

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019326.D
 Acq On : 05 Nov 2020 19:47
 Operator : JC/MD
 Sample : L4616-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MSD

Quant Time: Nov 06 01:11:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	248227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	431564	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	389952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195857	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	170440	53.24	ug/l	0.00
Spiked Amount			Recovery	=	106.48%	
35) Dibromofluoromethane	5.46	113	135225	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	
50) Toluene-d8	8.70	98	503228	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.12	95	194735	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	104985	50.733	ug/l	98
3) Chloromethane	1.31	50	125724	54.381	ug/l	99
4) Vinyl Chloride	1.39	62	149267	55.673	ug/l	99
5) Bromomethane	1.63	94	87401	47.733	ug/l	98
6) Chloroethane	1.71	64	98394	57.478	ug/l	97
7) Trichlorofluoromethane	1.92	101	223440	53.046	ug/l	96
8) Diethyl Ether	2.17	74	93096	57.588	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118979	50.961	ug/l	99
10) Methyl Iodide	2.49	142	131511	48.012	ug/l	99
11) Tert butyl alcohol	3.02	59	190874	301.882	ug/l	99
12) 1,1-Dichloroethene	2.36	96	129203	53.703	ug/l	99
13) Acrolein	2.28	56	94102	331.003	ug/l	98
14) Allyl chloride	2.71	41	206513	56.671	ug/l	98
15) Acrylonitrile	3.12	53	400259	301.252	ug/l	99
16) Acetone	2.42	43	330436	299.211	ug/l	99
17) Carbon Disulfide	2.55	76	340165	49.608	ug/l	100
18) Methyl Acetate	2.75	43	158797	59.132	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	487942	58.534	ug/l	98
20) Methylene Chloride	2.84	84	152609	55.043	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	146615	52.951	ug/l	95
22) Diisopropyl ether	3.82	45	441589	60.785	ug/l	98
23) Vinyl Acetate	3.79	43	1860091	287.120	ug/l	98
24) 1,1-Dichloroethane	3.67	63	261166	57.578	ug/l	100
25) 2-Butanone	4.64	43	531873	305.591	ug/l	98
26) 2,2-Dichloropropane	4.55	77	197655	46.353	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	170848	55.217	ug/l	99
28) Bromochloromethane	4.98	49	116769	56.627	ug/l	94
29) Tetrahydrofuran	5.09	42	344538	314.120	ug/l	98
30) Chloroform	5.18	83	275319	57.025	ug/l	99
31) Cyclohexane	5.55	56	209911	51.874	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	243213	55.563	ug/l	100
36) 1,1-Dichloropropene	5.77	75	202013	50.691	ug/l	99
37) Ethyl Acetate	4.79	43	203596	55.024	ug/l	99
38) Carbon Tetrachloride	5.76	117	204005	50.222	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	219463	46.056	ug/l	98
40) Benzene	6.11	78	605264	53.567	ug/l	99
41) Methacrylonitrile	5.00	41	112103	56.259	ug/l	100
42) 1,2-Dichloroethane	6.16	62	223751	53.731	ug/l	100
43) Isopropyl Acetate	6.41	43	340390	54.941	ug/l	99
44) Trichloroethene	7.19	130	158810	49.076	ug/l	93
45) 1,2-Dichloropropane	7.49	63	153009	55.286	ug/l	98
46) Dibromomethane	7.63	93	108340	52.939	ug/l	96
47) Bromodichloromethane	7.87	83	216831	53.753	ug/l	99
48) Methyl methacrylate	7.74	41	171224	57.419	ug/l	98
49) 1,4-Dioxane	7.73	88	75669	1141.032	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1051193	295.203	ug/l	99
52) Toluene	8.77	92	385803	53.014	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	238059	51.669	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	254974	52.627	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	155567	54.103	ug/l	99
56) Ethyl methacrylate	9.16	69	248346	57.181	ug/l	98
57) 1,3-Dichloropropane	9.35	76	262686	54.186	ug/l	99
59) 2-Hexanone	9.48	43	805298	297.092	ug/l	99
60) Dibromochloromethane	9.57	129	165356	52.989	ug/l	100
61) 1,2-Dibromoethane	9.65	107	165386	53.787	ug/l	99
64) Tetrachloroethene	9.32	164	131851	44.379	ug/l	97
65) Chlorobenzene	10.12	112	396917	49.800	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	150262	52.369	ug/l	100
67) Ethyl Benzene	10.24	91	722936	50.903	ug/l	98
68) m/p-Xylenes	10.34	106	544984	102.241	ug/l	97
69) o-Xylene	10.68	106	260847	51.593	ug/l	99
70) Styrene	10.70	104	455397	52.791	ug/l	100
71) Bromoform	10.84	173	116444	51.185	ug/l	99
73) Isopropylbenzene	11.00	105	689840	49.758	ug/l	100
74) N-amyl acetate	10.88	43	287336	56.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	242786	56.035	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	276942	68.482	ug/l	86
77) Bromobenzene	11.24	156	171375	49.807	ug/l	92
78) n-propylbenzene	11.34	91	793930	50.166	ug/l	99
79) 2-Chlorotoluene	11.40	91	482141	51.747	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	591960	50.543	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	76802	50.004	ug/l	97
82) 4-Chlorotoluene	11.49	91	572353	50.304	ug/l	98
83) tert-Butylbenzene	11.76	119	559579	49.899	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	631664	53.422	ug/l	100
85) sec-Butylbenzene	11.93	105	659984	49.069	ug/l	99
86) p-Isopropyltoluene	12.05	119	610061	49.142	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	315152	49.183	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	315827	47.350	ug/l	98
89) n-Butylbenzene	12.37	91	566171	48.519	ug/l	99
90) Hexachloroethane	12.58	117	104814	49.672	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	303015	49.248	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57917	54.604	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	201522	43.604	ug/l	96

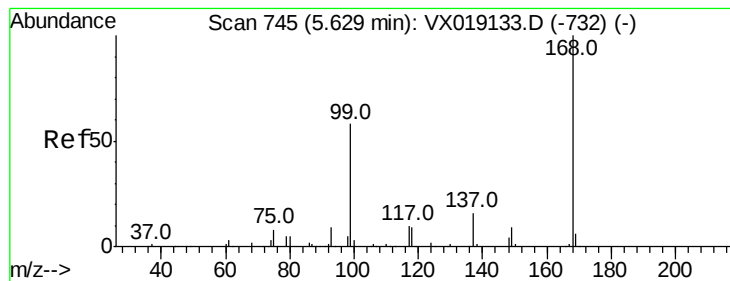
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	76758	37.729	ug/l	97
95) Naphthalene	13.82	128	747615	51.362	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	206986	46.166	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

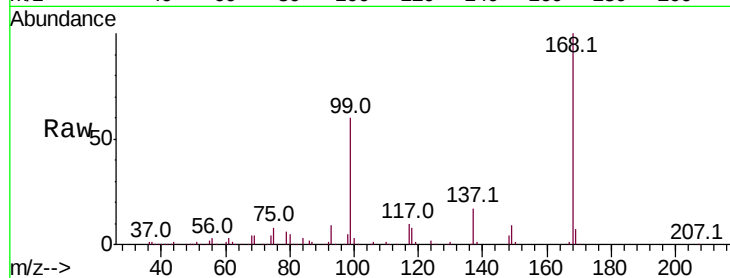
FA2O-MMW3414MSD

Tot Ion:168 Resp: 248227

Ion Ratio Lower Upper

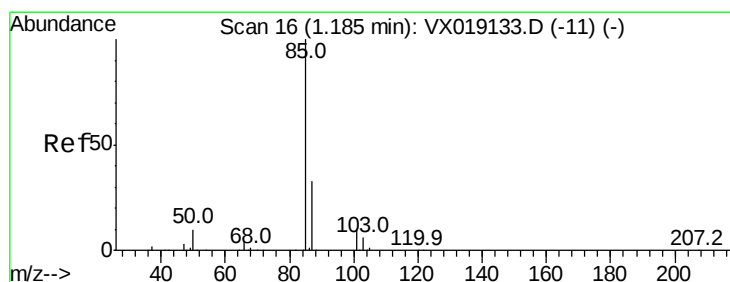
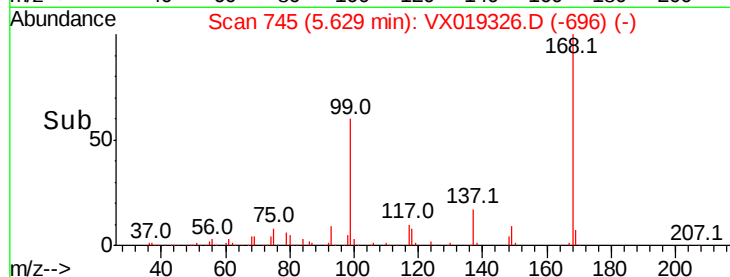
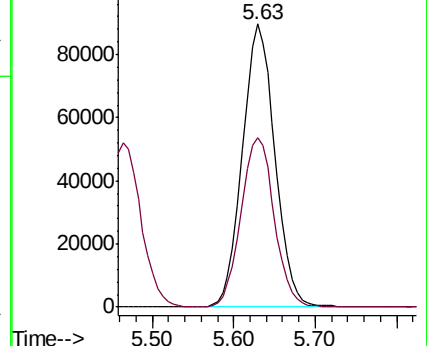
168 100

99 59.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.733 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019326.D

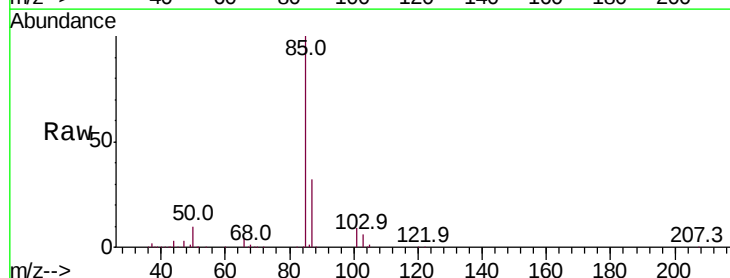
Acq: 05 Nov 2020 19:47

Tgt Ion: 85 Resp: 104985

Ion Ratio Lower Upper

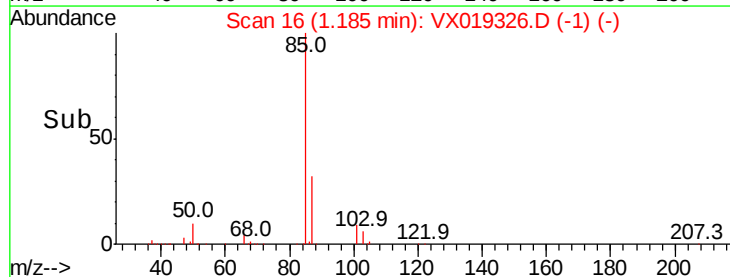
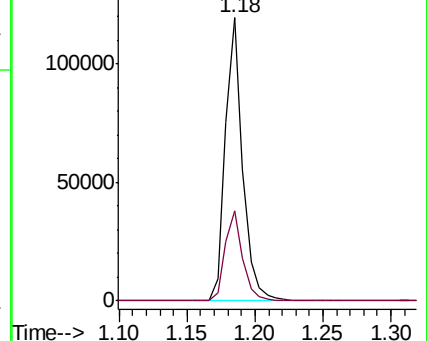
85 100

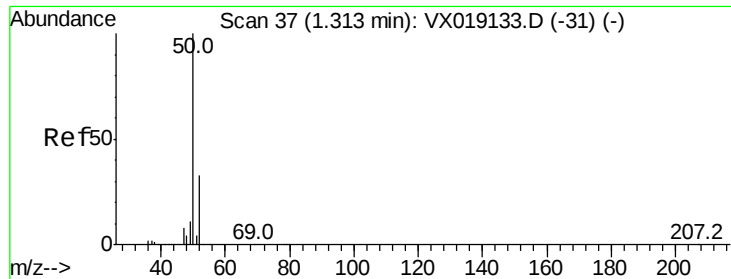
87 31.9 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 54.381 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

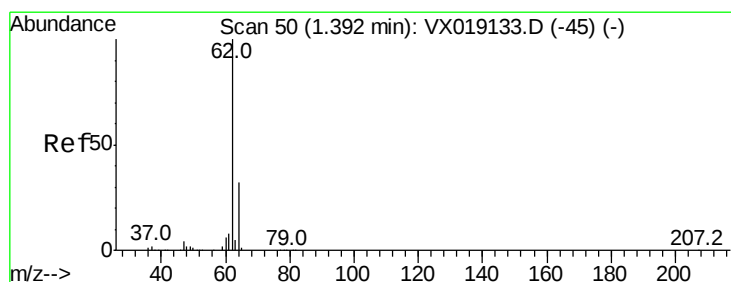
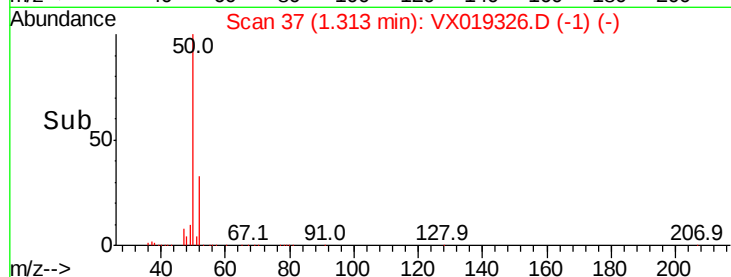
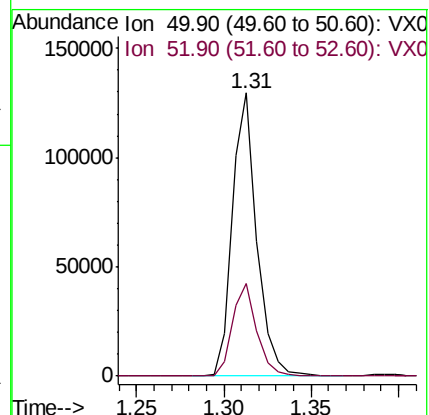
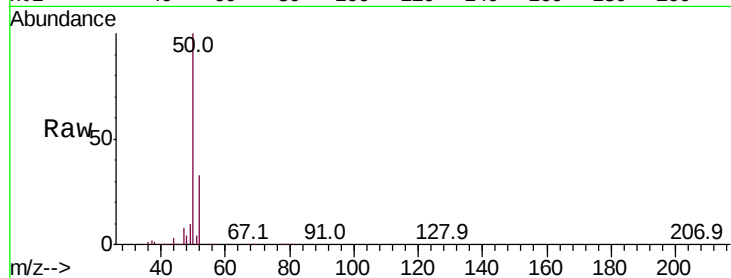
FA2O-MMW3414MSD

Tot Ion: 50 Resp: 125724

Ion Ratio Lower Upper

50 100

52 32.8 26.8 40.2



#4

Vinyl Chloride

Concen: 55.673 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019326.D

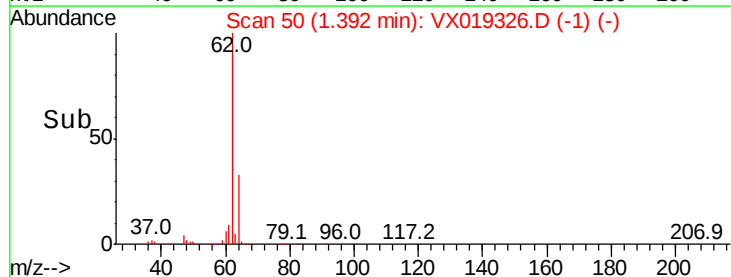
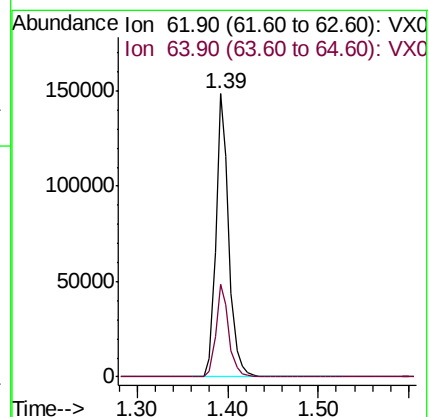
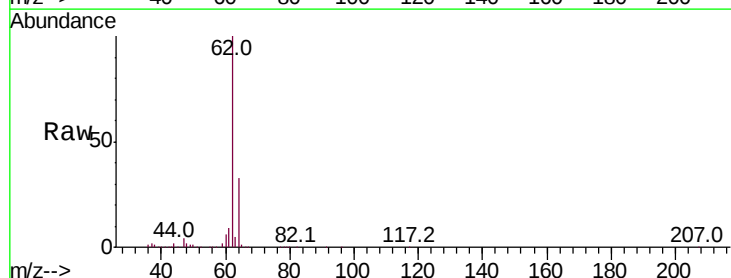
Acq: 05 Nov 2020 19:47

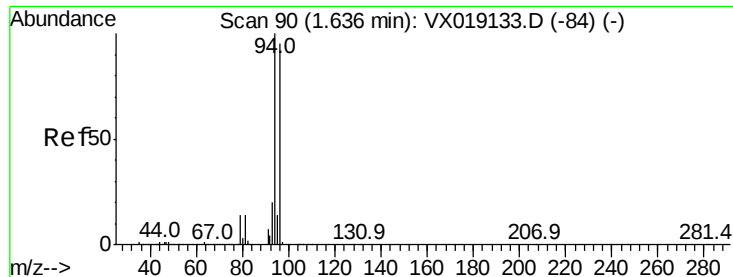
Tgt Ion: 62 Resp: 149267

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 47.733 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

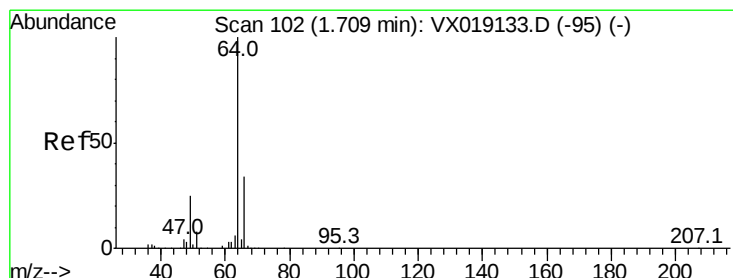
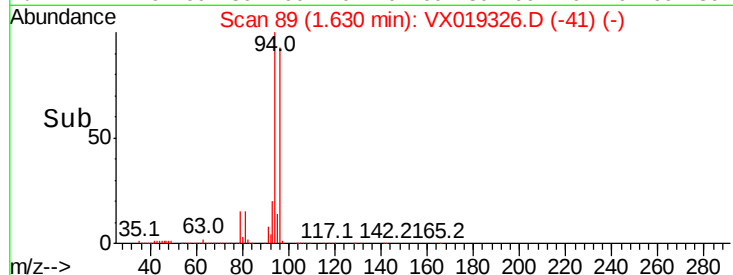
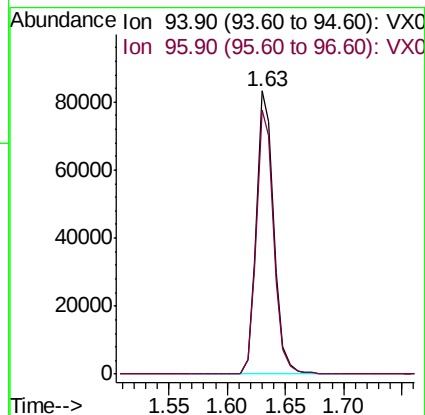
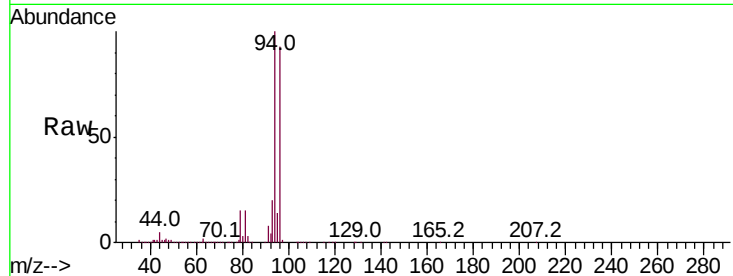
FA2O-MMW3414MSD

Tot Ion: 94 Resp: 87401

Ion Ratio Lower Upper

94 100

96 93.2 76.0 114.0



#6

Chloroethane

Concen: 57.478 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019326.D

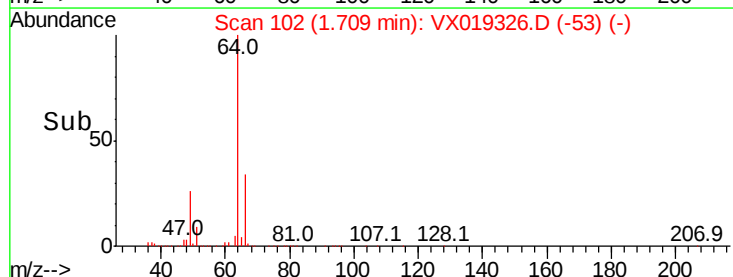
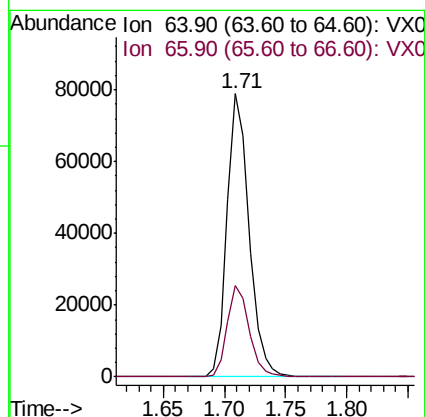
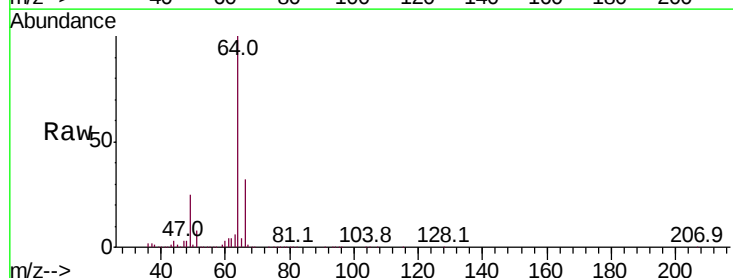
Acq: 05 Nov 2020 19:47

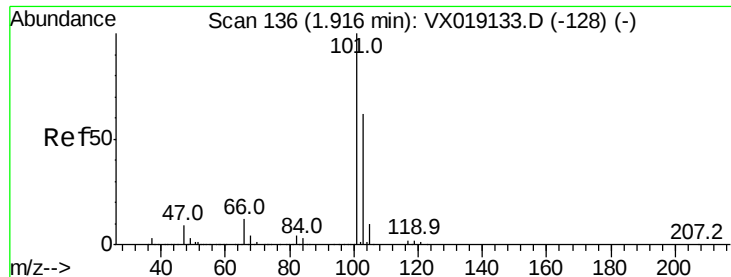
Tgt Ion: 64 Resp: 98394

Ion Ratio Lower Upper

64 100

66 32.2 27.1 40.7



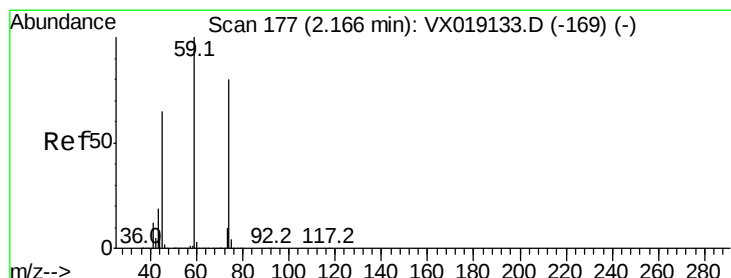
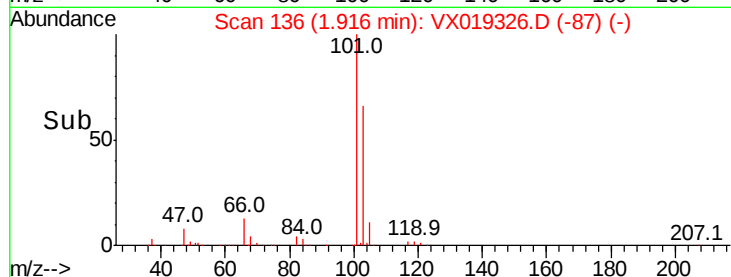
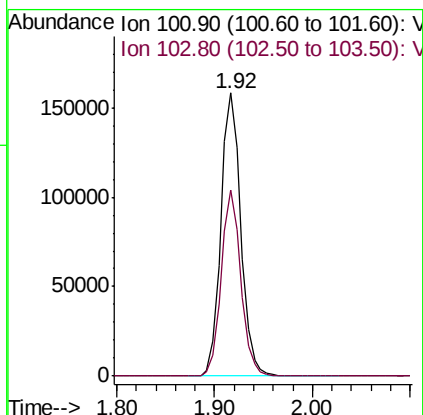
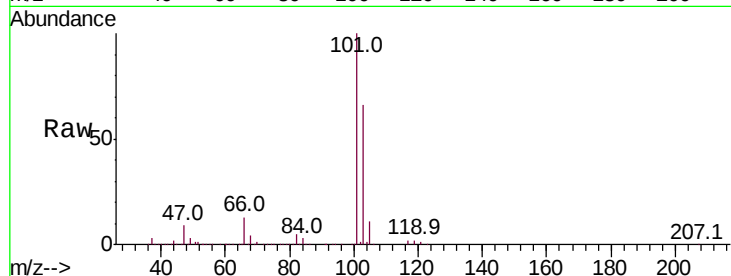


#7

Trichlorofluoromethane
Concen: 53.046 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019326.D
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FA2O-MMW3414MSD

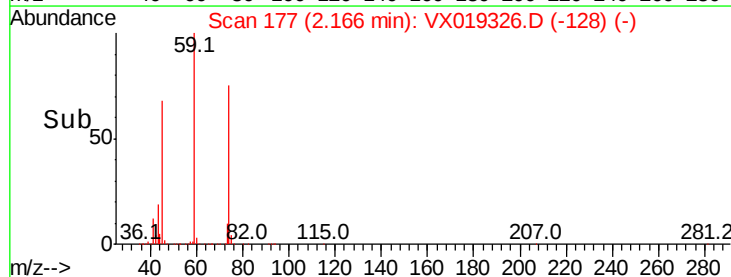
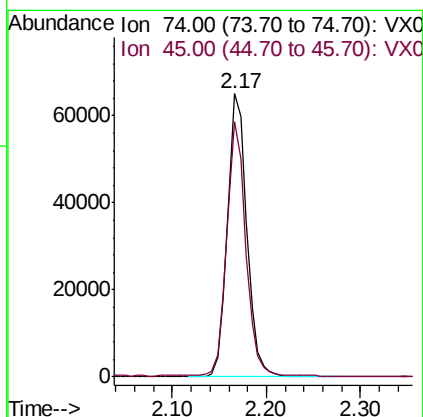
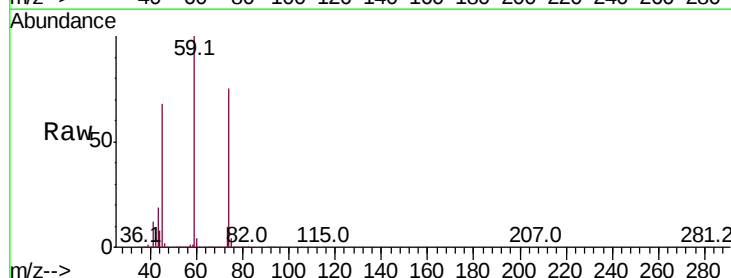
Tot Ion:101 Resp: 223440
Ion Ratio Lower Upper
101 100
103 65.8 50.0 75.0

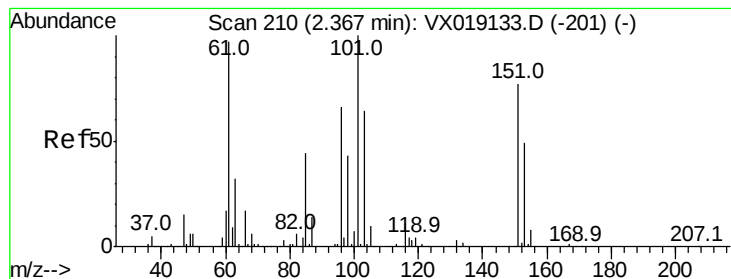


#8

Diethyl Ether
Concen: 57.588 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

Tgt Ion: 74 Resp: 93096
Ion Ratio Lower Upper
74 100
45 90.0 41.0 123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.961 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MSD

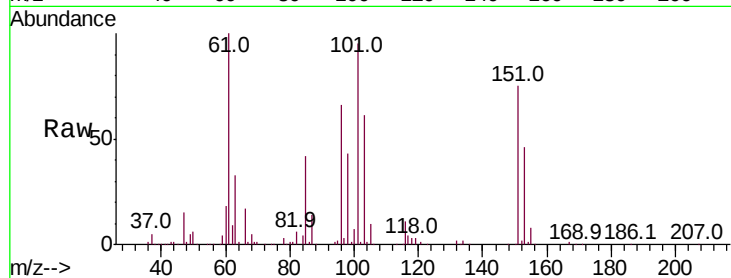
Tot Ion:101 Resp: 118979

Ion Ratio Lower Upper

101 100

85 44.6 35.0 52.4

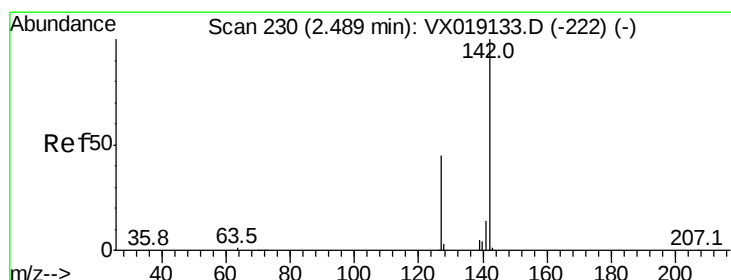
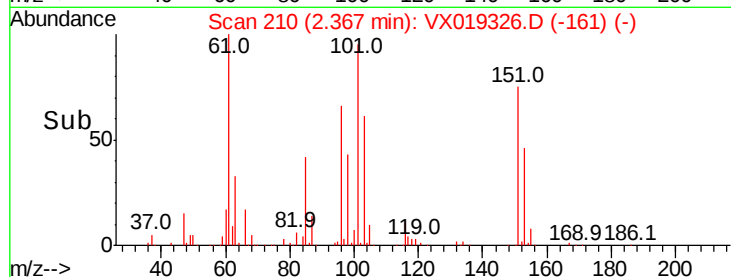
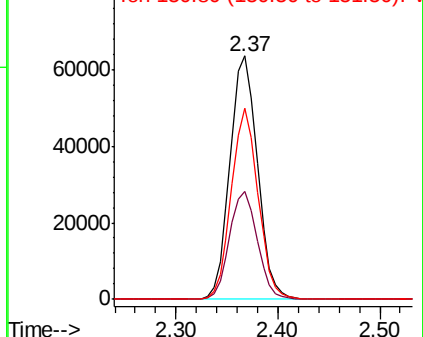
151 76.1 61.4 92.2



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: 48.012 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

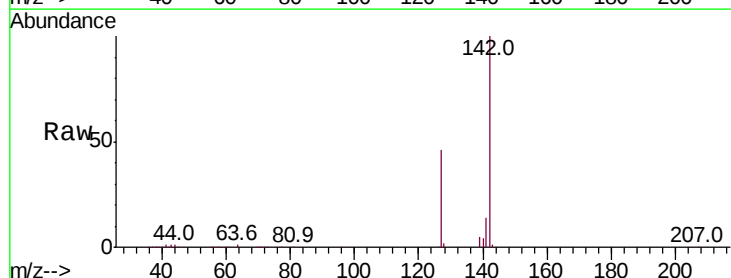
Tgt Ion:142 Resp: 131511

Ion Ratio Lower Upper

142 100

127 45.9 36.1 54.1

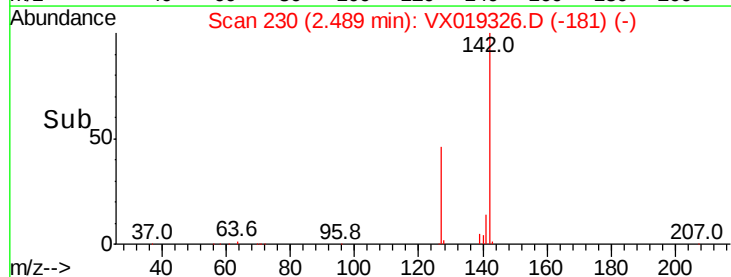
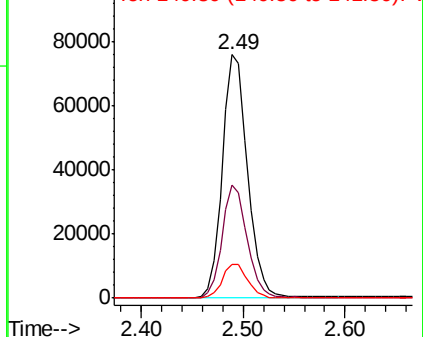
141 14.1 11.3 16.9

