

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012900.D
 Acq On : 08 Oct 2019 19:23
 Operator : JC/SP
 Sample : K5122-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

Quant Time: Oct 09 02:11:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	180297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	310787	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279621	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	129340	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	110597	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
35) Dibromofluoromethane	5.49	113	87289	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.71	98	330023	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
62) 4-Bromofluorobenzene	11.14	95	127946	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	92368	50.260	ug/l	100
3) Chloromethane	1.32	50	103977	51.986	ug/l	98
4) Vinyl Chloride	1.40	62	105478	51.094	ug/l	100
5) Bromomethane	1.63	94	36452	42.477	ug/l	97
6) Chloroethane	1.71	64	63097	50.037	ug/l	98
7) Trichlorofluoromethane	1.92	101	142096	50.997	ug/l	100
8) Diethyl Ether	2.18	74	59418	52.831	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86904	48.191	ug/l	99
10) Methyl Iodide	2.50	142	88314	43.917	ug/l	99
11) Tert butyl alcohol	3.03	59	135687	227.138	ug/l	100
12) 1,1-Dichloroethene	2.36	96	92630	50.840	ug/l	97
13) Acrolein	2.28	56	101294	238.602	ug/l	99
14) Allyl chloride	2.72	41	170446	52.530	ug/l	97
15) Acrylonitrile	3.13	53	304142	268.659	ug/l	100
16) Acetone	2.44	43	260374	219.205	ug/l	100
17) Carbon Disulfide	2.56	76	256105	49.296	ug/l	100
18) Methyl Acetate	2.76	43	135982	48.299	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	336378	53.461	ug/l	99
20) Methylene Chloride	2.84	84	107702	49.338	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	101231	51.838	ug/l	99
22) Diisopropyl ether	3.84	45	330271	53.120	ug/l	96
23) Vinyl Acetate	3.80	43	1400934	261.009	ug/l	99
24) 1,1-Dichloroethane	3.69	63	185636	53.072	ug/l	98
25) 2-Butanone	4.66	43	415338	252.037	ug/l	98
26) 2,2-Dichloropropane	4.57	77	138129	46.961	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	116785	51.881	ug/l	99
28) Bromochloromethane	5.00	49	57814	55.355	ug/l	98
29) Tetrahydrofuran	5.12	42	271393	267.626	ug/l	99
30) Chloroform	5.20	83	185218	51.607	ug/l	100
31) Cyclohexane	5.57	56	159489	48.763	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	160356	52.731	ug/l	99
36) 1,1-Dichloropropene	5.79	75	135275	49.507	ug/l	98
37) Ethyl Acetate	4.82	43	153809	50.340	ug/l	100
38) Carbon Tetrachloride	5.78	117	136634	51.374	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	158425	47.809	ug/l	99
40) Benzene	6.13	78	419230	51.947	ug/l	99
41) Methacrylonitrile	5.03	41	91176	54.307	ug/l	96
42) 1,2-Dichloroethane	6.19	62	149423	51.599	ug/l	100
43) Isopropyl Acetate	6.43	43	251597	51.304	ug/l	100
44) Trichloroethene	7.20	130	107410	47.995	ug/l	94
45) 1,2-Dichloropropane	7.51	63	105799	51.437	ug/l	98
46) Dibromomethane	7.65	93	72178	52.669	ug/l	99
47) Bromodichloromethane	7.89	83	141586	52.942	ug/l	98
48) Methyl methacrylate	7.76	41	124990	52.302	ug/l	99
49) 1,4-Dioxane	7.73	88	57579	901.414	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	806738	263.851	ug/l	100
52) Toluene	8.78	92	265815	51.484	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	156052	46.898	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	171233	52.059	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	106871	52.304	ug/l	99
56) Ethyl methacrylate	9.17	69	177035	48.445	ug/l	100
57) 1,3-Dichloropropane	9.37	76	182102	51.522	ug/l	98
59) 2-Hexanone	9.49	43	616502	259.023	ug/l	99
60) Dibromochloromethane	9.58	129	108045	47.610	ug/l	100
61) 1,2-Dibromoethane	9.67	107	113169	52.652	ug/l	98
64) Tetrachloroethene	9.33	164	90337	46.579	ug/l	96
65) Chlorobenzene	10.14	112	276411	49.778	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	99549	51.706	ug/l	98
67) Ethyl Benzene	10.25	91	501476	50.842	ug/l	100
68) m/p-Xylenes	10.36	106	377641	102.486	ug/l	98
69) o-Xylene	10.70	106	184151	51.248	ug/l	100
70) Styrene	10.71	104	315077	51.578	ug/l	99
71) Bromoform	10.85	173	75361	46.201	ug/l	100
73) Isopropylbenzene	11.01	105	481780	50.664	ug/l	99
74) N-amyl acetate	10.89	43	211072	51.538	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	161643	51.107	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	185368	64.616	ug/l	78
77) Bromobenzene	11.25	156	111852	49.915	ug/l	100
78) n-propylbenzene	11.35	91	532640	50.903	ug/l	98
79) 2-Chlorotoluene	11.42	91	337165	51.271	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	400317	50.416	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49988	45.232	ug/l	98
82) 4-Chlorotoluene	11.51	91	386307	51.251	ug/l	100
83) tert-Butylbenzene	11.76	119	397907	51.371	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	408839	50.840	ug/l	98
85) sec-Butylbenzene	11.94	105	452594	50.435	ug/l	99
86) p-Isopropyltoluene	12.06	119	413146	49.641	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	206365	49.592	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	203166	48.208	ug/l	99
89) n-Butylbenzene	12.39	91	355874	50.877	ug/l	99
90) Hexachloroethane	12.59	117	71751	46.694	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	203229	49.817	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39997	53.955	ug/l	95
93) 1,2,4-Trichlorobenzene	13.64	180	125982	49.298	ug/l	98

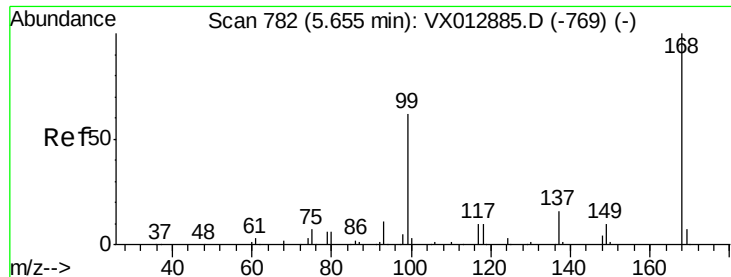
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	53923	45.721	ug/l	98
95) Naphthalene	13.83	128	458928	51.805	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	130257	49.324	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

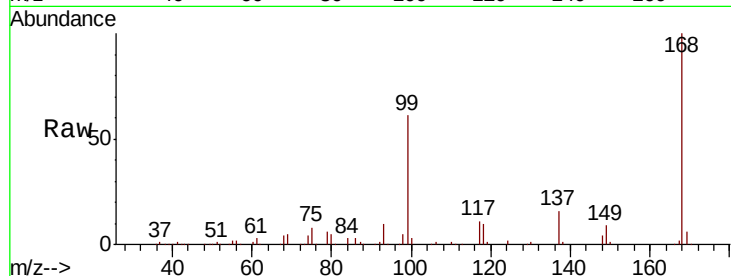
FA19-MMW3414MS

Tot Ion:168 Resp: 180297

Ion Ratio Lower Upper

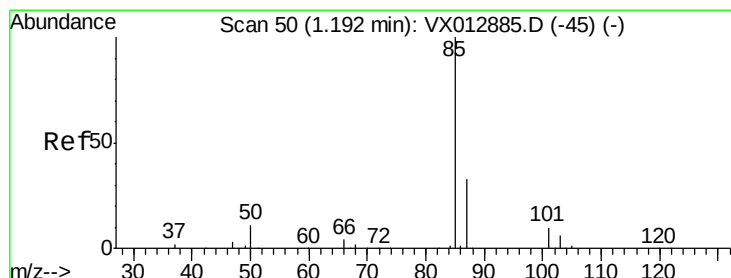
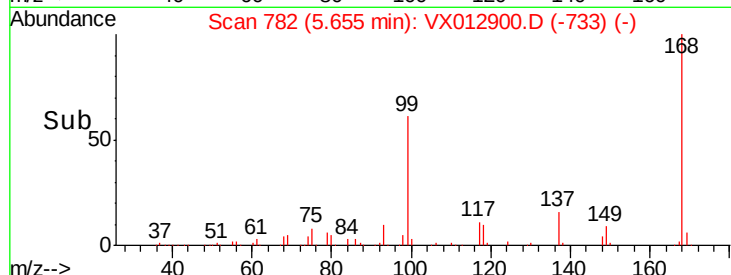
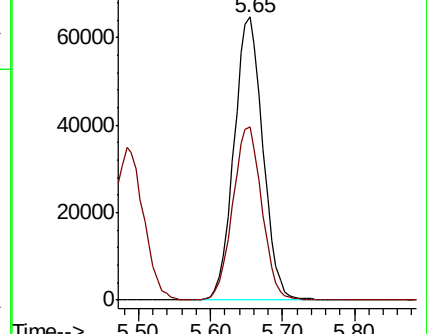
168 100

99 60.9 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.260 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012900.D

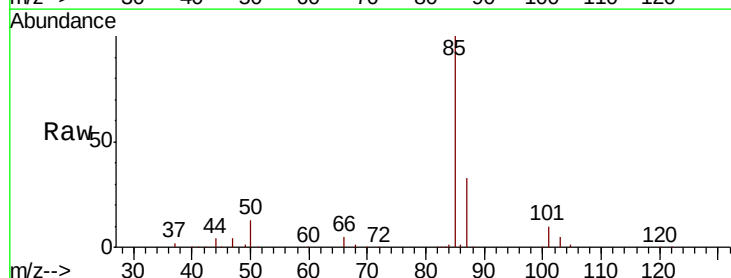
Acq: 08 Oct 2019 19:23

Tgt Ion: 85 Resp: 92368

Ion Ratio Lower Upper

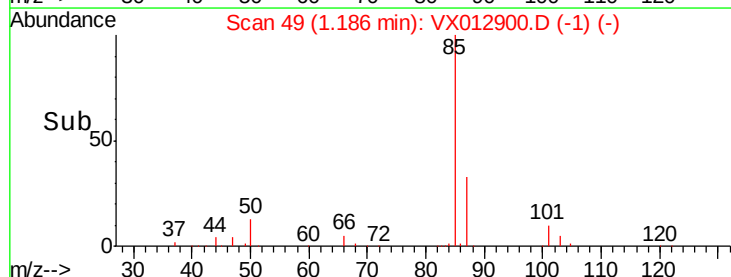
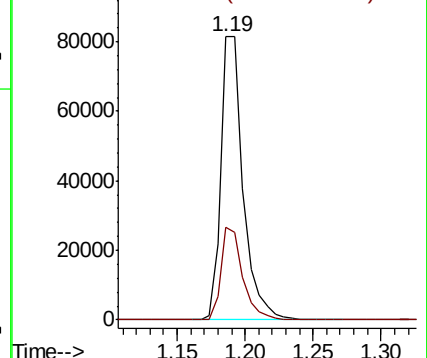
85 100

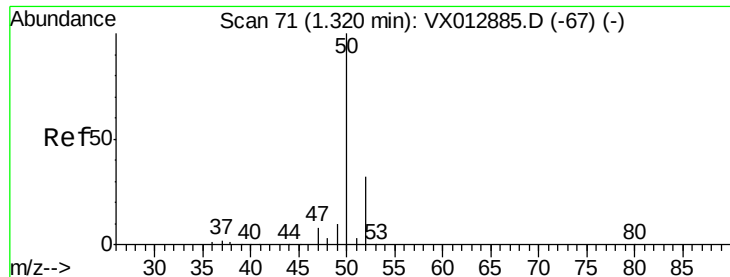
87 32.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 51.986 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

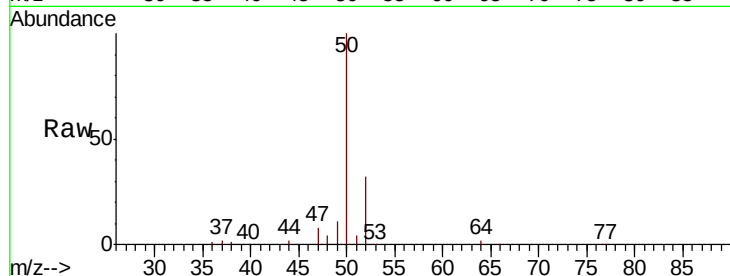
FA19-MMW3414MS

Tot Ion: 50 Resp: 103977

Ion Ratio Lower Upper

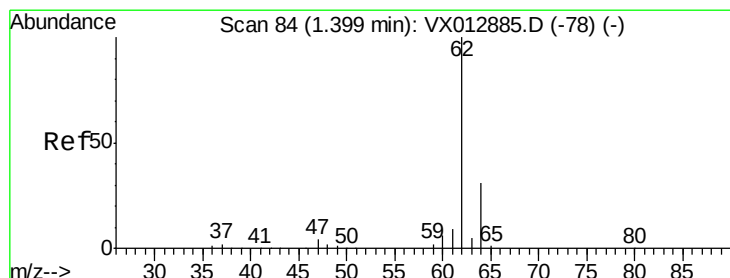
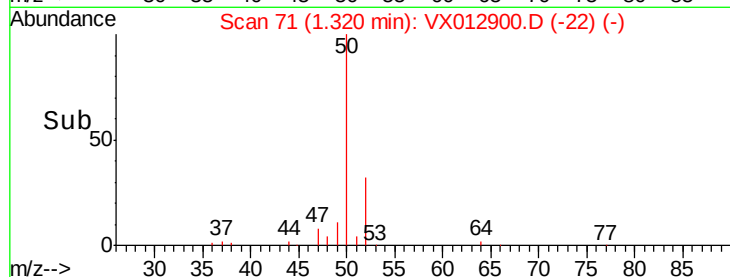
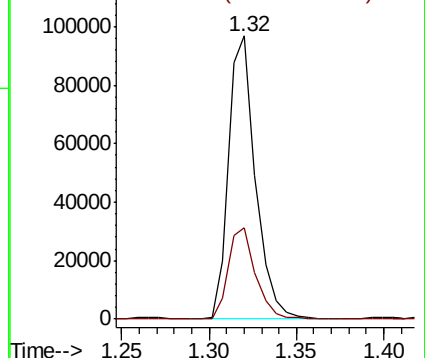
50 100

52 32.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.094 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012900.D

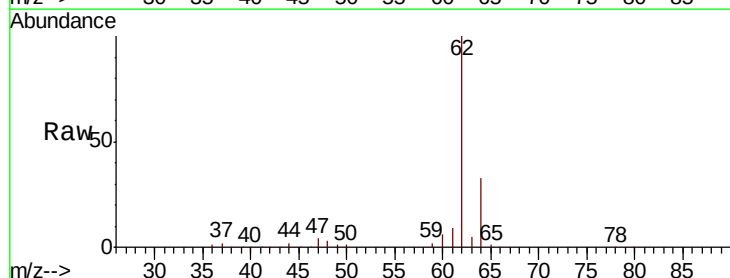
Acq: 08 Oct 2019 19:23

Tgt Ion: 62 Resp: 105478

Ion Ratio Lower Upper

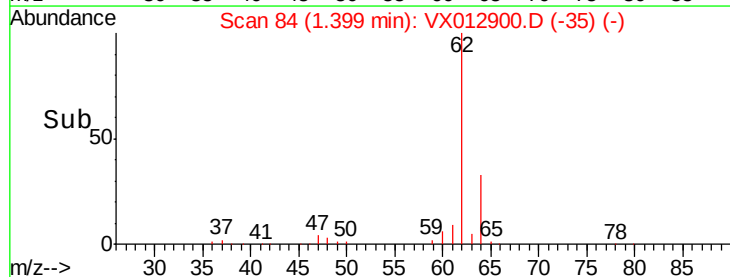
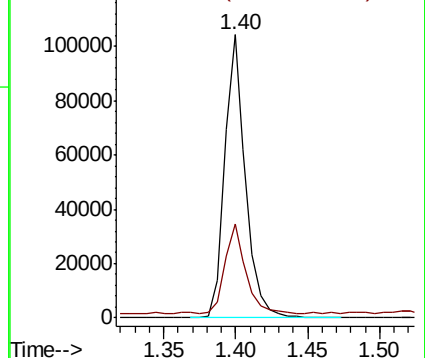
62 100

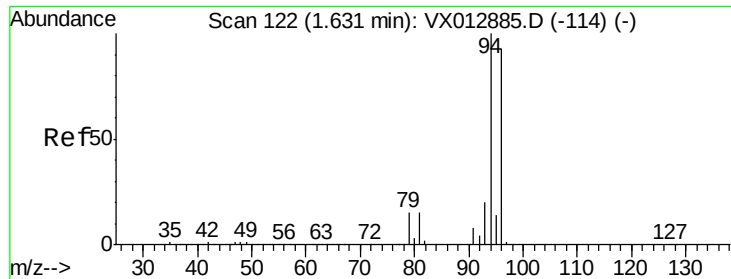
64 31.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 42.477 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

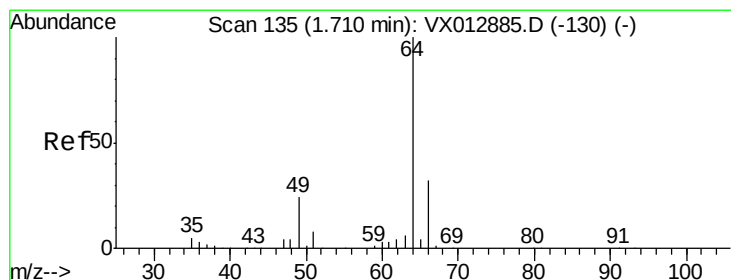
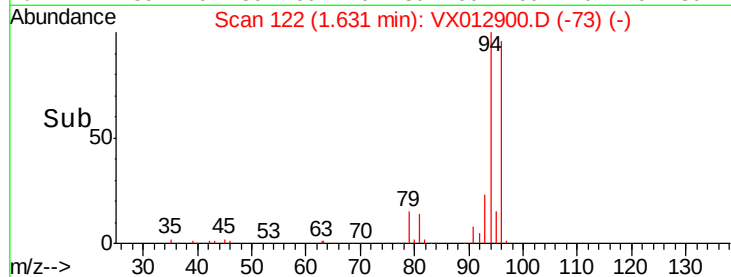
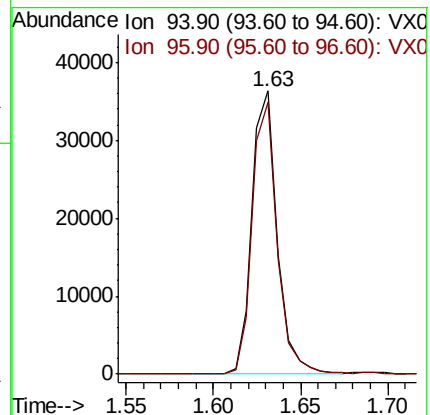
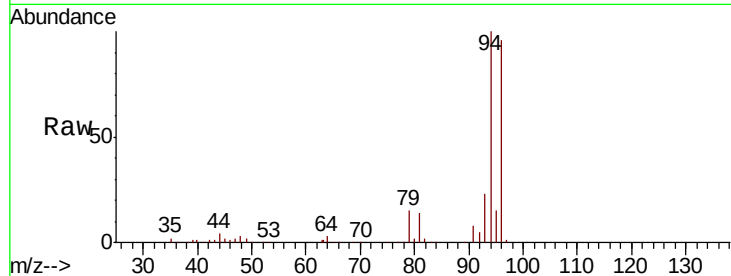
FA19-MMW3414MS

Tot Ion: 94 Resp: 36452

Ion Ratio Lower Upper

94 100

96 95.8 74.7 112.1



#6

Chloroethane

Concen: 50.037 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012900.D

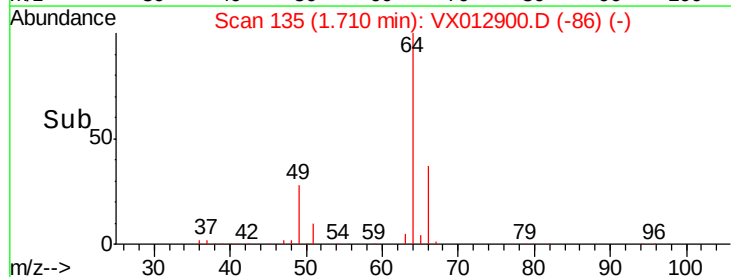
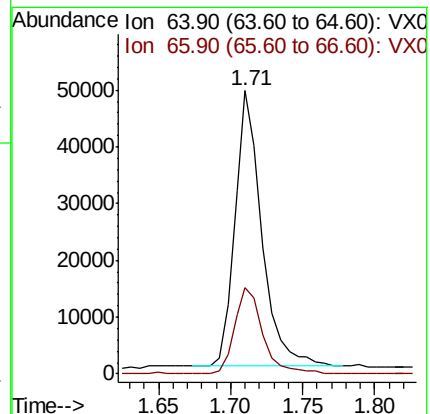
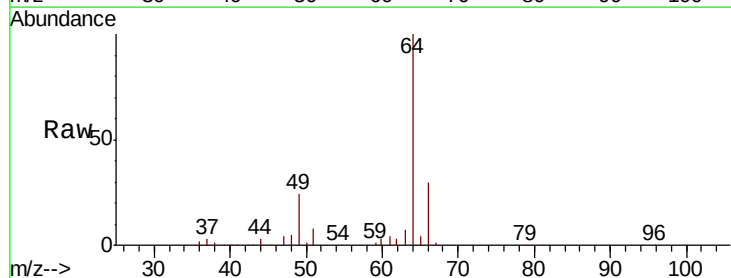
Acq: 08 Oct 2019 19:23

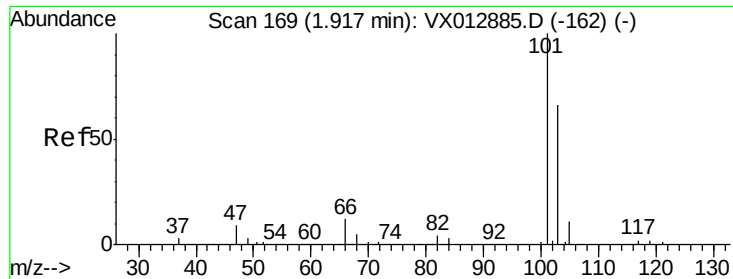
Tgt Ion: 64 Resp: 63097

Ion Ratio Lower Upper

64 100

66 30.9 25.6 38.4



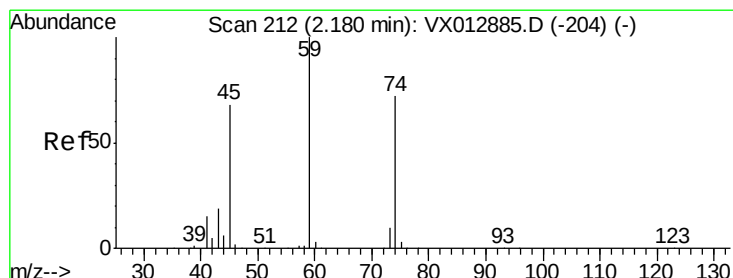
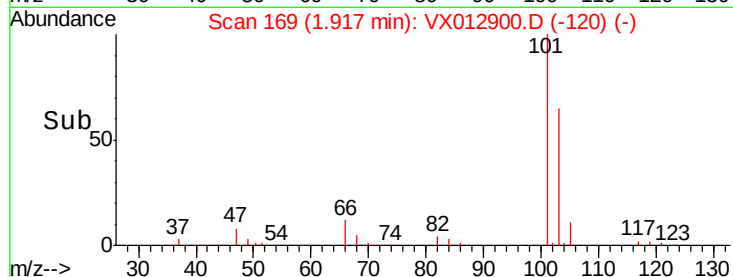
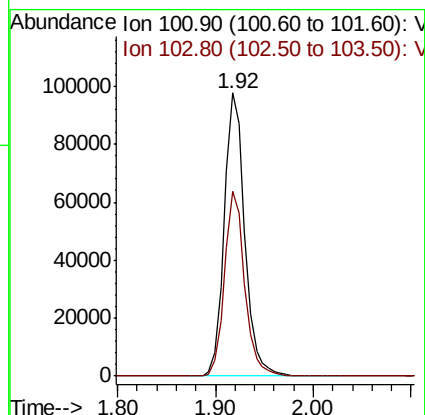
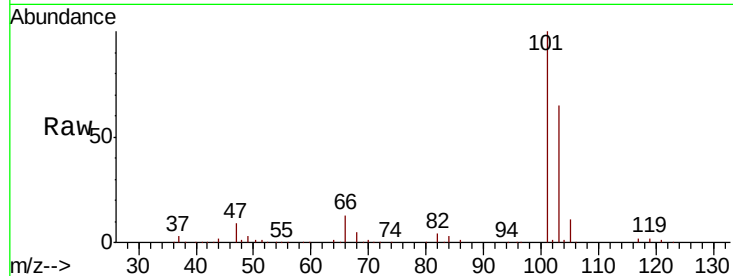


#7

Trichlorofluoromethane
 Concen: 50.997 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

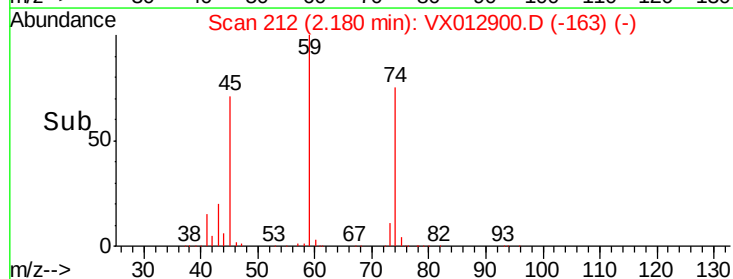
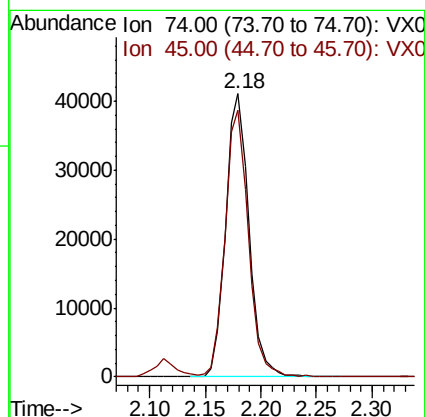
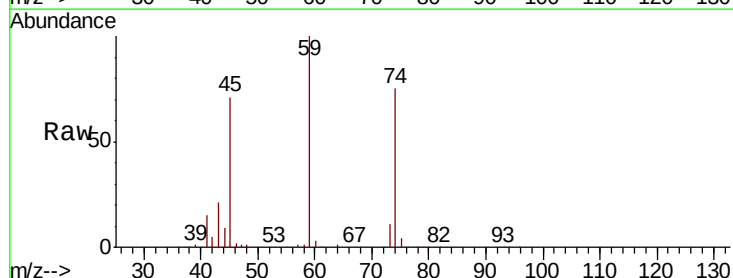
Tot Ion:101 Resp: 142096
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.5 78.7

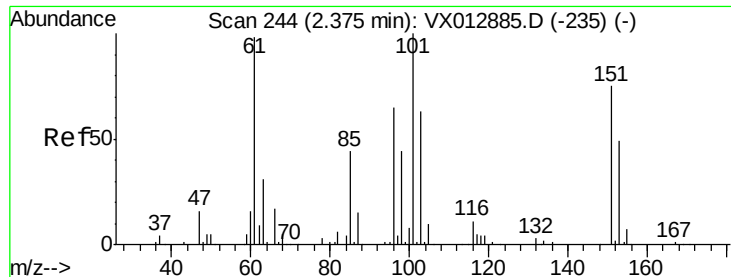


#8

Diethyl Ether
 Concen: 52.831 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

Tgt Ion: 74 Resp: 59418
 Ion Ratio Lower Upper
 74 100
 45 95.0 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.191 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

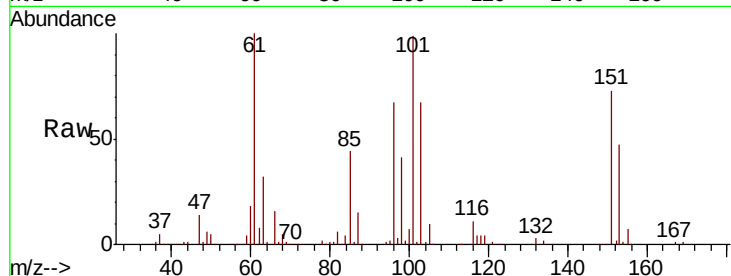
Tot Ion:101 Resp: 86904

Ion Ratio Lower Upper

101 100

85 44.3 35.2 52.8

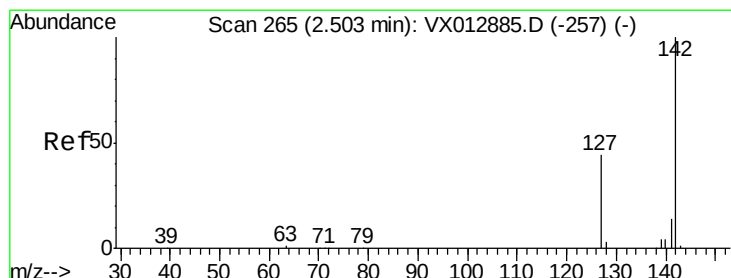
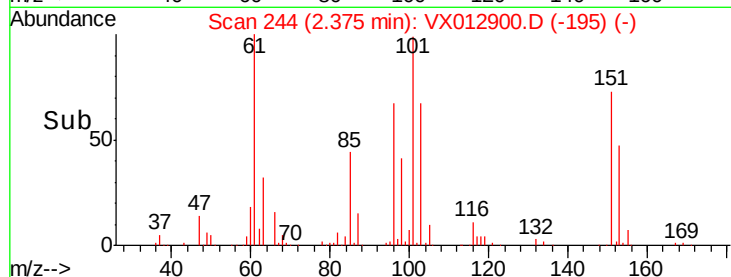
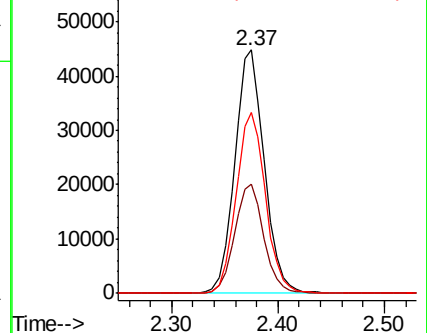
151 74.1 60.3 90.5



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: 43.917 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

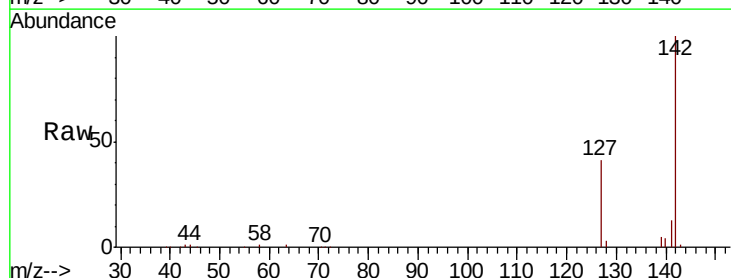
Tgt Ion:142 Resp: 88314

Ion Ratio Lower Upper

142 100

127 44.1 34.9 52.3

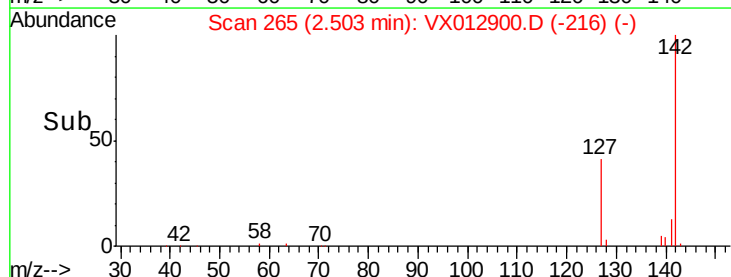
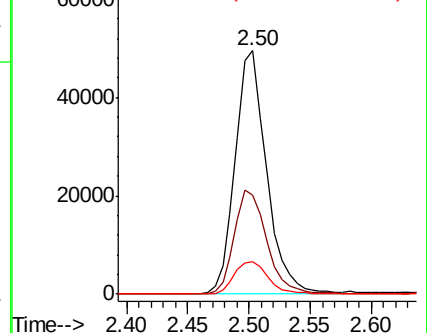
141 14.5 11.6 17.4

