

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
 Data File : VX031870.D
 Acq On : 04 Oct 2022 15:33
 Operator : JC/MD
 Sample : N4762-01
 Misc : 5.22g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 D22014-(5-5.5)

Quant Time: Oct 05 06:22:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	132062	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	177071	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	170885	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	129738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	88001	37.195	ug/l	0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	74.380%		
35) Dibromofluoromethane	5.391	113	89796	42.683	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	85.360%		
50) Toluene-d8	8.653	98	320710	42.614	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	85.220%#		
62) 4-Bromofluorobenzene	11.085	95	105594	38.962	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	77.920%#		
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	2262	Below Cal		91
6) Chloroethane	1.685	64	1049	Below Cal		96
8) Diethyl Ether	2.014	74	61	Below Cal	#	1
11) Tert butyl alcohol	3.075	59	835	2.535	ug/l #	1
13) Acrolein	2.185	56	8068	41.371	ug/l #	1
14) Allyl chloride	2.691	41	25065	10.640	ug/l #	63
15) Acrylonitrile	3.081	53	31093	36.137	ug/l #	40
16) Acetone	2.422	43	12689	6.209	ug/l #	87
17) Carbon Disulfide	2.483	76	439	Below Cal	#	75
18) Methyl Acetate	2.758	43	460367	208.015	ug/l #	52
20) Methylene Chloride	2.788	84	3546	1.713	ug/l #	1
23) Vinyl Acetate	3.715	43	8079	2.162	ug/l #	80
24) 1,1-Dichloroethane	3.654	63	1197	0.357	ug/l #	82
25) 2-Butanone	4.617	43	3132	2.885	ug/l	95
26) 2,2-Dichloropropane	4.288	77	9977	3.481	ug/l #	54
28) Bromochloromethane	5.172	49	1305	0.962	ug/l #	15
29) Tetrahydrofuran	5.086	42	2401	3.582	ug/l #	13
30) Chloroform	5.154	83	85095	21.189	ug/l #	22
31) Cyclohexane	5.477	56	410960	145.843	ug/l #	90
36) 1,1-Dichloropropene	5.550	75	7609	2.917	ug/l #	50
37) Ethyl Acetate	4.763	43	2987	1.513	ug/l #	1
38) Carbon Tetrachloride	5.550	117	11497	3.550	ug/l #	17
39) Methylcyclohexane	7.379	83	735119	229.712	ug/l	87
40) Benzene	6.037	78	132489	17.581	ug/l	97
41) Methacrylonitrile	4.928	41	18999	17.706	ug/l #	42
43) Isopropyl Acetate	6.361	43	22643	7.092	ug/l #	64
45) 1,2-Dichloropropane	7.373	63	9680	5.483	ug/l #	1
46) Dibromomethane	7.549	93	791	0.538	ug/l #	1
47) Bromodichloromethane	7.769	83	14178	4.814	ug/l #	76
48) Methyl methacrylate	7.653	41	84942	59.454	ug/l #	24
51) 4-Methyl-2-Pentanone	8.616	43	113270	56.519	ug/l #	85
52) Toluene	8.726	92	3185773	603.011	ug/l	93
53) t-1,3-Dichloropropene	8.720	75	36729	13.079	ug/l #	1
55) 1,1,2-Trichloroethane	9.104	97	152009	72.187	ug/l #	18
56) Ethyl methacrylate	9.098	69	29126	11.962	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.269	63	651	0.519	ug/l #	46

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Instrument :
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 ClientSampleId :
 D22014-(5-5.5)

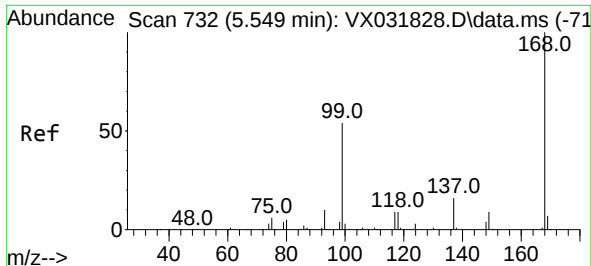
Quant Time: Oct 05 06:22:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) 2-Hexanone	9.384	43	48461	33.262	ug/l #	31
60) Dibromochloromethane	9.494	129	618	0.242	ug/l #	1
65) Chlorobenzene	10.079	112	1631	0.315	ug/l #	86
67) Ethyl Benzene	10.201	91	10025940	1175.498	ug/l #	72
68) m/p-Xylenes	10.317	106	10722580	3045.141	ug/l #	62
69) o-Xylene	10.653	106	4430234	1305.947	ug/l	77
70) Styrene	10.653	104	235760	42.757	ug/l #	1
73) Isopropylbenzene	10.970	105	2199074	239.967	ug/l	97
74) N-amyl acetate	10.860	43	19807	9.228	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.195	83	9116	3.495	ug/l #	78
76) 1,2,3-Trichloropropane	11.311	75	32322	13.693	ug/l #	1
78) n-propylbenzene	11.311	91	4900848	489.288	ug/l	91
79) 2-Chlorotoluene	11.390	91	2565948	423.979	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.457	105	5685221	742.927	ug/l	90
81) trans-1,4-Dichloro-2-b...	10.963	75	23632	34.369	ug/l #	56
82) 4-Chlorotoluene	11.457	91	681404	97.544	ug/l #	45
83) tert-Butylbenzene	11.768	119	3307963	427.676	ug/l #	65
84) 1,2,4-Trimethylbenzene	11.622	105	6116639	803.113	ug/l	86
85) sec-Butylbenzene	11.762	105	14420564	1548.724	ug/l #	56
86) p-Isopropyltoluene	11.975	119	633258	77.929	ug/l	95
88) 1,4-Dichlorobenzene	12.049	146	2448	0.514	ug/l #	59
89) n-Butylbenzene	12.329	91	1267601	197.490	ug/l #	20
90) Hexachloroethane	12.536	117	214948	146.630	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	12.963	75	14079	25.667	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.591	180	560	0.200	ug/l #	1
94) Hexachlorobutadiene	13.725	225	1993	1.733	ug/l	95
95) Naphthalene	13.780	128	4468326	513.165	ug/l	97

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

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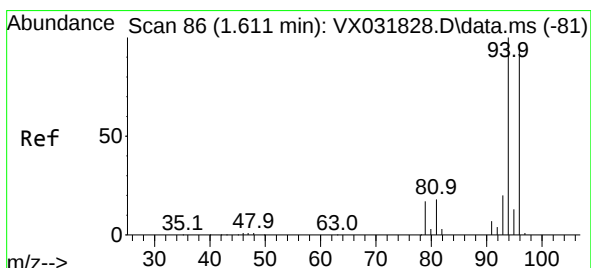
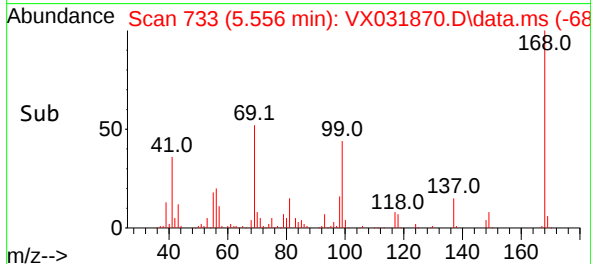
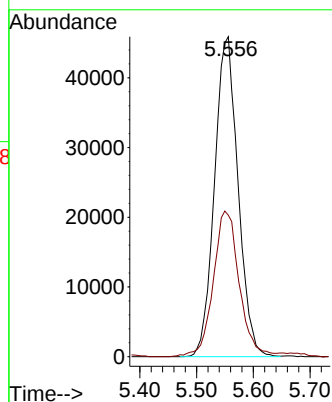
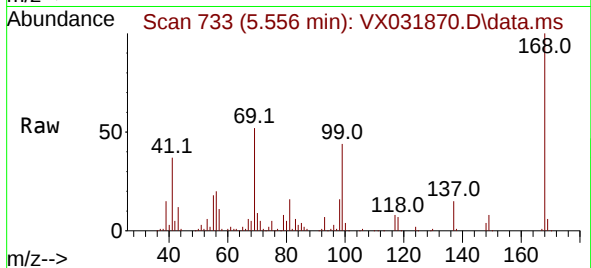




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

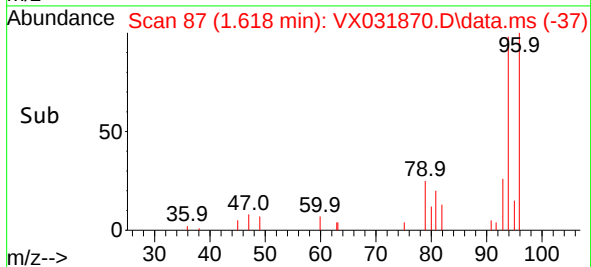
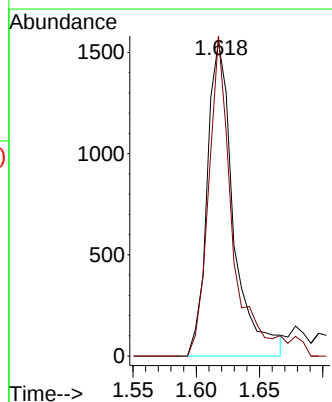
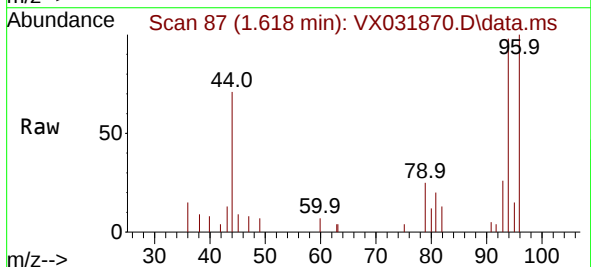
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)

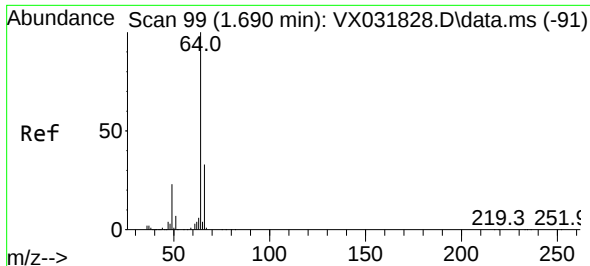
Tgt Ion:168 Resp: 132062
Ion Ratio Lower Upper
168 100
99 43.6 48.8 73.2#