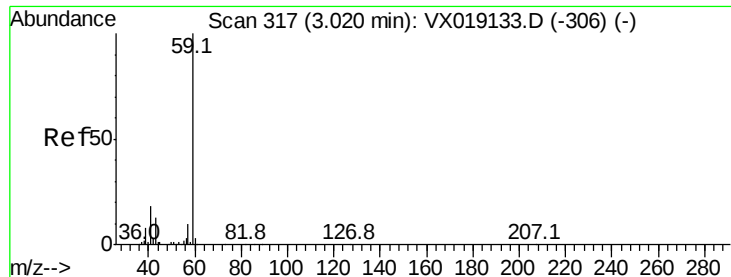


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



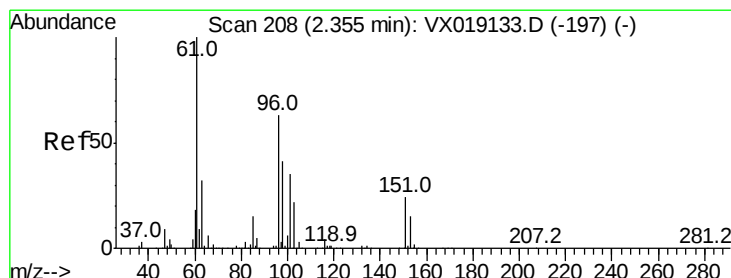
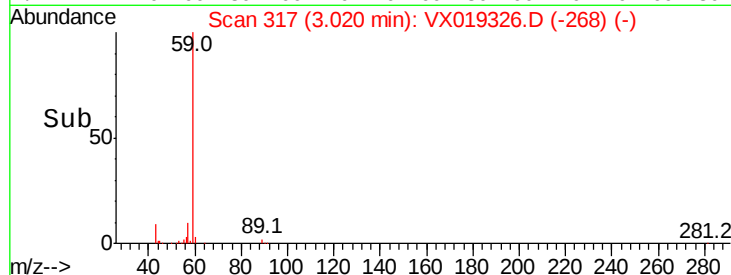
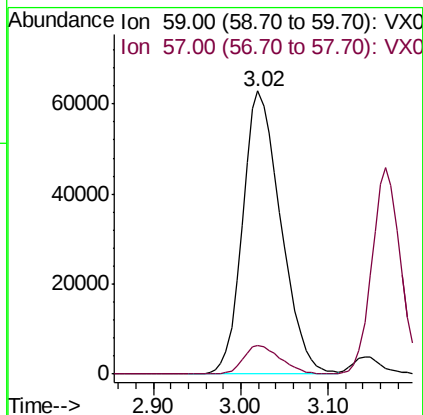
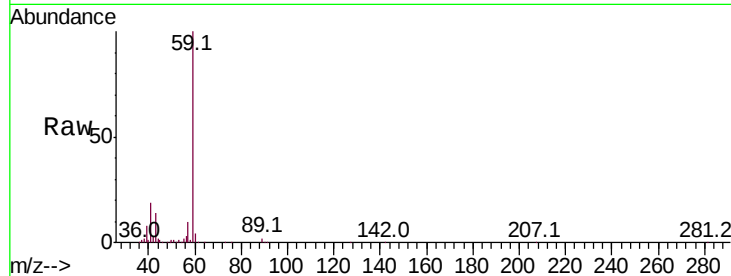


#11

Tert butyl alcohol
 Concen: 301.882 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: VX019326.D
 Acq: 05 Nov 2020 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MSD

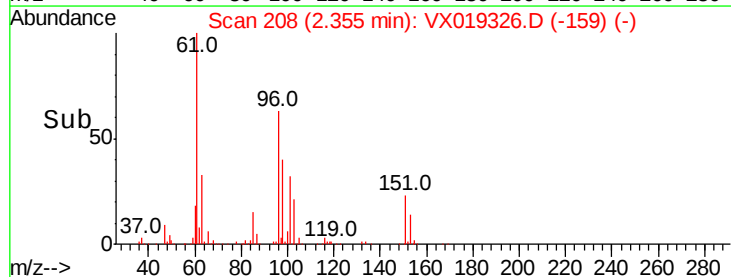
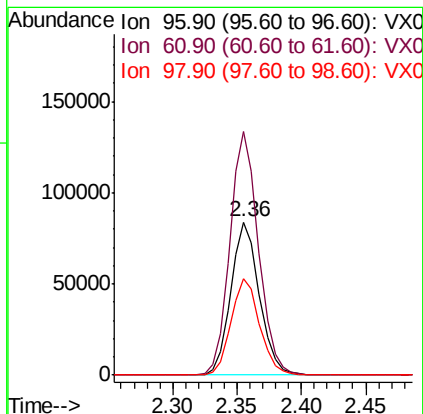
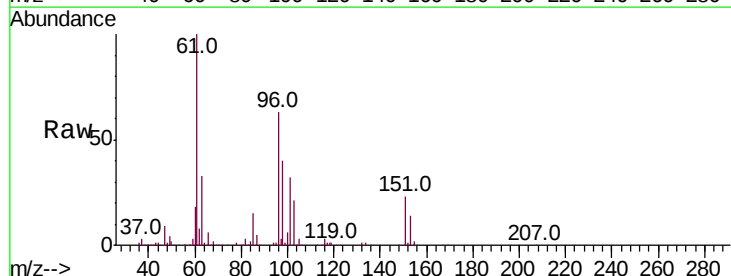
Tot Ion: 59 Resp: 190874
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.4 12.6

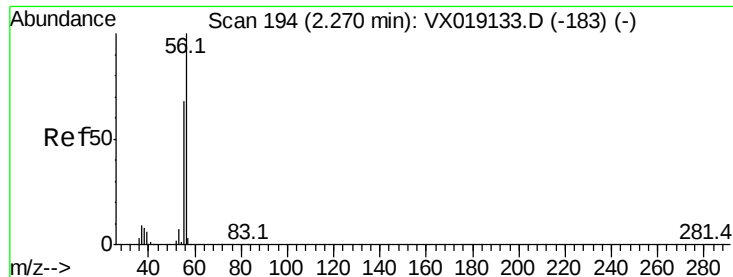


#12

1,1-Dichloroethene
 Concen: 53.703 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019326.D
 Acq: 05 Nov 2020 19:47

Tgt Ion: 96 Resp: 129203
 Ion Ratio Lower Upper
 96 100
 61 159.1 127.7 191.5
 98 63.1 52.1 78.1





#13

Acrolein

Concen: 331.003 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

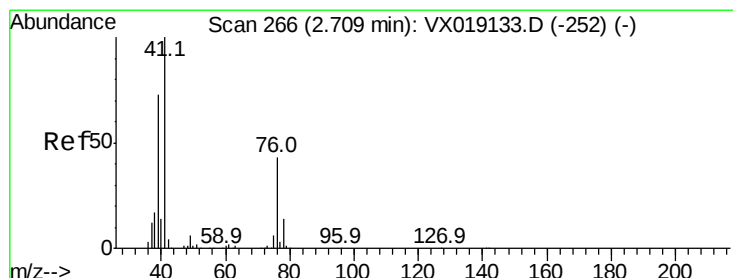
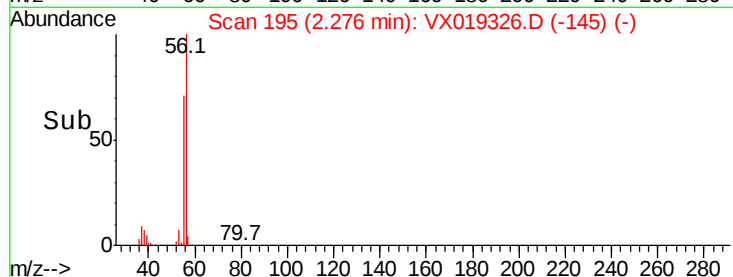
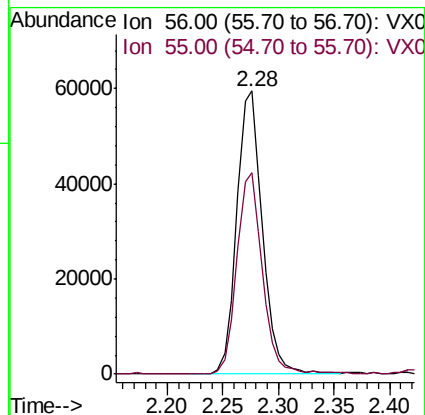
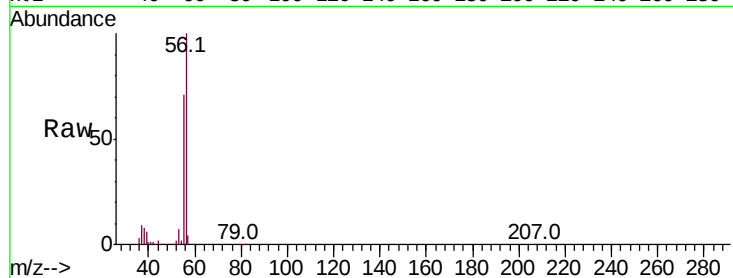
FA2O-MMW3414MSD

Tot Ion: 56 Resp: 94102

Ion Ratio Lower Upper

56 100

55 70.2 54.7 82.1



#14

Allyl chloride

Concen: 56.671 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

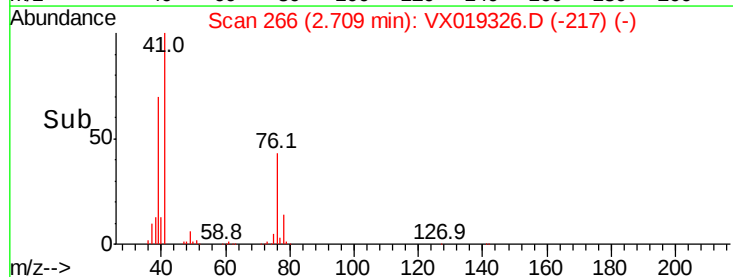
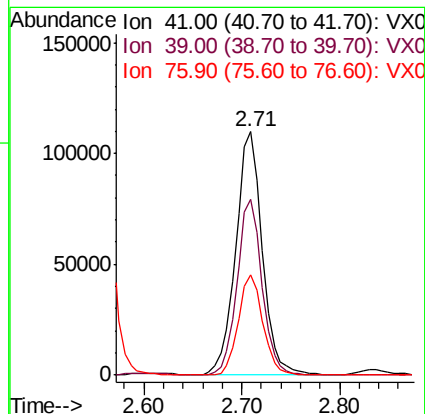
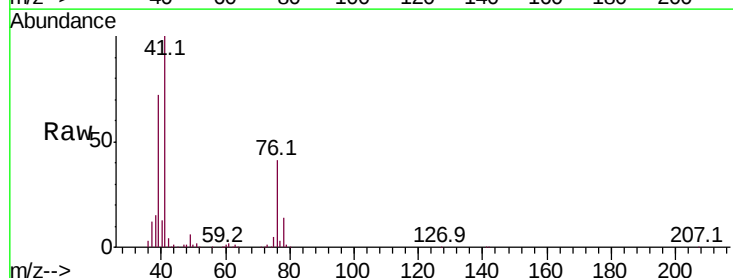
Tgt Ion: 41 Resp: 206513

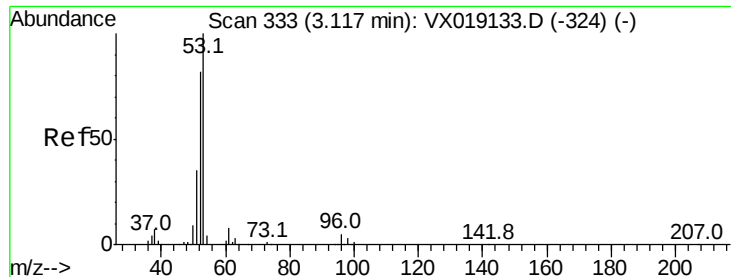
Ion Ratio Lower Upper

41 100

39 67.6 55.2 82.8

76 37.9 31.5 47.3





#15

Acrylonitrile

Concen: 301.252 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MSD

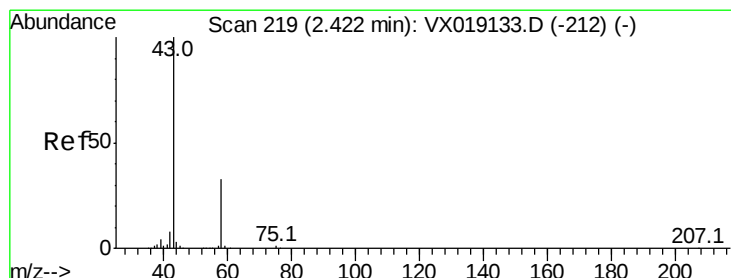
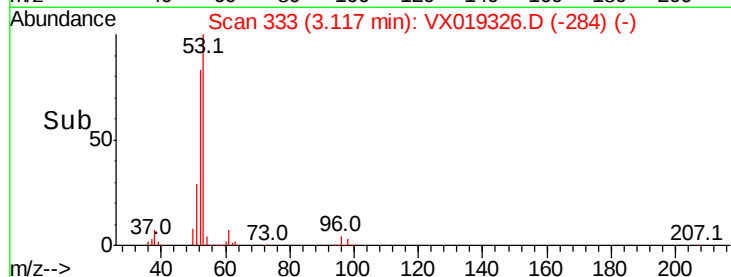
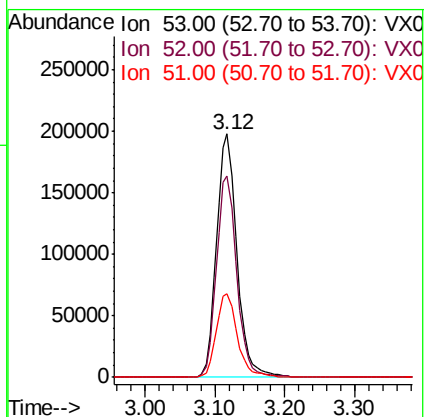
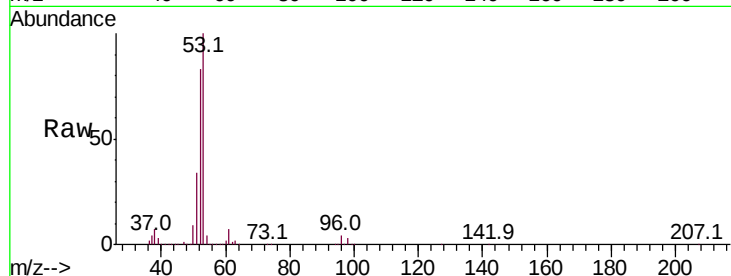
Tot Ion: 53 Resp: 400259

Ion Ratio Lower Upper

53 100

52 82.9 65.7 98.5

51 35.5 28.4 42.6



#16

Acetone

Concen: 299.211 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019326.D

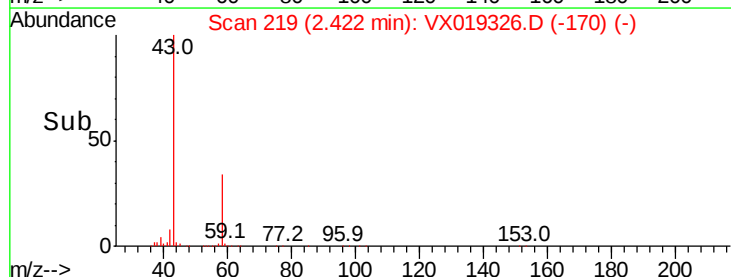
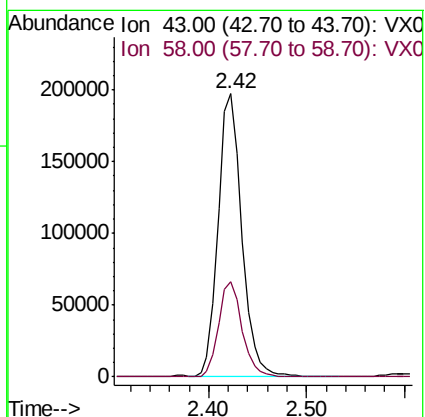
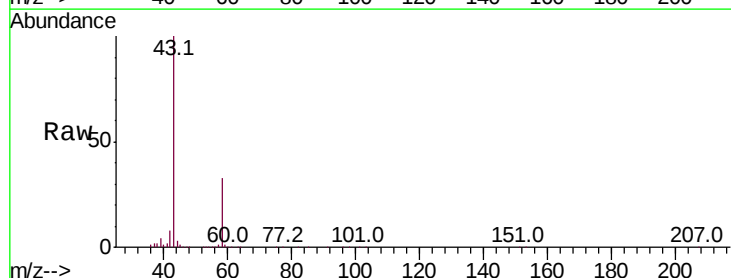
Acq: 05 Nov 2020 19:47

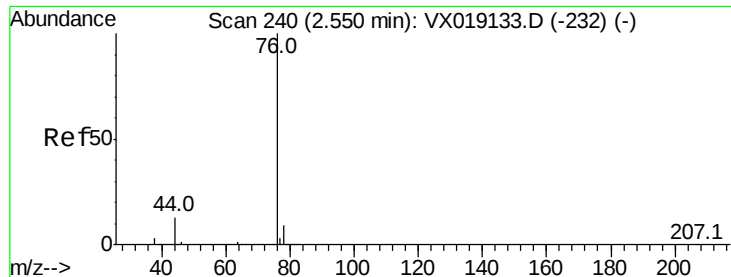
Tgt Ion: 43 Resp: 330436

Ion Ratio Lower Upper

43 100

58 33.5 26.3 39.5

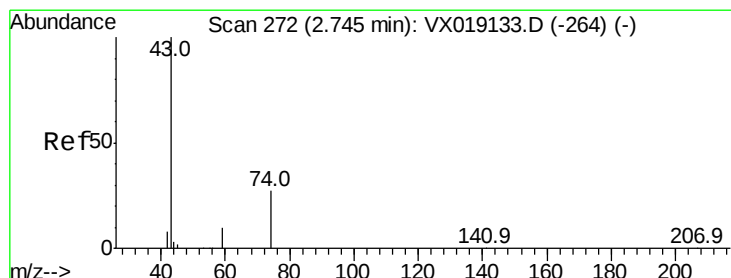
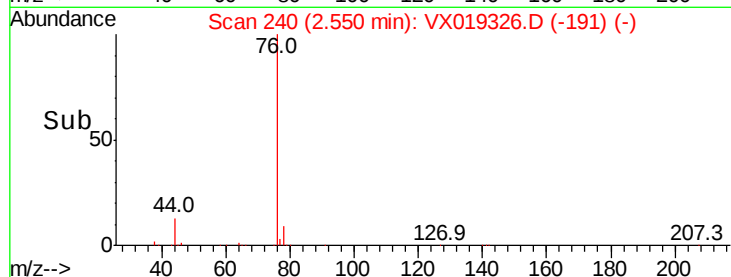
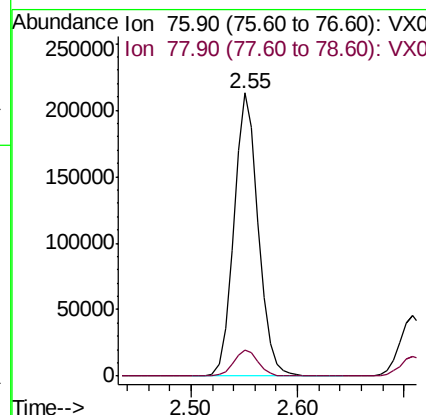
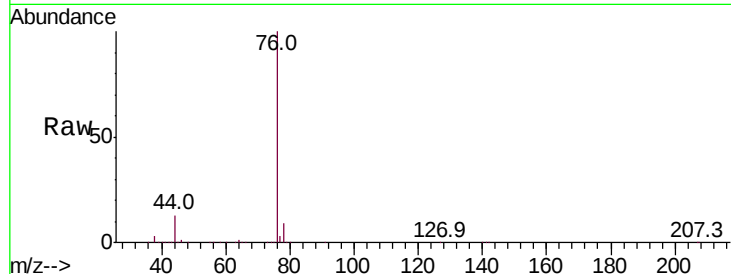




#17
Carbon Disulfide
Concen: 49.608 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

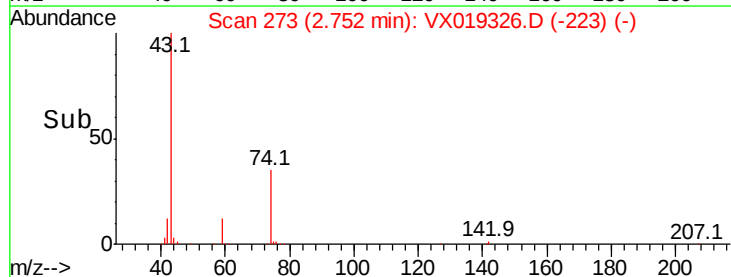
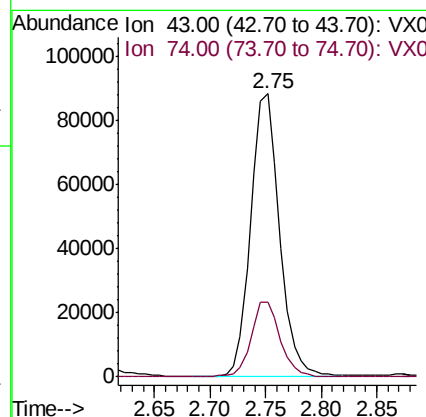
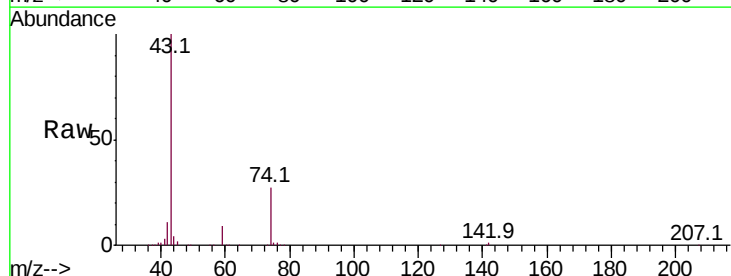
Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MSD

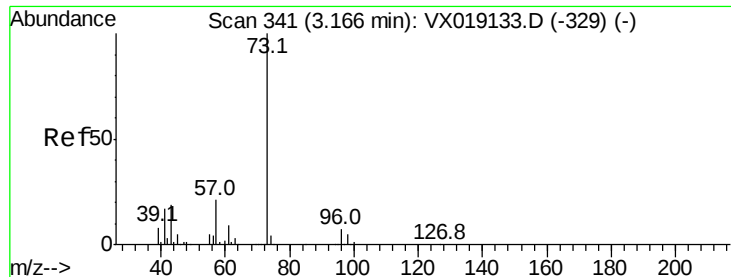
Tot Ion: 76 Resp: 340165
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 59.132 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

Tgt Ion: 43 Resp: 158797
Ion Ratio Lower Upper
43 100
74 27.2 22.6 33.8



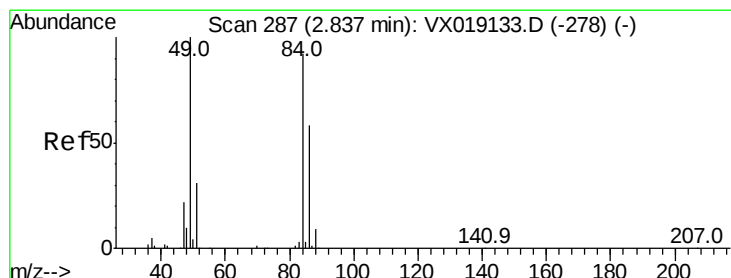
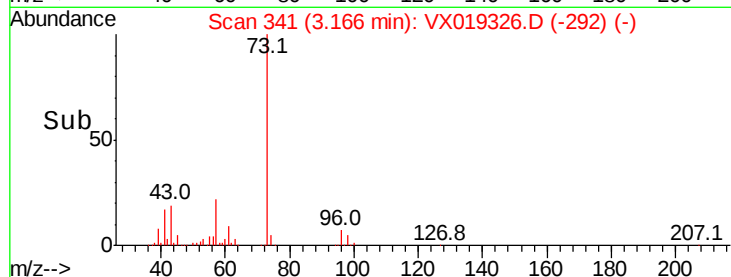
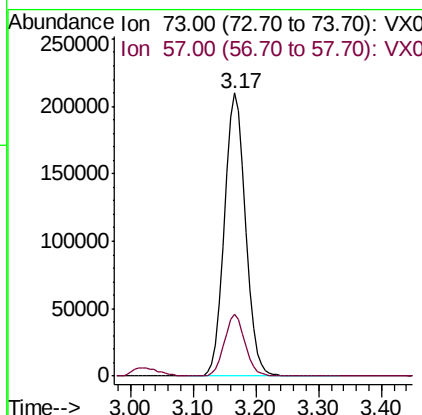
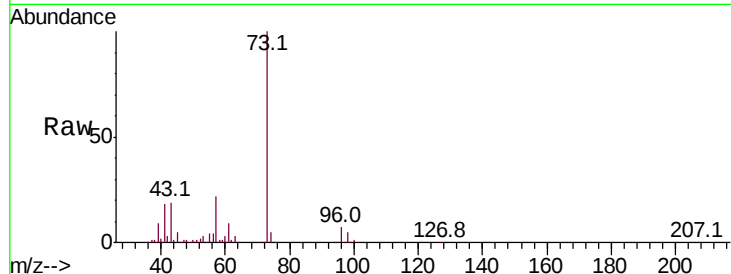


#19

Methyl tert-butyl Ether
 Concen: 58.534 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019326.D
 Acq: 05 Nov 2020 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MSD

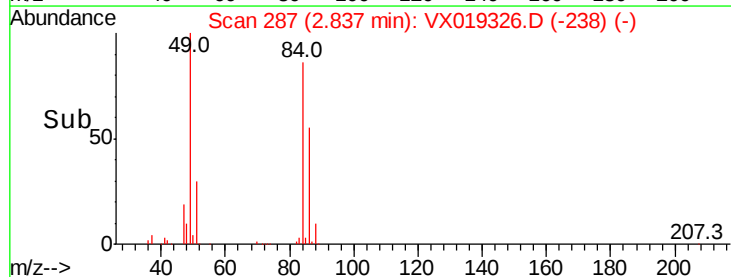
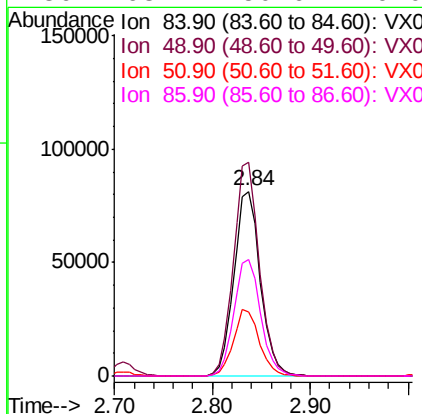
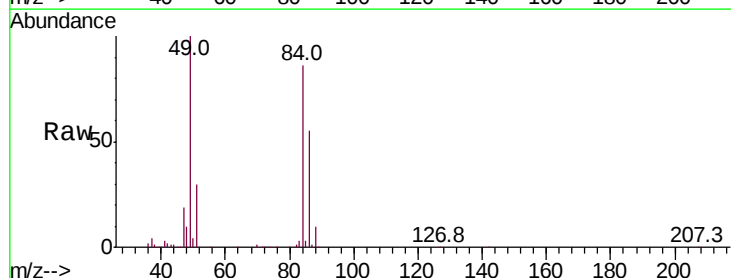
Tot Ion: 73 Resp: 487942
 Ion Ratio Lower Upper
 73 100
 57 21.8 16.6 25.0

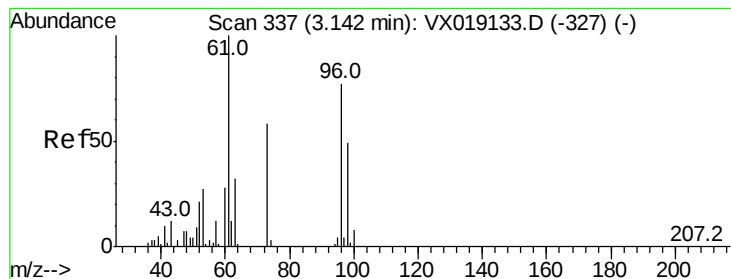


#20

Methylene Chloride
 Concen: 55.043 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX019326.D
 Acq: 05 Nov 2020 19:47

Tgt Ion: 84 Resp: 152609
 Ion Ratio Lower Upper
 84 100
 49 115.6 86.8 130.2
 51 34.9 27.3 40.9
 86 63.1 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 52.951 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MSD

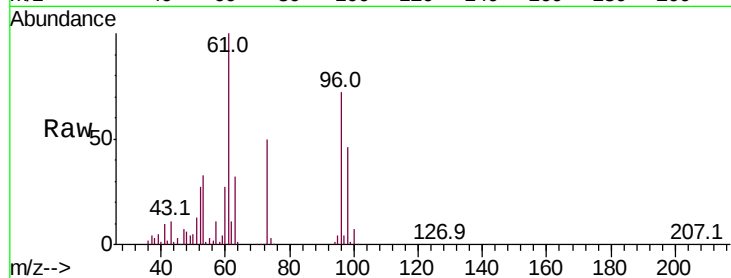
Tot Ion: 96 Resp: 146615

Ion Ratio Lower Upper

96 100

61 139.8 104.2 156.4

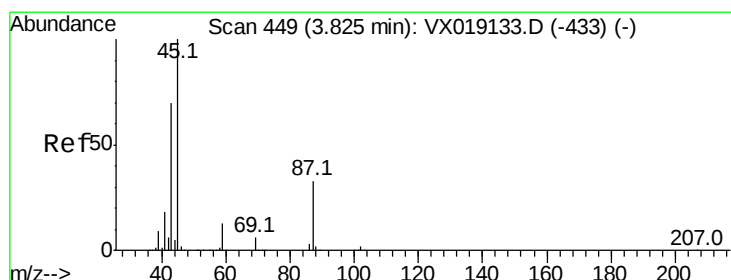
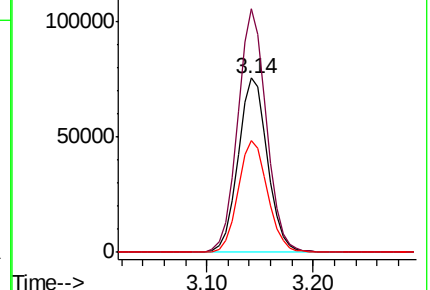
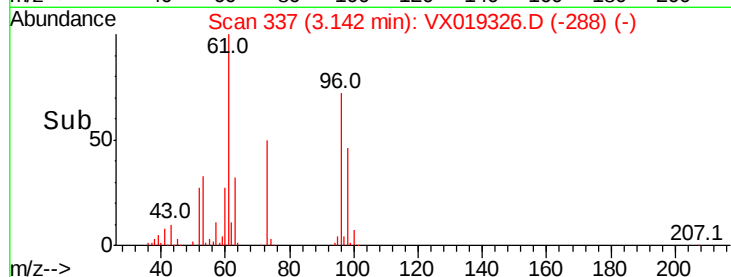
98 64.2 51.3 76.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 60.785 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Tgt Ion: 45 Resp: 441589