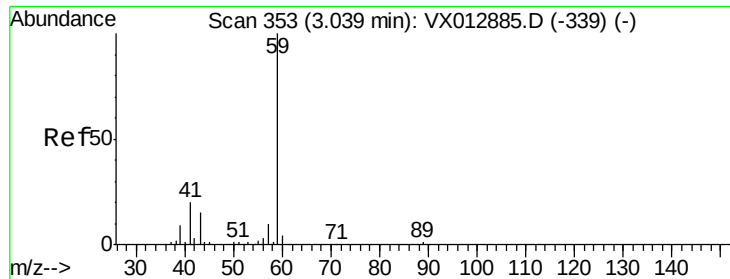


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

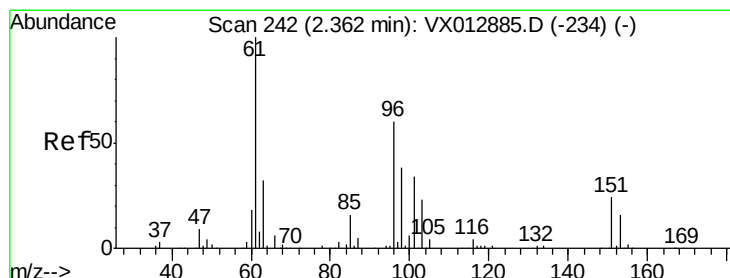
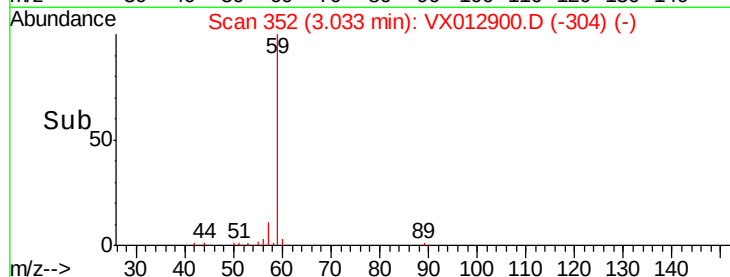
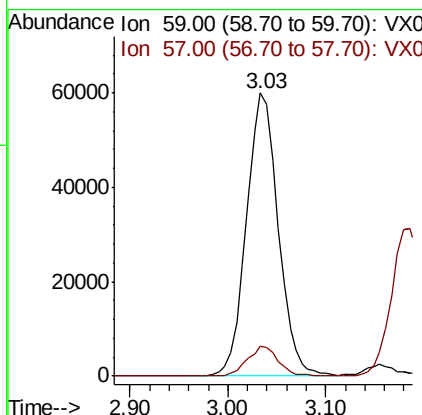
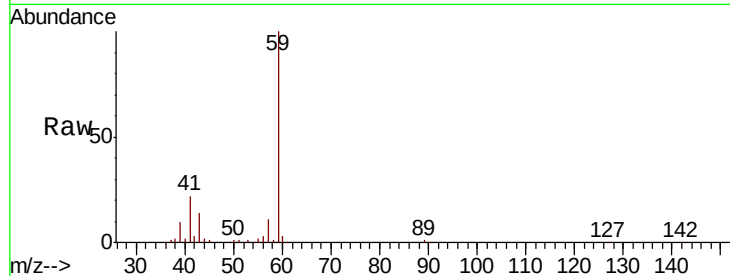




#11
Tert butyl alcohol
Concen: 227.138 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

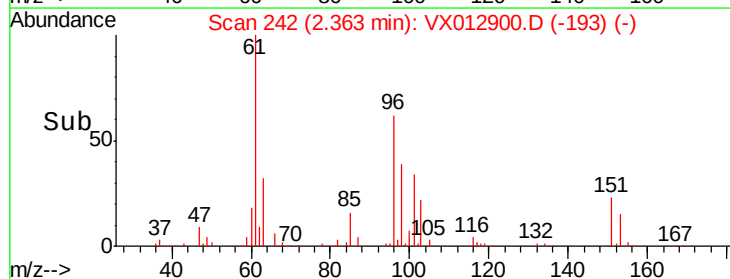
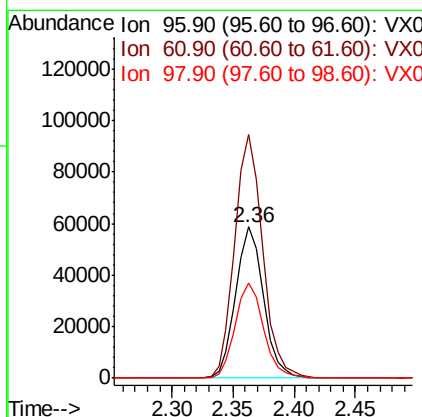
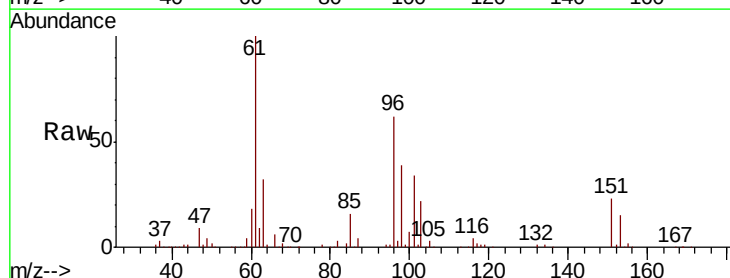
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

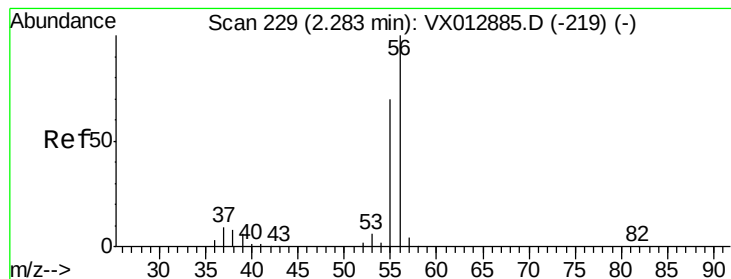
Tot Ion: 59 Resp: 135687
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5



#12
1,1-Dichloroethene
Concen: 50.840 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

Tgt Ion: 96 Resp: 92630
Ion Ratio Lower Upper
96 100
61 160.9 132.2 198.4
98 62.7 50.5 75.7





#13

Acrolein

Concen: 238.602 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

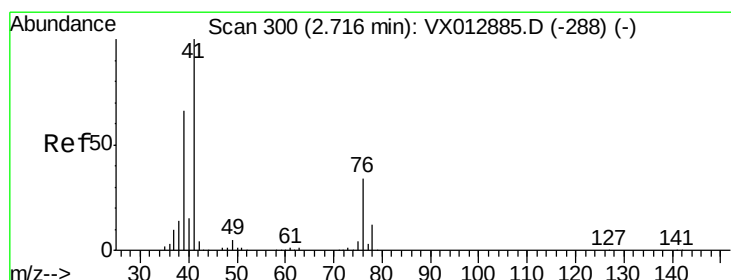
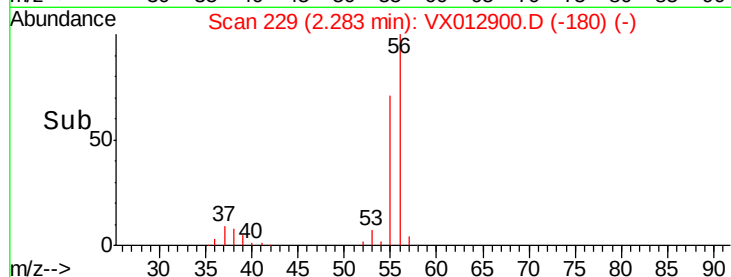
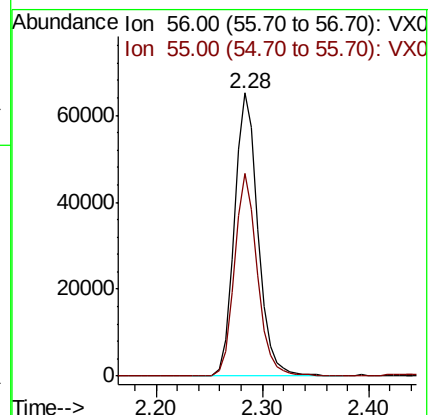
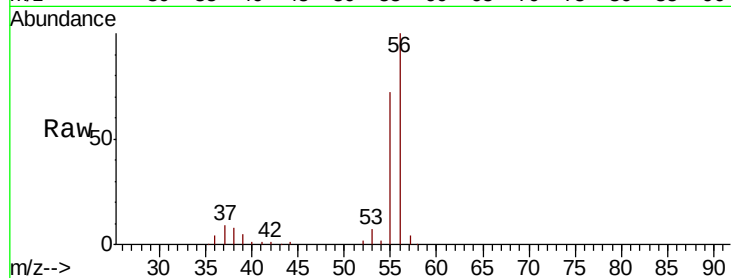
FA19-MMW3414MS

Tot Ion: 56 Resp: 101294

Ion Ratio Lower Upper

56 100

55 69.7 56.6 85.0



#14

Allyl chloride

Concen: 52.530 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

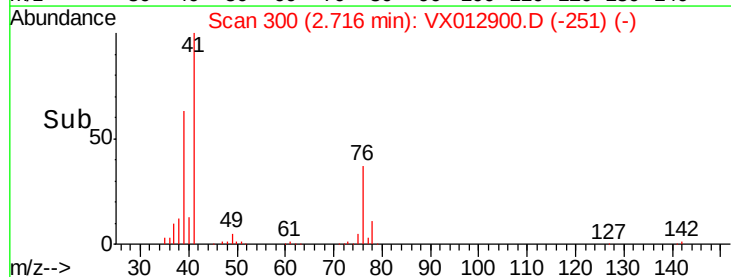
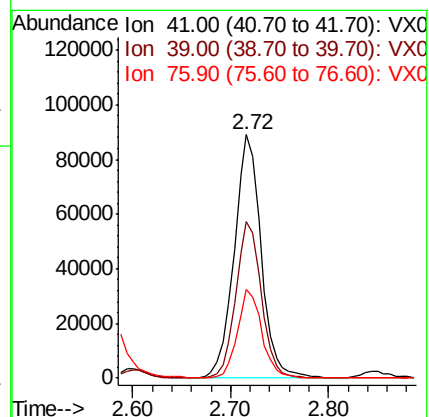
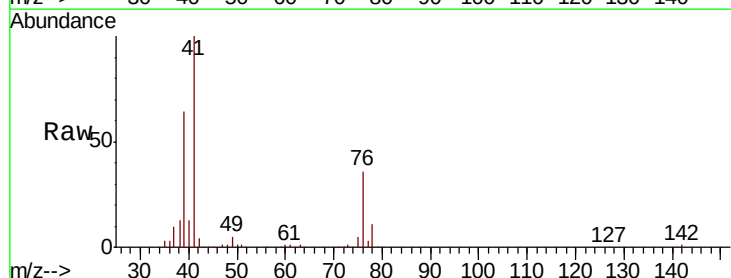
Tgt Ion: 41 Resp: 170446

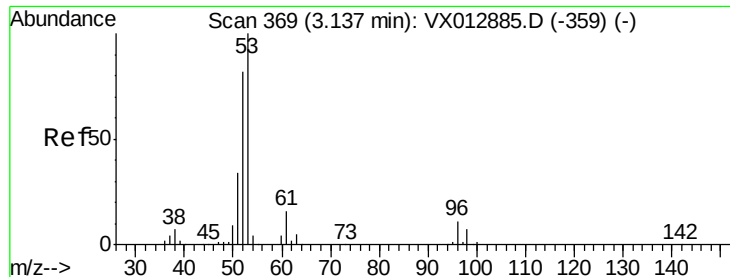
Ion Ratio Lower Upper

41 100

39 60.6 51.0 76.6

76 32.6 26.2 39.4





#15

Acrylonitrile

Concen: 268.659 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

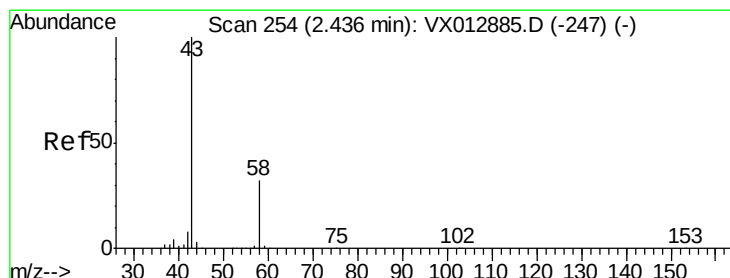
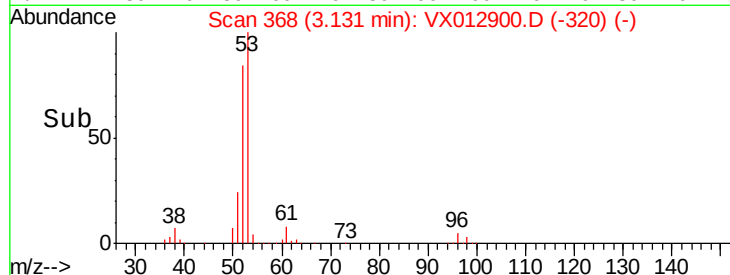
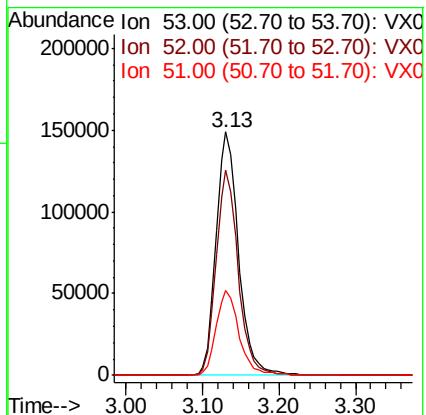
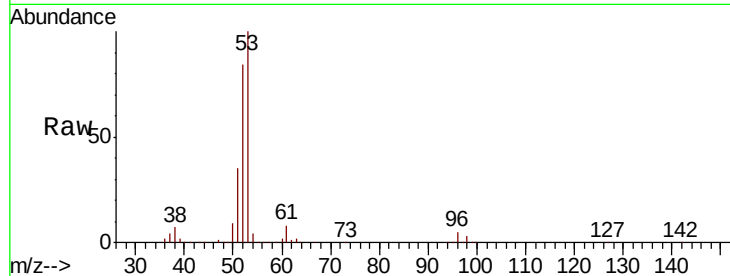
Tot Ion: 53 Resp: 304142

Ion Ratio Lower Upper

53 100

52 82.3 66.2 99.2

51 35.6 28.2 42.4



#16

Acetone

Concen: 219.205 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012900.D

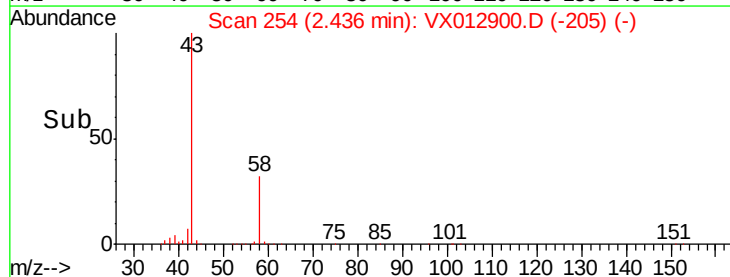
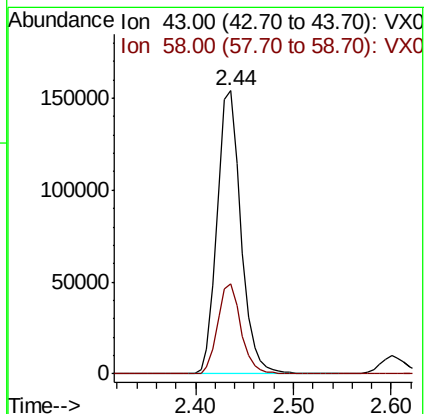
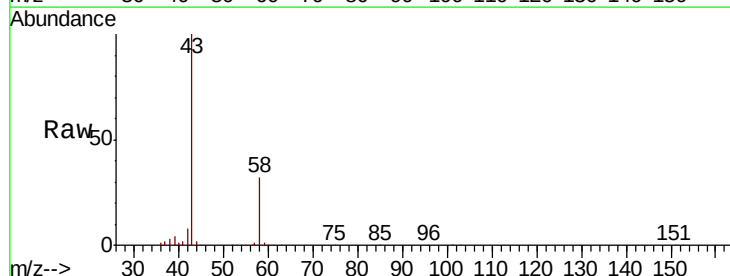
Acq: 08 Oct 2019 19:23

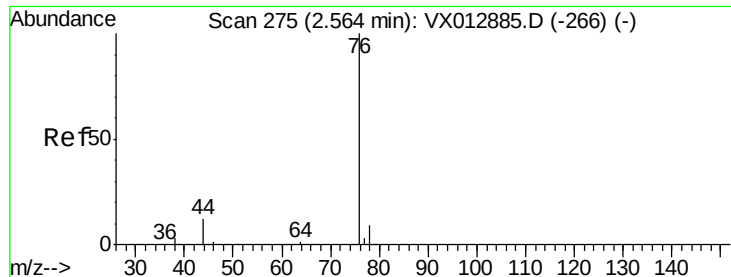
Tgt Ion: 43 Resp: 260374

Ion Ratio Lower Upper

43 100

58 31.9 25.4 38.2





#17

Carbon Disulfide

Concen: 49.296 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

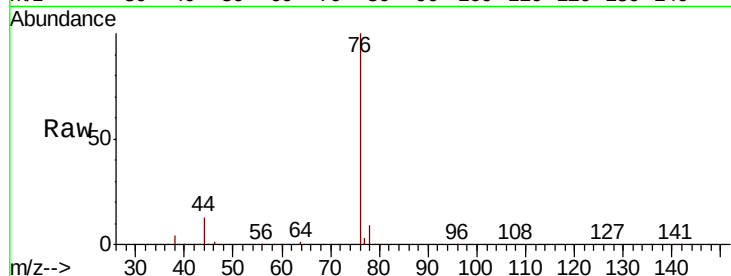
FA19-MMW3414MS

Tot Ion: 76 Resp: 256105

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

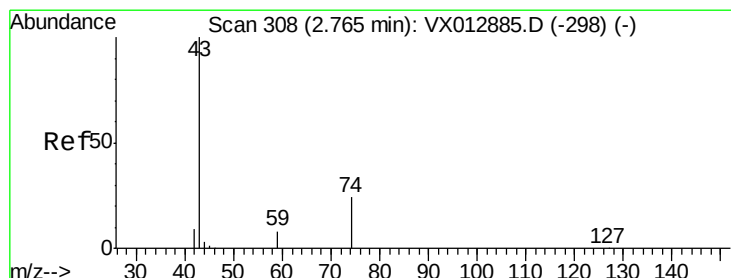
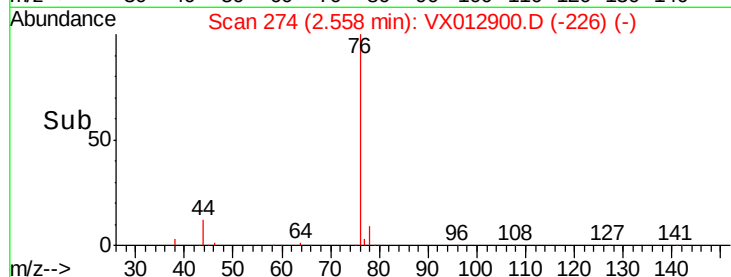
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 48.299 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012900.D

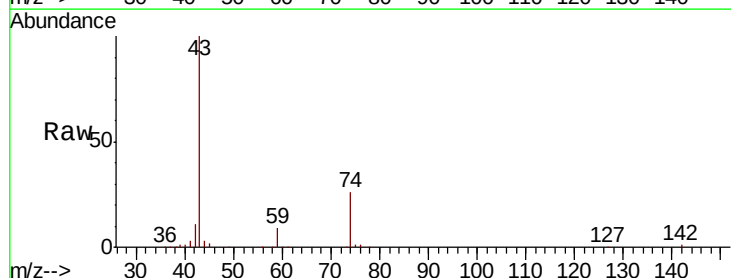
Acq: 08 Oct 2019 19:23

Tgt Ion: 43 Resp: 135982

Ion Ratio Lower Upper

43 100

74 24.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

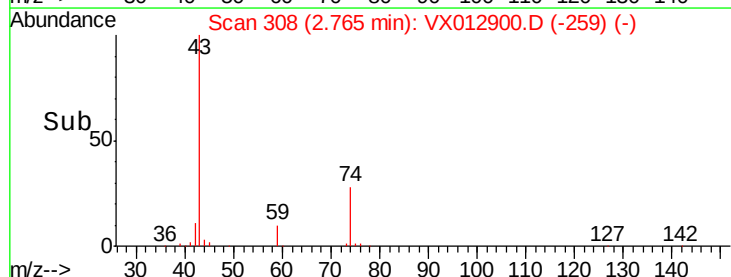
60000

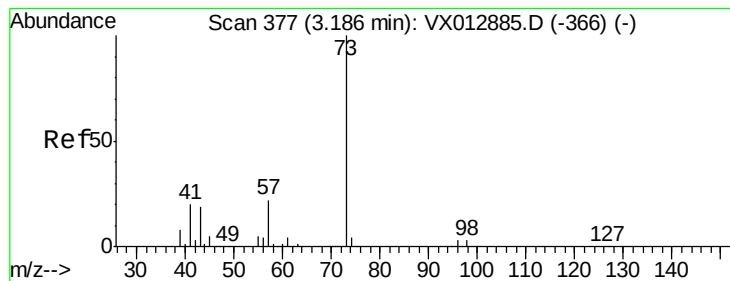
40000

20000

0

Time-->



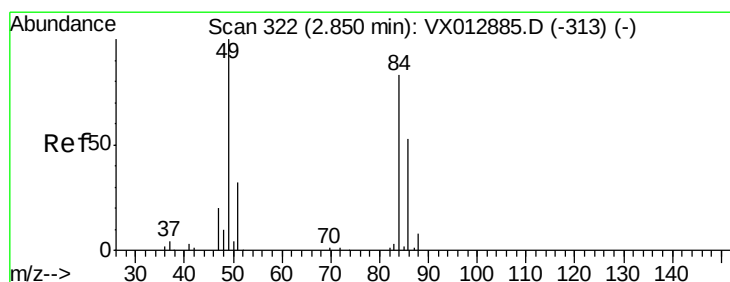
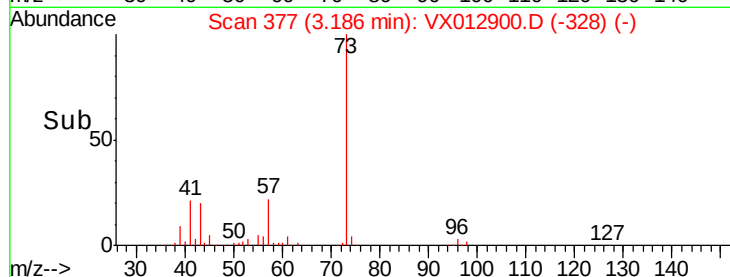
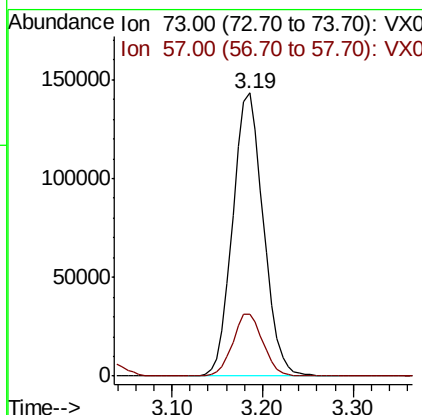
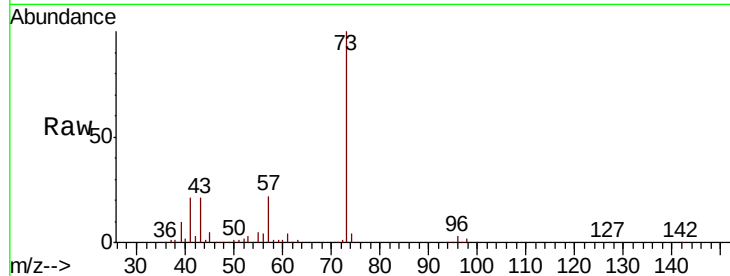


#19

Methyl tert-butyl Ether
 Concen: 53.461 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

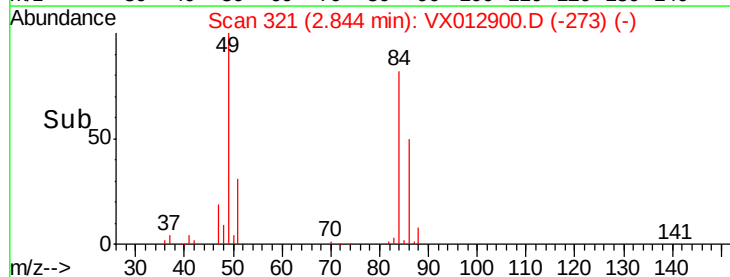
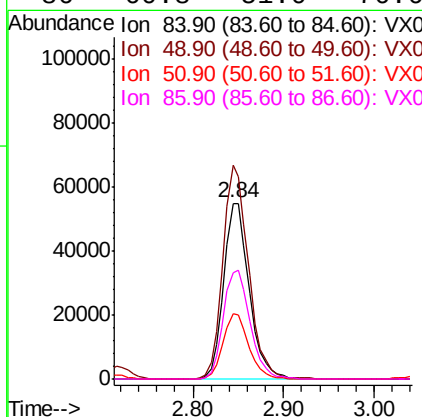
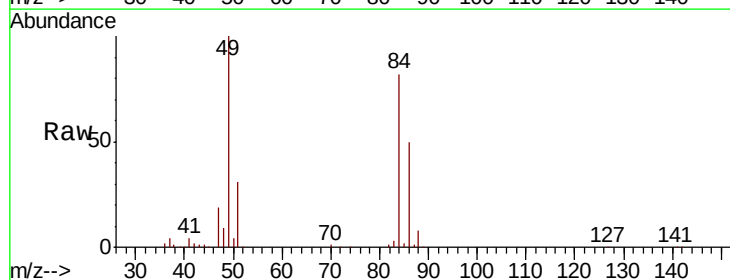
Tot Ion: 73 Resp: 336378
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.8 26.6

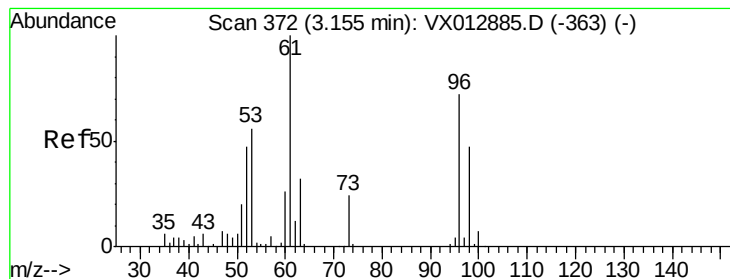


#20

Methylene Chloride
 Concen: 49.338 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

Tgt Ion: 84 Resp: 107702
 Ion Ratio Lower Upper
 84 100
 49 121.4 96.6 144.8
 51 37.2 30.7 46.1
 86 60.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 51.838 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

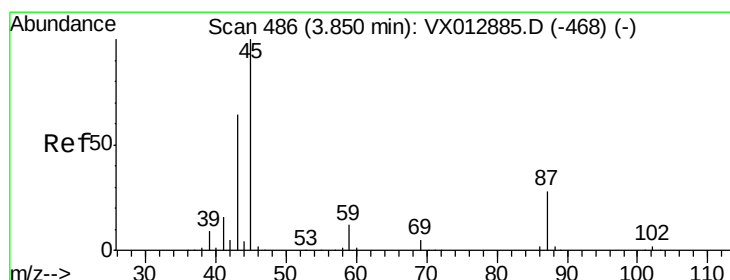
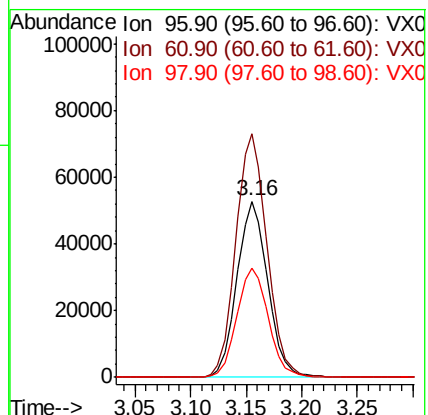
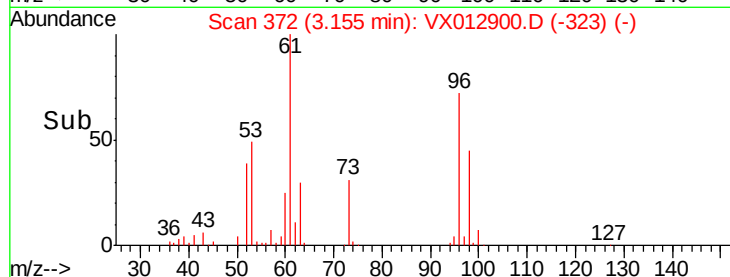
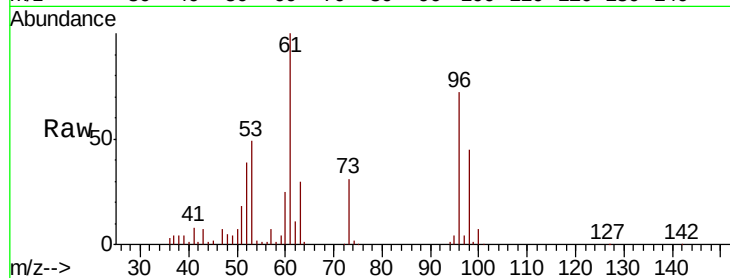
Tot Ion: 96 Resp: 101231

Ion Ratio Lower Upper

96 100

61 138.1 110.4 165.6

98 62.2 51.5 77.3



#22

Diisopropyl ether

Concen: 53.120 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Tgt Ion: 45 Resp: 330271

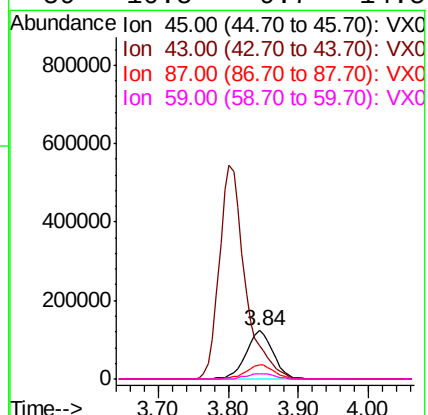
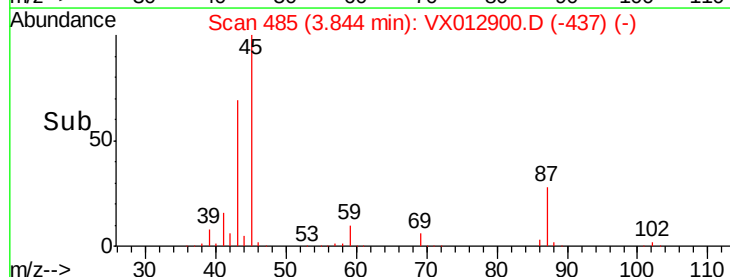
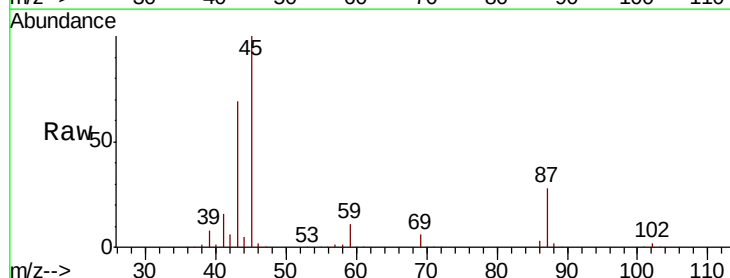
Ion Ratio Lower Upper