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

Tgt Ion: 94 Resp: 2262
Ion Ratio Lower Upper
94 100
96 101.7 74.4 111.6

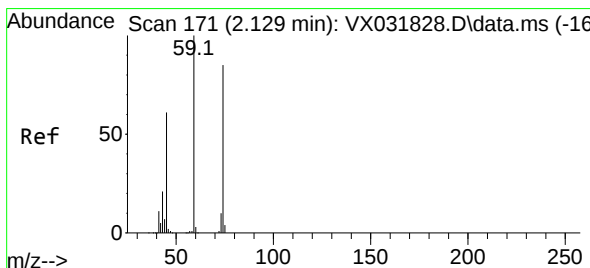
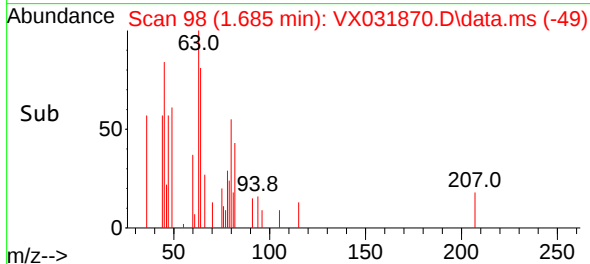
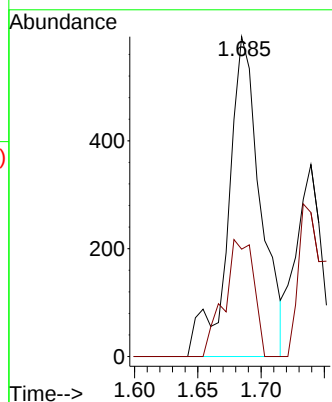
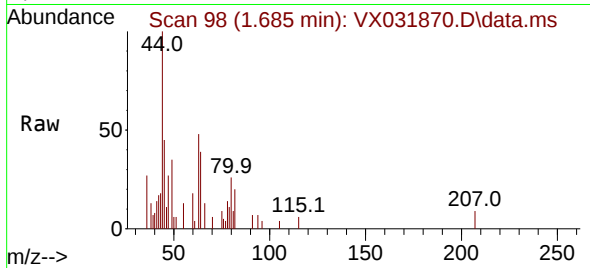




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

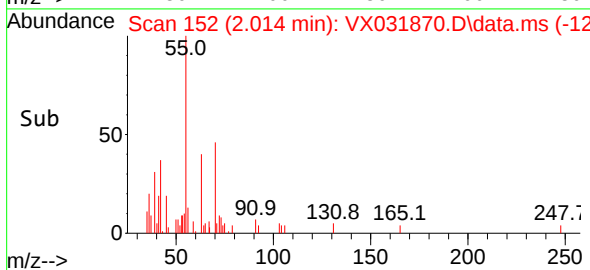
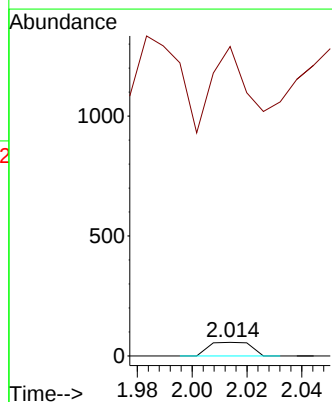
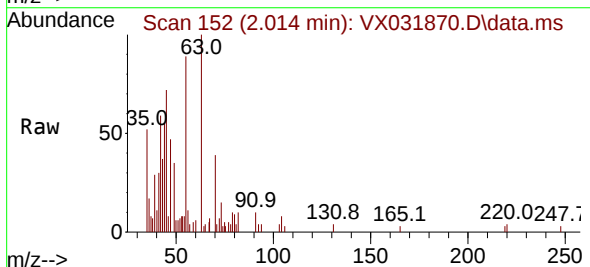
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ClientSampleId :
D22014-(5-5.5)

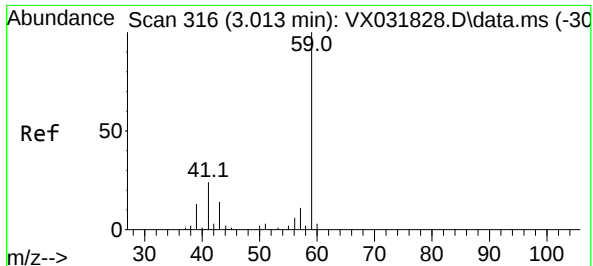
Tgt Ion: 64 Resp: 1049
Ion Ratio Lower Upper
64 100
66 33.6 25.0 37.4



#8
Diethyl Ether
Concen: Below Cal
RT: 2.014 min Scan# 152
Delta R.T. -0.116 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

Tgt Ion: 74 Resp: 61
Ion Ratio Lower Upper
74 100
45 0.0 48.5 145.6#





#11

Tert butyl alcohol

Concen: 2.535 ug/l

RT: 3.075 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

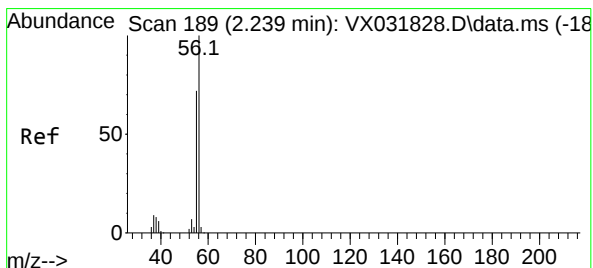
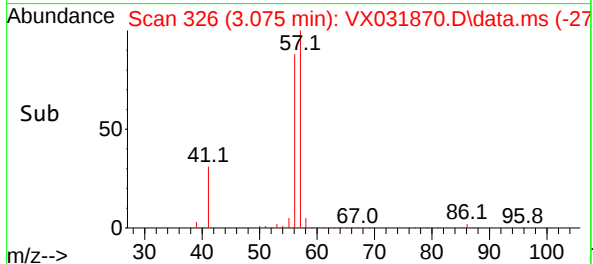
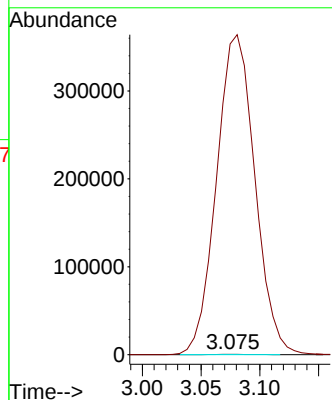
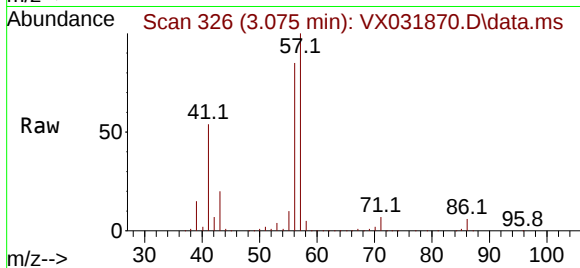
D22014-(5-5.5)

Tgt Ion: 59 Resp: 835

Ion Ratio Lower Upper

59 100

57 99417.0 8.2 12.2#



#13

Acrolein

Concen: 41.371 ug/l

RT: 2.185 min Scan# 180

Delta R.T. -0.054 min

Lab File: VX031870.D

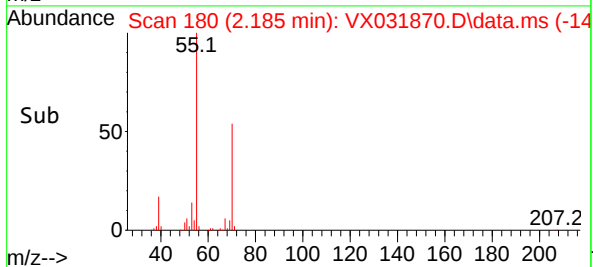
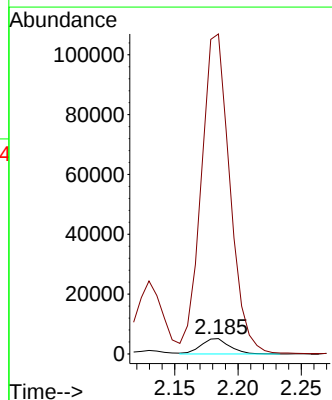
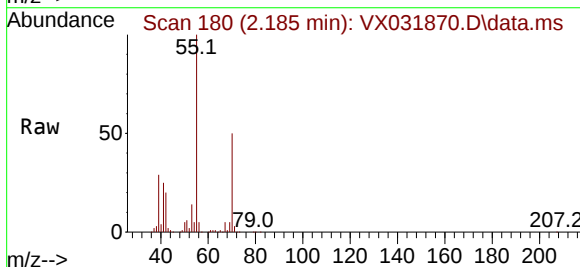
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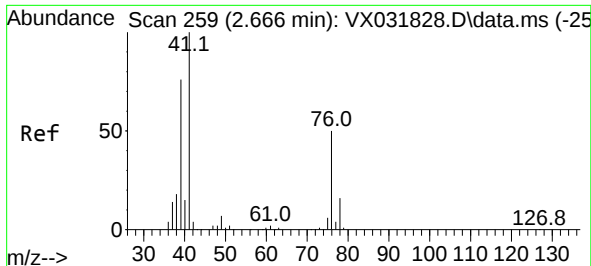
Tgt Ion: 56 Resp: 8068

Ion Ratio Lower Upper

56 100

55 2086.4 56.0 84.0#

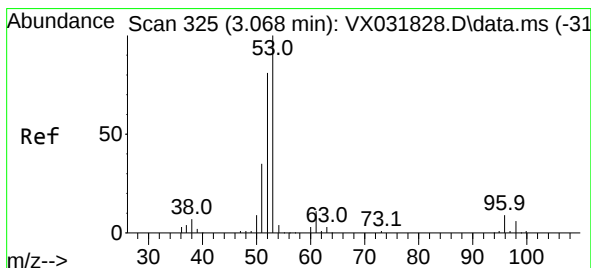
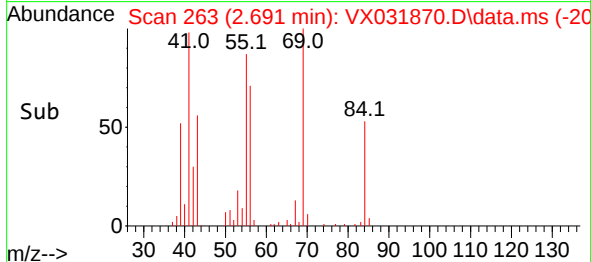
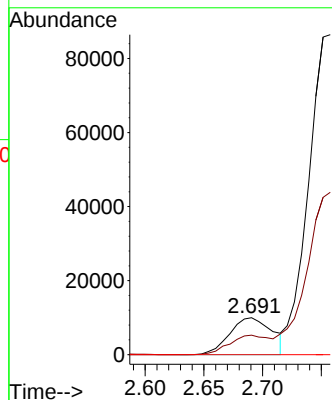
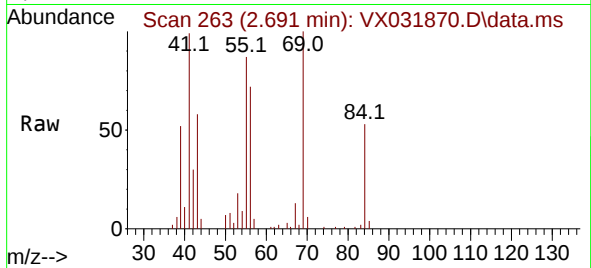