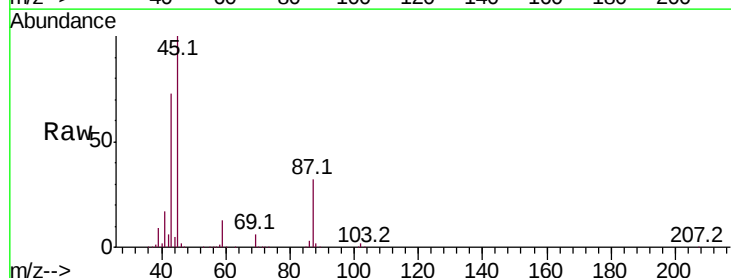
Ion Ratio Lower Upper

45 100

43 72.4 56.2 84.4

87 32.0 26.2 39.2

59 12.6 10.1 15.1

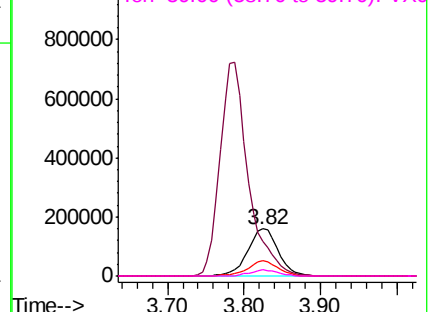
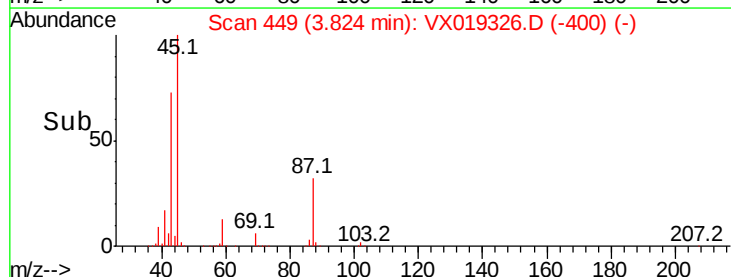


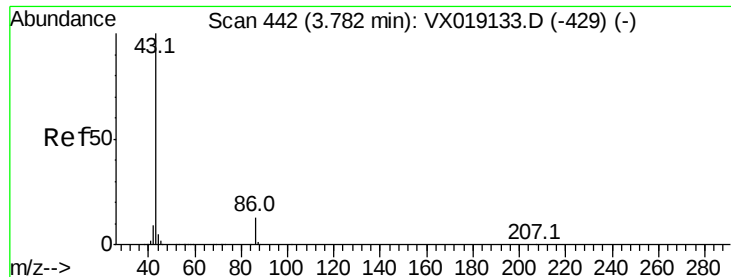
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 287.120 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

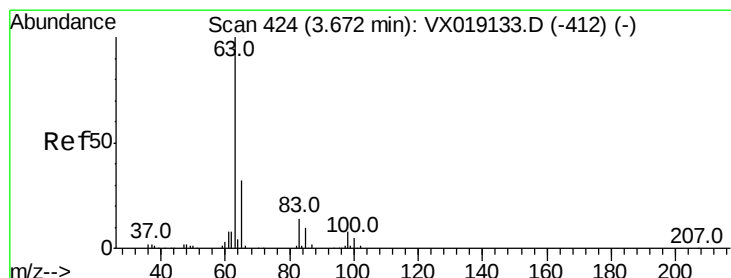
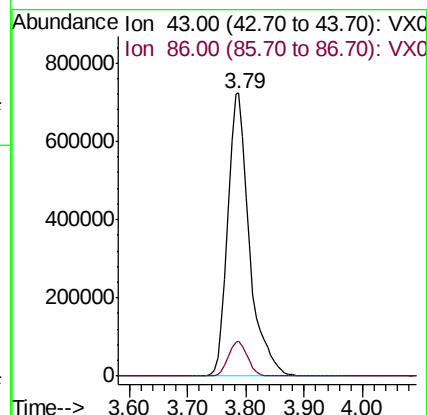
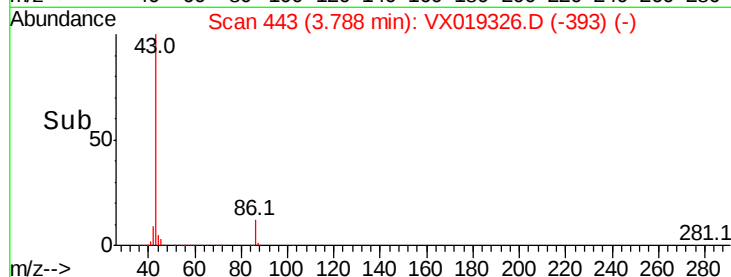
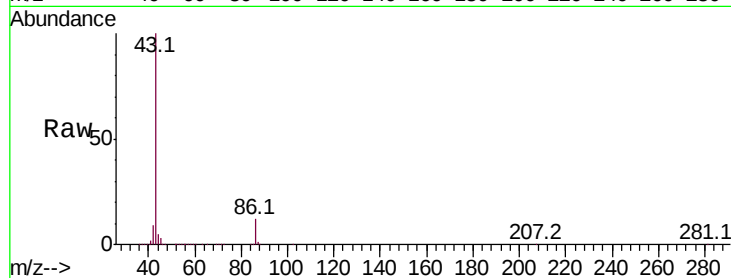
FA2O-MMW3414MSD

Tot Ion: 43 Resp: 1860091

Ion Ratio Lower Upper

43 100

86 12.3 10.4 15.6



#24

1,1-Dichloroethane

Concen: 57.578 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

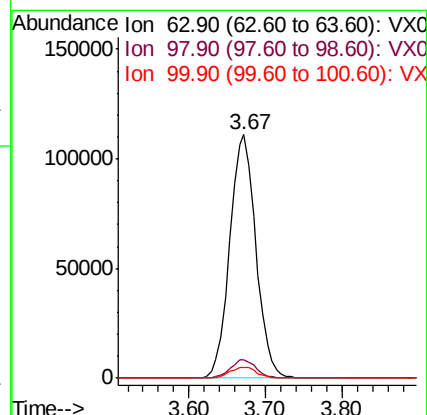
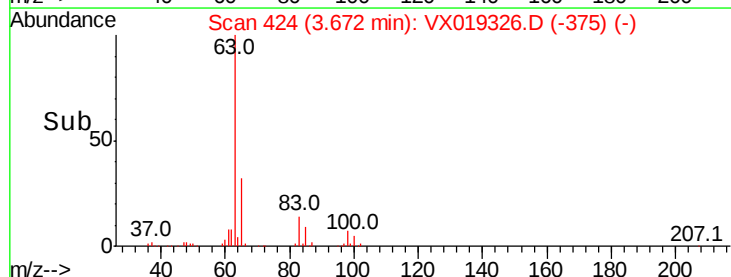
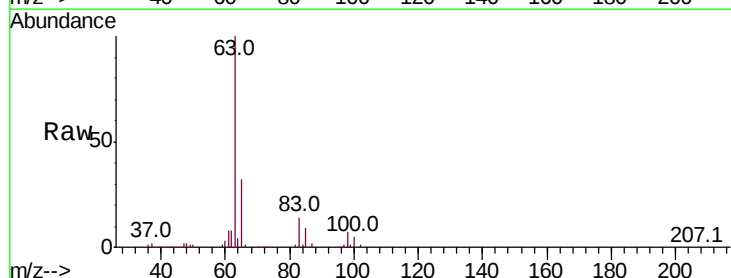
Tgt Ion: 63 Resp: 261166

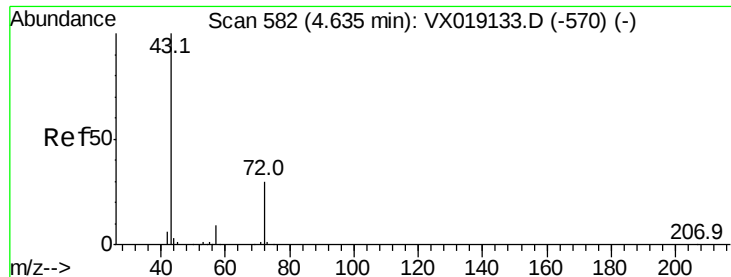
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 305.591 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

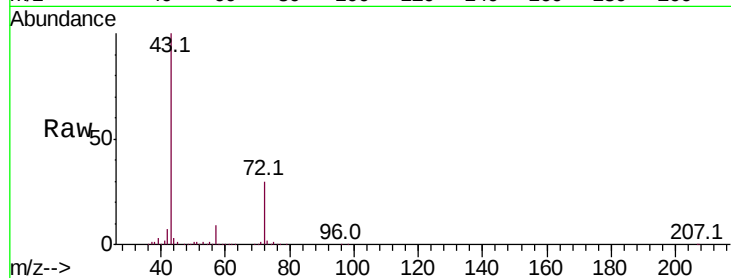
FA2O-MMW3414MSD

Tot Ion: 43 Resp: 531873

Ion Ratio Lower Upper

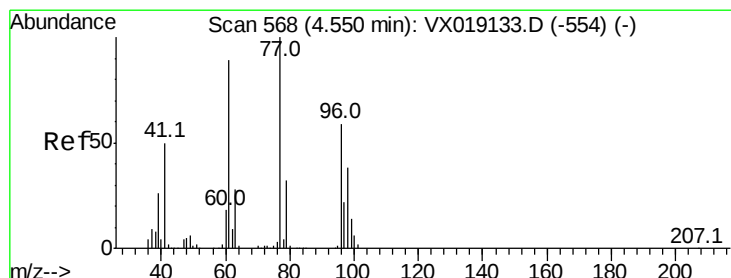
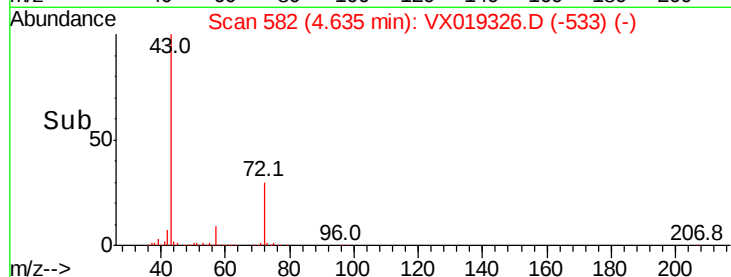
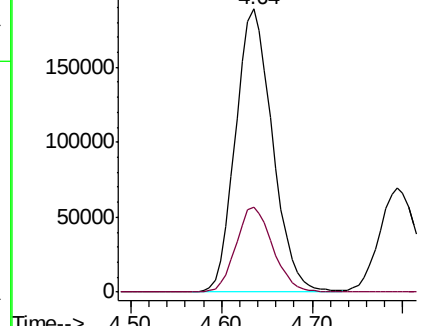
43 100

72 29.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.353 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019326.D

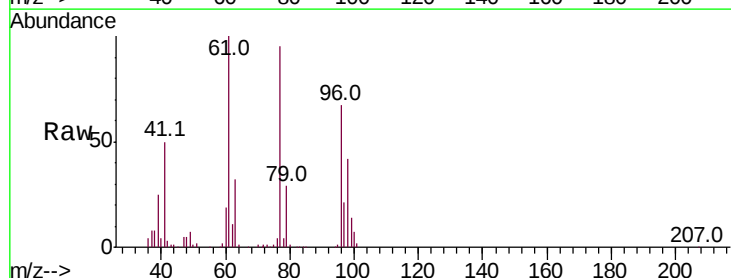
Acq: 05 Nov 2020 19:47

Tgt Ion: 77 Resp: 197655

Ion Ratio Lower Upper

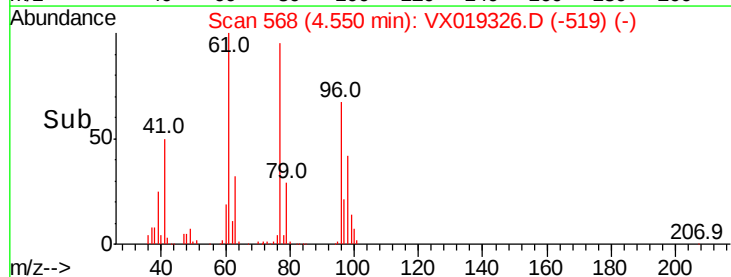
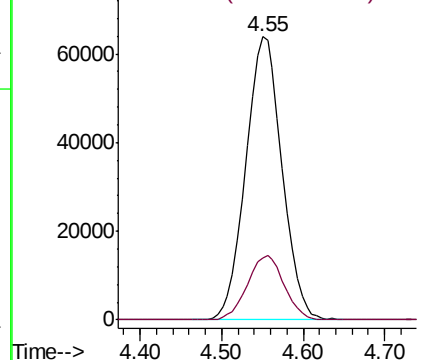
77 100

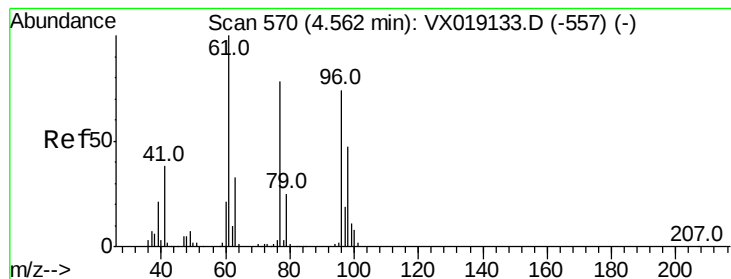
97 23.0 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



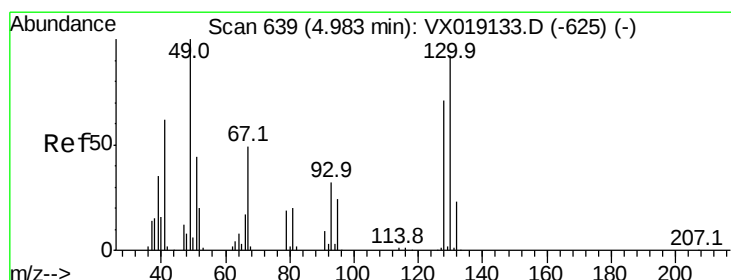
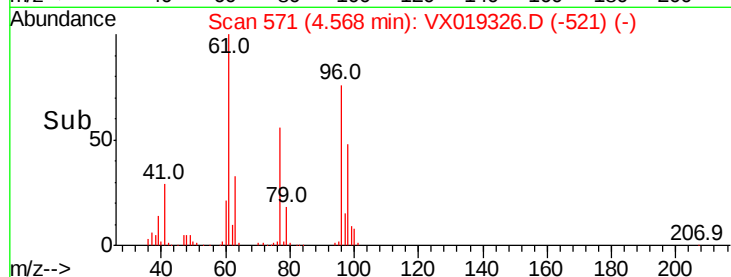
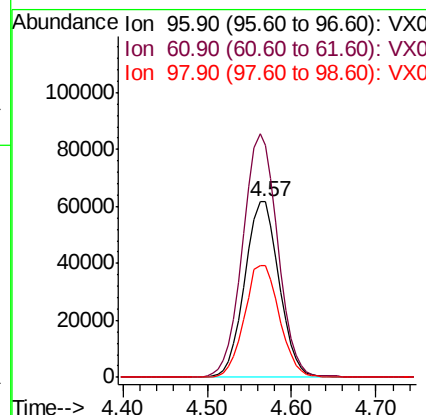
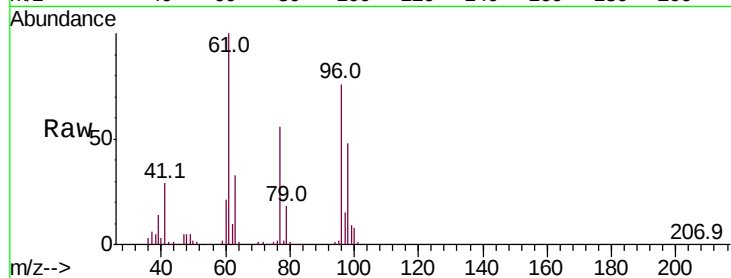


#27

cis-1,2-Dichloroethene
Concen: 55.217 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MSD

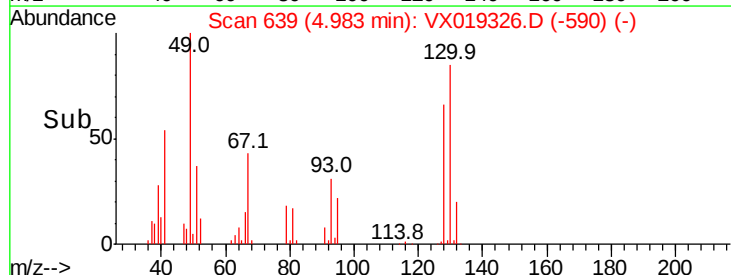
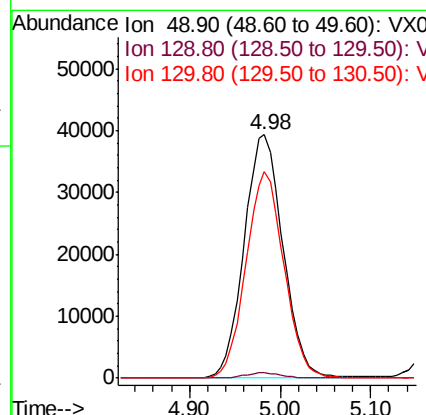
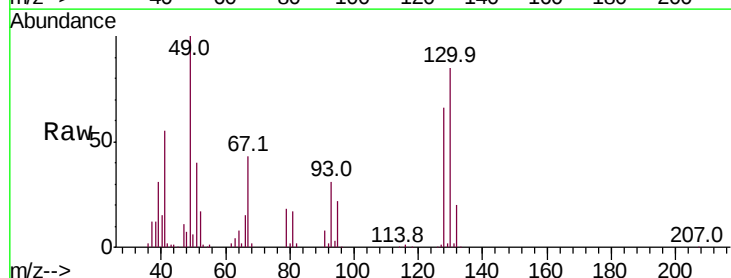
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.3	0.0	278.8
98	64.6	0.0	130.2

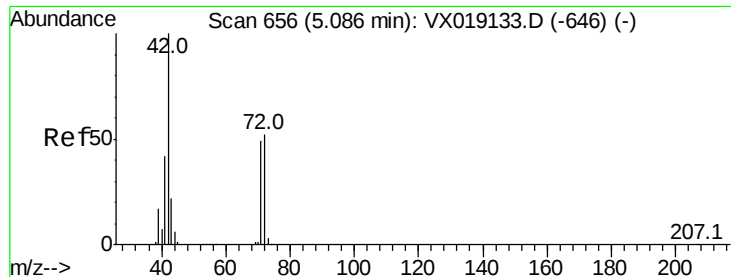


#28

Bromochloromethane
Concen: 56.627 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	82.9	71.3	106.9

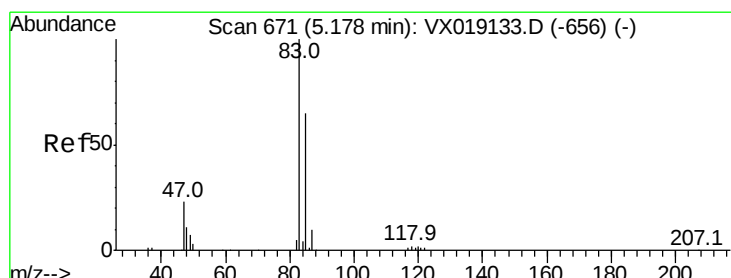
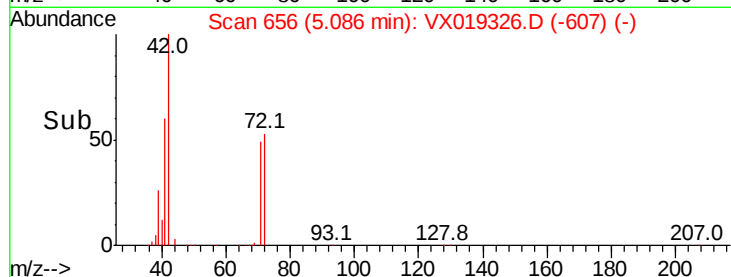
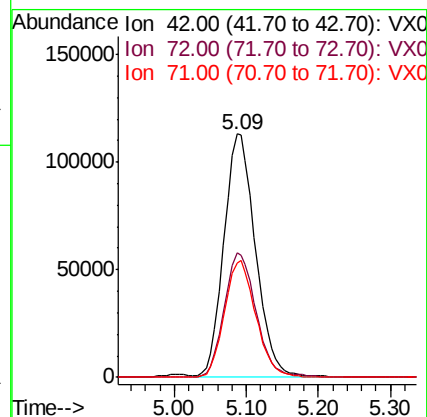
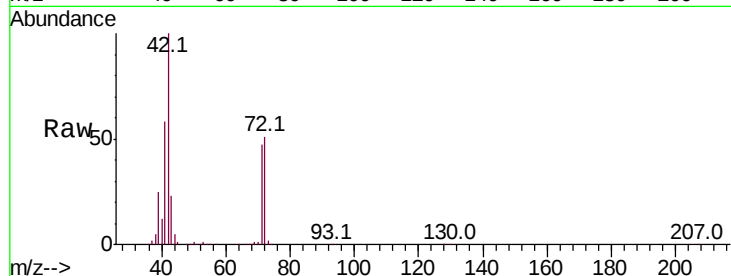




#29
Tetrahydrofuran
Concen: 314.120 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

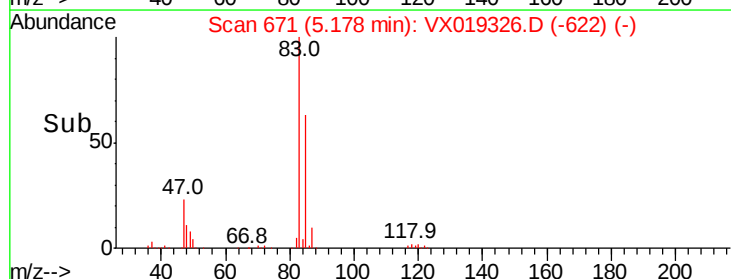
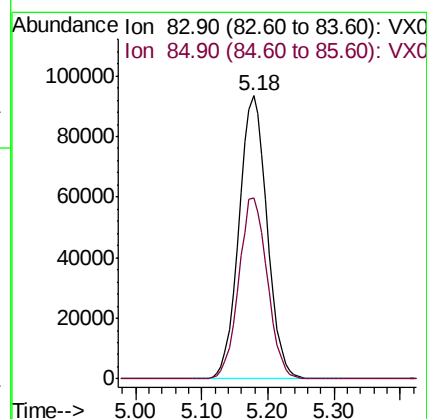
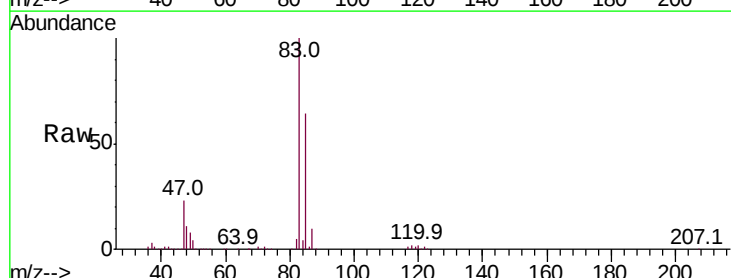
Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MSD

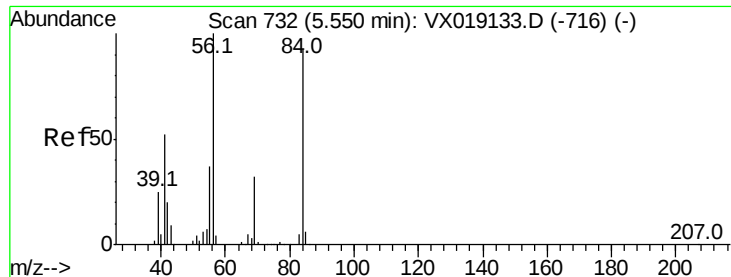
Tot Ion: 42 Resp: 344538
Ion Ratio Lower Upper
42 100
72 51.9 42.6 63.8
71 47.7 39.7 59.5



#30
Chloroform
Concen: 57.025 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

Tgt Ion: 83 Resp: 275319
Ion Ratio Lower Upper
83 100
85 64.0 51.9 77.9

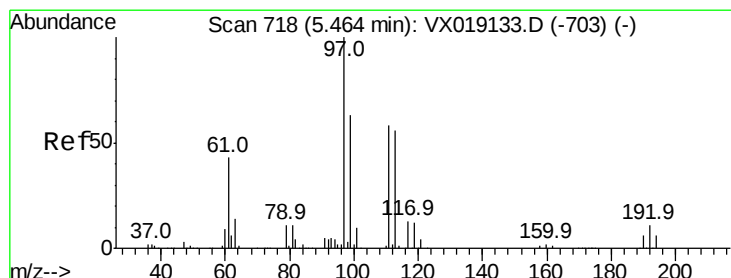
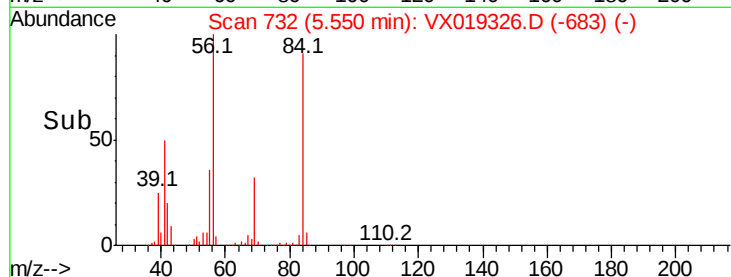
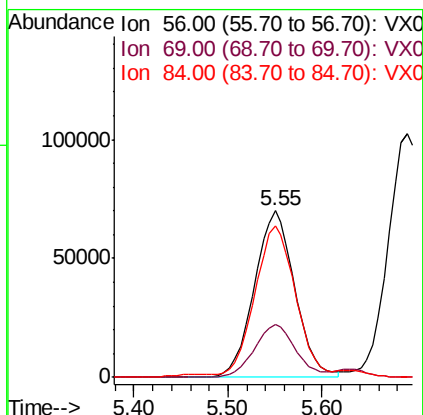
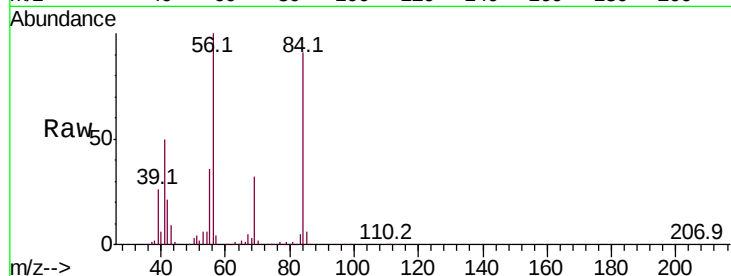




#31
Cyclohexane
Concen: 51.874 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

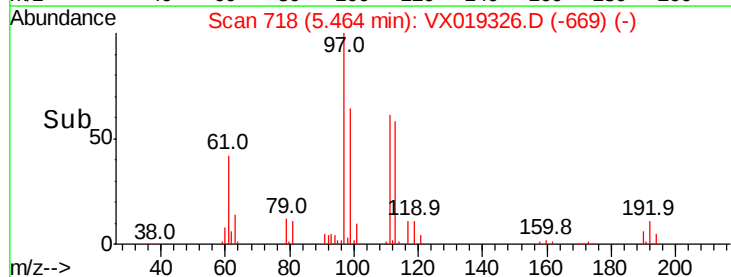
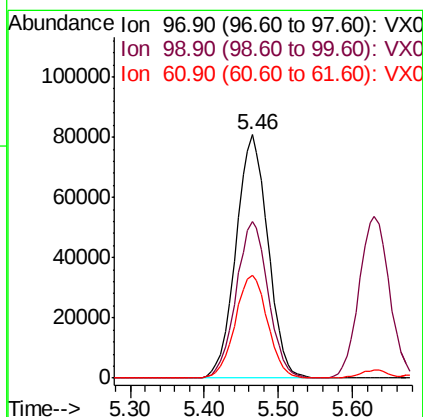
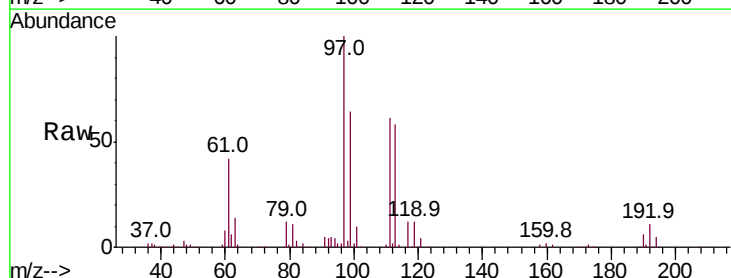
Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MSD

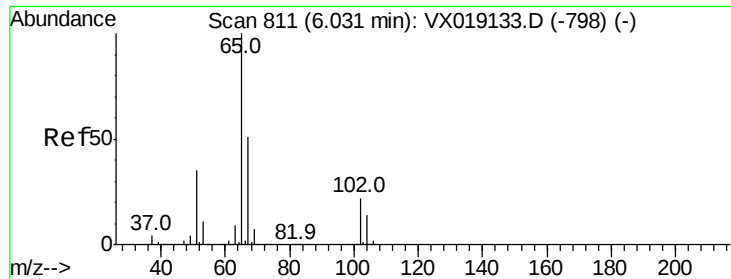
Tot Ion: 56 Resp: 209911
Ion Ratio Lower Upper
56 100
69 31.9 25.9 38.9
84 89.0 73.4 110.2



#32
1,1,1-Trichloroethane
Concen: 55.563 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

Tgt Ion: 97 Resp: 243213
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 43.1 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 53.243 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

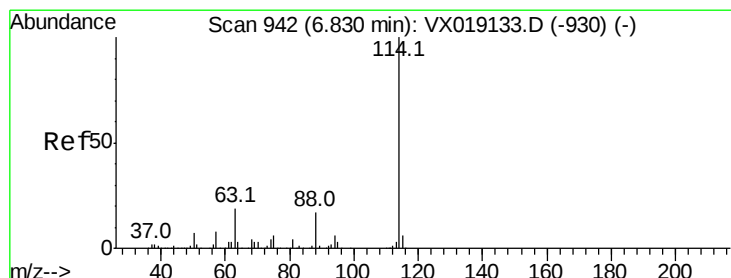
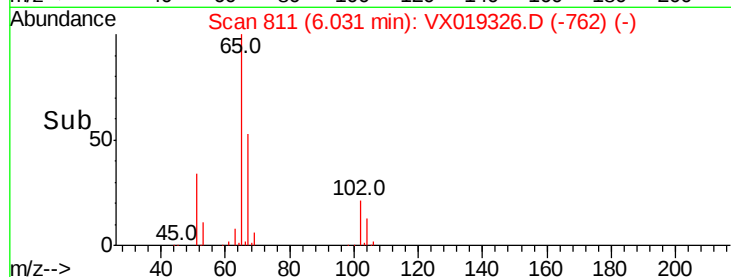
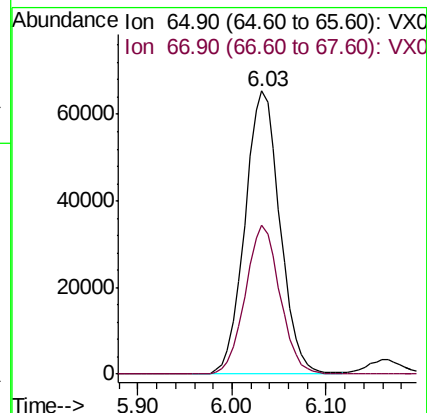
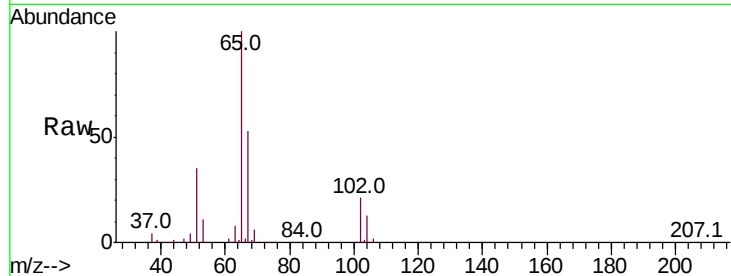
FA2O-MMW3414MSD