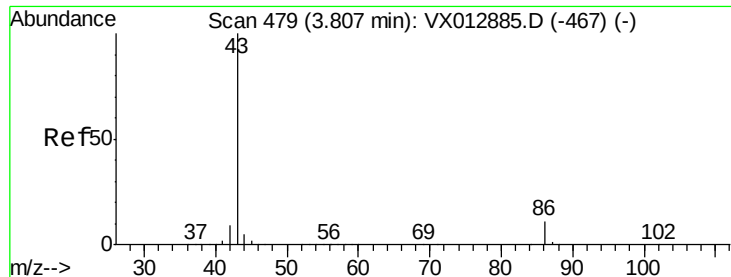
45 100

43 69.2 51.4 77.0

87 28.2 22.5 33.7

59 10.5 9.7 14.5





#23

Vinyl Acetate

Concen: 261.009 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

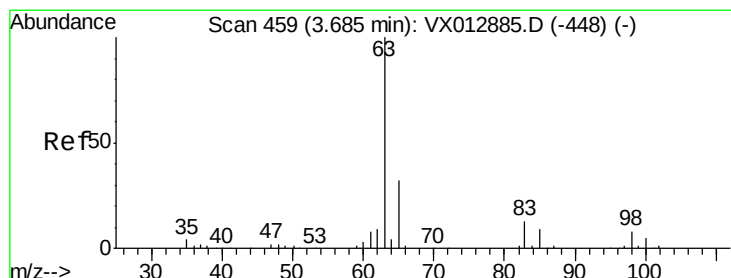
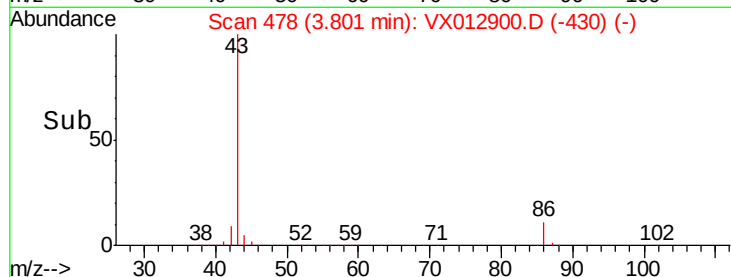
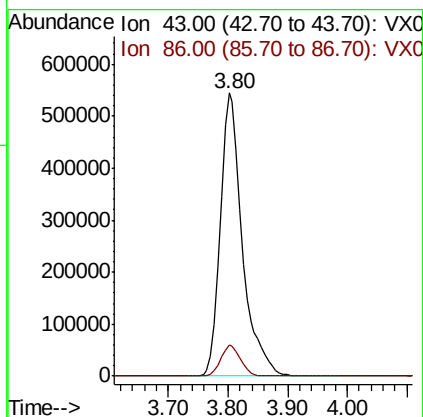
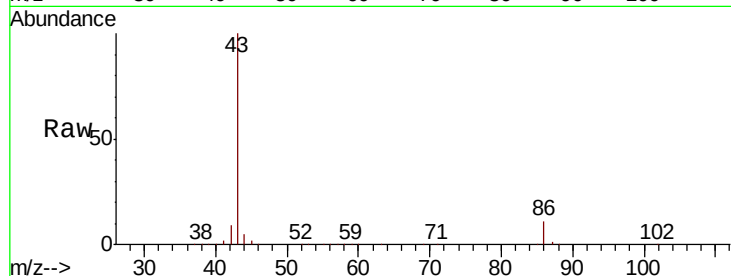
FA19-MMW3414MS

Tot Ion: 43 Resp: 1400934

Ion Ratio Lower Upper

43 100

86 10.9 9.0 13.6



#24

1,1-Dichloroethane

Concen: 53.072 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

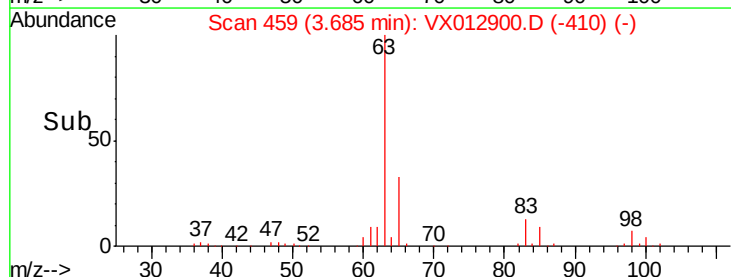
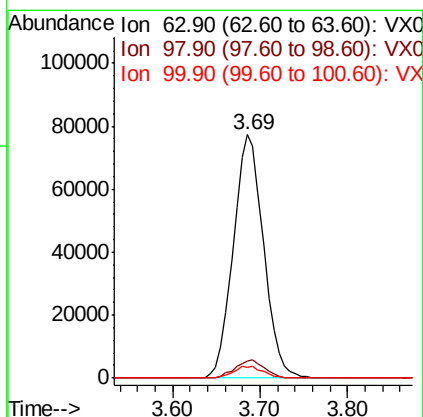
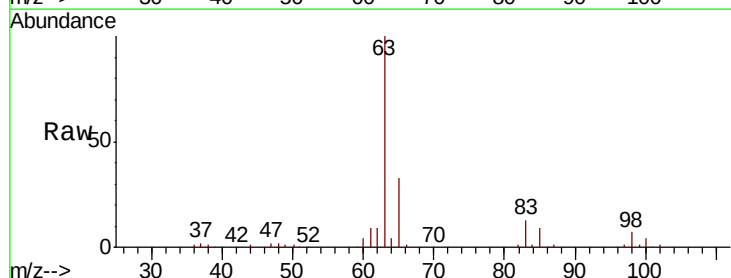
Tgt Ion: 63 Resp: 185636

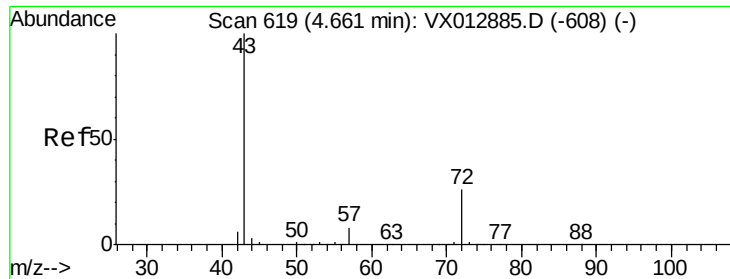
Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.5

100 4.4 2.3 6.9





#25

2-Butanone

Concen: 252.037 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

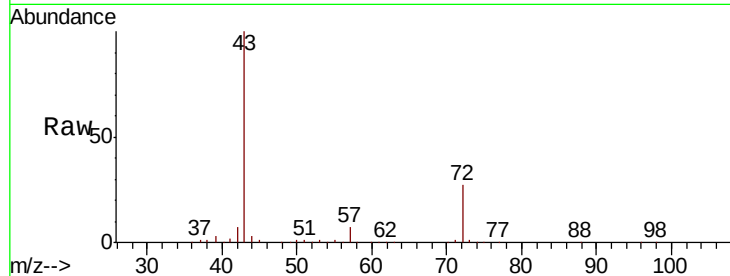
FA19-MMW3414MS

Tot Ion: 43 Resp: 415338

Ion Ratio Lower Upper

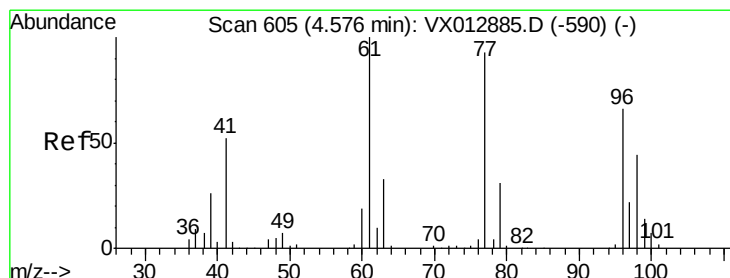
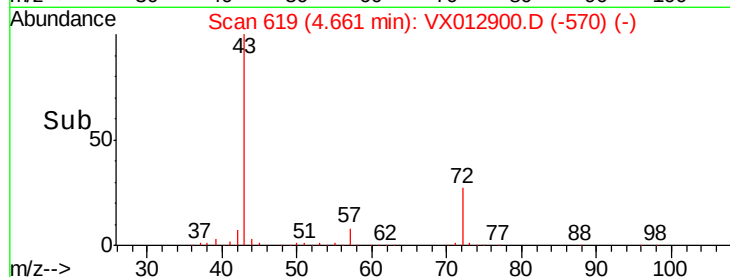
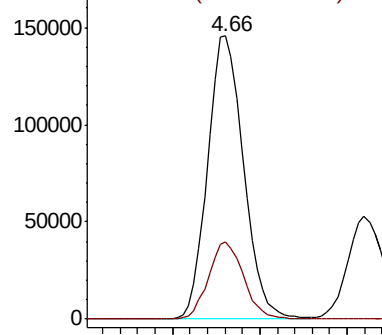
43 100

72 27.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.961 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012900.D

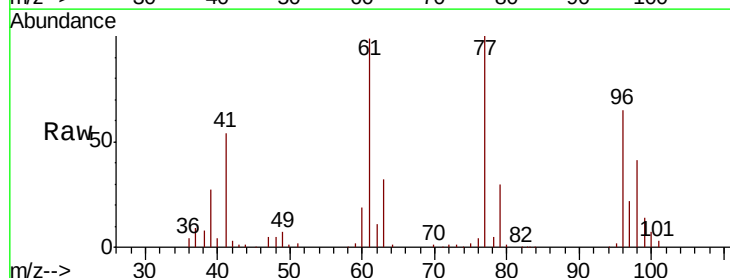
Acq: 08 Oct 2019 19:23

Tgt Ion: 77 Resp: 138129

Ion Ratio Lower Upper

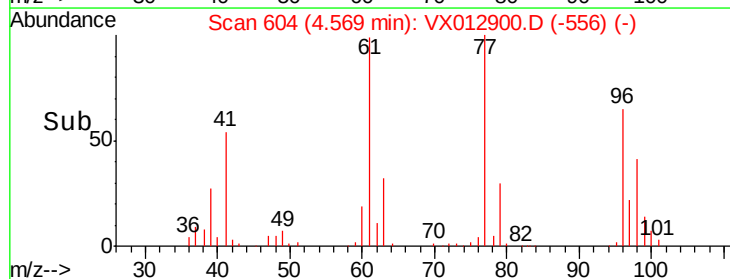
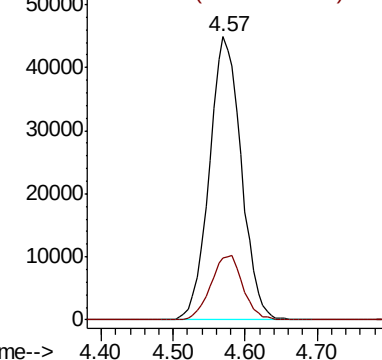
77 100

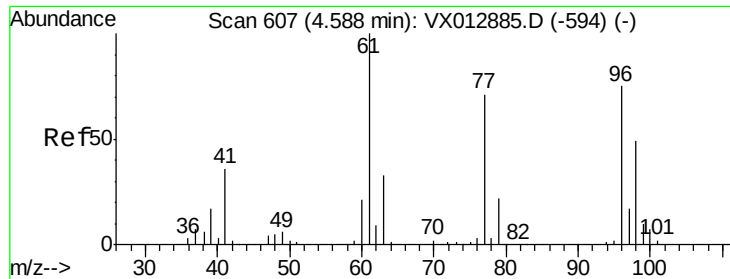
97 22.8 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



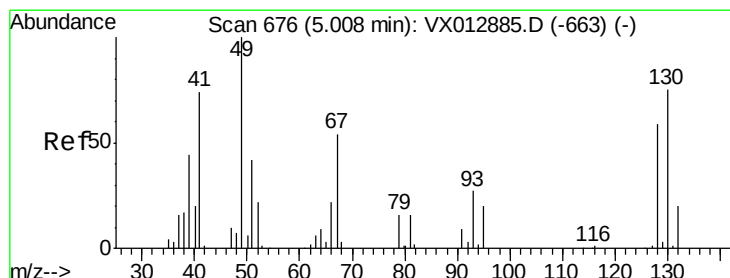
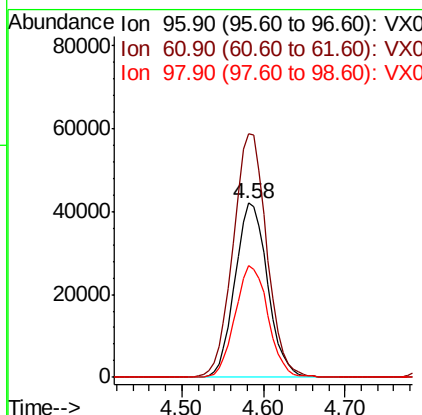
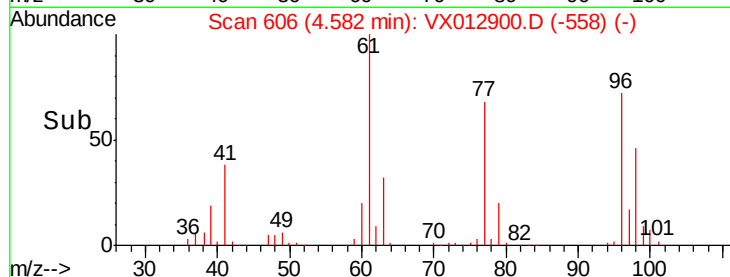
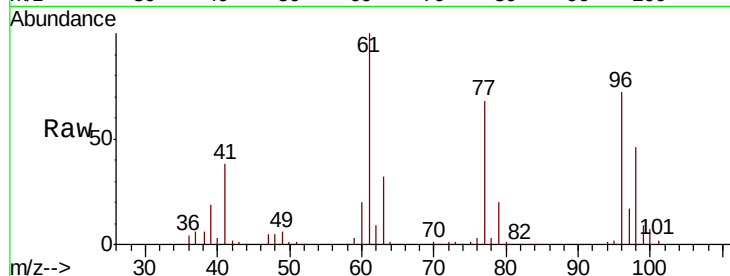


#27

cis-1,2-Dichloroethene
 Concen: 51.881 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

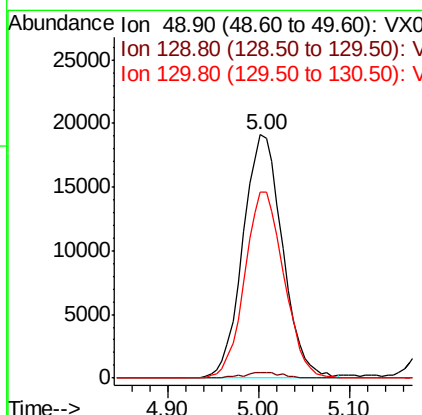
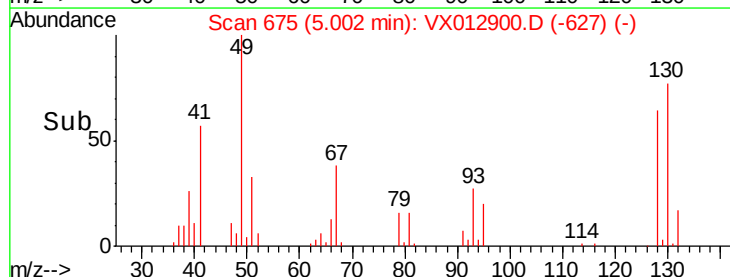
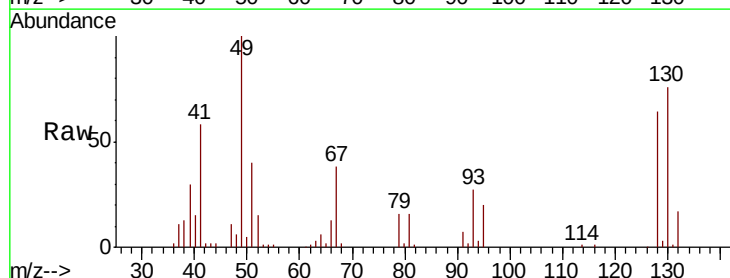
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	290.6
98	64.7	0.0	128.8

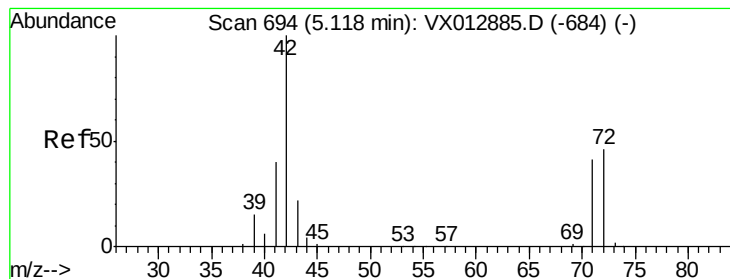


#28

Bromochloromethane
 Concen: 55.355 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	75.8	62.1	93.1





#29

Tetrahydrofuran

Concen: 267.626 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

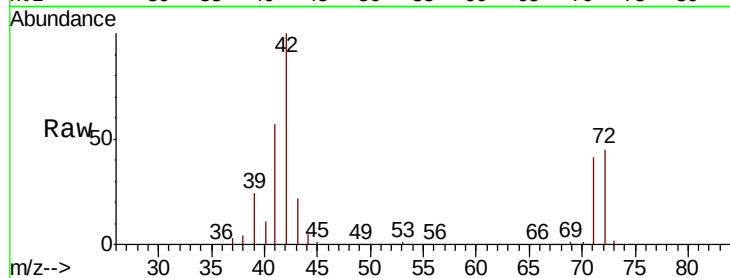
Tot Ion: 42 Resp: 271393

Ion Ratio Lower Upper

42 100

72 45.3 36.9 55.3

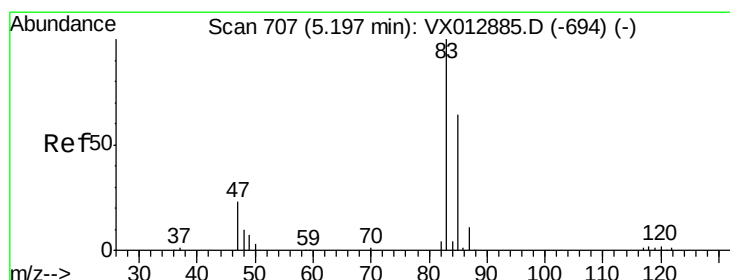
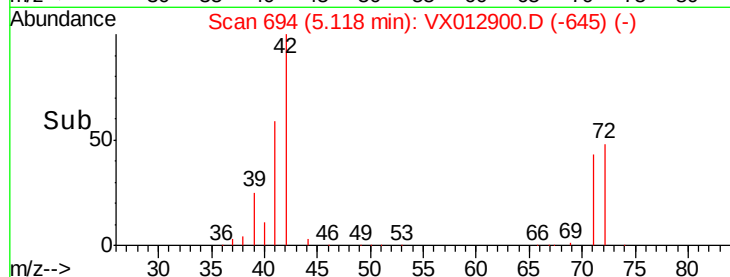
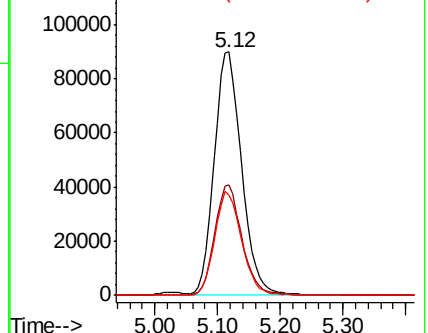
71 42.0 33.5 50.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.607 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX012900.D

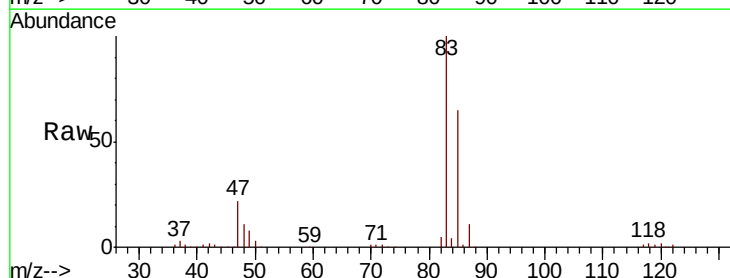
Acq: 08 Oct 2019 19:23

Tgt Ion: 83 Resp: 185218

Ion Ratio Lower Upper

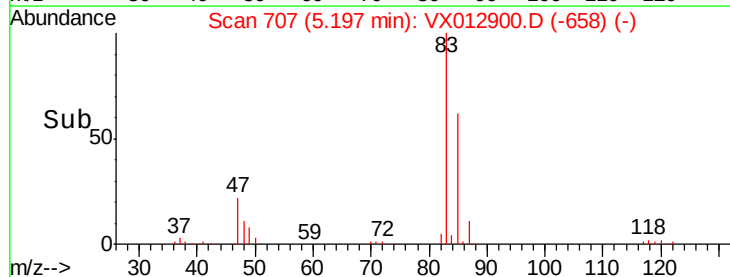
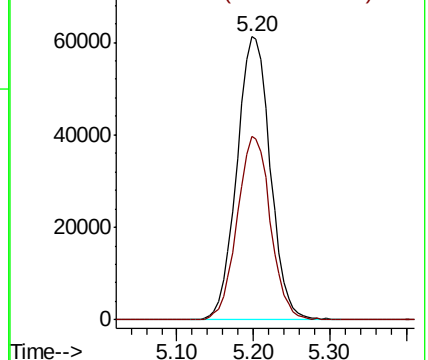
83 100

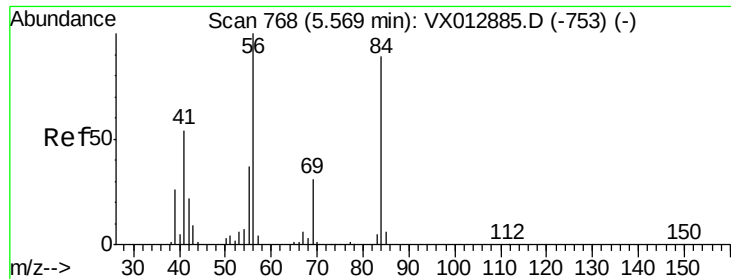
85 64.8 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

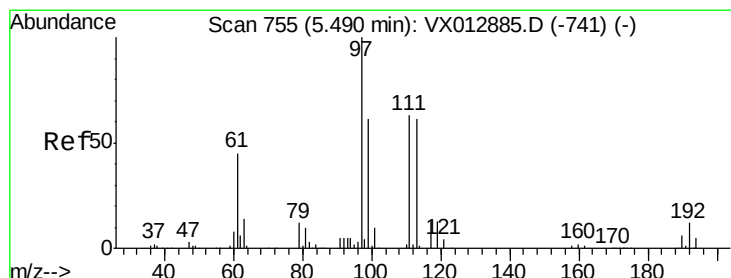
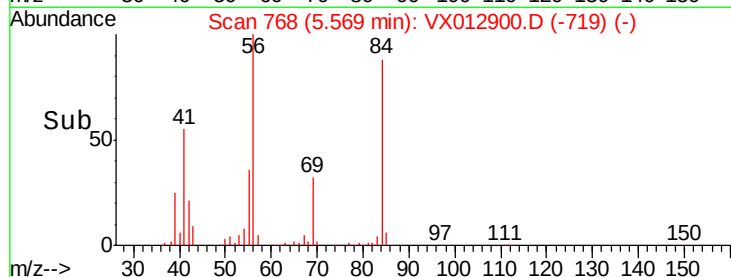
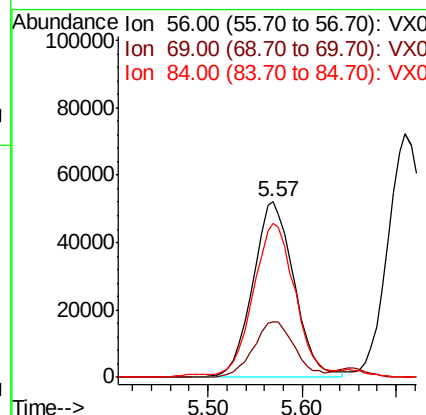
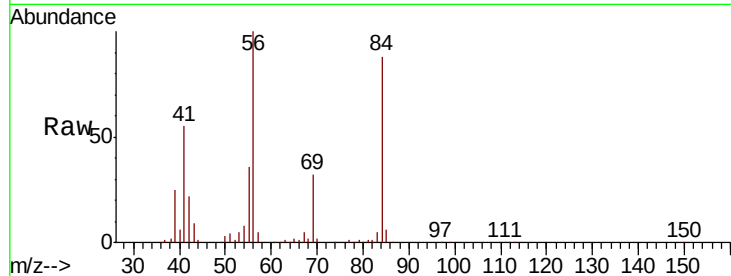




#31
Cyclohexane
Concen: 48.763 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

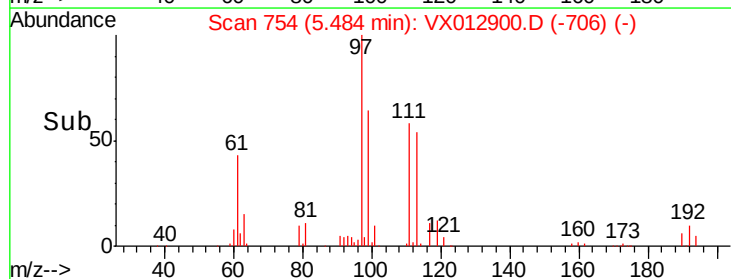
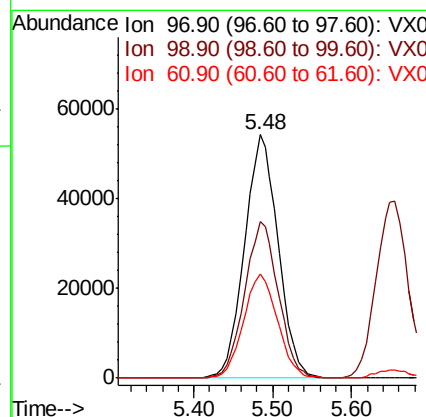
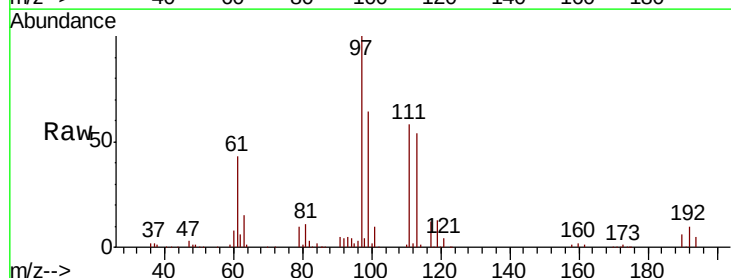
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

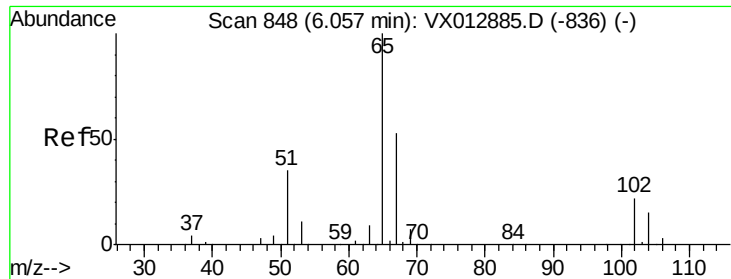
Tot Ion: 56 Resp: 159489
Ion Ratio Lower Upper
56 100
69 31.7 25.2 37.8
84 85.9 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 52.731 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

Tgt Ion: 97 Resp: 160356
Ion Ratio Lower Upper
97 100
99 64.6 52.3 78.5
61 43.5 35.0 52.4

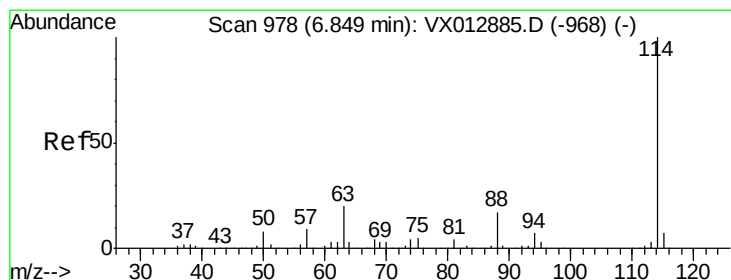
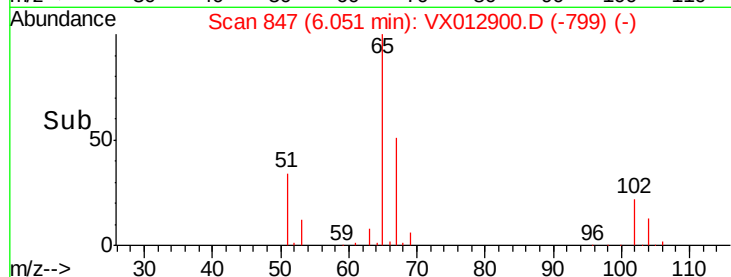
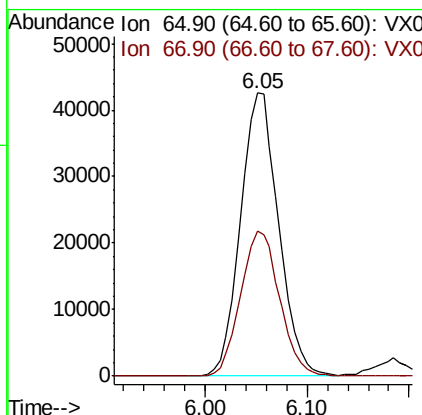
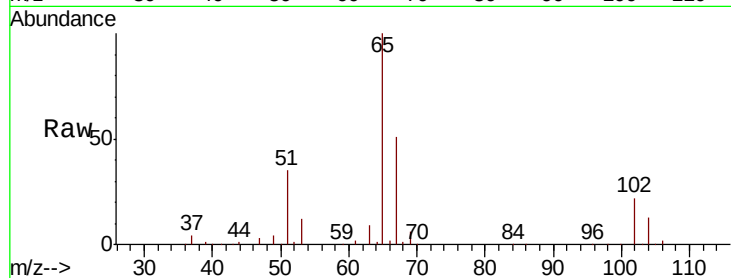




#33
 1,2-Dichloroethane-d4
 Concen: 49.078 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

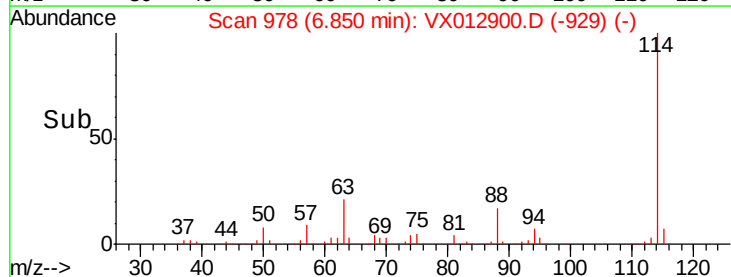
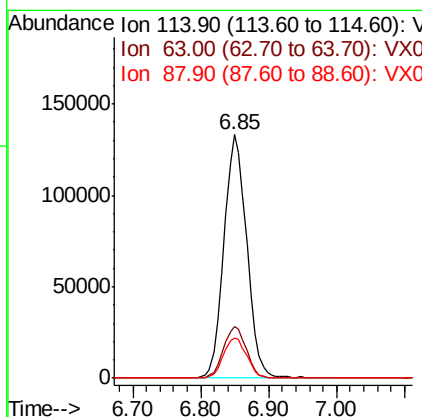
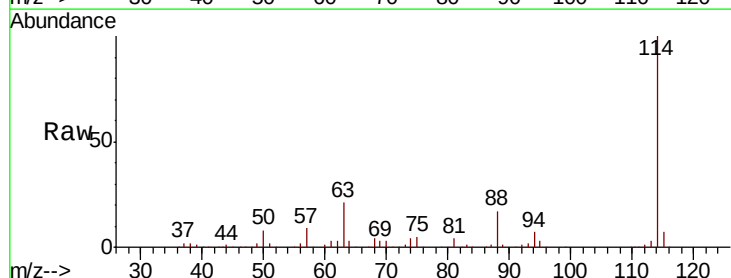
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