#14
 Allyl chloride
 Concen: 10.640 ug/l
 RT: 2.691 min Scan# 21
 Delta R.T. 0.031 min
 Lab File: VX031870.D
 Acq: 04 Oct 2022 15:33

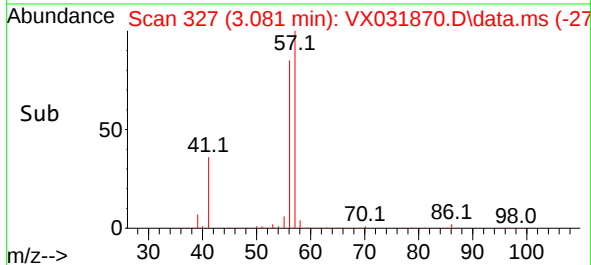
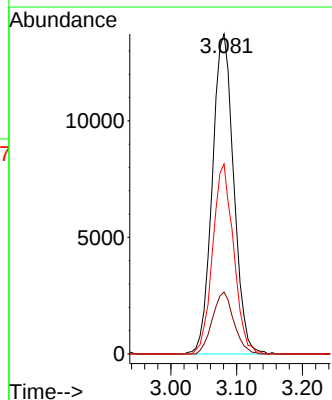
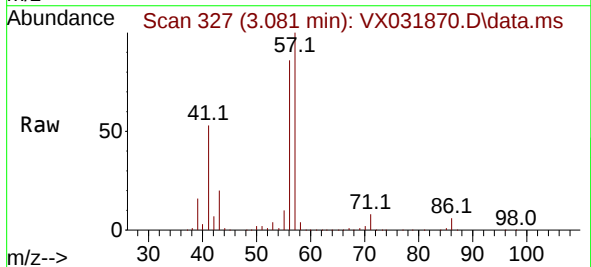
Instrument :
 MSVOA_X
 ClientSampleId :
 D22014-(5-5.5)

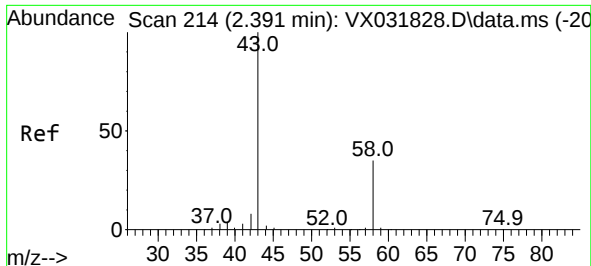
Tgt Ion: 41 Resp: 25065
 Ion Ratio Lower Upper
 41 100
 39 50.9 58.2 87.4#
 76 0.0 26.9 40.3#



#15
 Acrylonitrile
 Concen: 36.137 ug/l
 RT: 3.081 min Scan# 327
 Delta R.T. 0.013 min
 Lab File: VX031870.D
 Acq: 04 Oct 2022 15:33

Tgt Ion: 53 Resp: 31093
 Ion Ratio Lower Upper
 53 100
 52 19.3 66.9 100.3#
 51 58.0 30.0 45.0#





#16

Acetone

Concen: 6.209 ug/l

RT: 2.422 min Scan# 21

Delta R.T. 0.030 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

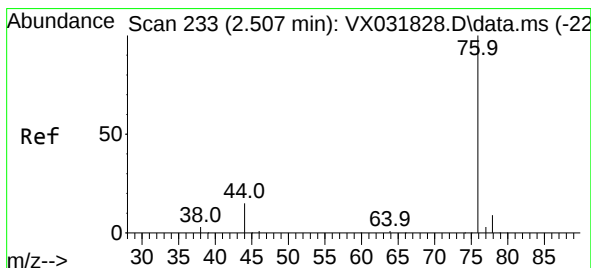
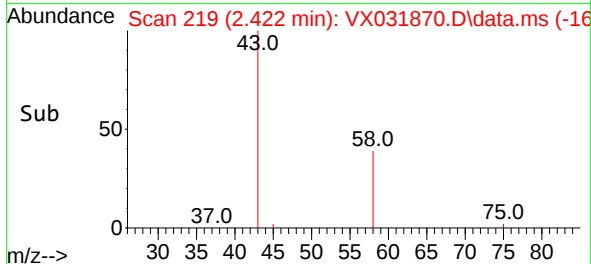
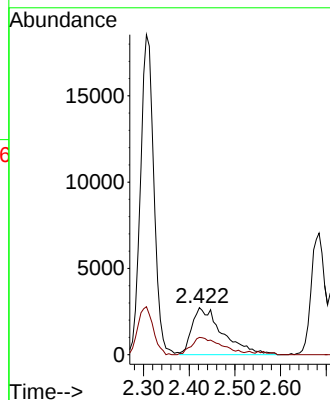
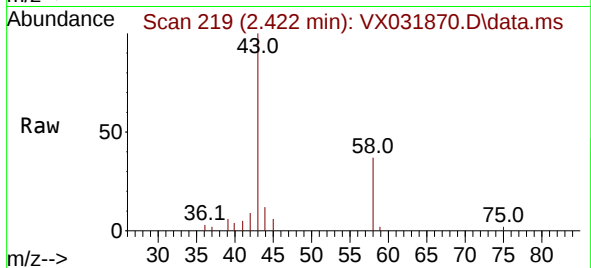
D22014-(5-5.5)

Tgt Ion: 43 Resp: 12689

Ion Ratio Lower Upper

43 100

58 36.7 23.8 35.8#



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.483 min Scan# 229

Delta R.T. -0.025 min

Lab File: VX031870.D

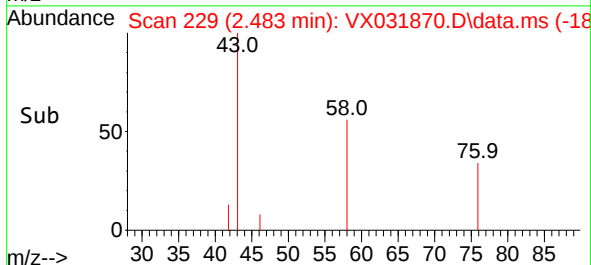
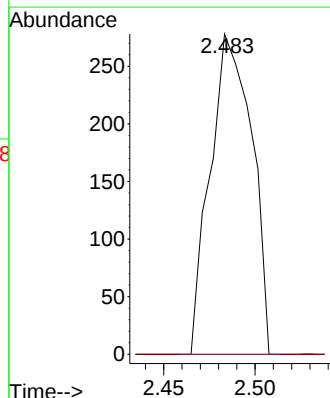
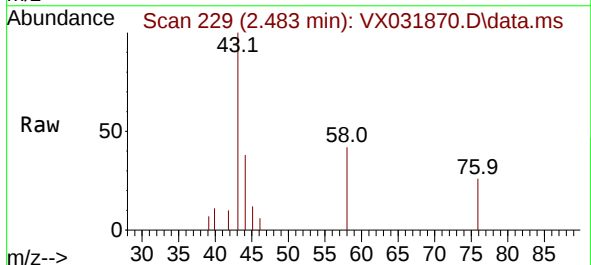
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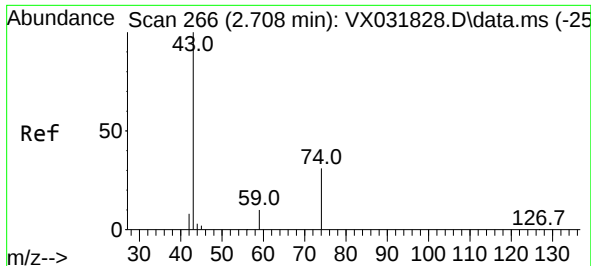
Tgt Ion: 76 Resp: 439

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

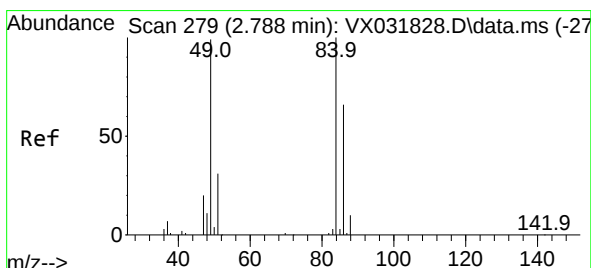
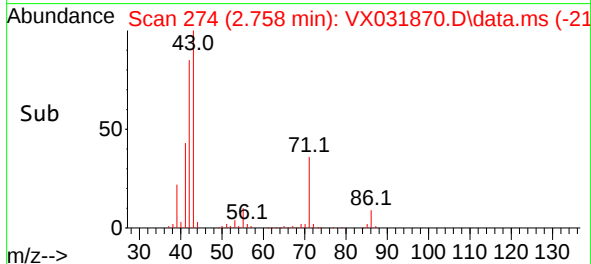
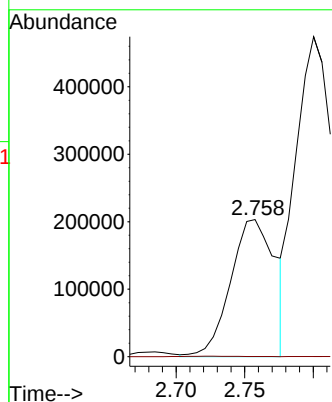
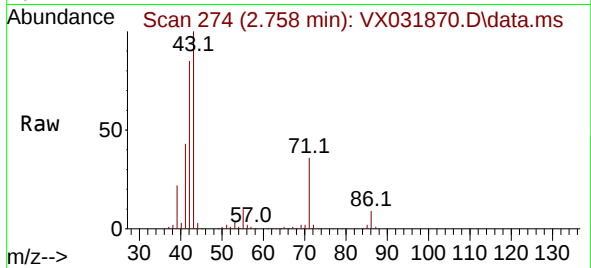




#18
Methyl Acetate
Concen: 208.015 ug/l
RT: 2.758 min Scan# 21
Delta R.T. 0.049 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

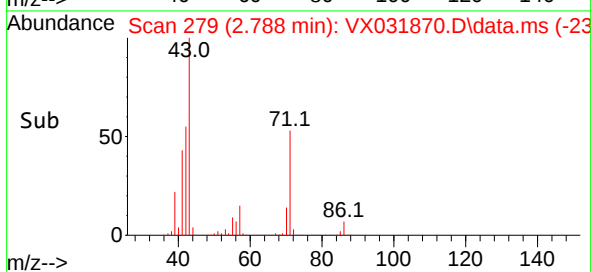
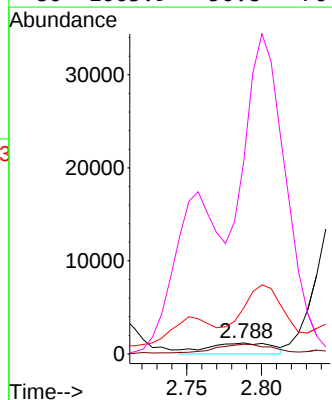
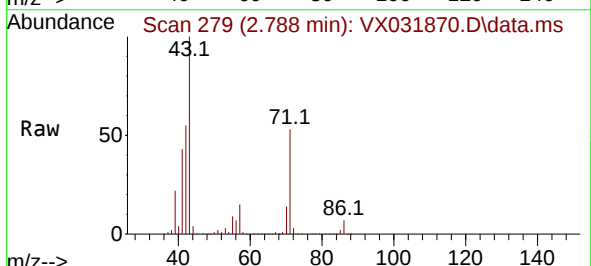
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)

