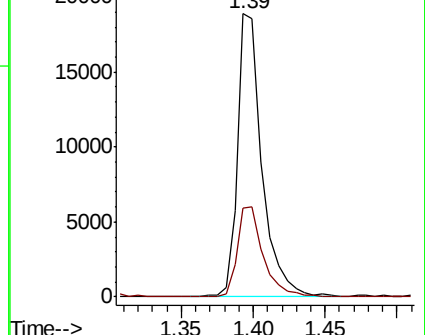
62 100

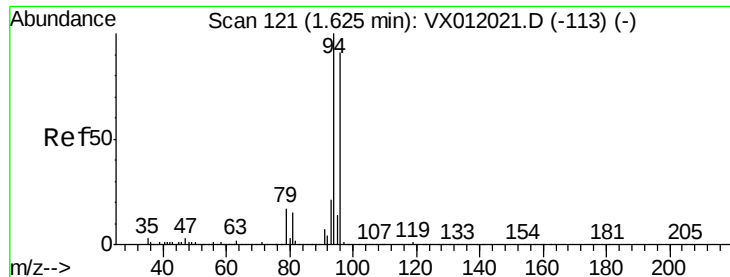
64 31.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.049 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

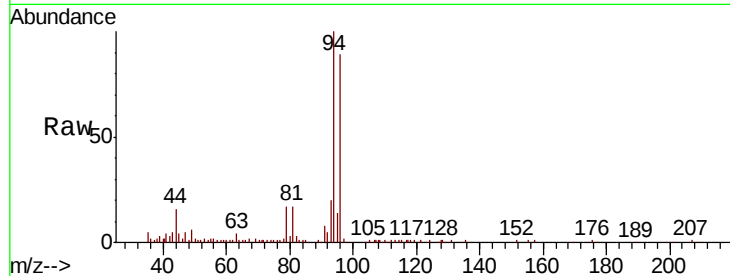
VX0903SBS01

Tgt Ion: 94 Resp: 11520

Ion Ratio Lower Upper

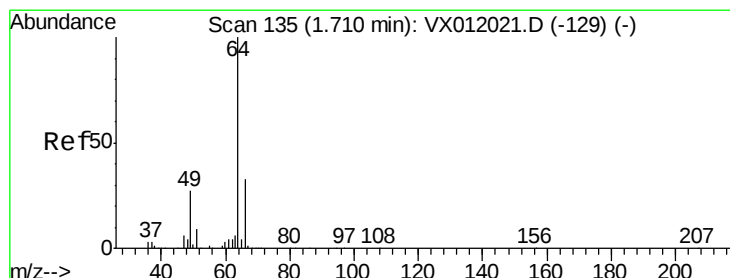
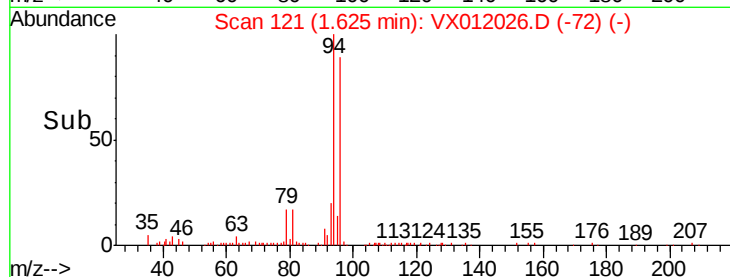
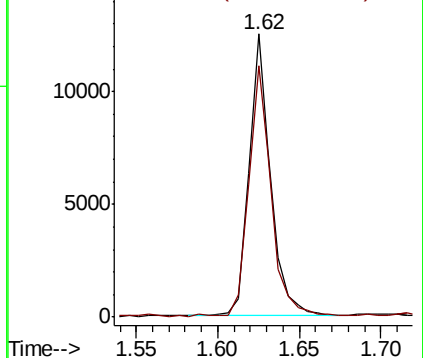
94 100

96 89.1 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.965 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012026.D

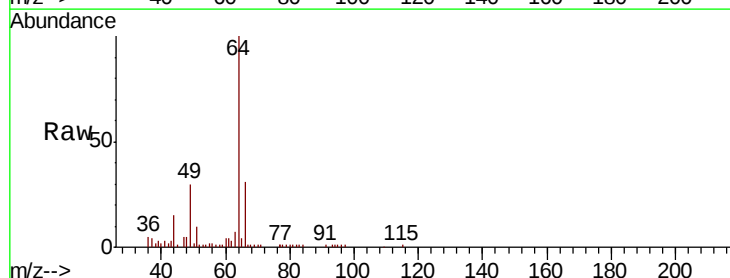
Acq: 03 Sep 2019 17:06

Tgt Ion: 64 Resp: 14373

Ion Ratio Lower Upper

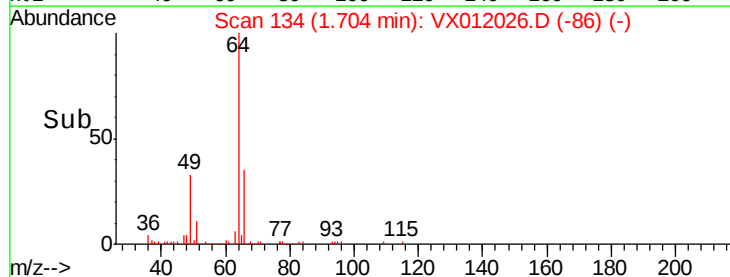
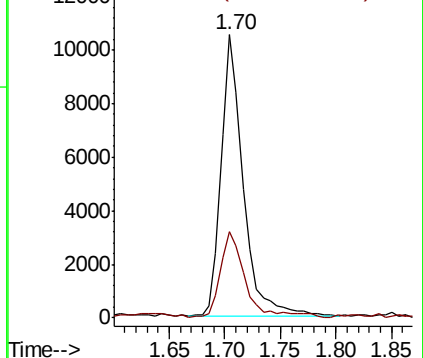
64 100

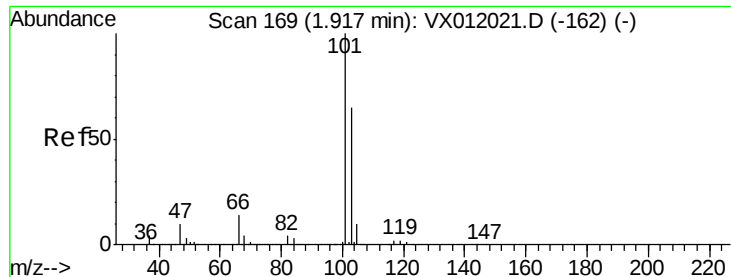
66 30.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



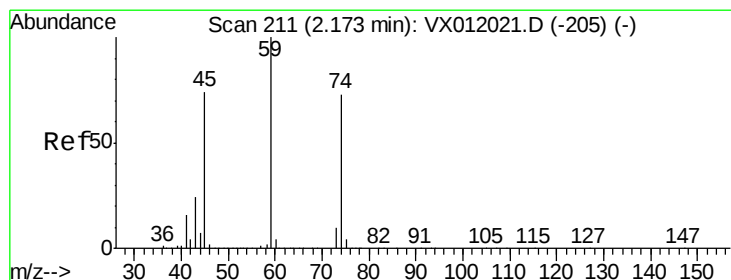
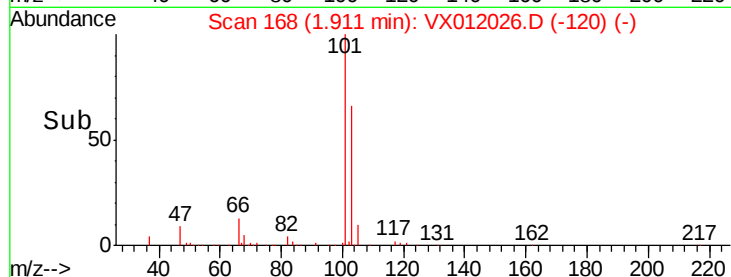
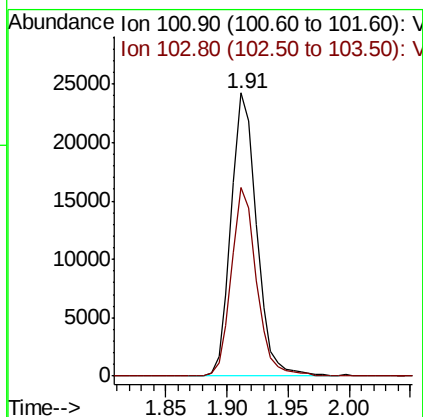
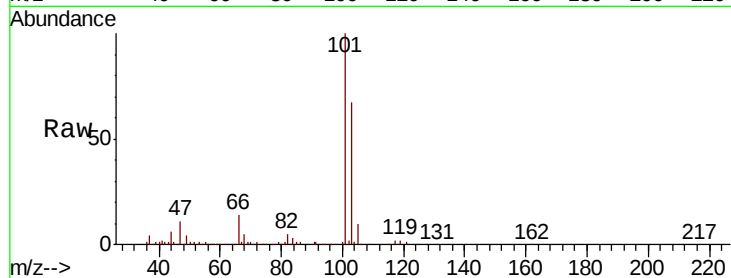


#7

Trichlorofluoromethane
 Concen: 18.490 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

Instrument :
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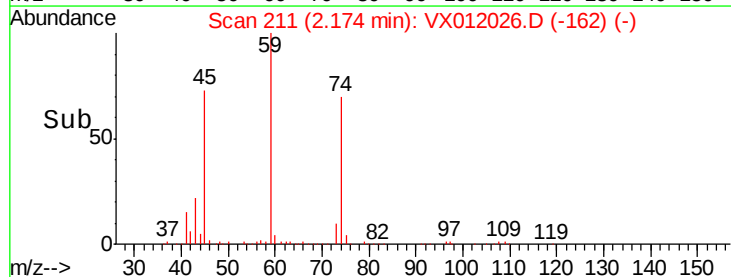
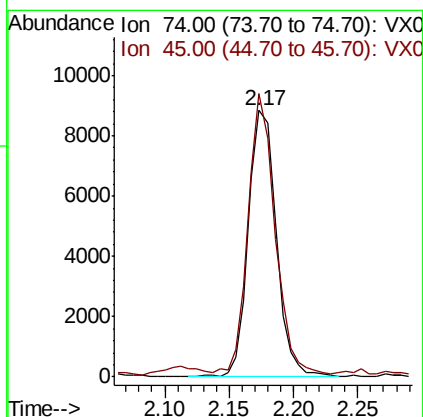
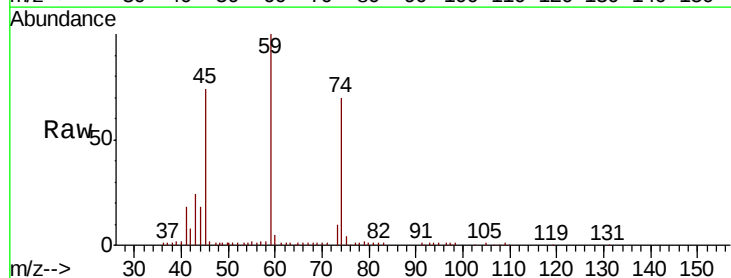
Tgt Ion:101 Resp: 35010
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.6 77.4

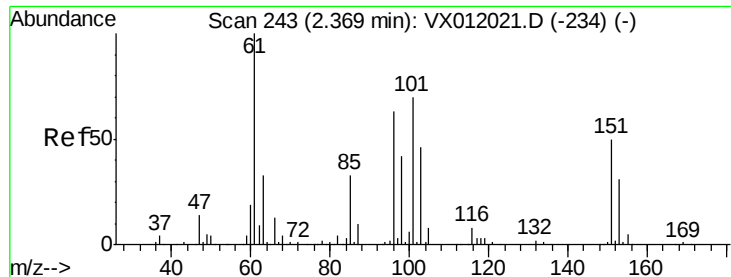


#8

Diethyl Ether
 Concen: 20.170 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

Tgt Ion: 74 Resp: 13198
 Ion Ratio Lower Upper
 74 100
 45 100.5 45.9 137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.319 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBS01

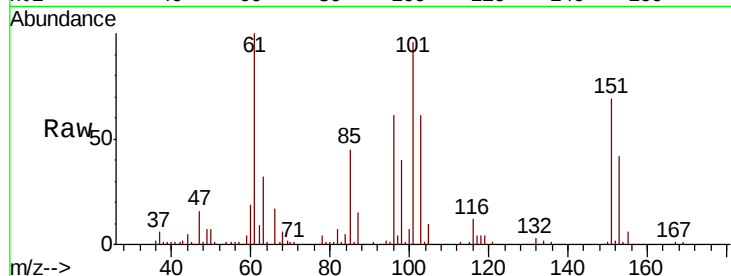
Tgt Ion:101 Resp: 27094

Ion Ratio Lower Upper

101 100

85 45.0 34.5 51.7

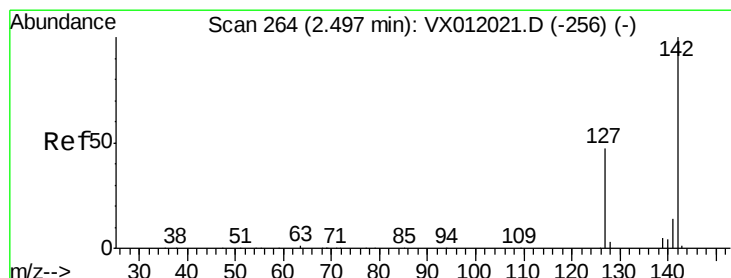
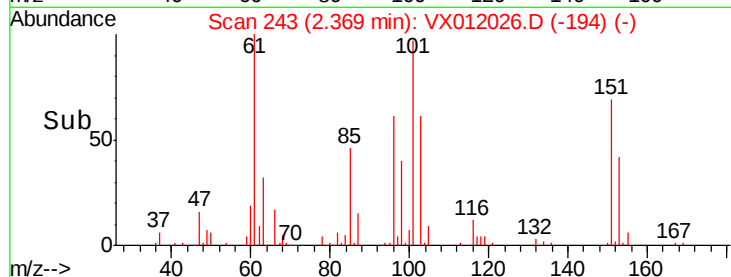
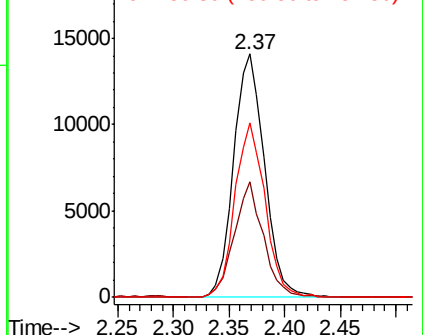
151 69.8 75.0 112.4#



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: 16.533 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

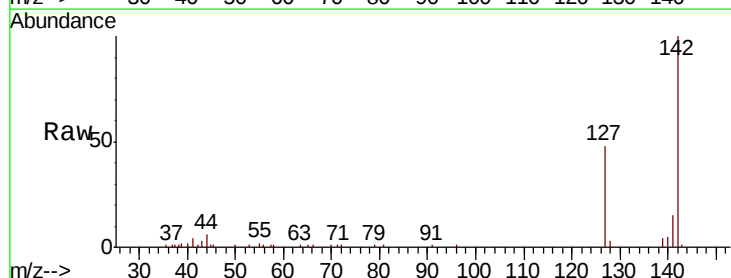
Tgt Ion:142 Resp: 15754

Ion Ratio Lower Upper

142 100

127 50.2 35.4 53.2

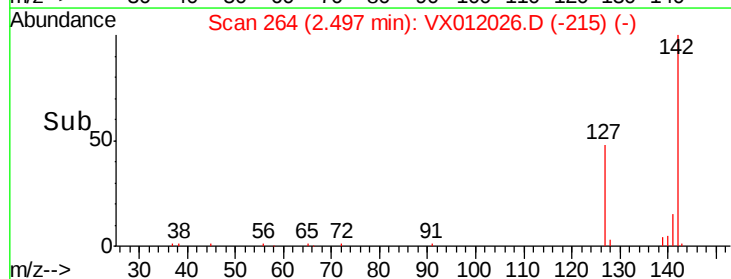
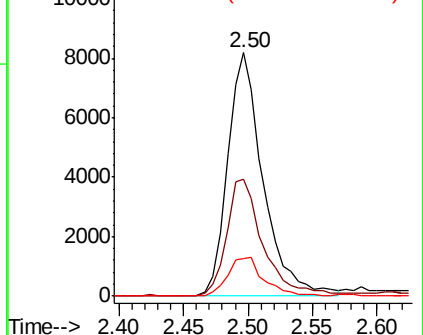
141 16.2 11.4 17.2

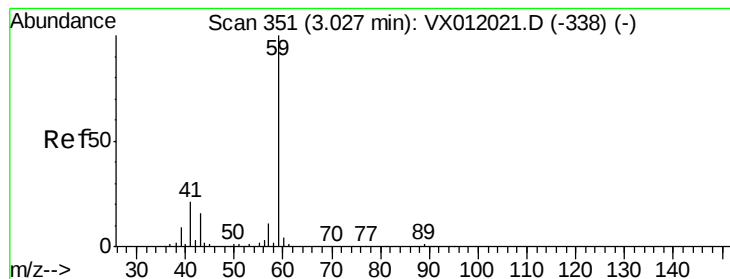


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



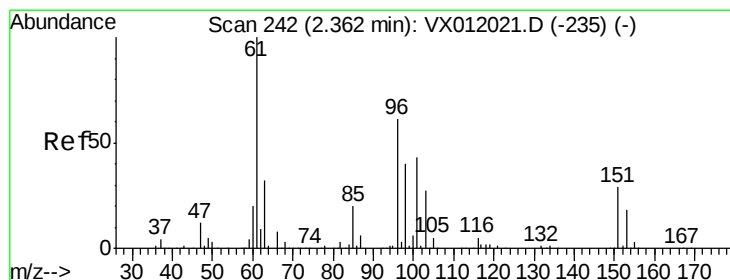
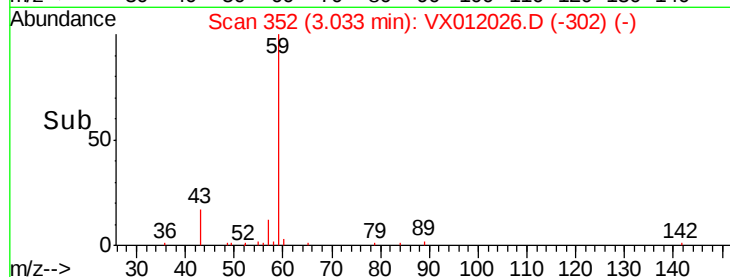
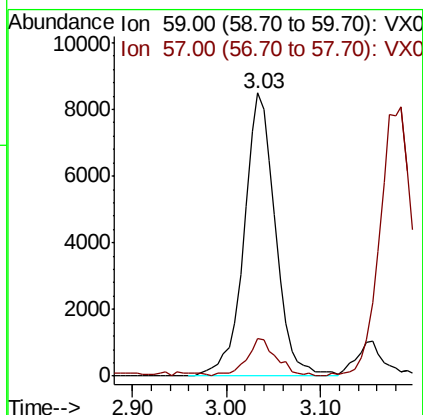
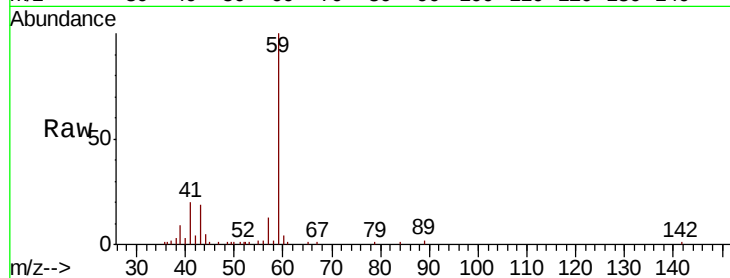


#11

Tert butyl alcohol
Concen: 108.896 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

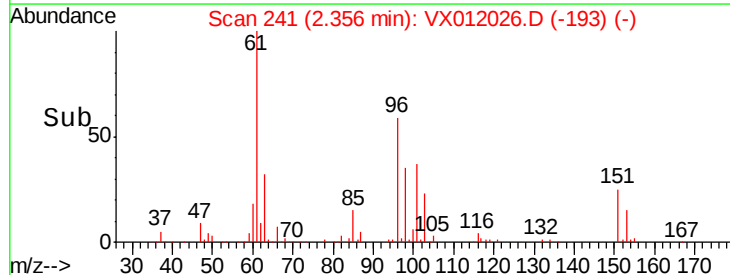
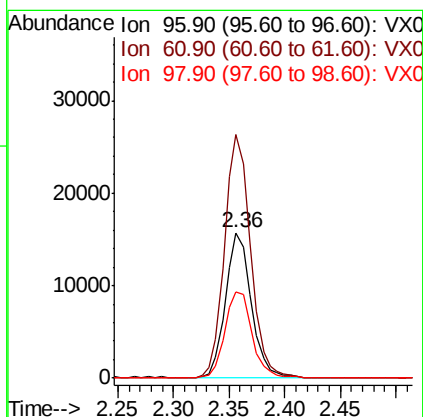
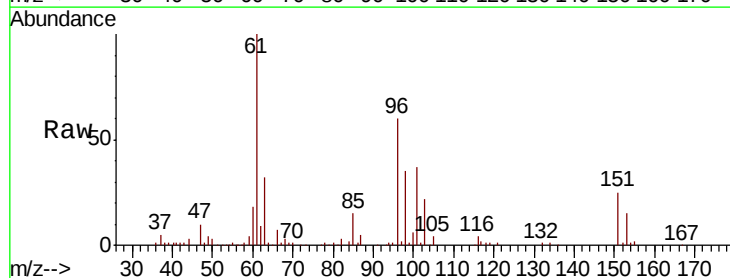
Tgt Ion: 59 Resp: 19801
Ion Ratio Lower Upper
59 100
57 12.7 7.9 11.9#

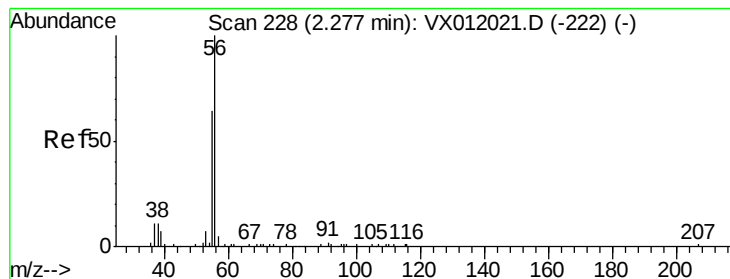


#12

1,1-Dichloroethene
Concen: 18.711 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

Tgt Ion: 96 Resp: 25279
Ion Ratio Lower Upper
96 100
61 167.7 124.1 186.1
98 59.3 50.2 75.2





#13

Acrolein

Concen: 135.170 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

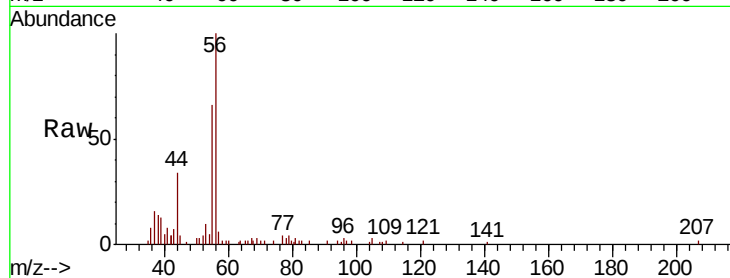
VX0903SBS01

Tgt Ion: 56 Resp: 6841

Ion Ratio Lower Upper

56 100

55 68.3 59.2 88.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

4000

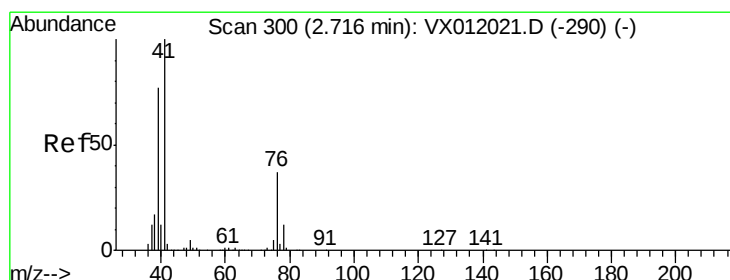
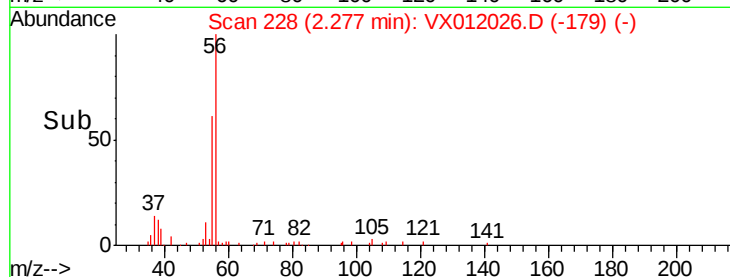
3000

2000

1000

0

Time--> 2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 19.486 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

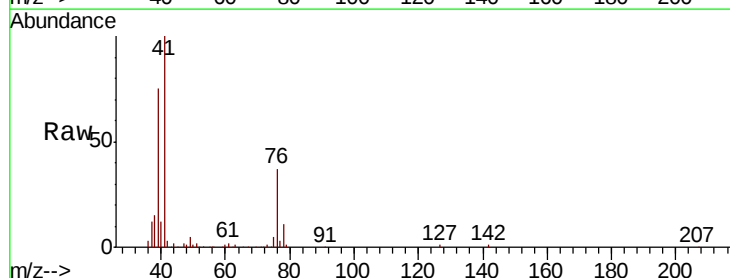
Tgt Ion: 41 Resp: 47635

Ion Ratio Lower Upper

41 100

39 72.2 57.9 86.9

76 34.9 28.5 42.7



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

2.72

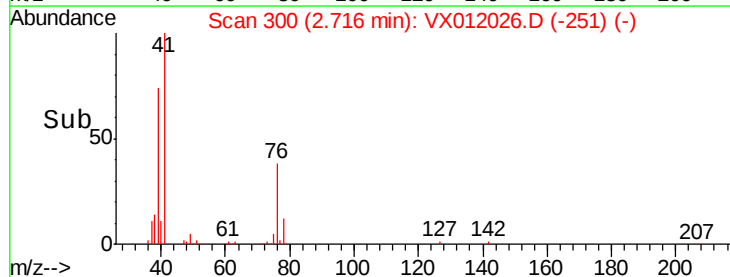
30000

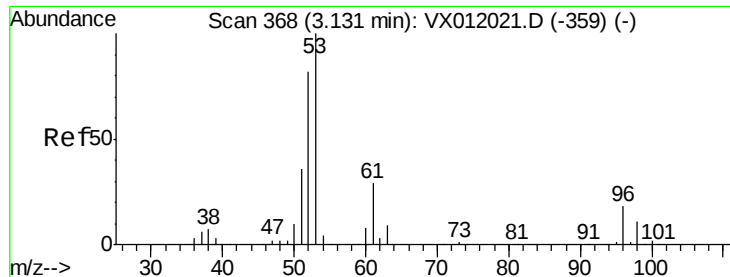
20000

10000

0

Time--> 2.60 2.70 2.80

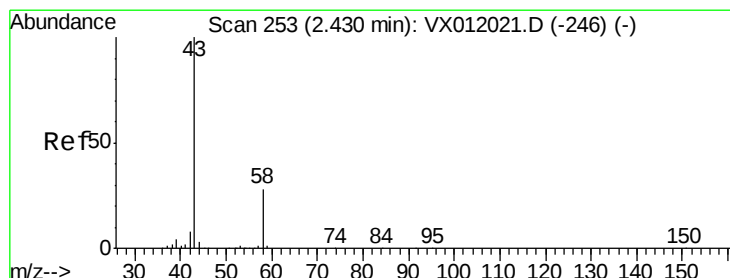
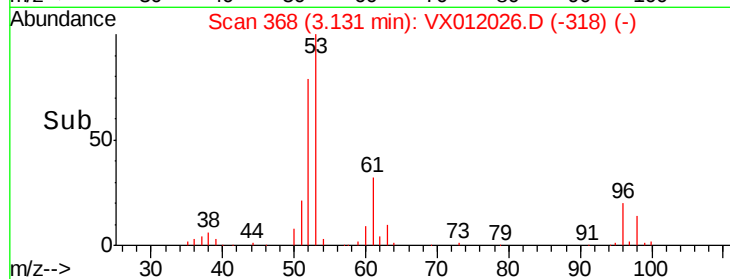
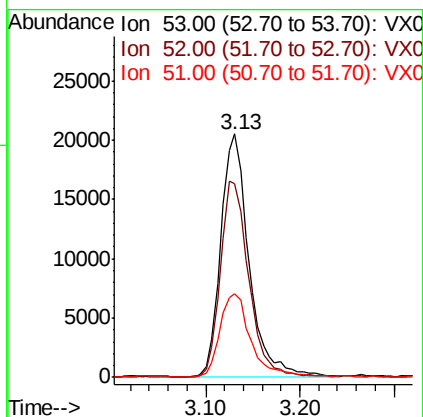
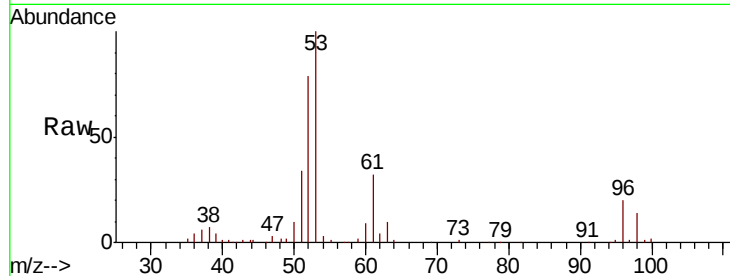




#15
 Acrylonitrile
 Concen: 104.593 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