Tot Ion: 65 Resp: 170440

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

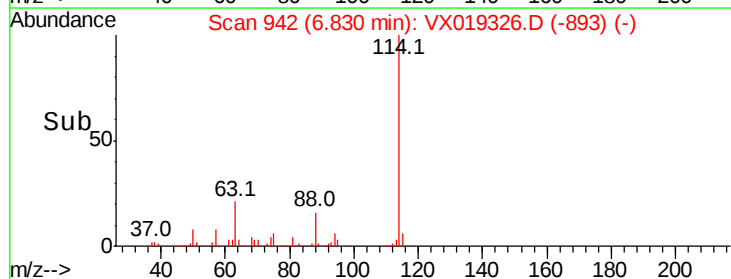
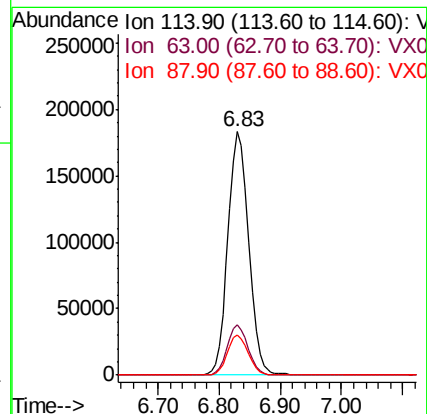
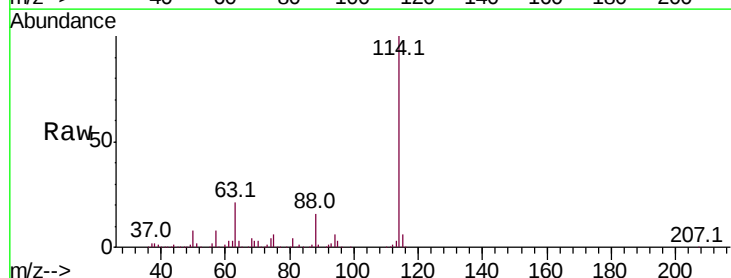
Tgt Ion: 114 Resp: 431564

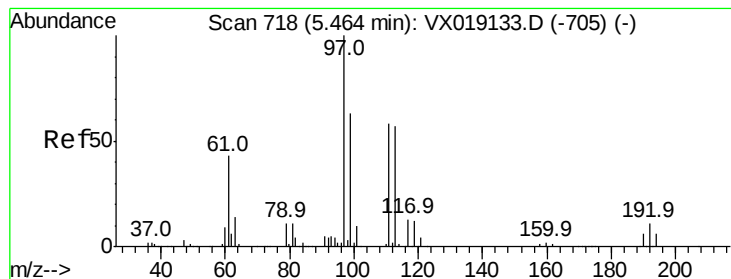
Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.8

88 16.2 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.884 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MSD

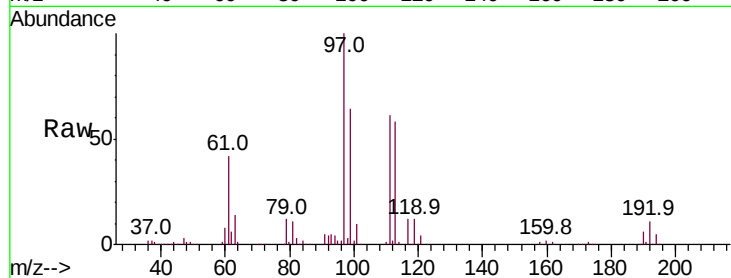
Tot Ion:113 Resp: 135225

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

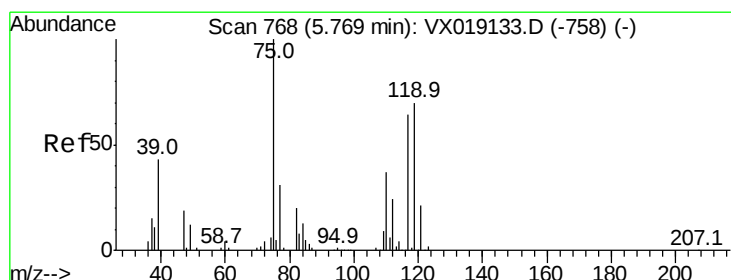
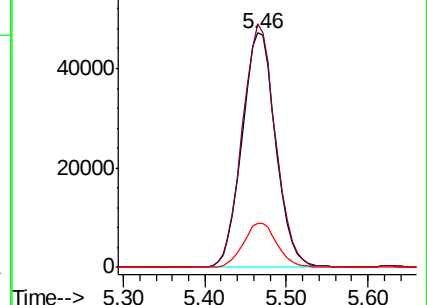
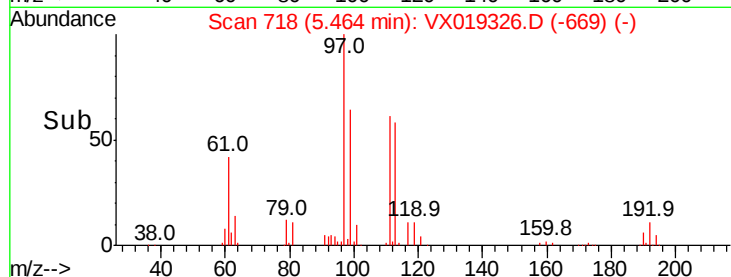
192 18.9 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.691 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

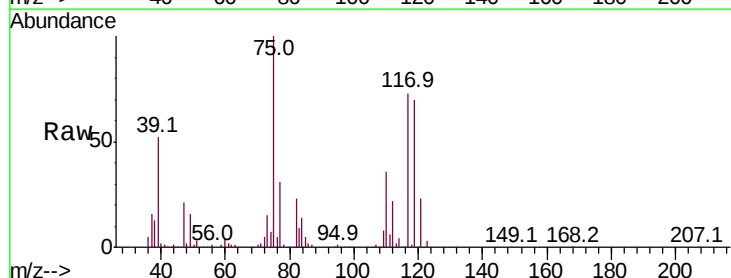
Tgt Ion: 75 Resp: 202013

Ion Ratio Lower Upper

75 100

110 35.9 18.3 54.9

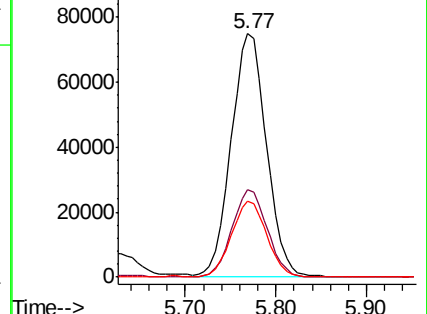
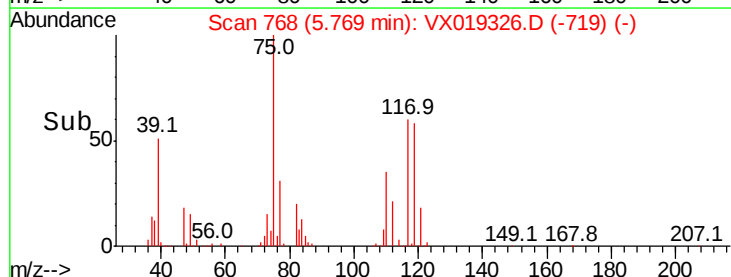
77 31.4 24.9 37.3

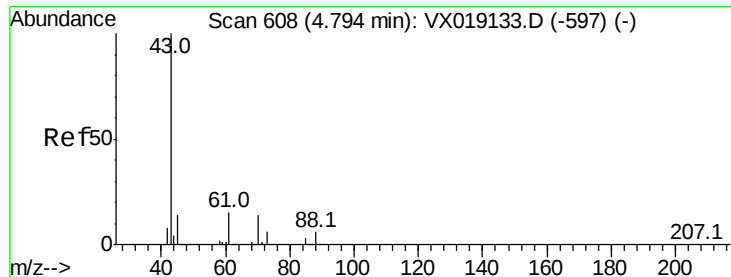


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

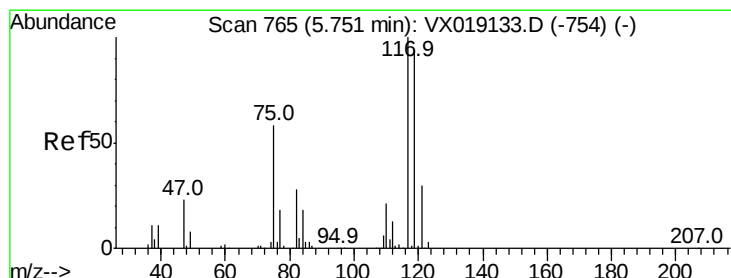
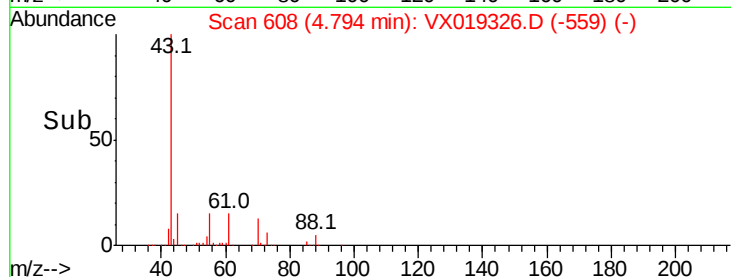
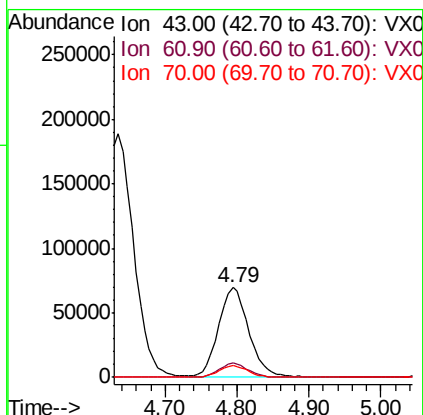
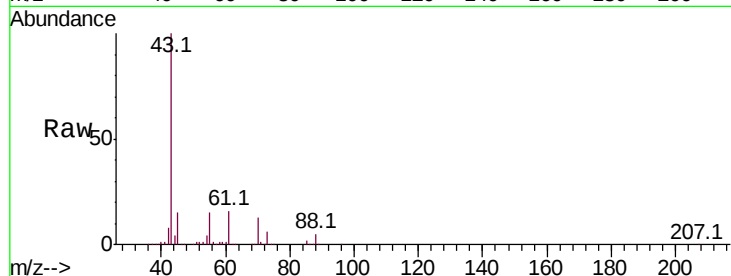




#37
Ethyl Acetate
Concen: 55.024 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

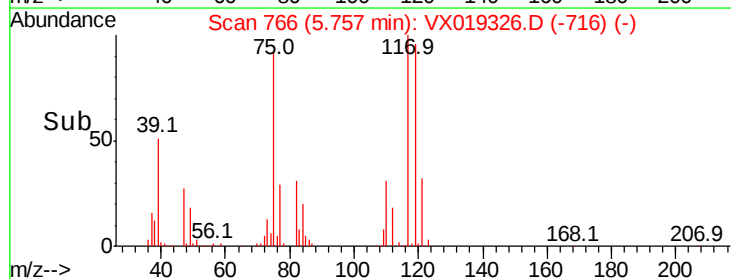
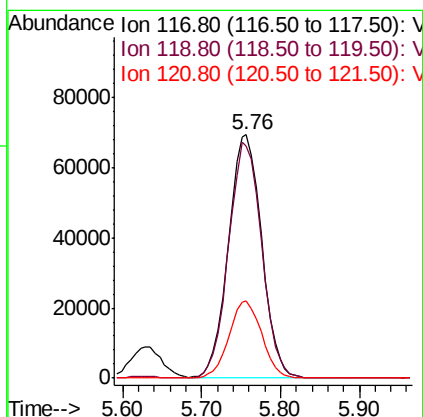
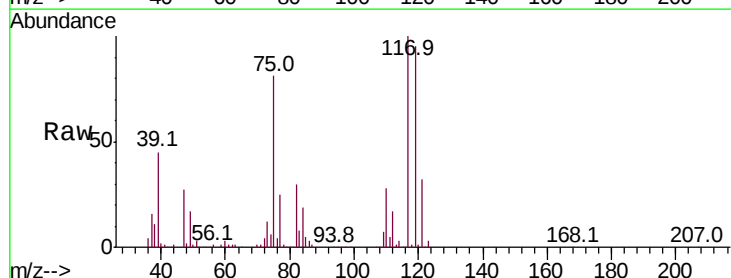
Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MSD

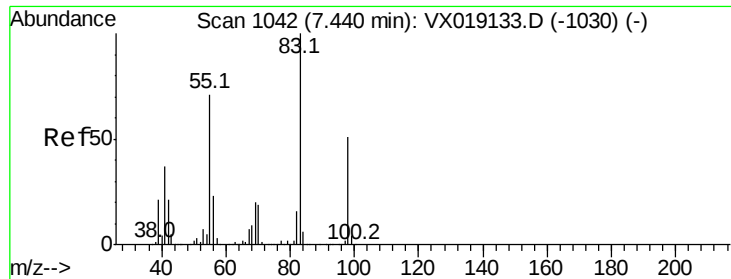
Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.5	18.7
70	12.8	10.5	15.7



#38
Carbon Tetrachloride
Concen: 50.222 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.0	112.6
121	31.7	23.9	35.9

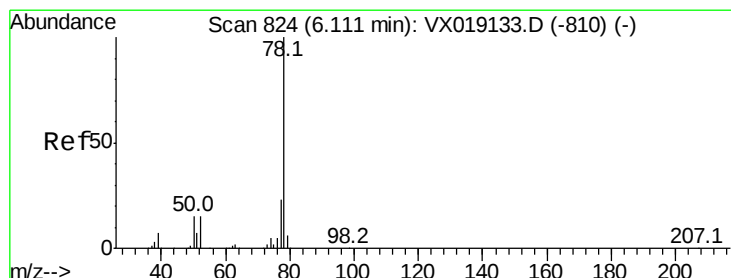
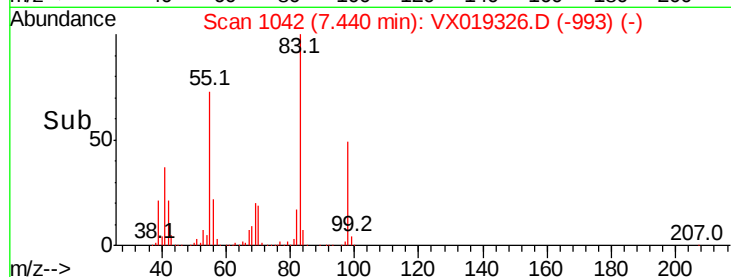
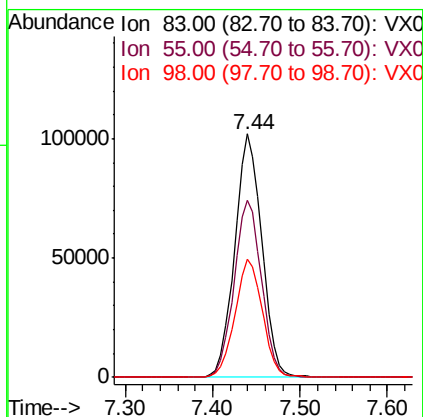
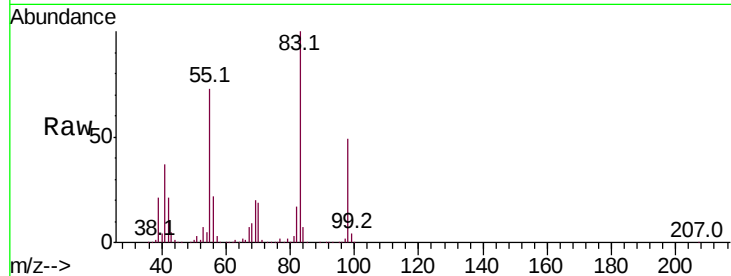




#39
Methvlcvclohexane
Concen: 46.056 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

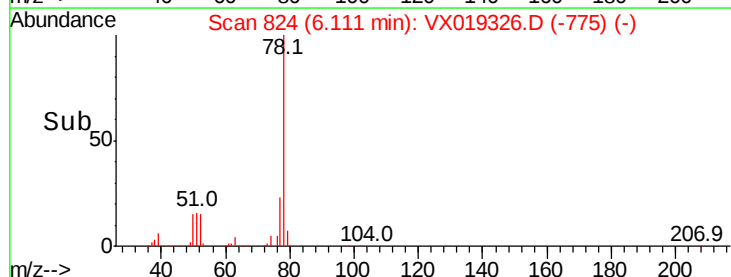
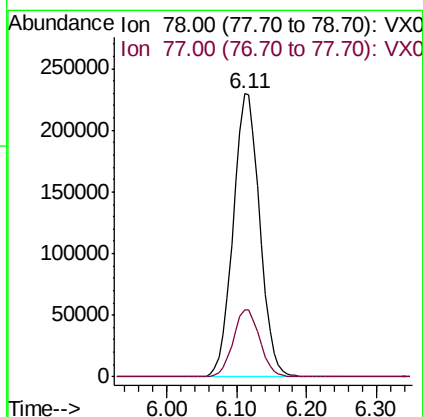
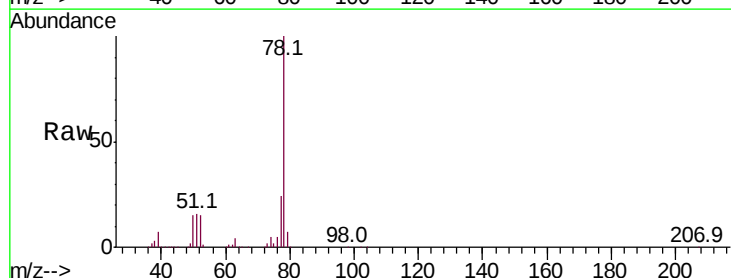
Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MSD

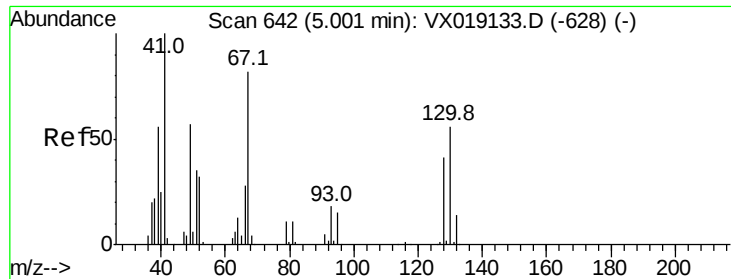
Tot Ion: 83 Resp: 219463
Ion Ratio Lower Upper
83 100
55 72.6 57.0 85.6
98 48.7 40.5 60.7



#40
Benzene
Concen: 53.567 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

Tgt Ion: 78 Resp: 605264
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1





#41

Methacrylonitrile

Concen: 56.259 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MSD

Tot Ion: 41 Resp: 112103

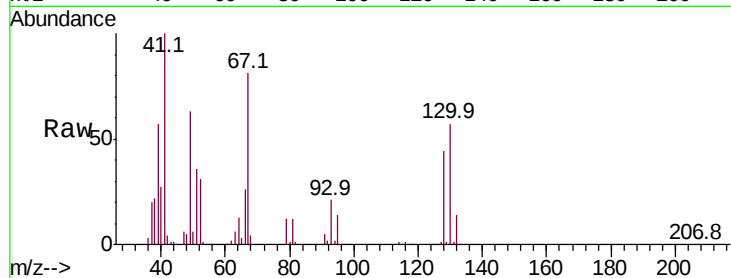
Ion Ratio Lower Upper

41 100

39 55.2 44.4 66.6

67 83.4 66.4 99.6

52 32.5 26.2 39.4

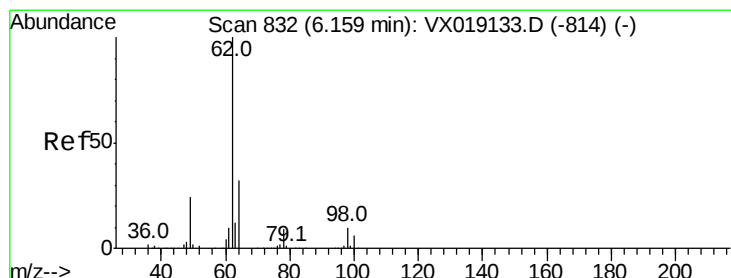
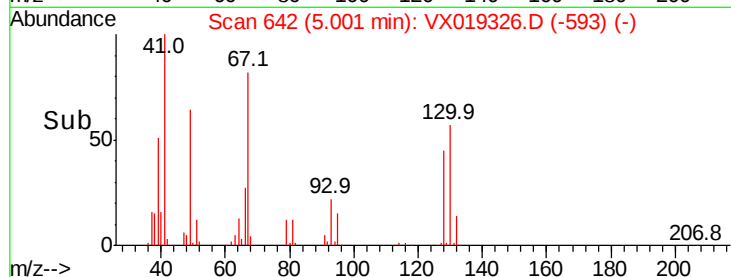
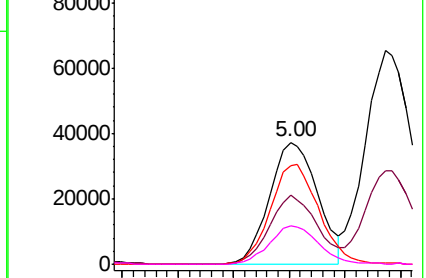


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.731 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019326.D

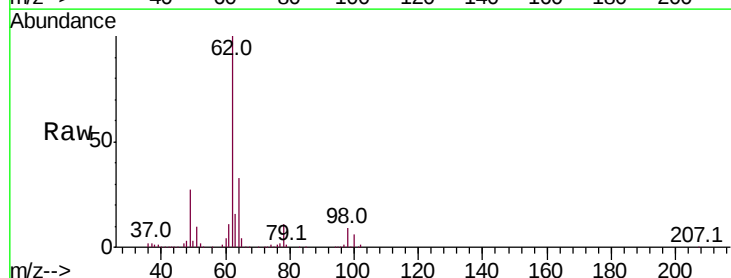
Acq: 05 Nov 2020 19:47

Tgt Ion: 62 Resp: 223751

Ion Ratio Lower Upper

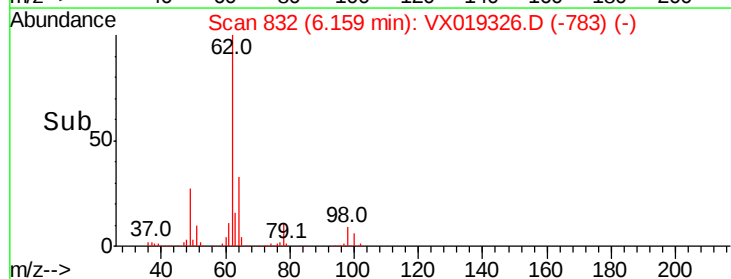
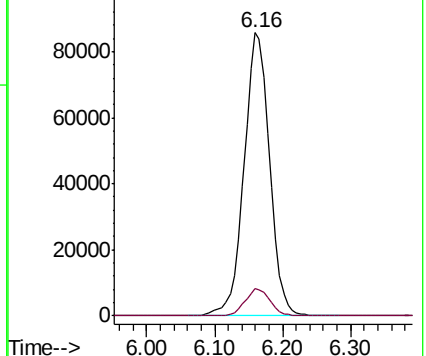
62 100

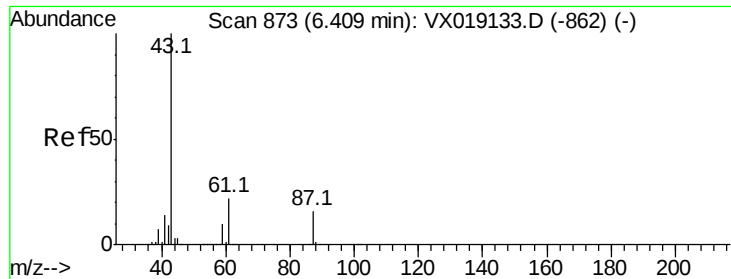
98 9.5 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

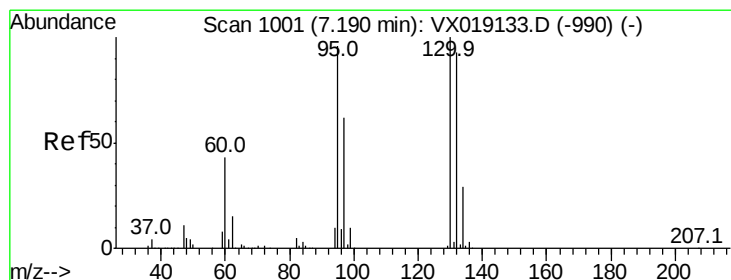
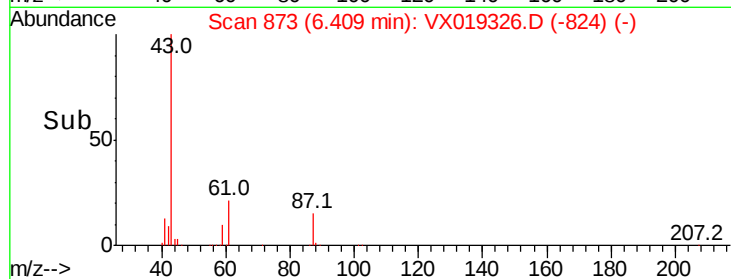
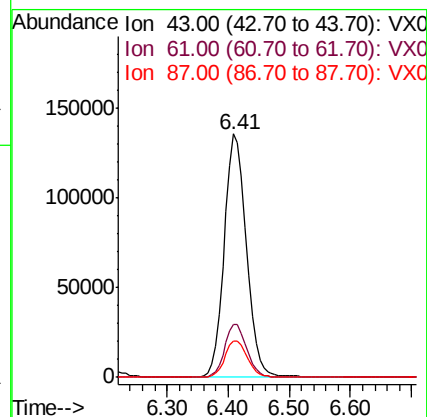
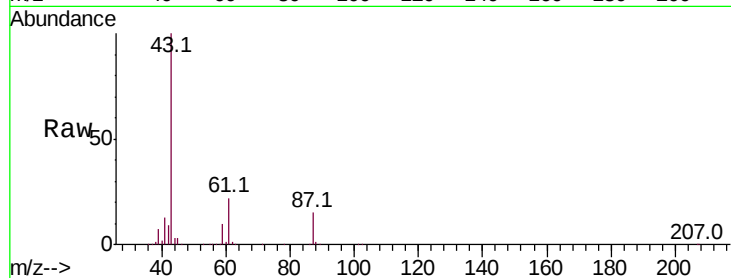




#43
Isopropyl Acetate
Concen: 54.941 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

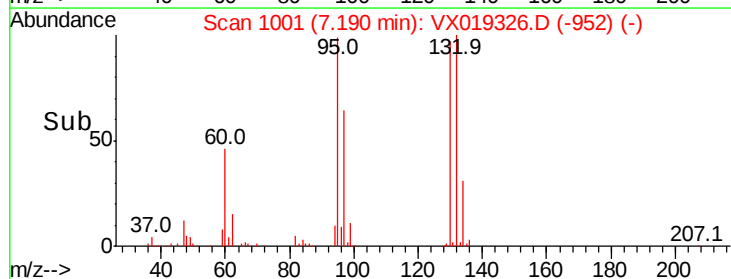
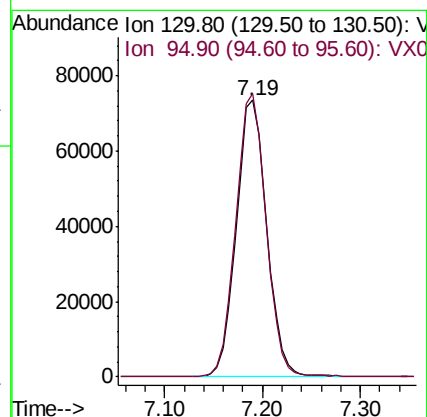
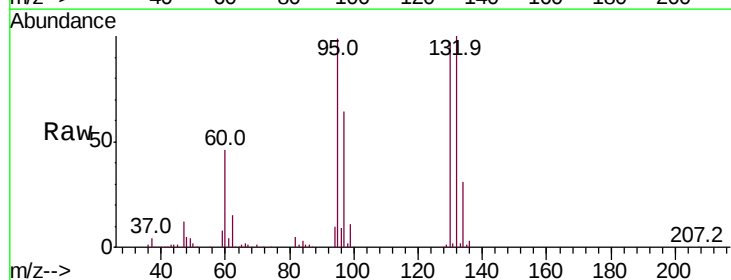
Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MSD

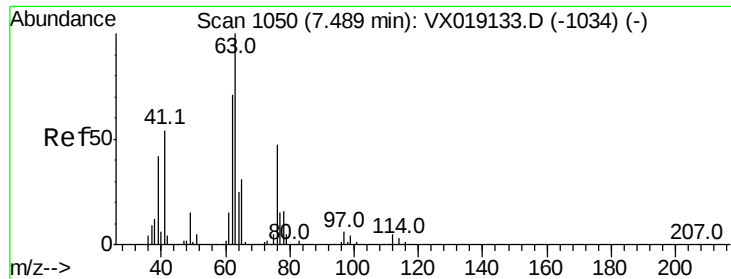
Tot Ion: 43 Resp: 340390
Ion Ratio Lower Upper
43 100
61 21.9 17.8 26.6
87 15.3 12.6 19.0



#44
Trichloroethene
Concen: 49.076 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

Tgt Ion:130 Resp: 158810
Ion Ratio Lower Upper
130 100
95 102.4 0.0 192.0





#45

1,2-Dichloropropane

Concen: 55.286 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

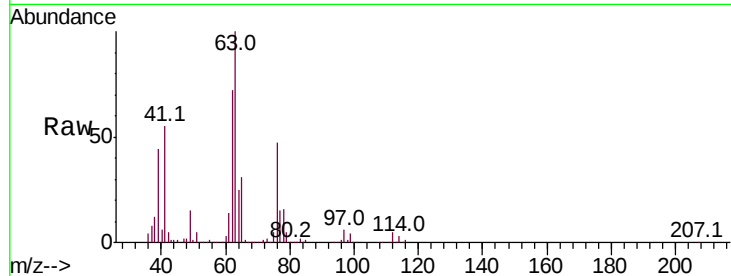
FA2O-MMW3414MSD

Tot Ion: 63 Resp: 153009

Ion Ratio Lower Upper

63 100

65 30.6 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

80000

60000

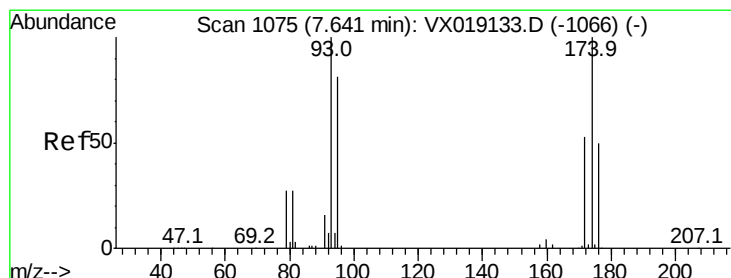
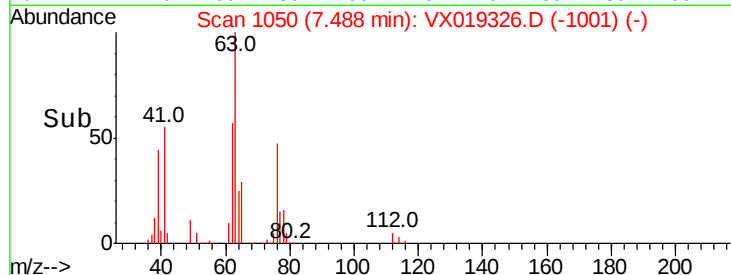
40000