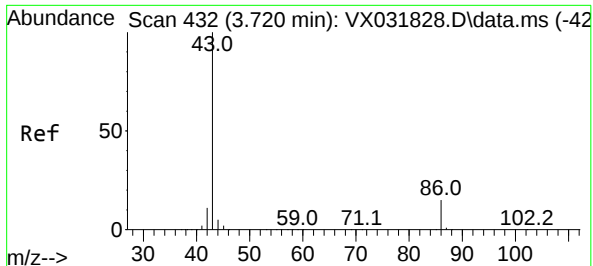
Tgt Ion: 43 Resp: 460367
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#20
Methylene Chloride
Concen: 1.713 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

Tgt Ion: 84 Resp: 3546
Ion Ratio Lower Upper
84 100
49 119.7 105.9 158.9
51 229.5 32.2 48.2#
86 1063.9 50.8 76.2#

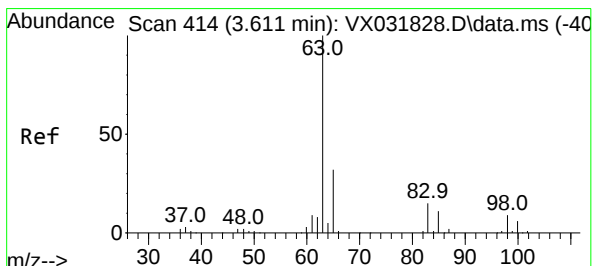
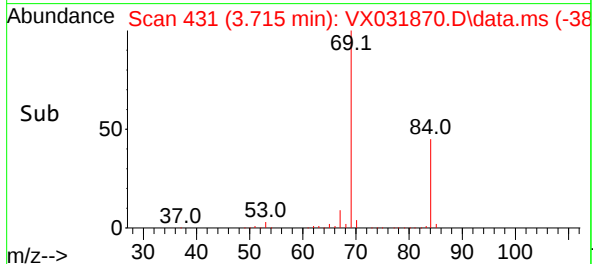
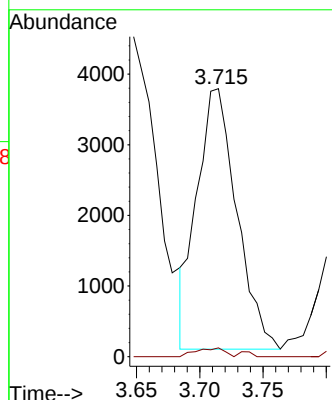
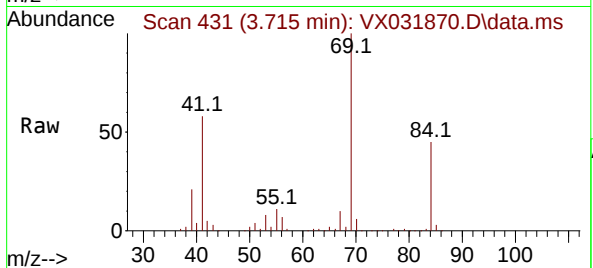




#23
 Vinyl Acetate
 Concen: 2.162 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX031870.D
 Acq: 04 Oct 2022 15:33

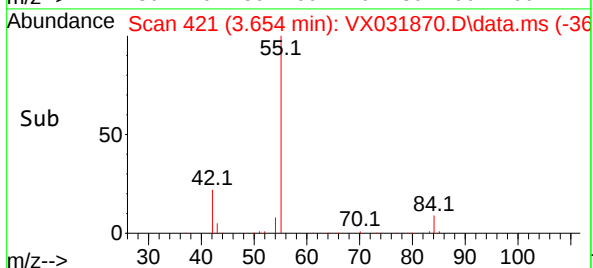
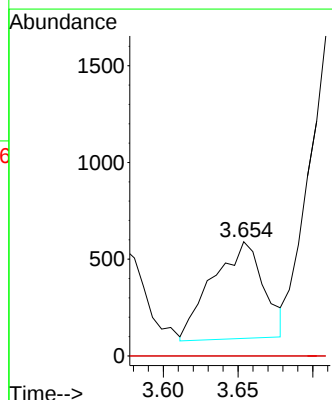
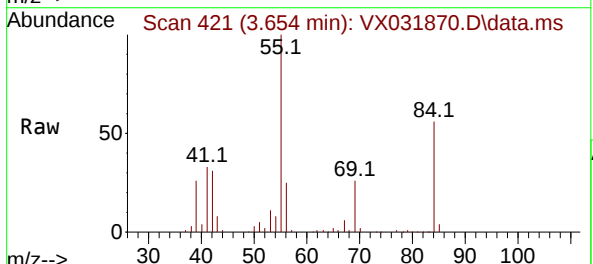
Instrument :
 MSVOA_X
 ClientSampleId :
 D22014-(5-5.5)

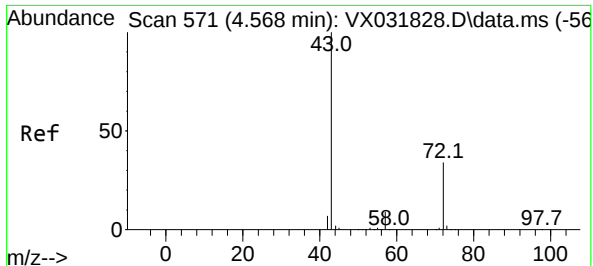
Tgt Ion: 43 Resp: 8079
 Ion Ratio Lower Upper
 43 100
 86 3.4 8.7 13.1#



#24
 1,1-Dichloroethane
 Concen: 0.357 ug/l
 RT: 3.654 min Scan# 421
 Delta R.T. 0.043 min
 Lab File: VX031870.D
 Acq: 04 Oct 2022 15:33

Tgt Ion: 63 Resp: 1197
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.4#
 100 0.0 2.4 7.2#





#25

2-Butanone

Concen: 2.885 ug/l

RT: 4.617 min Scan# 51

Delta R.T. 0.049 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

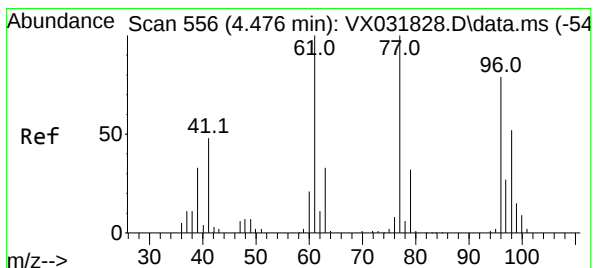
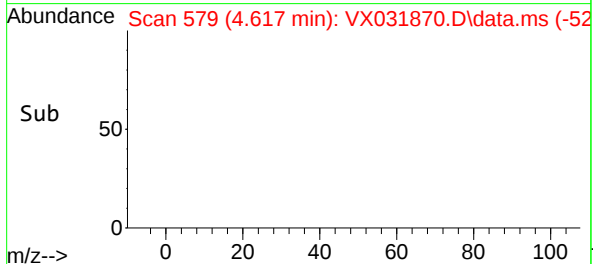
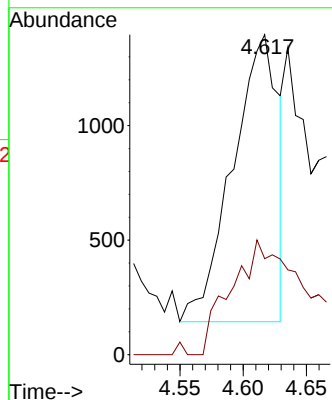
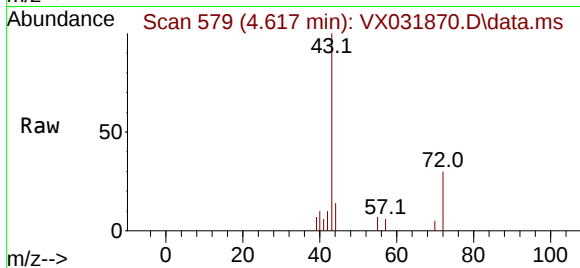
D22014-(5-5.5)

Tgt Ion: 43 Resp: 3132

Ion Ratio Lower Upper

43 100

72 29.1 21.1 31.7



#26

2,2-Dichloropropane

Concen: 3.481 ug/l

RT: 4.288 min Scan# 525

Delta R.T. -0.189 min

Lab File: VX031870.D

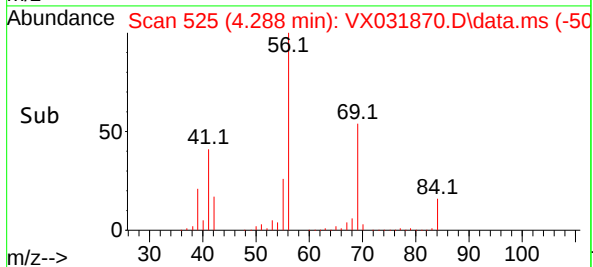
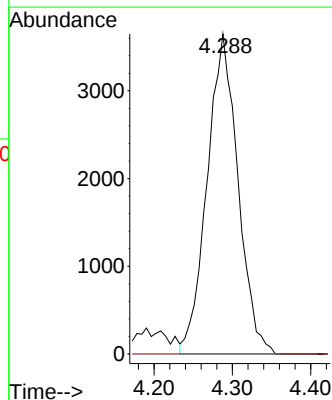
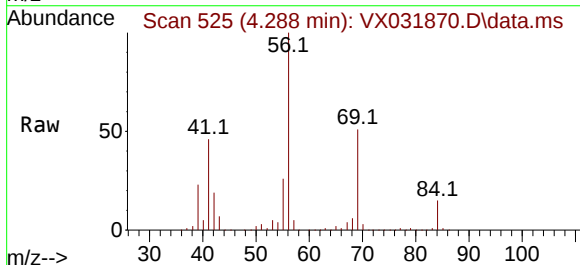
Acq: 04 Oct 2022 15:33