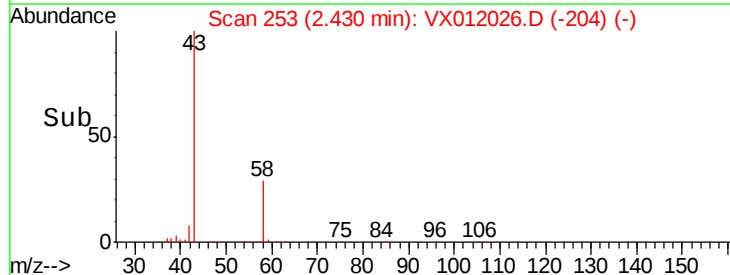
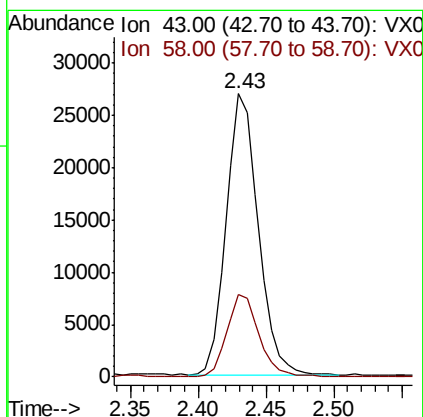
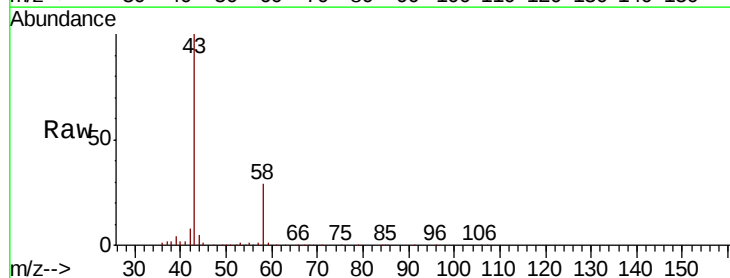
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

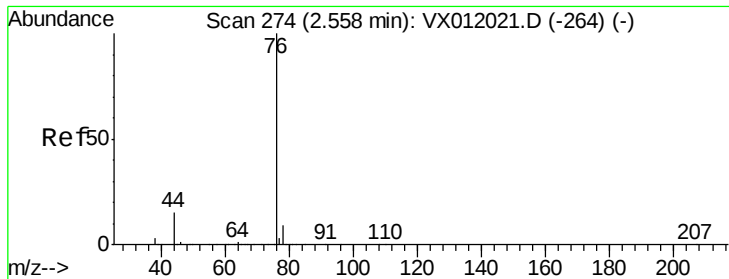
Tgt Ion: 53 Resp: 43006
 Ion Ratio Lower Upper
 53 100
 52 80.5 65.6 98.4
 51 37.6 29.8 44.6



#16
 Acetone
 Concen: 97.115 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

Tgt Ion: 43 Resp: 43944
 Ion Ratio Lower Upper
 43 100
 58 29.2 22.8 34.2

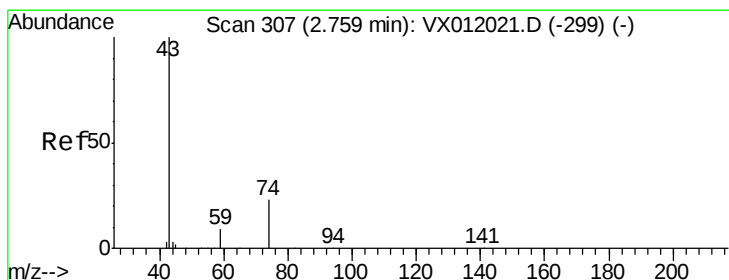
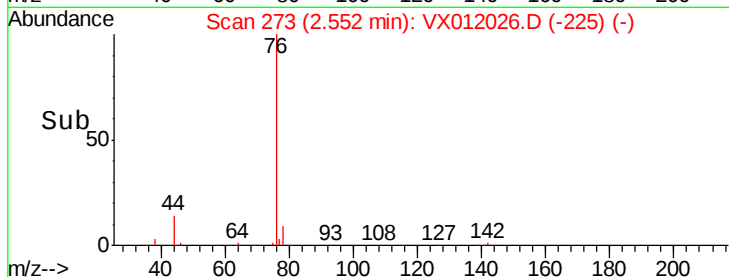
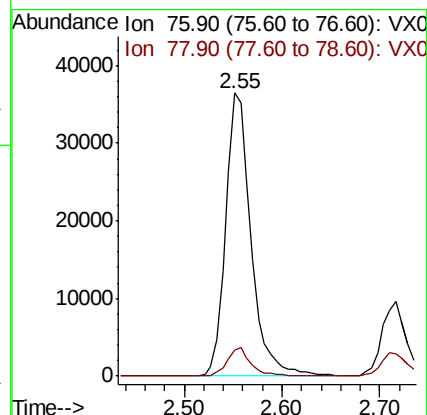
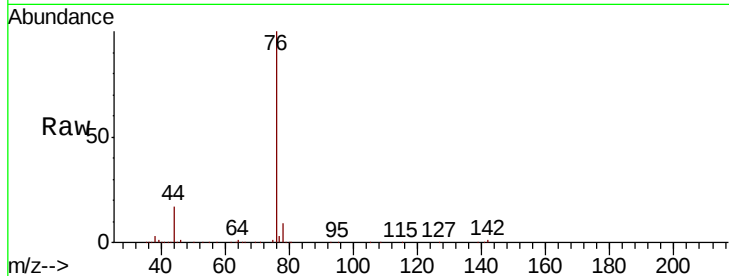




#17
Carbon Disulfide
Concen: 16.646 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

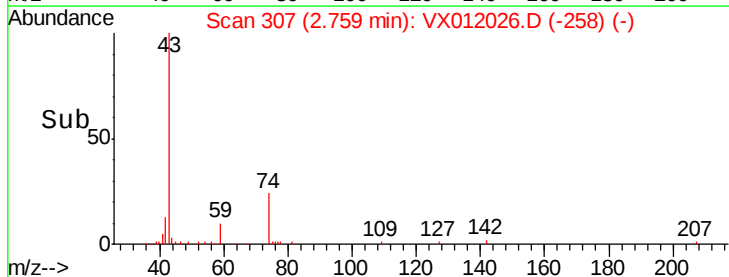
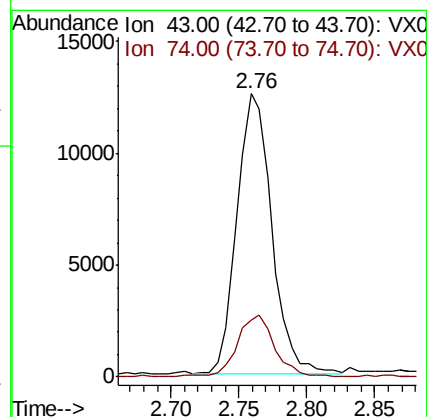
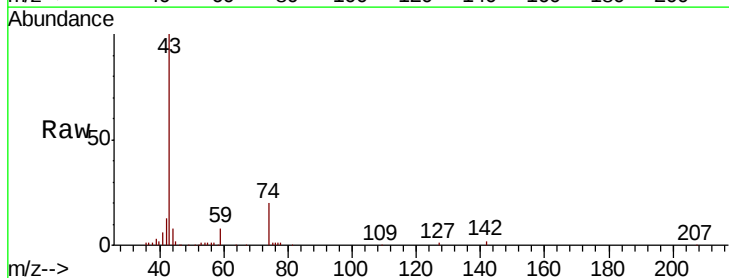
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

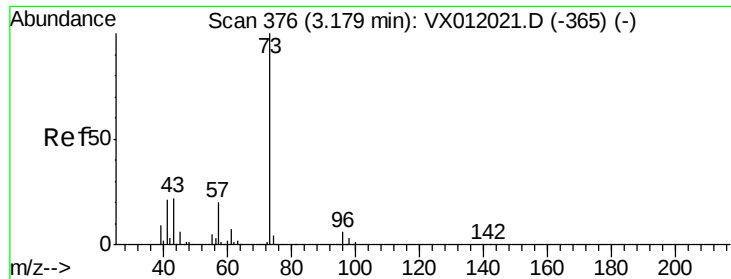
Tgt Ion: 76 Resp: 65725
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 21.159 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

Tgt Ion: 43 Resp: 22555
Ion Ratio Lower Upper
43 100
74 23.5 19.5 29.3

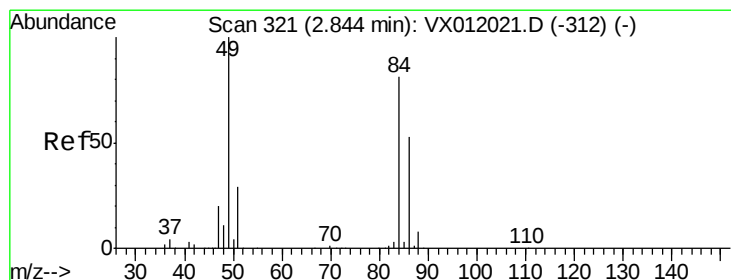
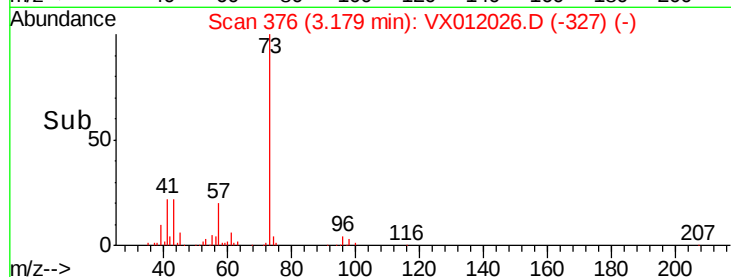
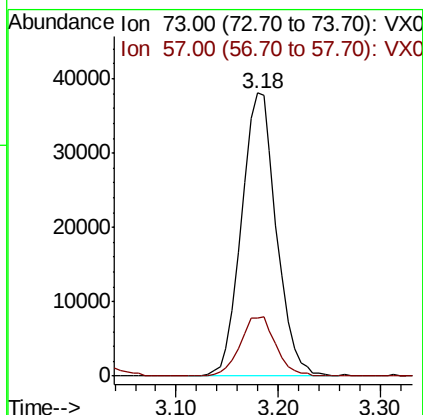
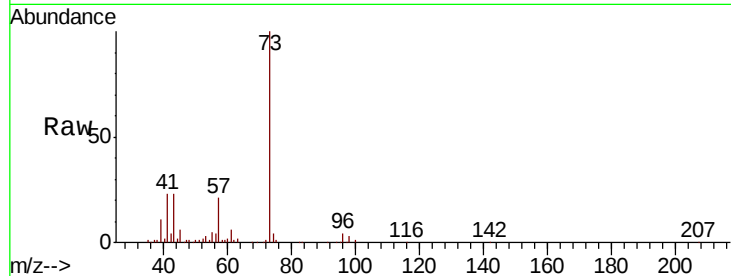




#19
Methyl tert-butyl Ether
Concen: 20.576 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

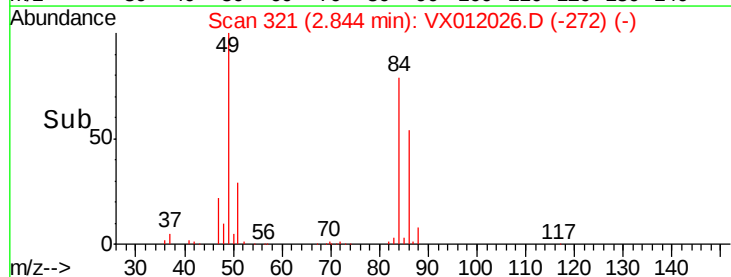
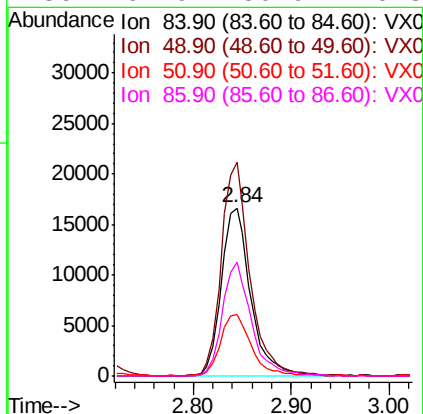
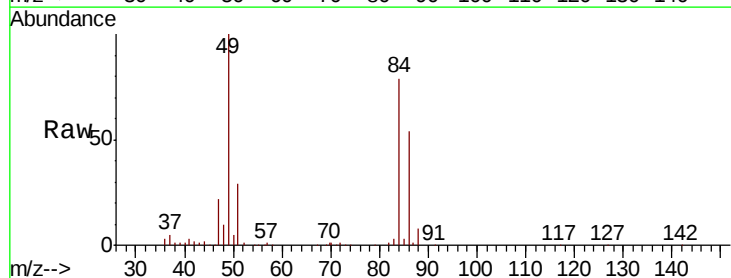
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

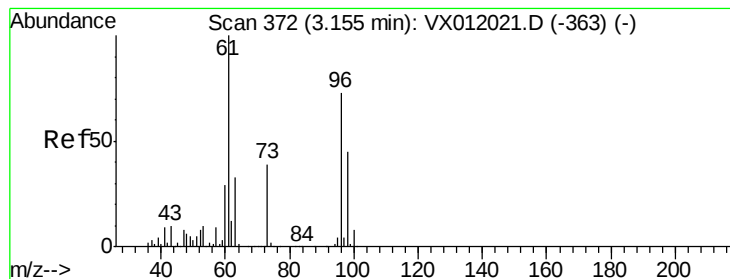
Tgt Ion: 73 Resp: 90500
Ion Ratio Lower Upper
73 100
57 20.3 16.6 25.0



#20
Methylene Chloride
Concen: 19.125 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

Tgt Ion: 84 Resp: 34751
Ion Ratio Lower Upper
84 100
49 126.5 95.8 143.8
51 35.9 28.6 43.0
86 67.9 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 18.795 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBS01

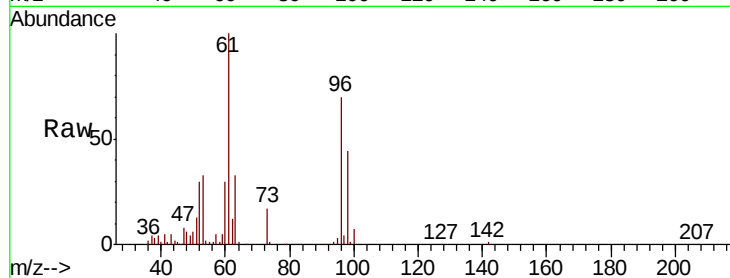
Tgt Ion: 96 Resp: 29797

Ion Ratio Lower Upper

96 100

61 143.0 107.0 160.6

98 63.6 49.8 74.6

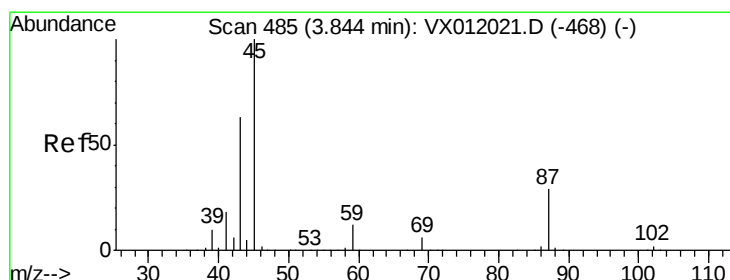
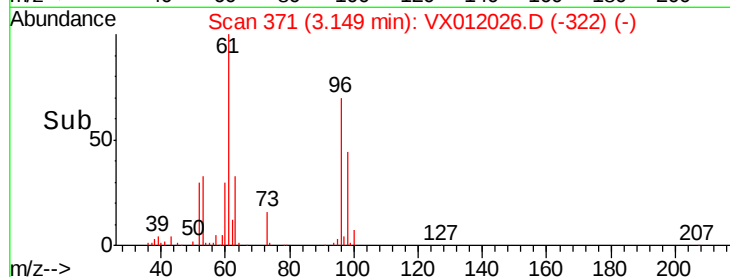
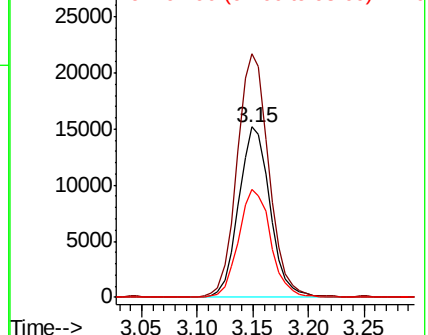


Abundance

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: 20.391 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Tgt Ion: 45 Resp: 101604

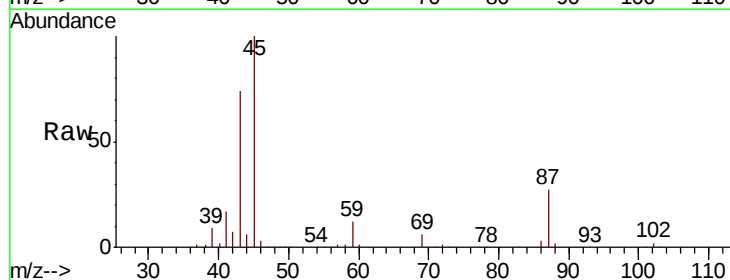
Ion Ratio Lower Upper

45 100

43 73.4 54.2 81.4

87 26.4 23.4 35.0

59 11.6 9.0 13.6



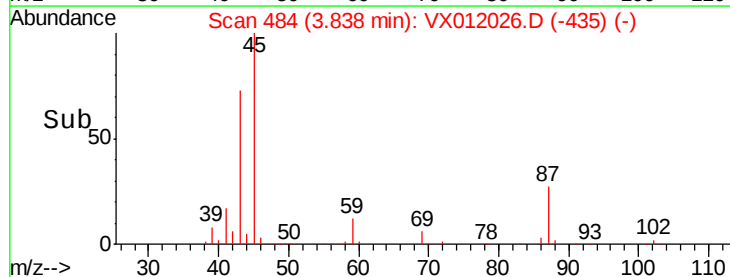
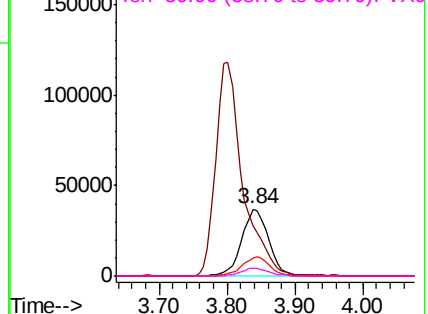
Abundance

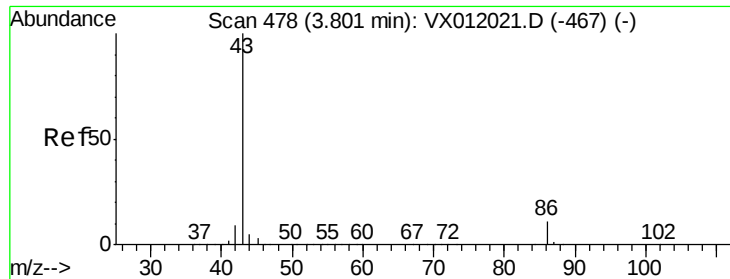
Ion 45.00 (44.70 to 45.70): VX0

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: 100.669 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

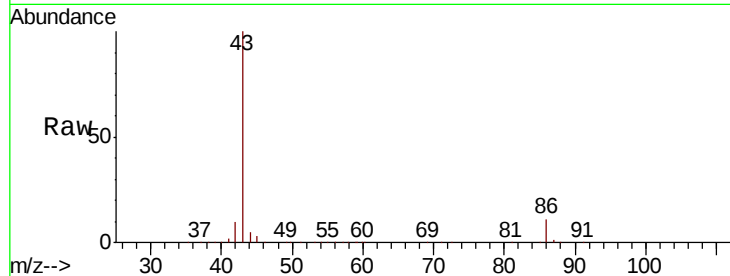
VX0903SBS01

Tgt Ion: 43 Resp: 324486

Ion Ratio Lower Upper

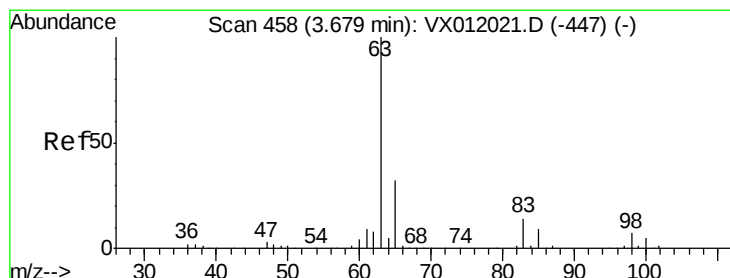
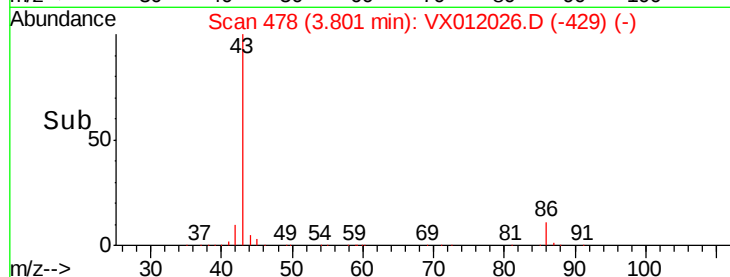
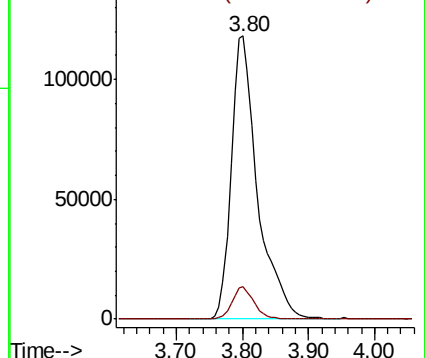
43 100

86 11.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.843 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

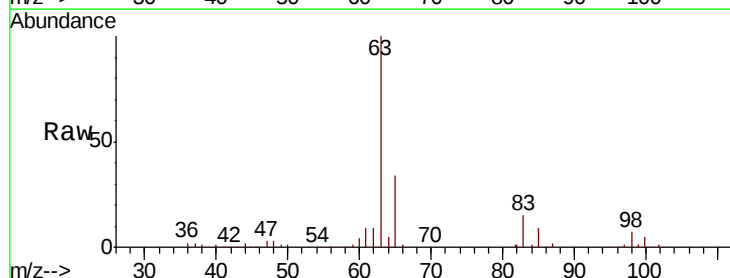
Tgt Ion: 63 Resp: 57344

Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.7

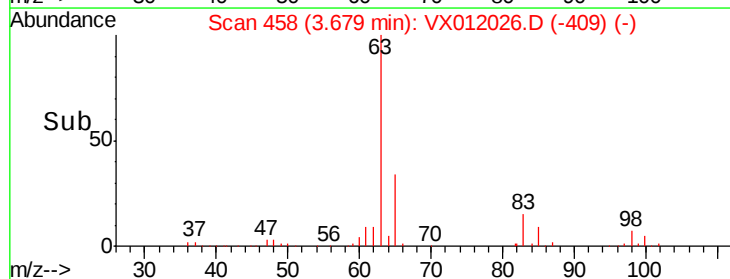
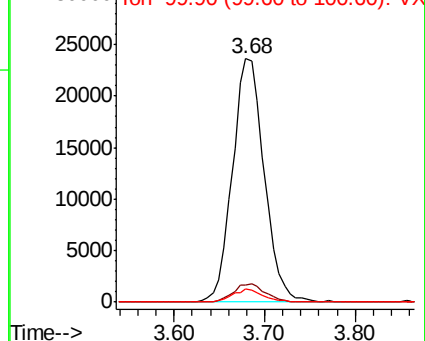
100 5.4 2.5 7.4

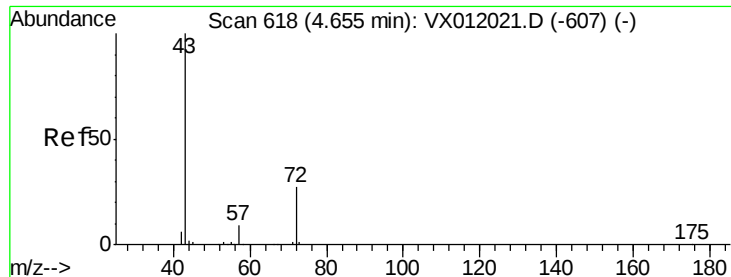


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

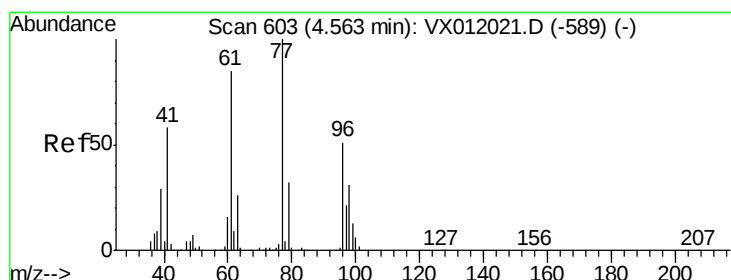
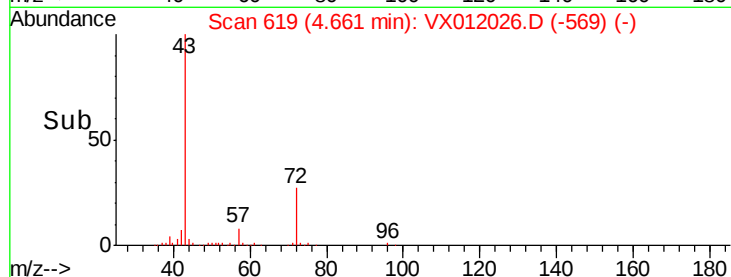
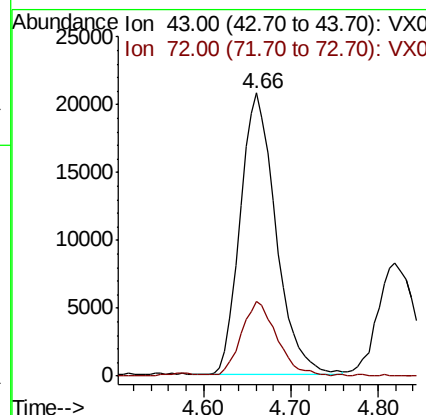
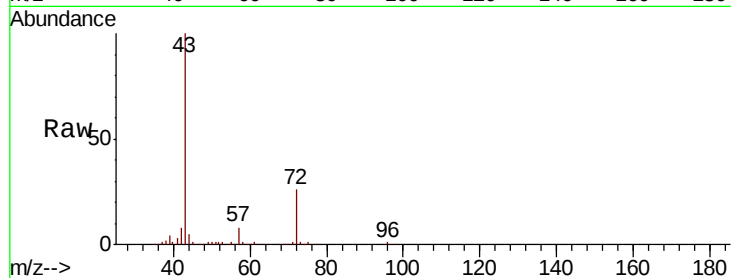




#25
2-Butanone
Concen: 101.930 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

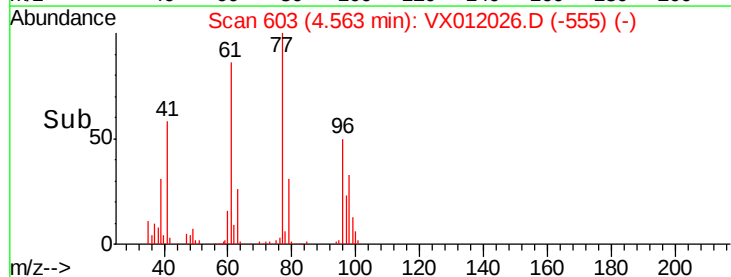
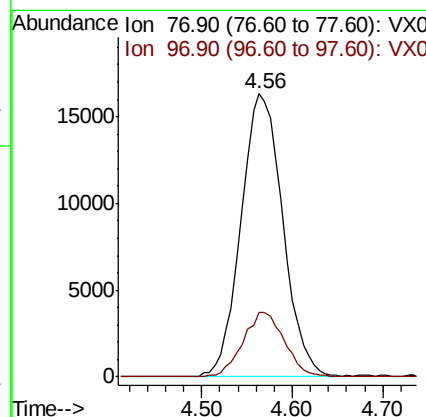
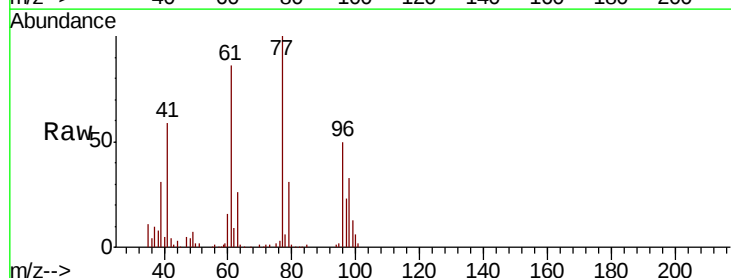
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

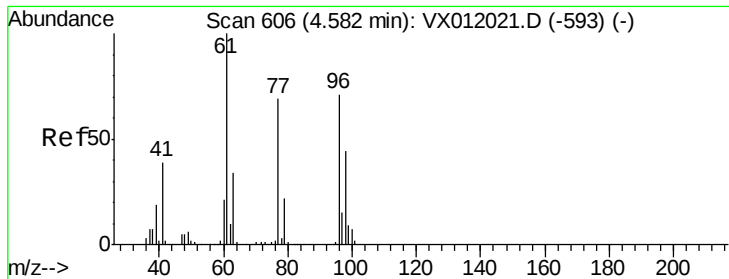
Tgt Ion: 43 Resp: 58711
Ion Ratio Lower Upper
43 100
72 26.2 21.3 31.9



#26
2,2-Dichloropropane
Concen: 19.544 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