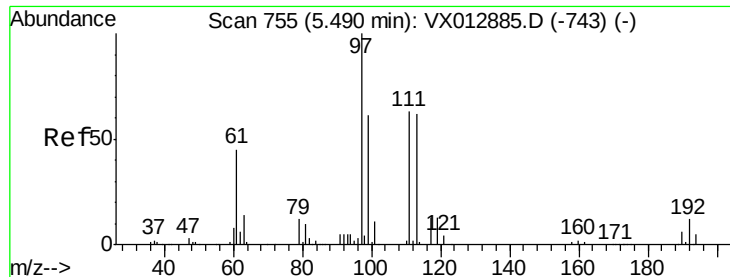
Tot Ion: 65 Resp: 110597
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

Tgt Ion: 114 Resp: 310787
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.8
 88 16.7 0.0 33.8

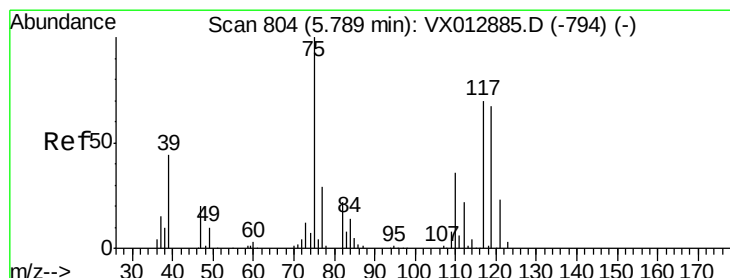
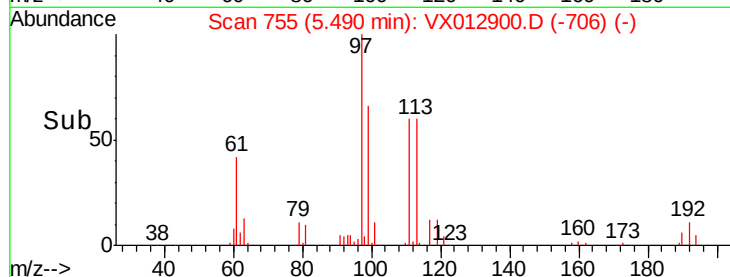
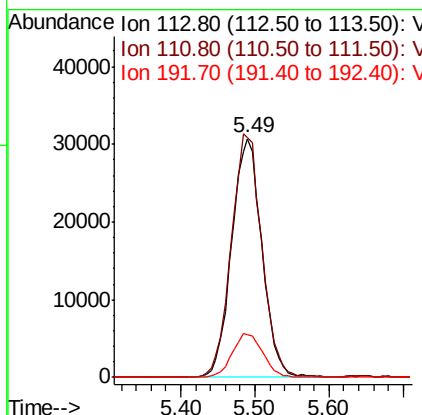
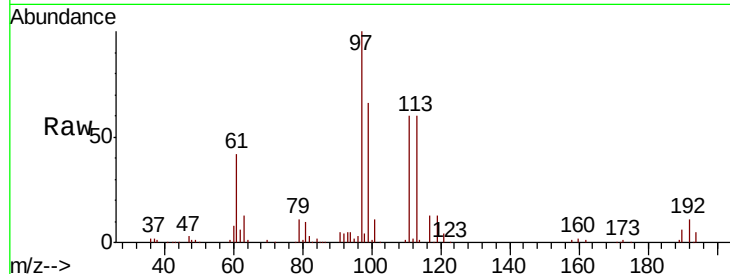




#35
 Dibromofluoromethane
 Concen: 48.936 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

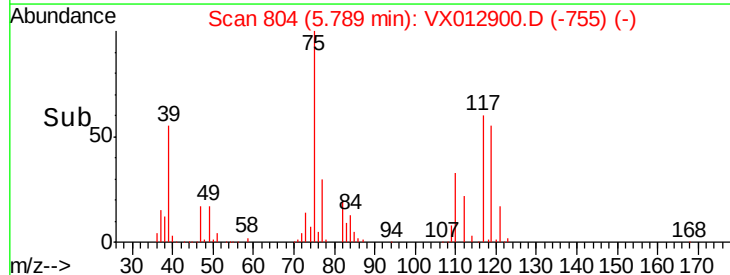
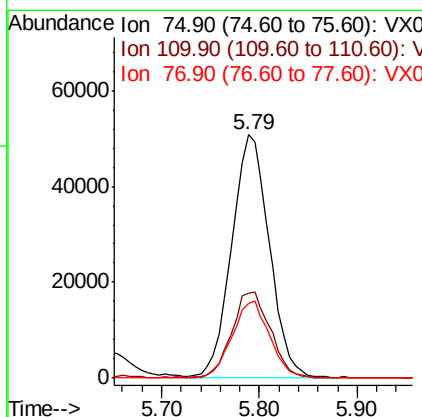
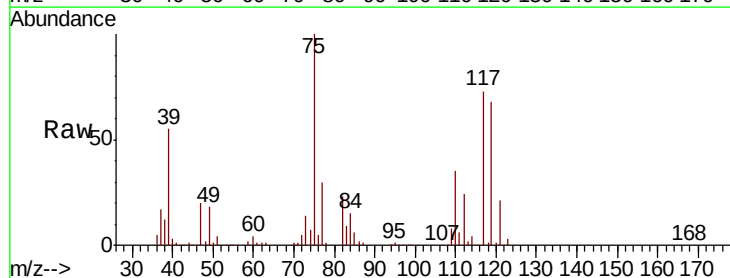
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

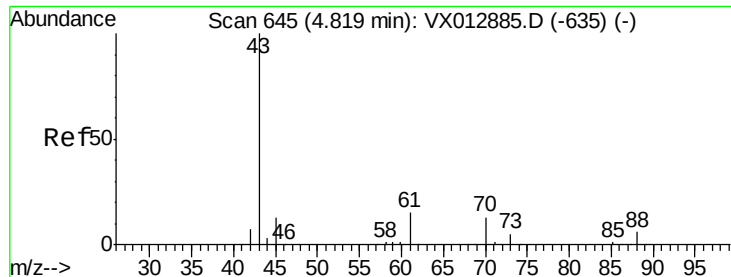
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.2	124.8
192	18.5	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 49.507 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	17.6	52.9
77	31.9	24.4	36.6

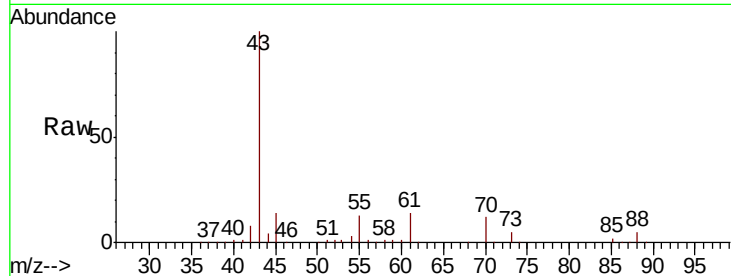




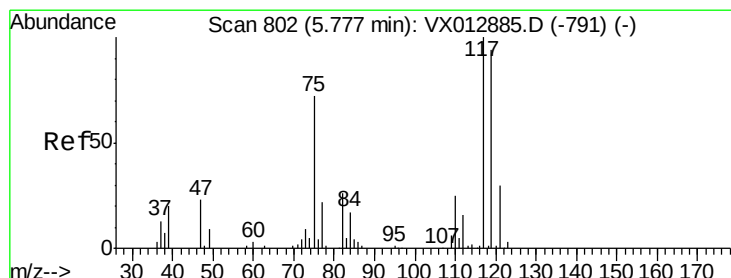
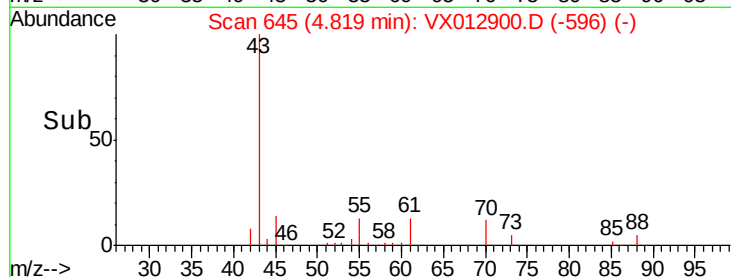
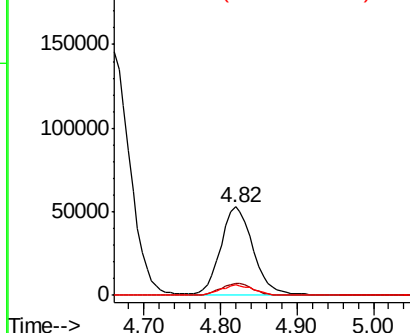
#37
Ethyl Acetate
Concen: 50.340 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

Tot Ion: 43 Resp: 153809
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.0
70 12.1 9.8 14.6

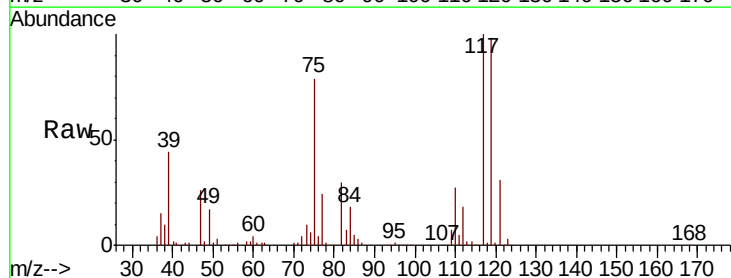


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

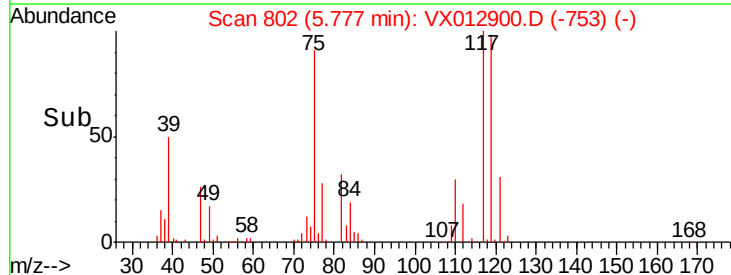
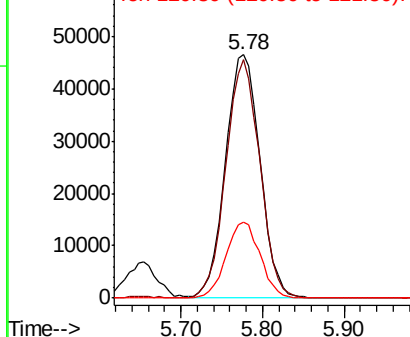


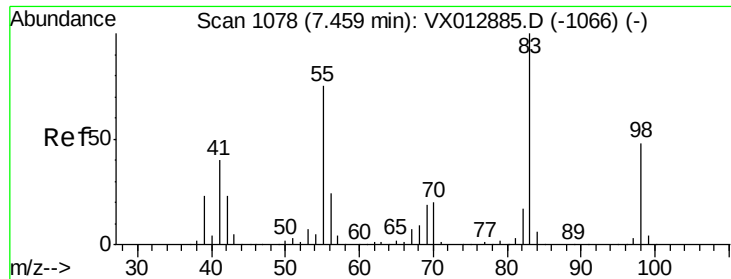
#38
Carbon Tetrachloride
Concen: 51.374 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

Tgt Ion: 117 Resp: 136634
Ion Ratio Lower Upper
117 100
119 98.0 74.5 111.7
121 31.0 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

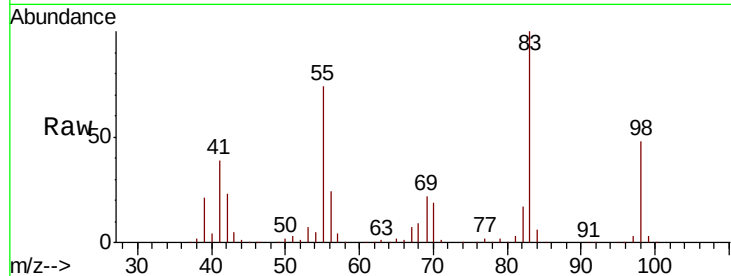




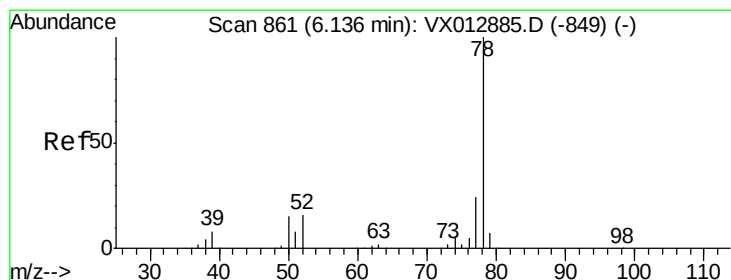
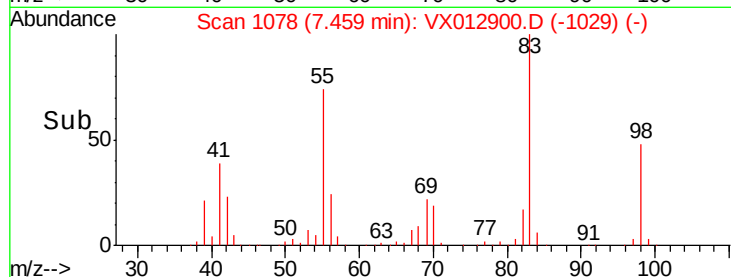
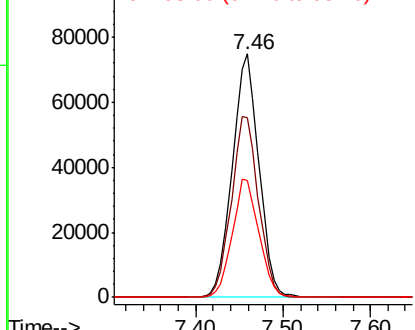
#39
Methylvlcyclohexane
Concen: 47.809 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

Tot Ion: 83 Resp: 158425
Ion Ratio Lower Upper
83 100
55 73.8 60.2 90.4
98 47.8 38.5 57.7

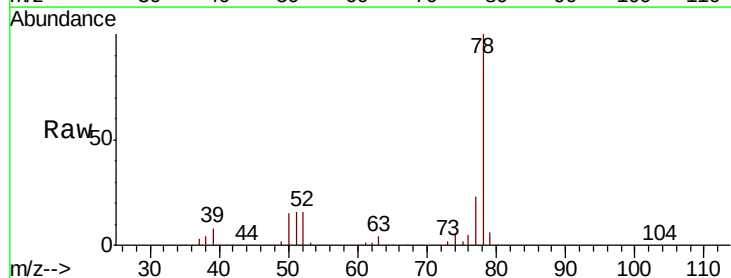


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

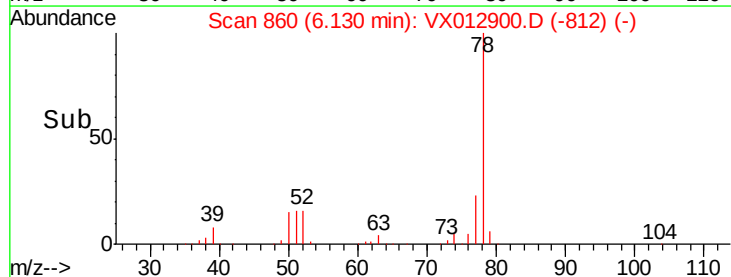
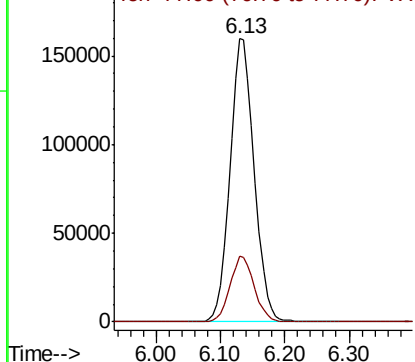


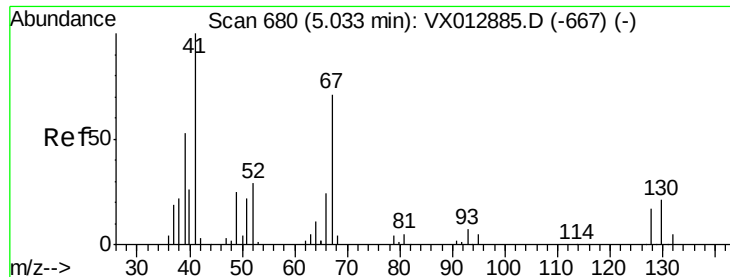
#40
Benzene
Concen: 51.947 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

Tgt Ion: 78 Resp: 419230
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4



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





#41

Methacrylonitrile

Concen: 54.307 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

Tot Ion: 41 Resp: 91176

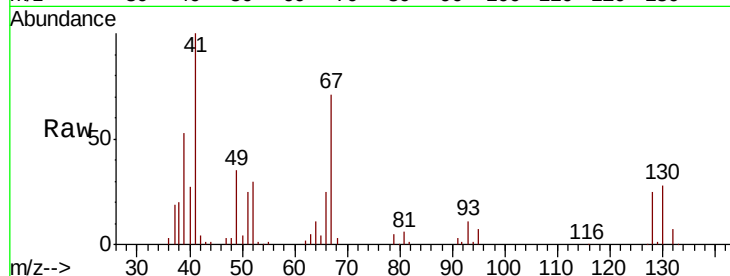
Ion Ratio Lower Upper

41 100

39 52.2 44.0 66.0

67 69.3 58.5 87.7

52 28.1 23.8 35.8



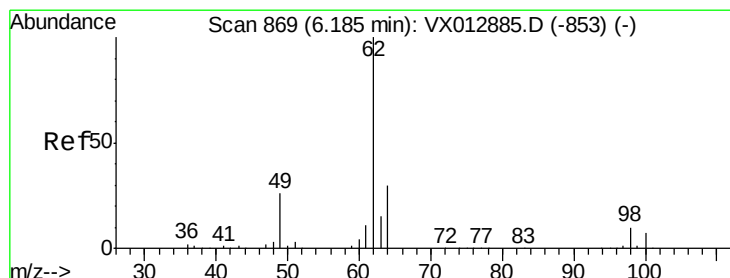
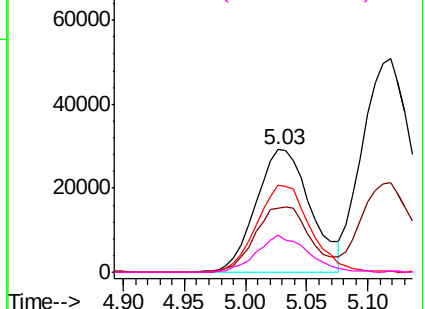
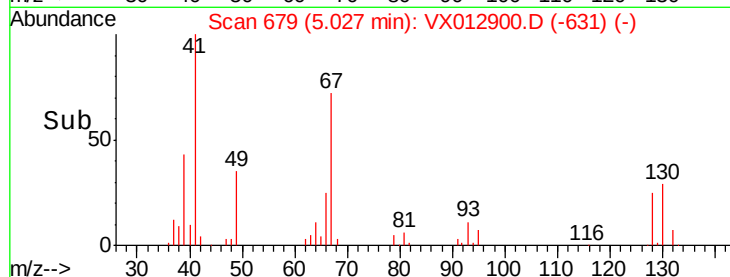
Abundance

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: 51.599 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX012900.D

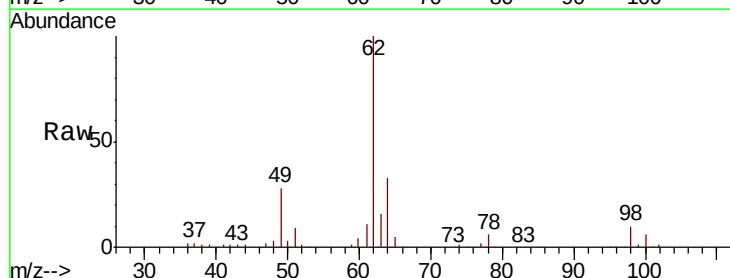
Acq: 08 Oct 2019 19:23

Tgt Ion: 62 Resp: 149423

Ion Ratio Lower Upper

62 100

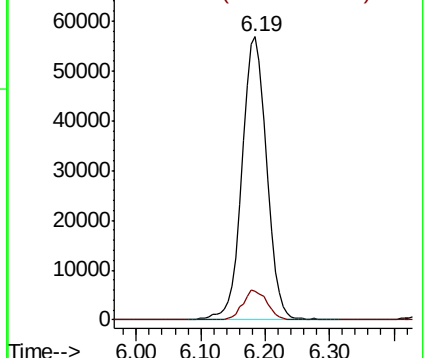
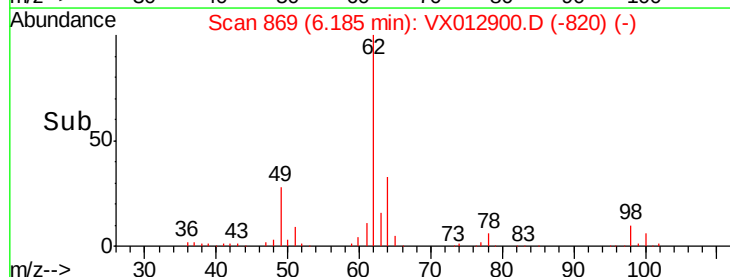
98 10.2 0.0 20.4

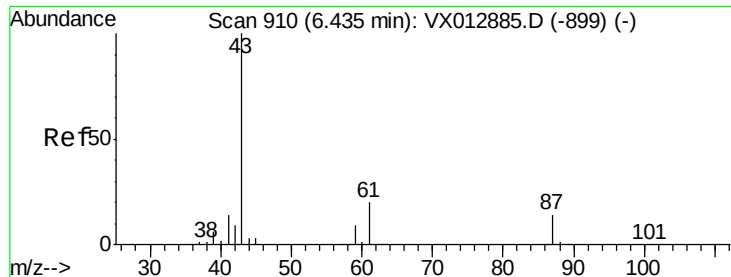


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.304 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

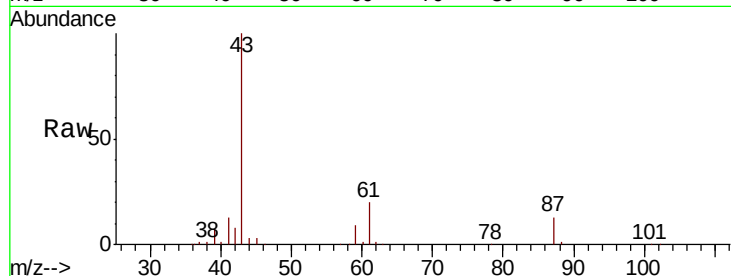
Tot Ion: 43 Resp: 251597

Ion Ratio Lower Upper

43 100

61 20.9 16.6 24.8

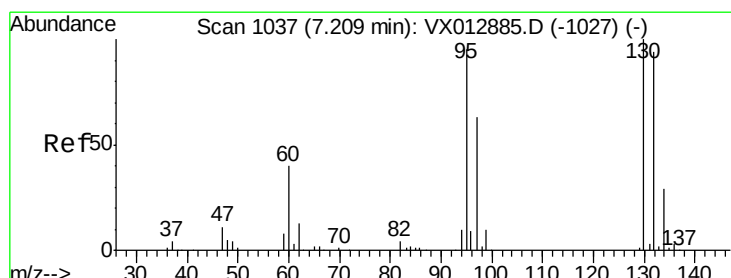
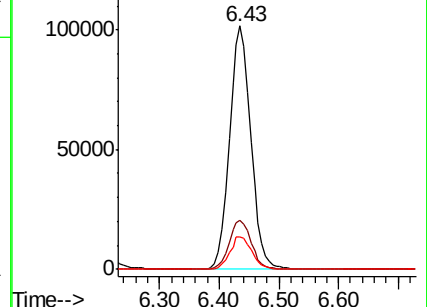
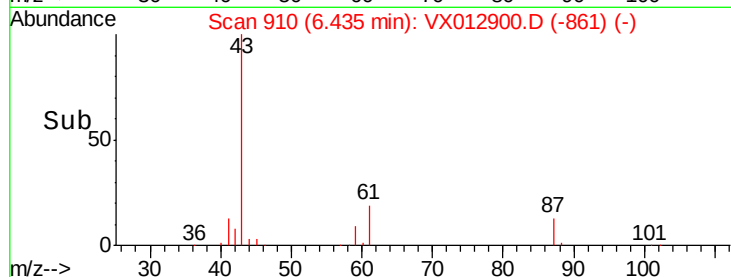
87 13.7 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX012885.D (-899) (-)

Ion 61.00 (60.70 to 61.70): VX012885.D (-899) (-)

Ion 87.00 (86.70 to 87.70): VX012885.D (-899) (-)



#44

Trichloroethene

Concen: 47.995 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012900.D

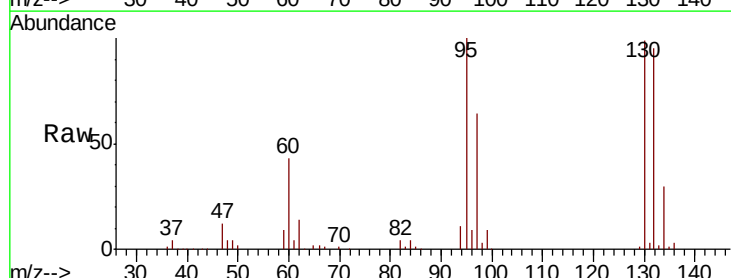
Acq: 08 Oct 2019 19:23

Tgt Ion:130 Resp: 107410

Ion Ratio Lower Upper

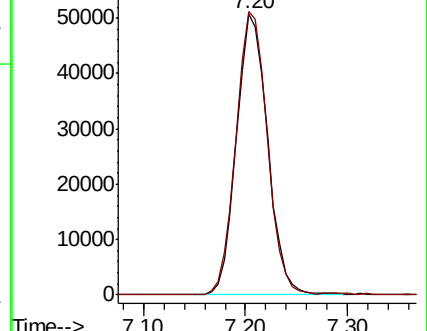
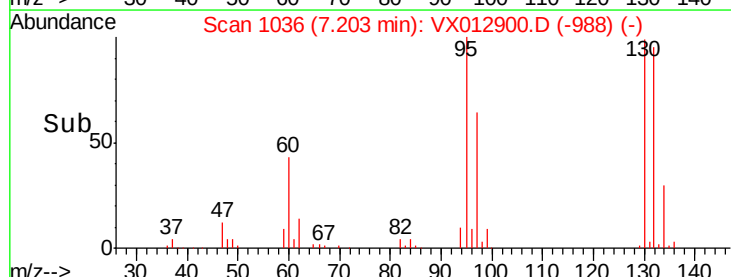
130 100

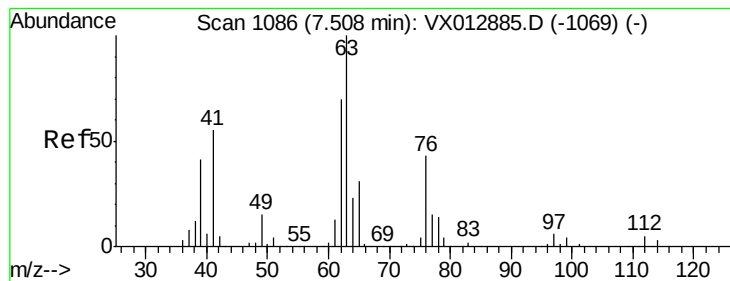
95 100.7 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VX012885.D (-1027) (-)

Ion 94.90 (94.60 to 95.60): VX012885.D (-1027) (-)





#45

1,2-Dichloropropane

Concen: 51.437 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

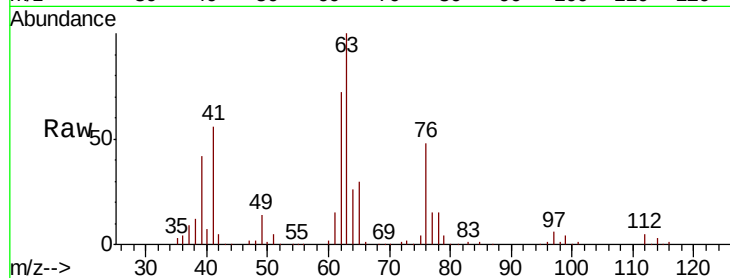
FA19-MMW3414MS

Tot Ion: 63 Resp: 105799

Ion Ratio Lower Upper

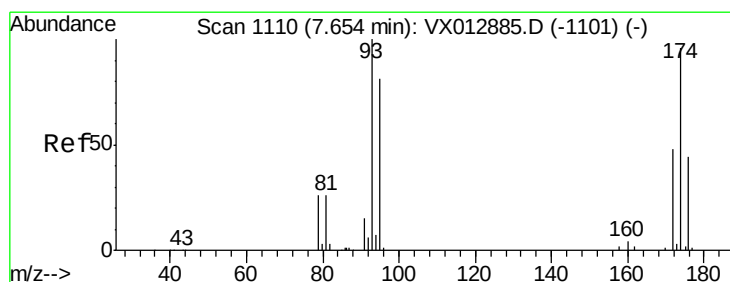
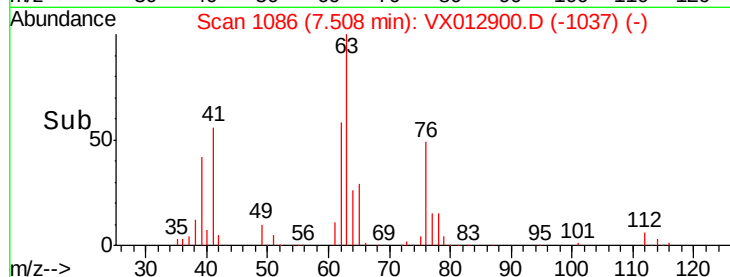
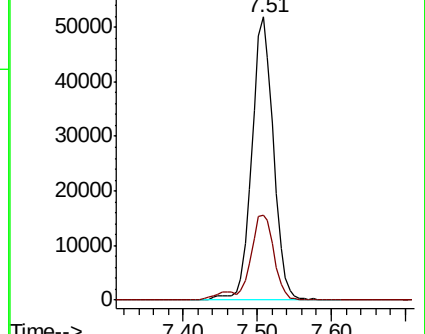
63 100

65 29.9 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.669 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

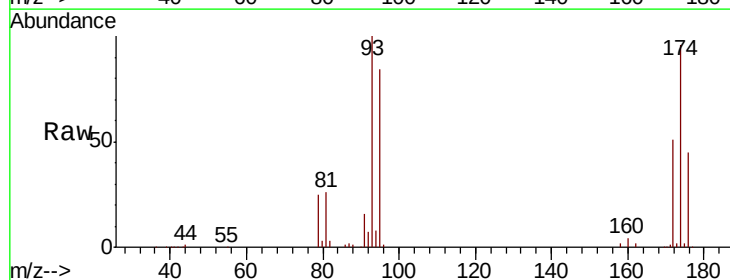
Tgt Ion: 93 Resp: 72178

Ion Ratio Lower Upper

93 100

95 83.8 66.3 99.5

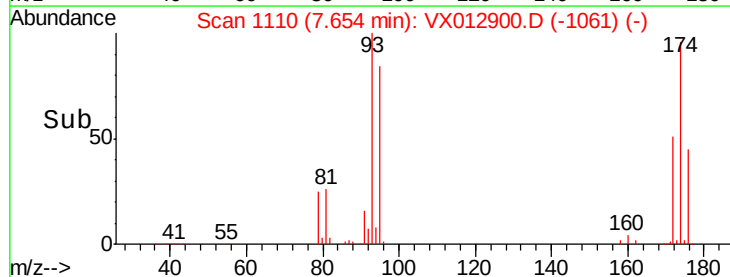
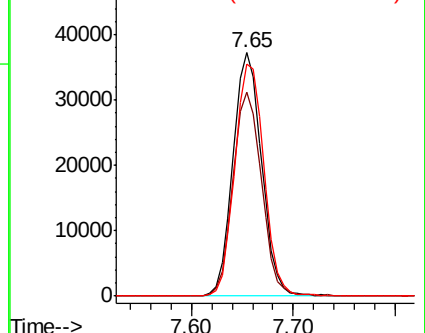
174 97.3 77.8 116.6

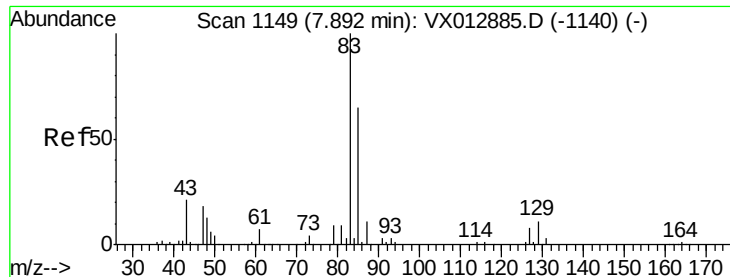


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.942 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