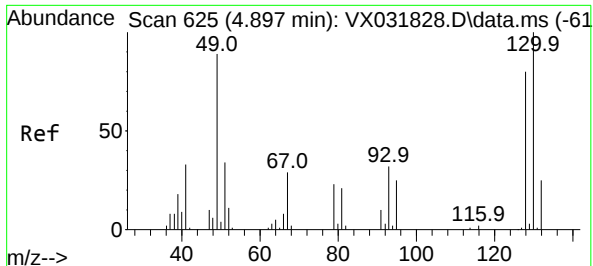
Tgt Ion: 77 Resp: 9977

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.6#

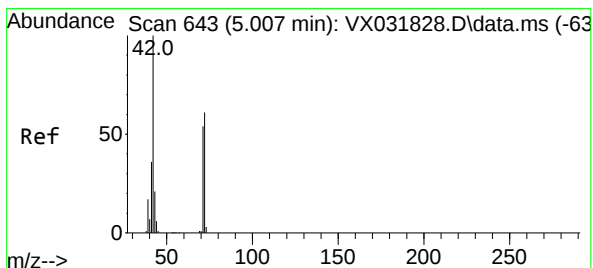
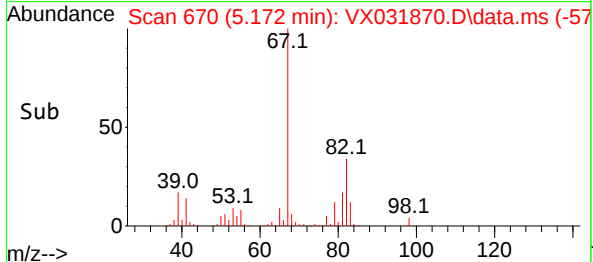
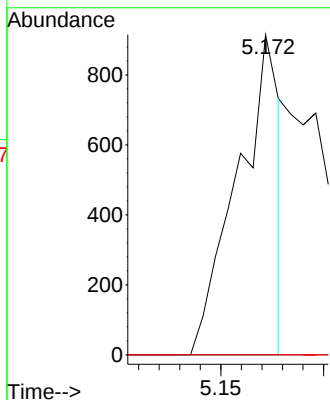
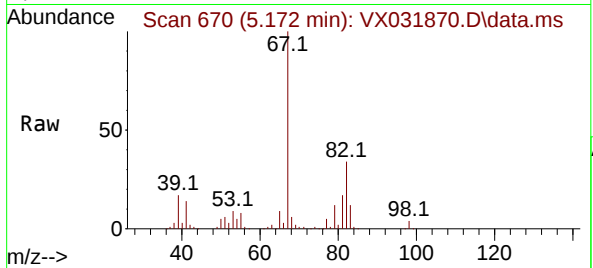




#28
Bromochloromethane
Concen: 0.962 ug/l
RT: 5.172 min Scan# 61
Delta R.T. 0.275 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

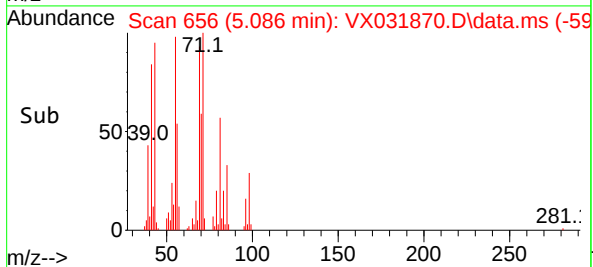
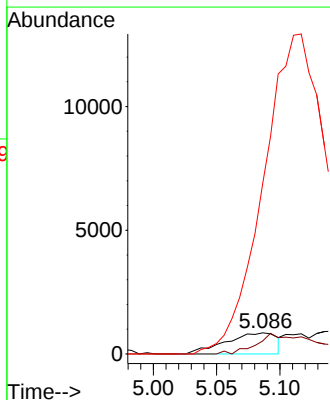
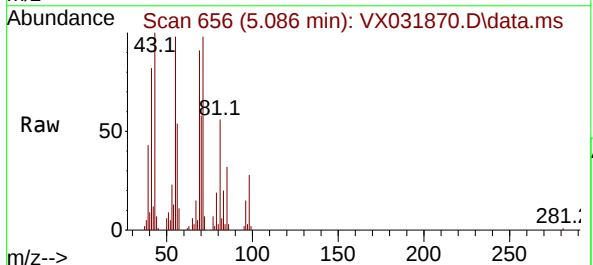
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)

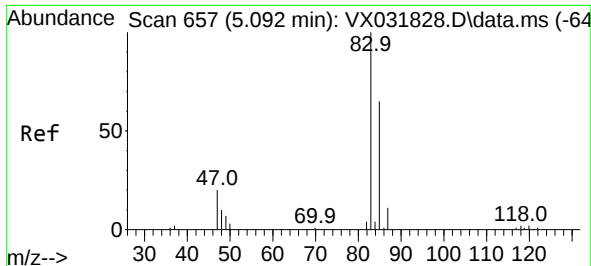
Tgt Ion: 49 Resp: 1305
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 59.0 88.4#



#29
Tetrahydrofuran
Concen: 3.582 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.073 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

Tgt Ion: 42 Resp: 2401
Ion Ratio Lower Upper
42 100
72 114.8 36.4 54.6#
71 0.0 33.5 50.3#

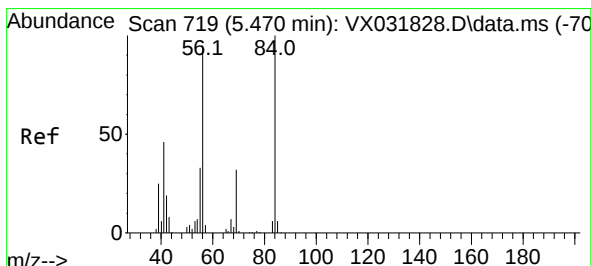
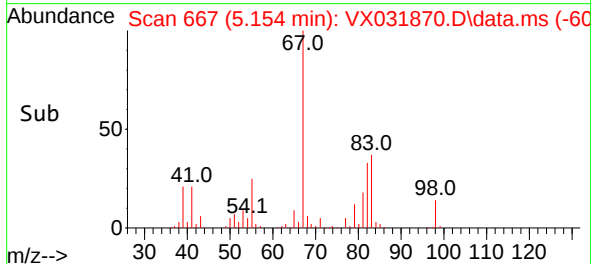
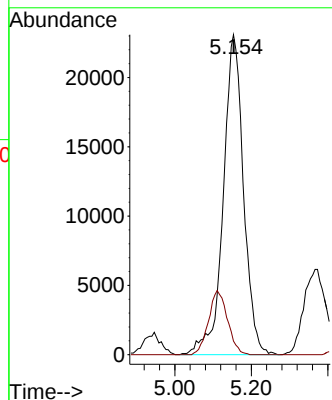
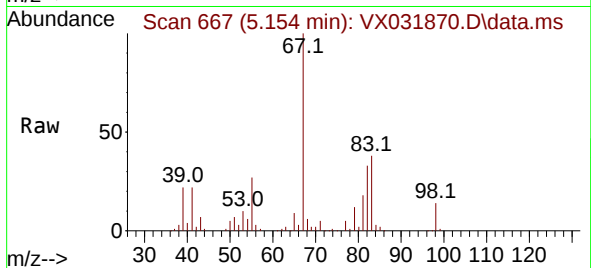




#30
Chloroform
Concen: 21.189 ug/l
RT: 5.154 min Scan# 60
Delta R.T. 0.062 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

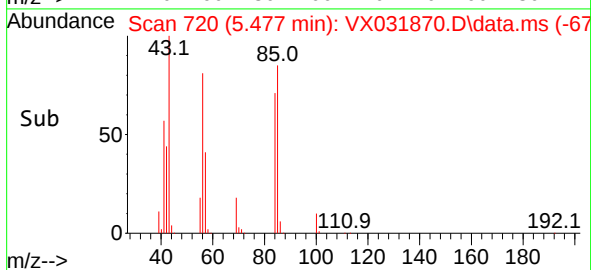
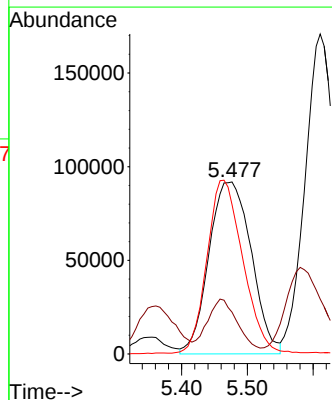
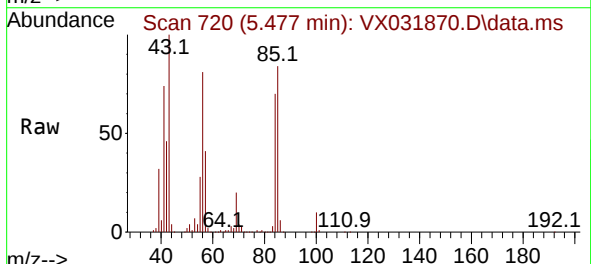
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)

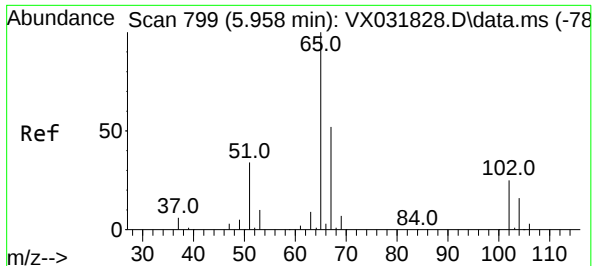
Tgt Ion: 83 Resp: 85095
Ion Ratio Lower Upper
83 100
85 4.3 52.8 79.2#



#31
Cyclohexane
Concen: 145.843 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.007 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

Tgt Ion: 56 Resp: 410960
Ion Ratio Lower Upper
56 100
69 11.6 25.1 37.7#
84 88.1 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 37.195 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.012 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

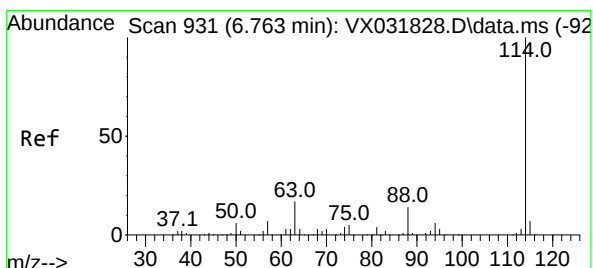
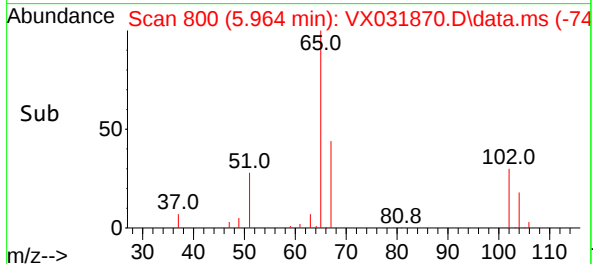
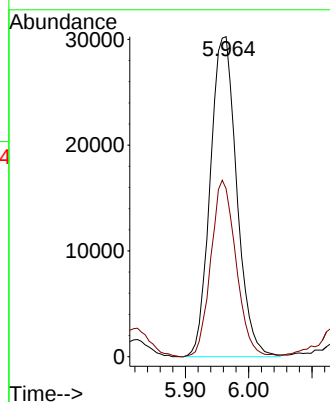
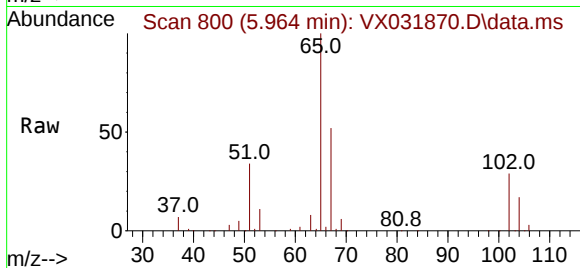
D22014-(5-5.5)