Tgt Ion: 77 Resp: 52146
Ion Ratio Lower Upper
77 100
97 22.6 11.5 34.5



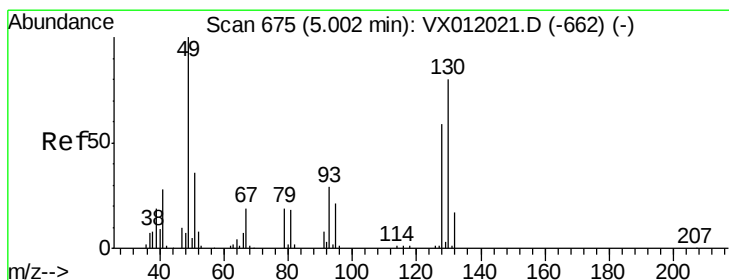
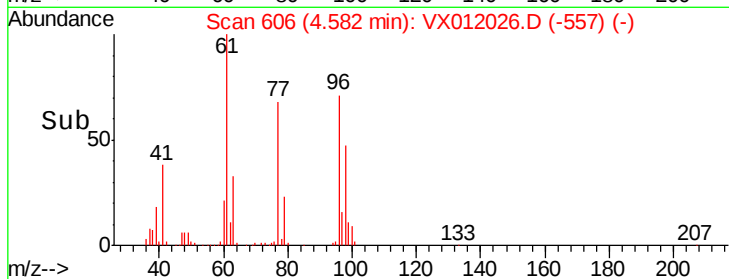
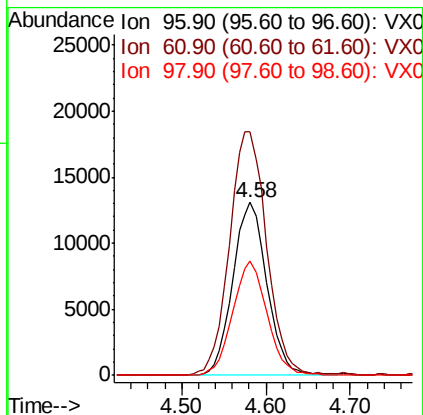
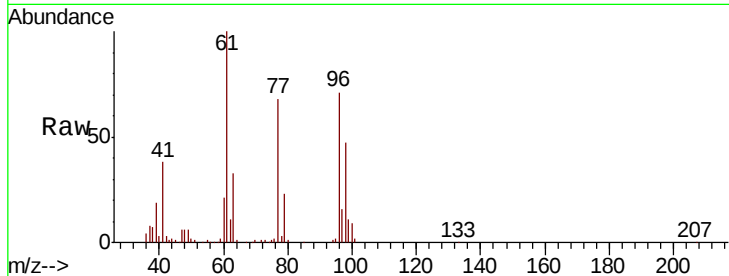


#27

cis-1,2-Dichloroethene
 Concen: 19.316 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

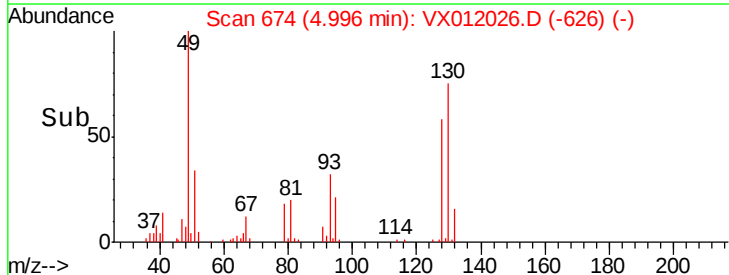
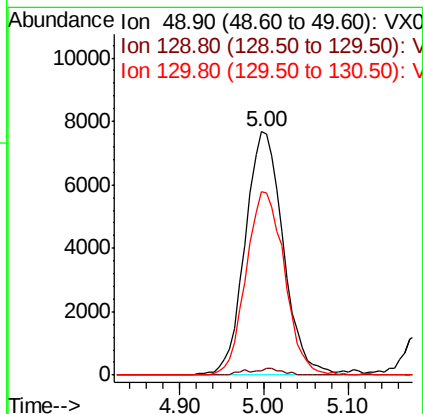
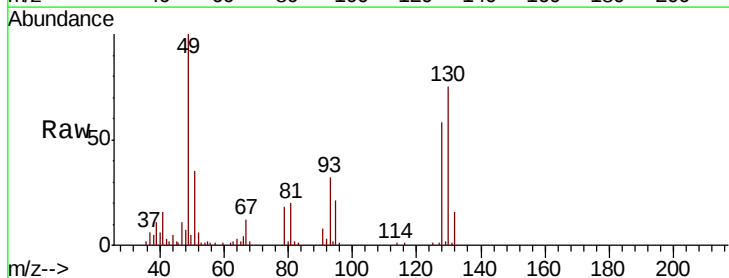
Tgt Ion: 96 Resp: 35896
 Ion Ratio Lower Upper
 96 100
 61 153.6 0.0 277.0
 98 66.4 0.0 128.4

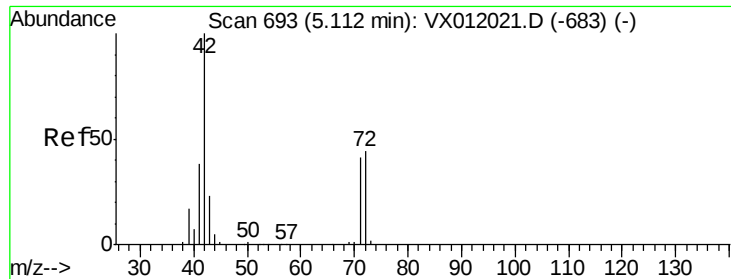


#28

Bromochloromethane
 Concen: 20.515 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

Tgt Ion: 49 Resp: 23665
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 5.6
 130 75.7 76.7 115.1#

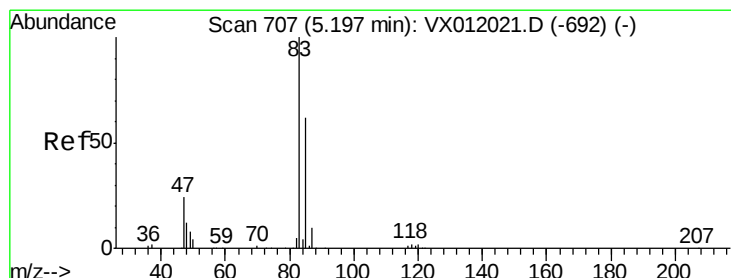
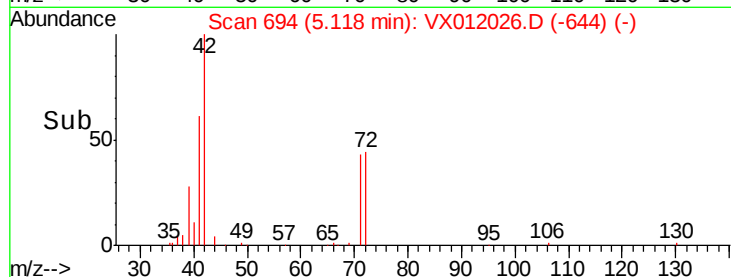
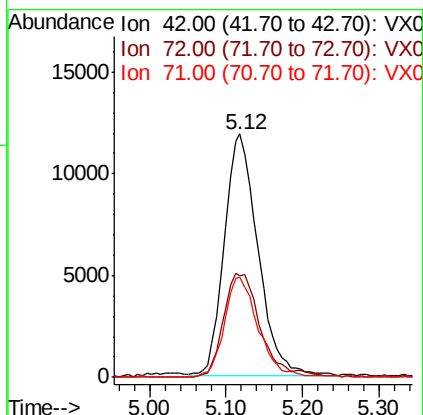
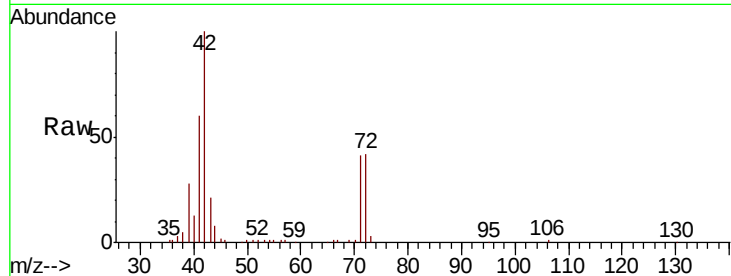




#29
Tetrahydrofuran
Concen: 103.569 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

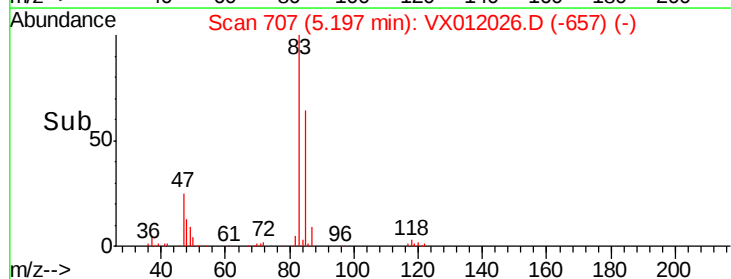
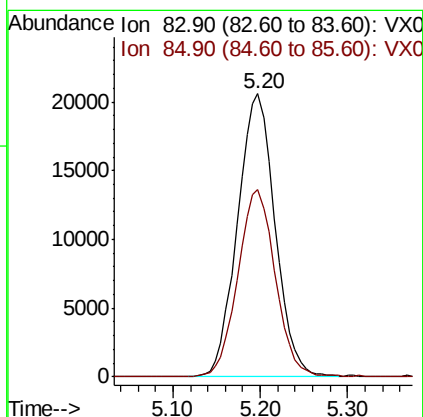
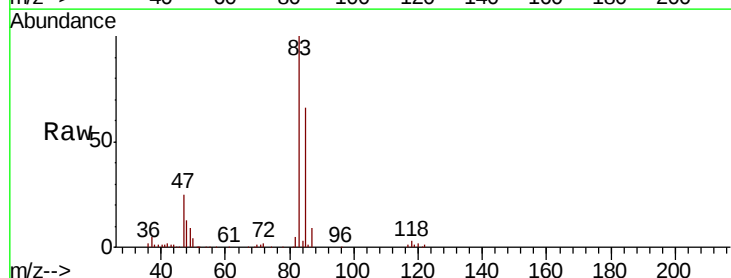
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

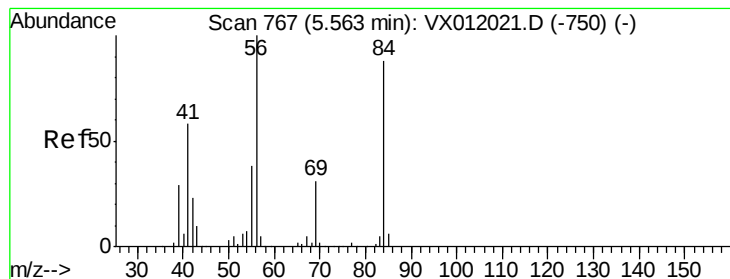
Tgt Ion: 42 Resp: 35942
Ion Ratio Lower Upper
42 100
72 47.8 37.0 55.4
71 42.1 33.8 50.8



#30
Chloroform
Concen: 19.808 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.01 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

Tgt Ion: 83 Resp: 61421
Ion Ratio Lower Upper
83 100
85 66.0 52.6 78.8





#31

Cyclohexane

Concen: 18.159 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBS01

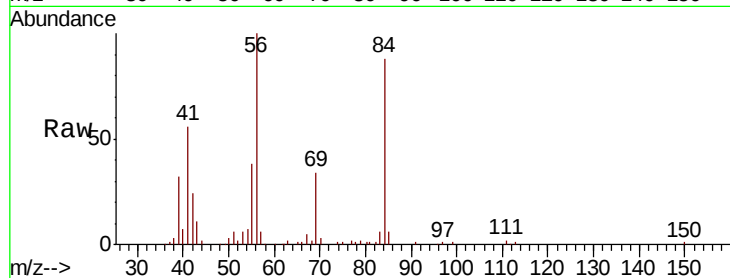
Tgt Ion: 56 Resp: 42146

Ion Ratio Lower Upper

56 100

69 34.3 25.7 38.5

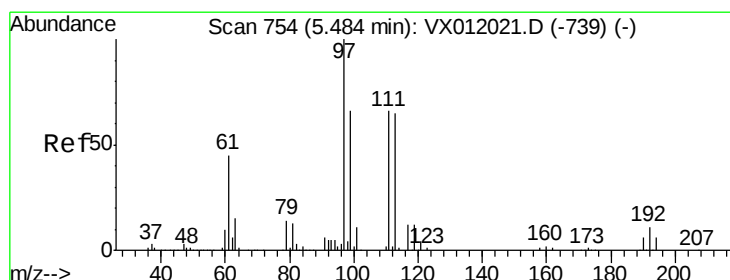
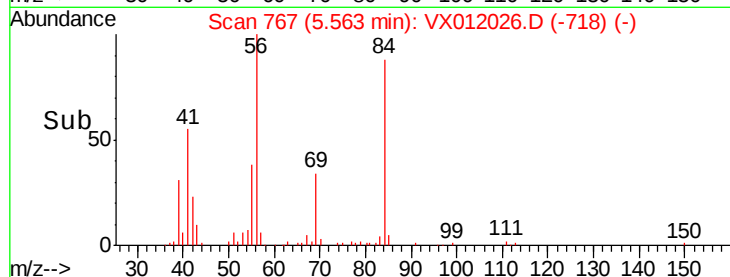
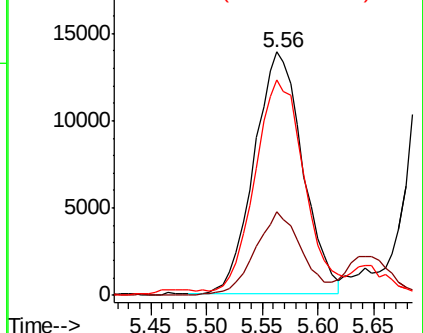
84 86.8 70.3 105.5



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: 19.828 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

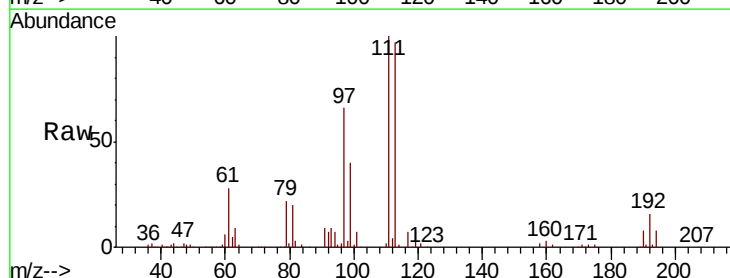
Tgt Ion: 97 Resp: 53550

Ion Ratio Lower Upper

97 100

99 63.0 52.1 78.1

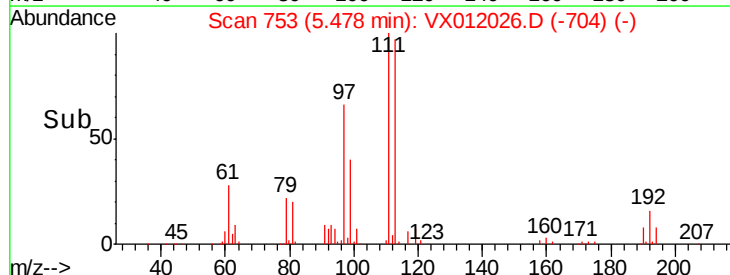
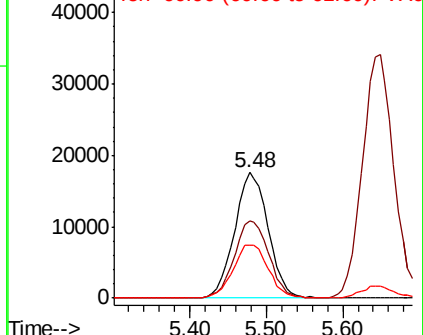
61 44.6 32.8 49.2

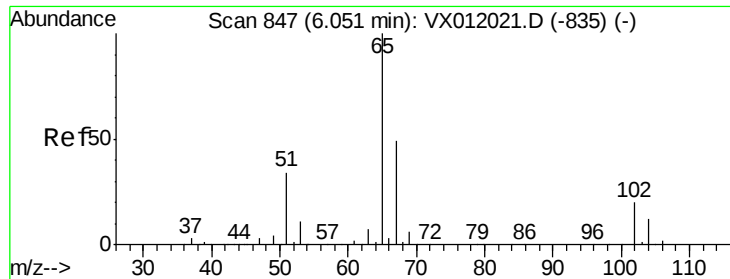


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

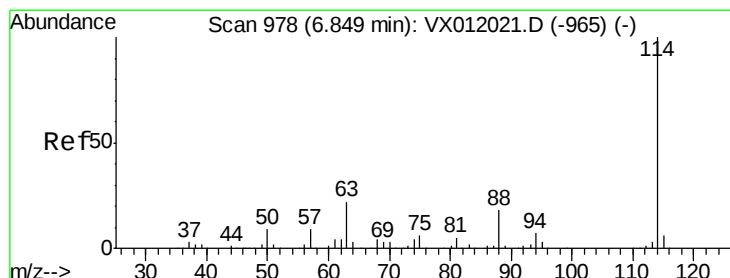
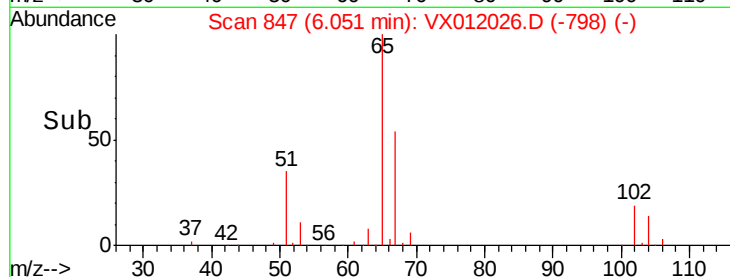
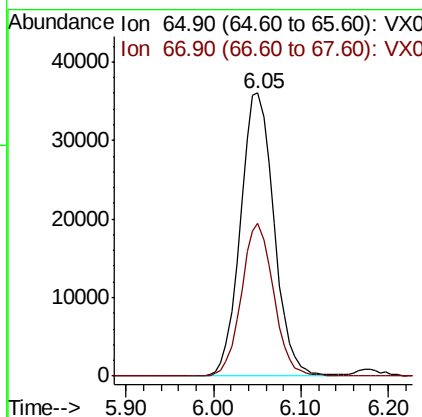
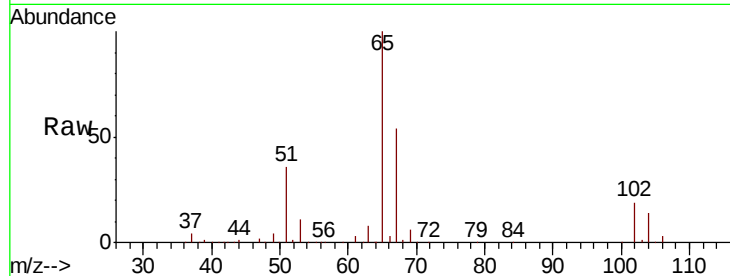




#33
 1,2-Dichloroethane-d4
 Concen: 50.856 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

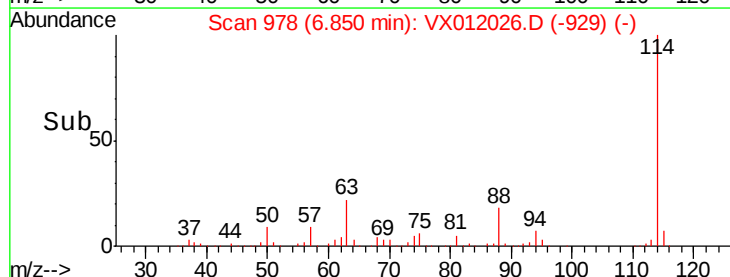
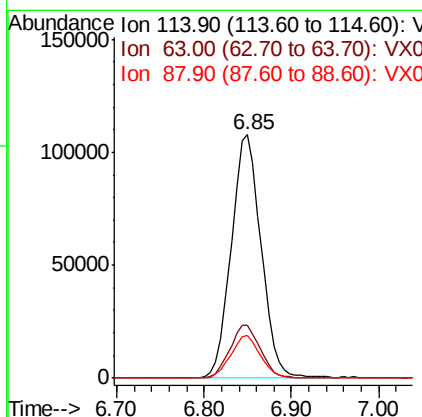
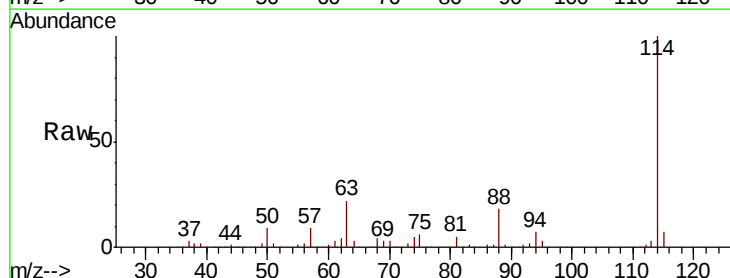
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

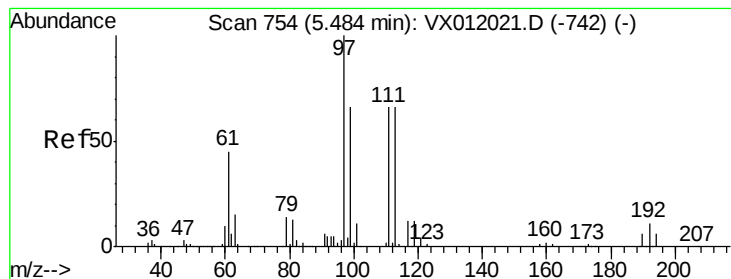
Tgt Ion: 65 Resp: 96276
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

Tgt Ion: 114 Resp: 256119
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 37.4
 88 17.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.673 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBS01

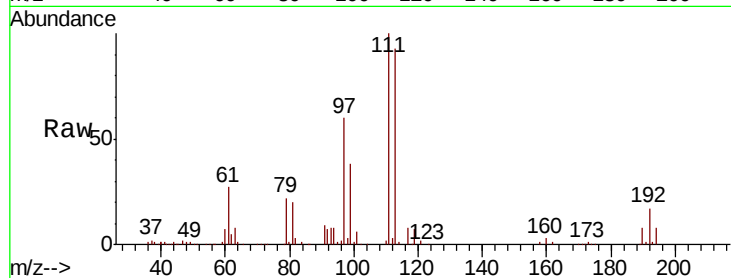
Tgt Ion:113 Resp: 78238

Ion Ratio Lower Upper

113 100

111 102.8 81.7 122.5

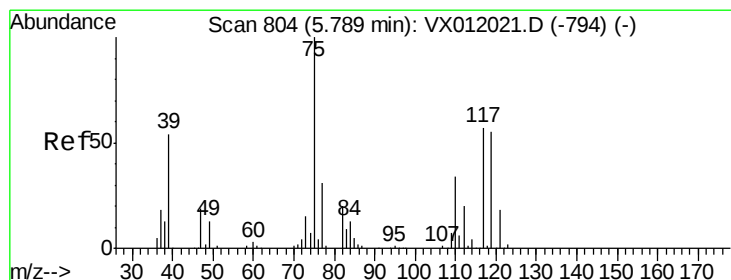
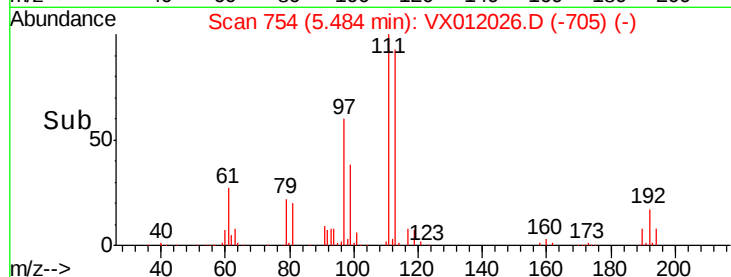
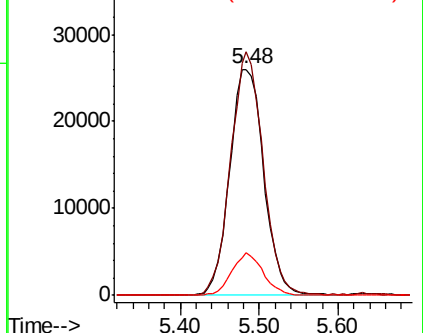
192 17.2 22.5 33.7#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.134 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

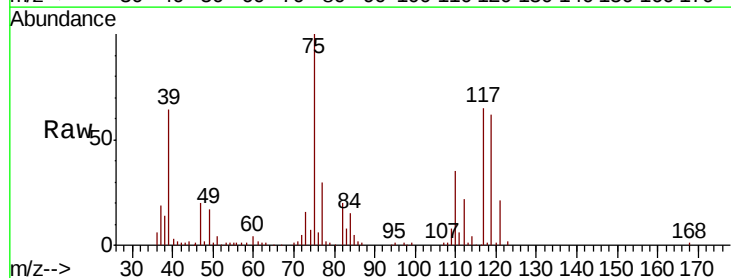
Tgt Ion: 75 Resp: 40906

Ion Ratio Lower Upper

75 100

110 36.0 19.5 58.5

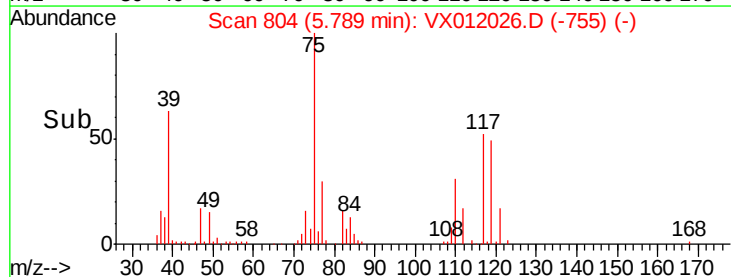
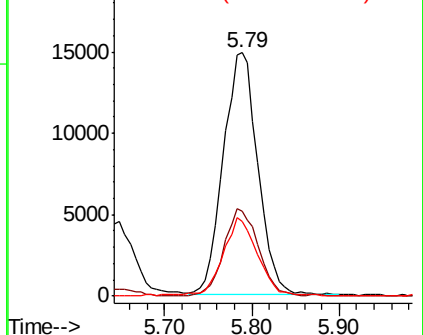
77 31.1 24.6 37.0

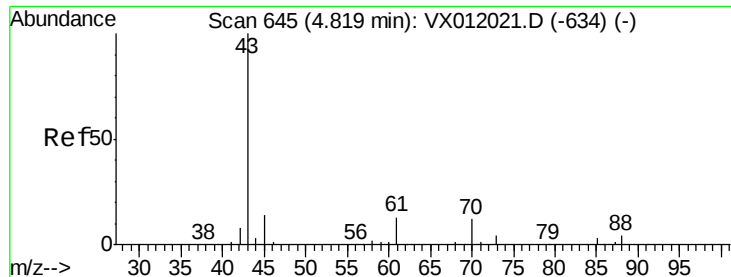


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

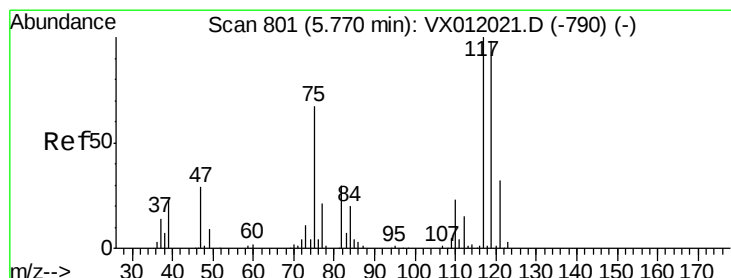
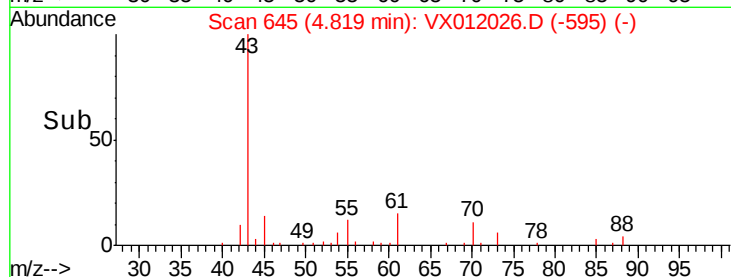
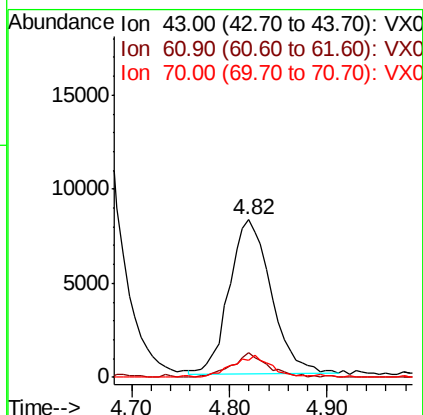
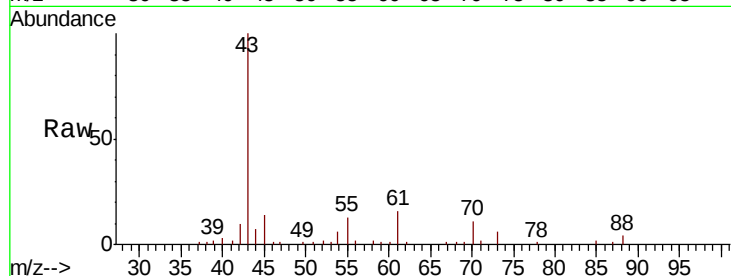




#37
Ethyl Acetate
Concen: 19.952 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

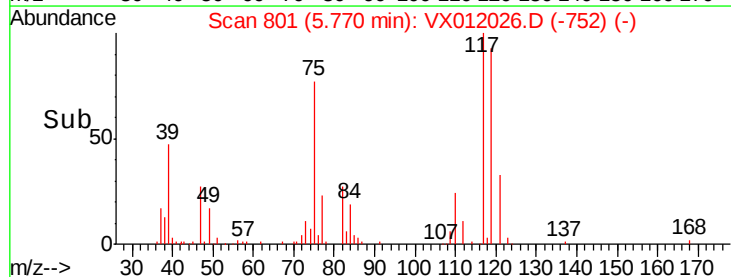
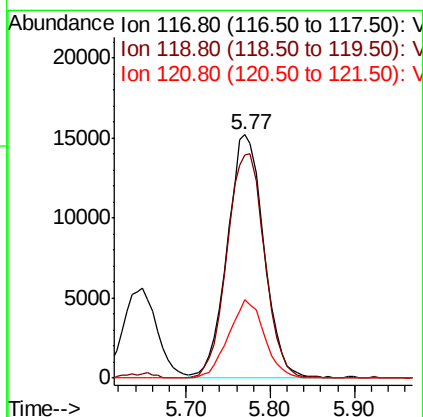
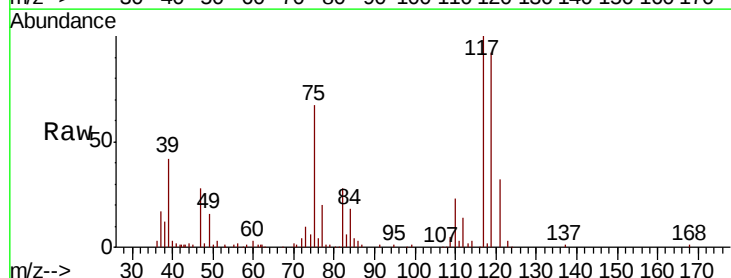
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