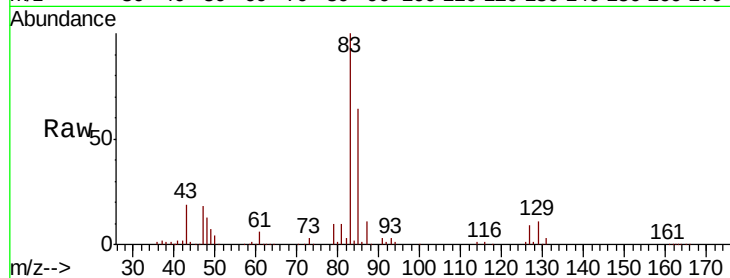
Tot Ion: 83 Resp: 141586

Ion Ratio Lower Upper

83 100

85 63.8 52.4 78.6

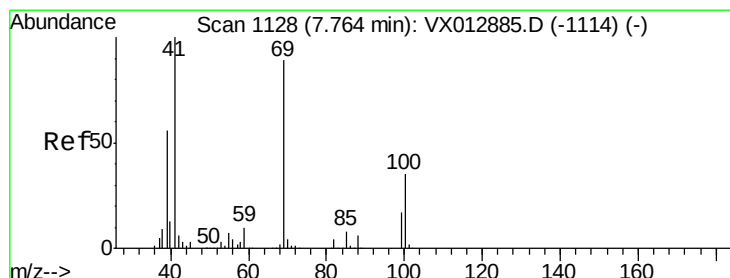
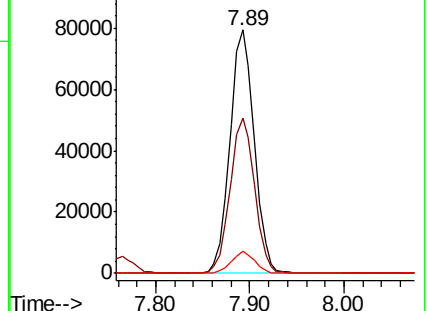
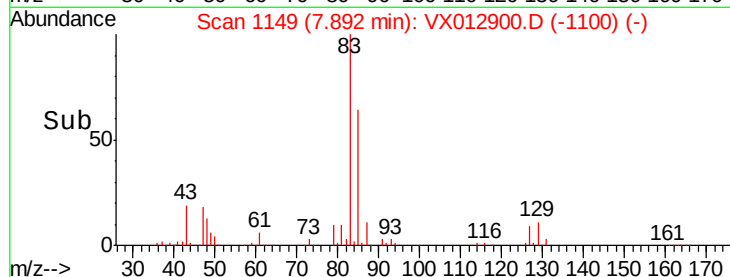
127 9.0 6.6 10.0



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: 52.302 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

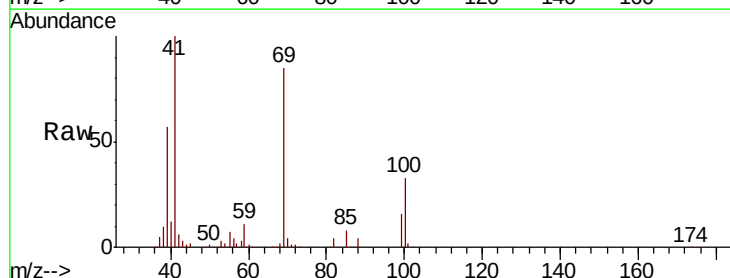
Tgt Ion: 41 Resp: 124990

Ion Ratio Lower Upper

41 100

69 84.6 68.7 103.1

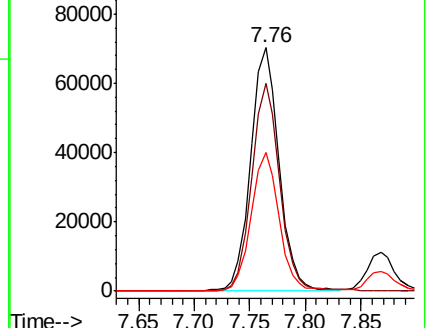
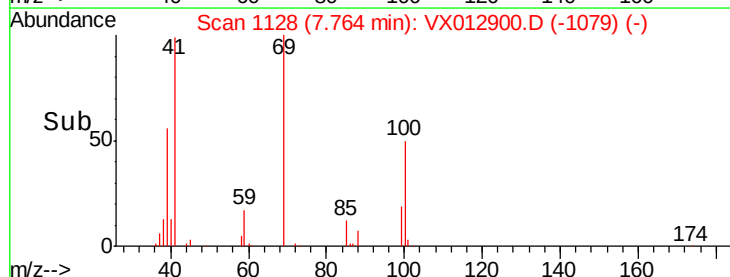
39 56.3 44.3 66.5

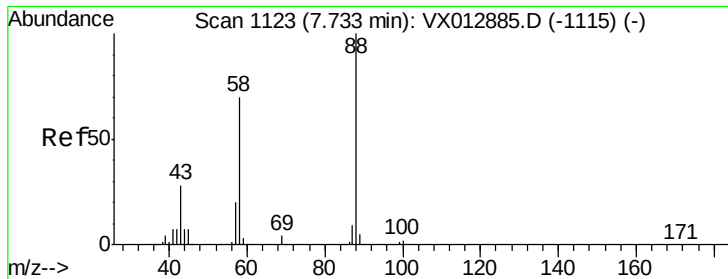


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

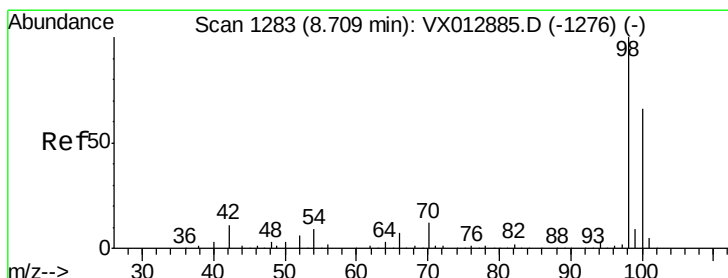
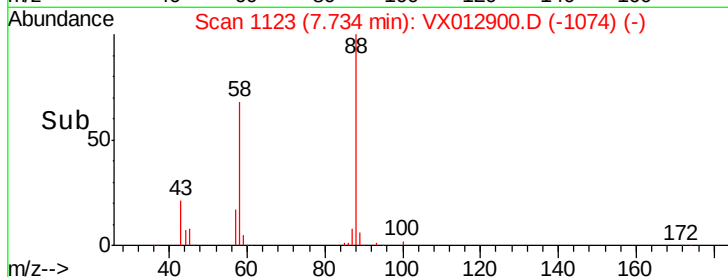
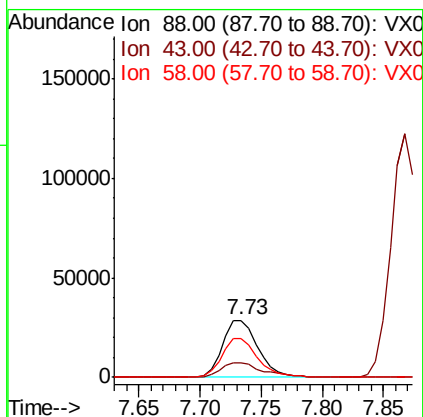
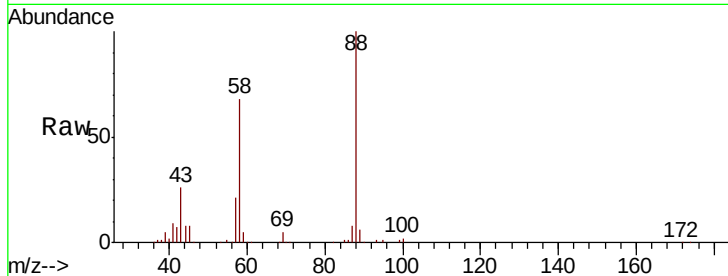




#49
1,4-Dioxane
Concen: 901.414 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

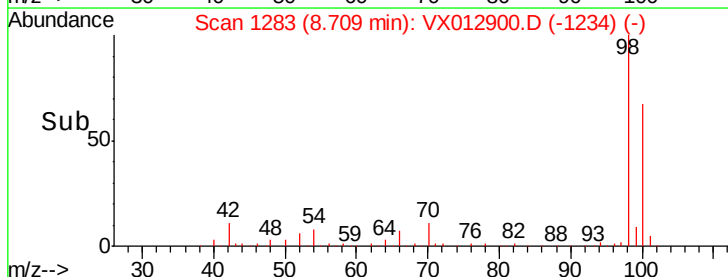
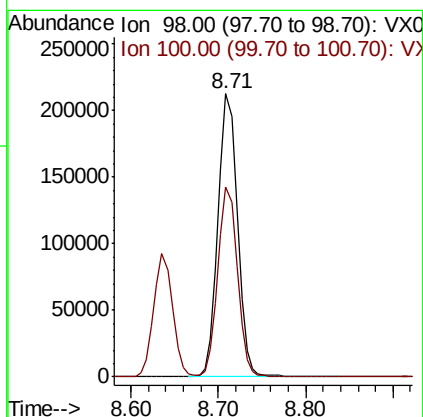
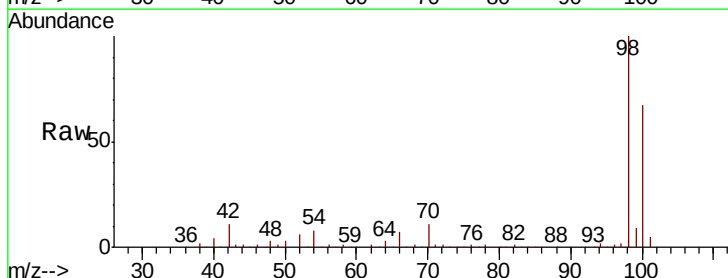
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

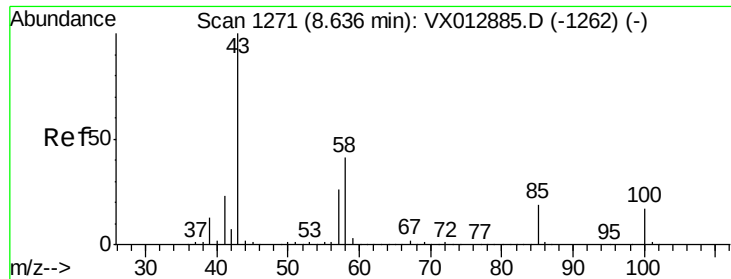
Tot Ion: 88 Resp: 57579
Ion Ratio Lower Upper
88 100
43 29.2 25.0 37.6
58 70.0 55.4 83.2



#50
Toluene-d8
Concen: 47.437 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

Tgt Ion: 98 Resp: 330023
Ion Ratio Lower Upper
98 100
100 67.2 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 263.851 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

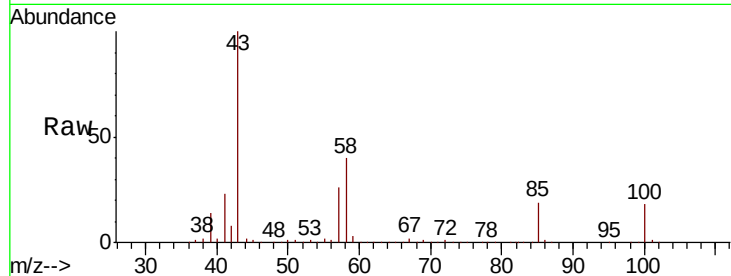
FA19-MMW3414MS

Tot Ion: 43 Resp: 806738

Ion Ratio Lower Upper

43 100

58 40.4 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

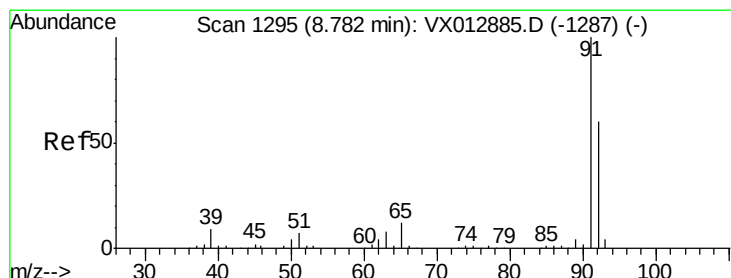
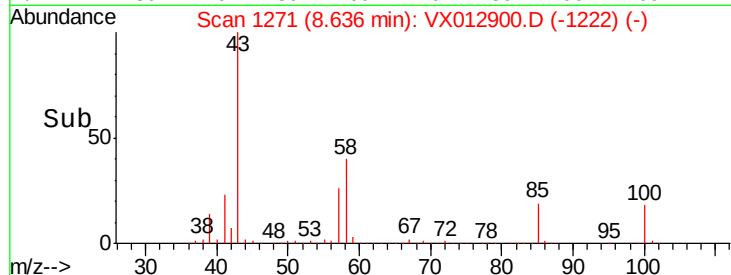
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.484 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012900.D

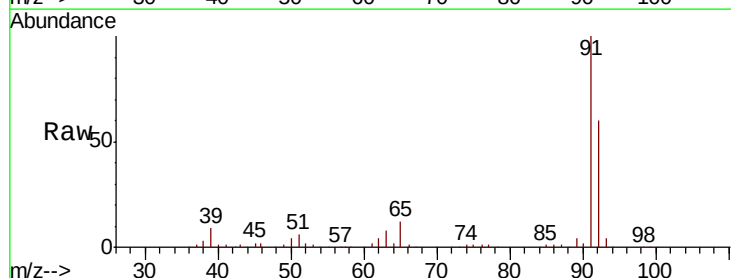
Acq: 08 Oct 2019 19:23

Tgt Ion: 92 Resp: 265815

Ion Ratio Lower Upper

92 100

91 167.3 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

300000

250000

200000

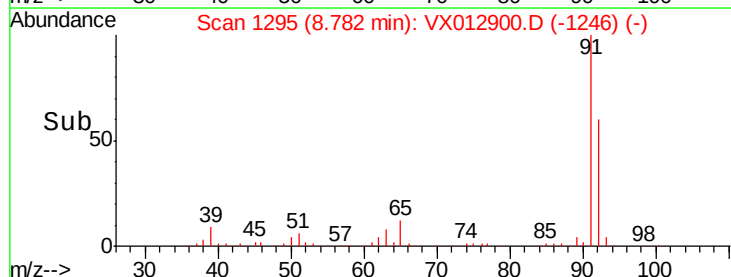
150000

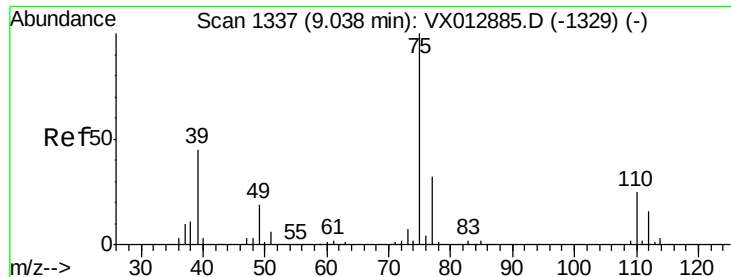
100000

50000

0

Time-->

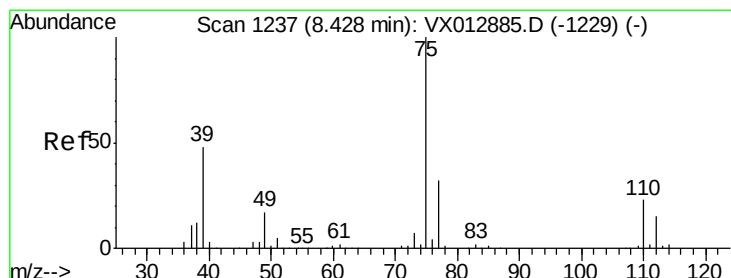
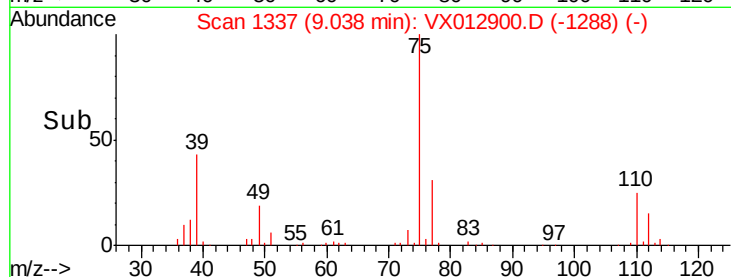
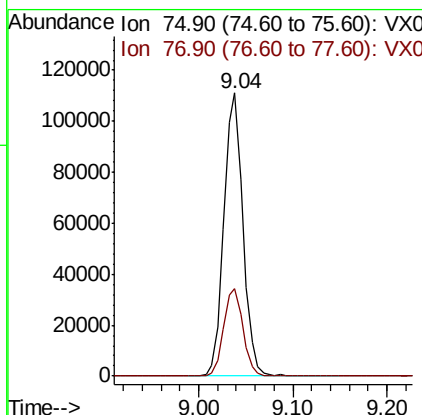
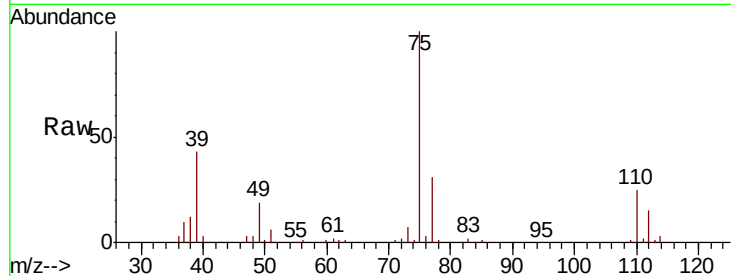




#53
t-1,3-Dichloropropene
Concen: 46.898 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

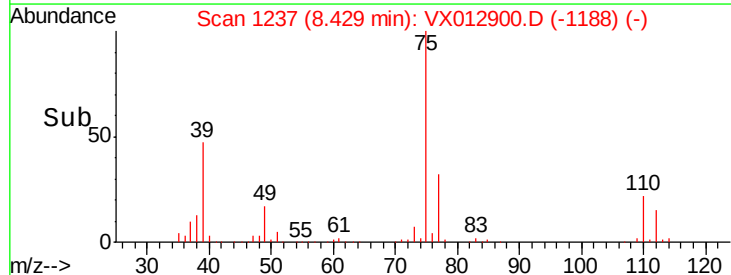
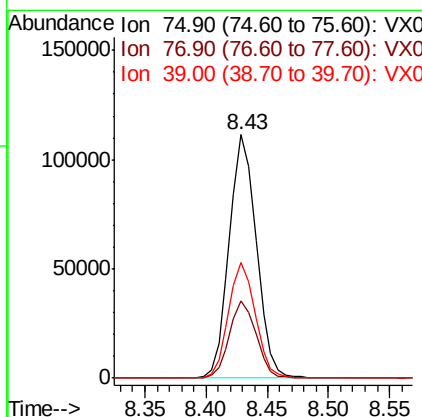
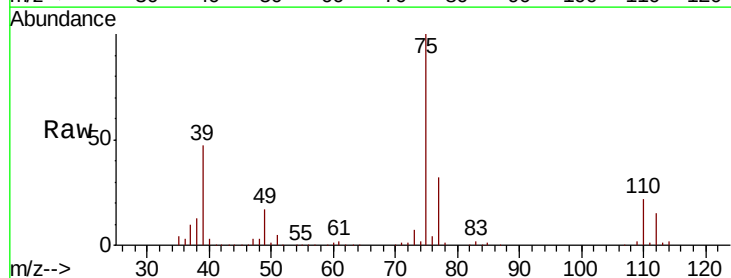
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

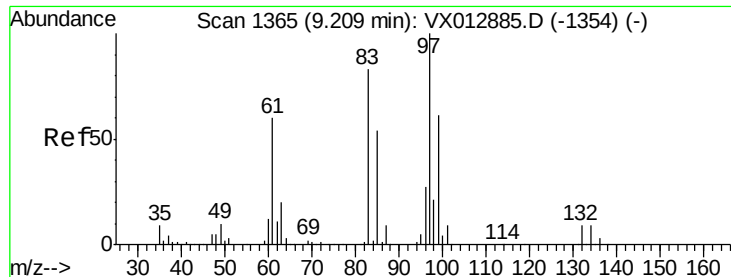
Tot Ion: 75 Resp: 156052
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 52.059 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

Tgt Ion: 75 Resp: 171233
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.8
39 47.2 38.2 57.2

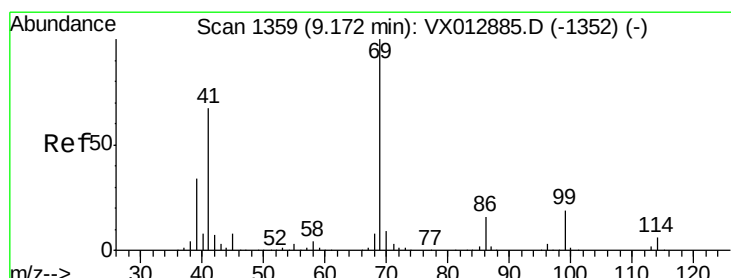
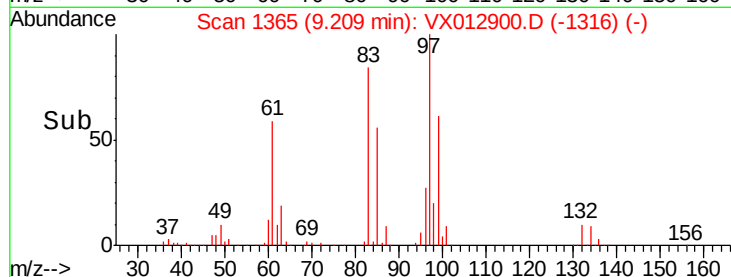
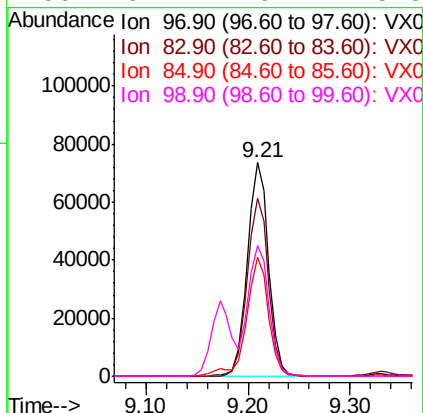
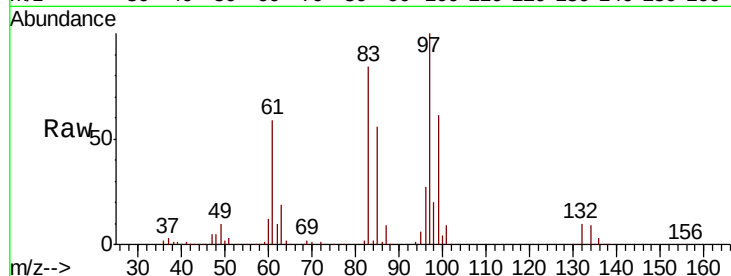




#55
 1,1,2-Trichloroethane
 Concen: 52.304 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

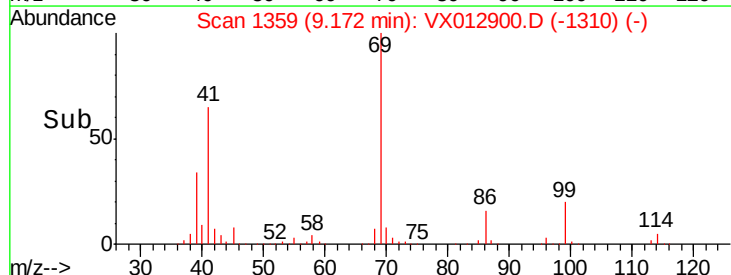
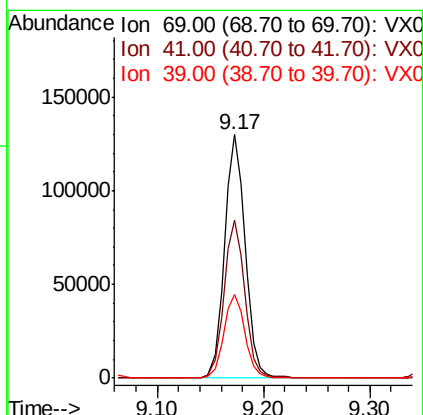
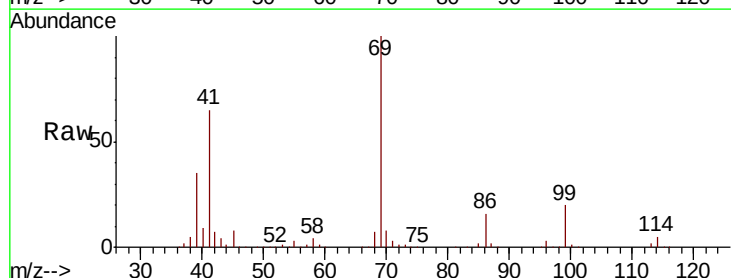
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

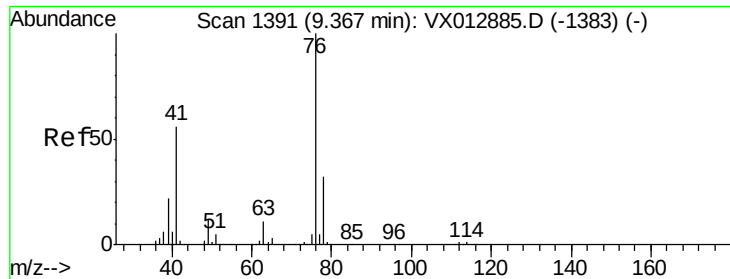
Tot Ion:	97	Resp:	106871
Ion	Ratio	Lower	Upper
97	100		
83	83.6	66.5	99.7
85	55.7	43.1	64.7
99	61.4	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 48.445 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

Tgt Ion:	69	Resp:	177035
Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.1	78.1
39	34.8	27.8	41.8

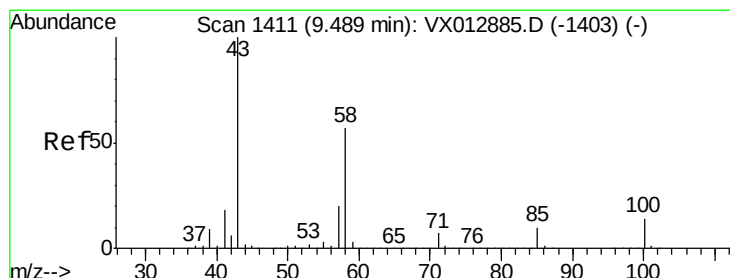
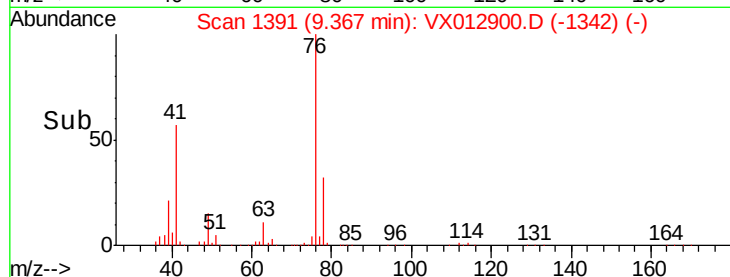
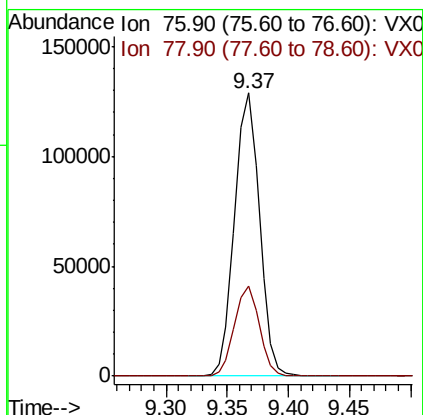
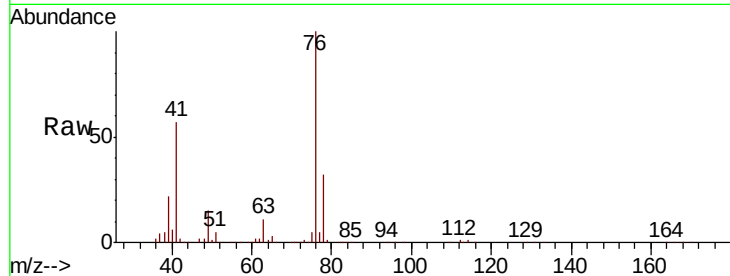




#57
 1,3-Dichloropropane
 Concen: 51.522 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

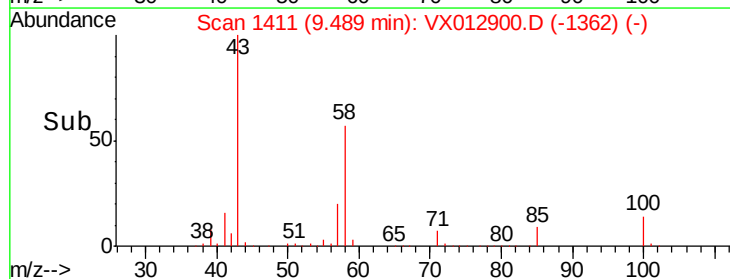
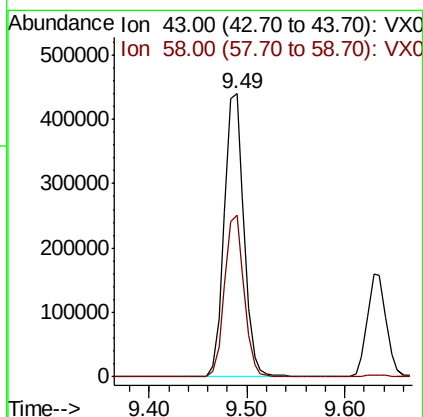
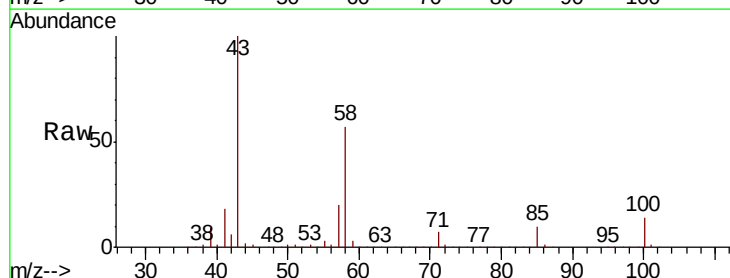
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

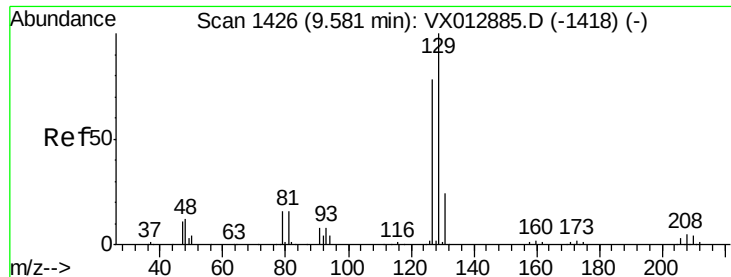
Tot Ion: 76 Resp: 182102
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.1 39.1



#59
 2-Hexanone
 Concen: 259.023 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