Tgt Ion: 65 Resp: 88001

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

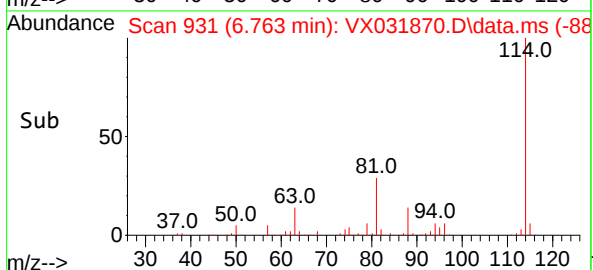
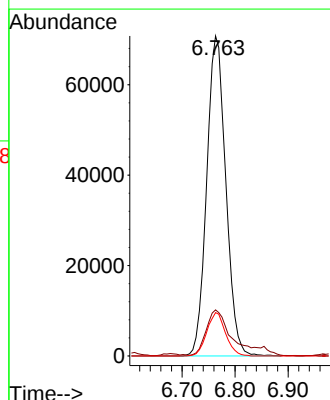
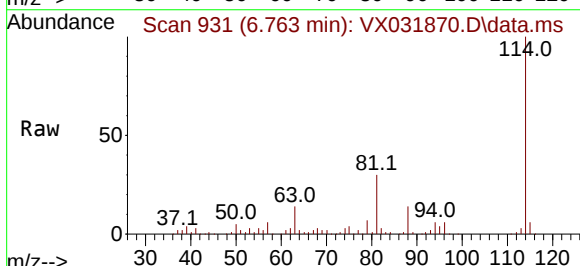
Tgt Ion: 114 Resp: 177071

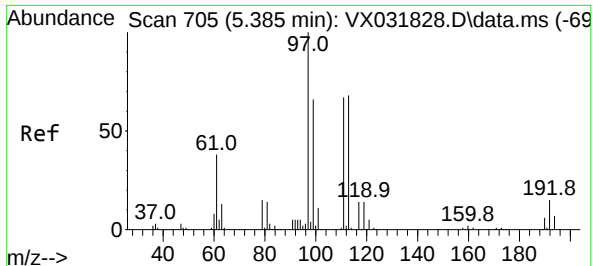
Ion Ratio Lower Upper

114 100

63 14.1 0.0 42.6

88 13.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 42.683 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX031870.D

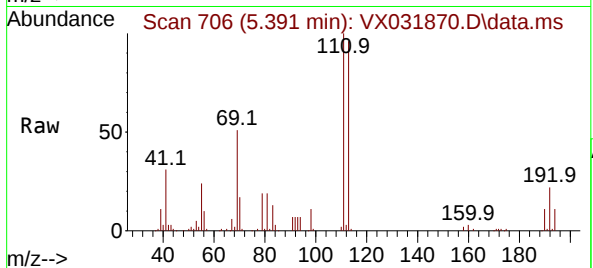
Acq: 04 Oct 2022 15:33

Instrument :

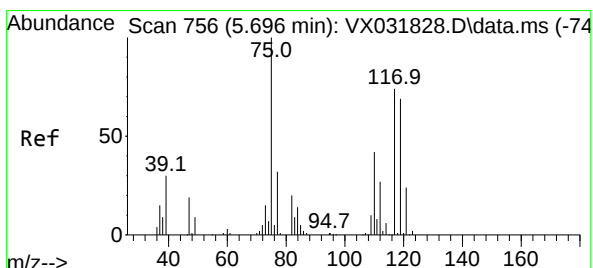
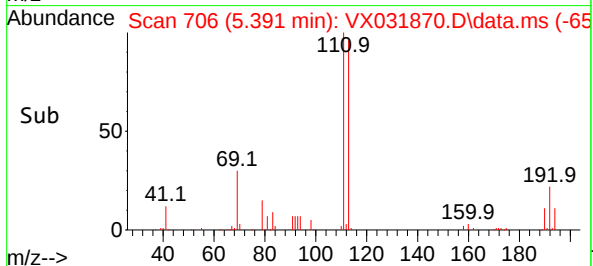
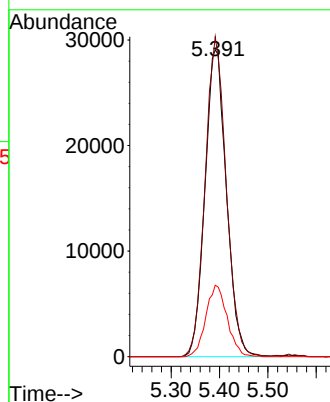
MSVOA_X

ClientSampleId :

D22014-(5-5.5)



Tgt Ion:	113	Resp:	89796
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	23.1	14.1	21.1#



#36

1,1-Dichloropropene

Concen: 2.917 ug/l

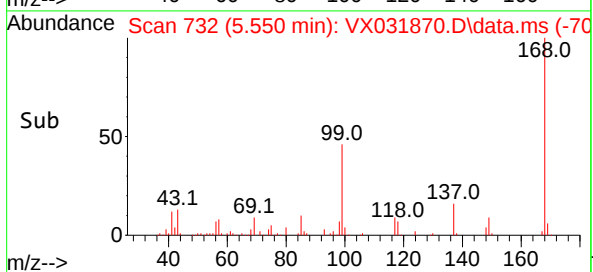
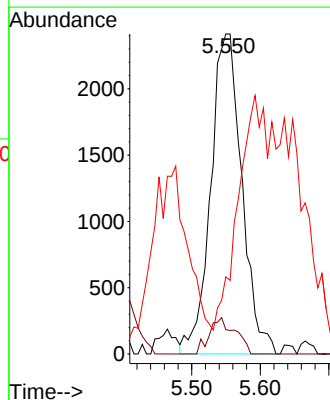
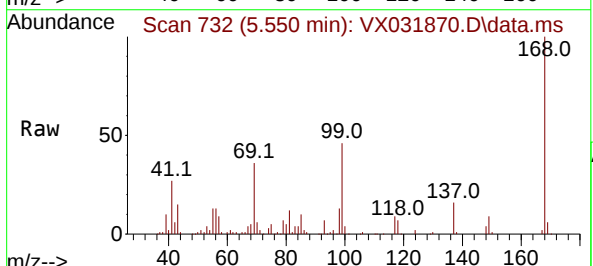
RT: 5.550 min Scan# 732

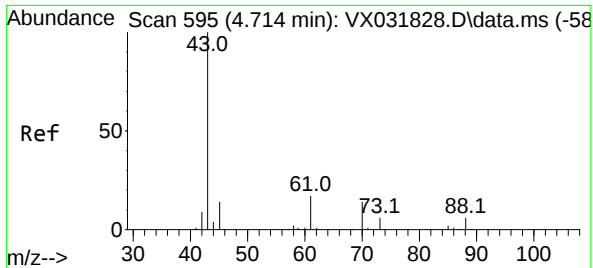
Delta R.T. -0.146 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

Tgt Ion:	75	Resp:	7609
Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.5	52.5#
77	0.0	24.9	37.3#





#37

Ethyl Acetate

Concen: 1.513 ug/l

RT: 4.763 min Scan# 603

Delta R.T. 0.049 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

D22014-(5-5.5)

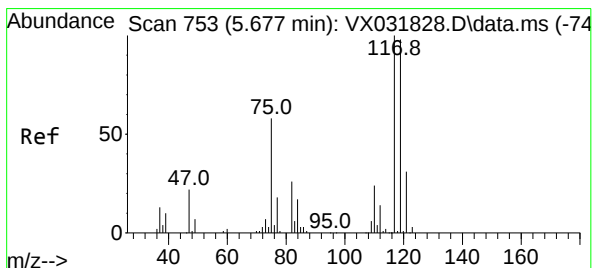
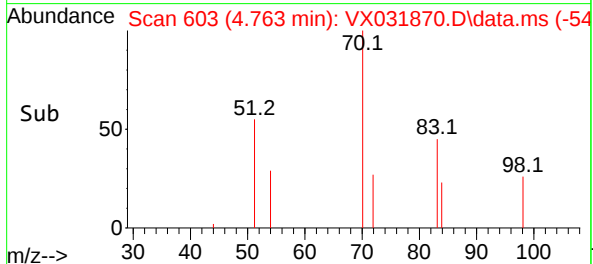
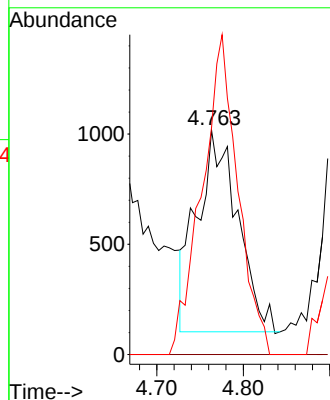
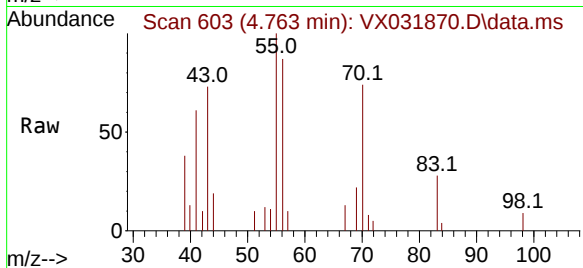
Tgt Ion: 43 Resp: 2987

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

70 139.4 8.6 13.0#



#38

Carbon Tetrachloride

Concen: 3.550 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

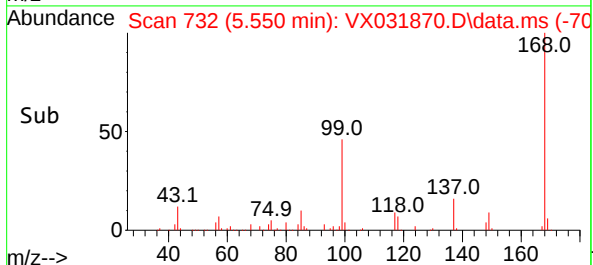
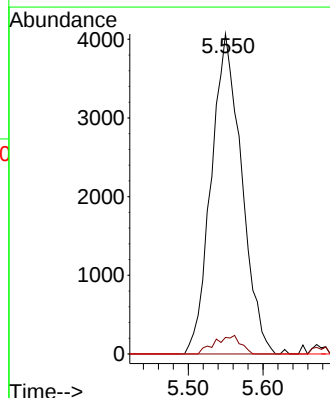
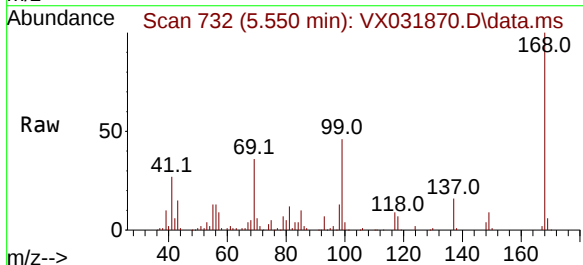
Tgt Ion: 117 Resp: 11497