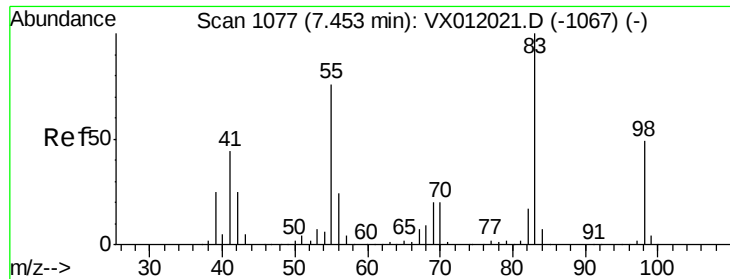
Tgt Ion: 43 Resp: 24474
Ion Ratio Lower Upper
43 100
61 13.8 10.9 16.3
70 13.2 9.4 14.0



#38
Carbon Tetrachloride
Concen: 18.802 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

Tgt Ion: 117 Resp: 44692
Ion Ratio Lower Upper
117 100
119 91.9 78.3 117.5
121 32.2 24.2 36.2

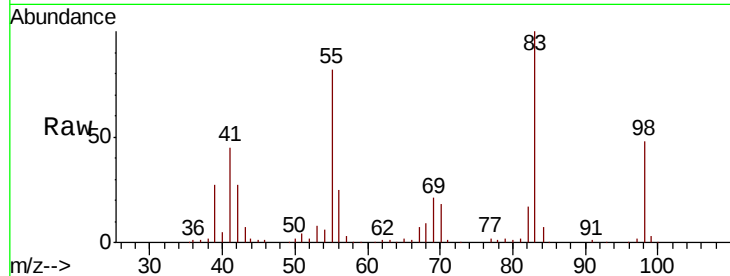




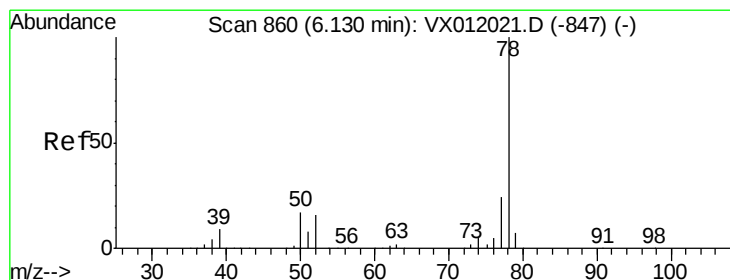
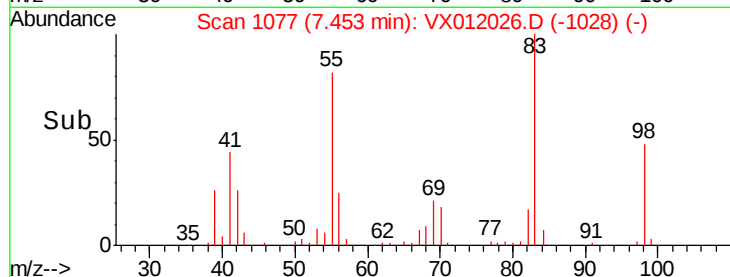
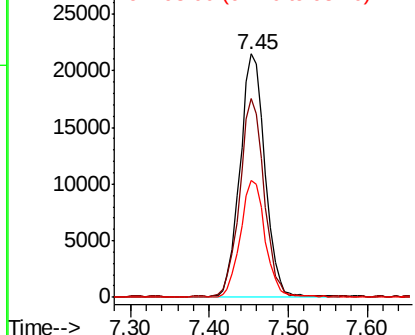
#39
Methylcyclohexane
Concen: 18.161 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

Tgt Ion: 83 Resp: 47547
Ion Ratio Lower Upper
83 100
55 81.3 59.6 89.4
98 47.8 41.4 62.0

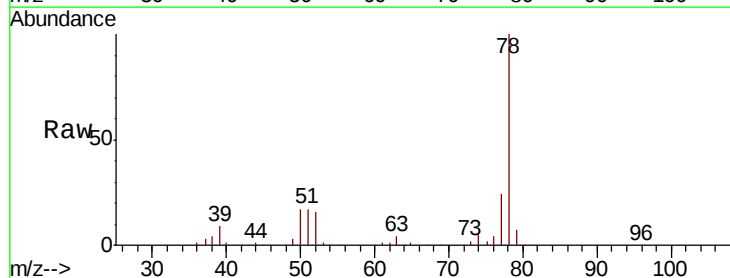


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

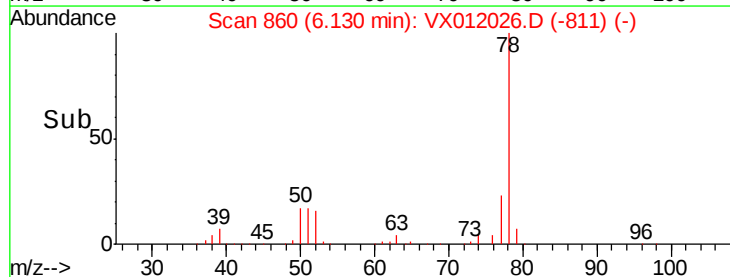
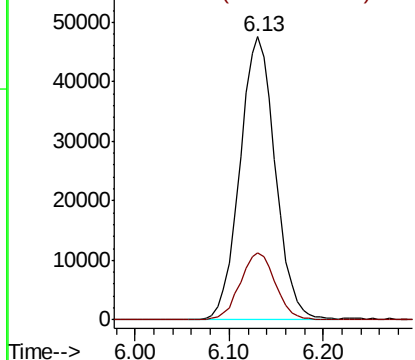


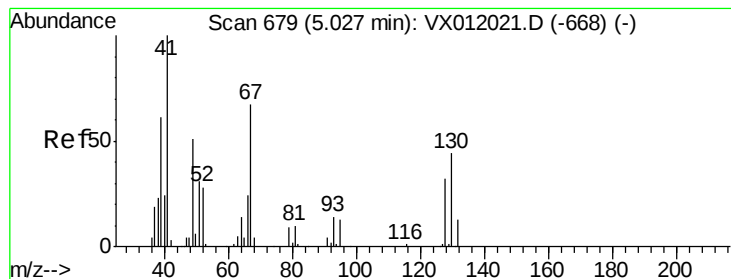
#40
Benzene
Concen: 19.304 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

Tgt Ion: 78 Resp: 125007
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9



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





#41

Methacrylonitrile

Concen: 20.705 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampled :

VX0903SBS01

Tgt Ion: 41 Resp: 15146

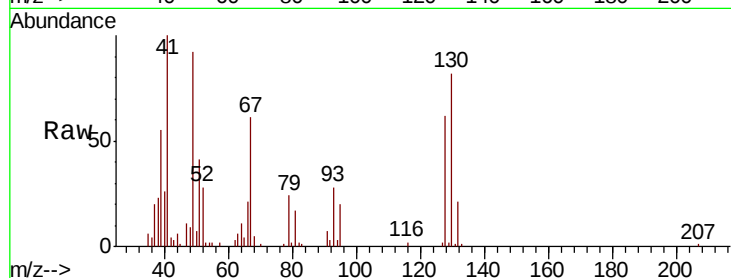
Ion Ratio Lower Upper

41 100

39 56.5 46.7 70.1

67 70.8 57.0 85.6

52 32.1 23.5 35.3

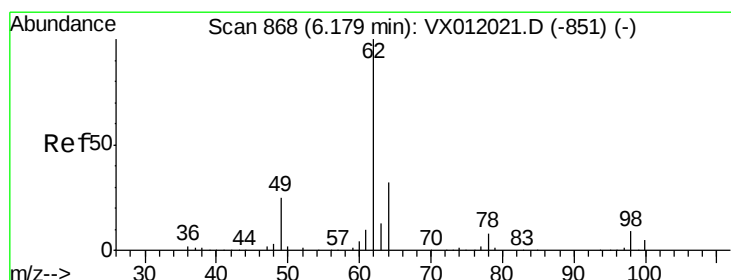
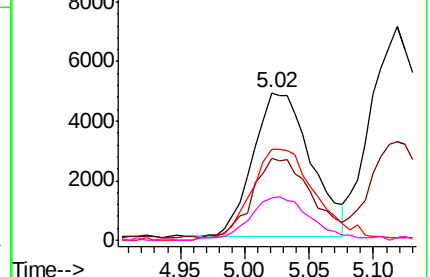
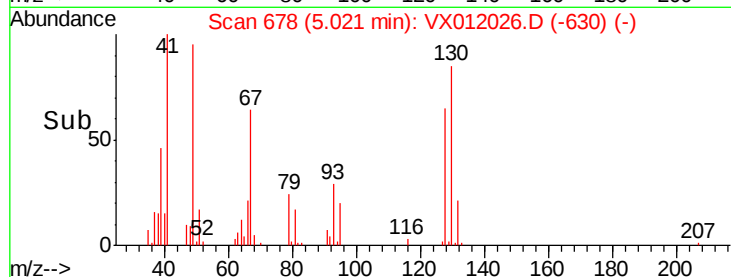


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.954 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012026.D

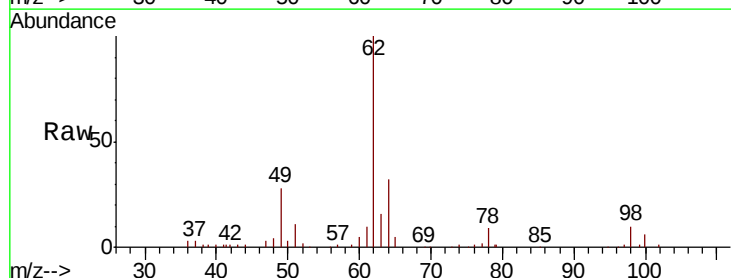
Acq: 03 Sep 2019 17:06

Tgt Ion: 62 Resp: 46502

Ion Ratio Lower Upper

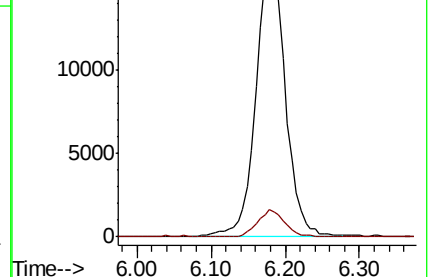
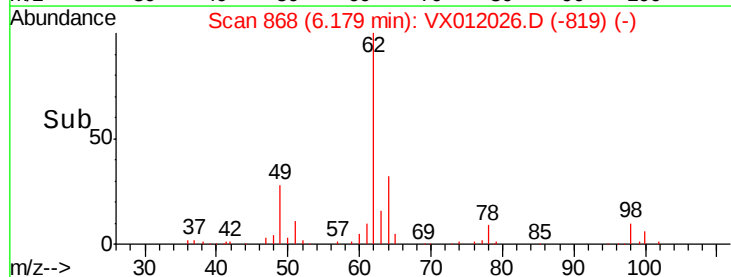
62 100

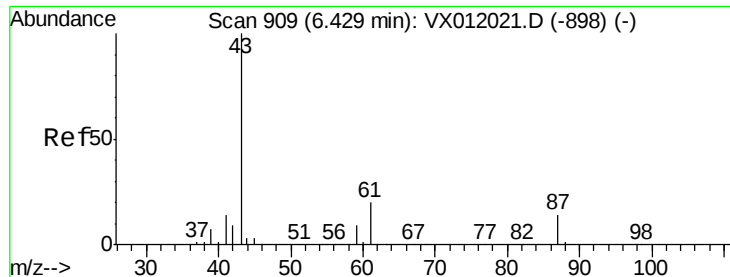
98 8.9 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.164 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBS01

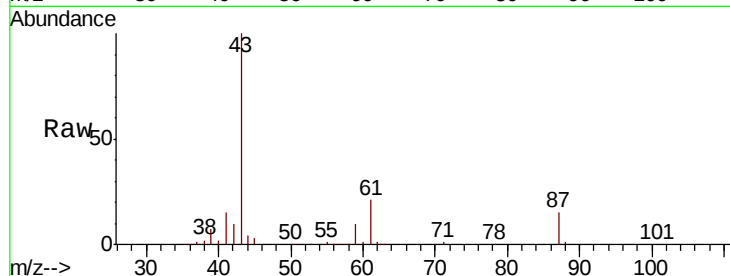
Tgt Ion: 43 Resp: 50293

Ion Ratio Lower Upper

43 100

61 20.5 16.1 24.1

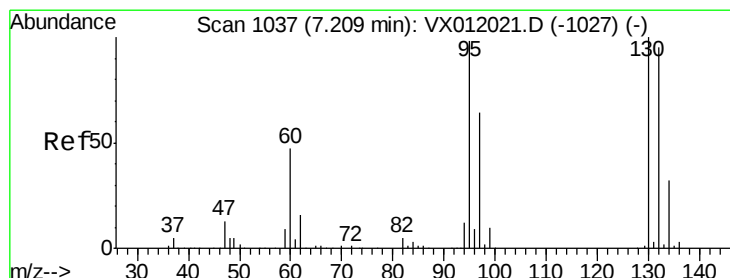
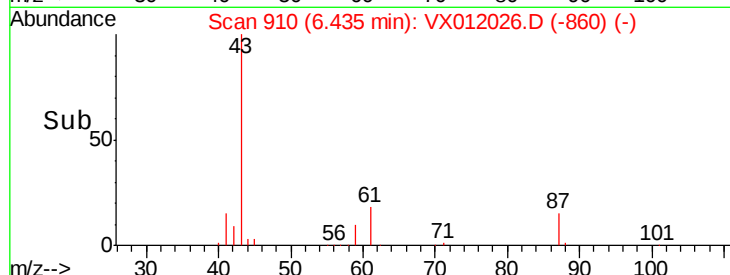
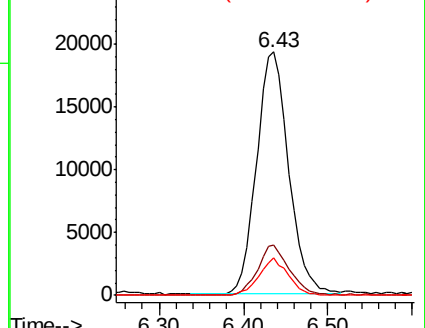
87 14.1 11.3 16.9



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: 18.881 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012026.D

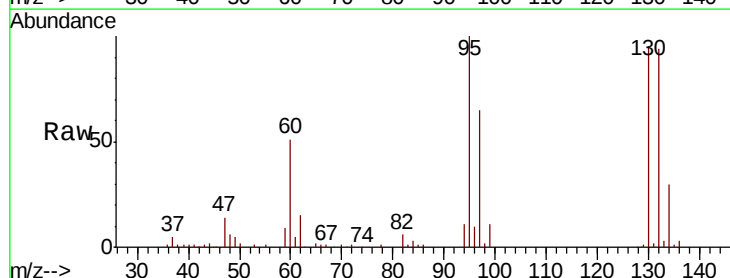
Acq: 03 Sep 2019 17:06

Tgt Ion: 130 Resp: 32979

Ion Ratio Lower Upper

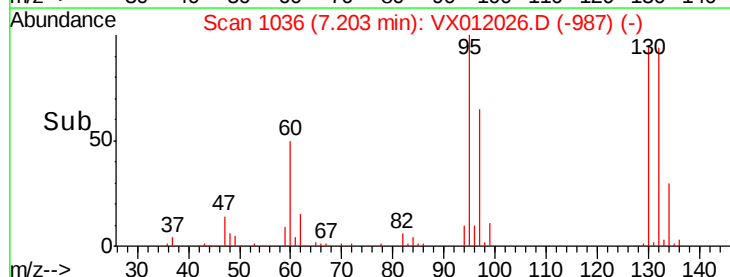
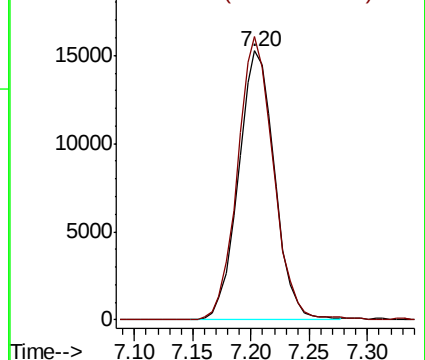
130 100

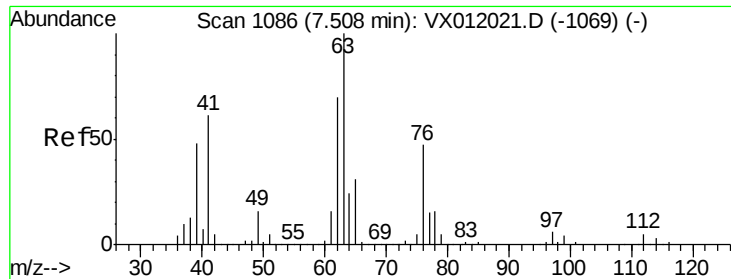
95 104.9 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

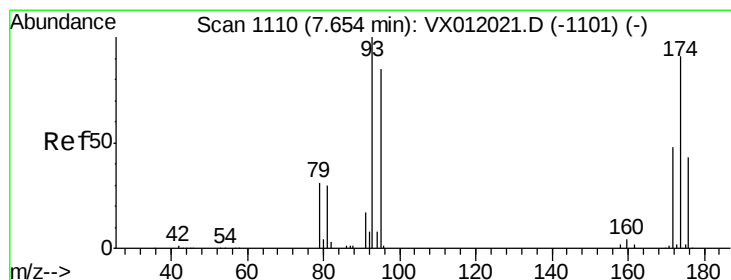
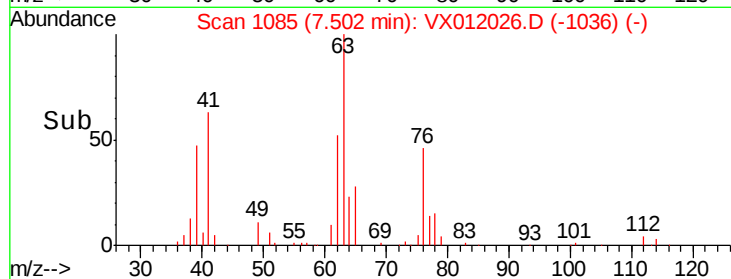
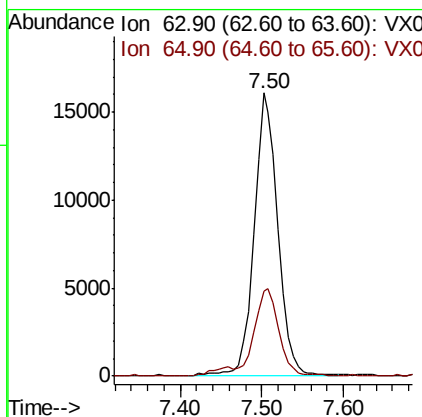
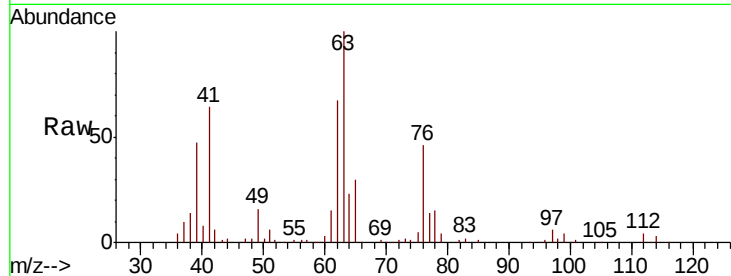




#45
 1,2-Dichloropropane
 Concen: 19.629 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

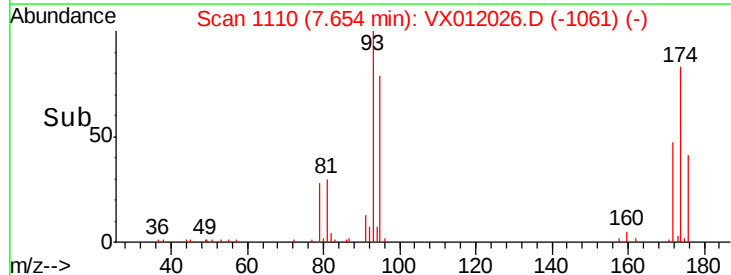
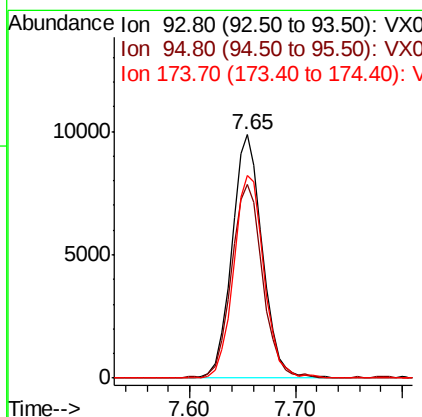
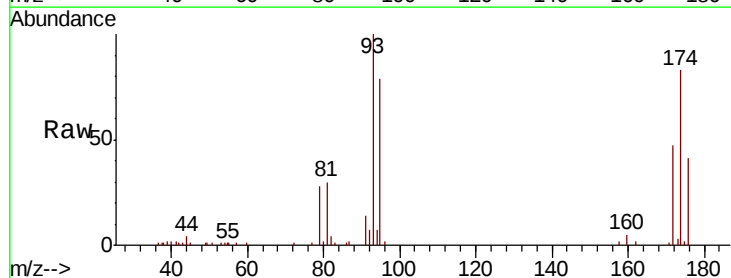
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

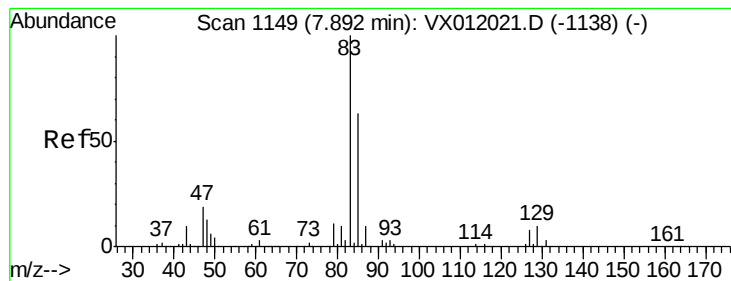
Tgt Ion: 63 Resp: 32842
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.6



#46
 Dibromomethane
 Concen: 20.198 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

Tgt Ion: 93 Resp: 19728
 Ion Ratio Lower Upper
 93 100
 95 81.3 66.2 99.2
 174 83.5 110.2 165.4#





#47

Bromodichloromethane

Concen: 19.921 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBS01

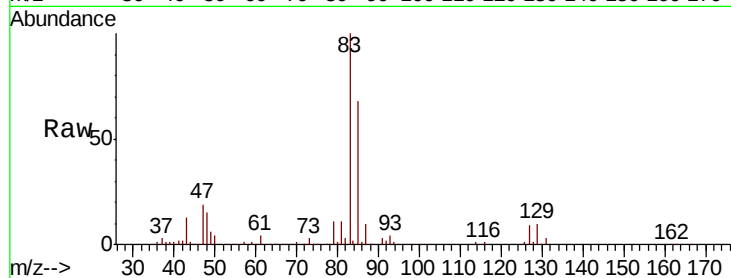
Tgt Ion: 83 Resp: 49456

Ion Ratio Lower Upper

83 100

85 67.7 50.3 75.5

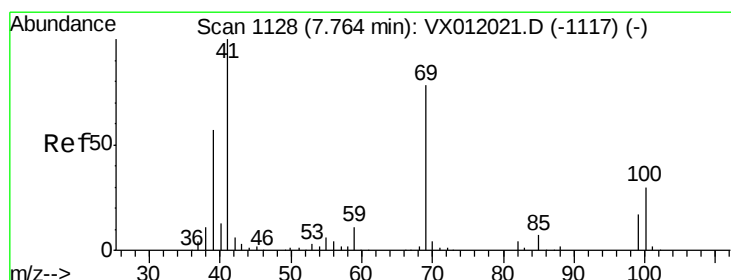
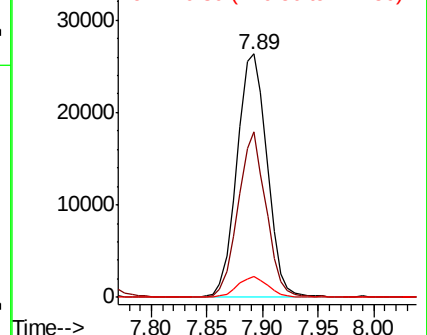
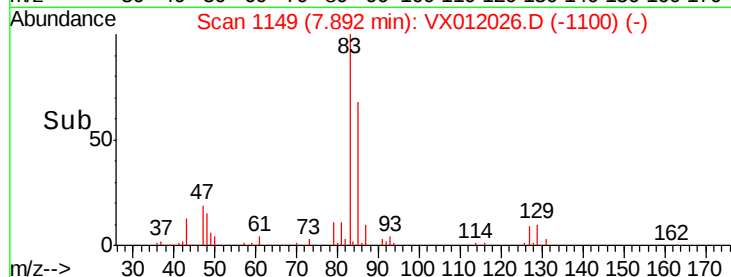
127 8.7 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.795 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

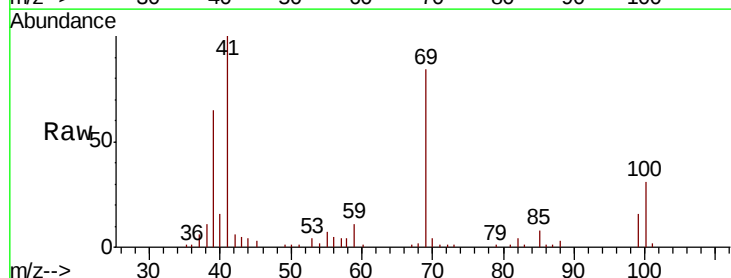
Tgt Ion: 41 Resp: 24825

Ion Ratio Lower Upper

41 100

69 81.7 66.3 99.5

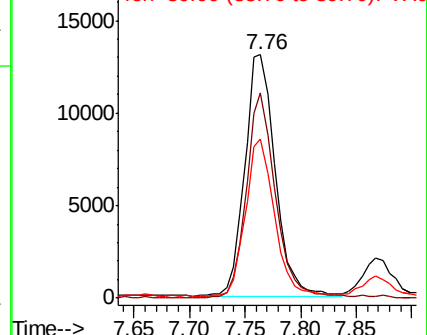
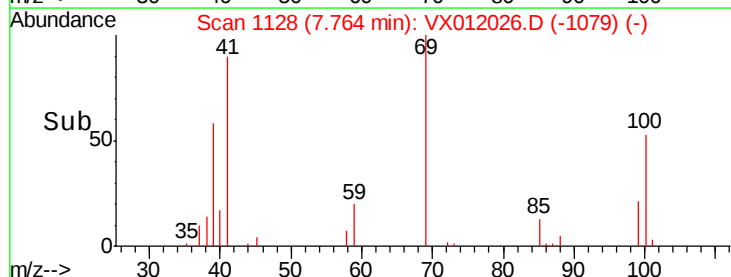
39 62.6 48.1 72.1

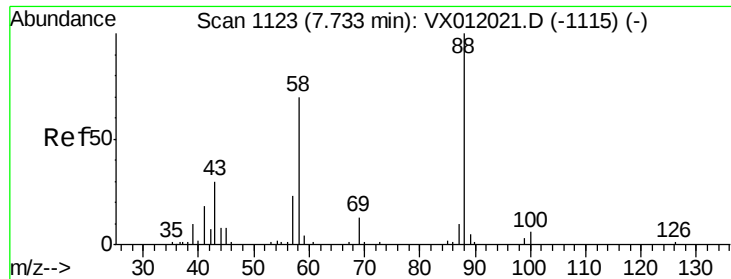


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

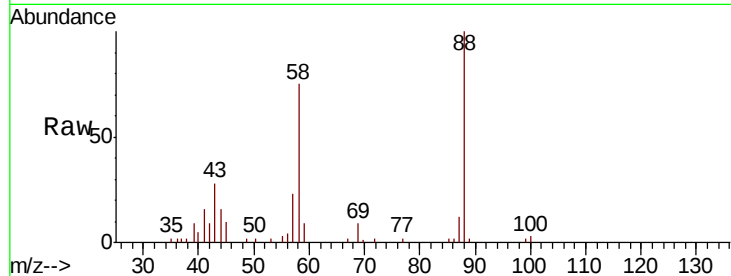




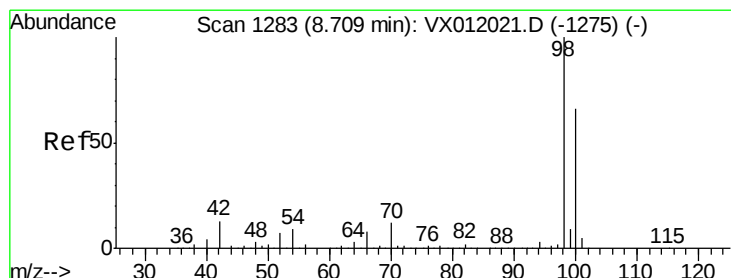
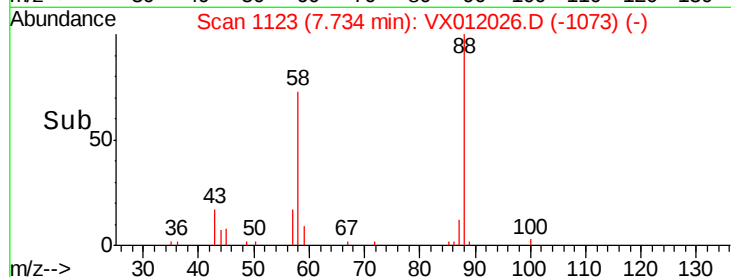
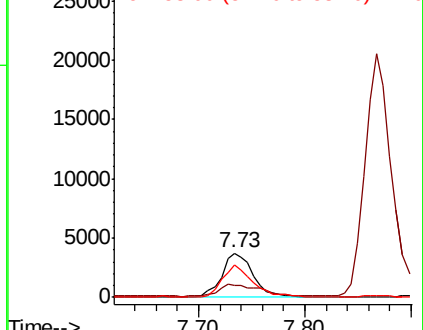
#49
1,4-Dioxane
Concen: 448.754 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