20000

0

7.30 7.40 7.50 7.60 7.70

Time-->



#46

Dibromomethane

Concen: 52.939 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

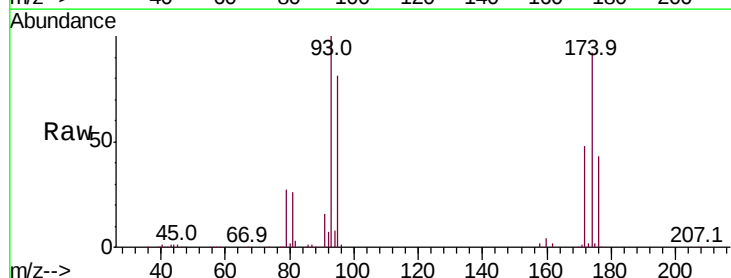
Tgt Ion: 93 Resp: 108340

Ion Ratio Lower Upper

93 100

95 81.8 67.0 100.6

174 97.1 81.7 122.5



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

7.63

60000

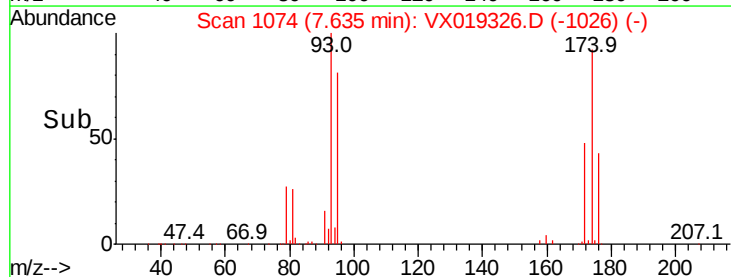
40000

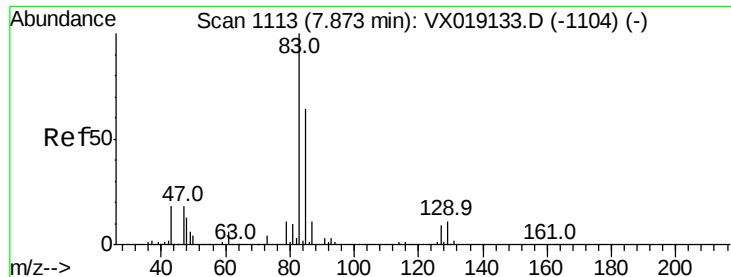
20000

0

7.50 7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 53.753 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MSD

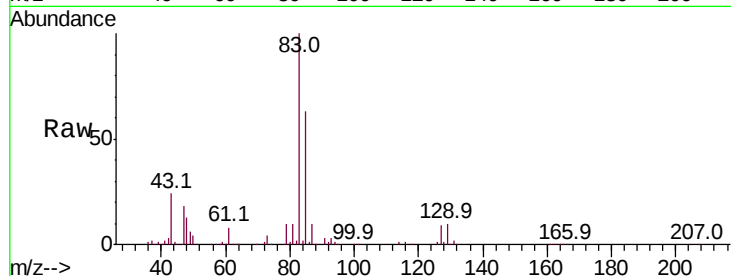
Tot Ion: 83 Resp: 216831

Ion Ratio Lower Upper

83 100

85 63.2 51.2 76.8

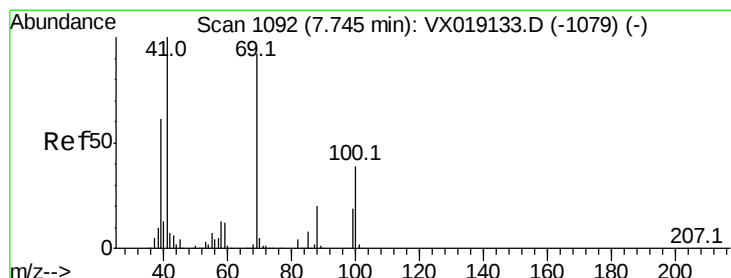
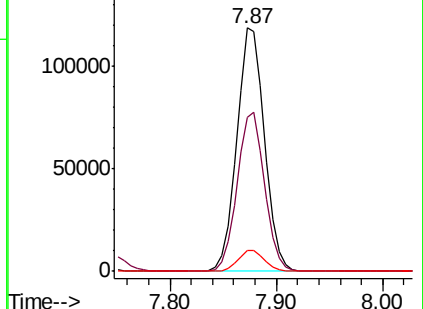
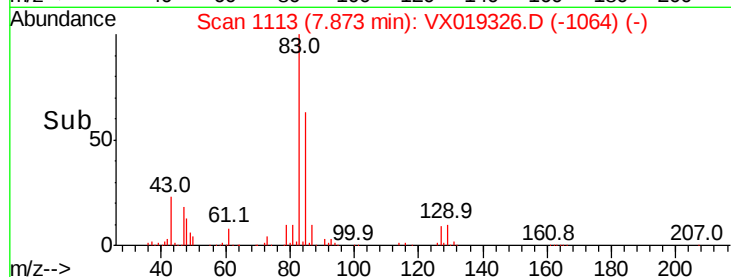
127 8.6 7.1 10.7



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: 57.419 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

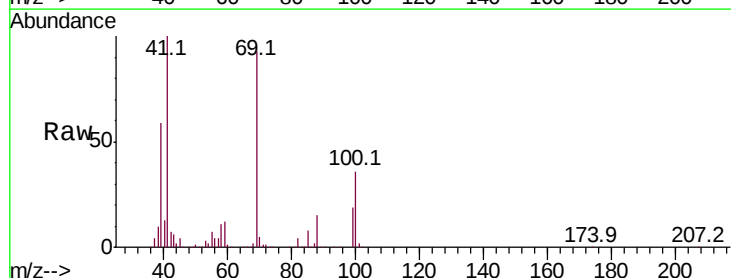
Tgt Ion: 41 Resp: 171224

Ion Ratio Lower Upper

41 100

69 92.4 75.5 113.3

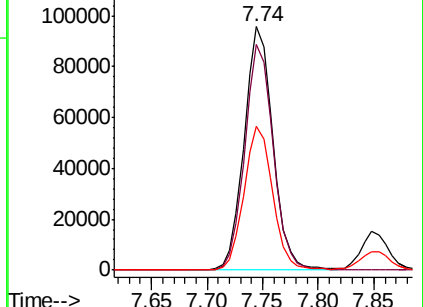
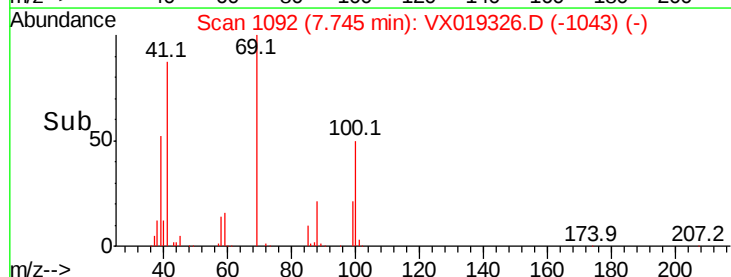
39 58.9 48.9 73.3

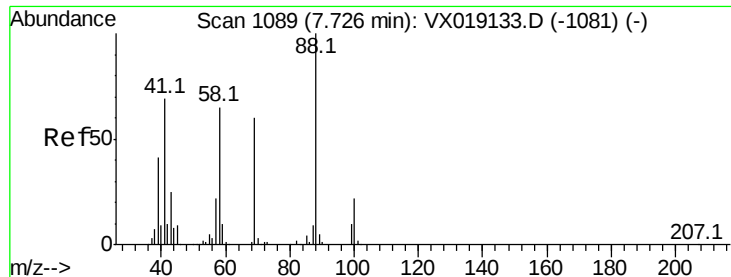


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1141.032 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MSD

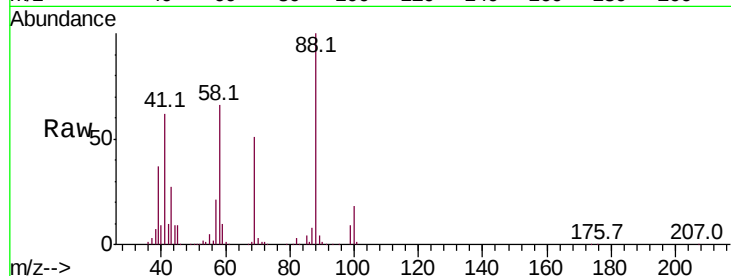
Tot Ion: 88 Resp: 75669

Ion Ratio Lower Upper

88 100

43 29.0 23.0 34.6

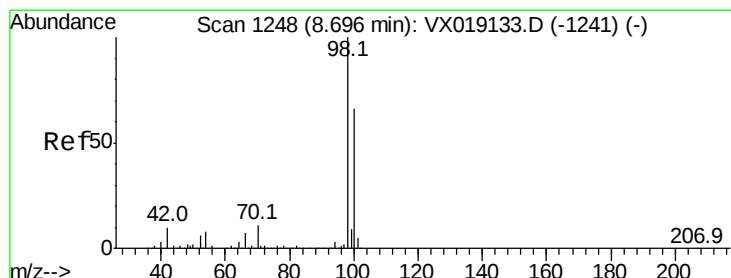
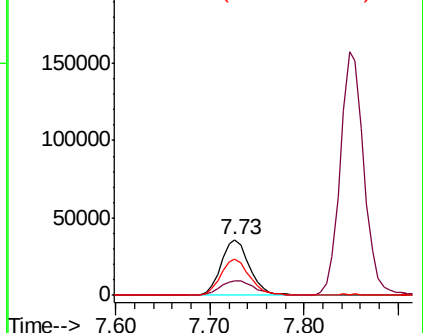
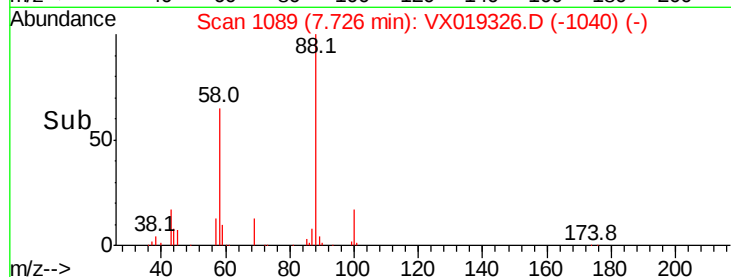
58 66.7 52.2 78.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.245 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019326.D

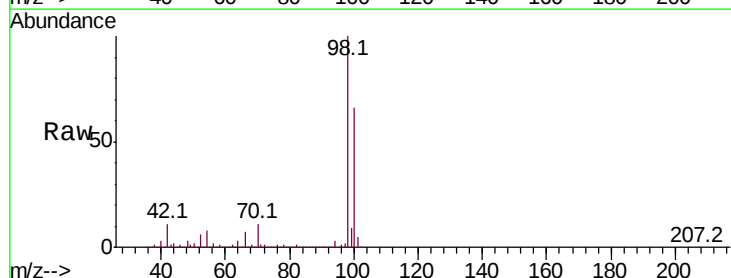
Acq: 05 Nov 2020 19:47

Tgt Ion: 98 Resp: 503228

Ion Ratio Lower Upper

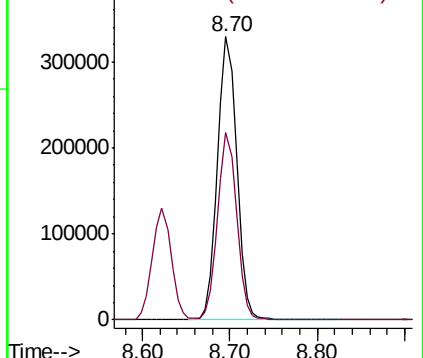
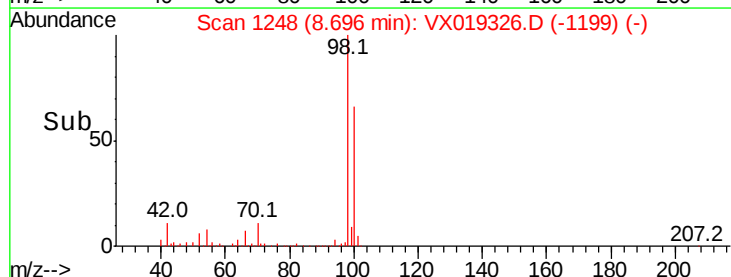
98 100

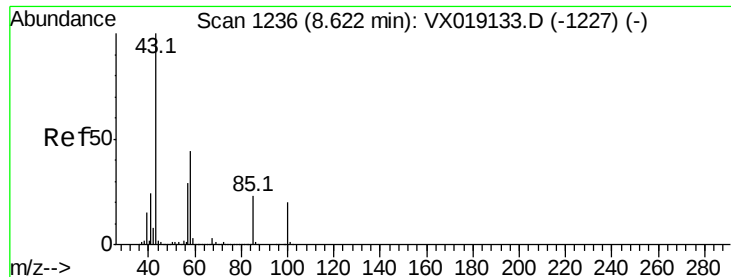
100 65.6 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 295.203 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

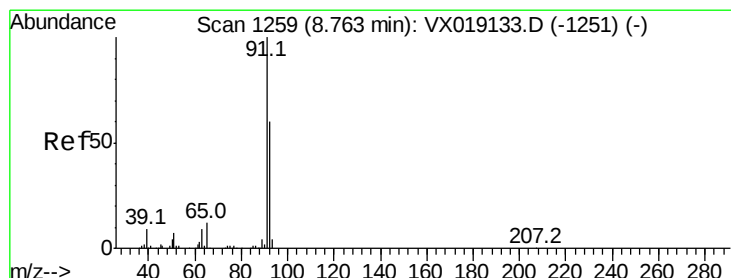
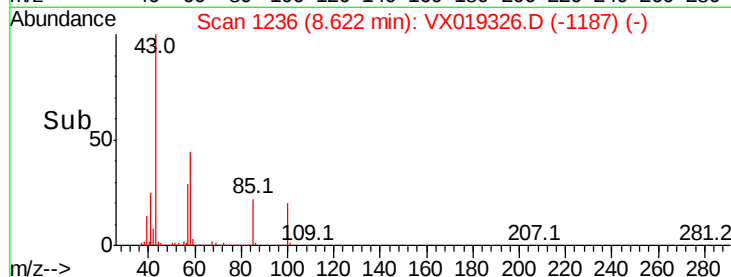
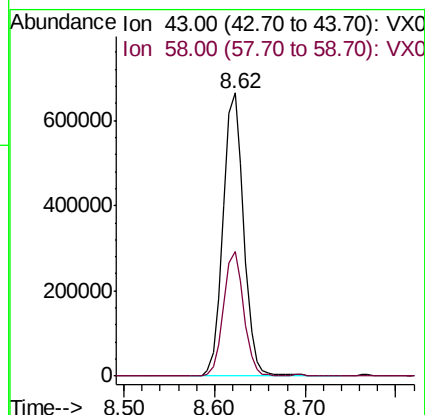
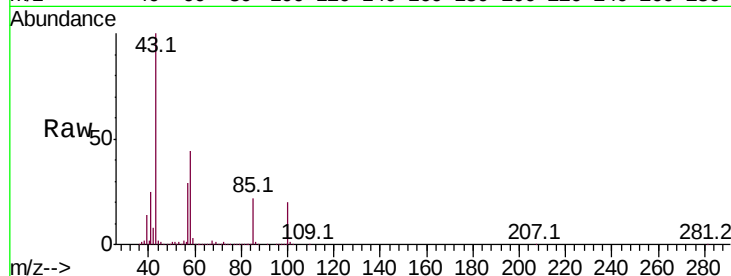
FA2O-MMW3414MSD

Tot Ion: 43 Resp: 1051193

Ion Ratio Lower Upper

43 100

58 43.4 35.0 52.4



#52

Toluene

Concen: 53.014 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX019326.D

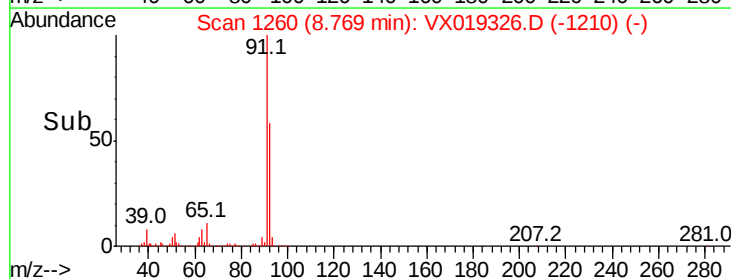
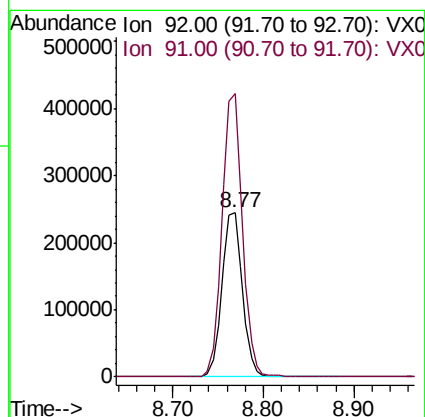
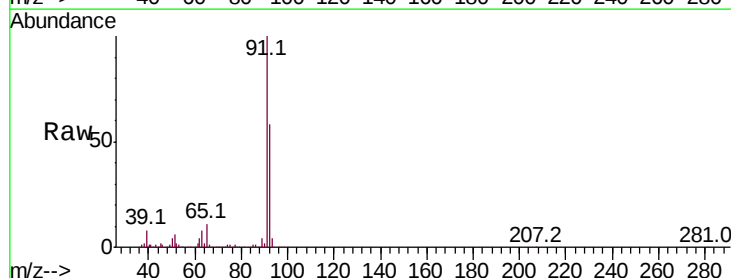
Acq: 05 Nov 2020 19:47

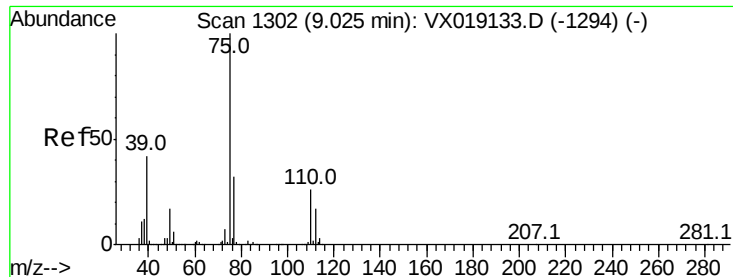
Tgt Ion: 92 Resp: 385803

Ion Ratio Lower Upper

92 100

91 171.5 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 51.669 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

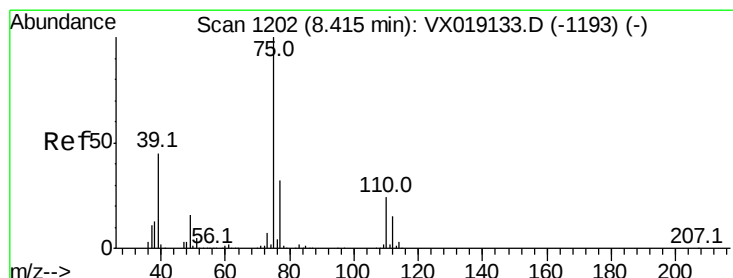
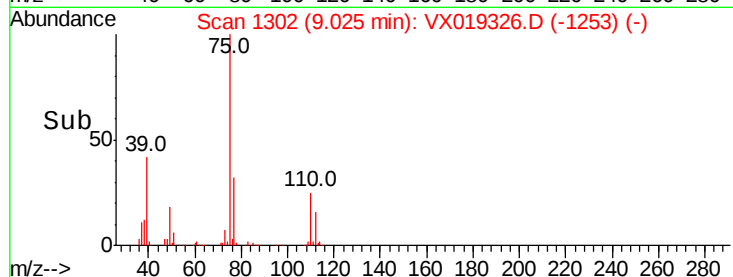
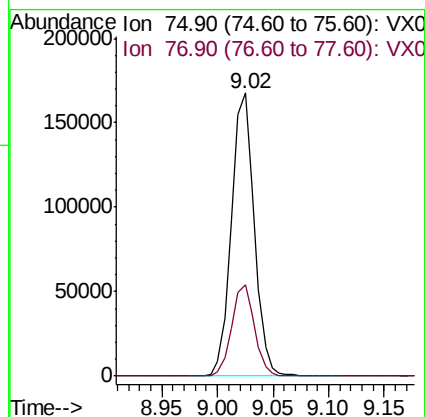
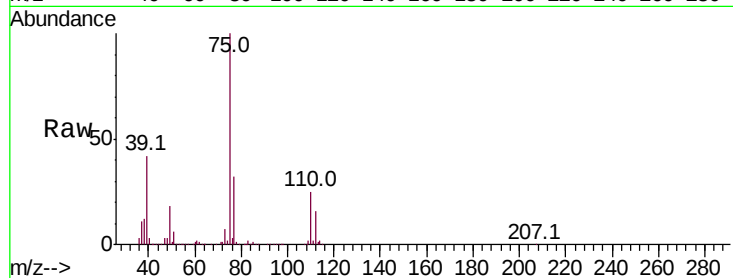
FA2O-MMW3414MSD

Tot Ion: 75 Resp: 238059

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.627 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

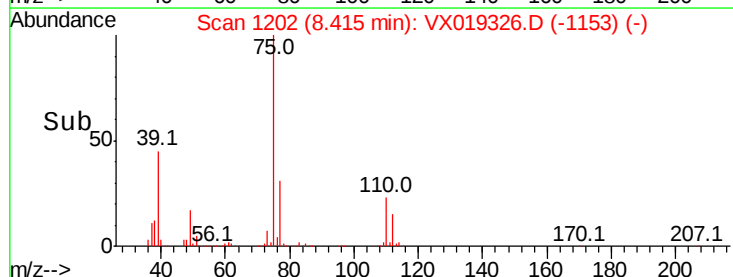
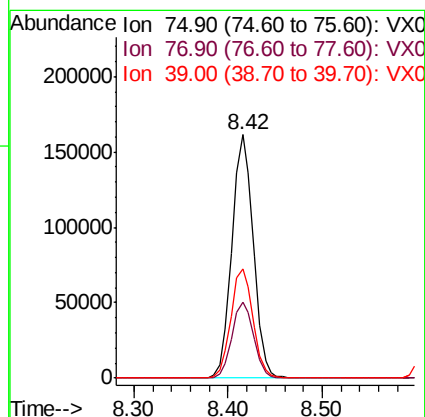
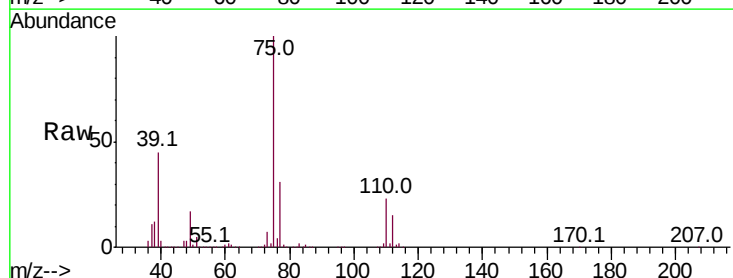
Tgt Ion: 75 Resp: 254974

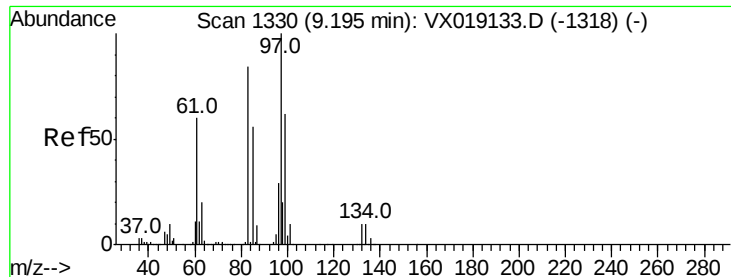
Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3

39 44.6 36.2 54.2

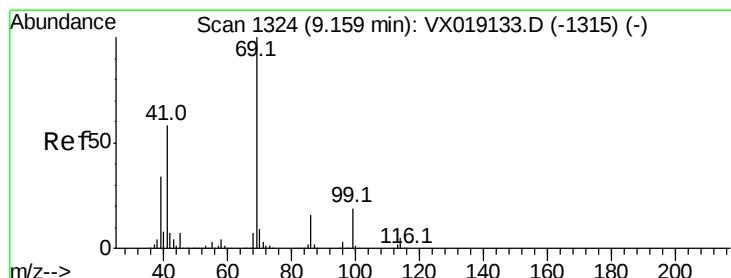
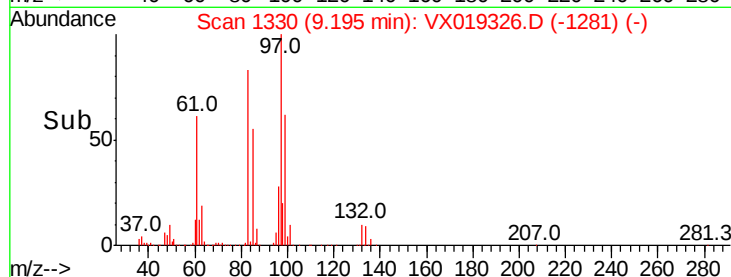
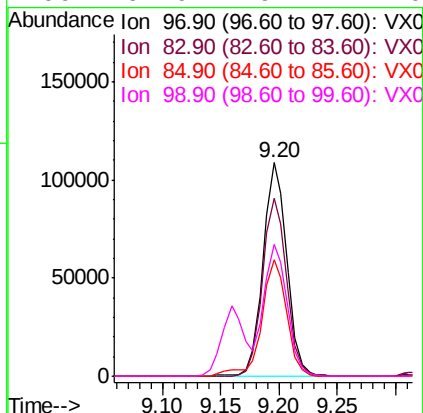
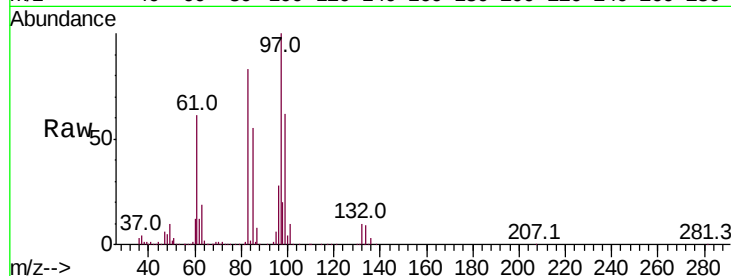




#55
 1,1,2-Trichloroethane
 Concen: 54.103 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019326.D
 Acq: 05 Nov 2020 19:47

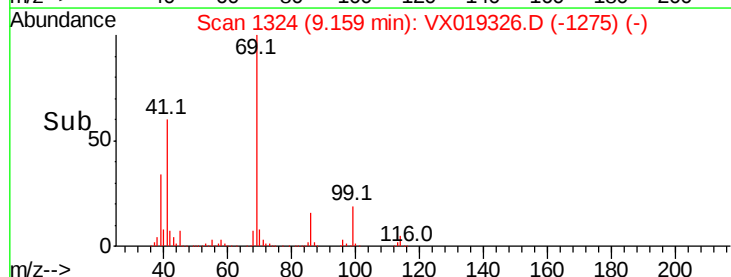
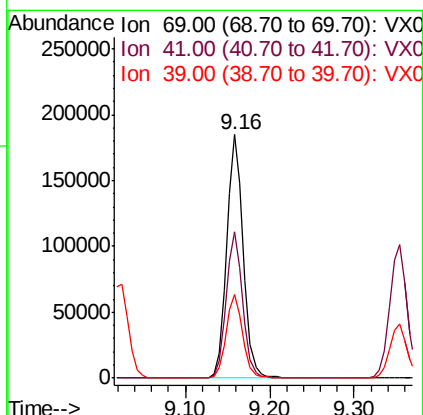
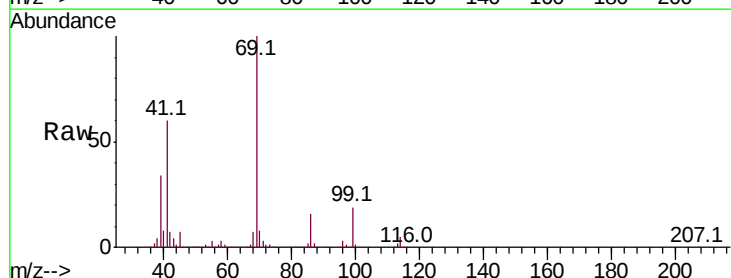
Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MSD

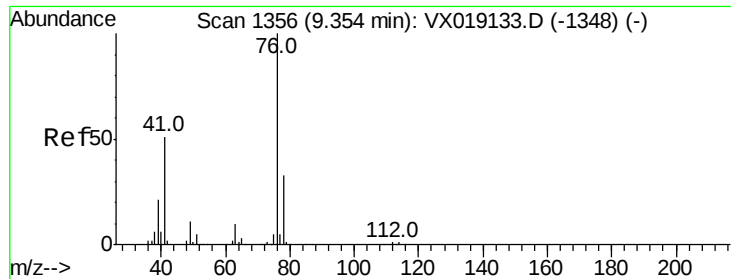
Tot Ion:	97	Resp:	155567
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.2	100.8
85	54.6	44.6	67.0
99	61.9	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 57.181 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019326.D
 Acq: 05 Nov 2020 19:47

Tgt Ion:	69	Resp:	248346
Ion	Ratio	Lower	Upper
69	100		
41	60.0	46.5	69.7
39	34.4	27.6	41.4





#57

1,3-Dichloropropane

Concen: 54.186 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

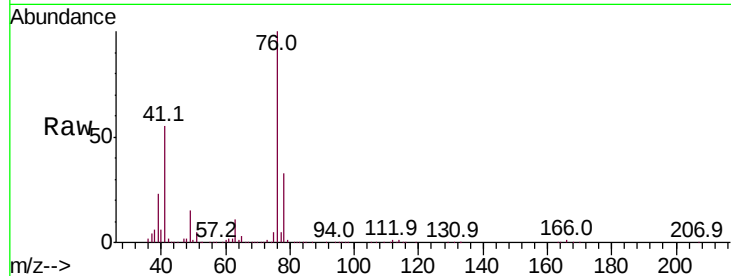
FA2O-MMW3414MSD

Tot Ion: 76 Resp: 262686

Ion Ratio Lower Upper

76 100

78 32.7 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

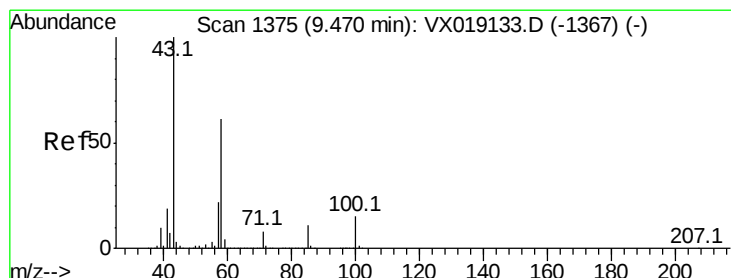
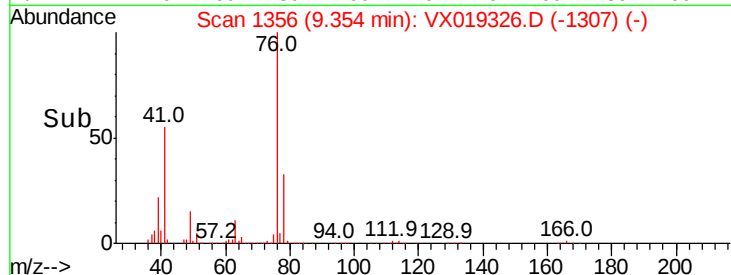
100000