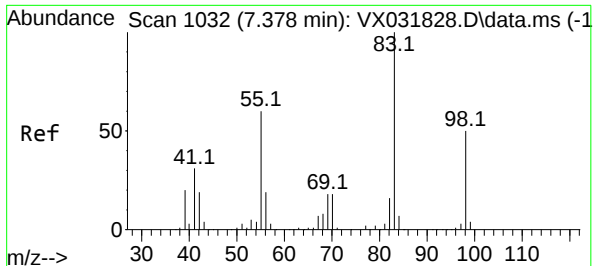
Ion Ratio Lower Upper

117 100

119 5.2 74.6 112.0#

121 0.0 25.3 37.9#





#39

Methylcyclohexane

Concen: 229.712 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

D22014-(5-5.5)

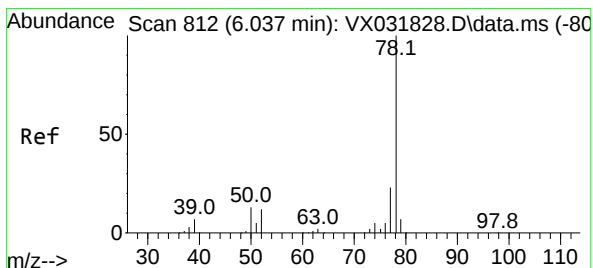
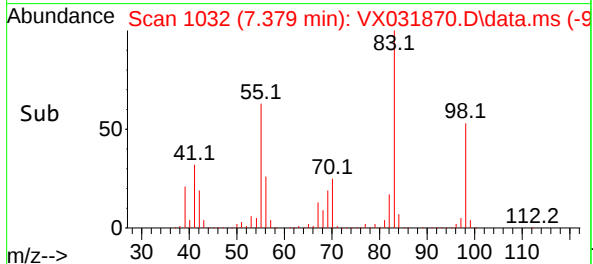
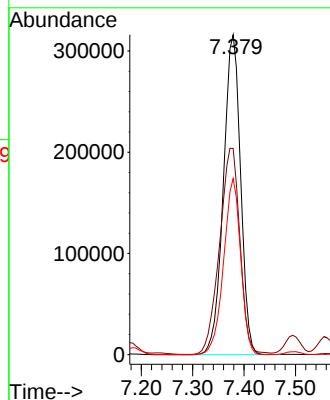
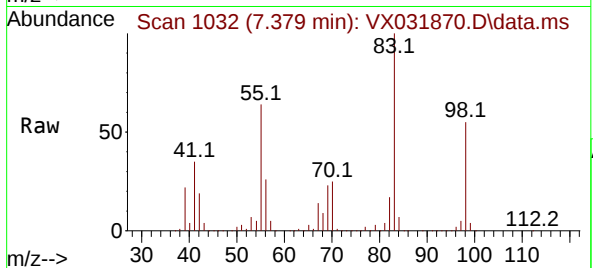
Tgt Ion: 83 Resp: 735119

Ion Ratio Lower Upper

83 100

55 64.3 61.0 91.4

98 55.1 37.7 56.5



#40

Benzene

Concen: 17.581 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX031870.D

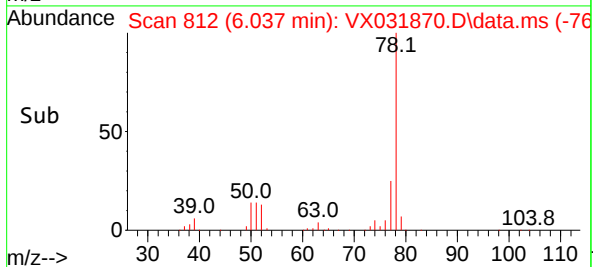
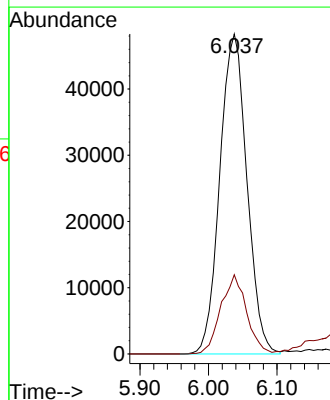
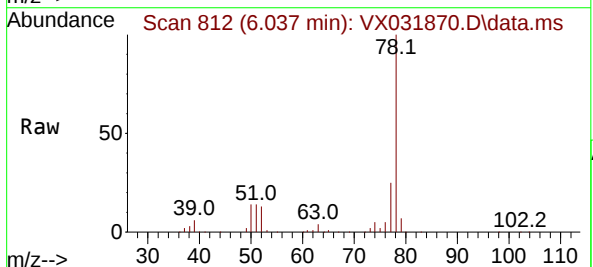
Acq: 04 Oct 2022 15:33

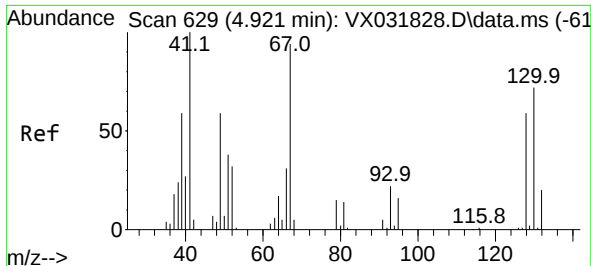
Tgt Ion: 78 Resp: 132489

Ion Ratio Lower Upper

78 100

77 24.7 18.7 28.1

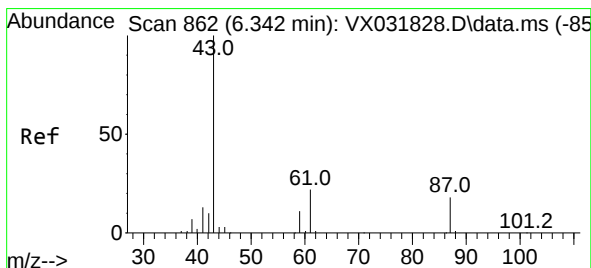
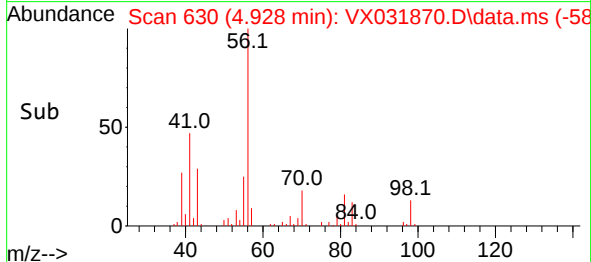
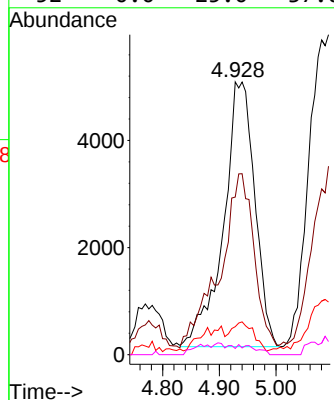
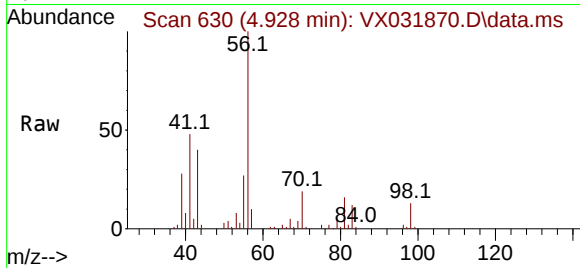




#41
Methacrylonitrile
Concen: 17.706 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

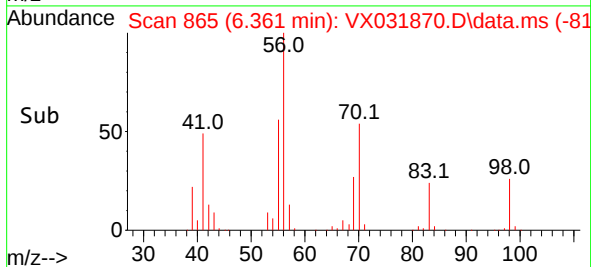
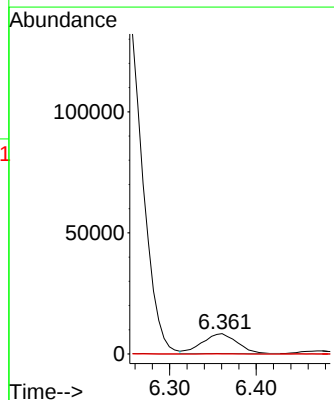
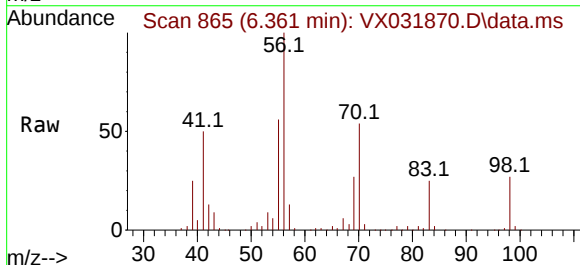
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)

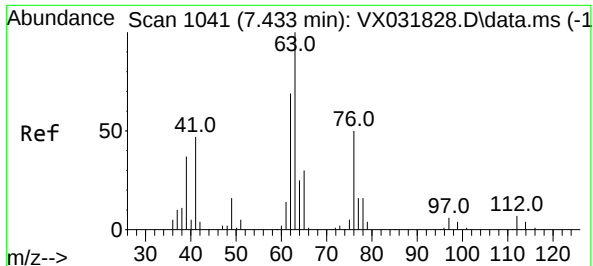
Tgt Ion:	41	Resp:	18999
Ion	Ratio	Lower	Upper
41	100		
39	71.6	45.0	67.6#
67	0.0	58.2	87.4#
52	0.0	25.0	37.6#



#43
Isopropyl Acetate
Concen: 7.092 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.019 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

Tgt Ion:	43	Resp:	22643
Ion	Ratio	Lower	Upper
43	100		
61	1.8	15.3	22.9#
87	0.0	10.6	15.8#





#45

1,2-Dichloropropane

Concen: 5.483 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.054 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