Tgt Ion: 43 Resp: 616502
 Ion Ratio Lower Upper
 43 100
 58 56.6 28.1 84.3

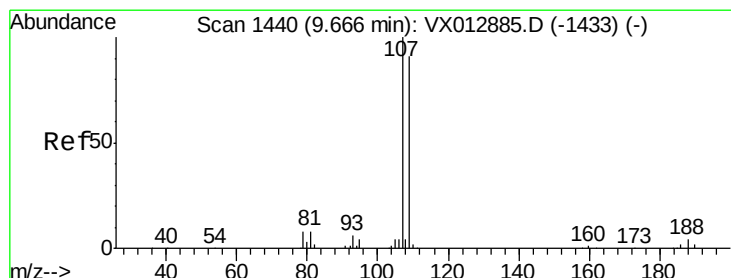
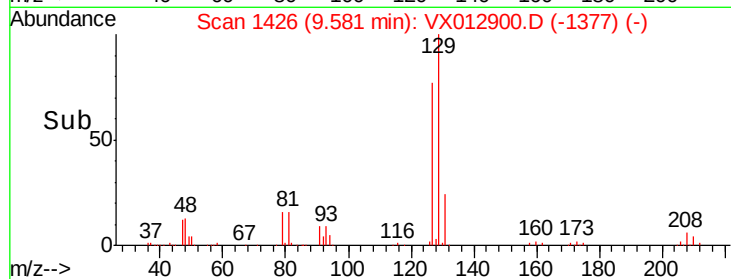
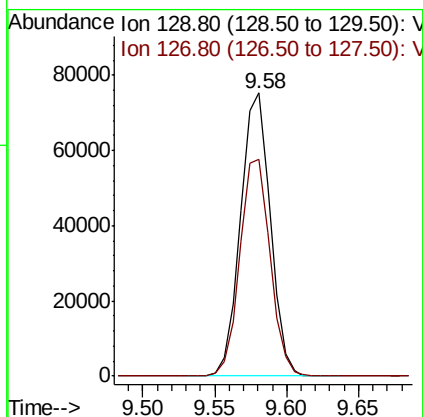
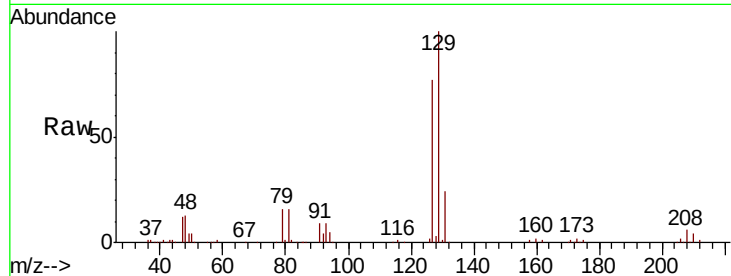




#60
Dibromochloromethane
Concen: 47.610 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

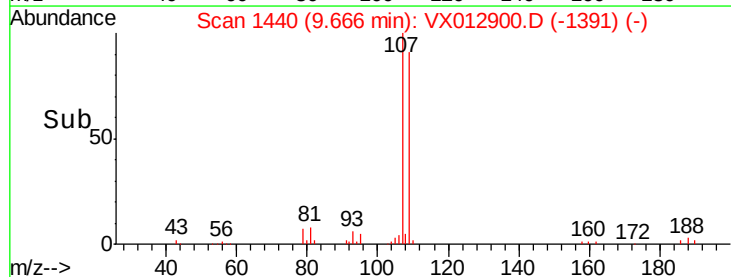
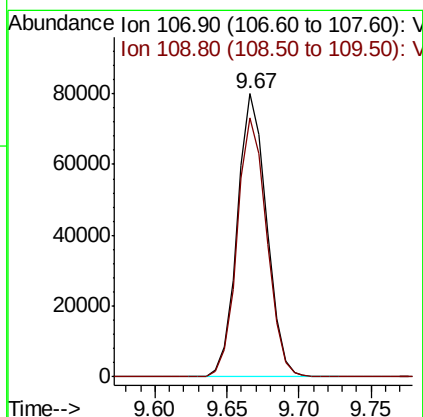
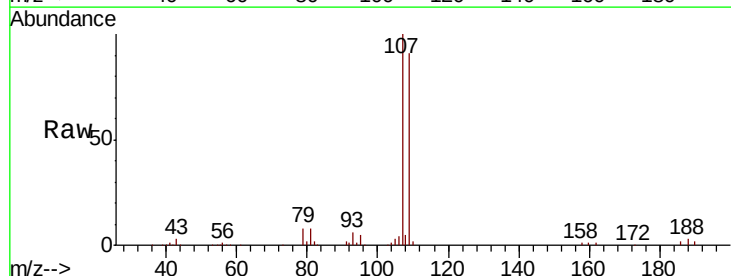
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

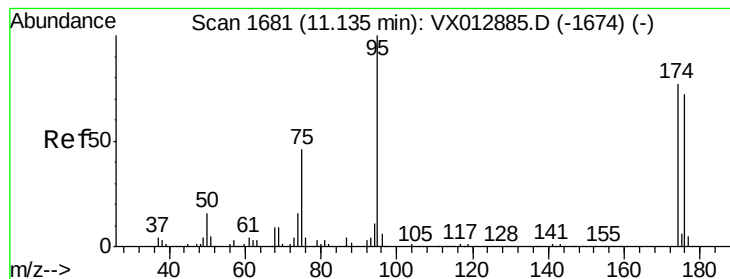
Tot Ion:129 Resp: 108045
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.7



#61
1,2-Dibromoethane
Concen: 52.652 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

Tgt Ion:107 Resp: 113169
Ion Ratio Lower Upper
107 100
109 92.6 75.8 113.6





#62

4-Bromofluorobenzene

Concen: 47.331 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

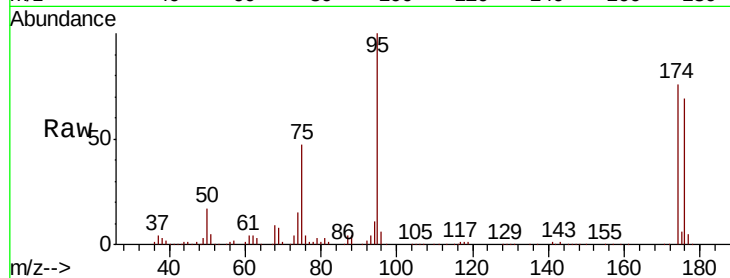
Tot Ion: 95 Resp: 127946

Ion Ratio Lower Upper

95 100

174 72.0 0.0 143.4

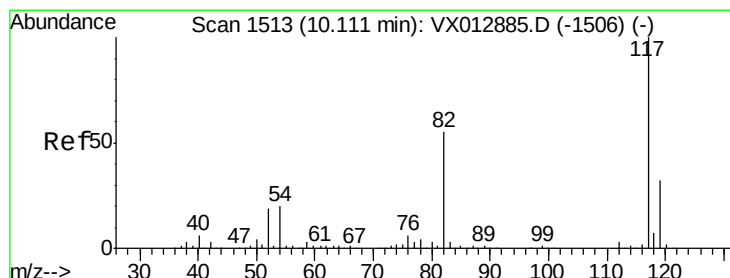
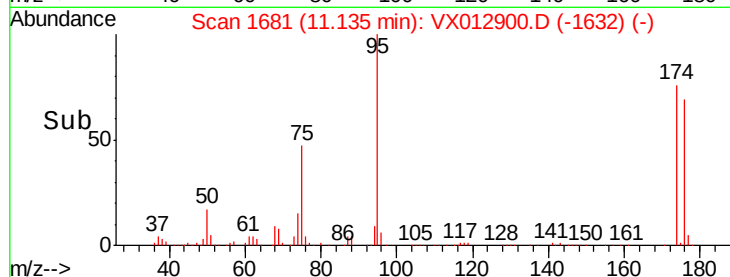
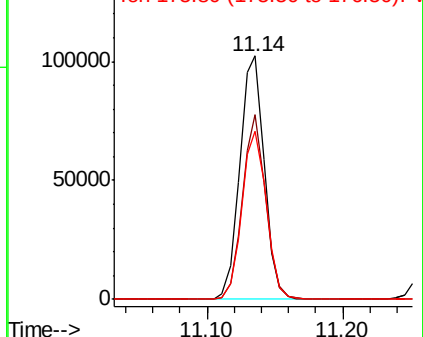
176 69.5 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX012885.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012885.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012885.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

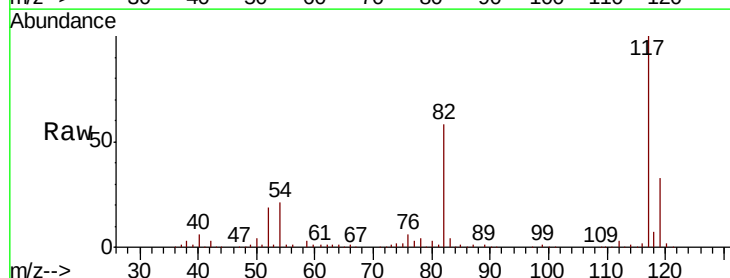
Tgt Ion: 117 Resp: 279621

Ion Ratio Lower Upper

117 100

82 58.0 44.1 66.1

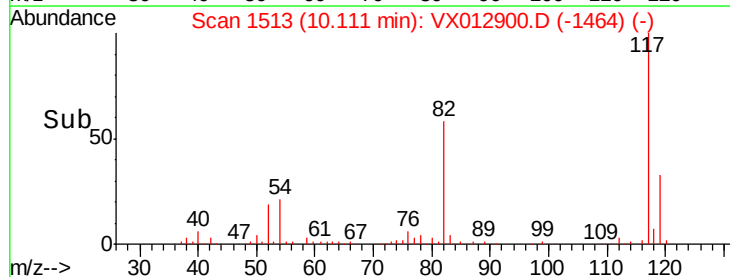
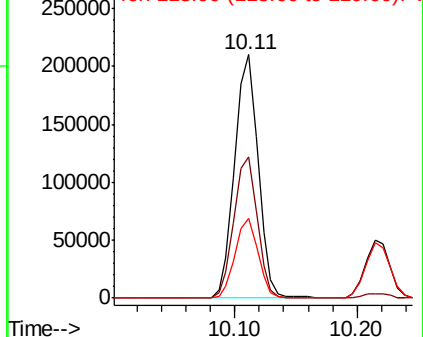
119 33.0 25.8 38.8

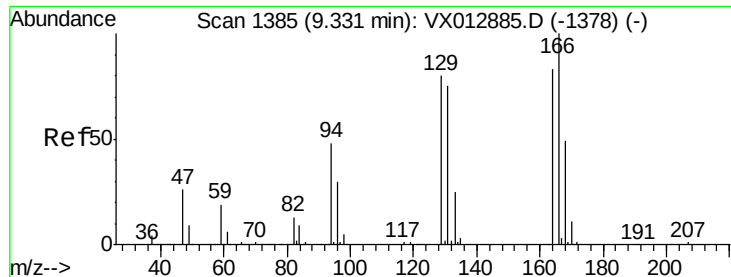


Abundance Ion 116.90 (116.60 to 117.60): VX012885.D (-1506) (-)

Ion 82.00 (81.70 to 82.70): VX012885.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX012885.D (-1506) (-)

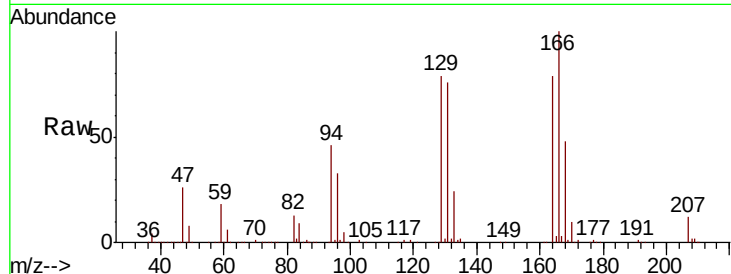




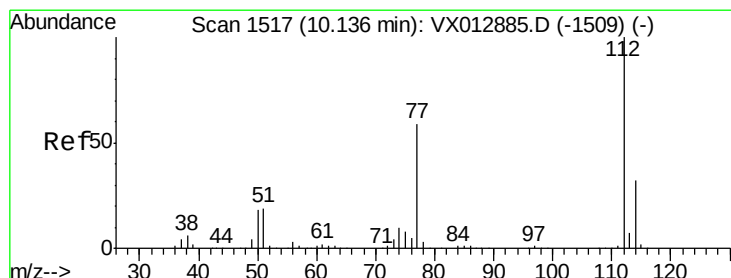
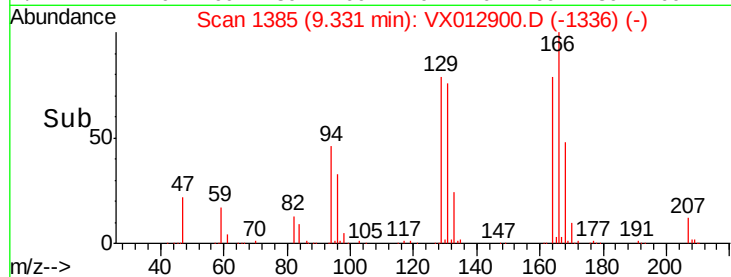
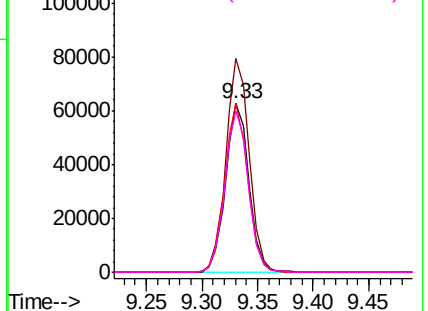
#64
Tetrachloroethene
Concen: 46.579 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

Tot Ion:	164	Resp:	90337
Ion	Ratio	Lower	Upper
164	100		
166	126.6	96.9	145.3
129	100.4	77.9	116.9
131	95.6	72.7	109.1

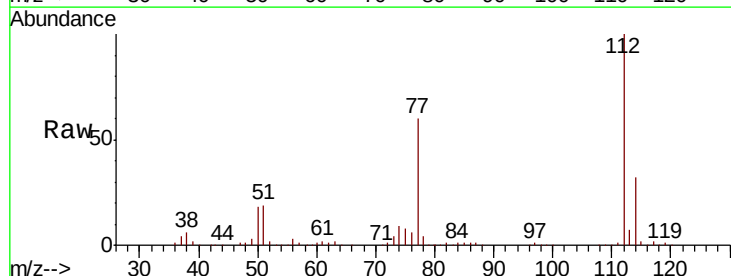


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

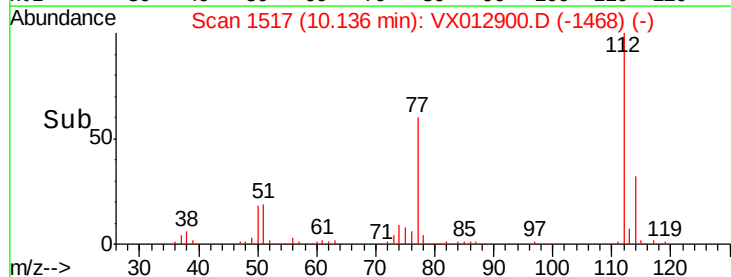
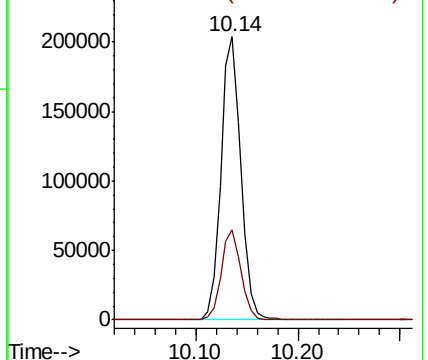


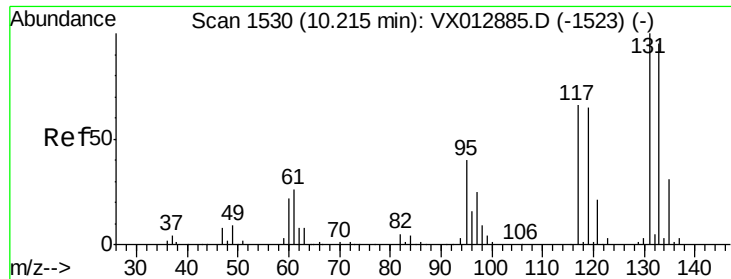
#65
Chlorobenzene
Concen: 49.778 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

Tgt Ion:	112	Resp:	276411
Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.7	38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 51.706 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

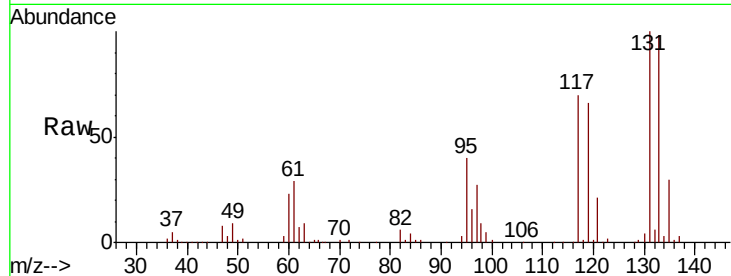
Tot Ion:131 Resp: 99549

Ion Ratio Lower Upper

131 100

133 97.4 47.2 141.6

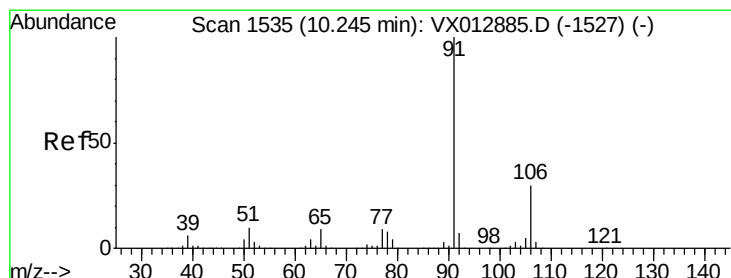
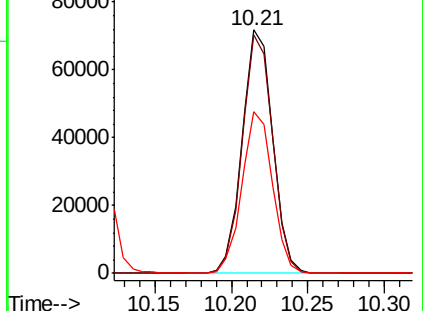
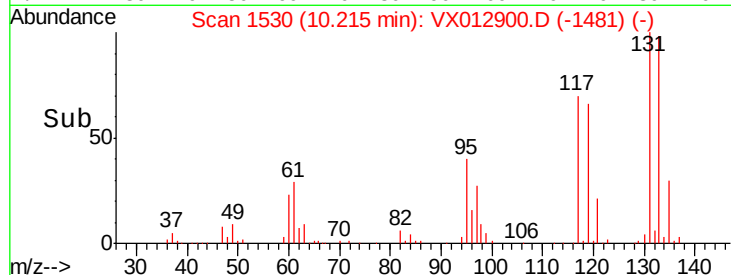
119 66.5 32.6 98.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 50.842 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012900.D

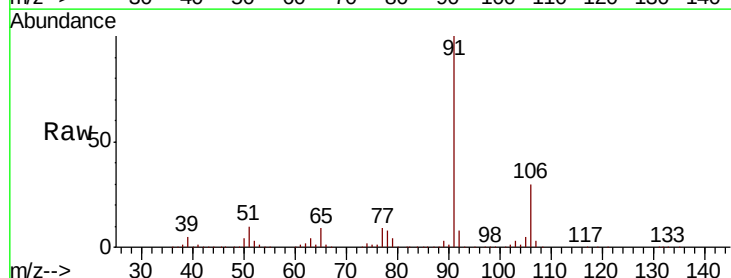
Acq: 08 Oct 2019 19:23

Tgt Ion: 91 Resp: 501476

Ion Ratio Lower Upper

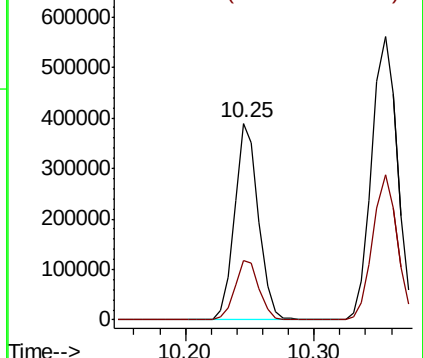
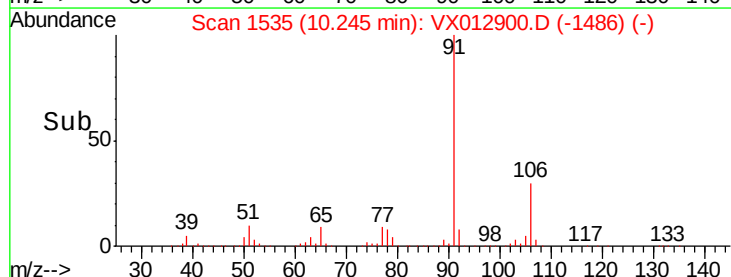
91 100

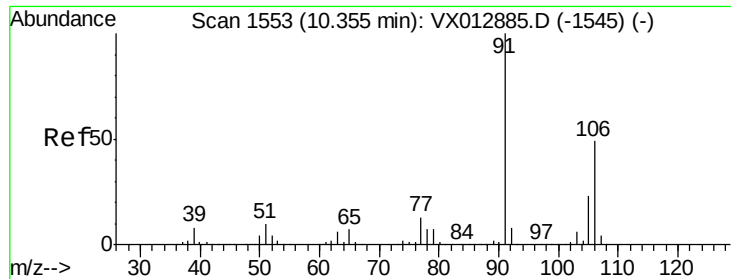
106 30.0 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 102.486 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

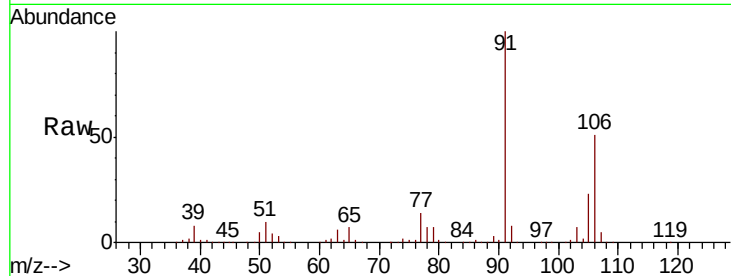
FA19-MMW3414MS

Tot Ion:106 Resp: 377641

Ion Ratio Lower Upper

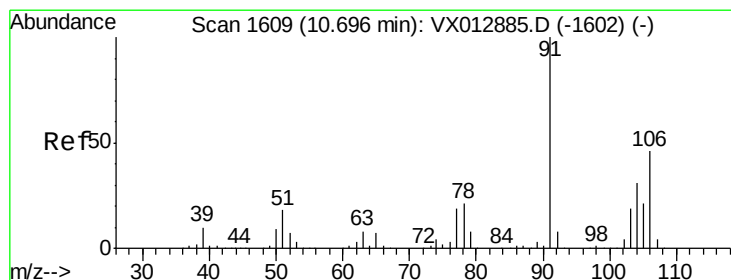
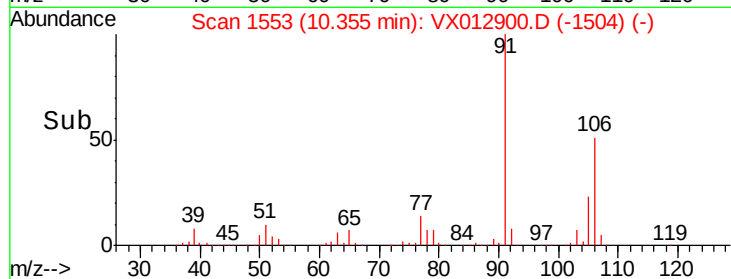
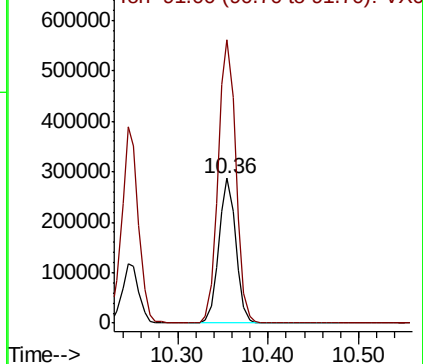
106 100

91 203.2 165.3 247.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 51.248 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX012900.D

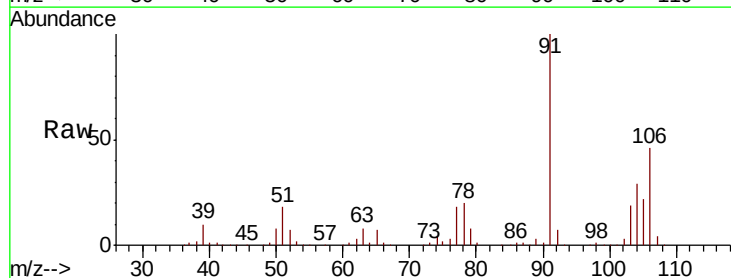
Acq: 08 Oct 2019 19:23

Tgt Ion:106 Resp: 184151

Ion Ratio Lower Upper

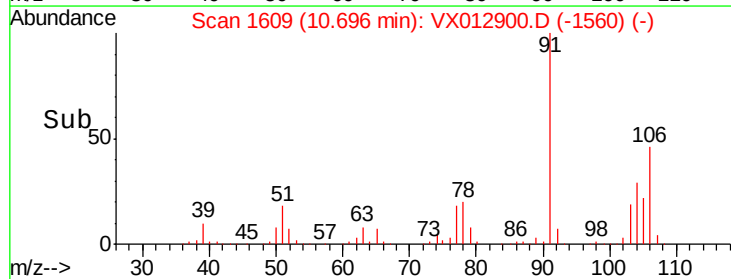
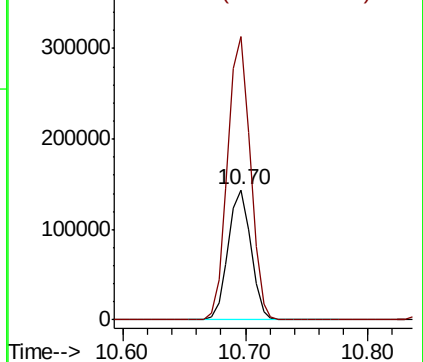
106 100

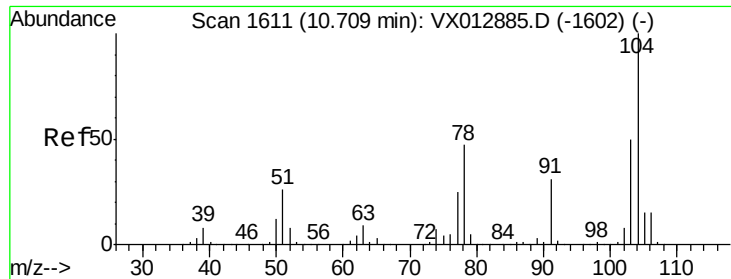
91 218.7 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

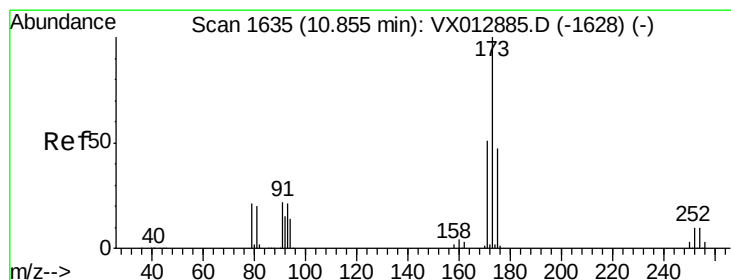
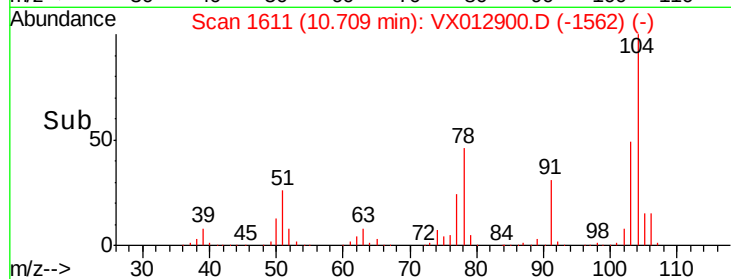
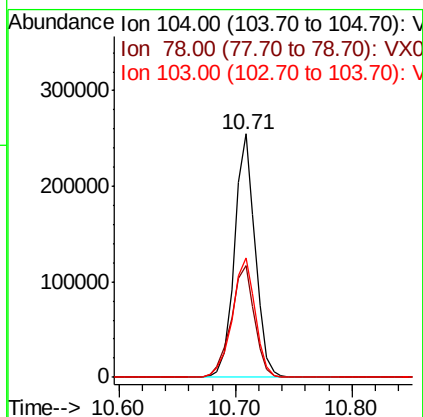
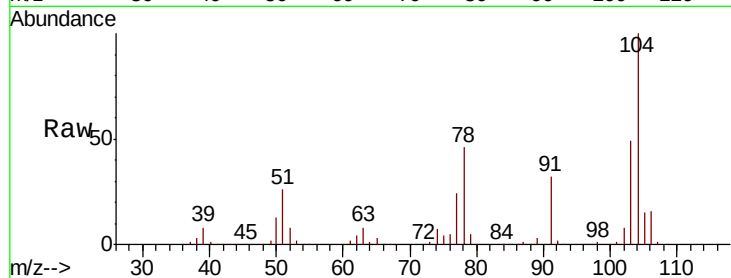




#70
Stvrene
Concen: 51.578 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

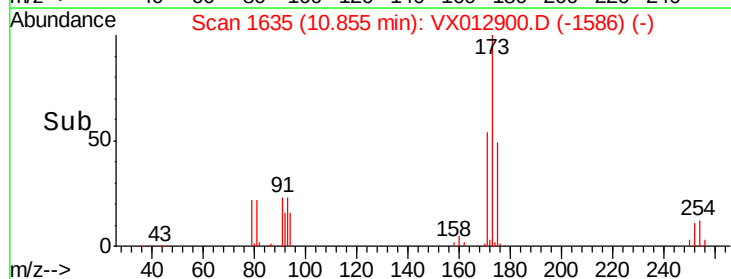
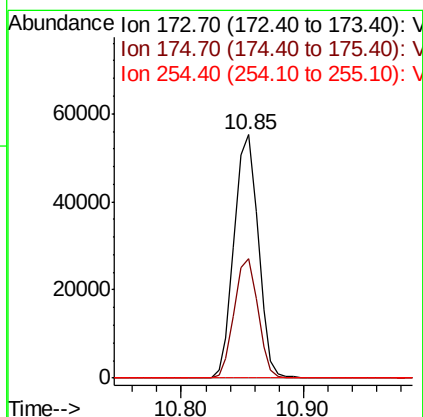
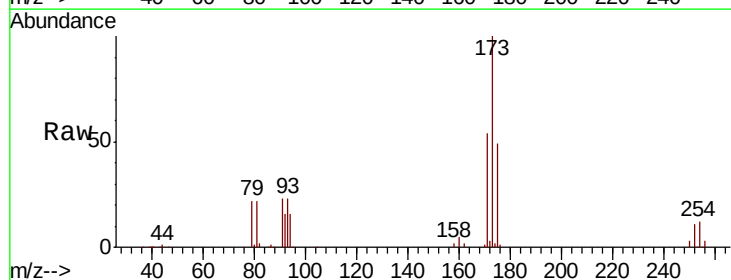
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

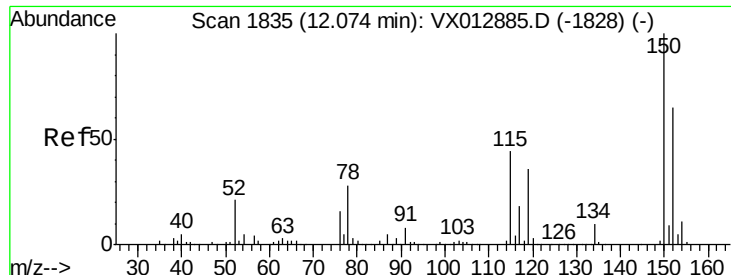
Tot Ion:104 Resp: 315077
Ion Ratio Lower Upper
104 100
78 51.9 41.2 61.8
103 54.3 43.0 64.4



#71
Bromoform
Concen: 46.201 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

Tgt Ion:173 Resp: 75361
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.3
254 0.1 0.1 0.1