50000

0

9.30 9.40 9.50

Time-->



#59

2-Hexanone

Concen: 297.092 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.01 min

Lab File: VX019326.D

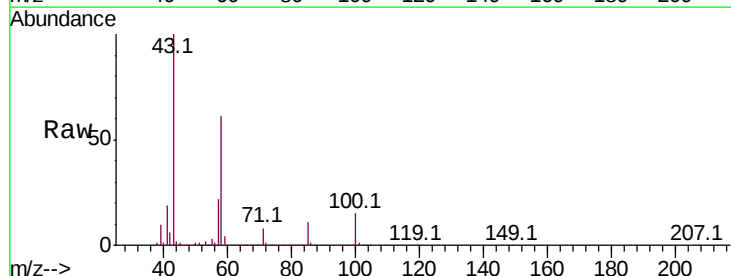
Acq: 05 Nov 2020 19:47

Tgt Ion: 43 Resp: 805298

Ion Ratio Lower Upper

43 100

58 60.3 30.5 91.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

600000

500000

400000

300000

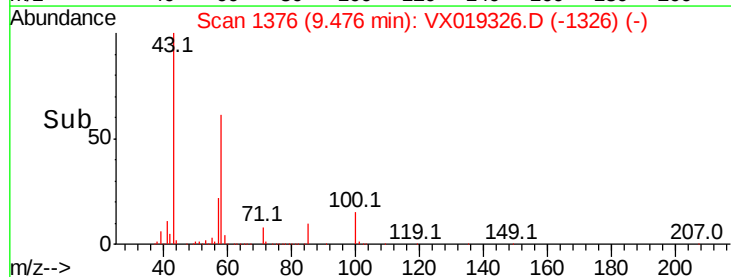
200000

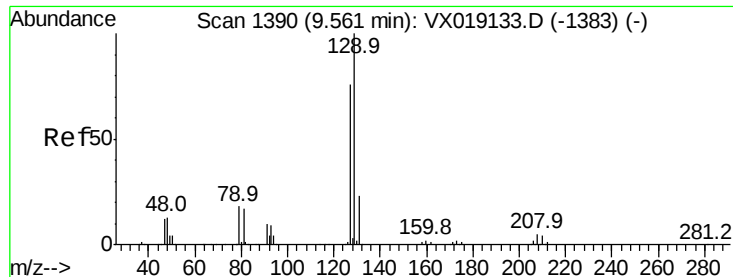
100000

0

9.40 9.45 9.50 9.55

Time-->





#60

Dibromochloromethane

Concen: 52.989 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

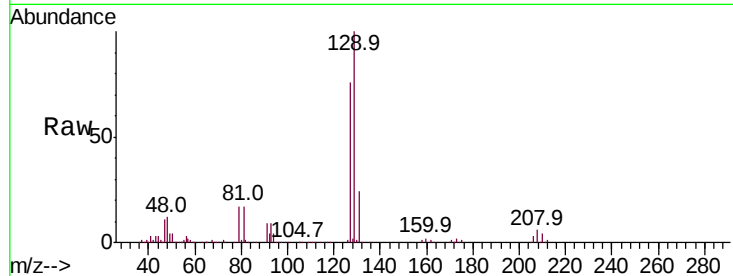
FA2O-MMW3414MSD

Tot Ion:129 Resp: 165356

Ion Ratio Lower Upper

129 100

127 77.1 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

120000

100000

80000

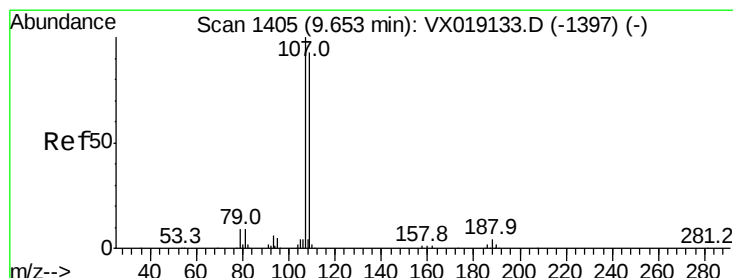
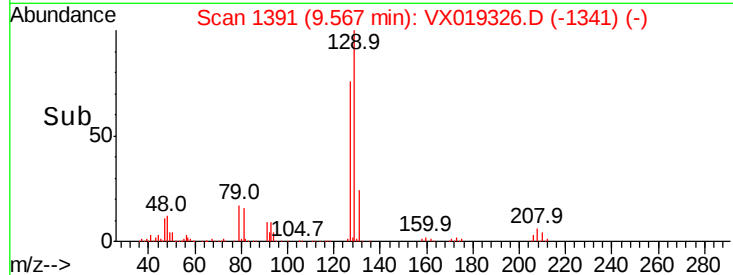
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 53.787 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019326.D

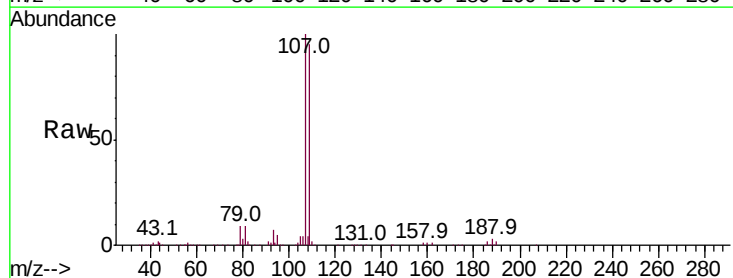
Acq: 05 Nov 2020 19:47

Tgt Ion:107 Resp: 165386

Ion Ratio Lower Upper

107 100

109 93.8 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

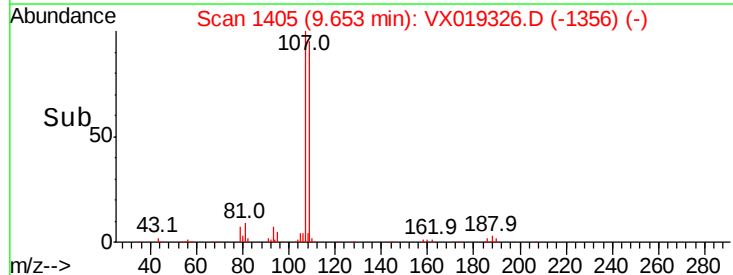
9.65

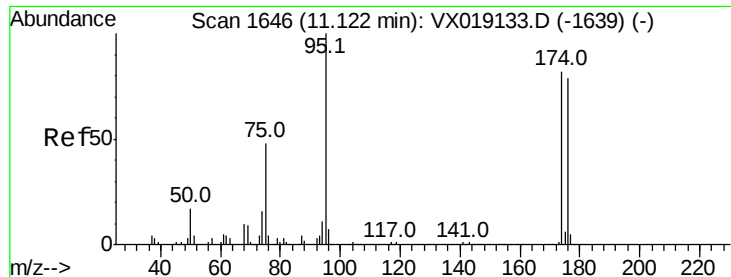
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 50.320 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MSD

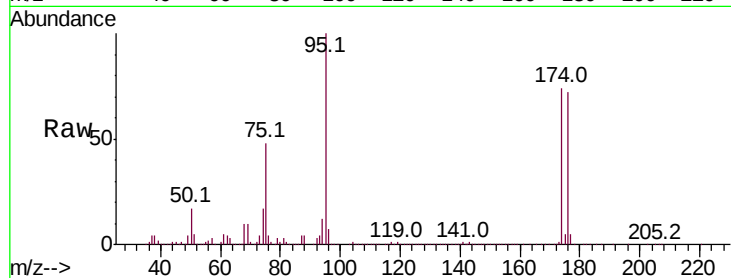
Tot Ion: 95 Resp: 194735

Ion Ratio Lower Upper

95 100

174 74.6 0.0 156.0

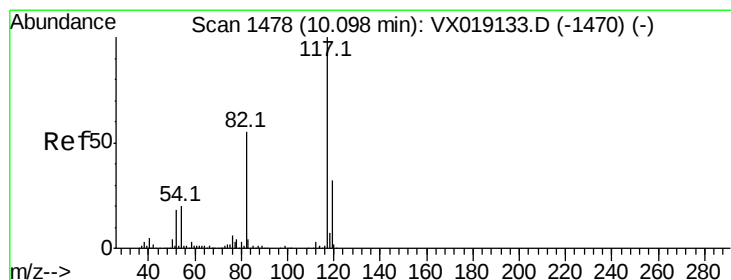
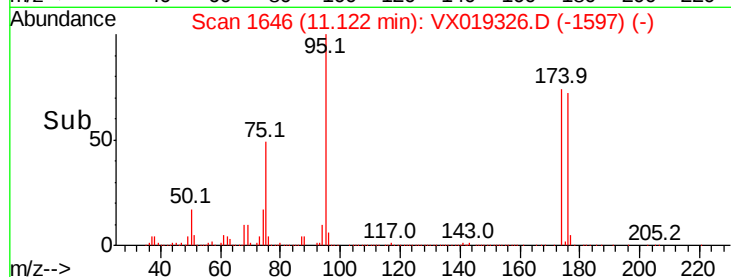
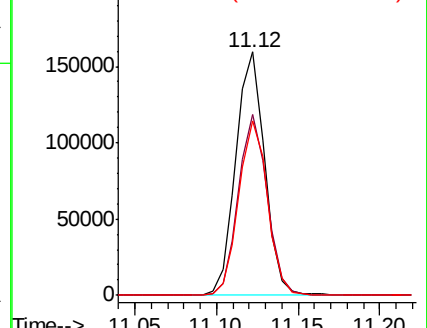
176 72.5 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

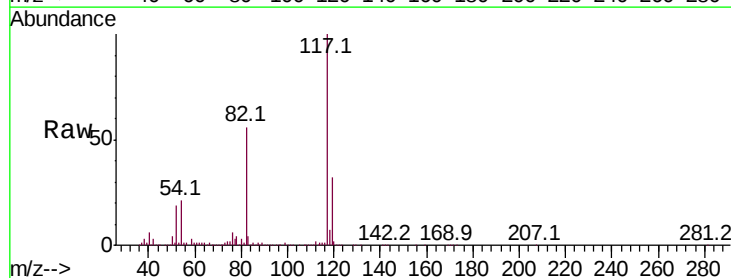
Tgt Ion: 117 Resp: 389952

Ion Ratio Lower Upper

117 100

82 55.6 43.6 65.4

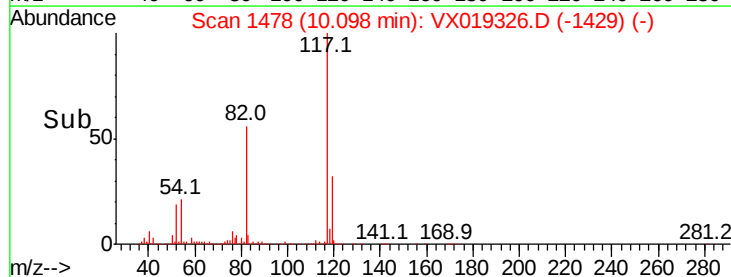
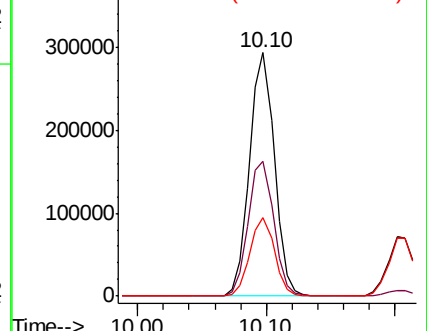
119 32.1 25.5 38.3

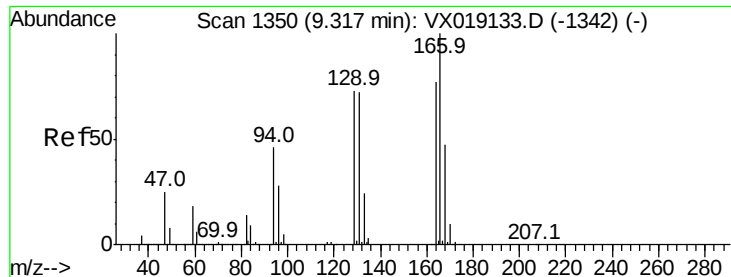


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 44.379 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MSD

Tot Ion:164 Resp: 131851

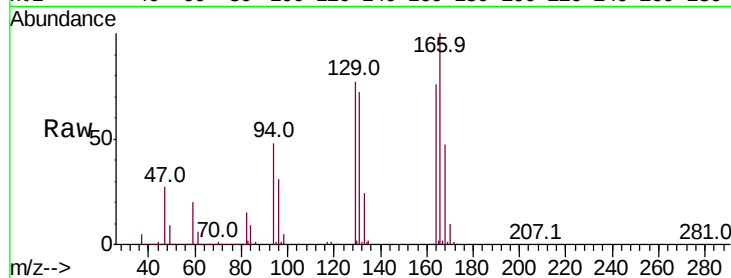
Ion Ratio Lower Upper

164 100

166 131.8 104.1 156.1

129 102.0 76.2 114.4

131 95.4 74.6 112.0

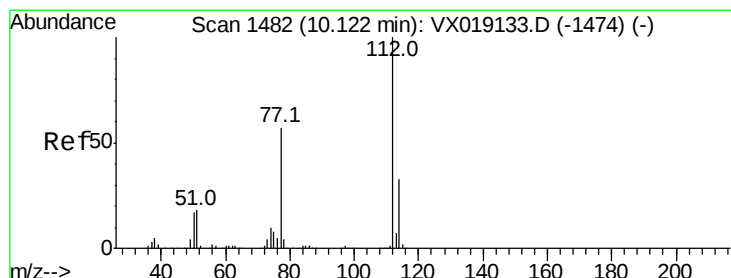
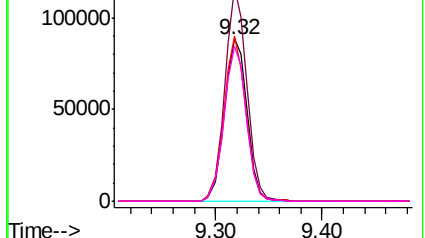
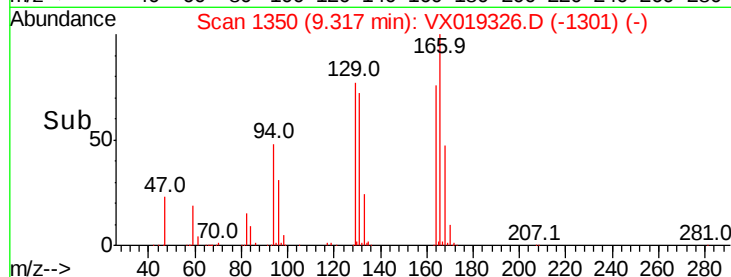


Abundance Ion 163.80 (163.50 to 164.50): V

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: 49.800 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019326.D

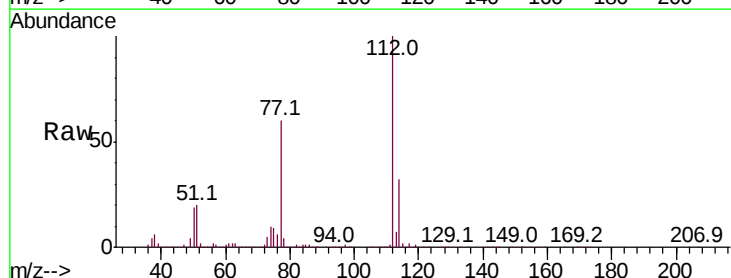
Acq: 05 Nov 2020 19:47

Tgt Ion:112 Resp: 396917

Ion Ratio Lower Upper

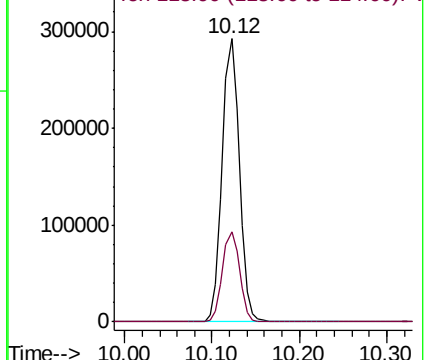
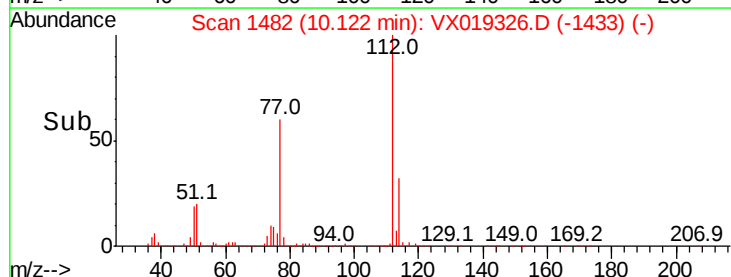
112 100

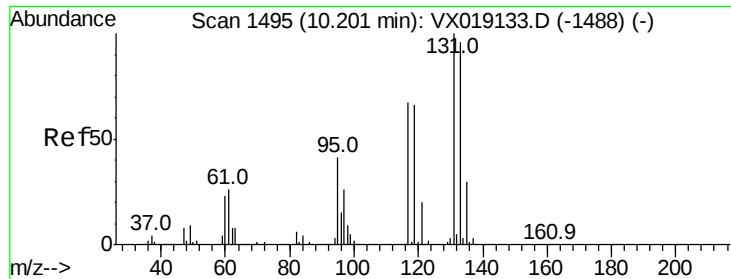
114 31.9 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

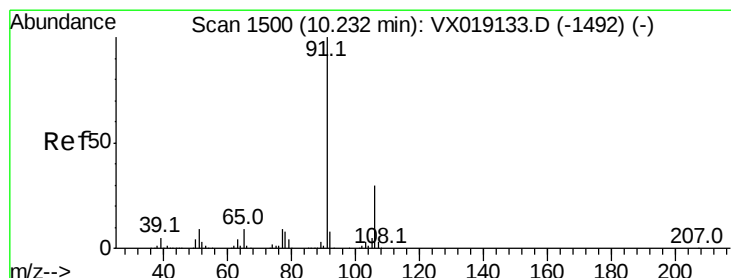
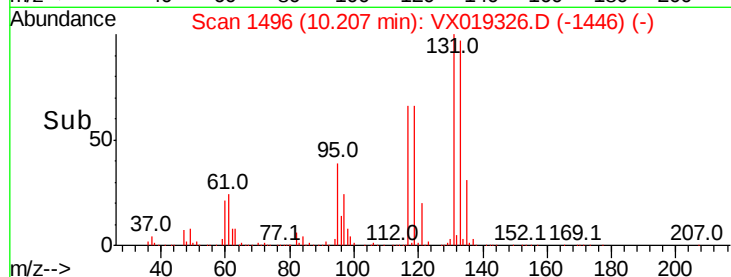
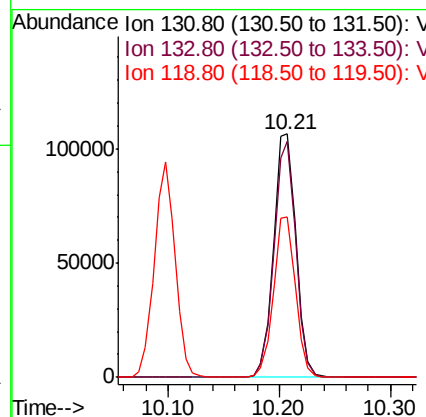
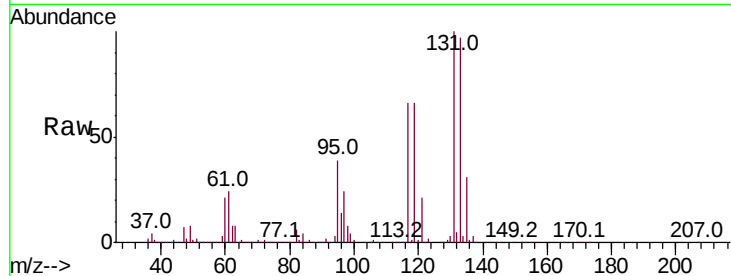




#66
 1,1,1,2-Tetrachloroethane
 Concen: 52.369 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: VX019326.D
 Acq: 05 Nov 2020 19:47

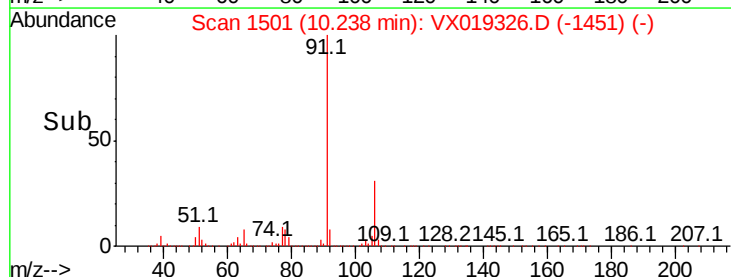
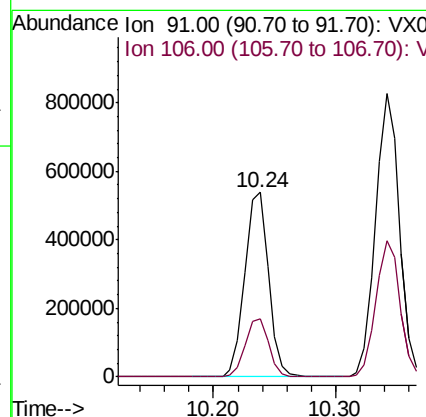
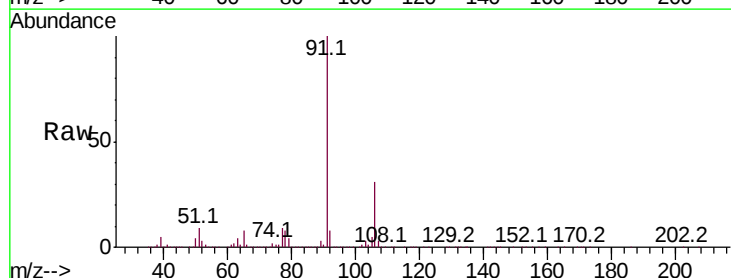
Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MSD

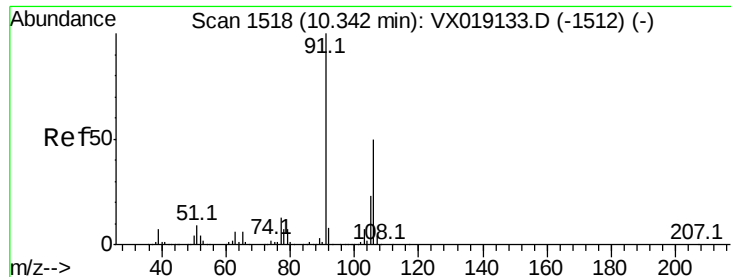
Tot Ion:131 Resp: 150262
 Ion Ratio Lower Upper
 131 100
 133 94.3 47.3 141.8
 119 64.6 32.3 96.9



#67
 Ethyl Benzene
 Concen: 50.903 ug/l
 RT: 10.24 min Scan# 1501
 Delta R.T. 0.01 min
 Lab File: VX019326.D
 Acq: 05 Nov 2020 19:47

Tgt Ion: 91 Resp: 722936
 Ion Ratio Lower Upper
 91 100
 106 31.2 24.3 36.5

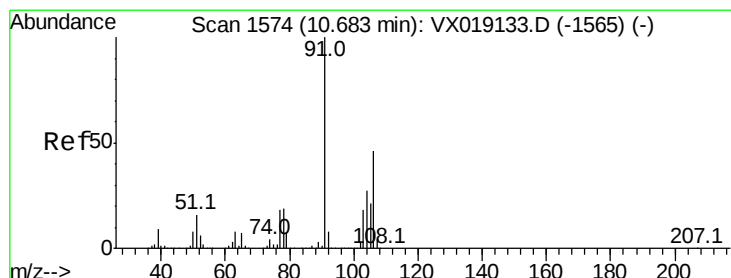
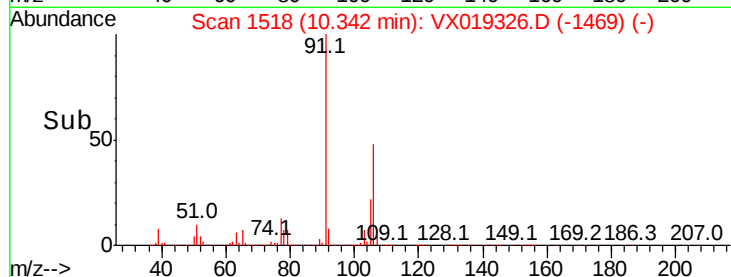
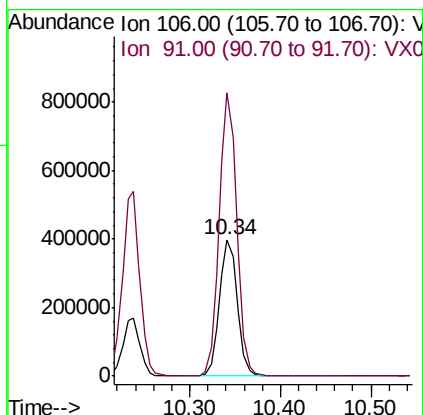
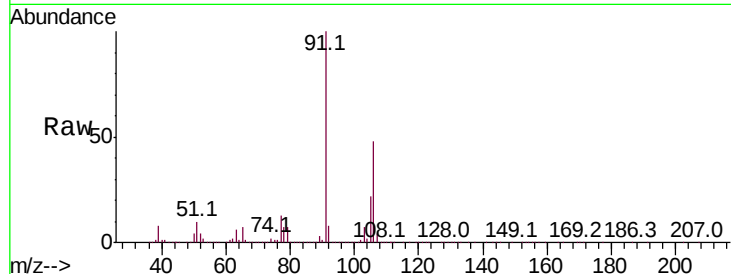




#68
m/p-Xylenes
Concen: 102.241 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

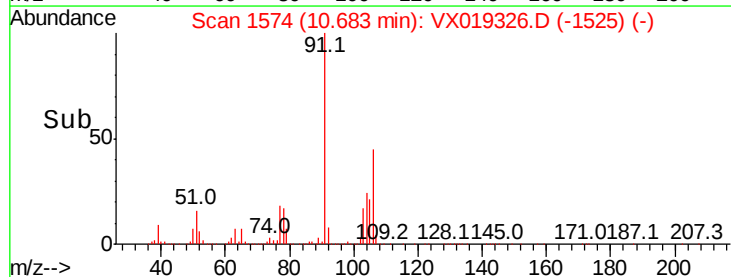
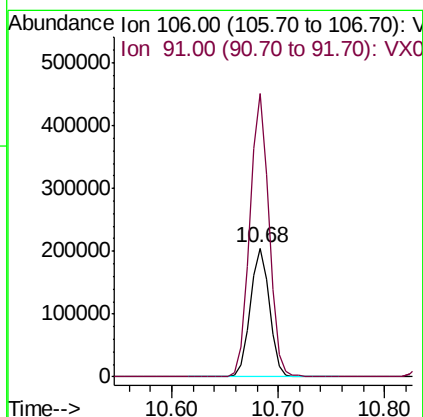
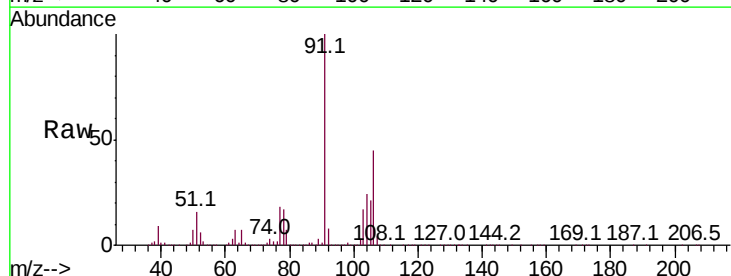
Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MSD

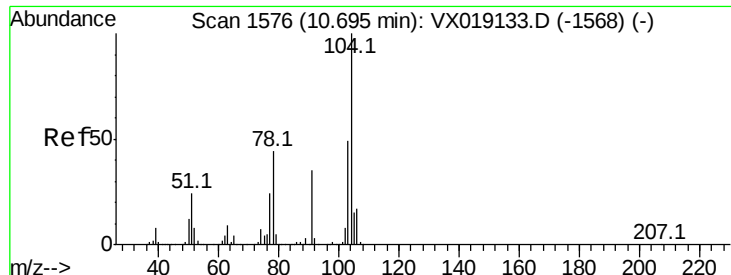
Tot Ion:106 Resp: 544984
Ion Ratio Lower Upper
106 100
91 205.4 161.0 241.4



#69
o-Xylene
Concen: 51.593 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

Tgt Ion:106 Resp: 260847
Ion Ratio Lower Upper
106 100
91 218.0 108.3 324.8





#70

Stvrene

Concen: 52.791 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MSD

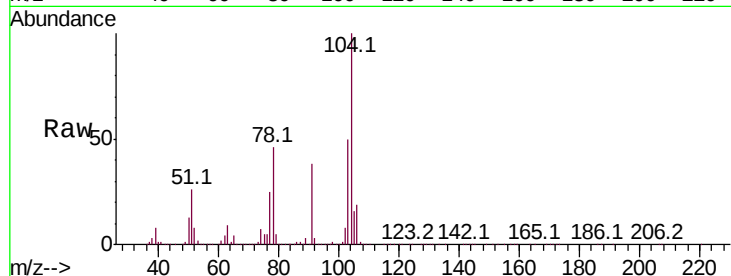
Tot Ion:104 Resp: 455397

Ion Ratio Lower Upper

104 100

78 50.5 40.0 60.0

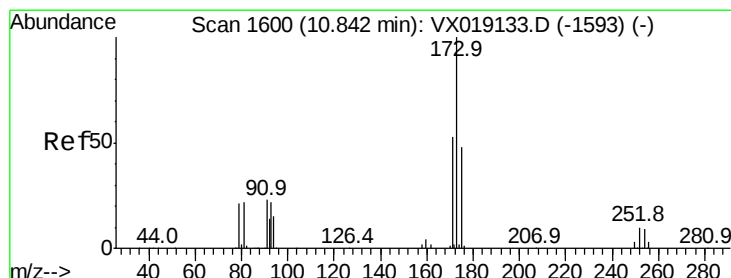
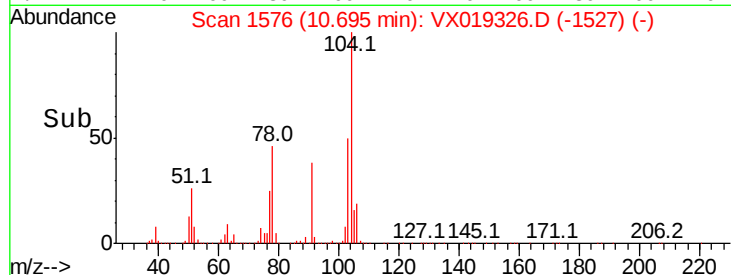
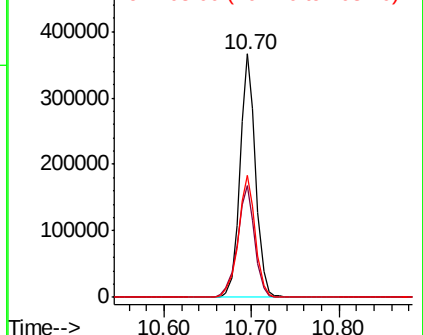
103 54.5 43.5 65.3



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 51.185 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

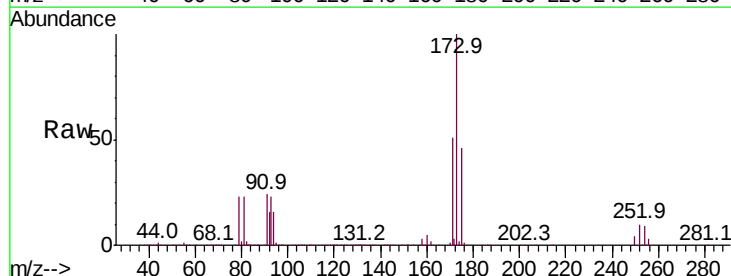
Tgt Ion:173 Resp: 116444

Ion Ratio Lower Upper

173 100

175 48.3 24.4 73.4

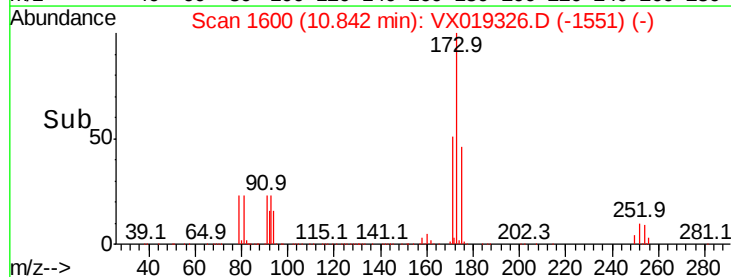
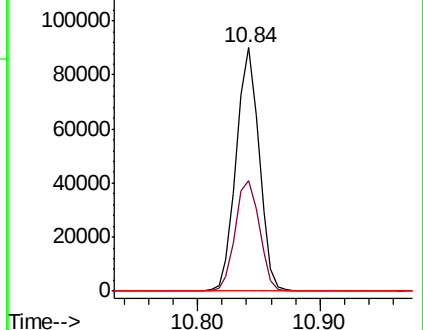
254 0.1 0.1 0.1