Tgt Ion: 88 Resp: 7672
Ion Ratio Lower Upper
88 100
43 39.6 29.8 44.6
58 71.6 55.4 83.2

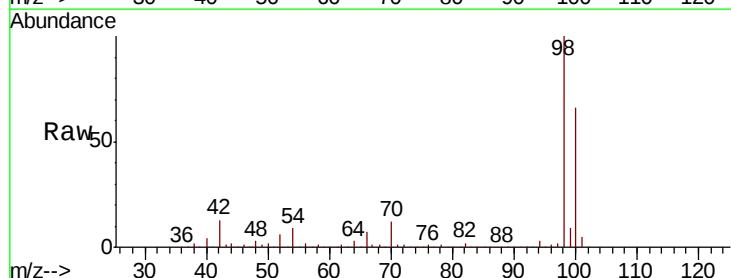


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

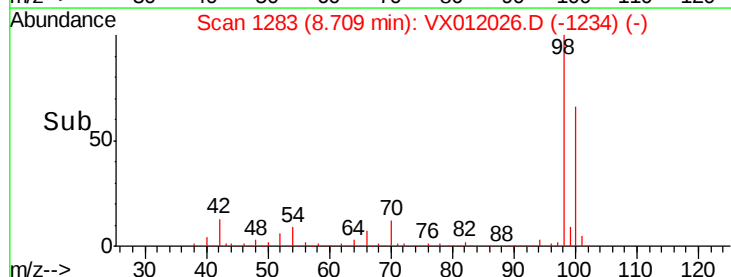
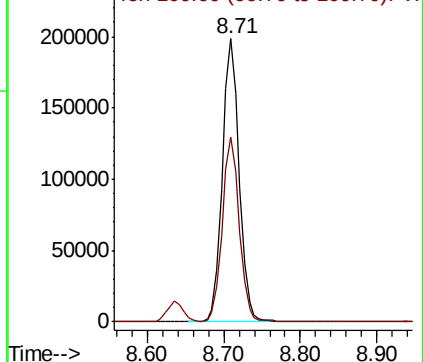


#50
Toluene-d8
Concen: 52.272 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

Tgt Ion: 98 Resp: 302121
Ion Ratio Lower Upper
98 100
100 65.3 53.3 79.9



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: 102.528 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

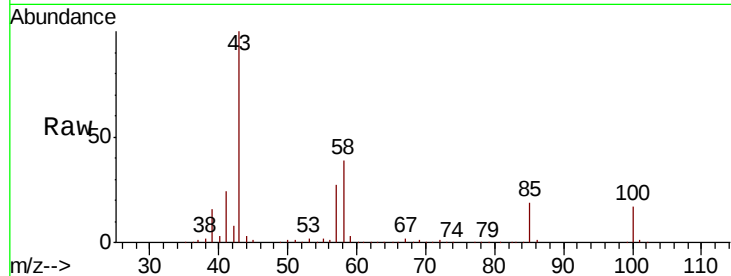
VX0903SBS01

Tgt Ion: 43 Resp: 130073

Ion Ratio Lower Upper

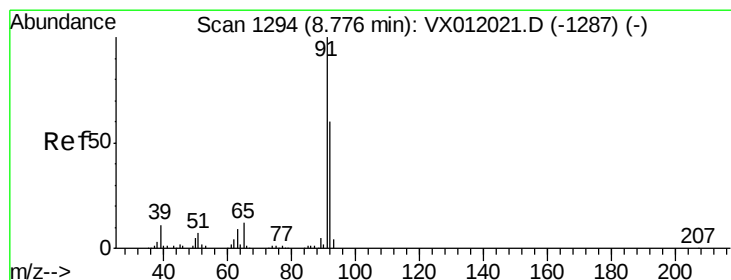
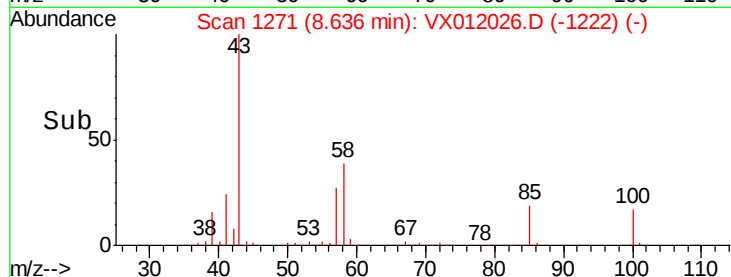
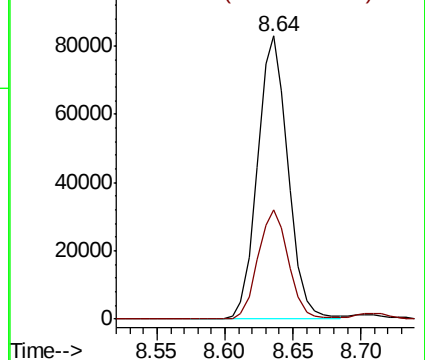
43 100

58 38.6 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.328 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012026.D

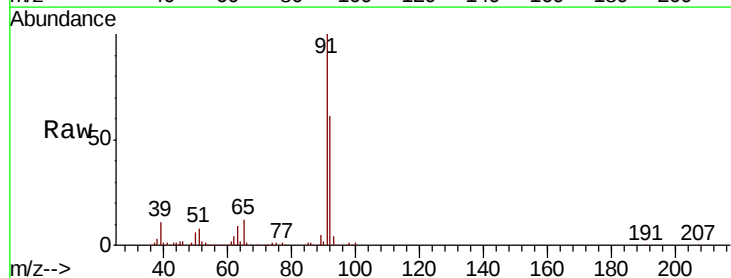
Acq: 03 Sep 2019 17:06

Tgt Ion: 92 Resp: 81439

Ion Ratio Lower Upper

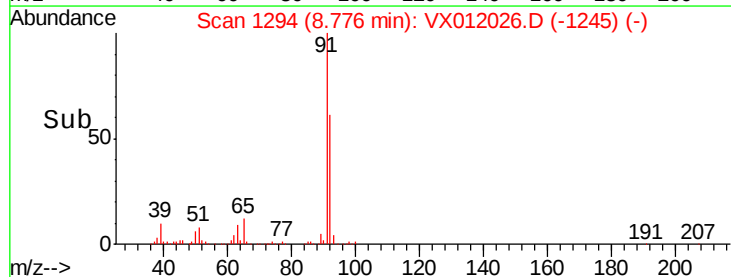
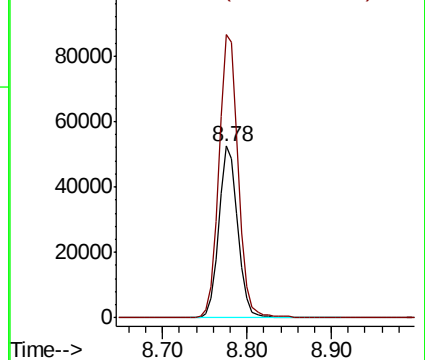
92 100

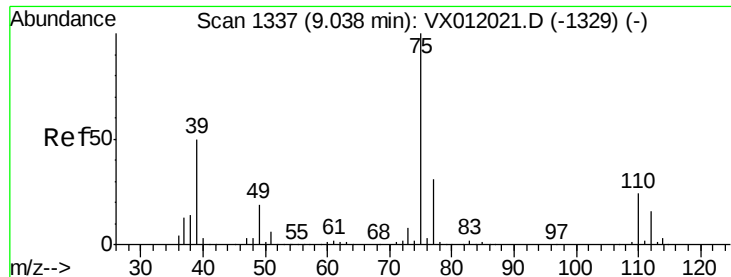
91 168.3 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

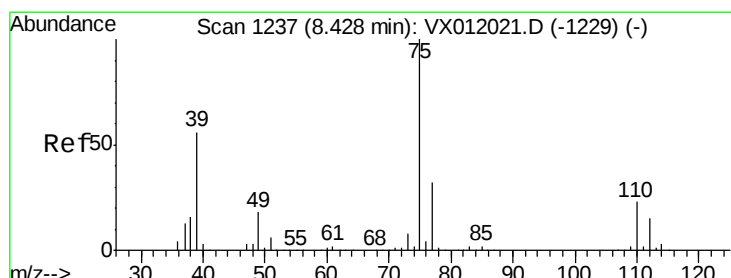
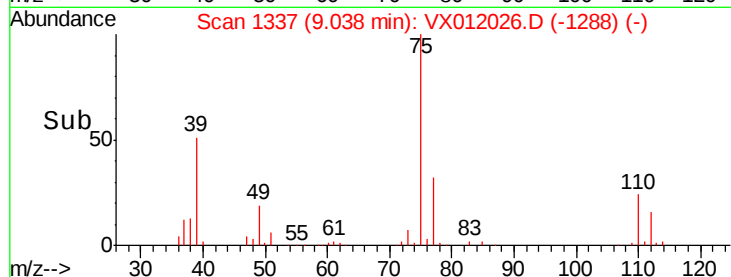
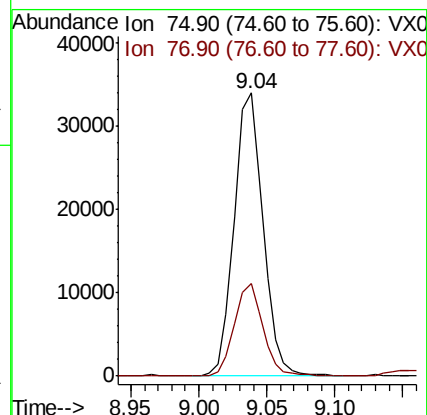
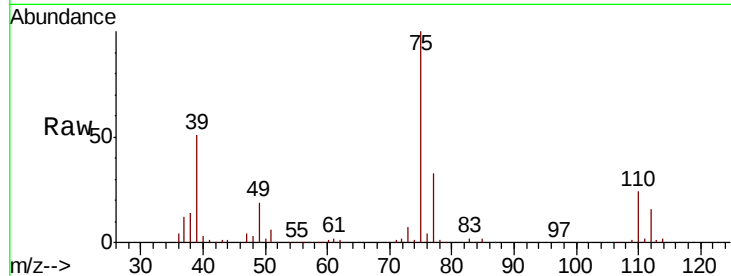




#53
t-1,3-Dichloropropene
Concen: 19.638 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

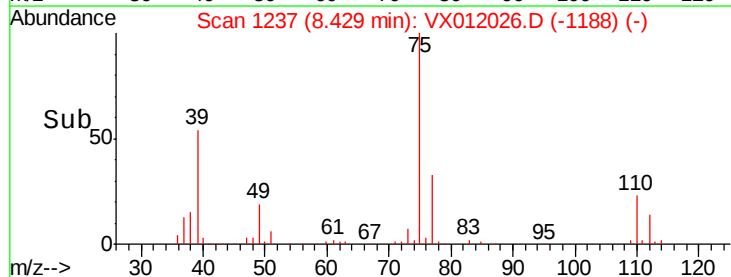
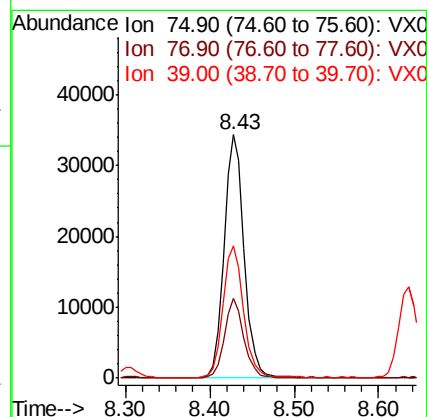
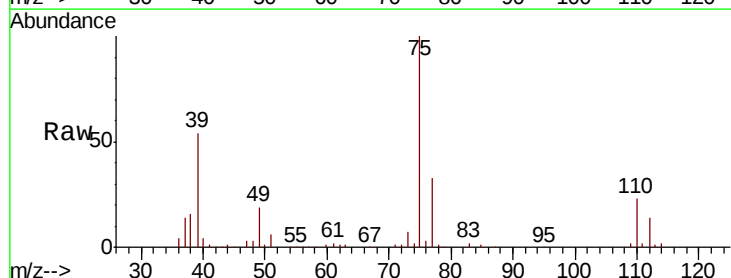
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

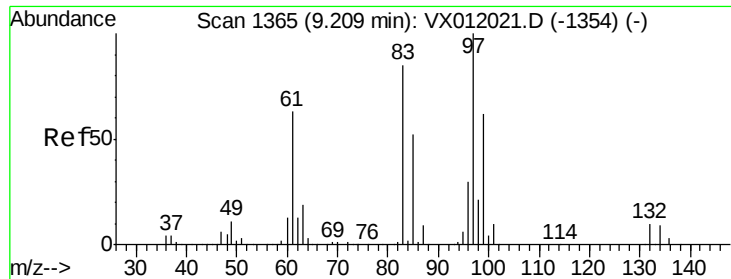
Tgt Ion: 75 Resp: 50475
Ion Ratio Lower Upper
75 100
77 32.3 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 19.512 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

Tgt Ion: 75 Resp: 55770
Ion Ratio Lower Upper
75 100
77 32.6 25.5 38.3
39 53.9 43.0 64.4

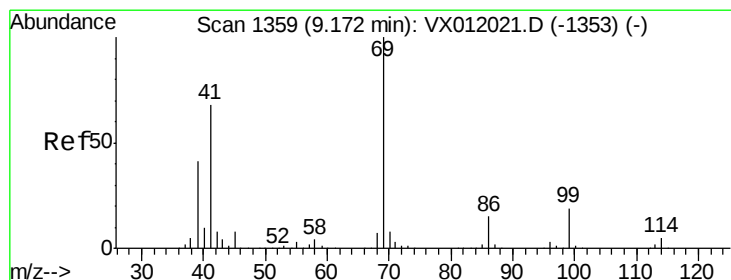
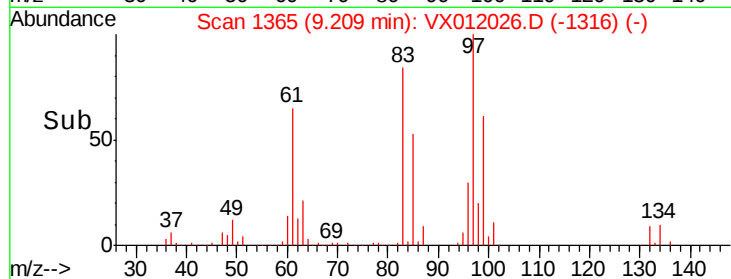
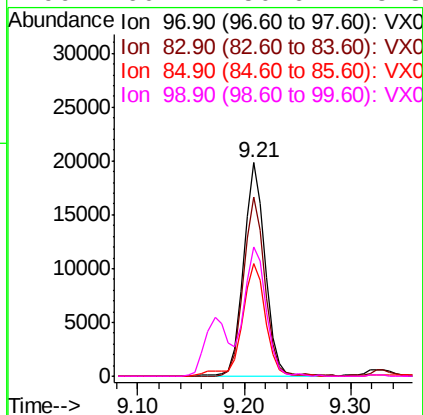
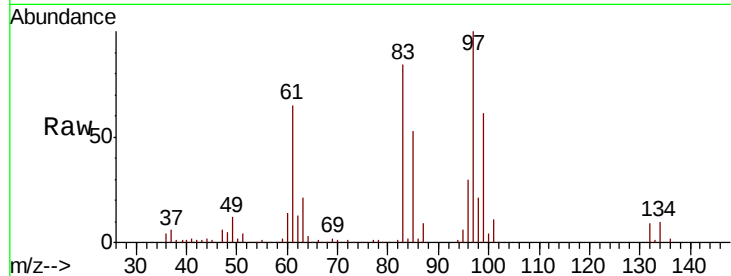




#55
 1,1,2-Trichloroethane
 Concen: 20.255 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

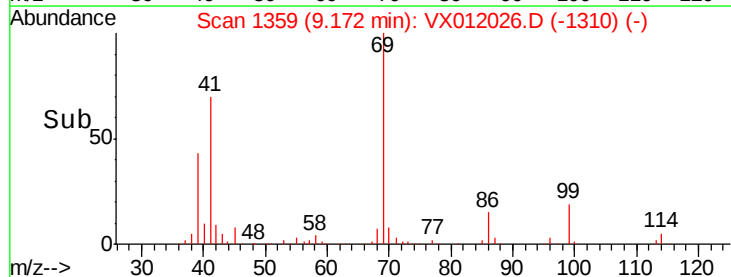
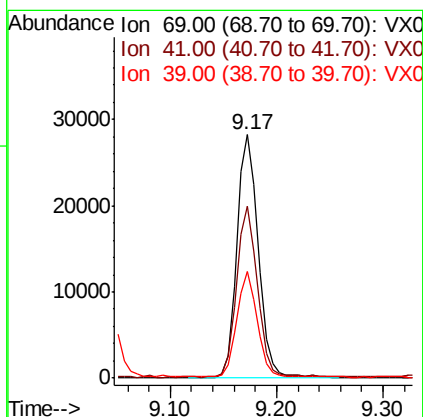
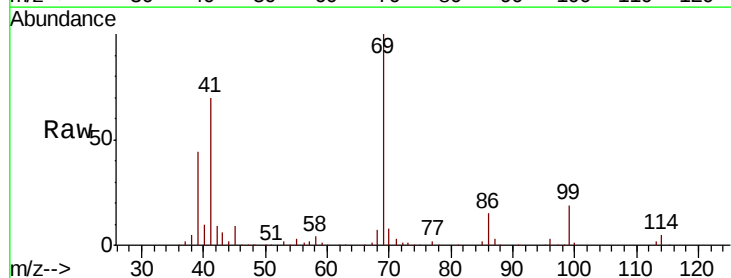
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

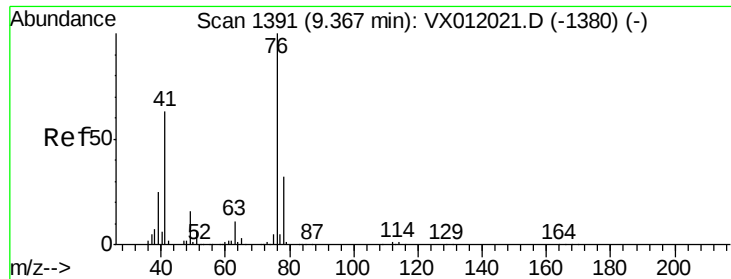
Tgt Ion:	97	Resp:	28283
Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.0	99.0
85	52.9	41.0	61.6
99	60.7	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 20.018 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

Tgt Ion:	69	Resp:	40039
Ion	Ratio	Lower	Upper
69	100		
41	68.6	53.9	80.9
39	41.3	31.1	46.7





#57

1,3-Dichloropropane

Concen: 20.013 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

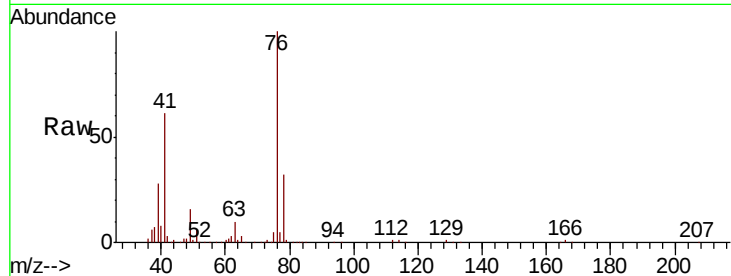
VX0903SBS01

Tgt Ion: 76 Resp: 48223

Ion Ratio Lower Upper

76 100

78 32.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

30000

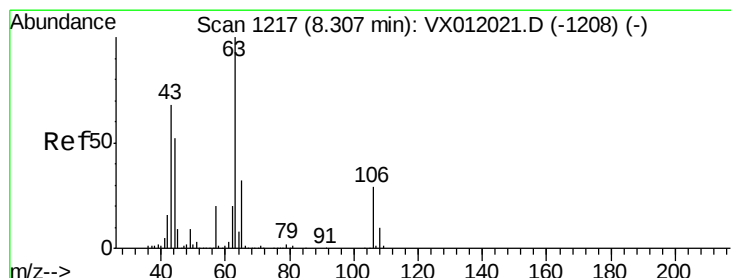
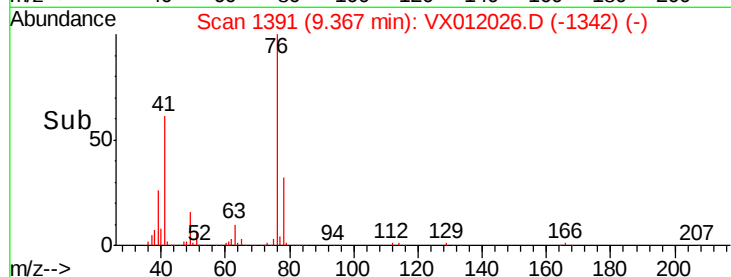
20000

10000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 104.121 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012026.D

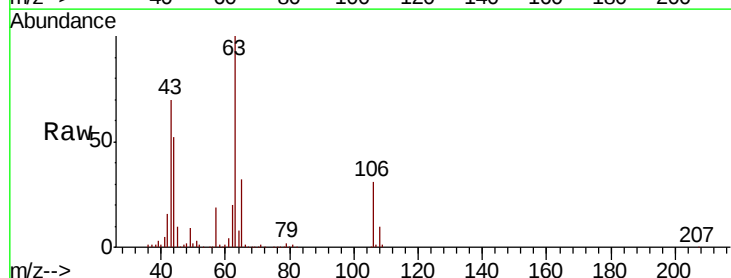
Acq: 03 Sep 2019 17:06

Tgt Ion: 63 Resp: 93889

Ion Ratio Lower Upper

63 100

106 29.9 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

60000

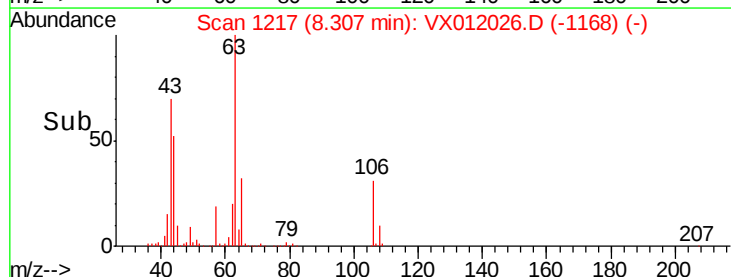
40000

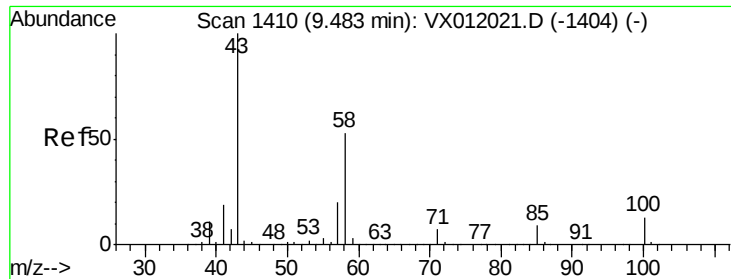
20000

0

8.20 8.30 8.40

Time-->

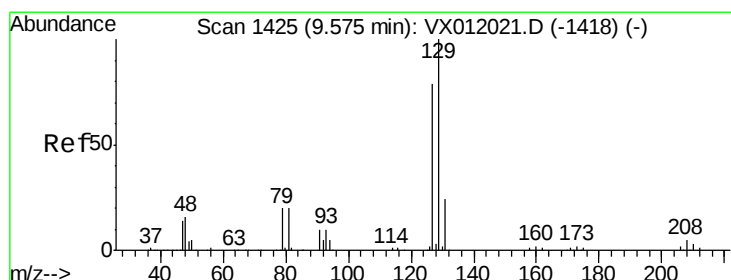
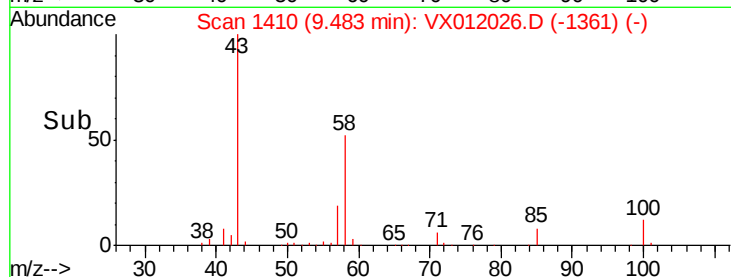
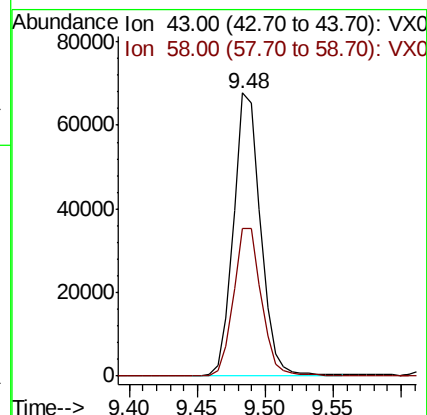
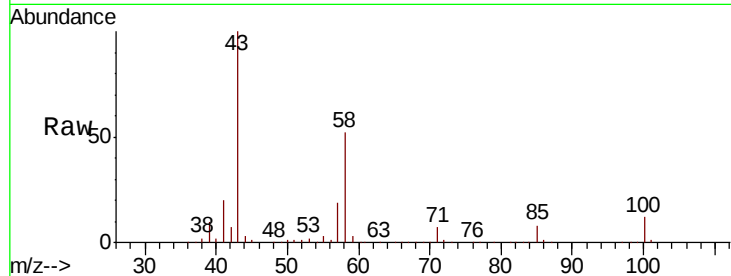




#59
2-Hexanone
Concen: 100.965 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

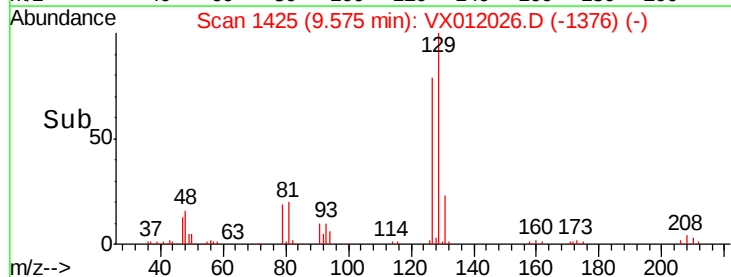
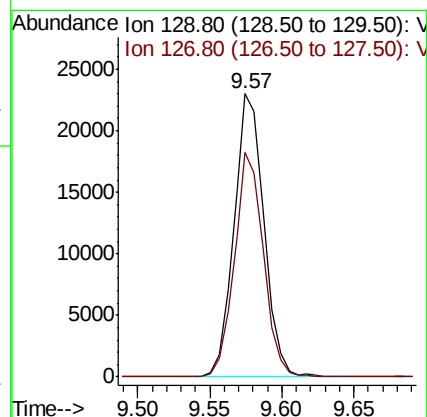
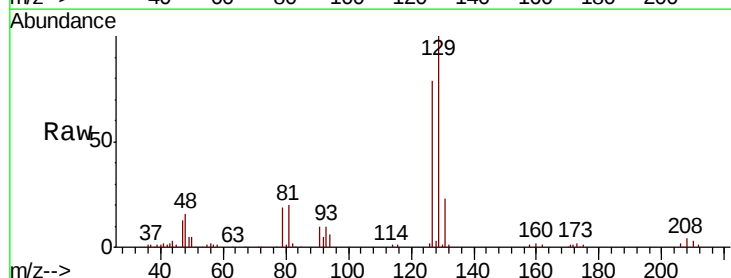
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

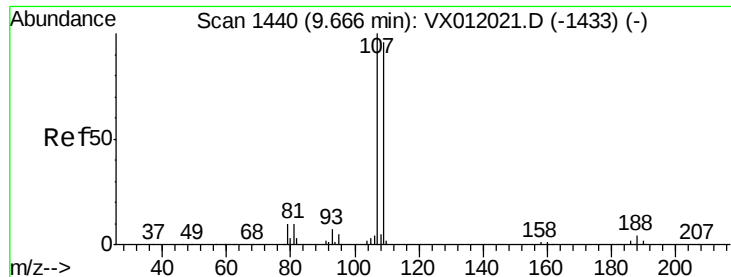
Tgt Ion: 43 Resp: 93464
Ion Ratio Lower Upper
43 100
58 54.2 27.2 81.6



#60
Dibromochloromethane
Concen: 20.029 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

Tgt Ion: 129 Resp: 33333
Ion Ratio Lower Upper
129 100
127 76.8 38.1 114.5





#61

1,2-Dibromoethane

Concen: 19.927 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

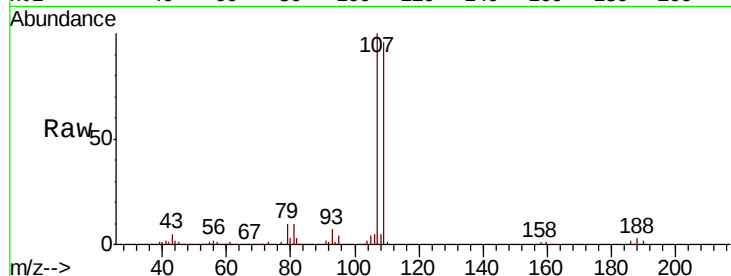
VX0903SBS01

Tgt Ion: 107 Resp: 26888

Ion Ratio Lower Upper

107 100

109 93.4 76.9 115.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

20000

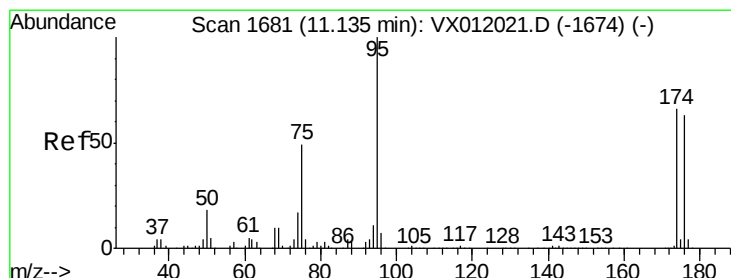
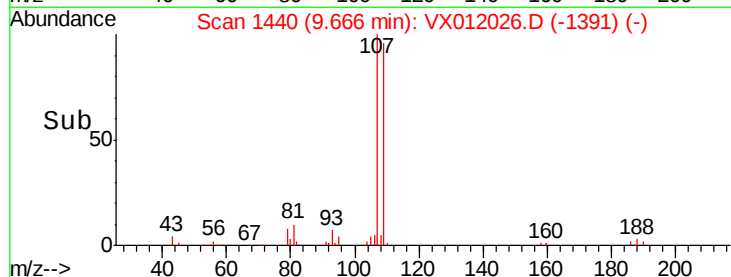
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.639 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