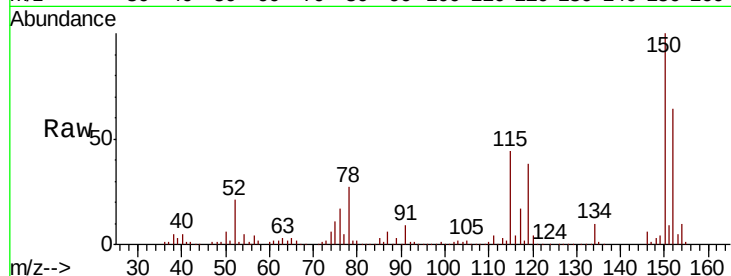




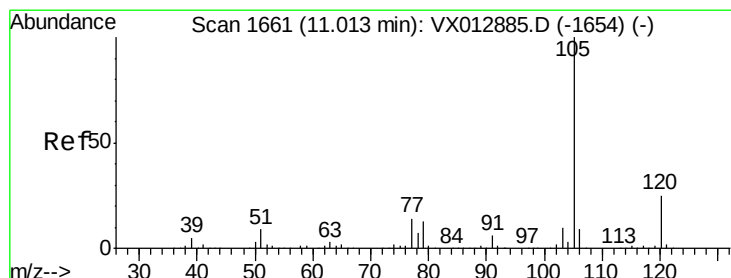
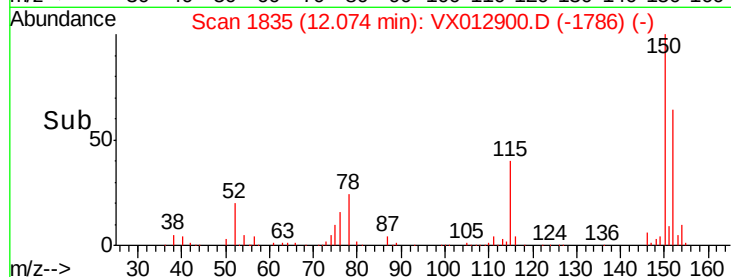
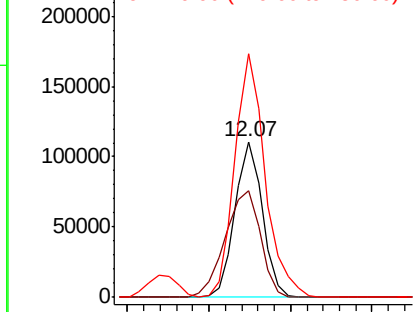
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

Tot Ion:152 Resp: 129340
 Ion Ratio Lower Upper
 152 100
 115 88.5 44.5 133.5
 150 173.4 0.0 353.4

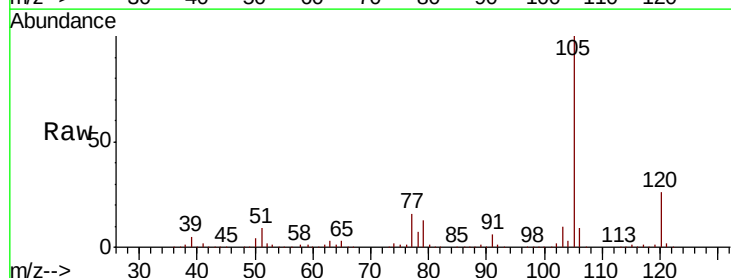


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

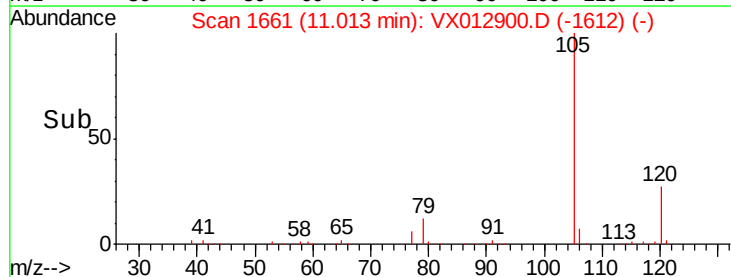
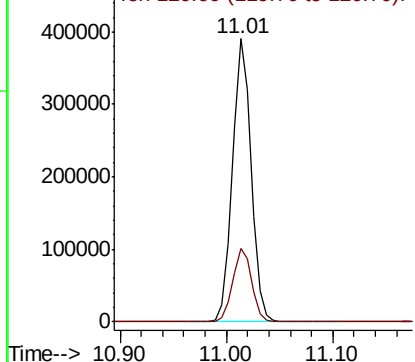


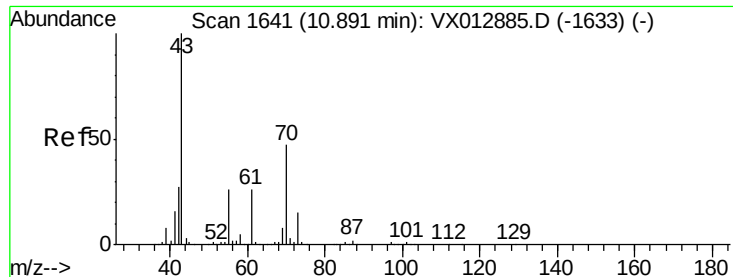
#73
 Isopropylbenzene
 Concen: 50.664 ug/l
 RT: 11.01 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

Tgt Ion:105 Resp: 481780
 Ion Ratio Lower Upper
 105 100
 120 26.3 13.0 39.0



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





#74

N-amvl acetate

Concen: 51.538 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

Tot Ion: 43 Resp: 211072

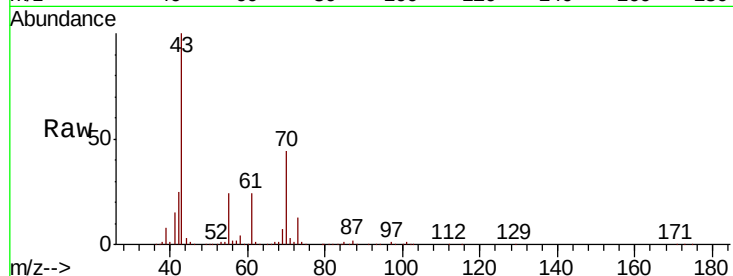
Ion Ratio Lower Upper

43 100

70 45.1 36.4 54.6

55 24.8 20.2 30.2

61 24.8 20.5 30.7

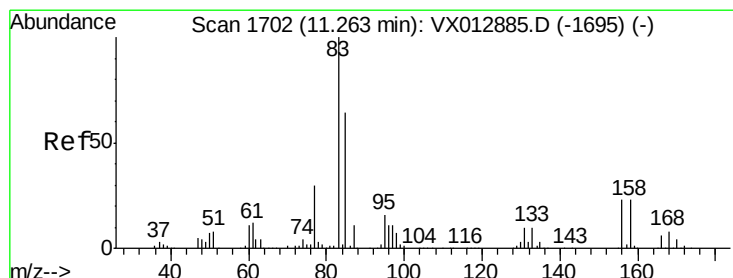
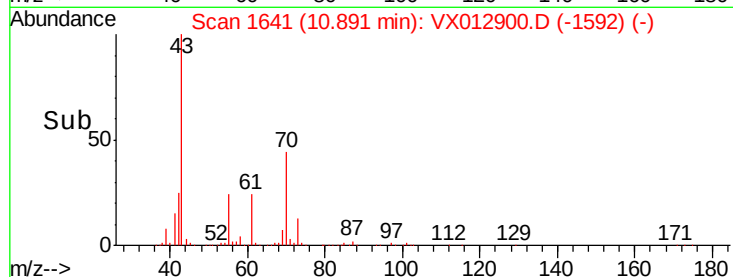
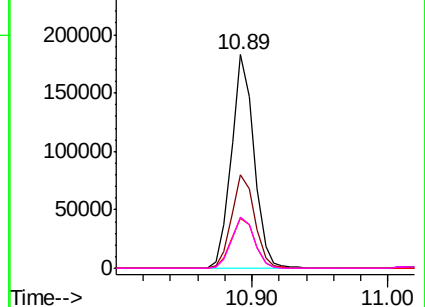


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 51.107 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

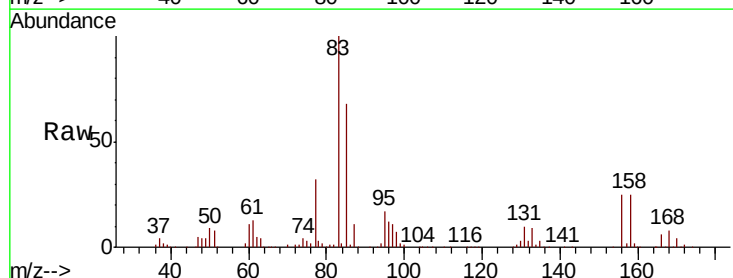
Tgt Ion: 83 Resp: 161643

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

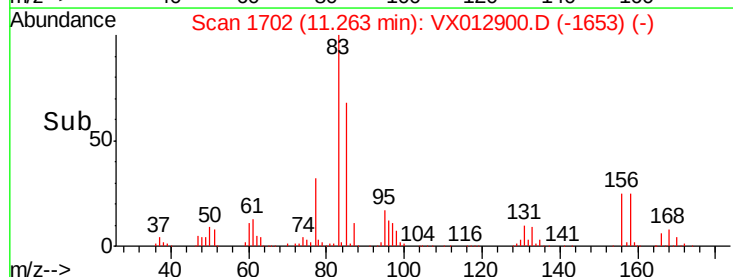
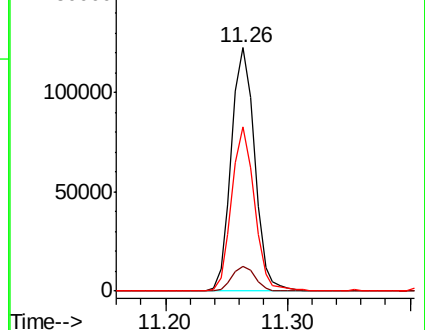
85 65.8 32.1 96.5

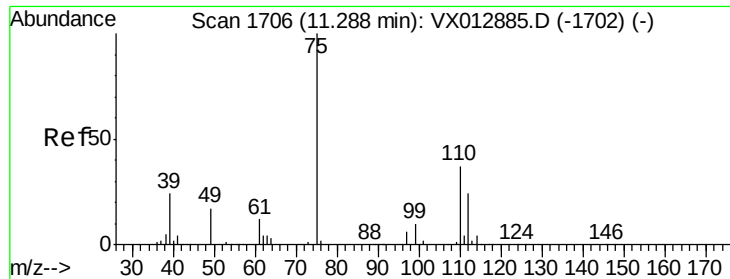


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

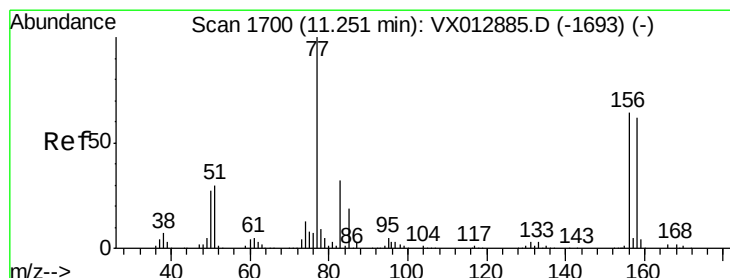
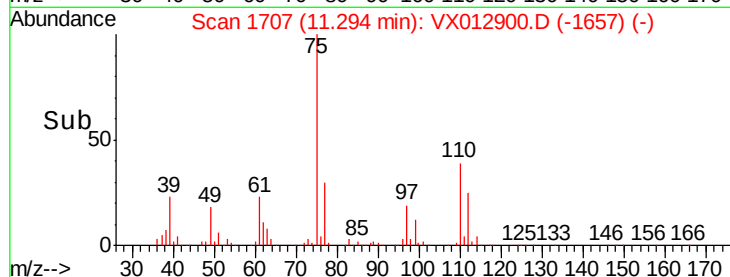
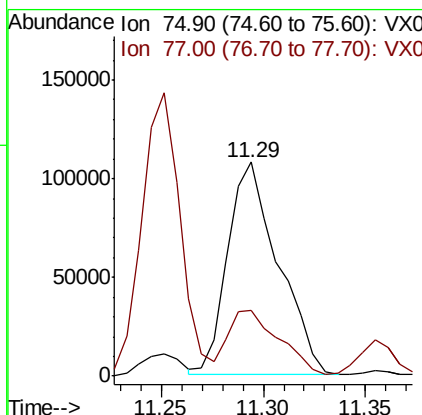
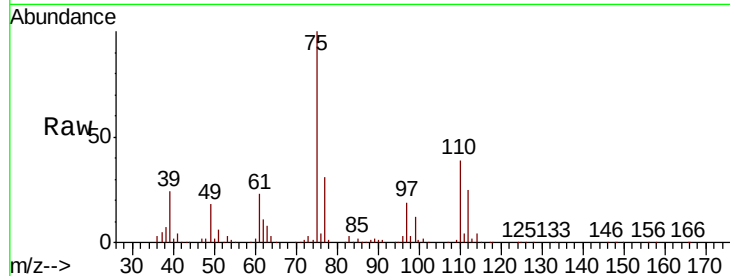




#76
 1,2,3-Trichloropropane
 Concen: 64.616 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

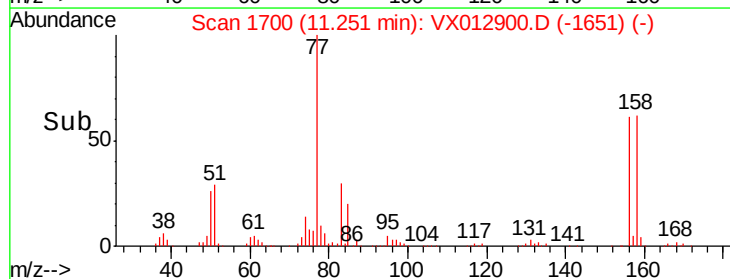
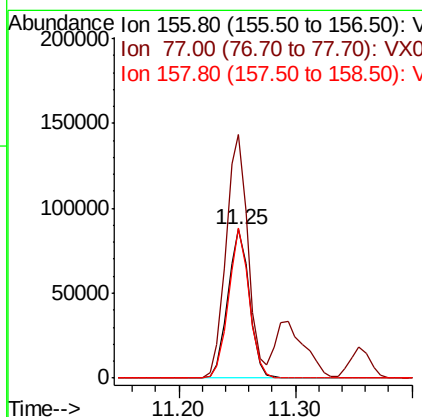
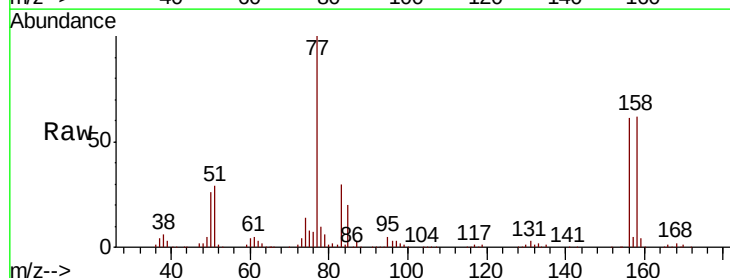
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

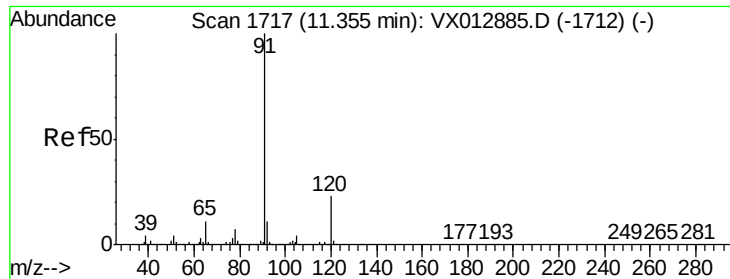
Tot Ion: 75 Resp: 185368
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.9 68.8



#77
 Bromobenzene
 Concen: 49.915 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

Tgt Ion: 156 Resp: 111852
 Ion Ratio Lower Upper
 156 100
 77 167.9 83.7 251.0
 158 97.2 48.6 145.9





#78

n-propylbenzene

Concen: 50.903 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

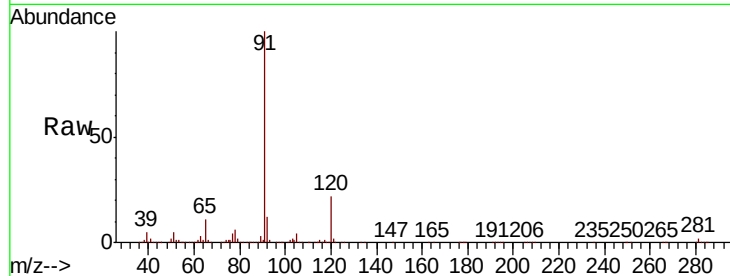
FA19-MMW3414MS

Tot Ion: 91 Resp: 532640

Ion Ratio Lower Upper

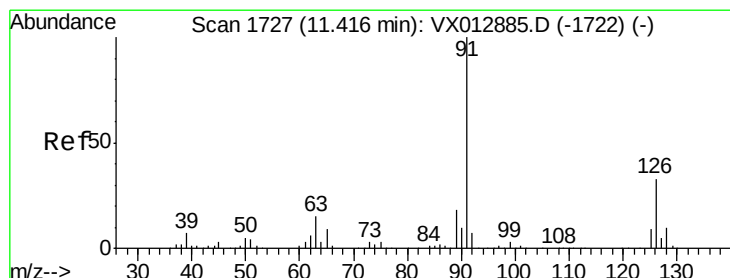
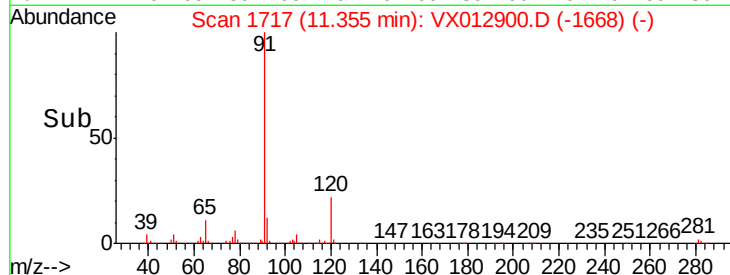
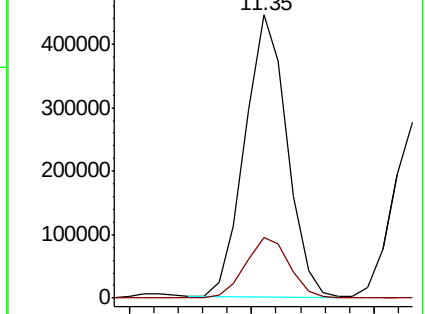
91 100

120 22.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 51.271 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012900.D

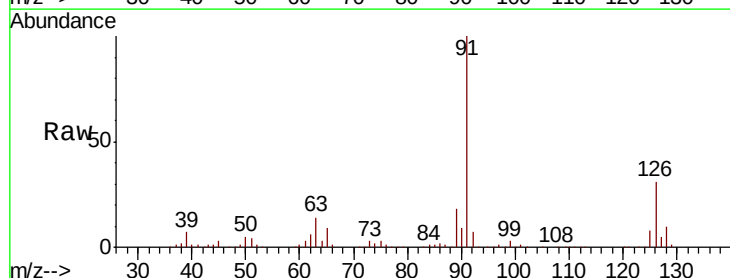
Acq: 08 Oct 2019 19:23

Tgt Ion: 91 Resp: 337165

Ion Ratio Lower Upper

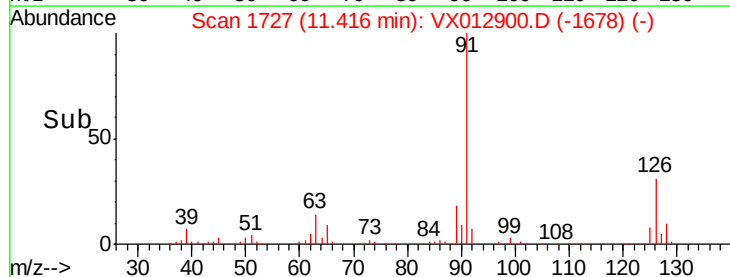
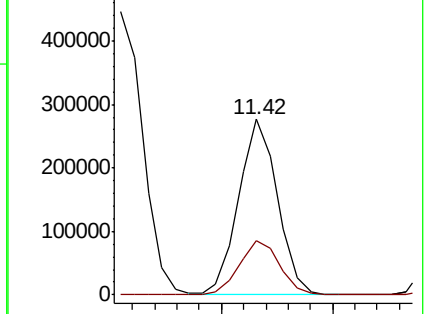
91 100

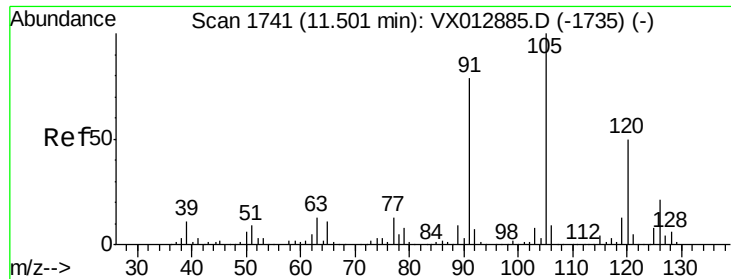
126 31.9 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

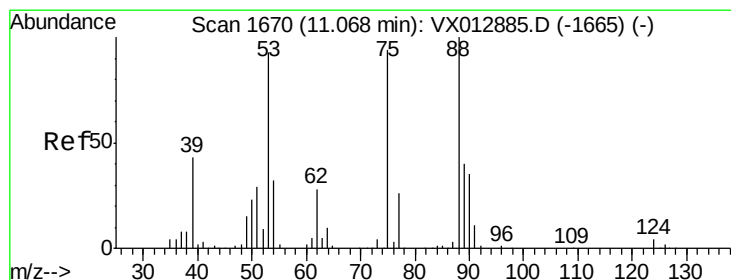
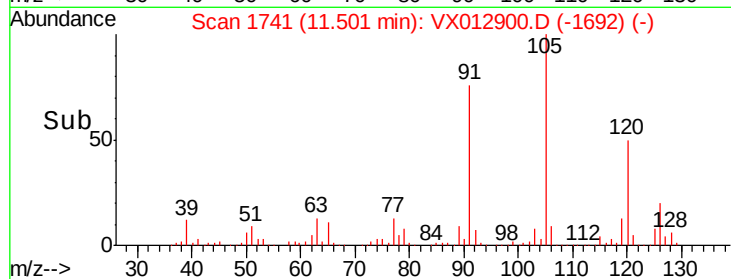
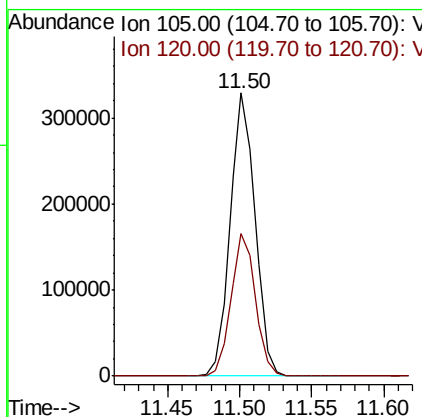
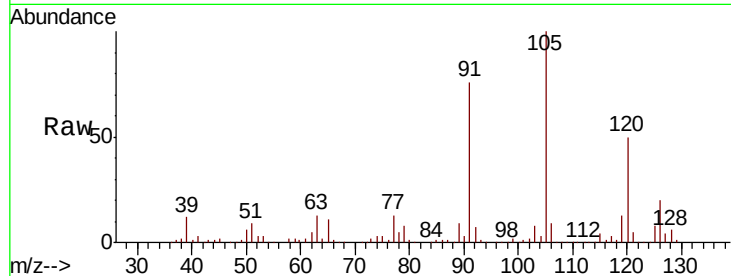




#80
 1,3,5-Trimethylbenzene
 Concen: 50.416 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

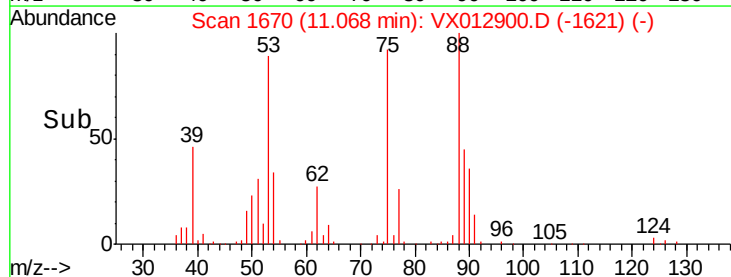
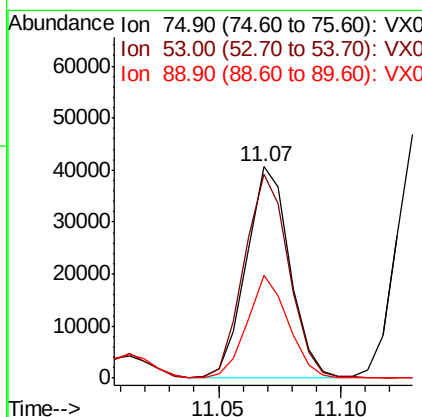
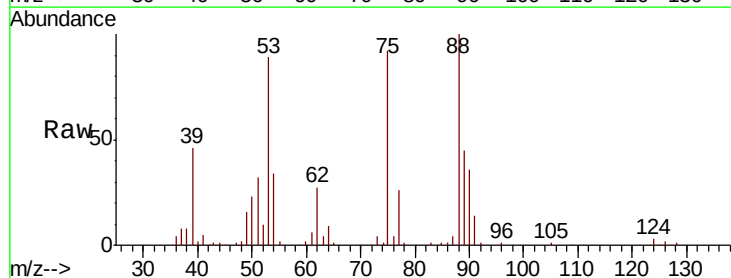
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

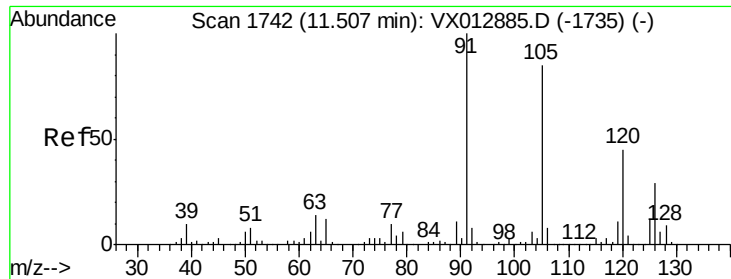
Tot Ion:105 Resp: 400317
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.232 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

Tgt Ion: 75 Resp: 49988
 Ion Ratio Lower Upper
 75 100
 53 99.7 78.5 117.7
 89 45.9 37.4 56.2

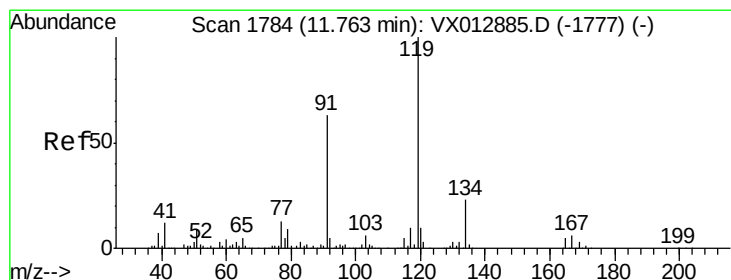
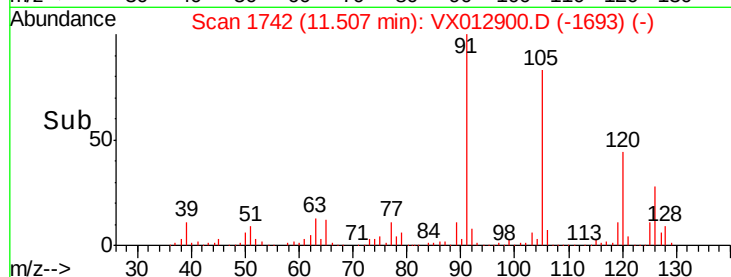
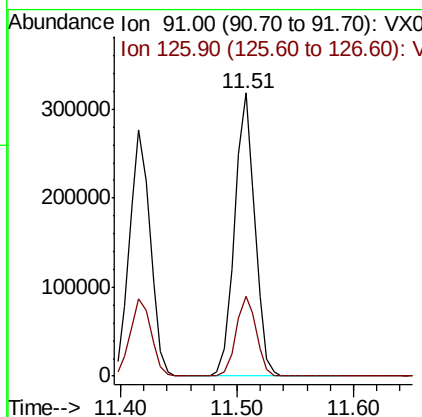
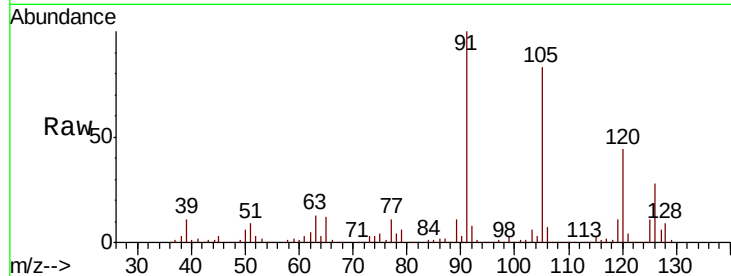




#82
4-Chlorotoluene
Concen: 51.251 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

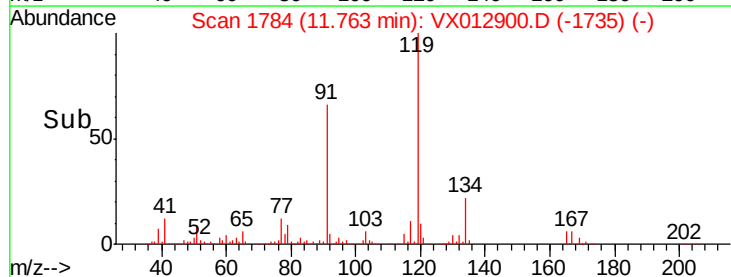
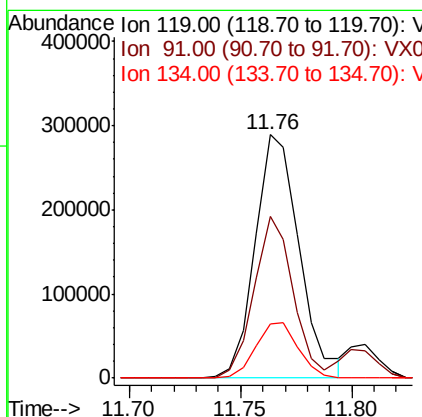
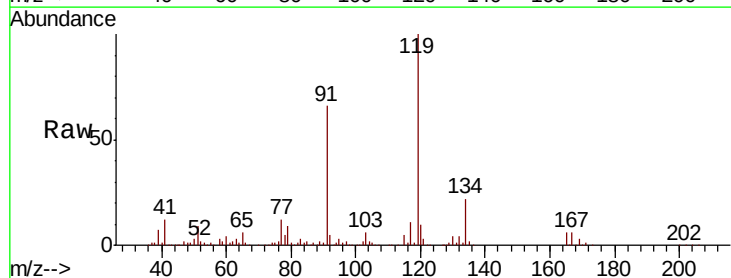
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

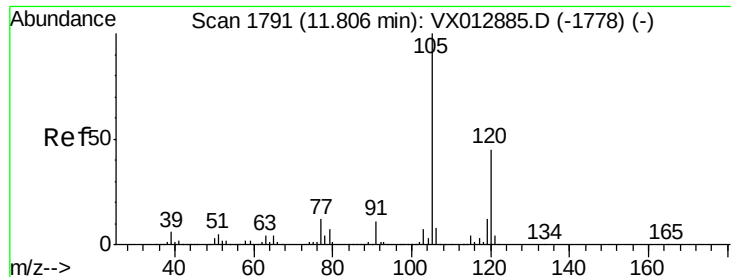
Tot Ion: 91 Resp: 386307
Ion Ratio Lower Upper
91 100
126 28.2 14.2 42.6



#83
tert-Butylbenzene
Concen: 51.371 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

Tgt Ion: 119 Resp: 397907
Ion Ratio Lower Upper
119 100
91 59.0 29.3 87.9
134 22.1 11.5 34.4