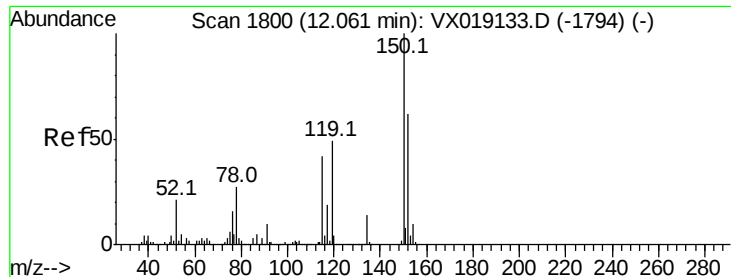


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MSD

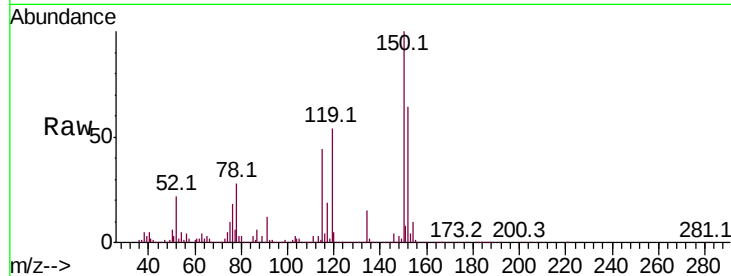
Tot Ion:152 Resp: 195857

Ion Ratio Lower Upper

152 100

115 83.5 41.9 125.7

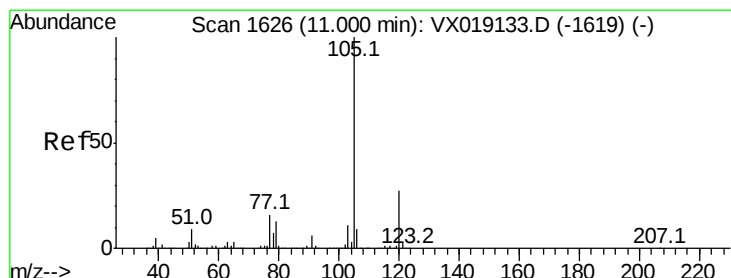
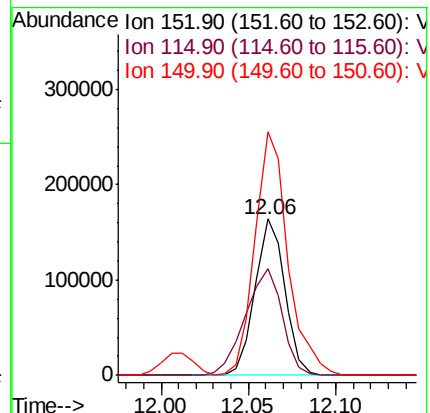
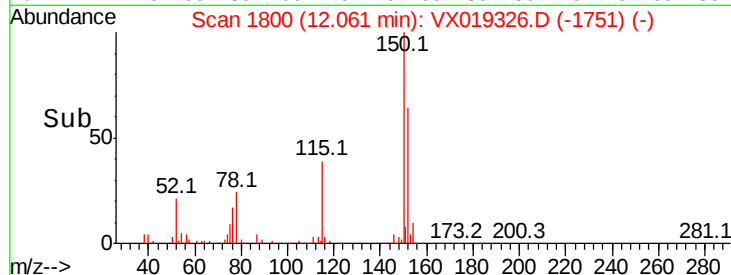
150 172.6 0.0 347.8



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: 49.758 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019326.D

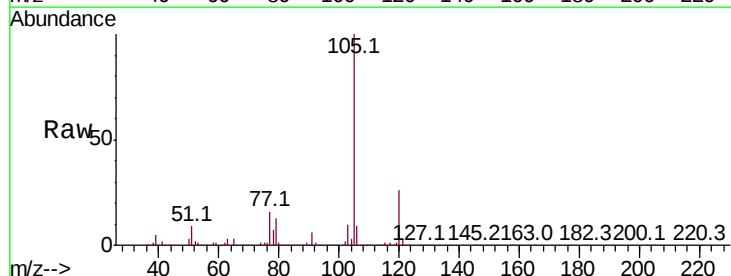
Acq: 05 Nov 2020 19:47

Tgt Ion:105 Resp: 689840

Ion Ratio Lower Upper

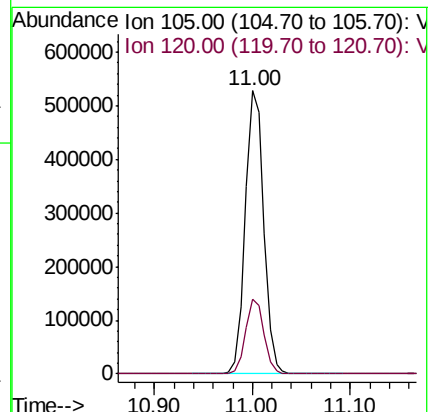
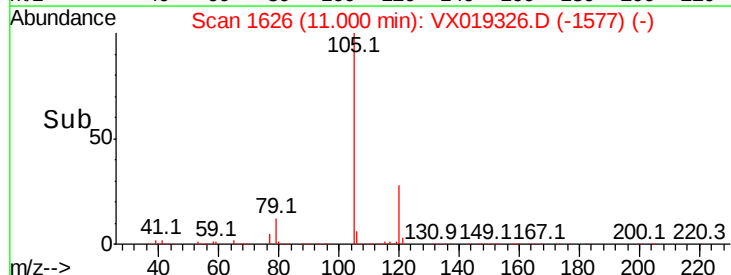
105 100

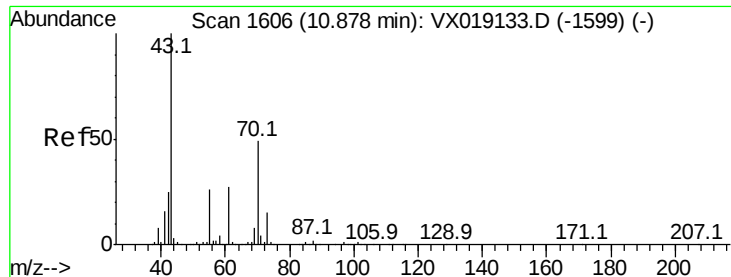
120 26.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 56.685 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MSD

Tot Ion: 43 Resp: 287336

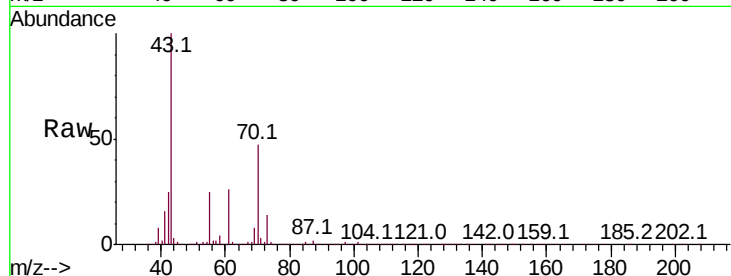
Ion Ratio Lower Upper

43 100

70 48.2 39.6 59.4

55 25.2 20.7 31.1

61 27.1 21.9 32.9

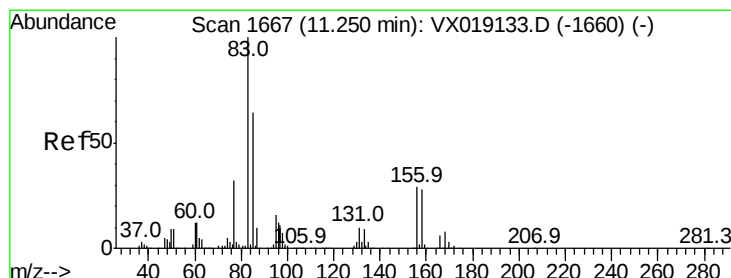
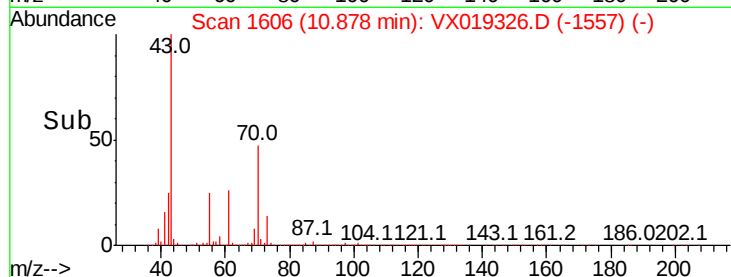
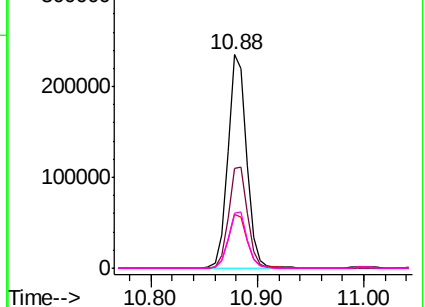


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 56.035 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

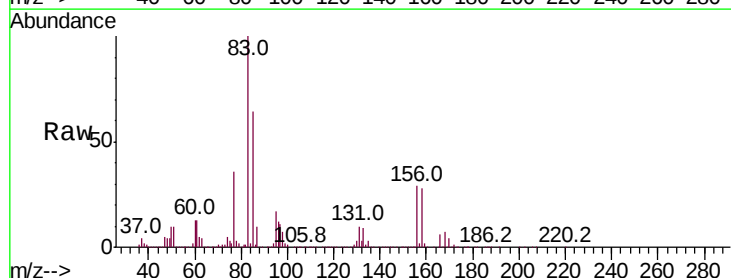
Tgt Ion: 83 Resp: 242786

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

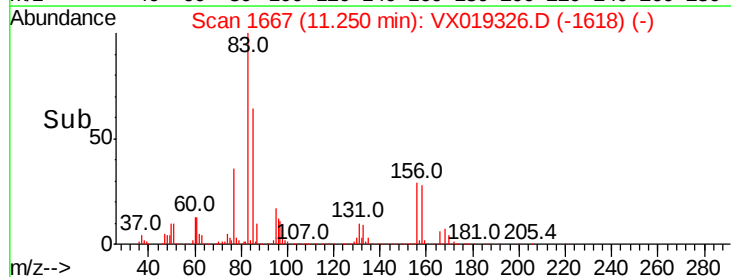
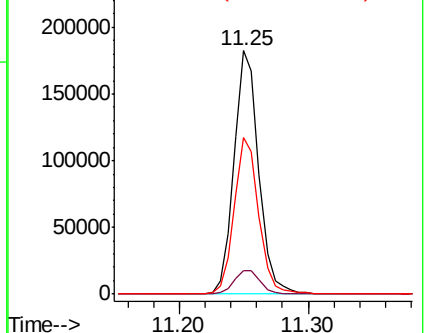
85 64.2 32.1 96.3

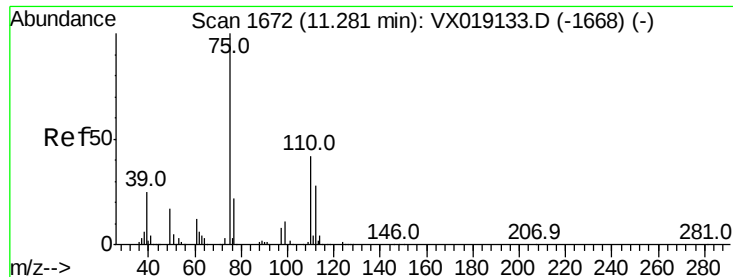


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 68.482 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

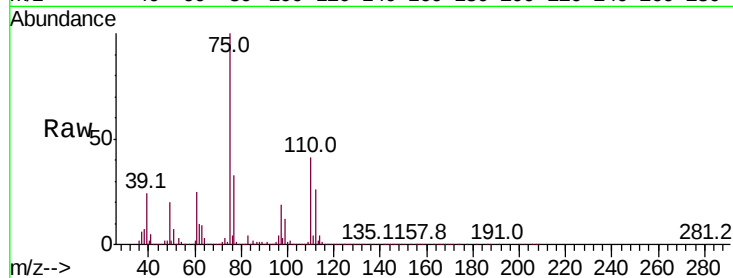
FA2O-MMW3414MSD

Tot Ion: 75 Resp: 276942

Ion Ratio Lower Upper

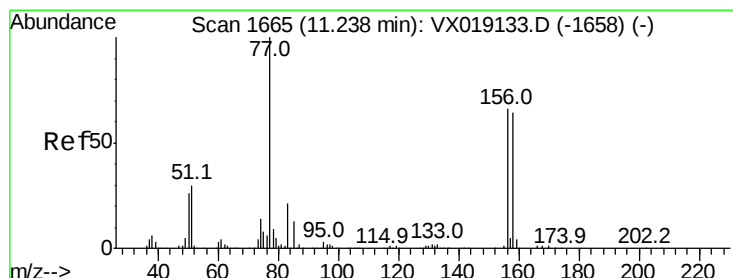
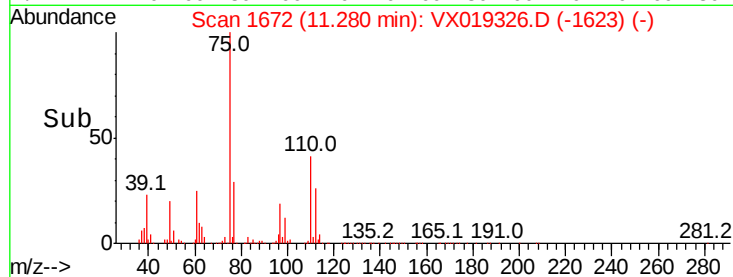
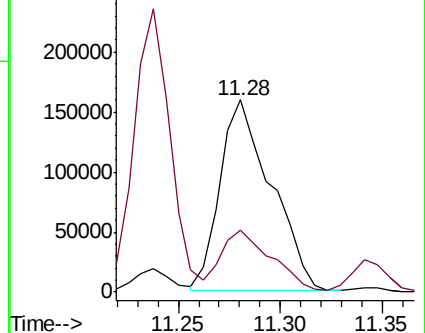
75 100

77 32.1 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 49.807 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

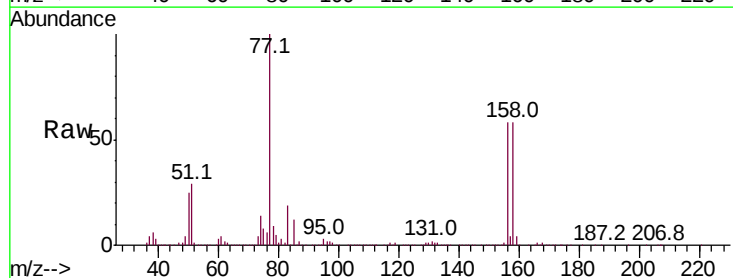
Tgt Ion: 156 Resp: 171375

Ion Ratio Lower Upper

156 100

77 169.9 77.7 233.1

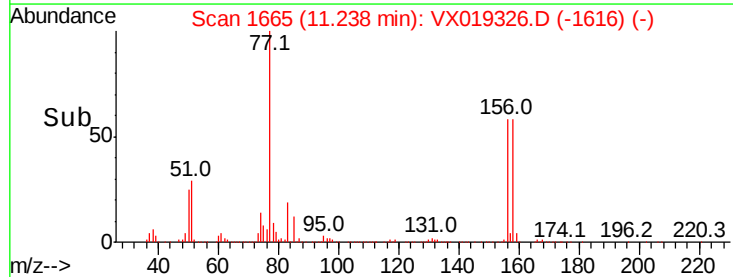
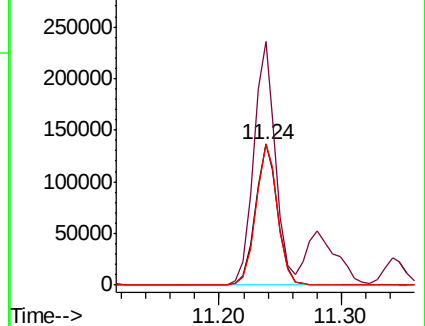
158 98.6 48.3 144.8

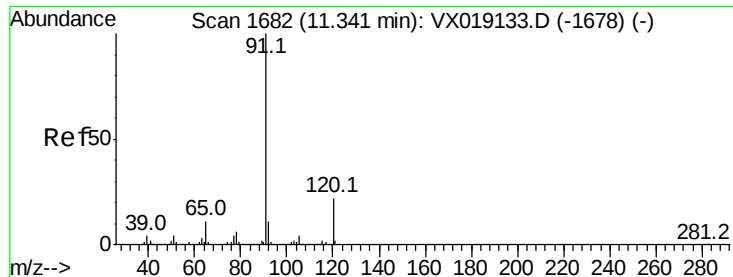


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 50.166 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

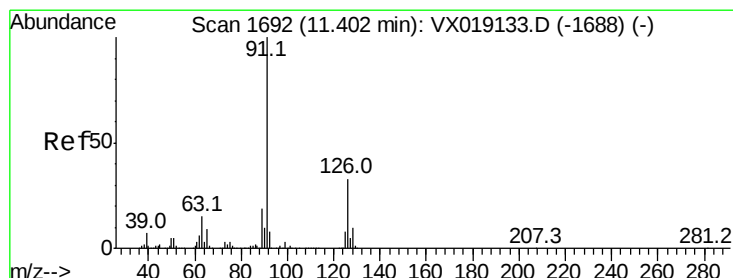
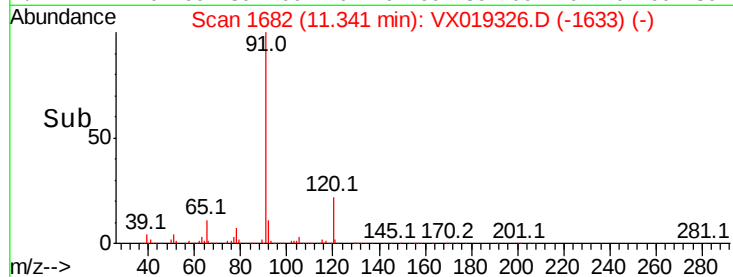
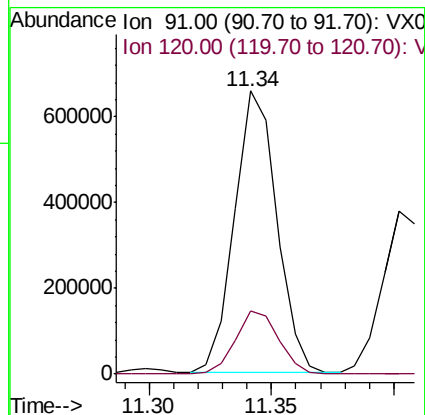
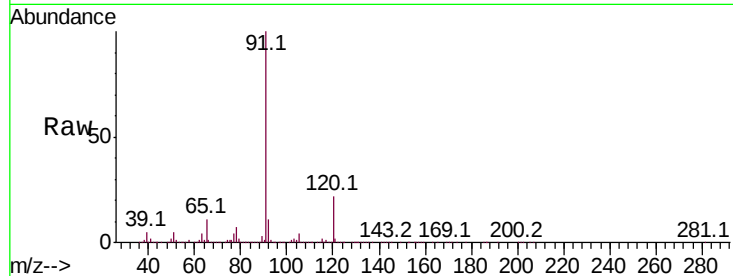
FA2O-MMW3414MSD

Tot Ion: 91 Resp: 793930

Ion Ratio Lower Upper

91 100

120 22.9 11.7 35.0



#79

2-Chlorotoluene

Concen: 51.747 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019326.D

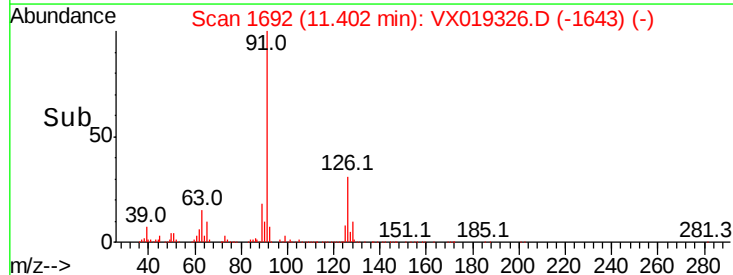
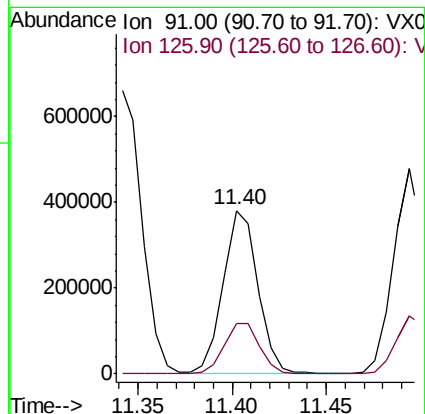
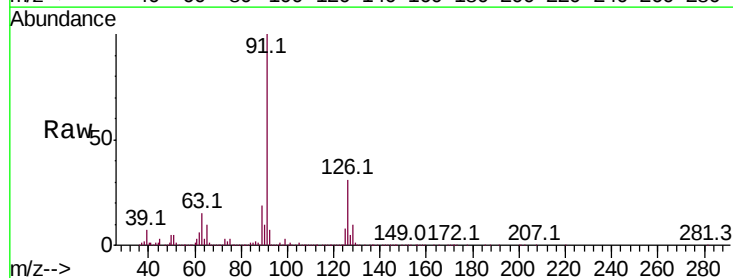
Acq: 05 Nov 2020 19:47

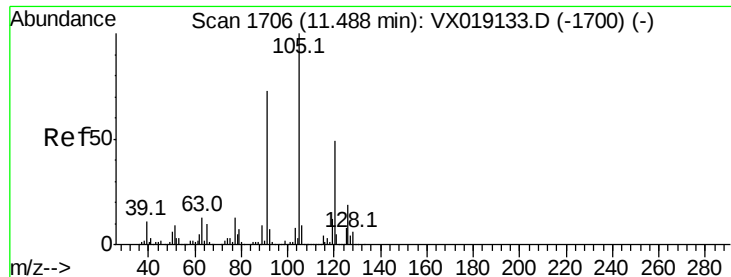
Tgt Ion: 91 Resp: 482141

Ion Ratio Lower Upper

91 100

126 32.2 16.9 50.7





#80

1,3,5-Trimethylbenzene

Concen: 50.543 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

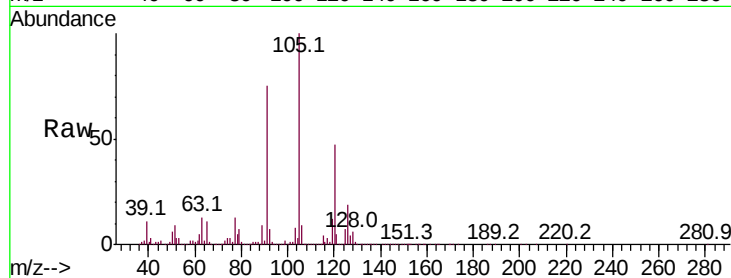
FA2O-MMW3414MSD

Tot Ion:105 Resp: 591960

Ion Ratio Lower Upper

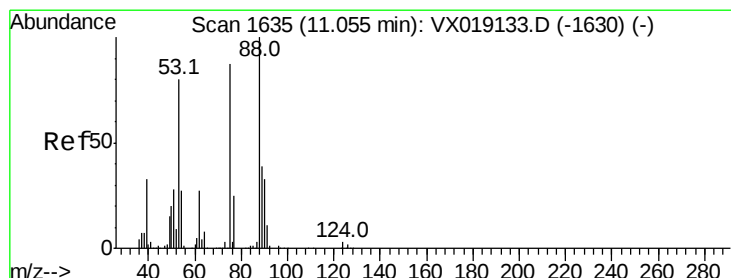
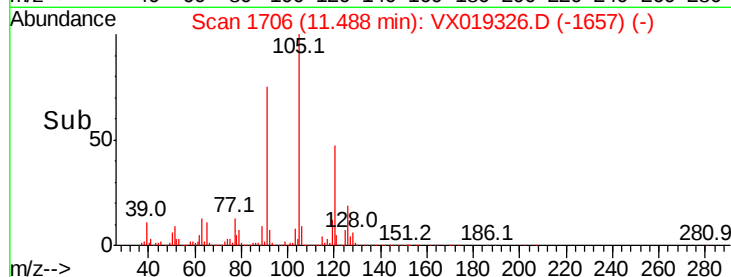
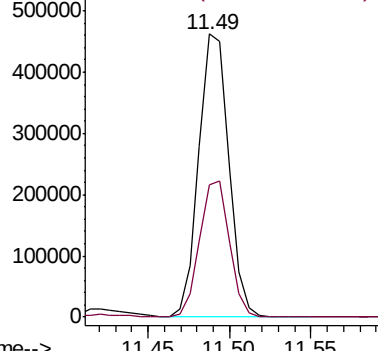
105 100

120 47.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 50.004 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

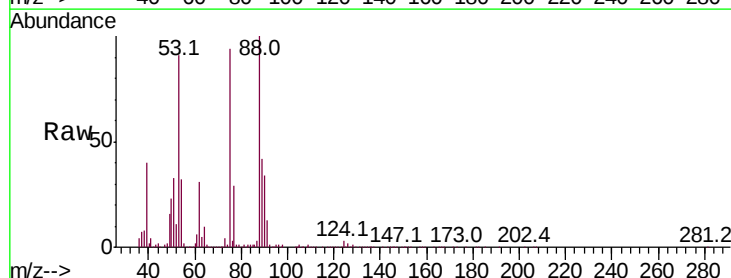
Tgt Ion: 75 Resp: 76802

Ion Ratio Lower Upper

75 100

53 94.5 73.3 109.9

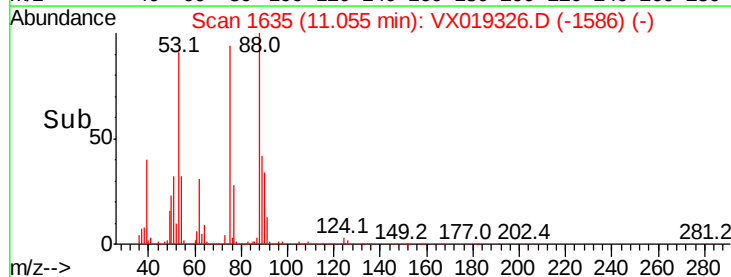
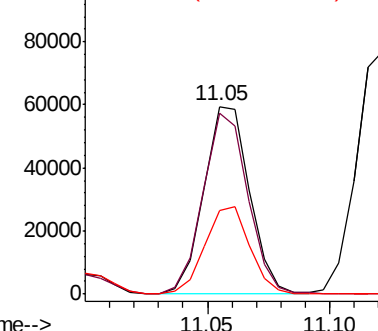
89 46.3 38.2 57.2

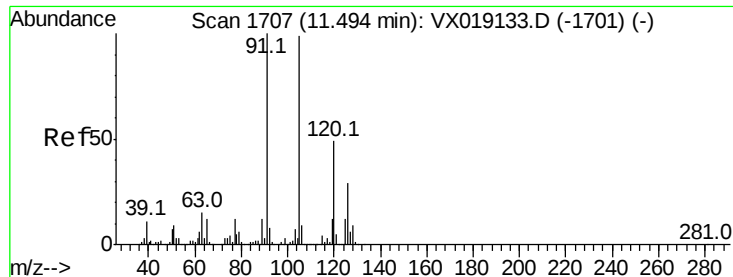


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 50.304 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

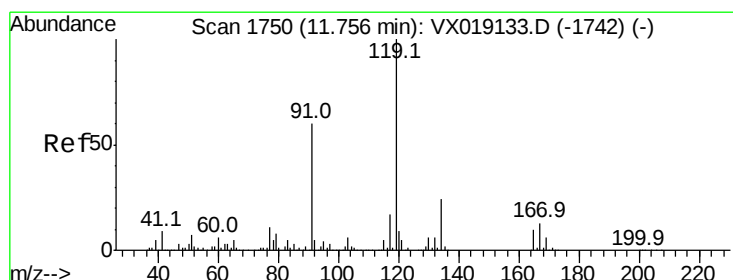
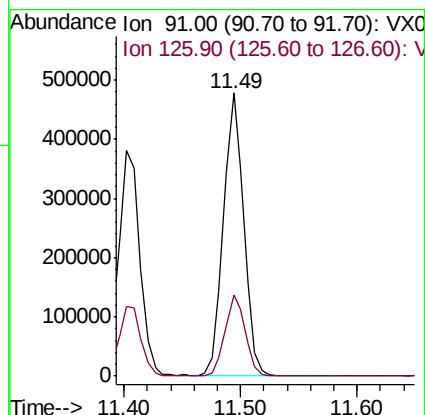
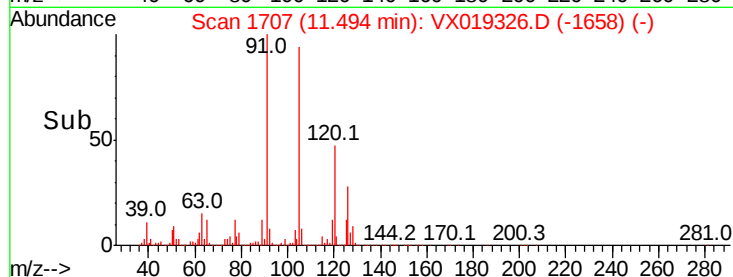
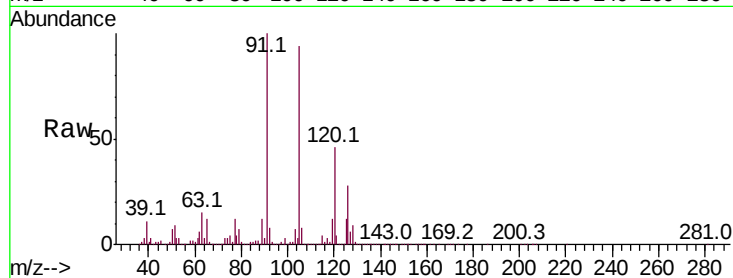
FA2O-MMW3414MSD

Tot Ion: 91 Resp: 572353

Ion Ratio Lower Upper

91 100

126 28.7 14.8 44.4



#83

tert-Butylbenzene

Concen: 49.899 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

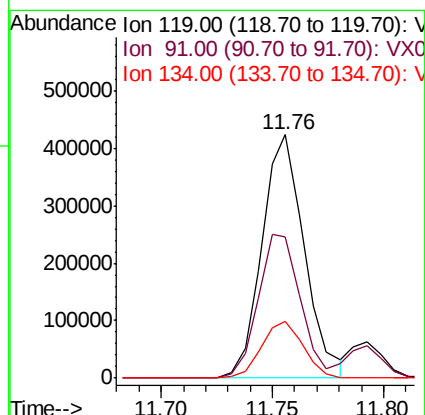
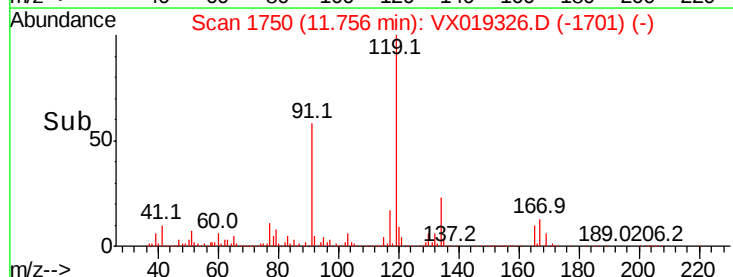
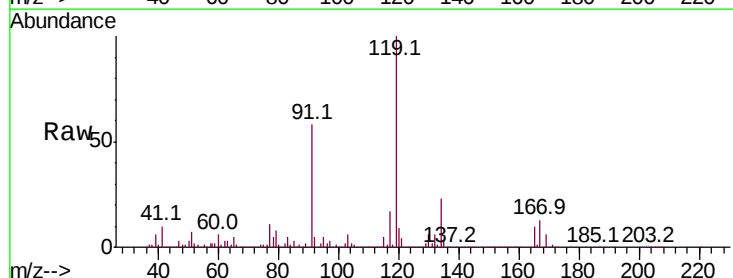
Tgt Ion: 119 Resp: 559579

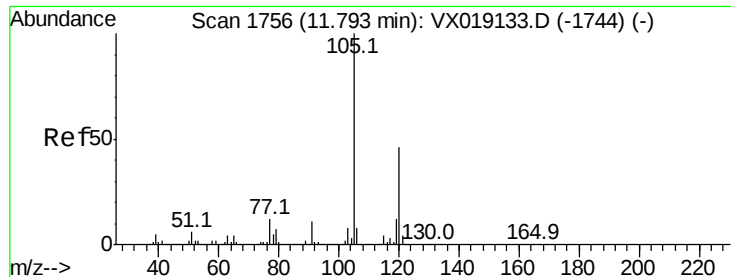
Ion Ratio Lower Upper

119 100

91 58.6 29.0 87.1

134 22.9 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 53.422 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