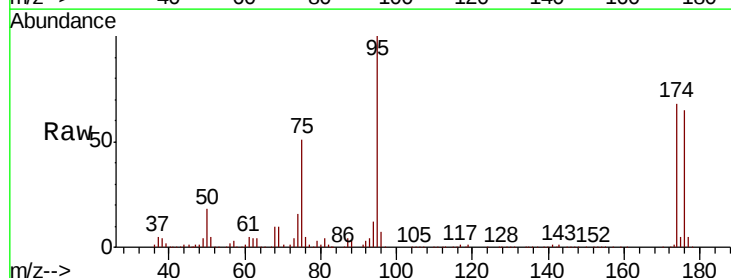
Tgt Ion: 95 Resp: 130738

Ion Ratio Lower Upper

95 100

174 64.7 0.0 205.4

176 60.8 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

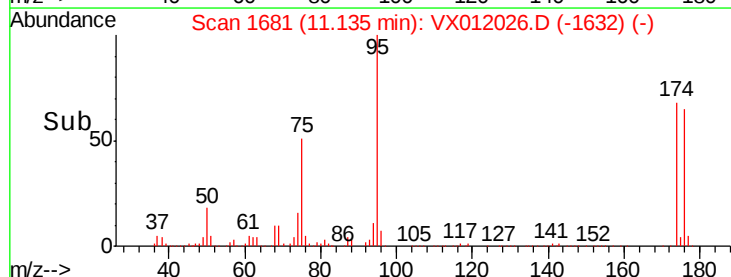
Ion 175.80 (175.50 to 176.50): V

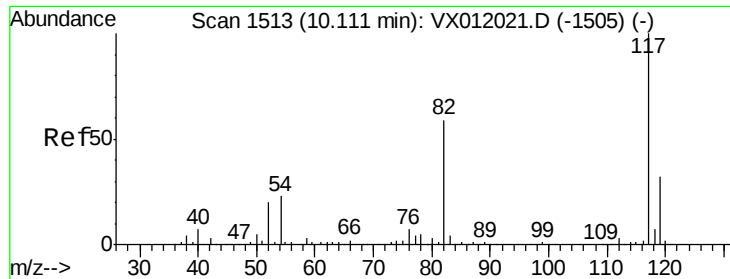
100000

50000

0

Time-->

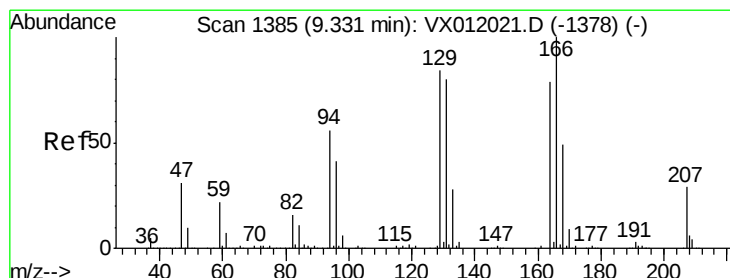
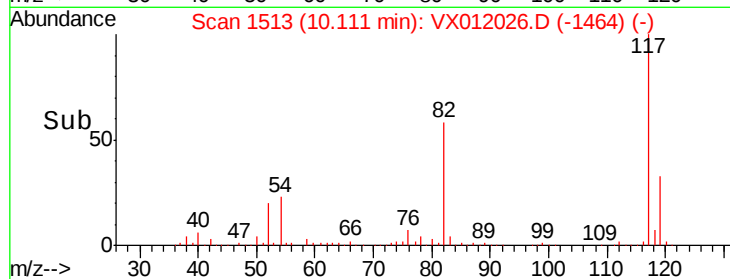
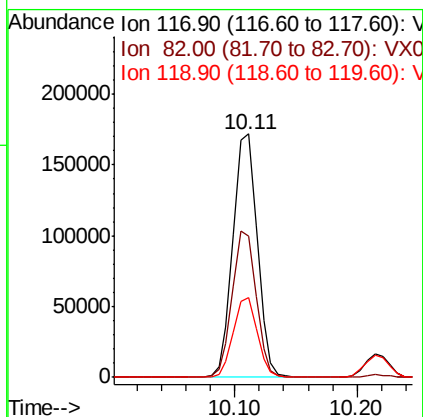
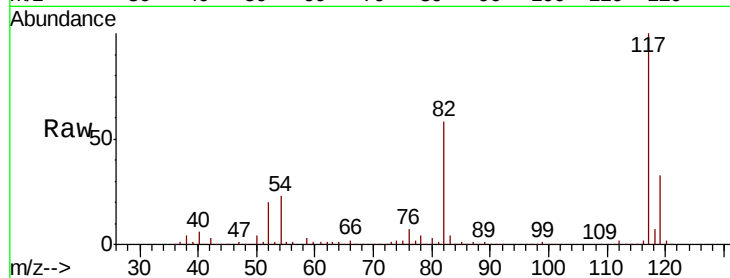




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

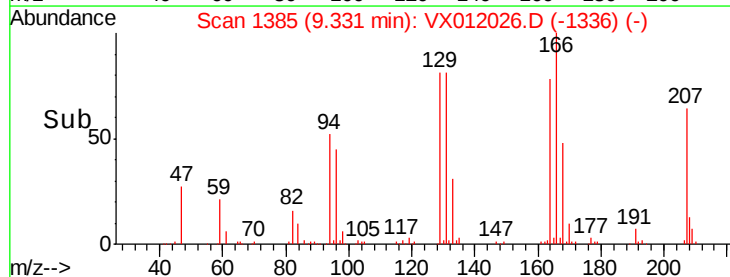
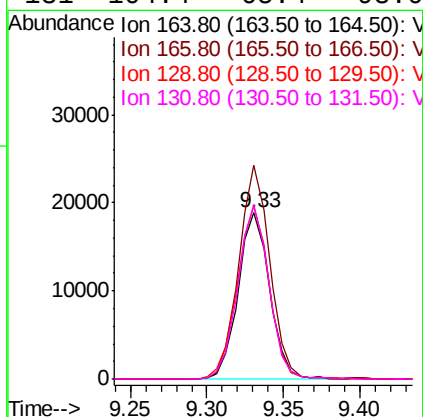
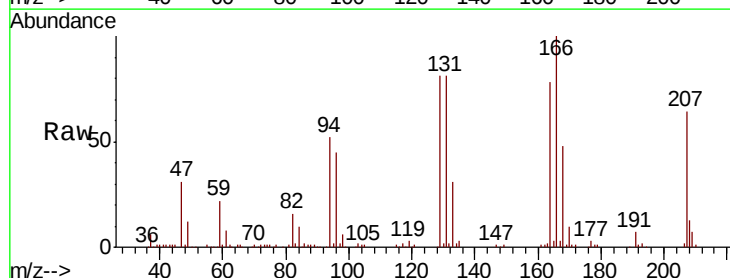
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

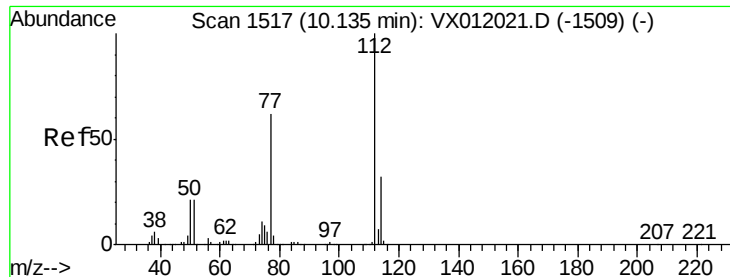
Tgt Ion:117 Resp: 236869
Ion Ratio Lower Upper
117 100
82 57.9 39.4 59.0
119 32.6 26.1 39.1



#64
Tetrachloroethene
Concen: 18.154 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

Tgt Ion:164 Resp: 26808
Ion Ratio Lower Upper
164 100
166 128.5 104.3 156.5
129 104.1 68.3 102.5#
131 104.4 65.4 98.0#

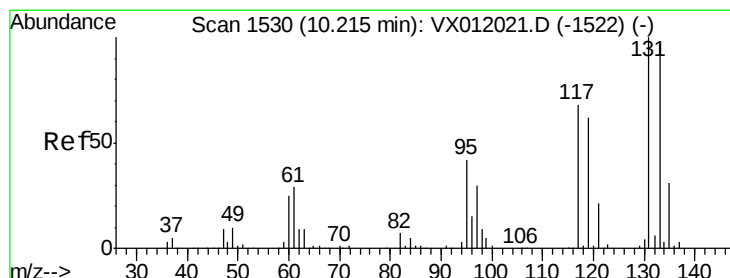
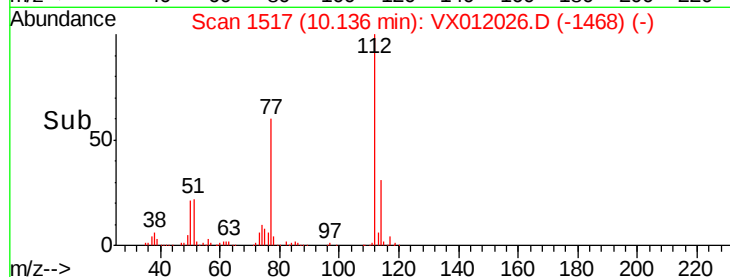
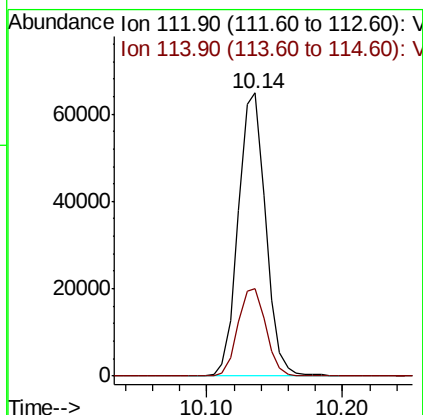
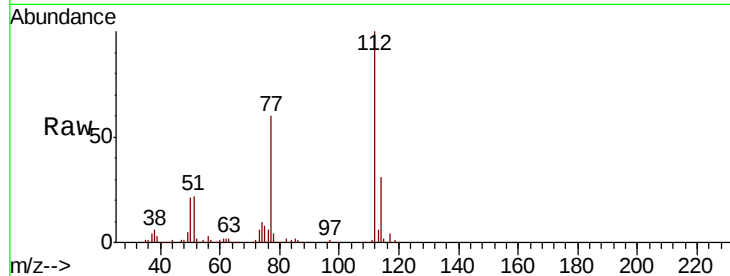




#65
Chlorobenzene
Concen: 19.451 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

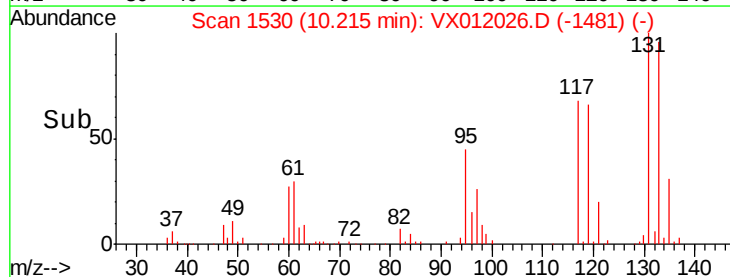
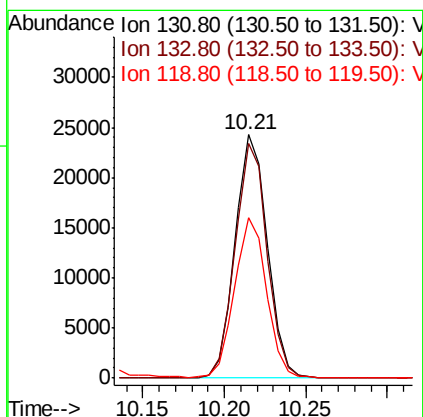
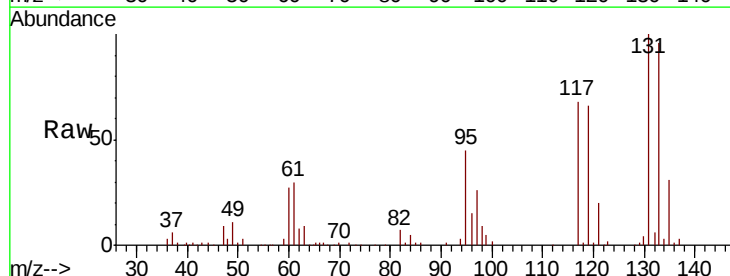
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

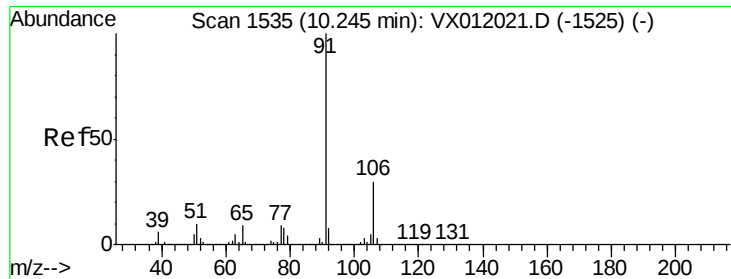
Tgt Ion:112 Resp: 90907
Ion Ratio Lower Upper
112 100
114 31.0 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.555 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

Tgt Ion:131 Resp: 33417
Ion Ratio Lower Upper
131 100
133 95.8 48.4 145.0
119 65.6 30.5 91.5

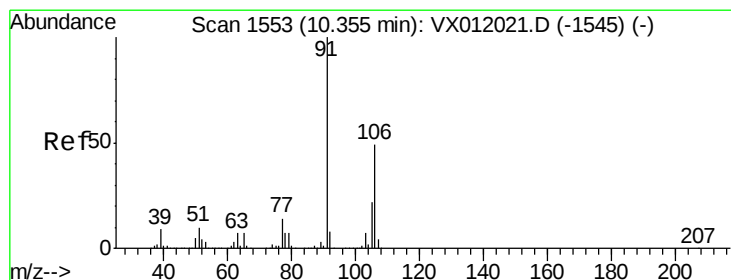
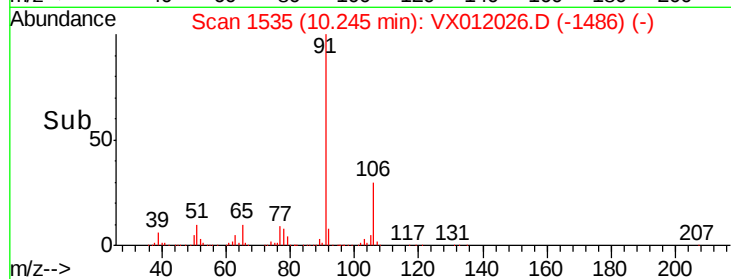
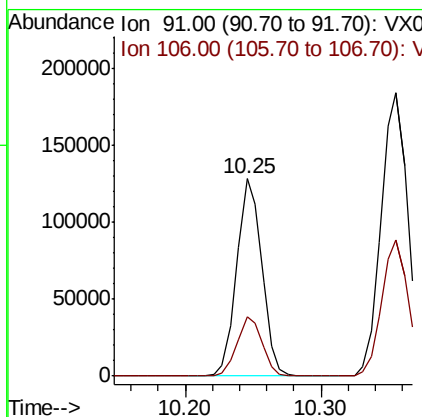
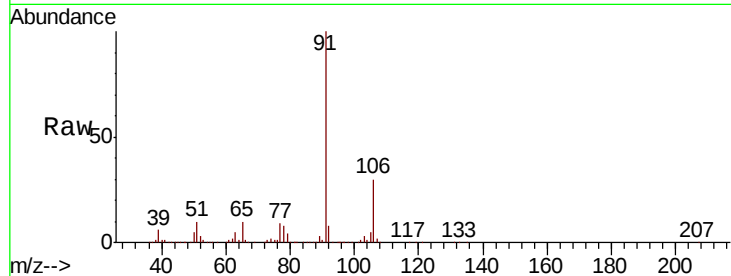




#67
Ethyl Benzene
Concen: 19.487 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

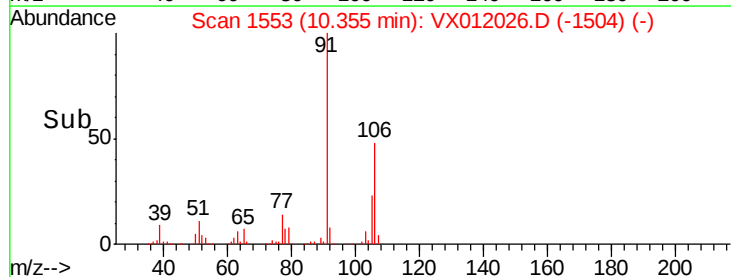
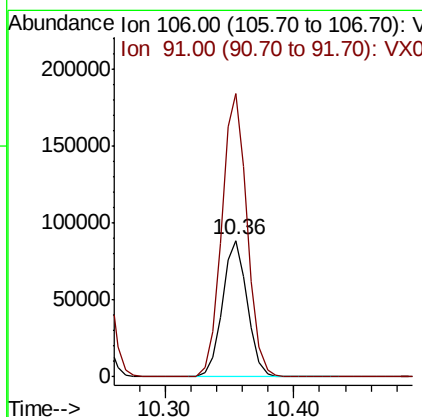
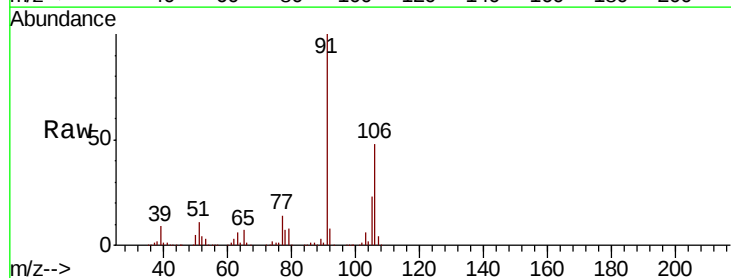
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

Tgt Ion: 91 Resp: 166007
Ion Ratio Lower Upper
91 100
106 30.3 25.8 38.8



#68
m/p-Xylenes
Concen: 38.494 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

Tgt Ion: 106 Resp: 120823
Ion Ratio Lower Upper
106 100
91 210.4 157.5 236.3

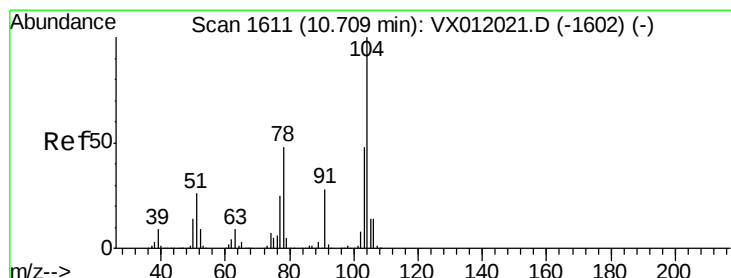
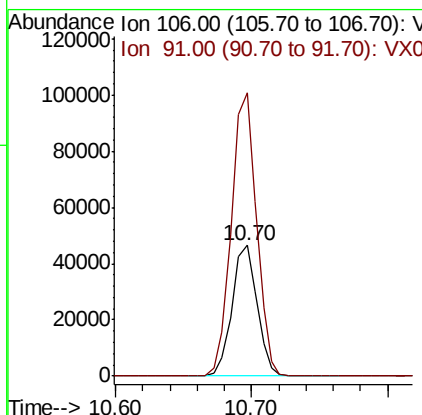
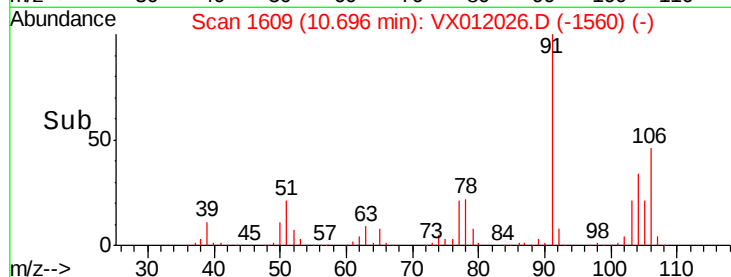
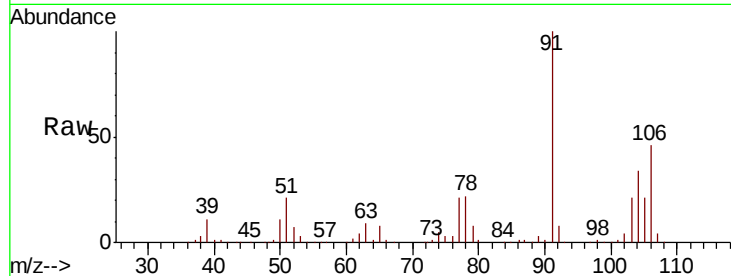




#69
o-Xylene
Concen: 19.639 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

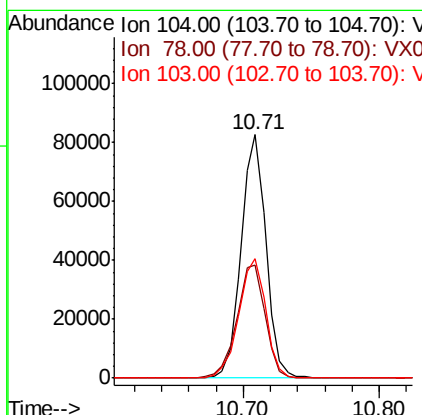
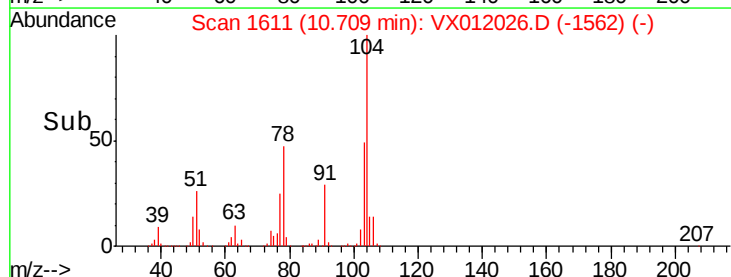
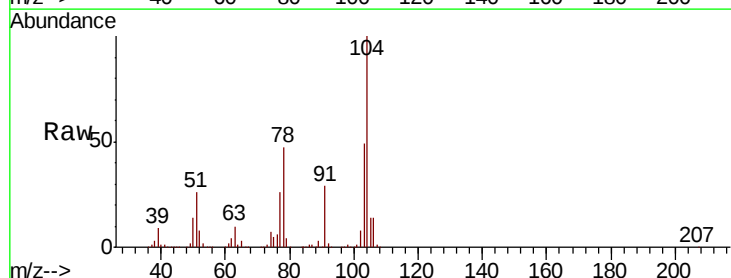
Instrument :
MSVOA_X
ClientSampleId :
VX0903SBS01

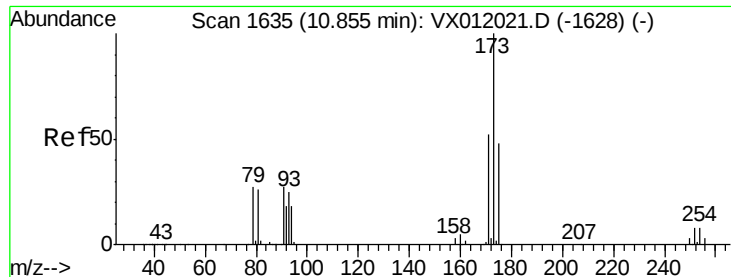
Tgt Ion:106 Resp: 59774
Ion Ratio Lower Upper
106 100
91 218.5 103.5 310.3



#70
Styrene
Concen: 19.927 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012026.D
Acq: 03 Sep 2019 17:06

Tgt Ion:104 Resp: 105343
Ion Ratio Lower Upper
104 100
78 53.2 39.1 58.7
103 53.4 43.4 65.2





#71

Bromoform

Concen: 19.731 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBS01

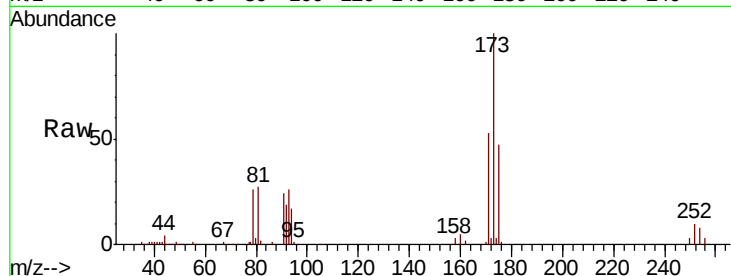
Tgt Ion:173 Resp: 18520

Ion Ratio Lower Upper

173 100

175 49.4 24.9 74.7

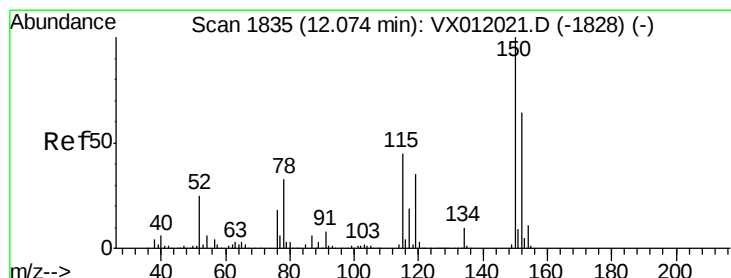
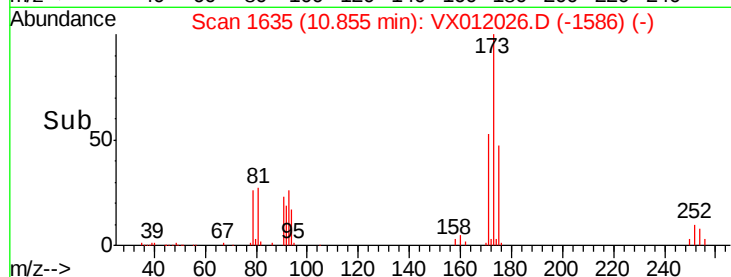
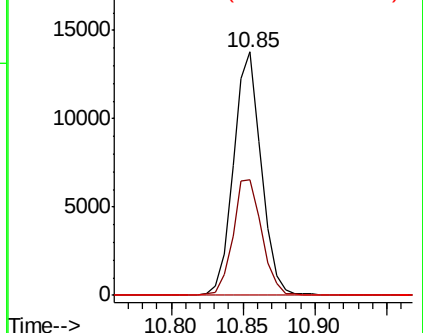
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

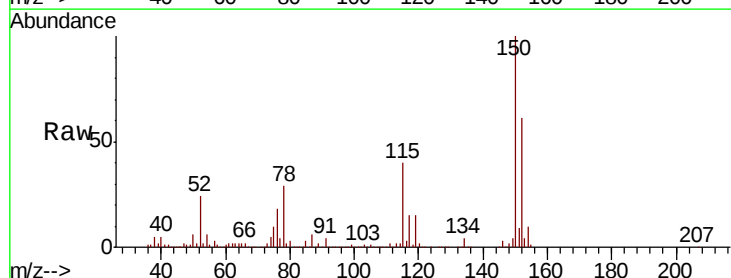
Tgt Ion:152 Resp: 115943

Ion Ratio Lower Upper

152 100

115 76.1 36.4 109.3

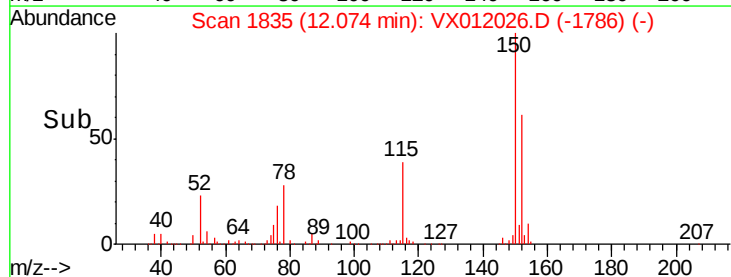
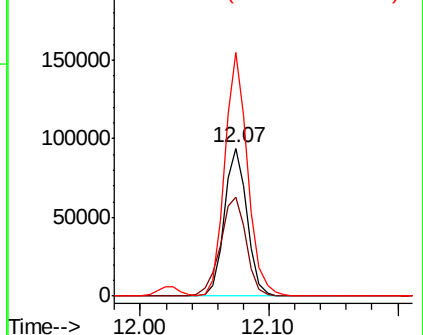
150 167.0 0.0 341.2

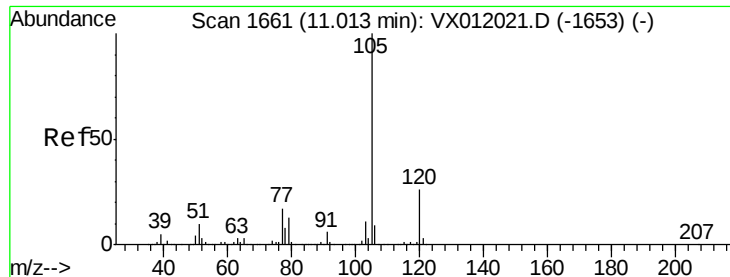


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.798 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