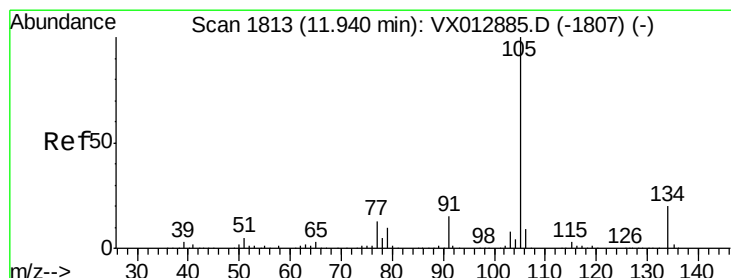
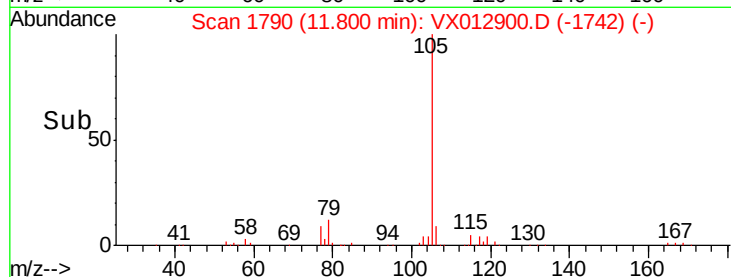
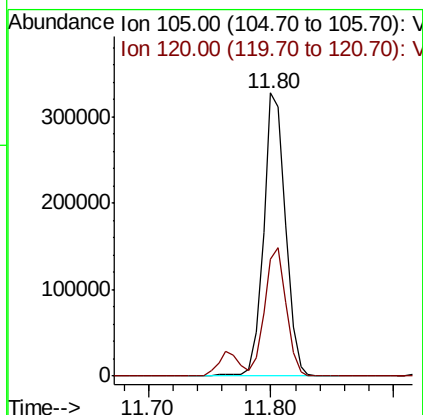
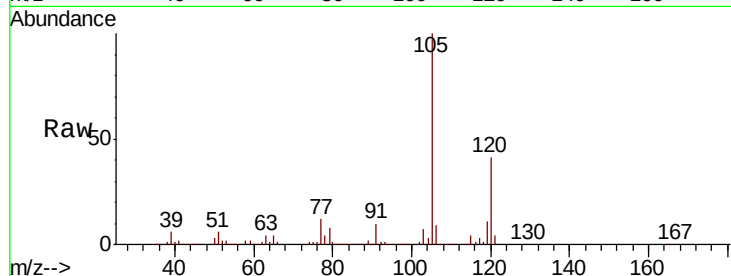




#84
1,2,4-Trimethylbenzene
Concen: 50.840 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

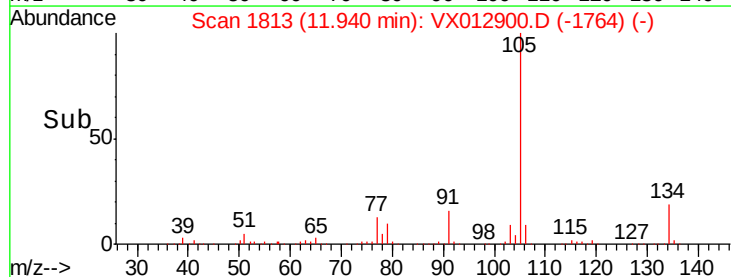
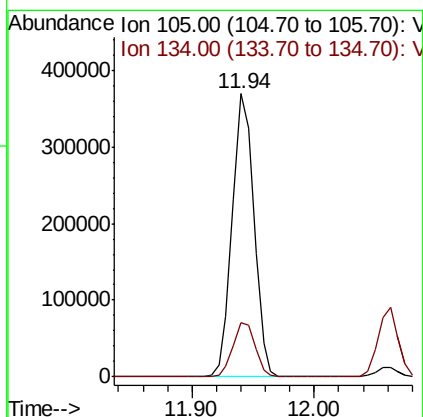
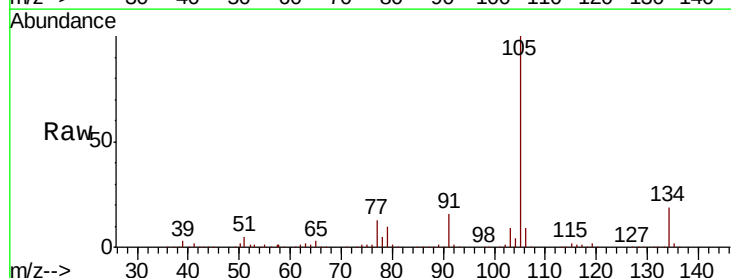
Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW3414MS

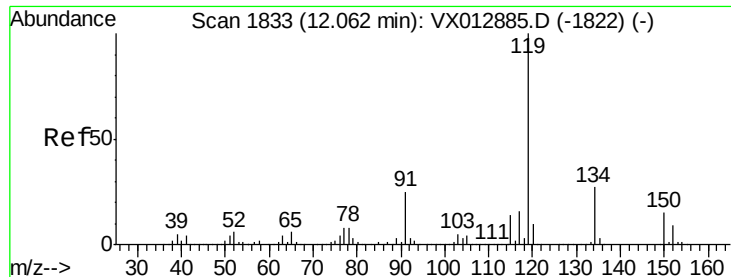
Tot Ion:105 Resp: 408839
Ion Ratio Lower Upper
105 100
120 44.5 21.8 65.3



#85
sec-Butylbenzene
Concen: 50.435 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX012900.D
Acq: 08 Oct 2019 19:23

Tgt Ion:105 Resp: 452594
Ion Ratio Lower Upper
105 100
134 19.6 10.0 30.0





#86

p-Isopropyltoluene

Concen: 49.641 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

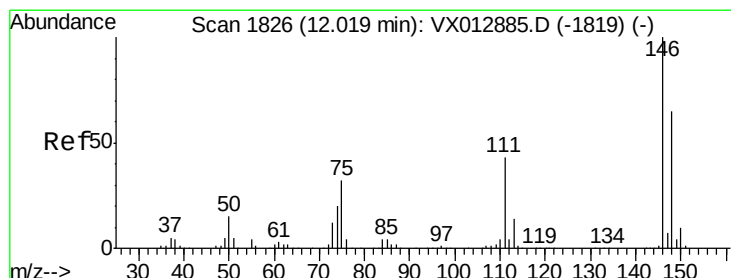
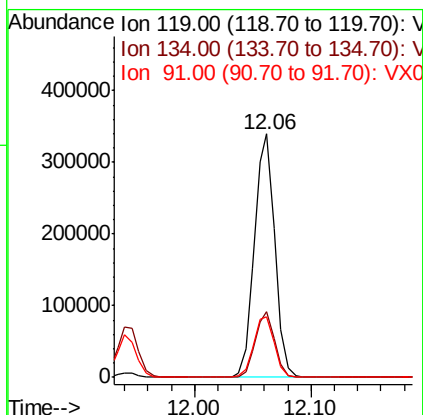
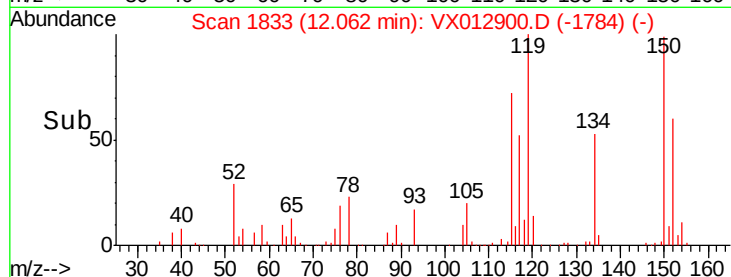
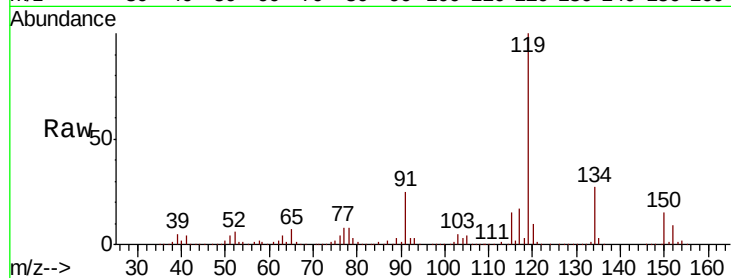
Tot Ion:119 Resp: 413146

Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 25.5 12.4 37.4



#87

1,3-Dichlorobenzene

Concen: 49.592 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

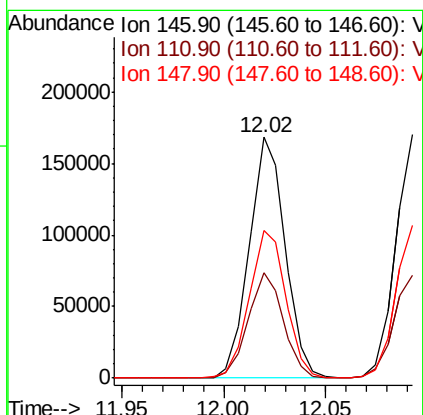
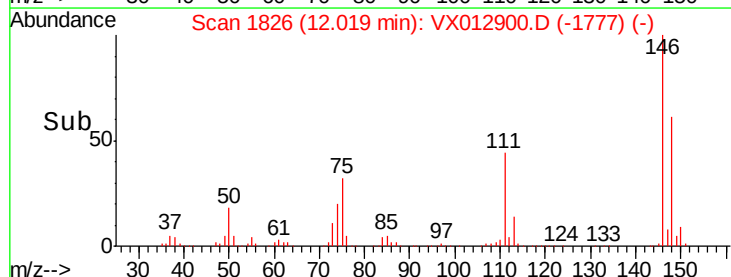
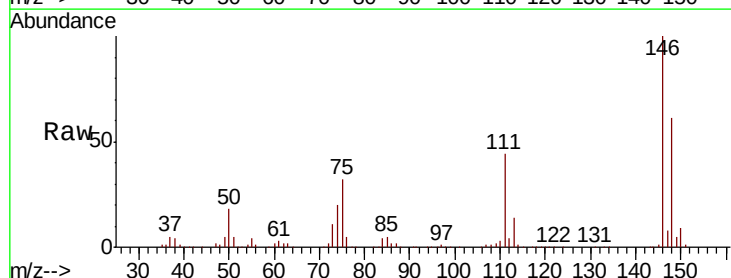
Tgt Ion:146 Resp: 206365

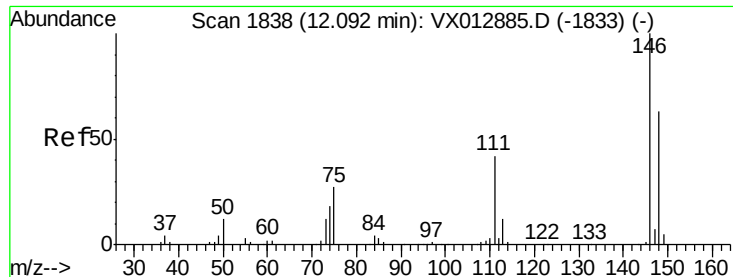
Ion Ratio Lower Upper

146 100

111 43.1 21.1 63.4

148 62.5 31.6 95.0





#88

1,4-Dichlorobenzene

Concen: 48.208 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

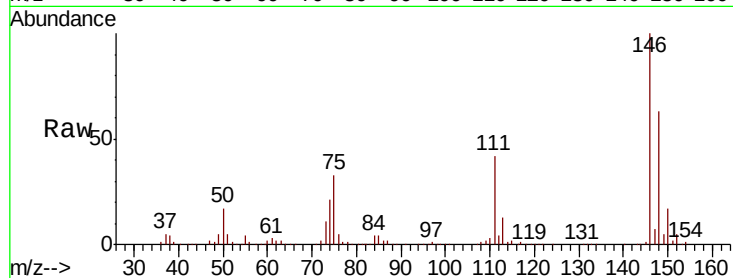
Tot Ion:146 Resp: 203166

Ion Ratio Lower Upper

146 100

111 43.6 21.4 64.3

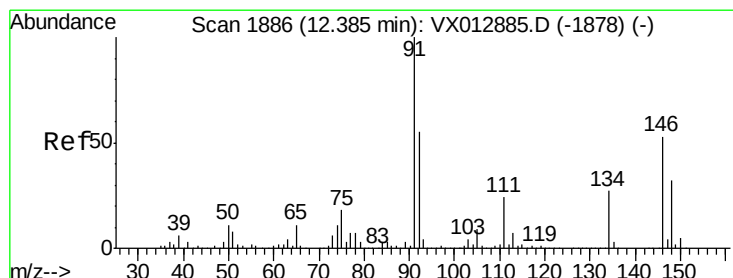
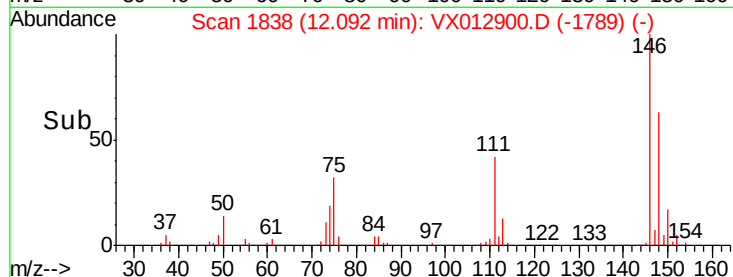
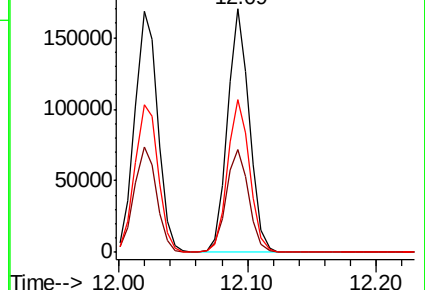
148 63.8 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 50.877 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

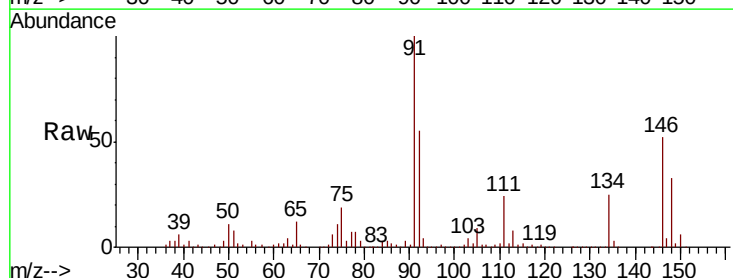
Tgt Ion: 91 Resp: 355874

Ion Ratio Lower Upper

91 100

92 54.3 27.5 82.5

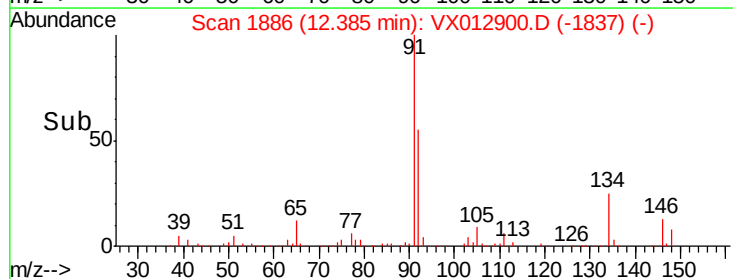
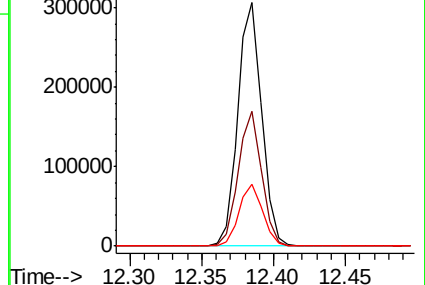
134 25.2 12.9 38.7

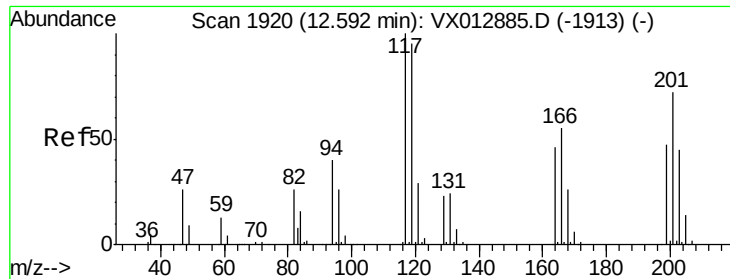


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 46.694 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

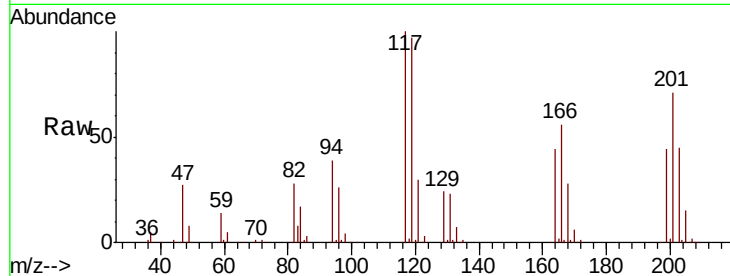
FA19-MMW3414MS

Tot Ion:117 Resp: 71751

Ion Ratio Lower Upper

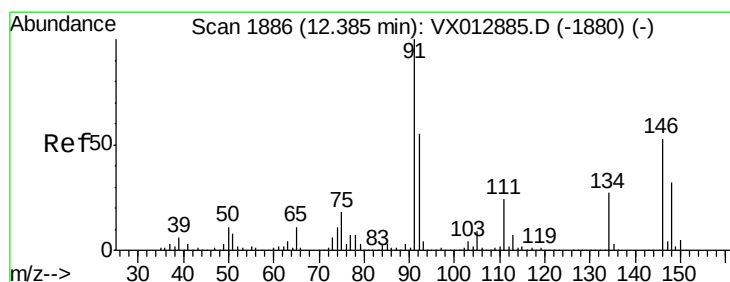
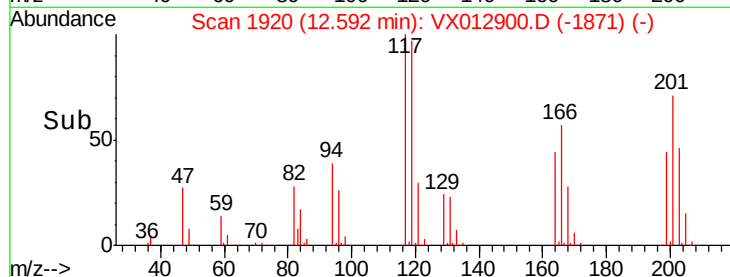
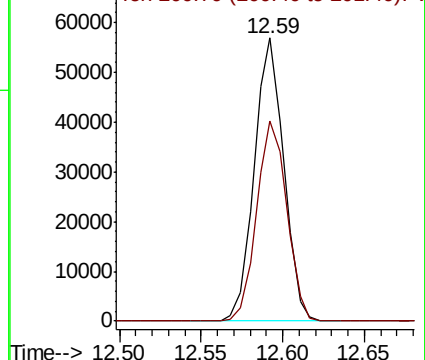
117 100

201 72.3 36.9 110.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 49.817 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

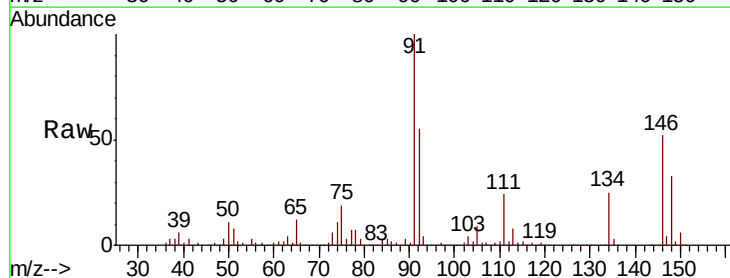
Tgt Ion:146 Resp: 203229

Ion Ratio Lower Upper

146 100

111 45.3 22.7 68.0

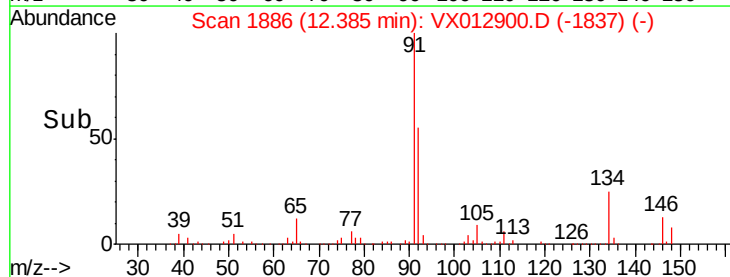
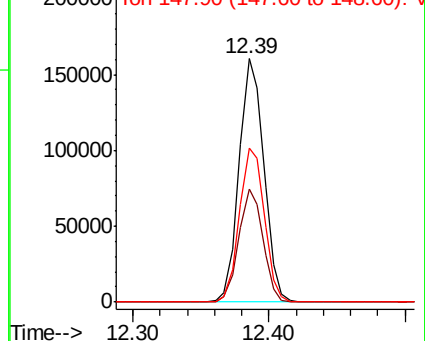
148 63.7 31.6 94.7

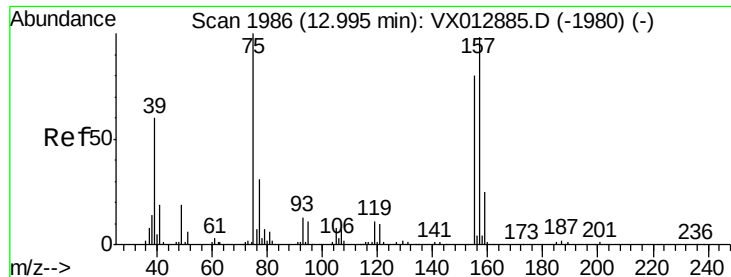


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.955 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

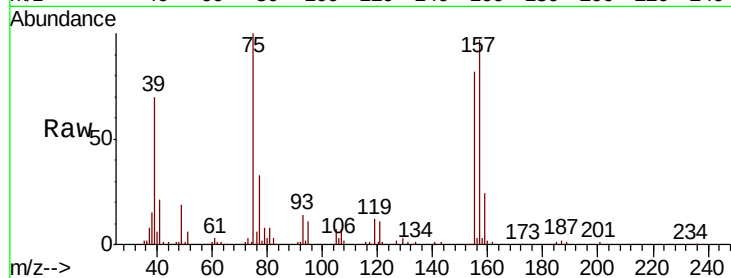
Tot Ion: 75 Resp: 39997

Ion Ratio Lower Upper

75 100

155 80.6 43.0 128.8

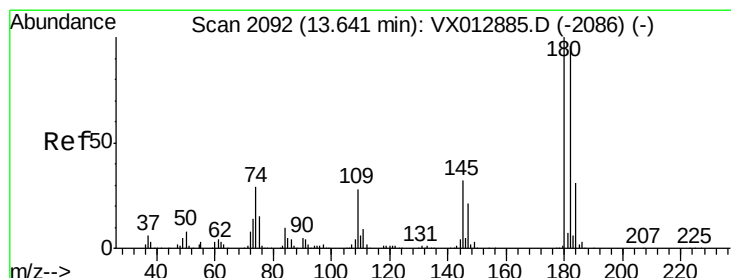
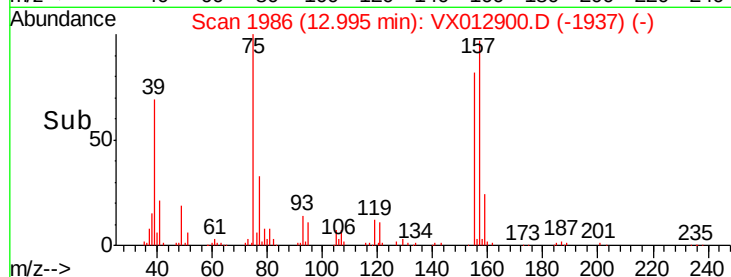
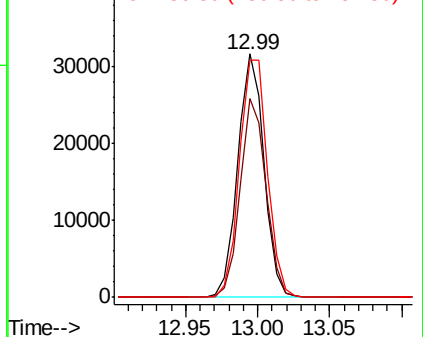
157 104.0 54.1 162.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 49.298 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

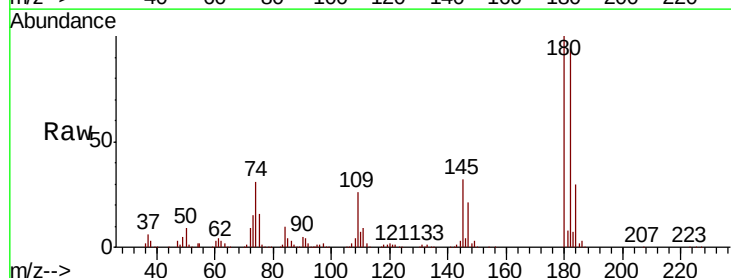
Tgt Ion: 180 Resp: 125982

Ion Ratio Lower Upper

180 100

182 95.9 46.8 140.4

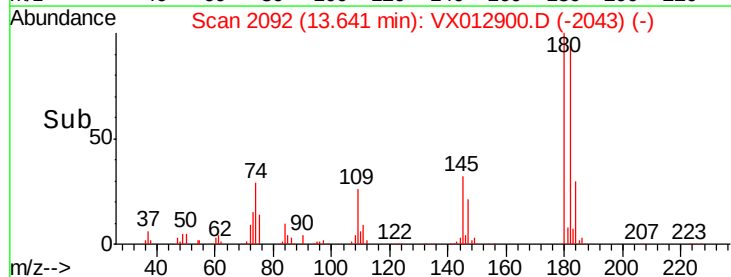
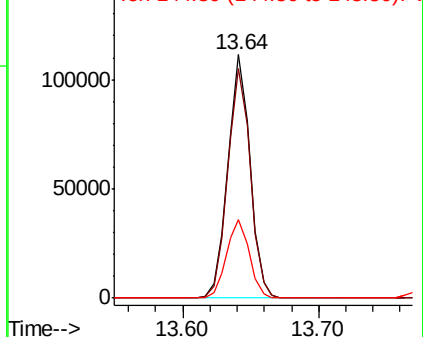
145 33.2 16.2 48.6

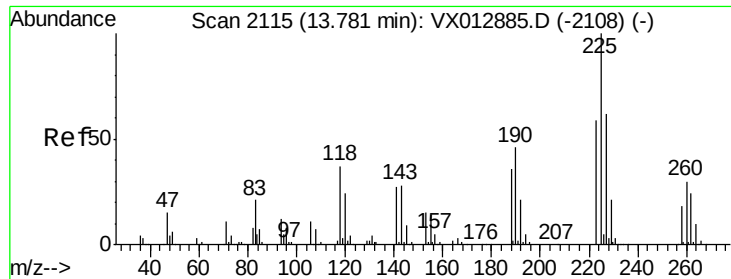


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 45.721 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW3414MS

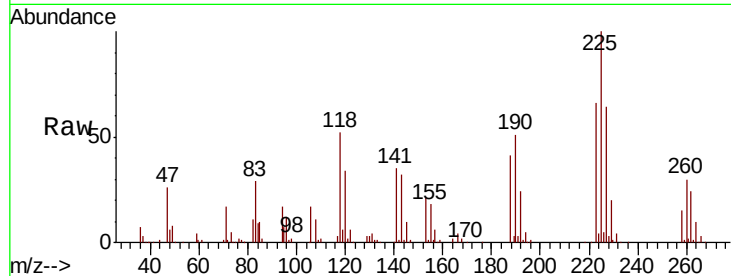
Tot Ion:225 Resp: 53923

Ion Ratio Lower Upper

225 100

223 63.3 31.1 93.2

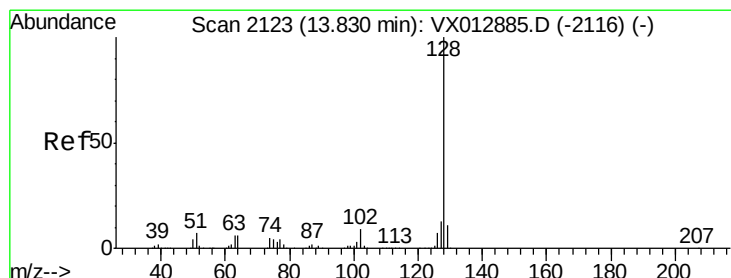
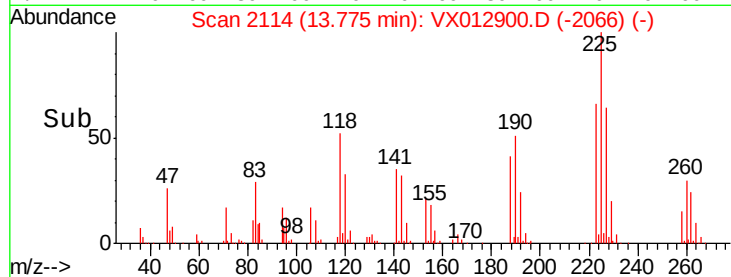
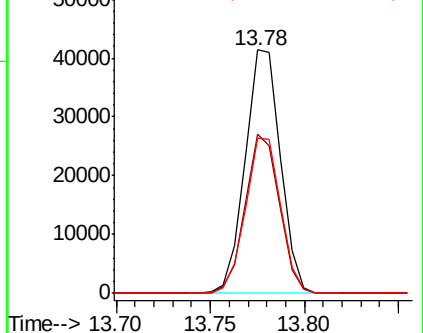
227 63.3 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 51.805 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012900.D

Acq: 08 Oct 2019 19:23

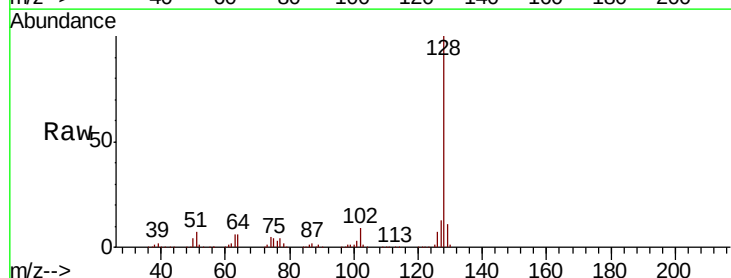
Tgt Ion:128 Resp: 458928

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

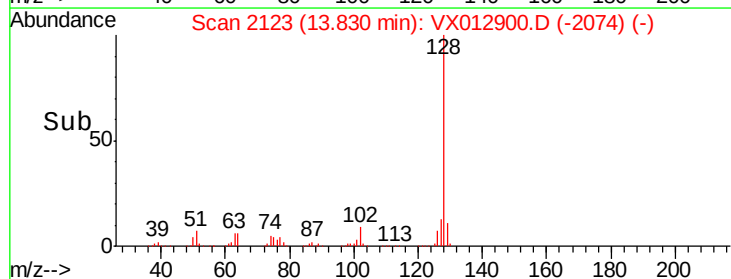
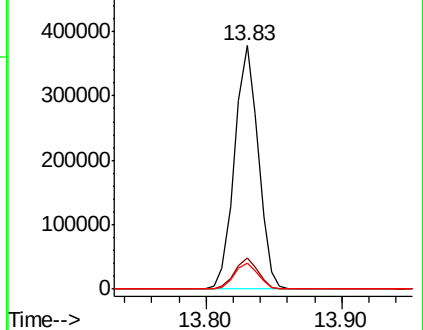
129 10.7 8.8 13.2

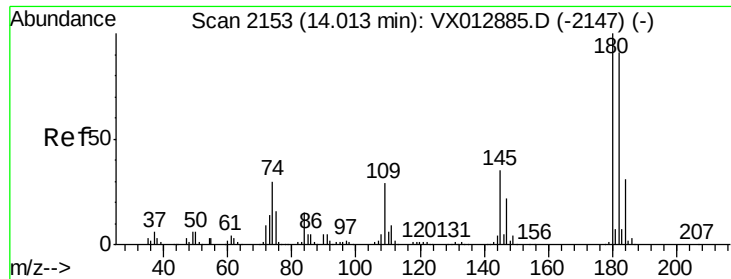


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

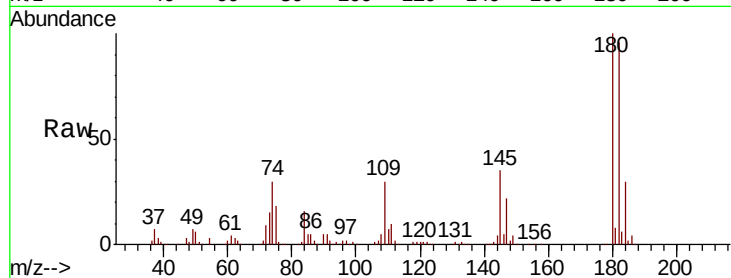




#96
 1,2,3-Trichlorobenzene
 Concen: 49.324 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012900.D
 Acq: 08 Oct 2019 19:23

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.5
145	35.3	17.4	52.3



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