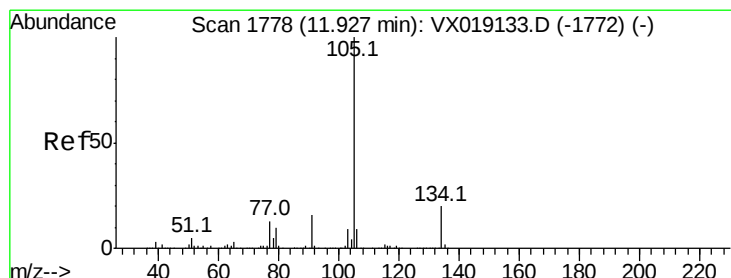
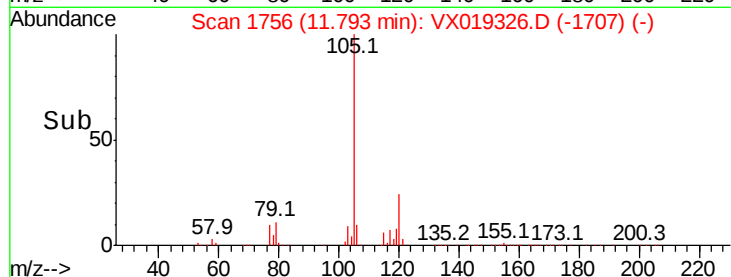
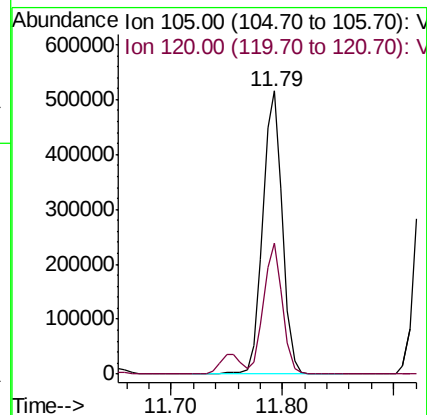
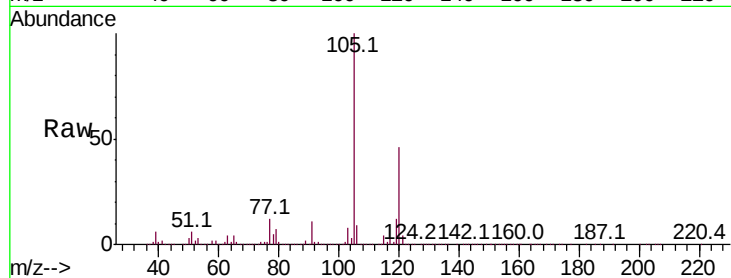
FA2O-MMW3414MSD

Tot Ion:105 Resp: 631664

Ion Ratio Lower Upper

105 100

120 44.6 22.4 67.3



#85

sec-Butylbenzene

Concen: 49.069 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019326.D

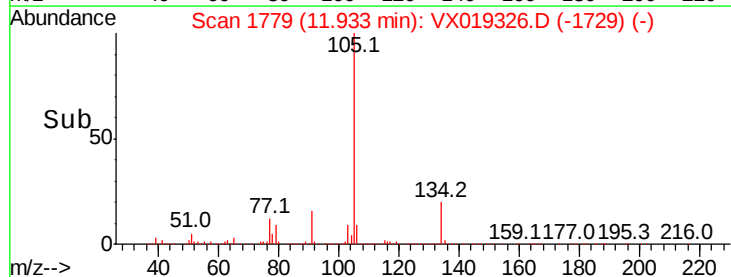
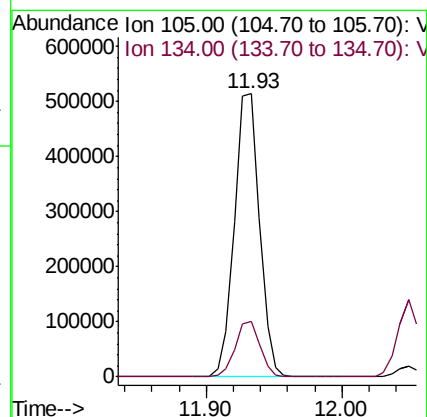
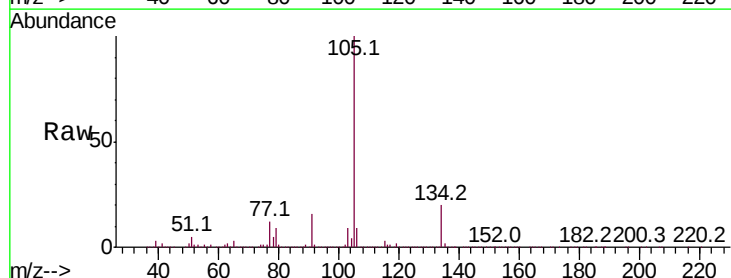
Acq: 05 Nov 2020 19:47

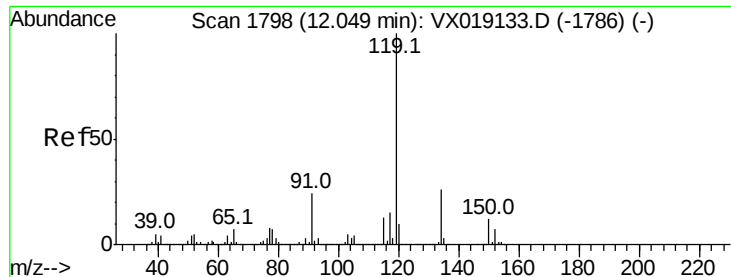
Tgt Ion:105 Resp: 659984

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1

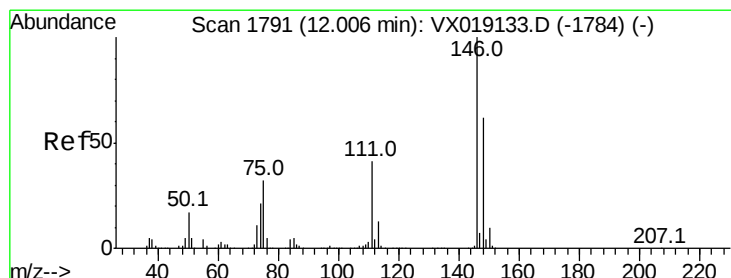
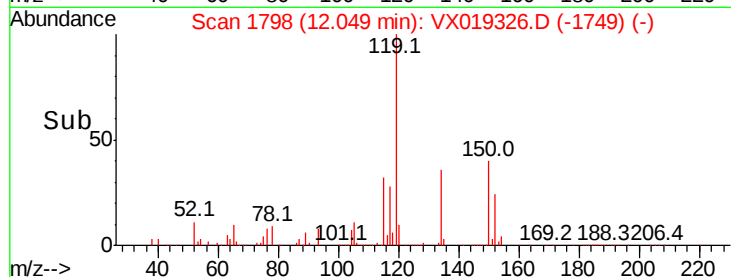
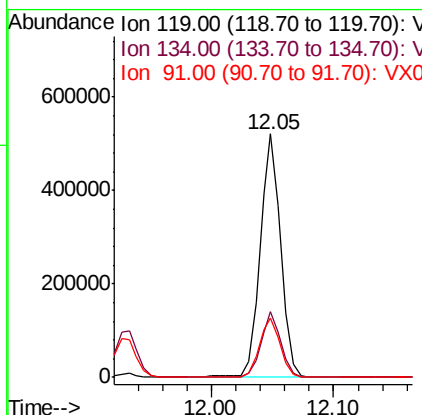
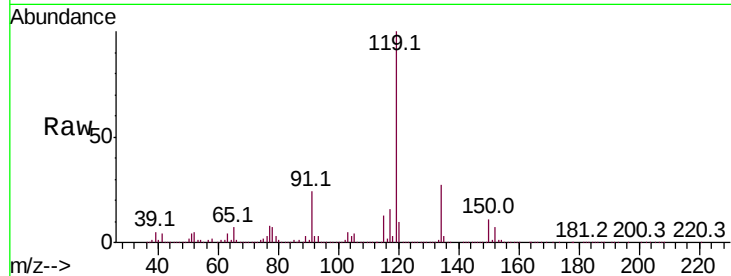




#86
 p-Isopropyltoluene
 Concen: 49.142 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019326.D
 Acq: 05 Nov 2020 19:47

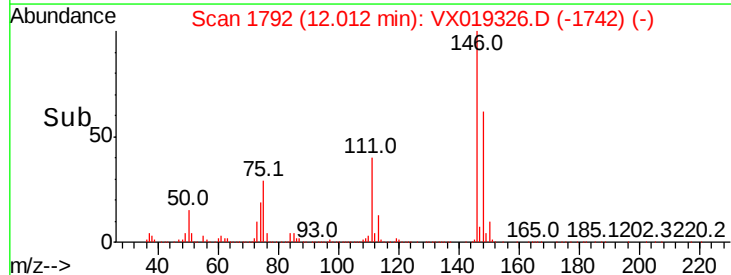
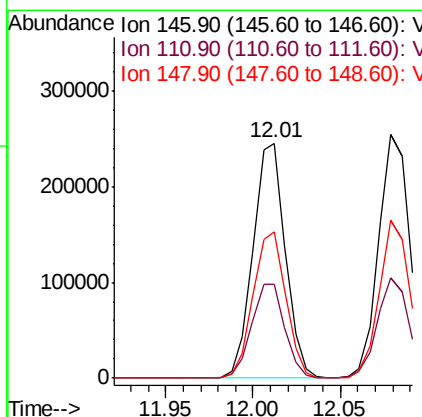
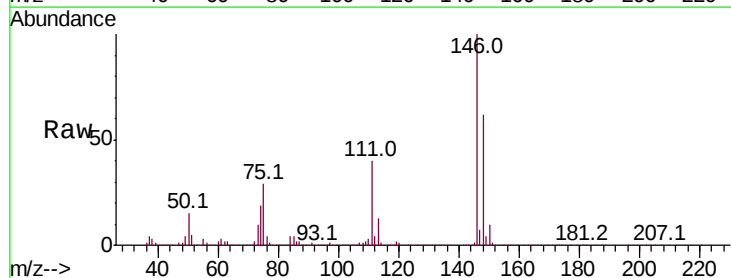
Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MSD

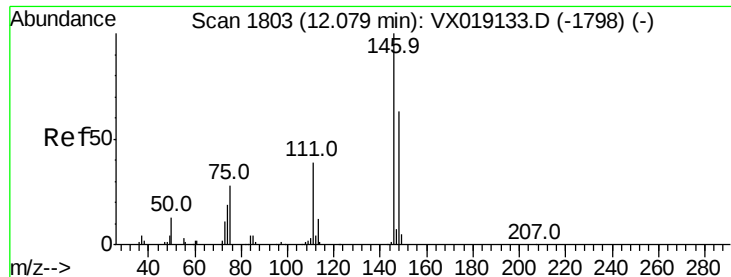
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	24.7	12.0	36.0



#87
 1,3-Dichlorobenzene
 Concen: 49.183 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019326.D
 Acq: 05 Nov 2020 19:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.2
148	63.1	31.6	94.8

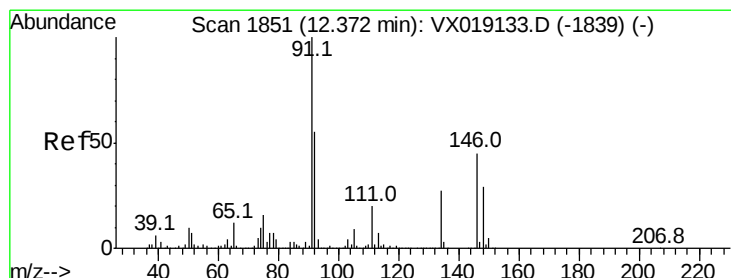
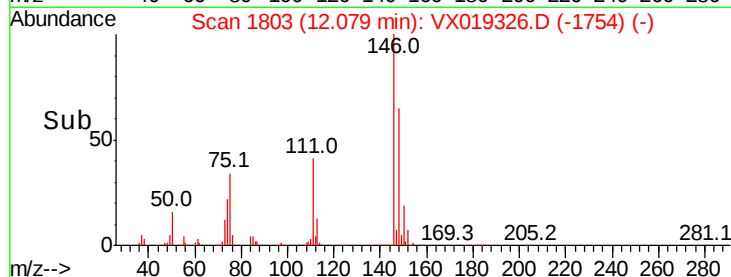
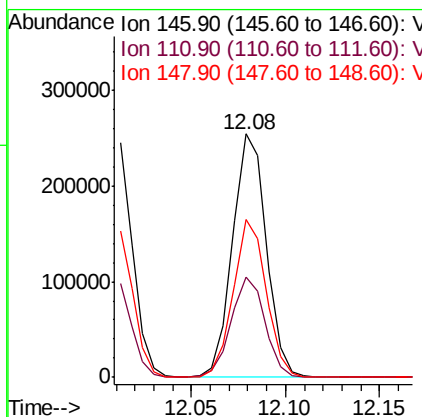
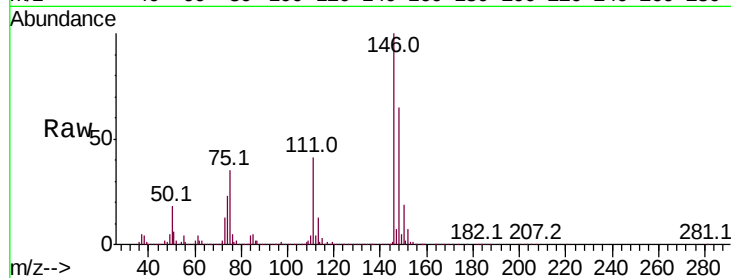




#88
1,4-Dichlorobenzene
Concen: 47.350 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

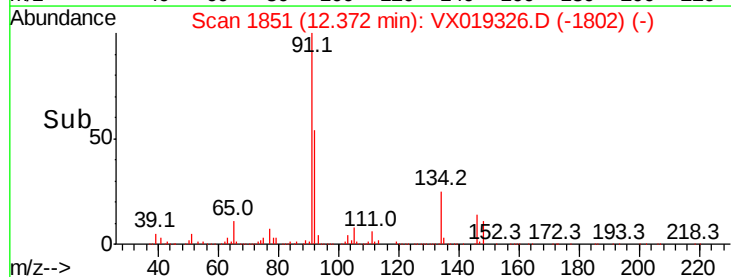
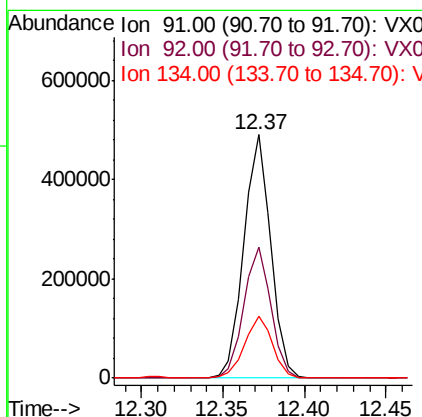
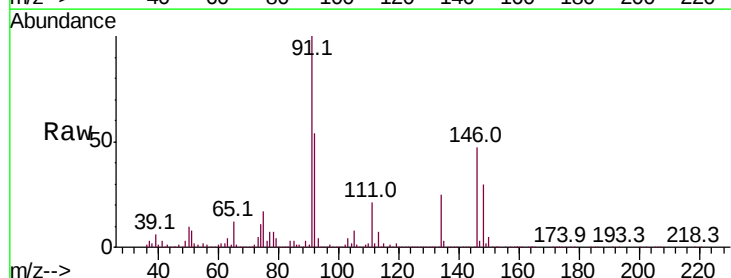
Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MSD

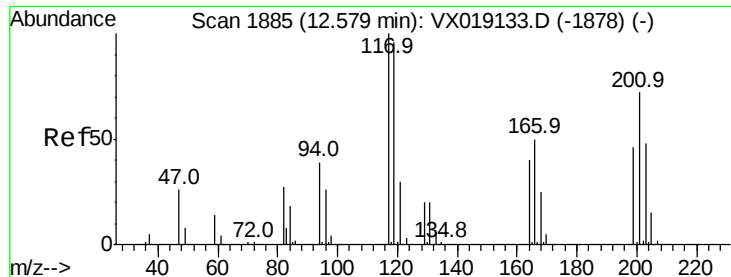
Tot Ion:146 Resp: 315827
Ion Ratio Lower Upper
146 100
111 41.2 20.2 60.5
148 63.7 31.3 93.8



#89
n-Butylbenzene
Concen: 48.519 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019326.D
Acq: 05 Nov 2020 19:47

Tgt Ion: 91 Resp: 566171
Ion Ratio Lower Upper
91 100
92 53.9 27.5 82.4
134 26.5 13.2 39.6





#90

Hexachloroethane

Concen: 49.672 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

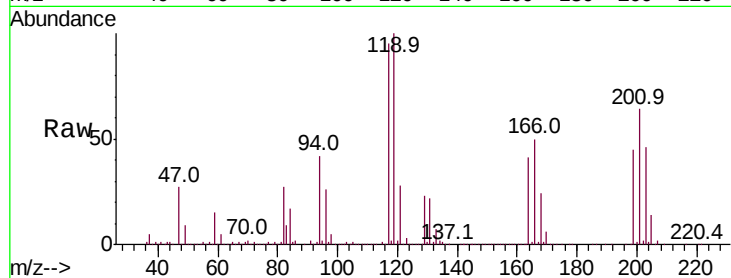
FA2O-MMW3414MSD

Tot Ion:117 Resp: 104814

Ion Ratio Lower Upper

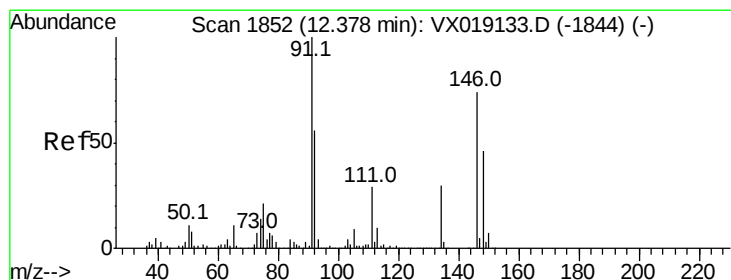
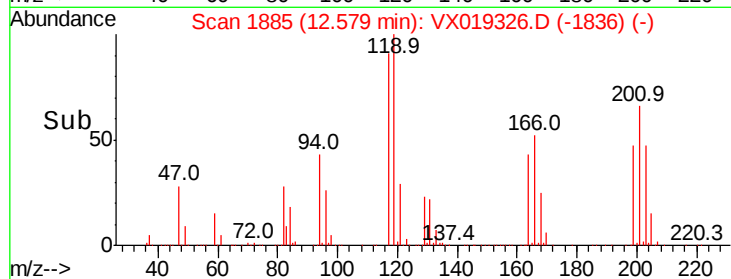
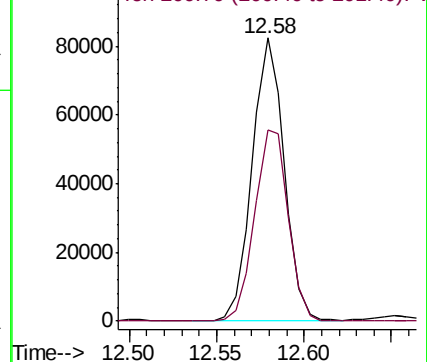
117 100

201 71.5 38.5 115.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 49.248 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

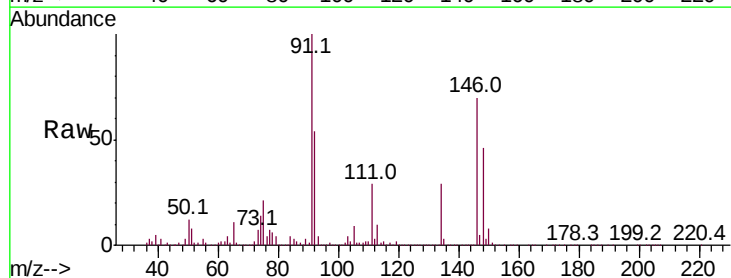
Tgt Ion:146 Resp: 303015

Ion Ratio Lower Upper

146 100

111 43.4 21.2 63.6

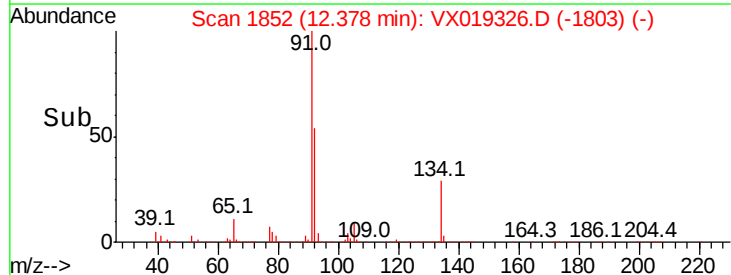
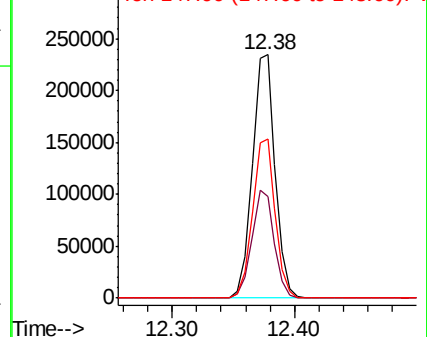
148 64.9 31.6 94.7

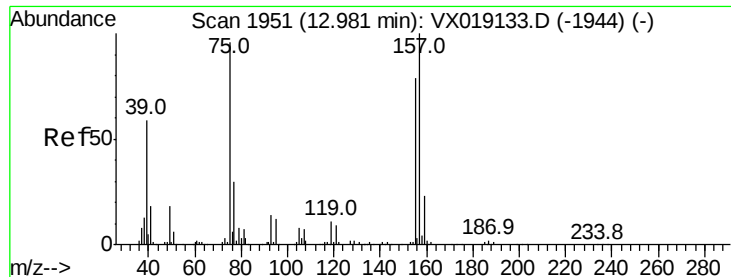


Abundance Ion 145.90 (145.60 to 146.60): V

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: 54.604 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MSD

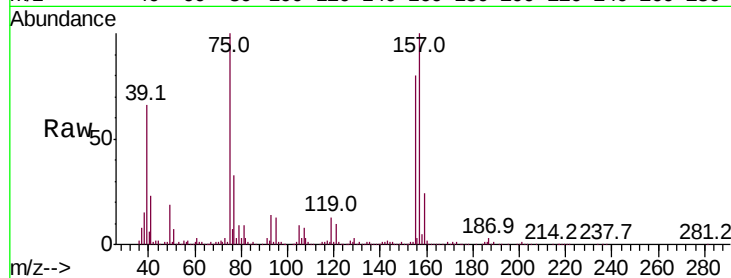
Tot Ion: 75 Resp: 57917

Ion Ratio Lower Upper

75 100

155 83.0 42.8 128.4

157 104.3 54.8 164.4

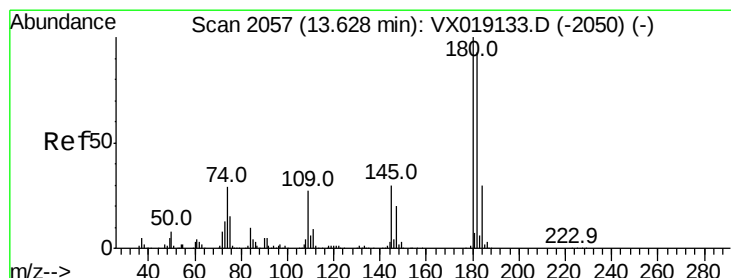
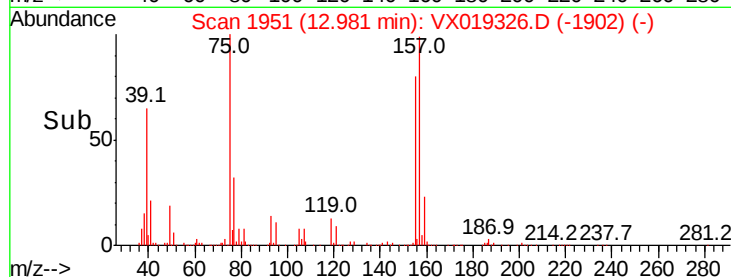


Abundance Ion 74.90 (74.60 to 75.60): VX019133.D (-1944) (-)

Ion 154.80 (154.50 to 155.50): VX019133.D (-1944) (-)

Ion 156.80 (156.50 to 157.50): VX019133.D (-1944) (-)

Time--> 12.90 12.95 13.00 13.05



#93

1,2,4-Trichlorobenzene

Concen: 43.604 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

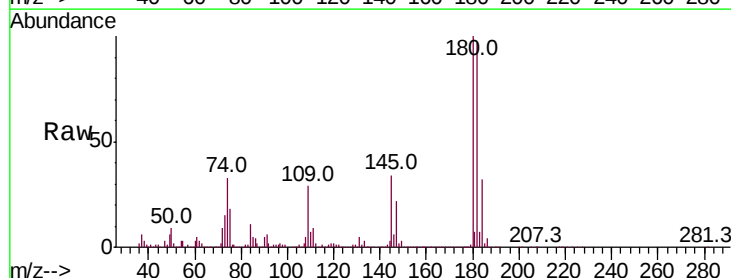
Tgt Ion:180 Resp: 201522

Ion Ratio Lower Upper

180 100

182 97.4 46.8 140.3

145 33.5 15.5 46.5

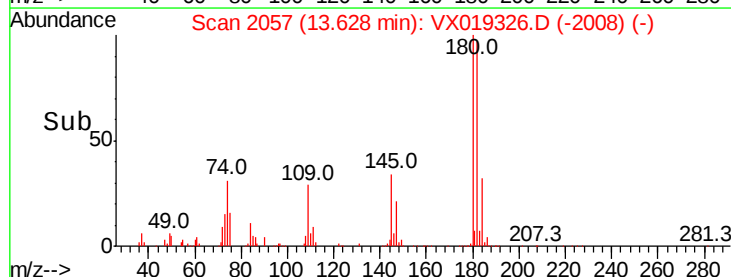


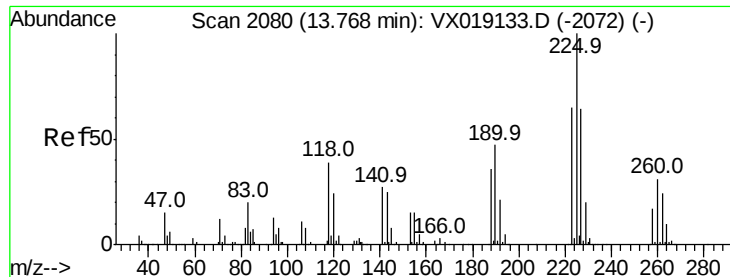
Abundance Ion 179.80 (179.50 to 180.50): VX019133.D (-2050) (-)

Ion 181.80 (181.50 to 182.50): VX019133.D (-2050) (-)

Ion 144.80 (144.50 to 145.50): VX019133.D (-2050) (-)

Time--> 13.60 13.70





#94

Hexachlorobutadiene

Concen: 37.729 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MSD

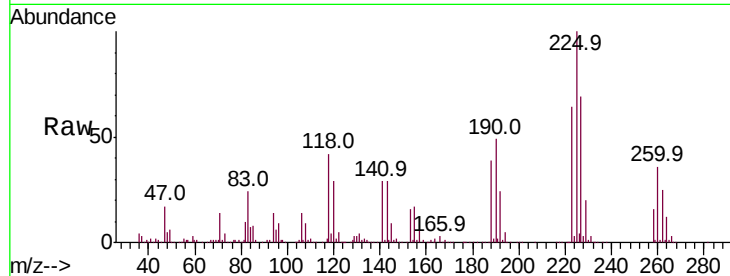
Tot Ion:225 Resp: 76758

Ion Ratio Lower Upper

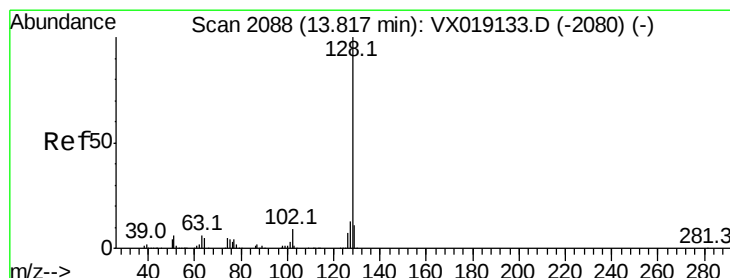
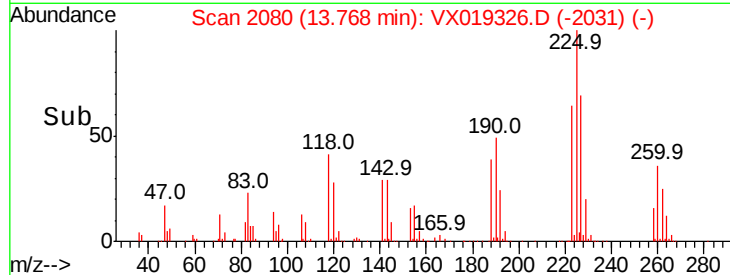
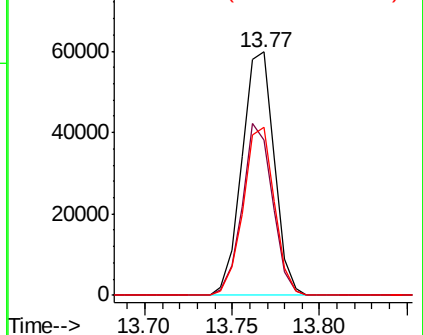
225 100

223 66.3 32.4 97.2

227 66.6 31.6 94.7



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



#95

Naphthalene

Concen: 51.362 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019326.D

Acq: 05 Nov 2020 19:47

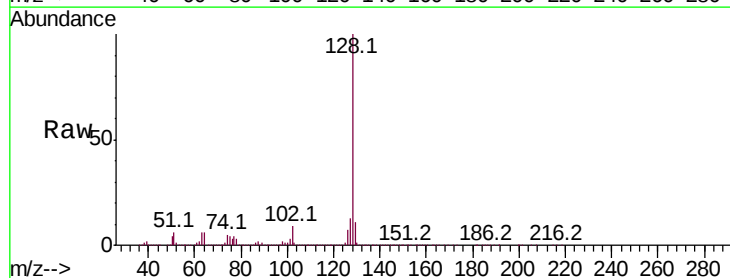
Tgt Ion:128 Resp: 747615

Ion Ratio Lower Upper

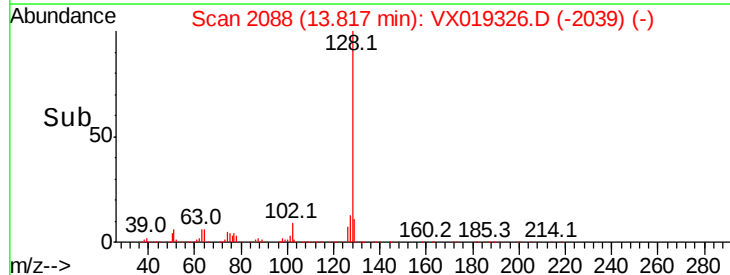
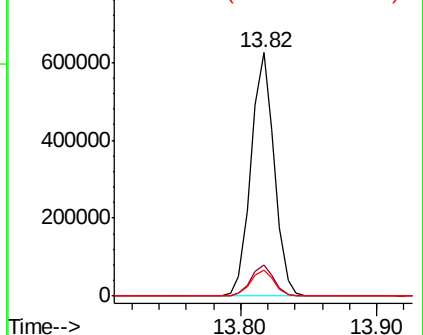
128 100

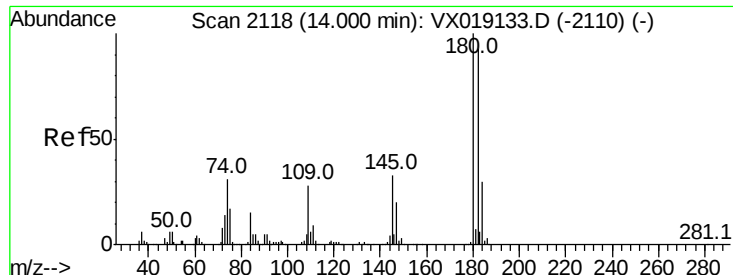
127 12.9 10.3 15.5

129 10.9 8.6 13.0



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: 46.166 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX019326.D
 Acq: 05 Nov 2020 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.8	143.3
145	35.0	16.5	49.5