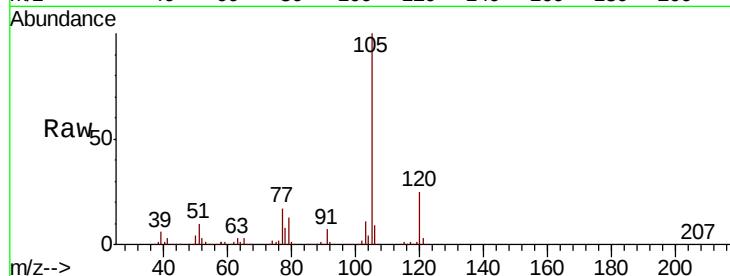
VX0903SBS01

Tgt Ion: 105 Resp: 159914

Ion Ratio Lower Upper

105 100

120 26.1 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

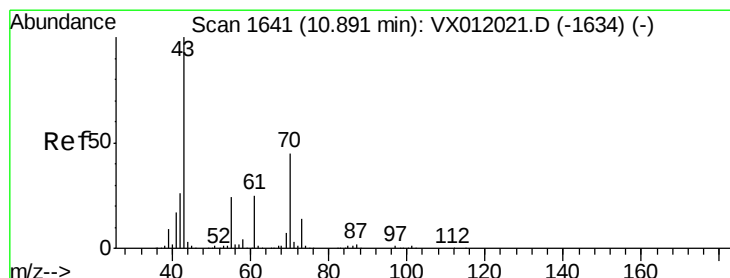
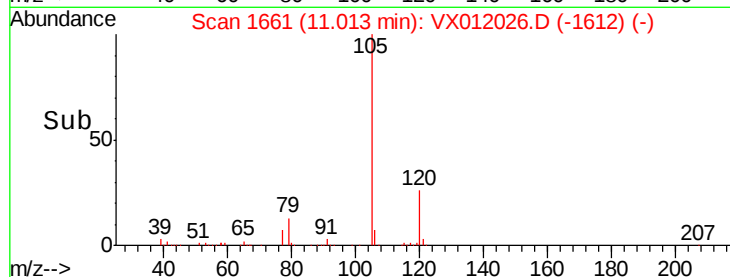
150000

100000

50000

0

Time-->



#74

N-amyl acetate

Concen: 19.839 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Tgt Ion: 43 Resp: 49899

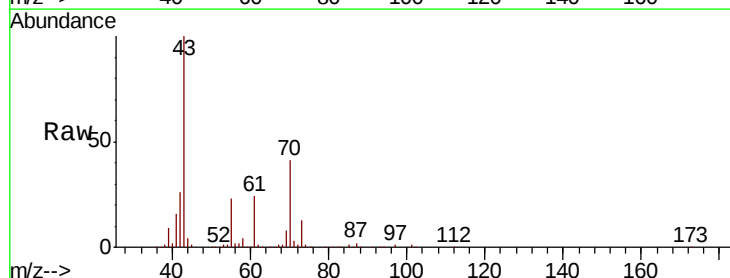
Ion Ratio Lower Upper

43 100

70 42.3 34.4 51.6

55 24.4 18.5 27.7

61 24.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

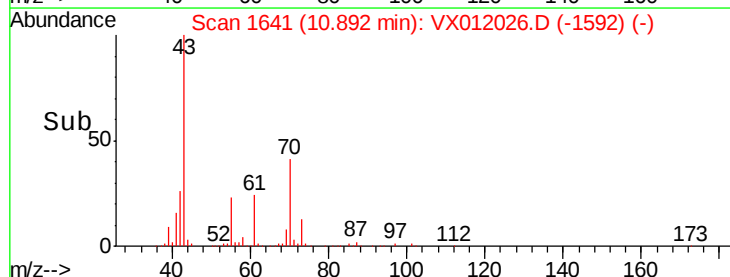
60000

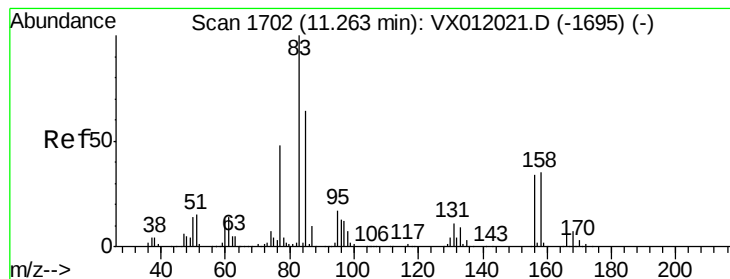
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.884 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBS01

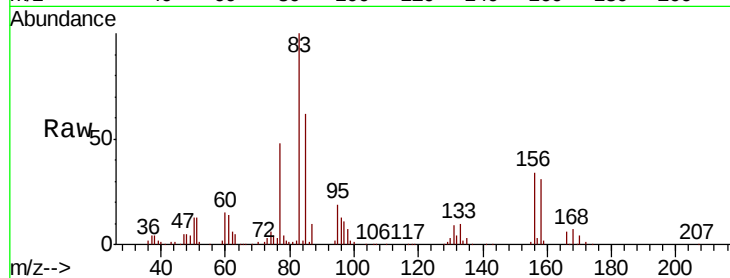
Tgt Ion: 83 Resp: 35264

Ion Ratio Lower Upper

83 100

131 9.9 6.3 19.1

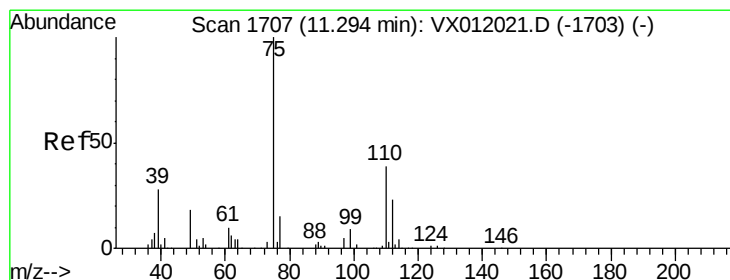
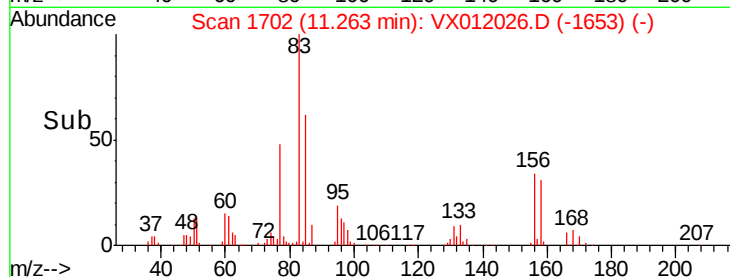
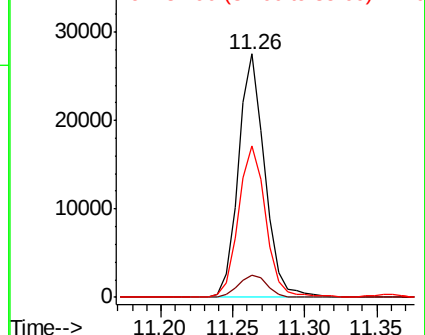
85 64.5 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.214 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX012026.D

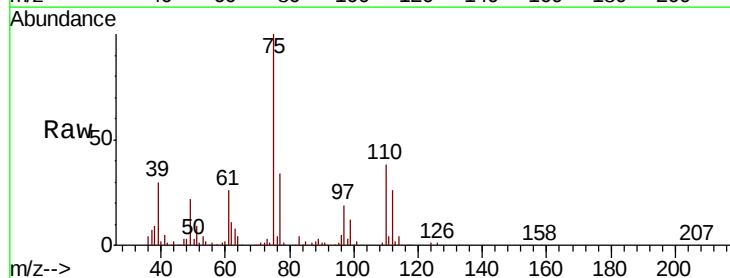
Acq: 03 Sep 2019 17:06

Tgt Ion: 75 Resp: 38552

Ion Ratio Lower Upper

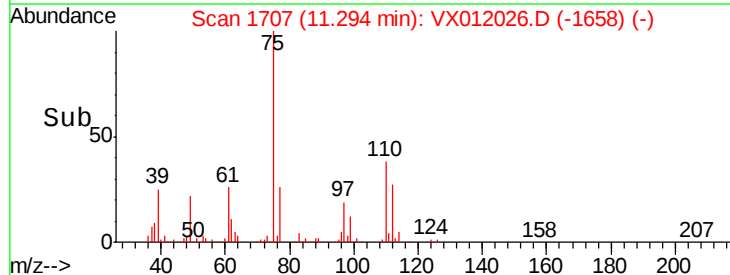
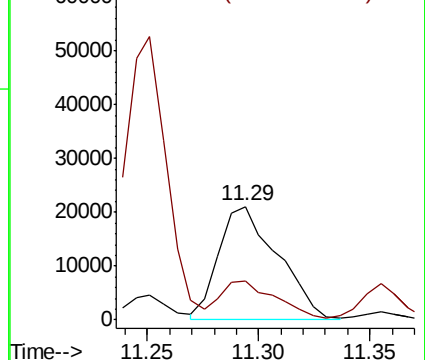
75 100

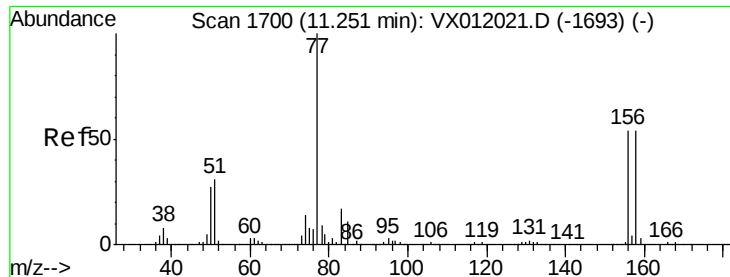
77 32.4 23.5 70.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.054 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBS01

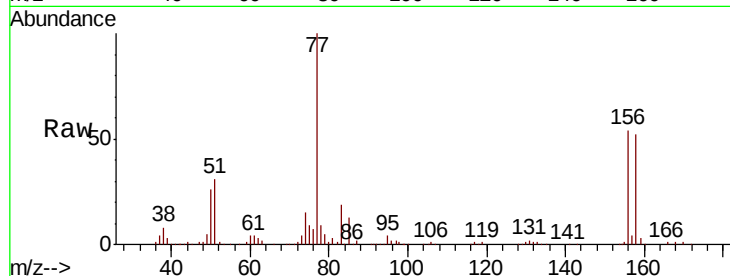
Tgt Ion:156 Resp: 36252

Ion Ratio Lower Upper

156 100

77 191.5 63.4 190.2#

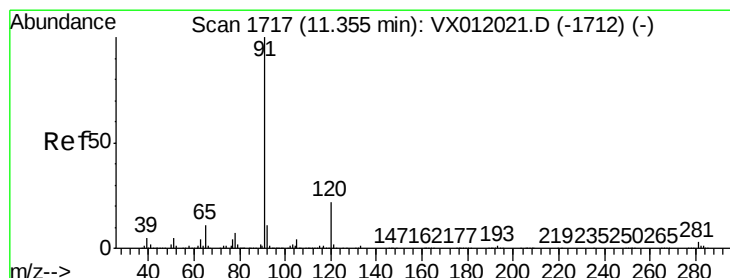
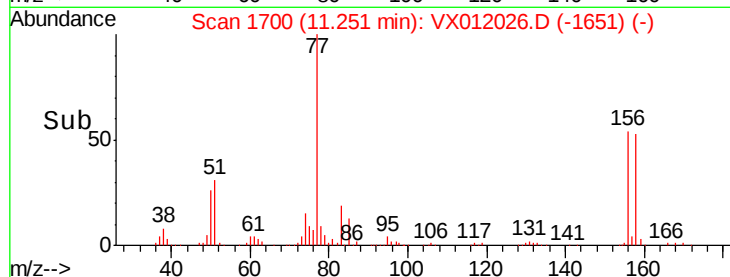
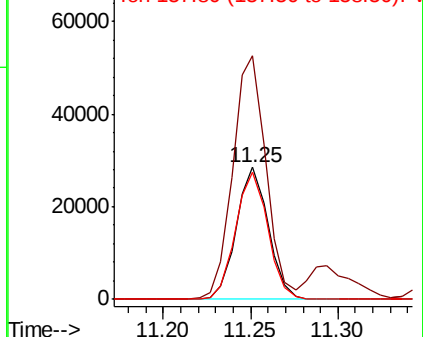
158 97.3 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.973 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012026.D

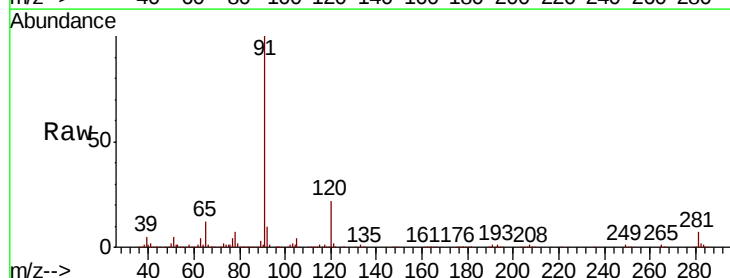
Acq: 03 Sep 2019 17:06

Tgt Ion: 91 Resp: 194989

Ion Ratio Lower Upper

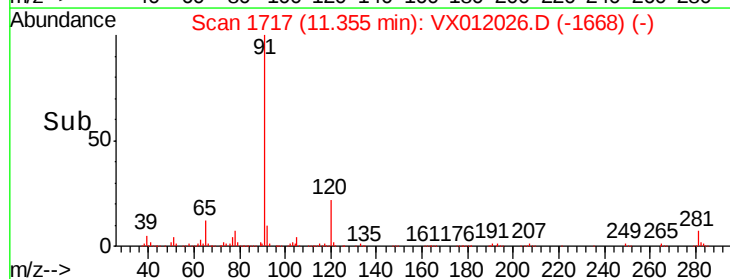
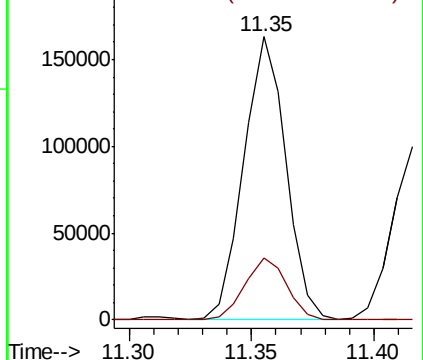
91 100

120 22.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.268 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

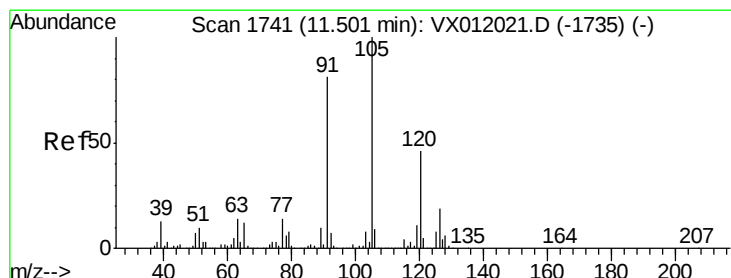
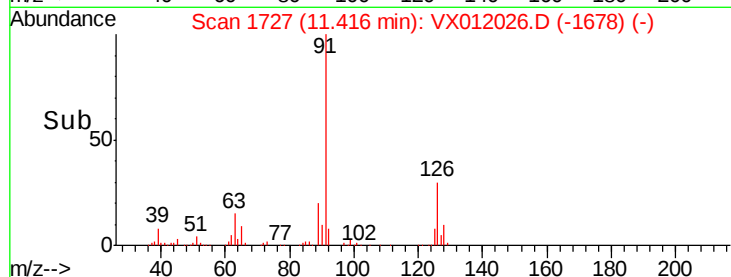
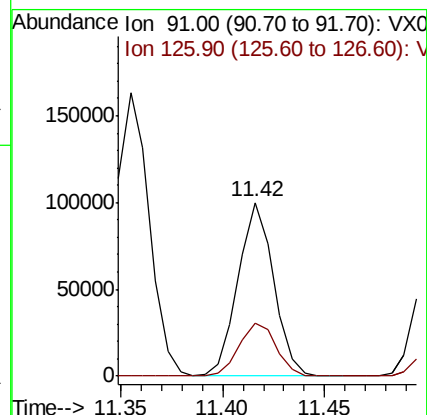
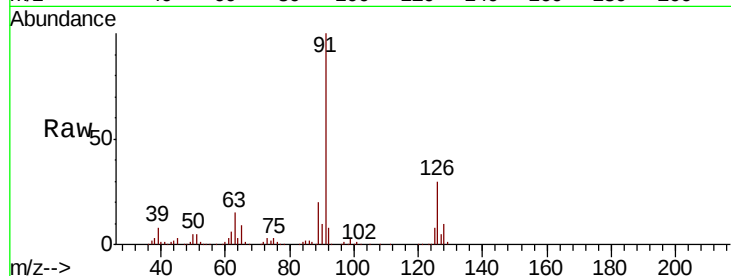
VX0903SBS01

Tgt Ion: 91 Resp: 119970

Ion Ratio Lower Upper

91 100

126 32.0 18.6 55.8



#80

1,3,5-Trimethylbenzene

Concen: 19.261 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012026.D

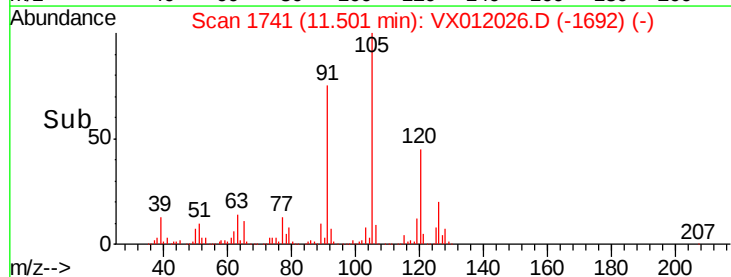
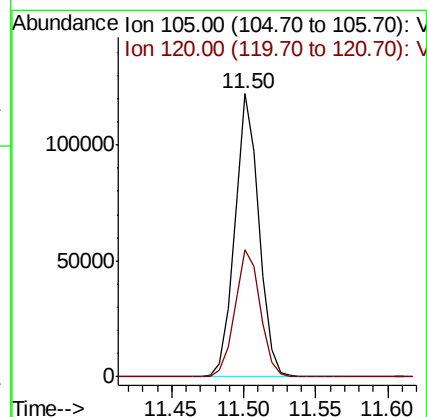
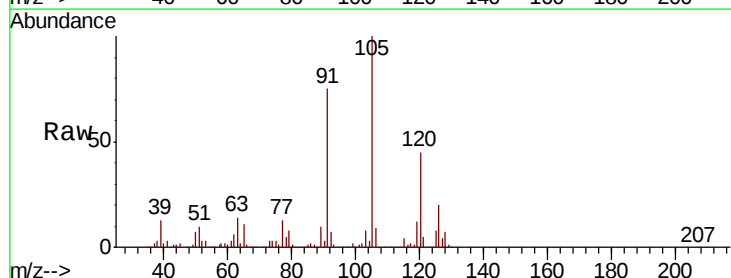
Acq: 03 Sep 2019 17:06

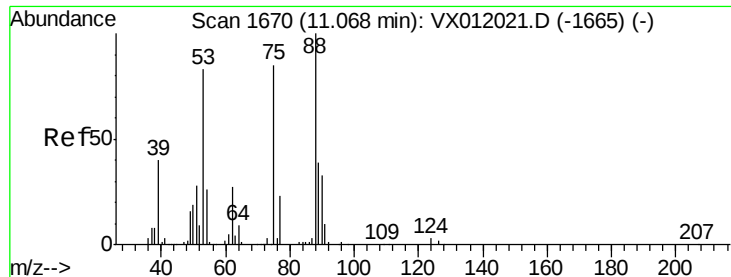
Tgt Ion: 105 Resp: 143592

Ion Ratio Lower Upper

105 100

120 47.1 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.536 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBS01

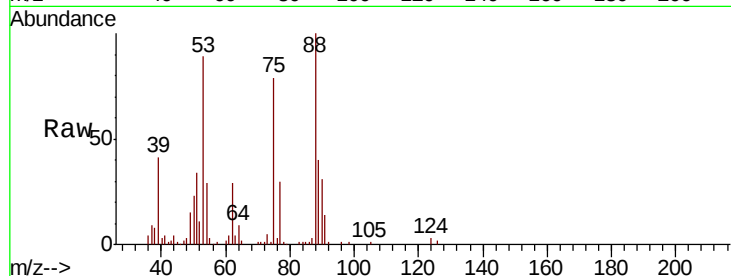
Tgt Ion: 75 Resp: 11107

Ion Ratio Lower Upper

75 100

53 106.5 78.6 117.8

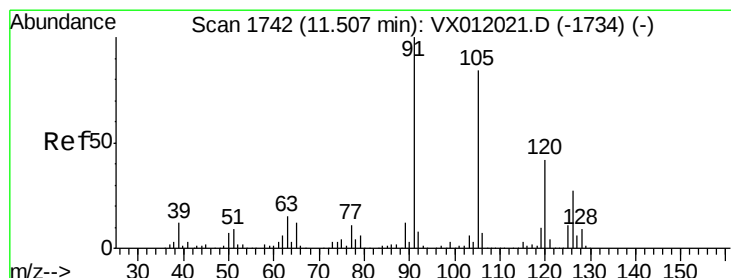
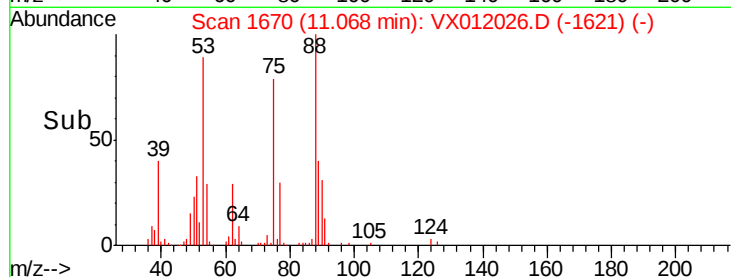
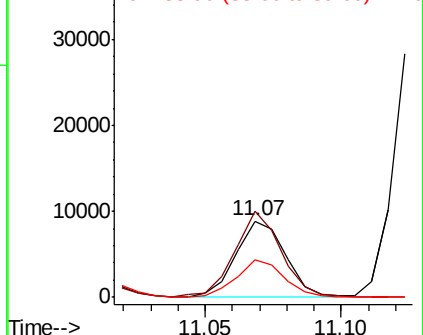
89 48.6 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.487 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012026.D

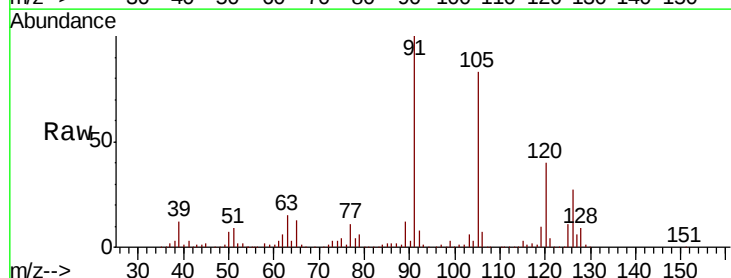
Acq: 03 Sep 2019 17:06

Tgt Ion: 91 Resp: 144618

Ion Ratio Lower Upper

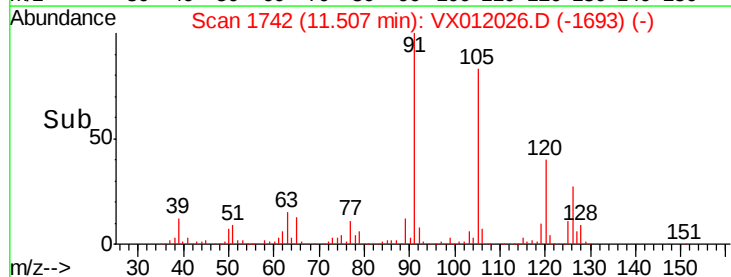
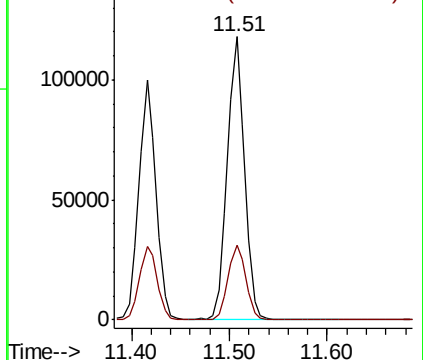
91 100

126 27.4 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

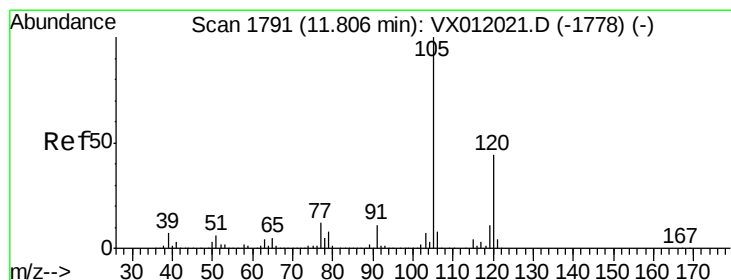
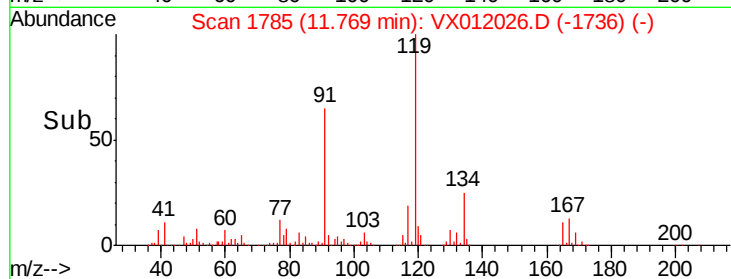
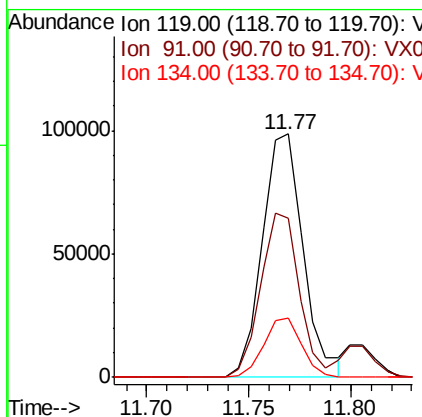
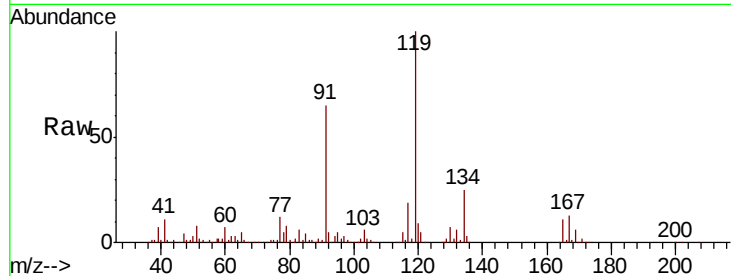




#83
 tert-Butylbenzene
 Concen: 19.419 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

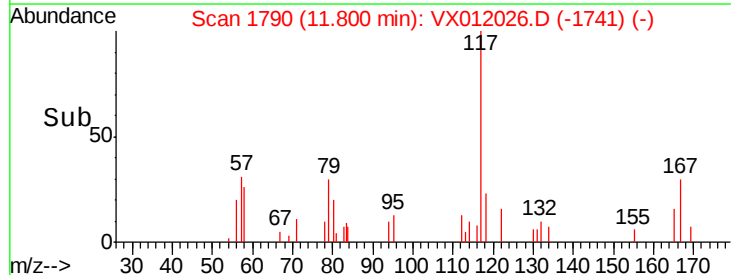
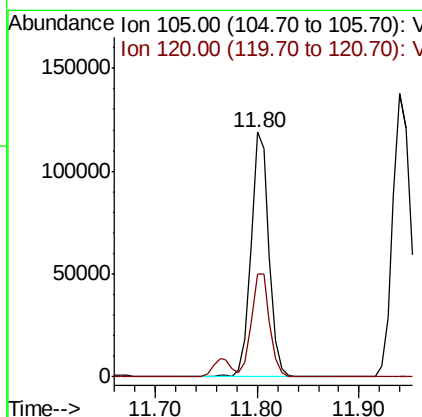
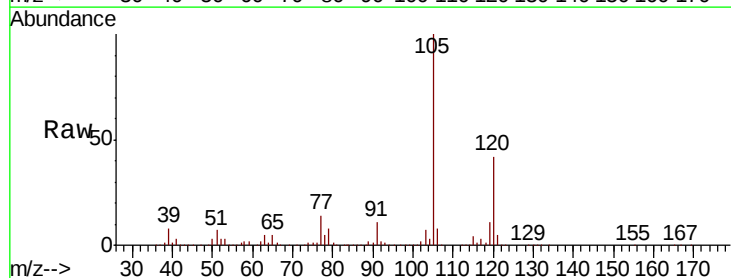
Instrument :
 MSVOA_X
 ClientSampled :
 VX0903SBS01

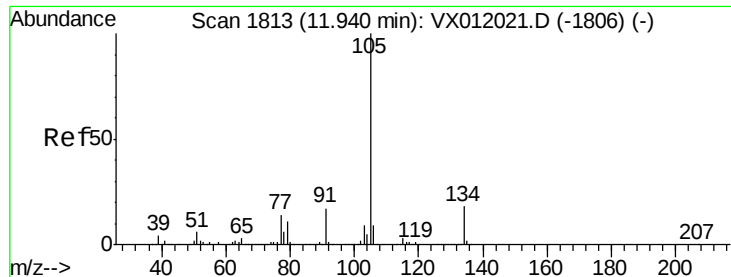
Tgt Ion:119 Resp: 137978
 Ion Ratio Lower Upper
 119 100
 91 63.7 27.1 81.2
 134 22.6 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.063 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

Tgt Ion:105 Resp: 146060
 Ion Ratio Lower Upper
 105 100
 120 43.1 23.6 70.8

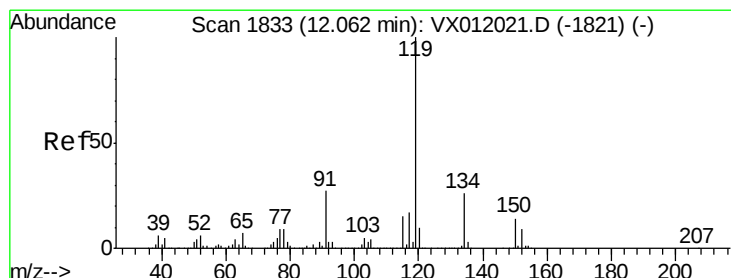
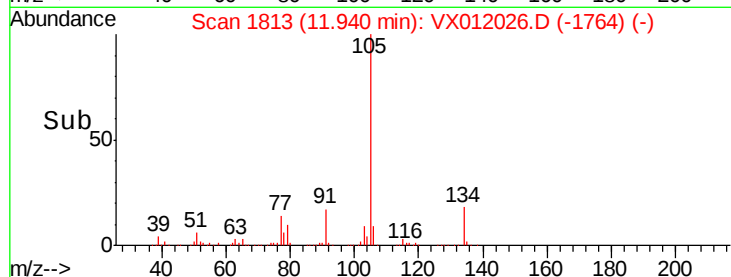
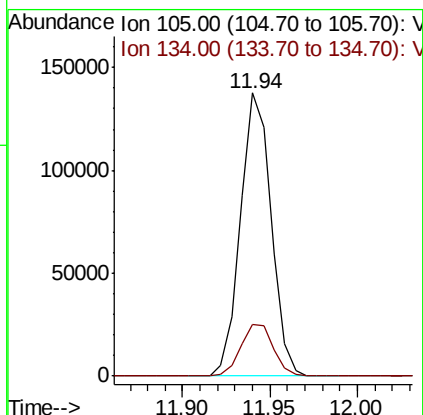
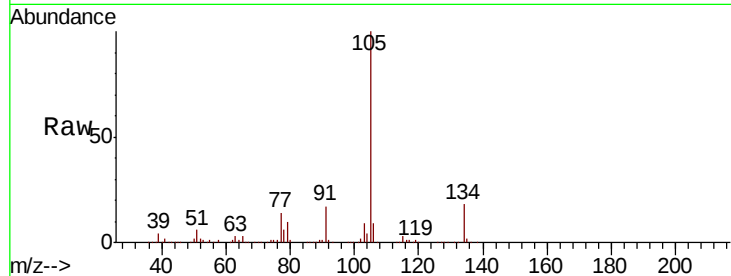




#85
 sec-Butylbenzene
 Concen: 19.067 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

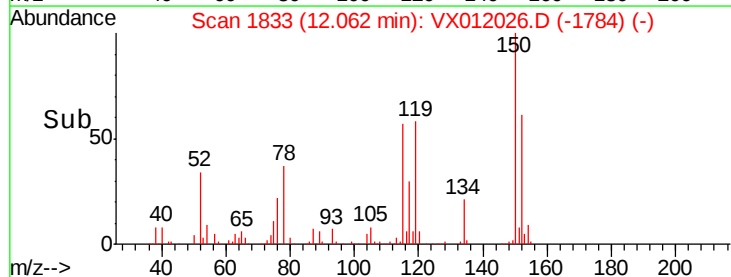
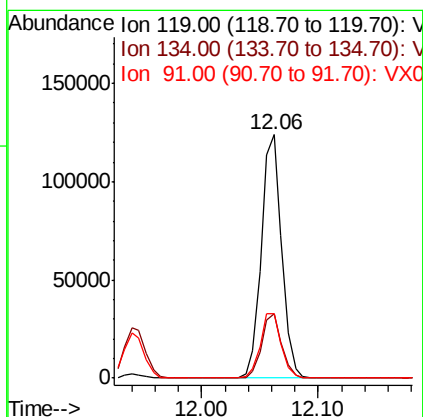
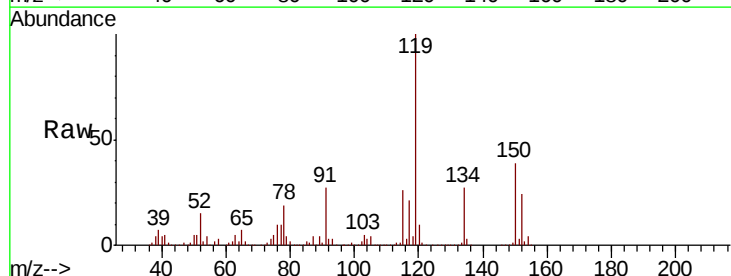
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

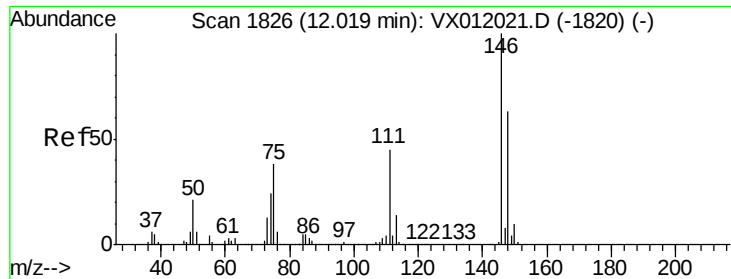
Tgt Ion:105 Resp: 168281
 Ion Ratio Lower Upper
 105 100
 134 19.5 11.2 33.6



#86
 p-Isopropyltoluene
 Concen: 18.715 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

Tgt Ion:119 Resp: 150212
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.7 41.1
 91 27.5 11.4 34.1

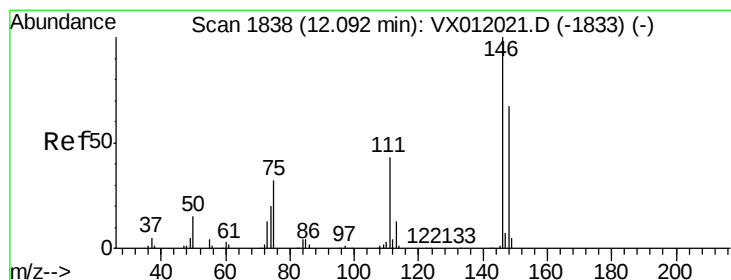
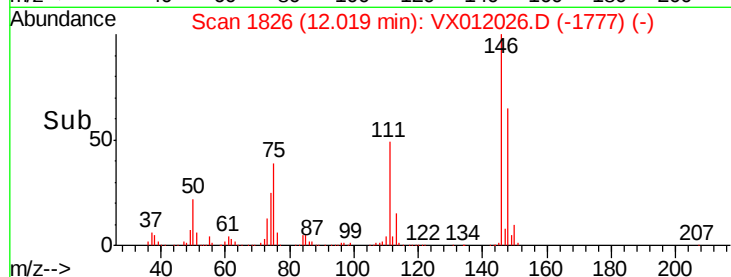
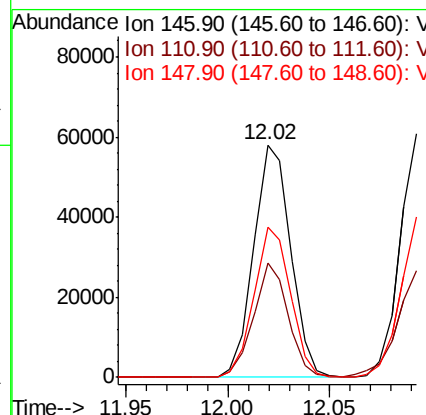
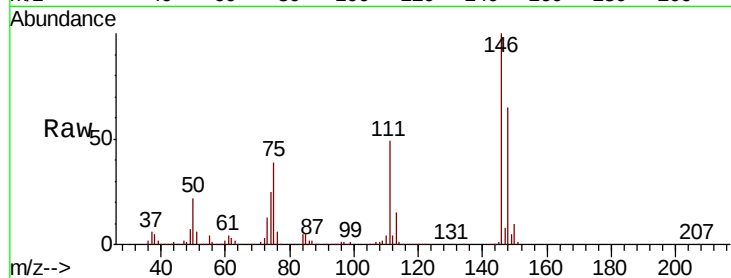




#87
 1,3-Dichlorobenzene
 Concen: 19.262 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

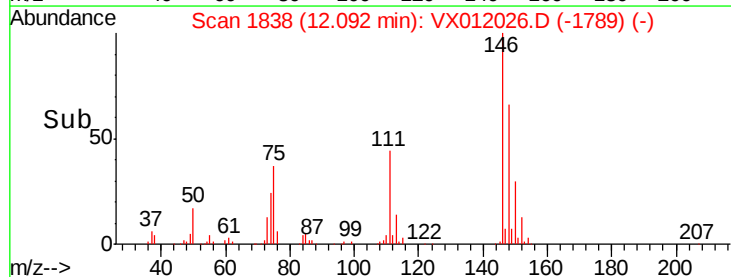
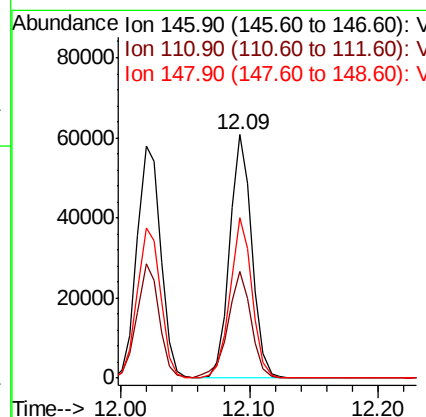
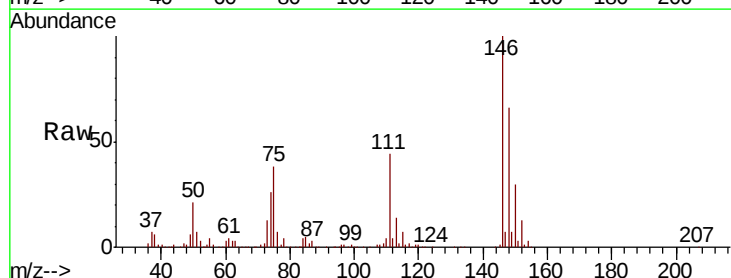
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

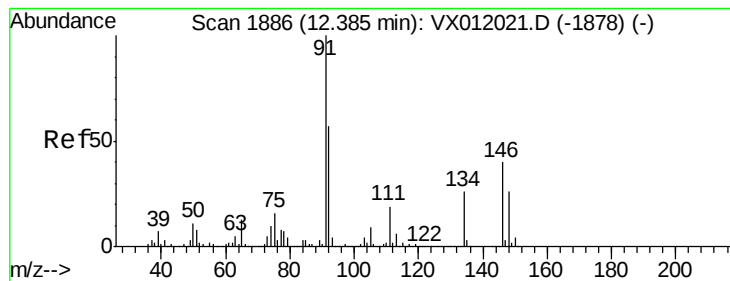
Tgt Ion:146 Resp: 73436
 Ion Ratio Lower Upper
 146 100
 111 46.5 18.1 54.1
 148 63.7 32.6 97.8



#88
 1,4-Dichlorobenzene
 Concen: 19.406 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

Tgt Ion:146 Resp: 73975
 Ion Ratio Lower Upper
 146 100
 111 45.7 17.7 53.1
 148 65.1 32.4 97.0





#89

n-Butylbenzene

Concen: 19.107 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBS01

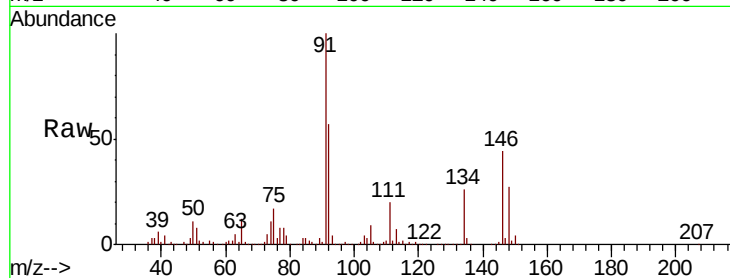
Tgt Ion: 91 Resp: 148973

Ion Ratio Lower Upper

91 100

92 55.3 27.6 82.8

134 24.9 15.4 46.1

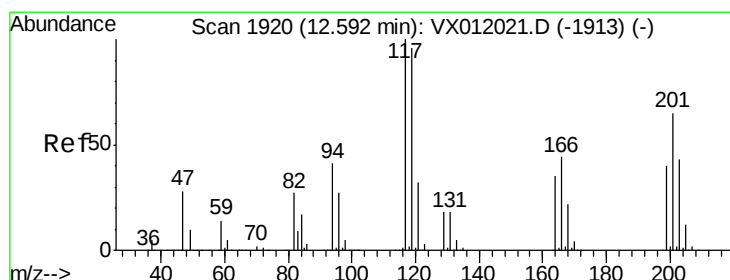
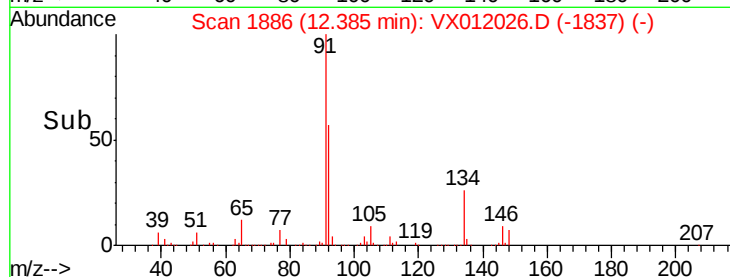
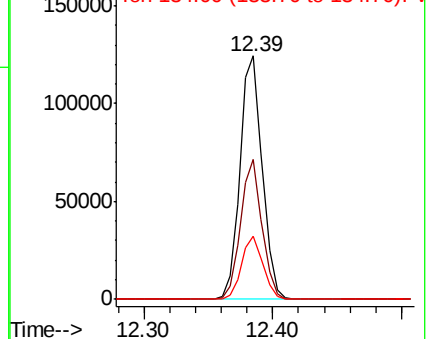


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.879 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX012026.D

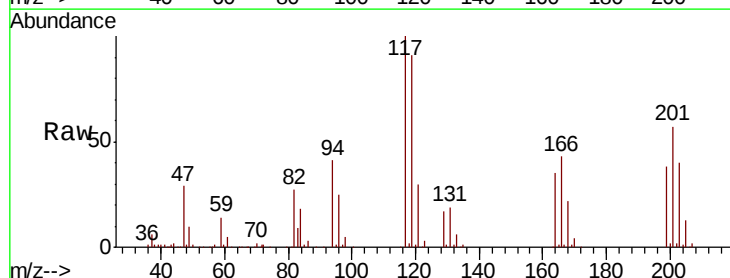
Acq: 03 Sep 2019 17:06

Tgt Ion: 117 Resp: 30255

Ion Ratio Lower Upper

117 100

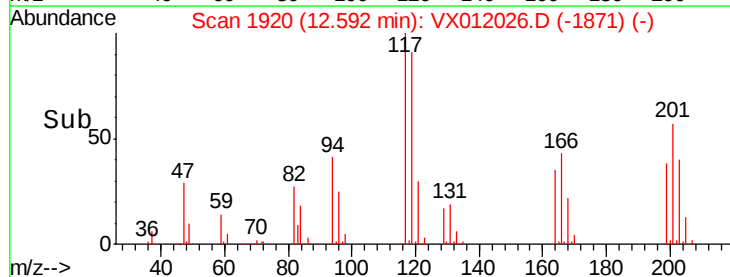
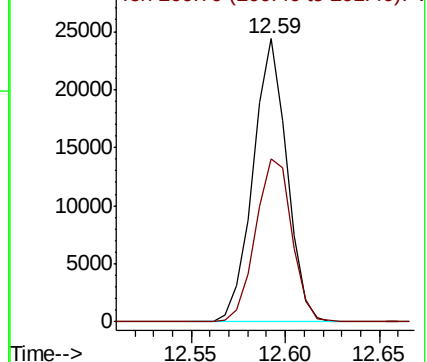
201 61.7 55.0 165.2

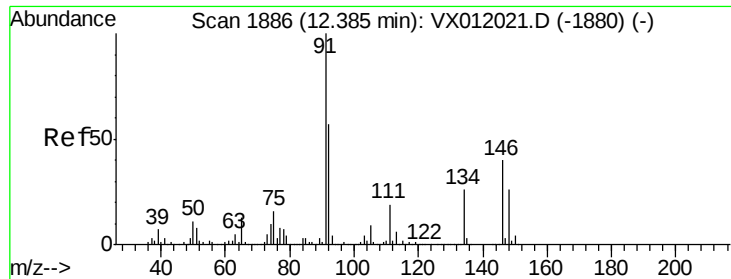


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

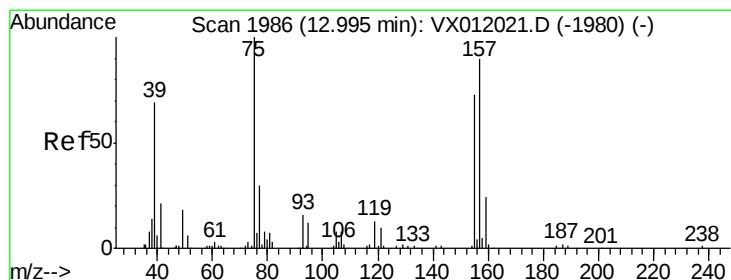
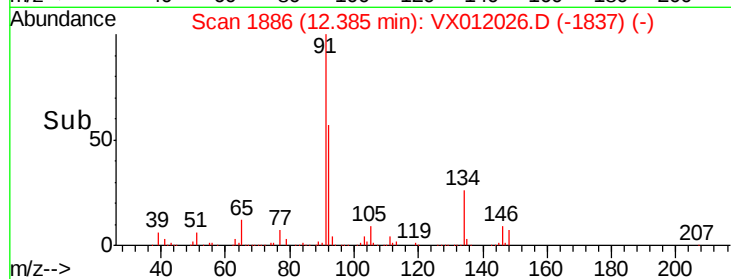
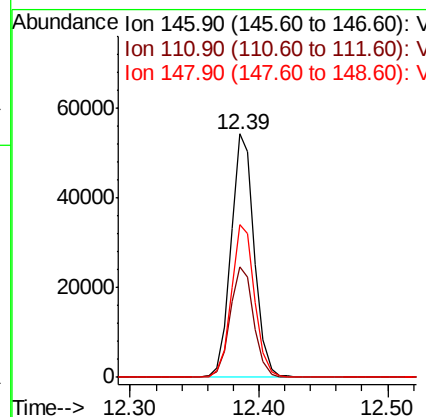
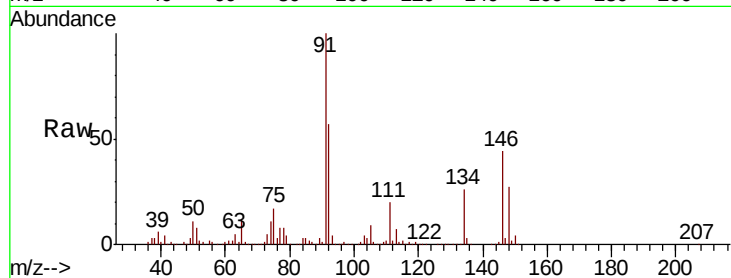




#91
 1,2-Dichlorobenzene
 Concen: 20.011 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

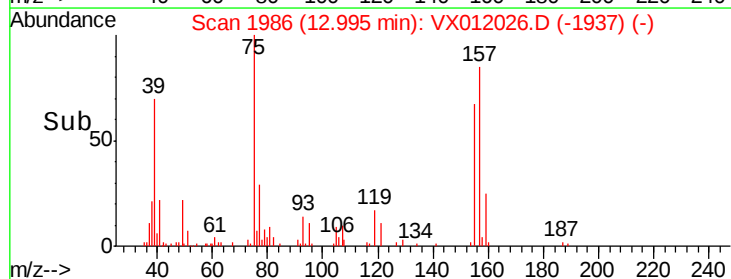
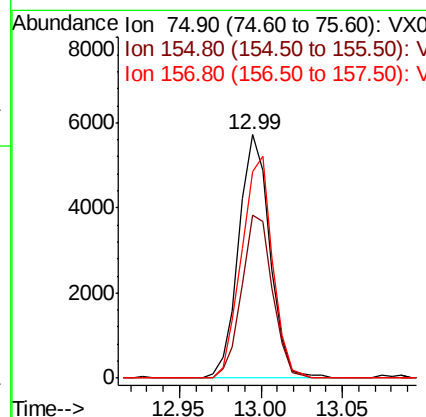
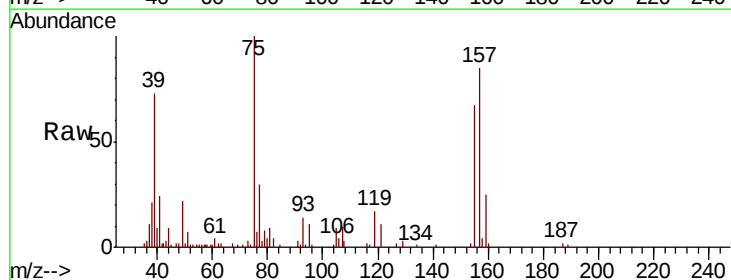
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

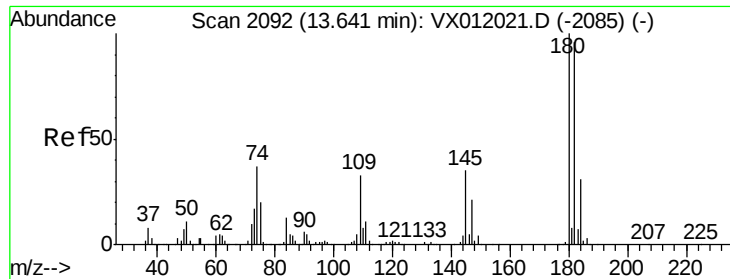
Tgt Ion:146 Resp: 68710
 Ion Ratio Lower Upper
 146 100
 111 46.1 18.6 56.0
 148 62.8 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.535 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

Tgt Ion: 75 Resp: 7621
 Ion Ratio Lower Upper
 75 100
 155 66.3 51.7 155.2
 157 90.5 66.9 200.7

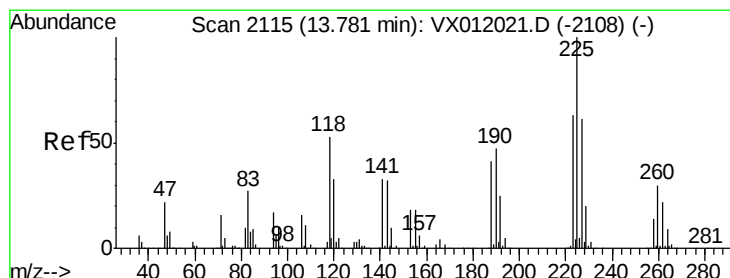
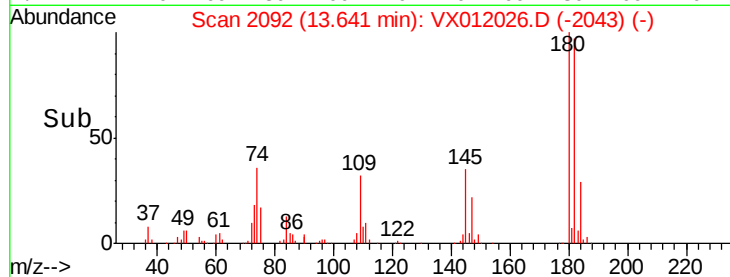
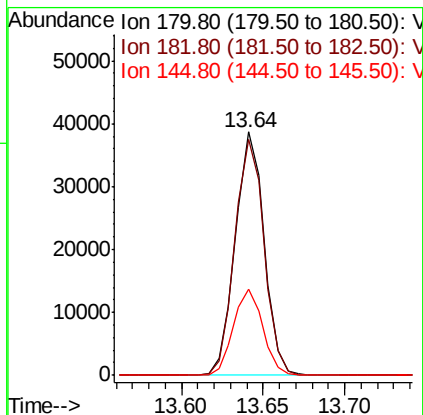
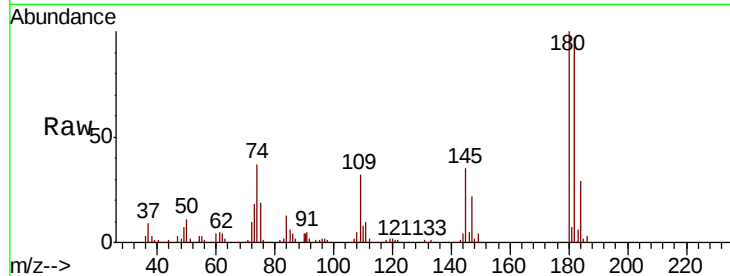




#93
 1,2,4-Trichlorobenzene
 Concen: 19.505 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

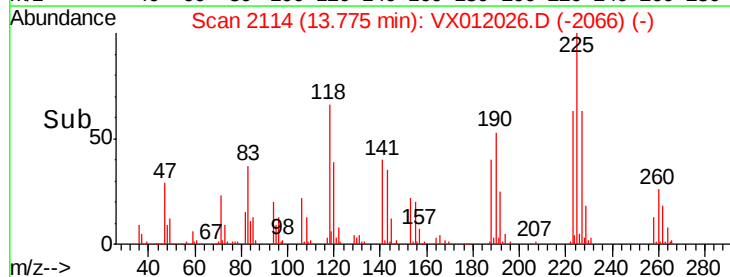
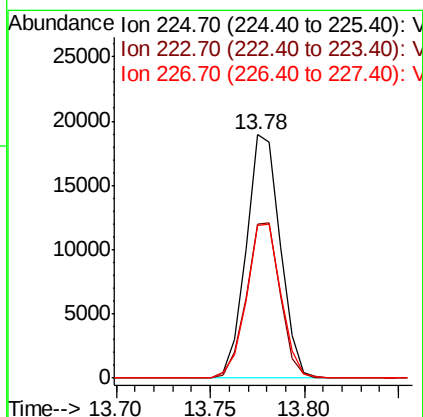
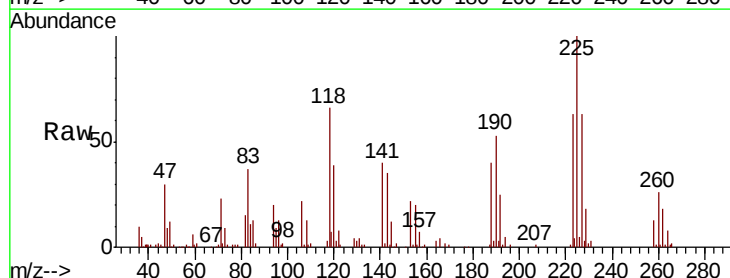
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBS01

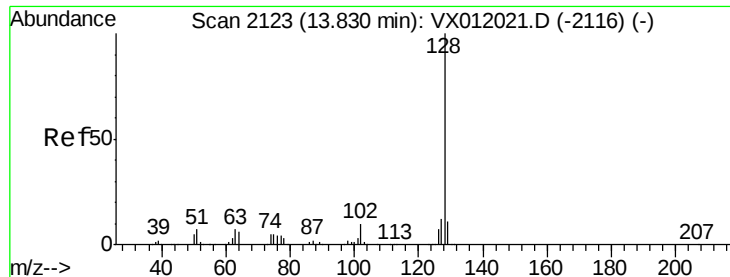
Tgt Ion:180 Resp: 47669
 Ion Ratio Lower Upper
 180 100
 182 98.0 47.3 142.0
 145 35.9 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 19.318 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012026.D
 Acq: 03 Sep 2019 17:06

Tgt Ion:225 Resp: 23798
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.6 95.0
 227 63.5 32.5 97.5





#95

Naphthalene

Concen: 20.362 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBS01

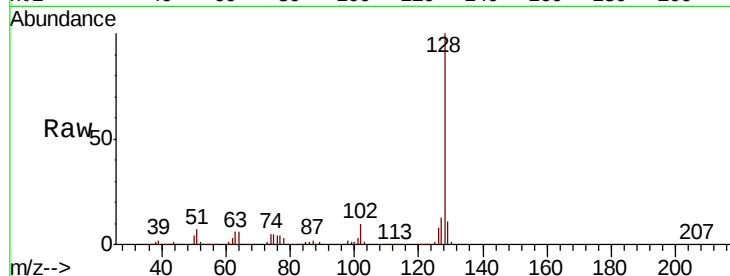
Tgt Ion:128 Resp: 107702

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

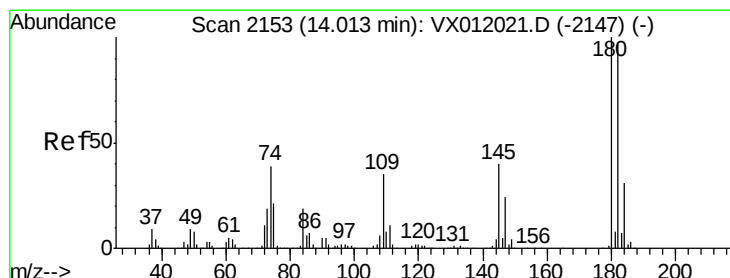
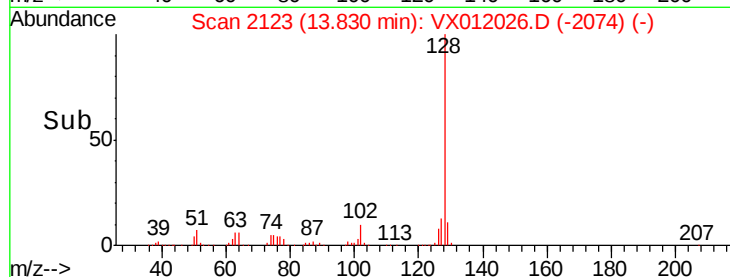
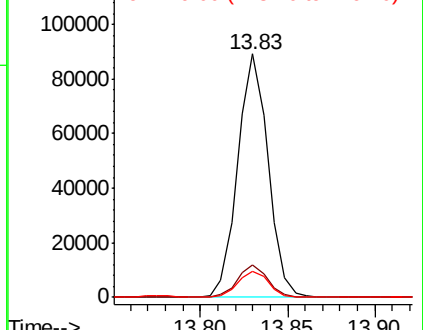
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.169 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VX012026.D

Acq: 03 Sep 2019 17:06

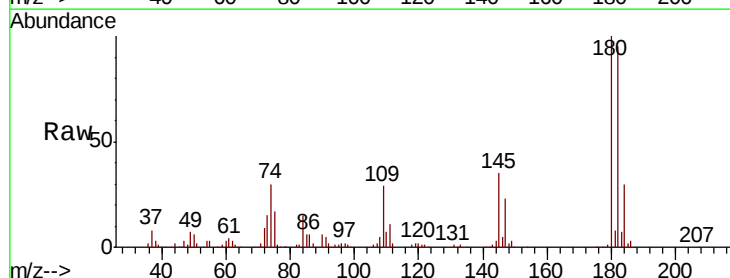
Tgt Ion:180 Resp: 43365

Ion Ratio Lower Upper

180 100

182 94.0 47.9 143.6

145 36.8 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