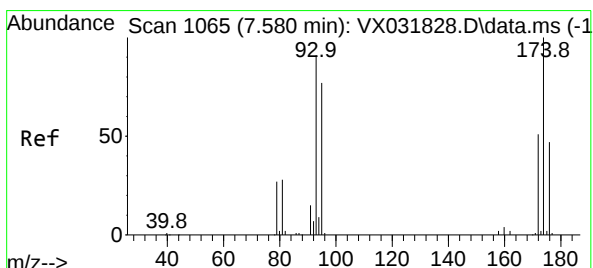
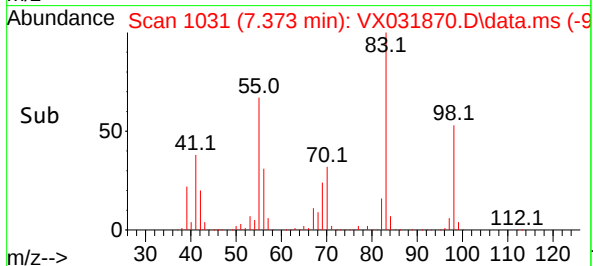
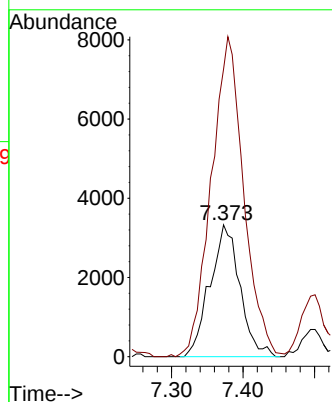
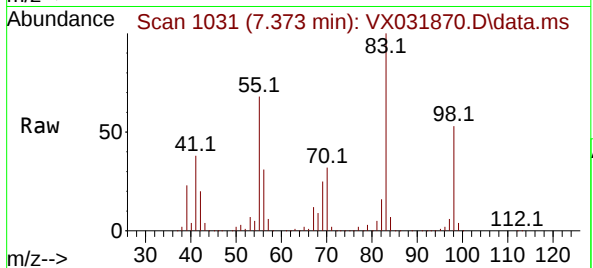
D22014-(5-5.5)

Tgt Ion: 63 Resp: 9680

Ion Ratio Lower Upper

63 100

65 216.1 26.6 39.8#



#46

Dibromomethane

Concen: 0.538 ug/l

RT: 7.549 min Scan# 1060

Delta R.T. -0.031 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

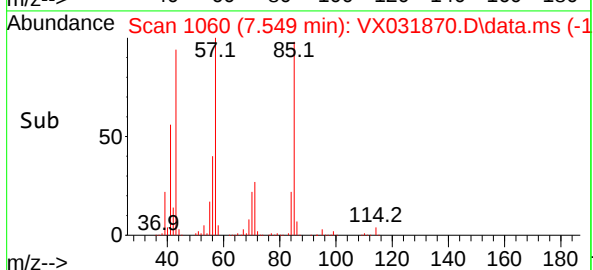
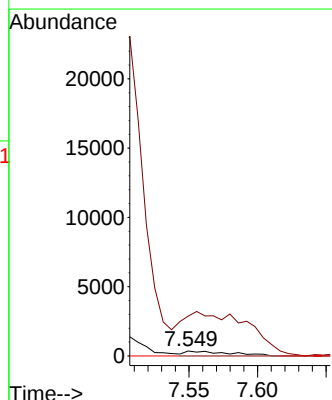
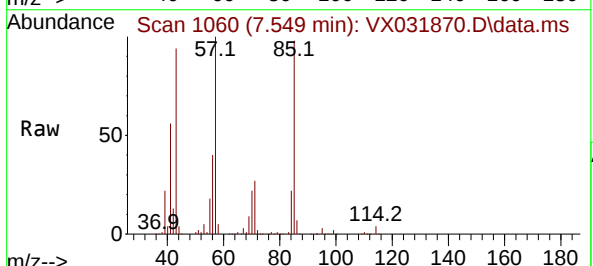
Tgt Ion: 93 Resp: 791

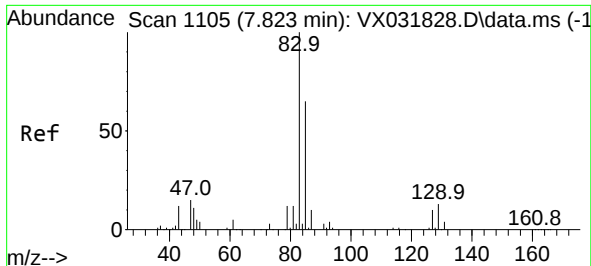
Ion Ratio Lower Upper

93 100

95 1375.5 65.5 98.3#

174 0.0 67.6 101.4#

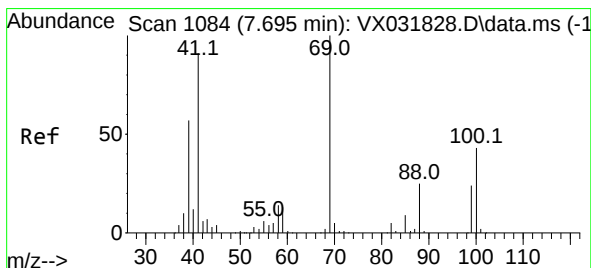
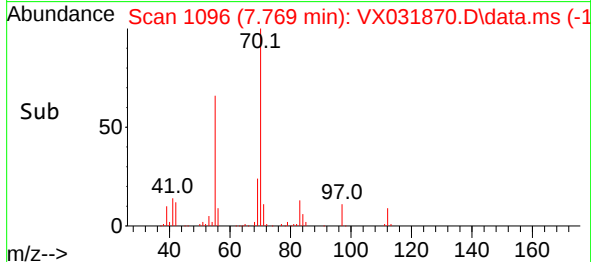
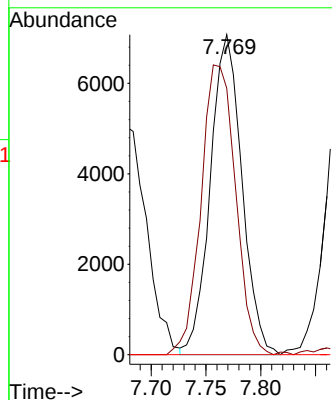
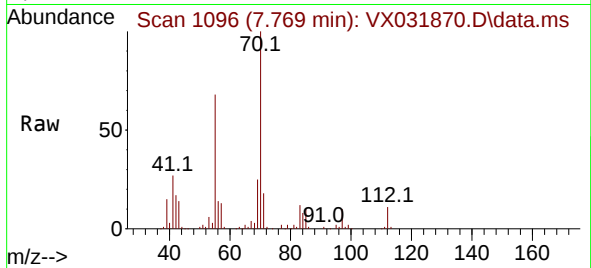




#47
Bromodichloromethane
Concen: 4.814 ug/l
RT: 7.769 min Scan# 1096
Delta R.T. -0.055 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

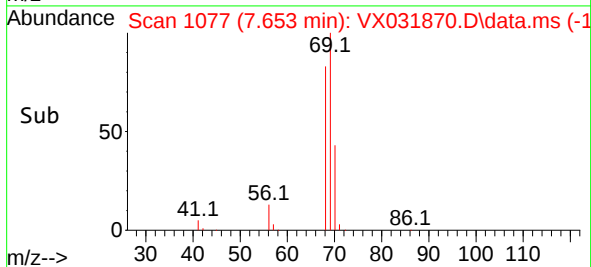
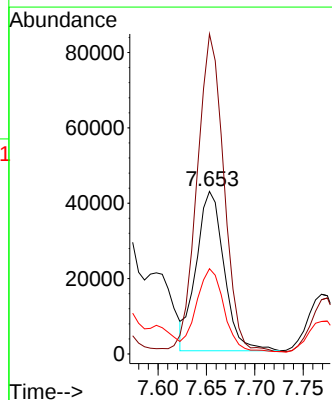
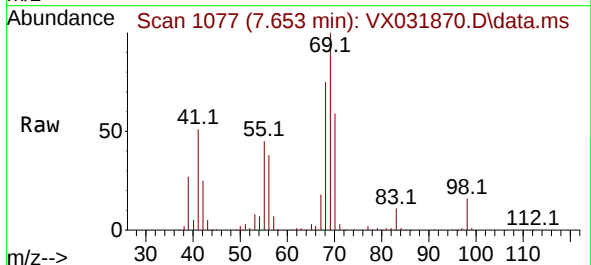
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)

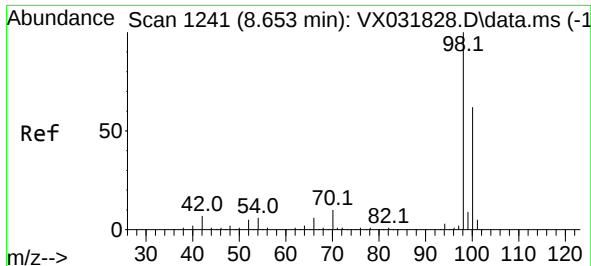
Tgt Ion: 83 Resp: 14178
Ion Ratio Lower Upper
83 100
85 82.4 51.0 76.6#
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 59.454 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.043 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

Tgt Ion: 41 Resp: 84942
Ion Ratio Lower Upper
41 100
69 191.6 64.6 96.8#
39 52.2 51.4 77.0

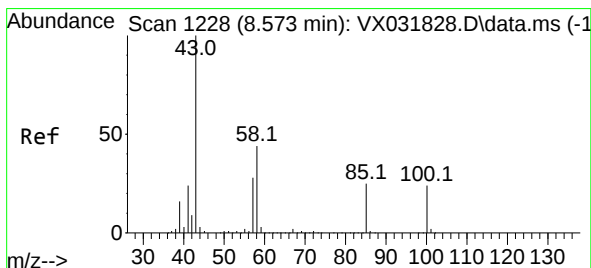
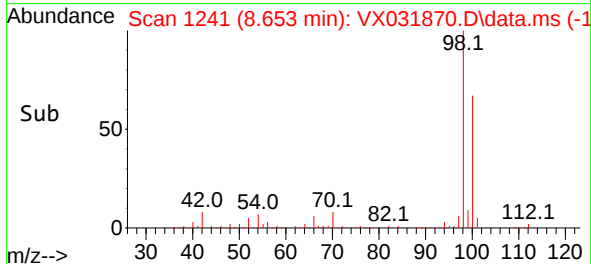
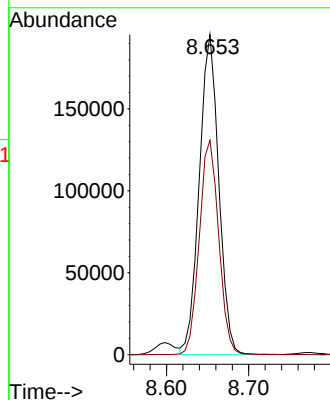
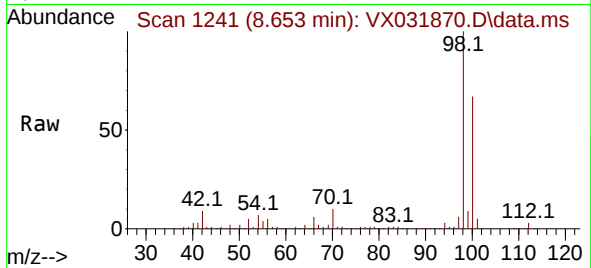




#50
Toluene-d8
Concen: 42.614 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

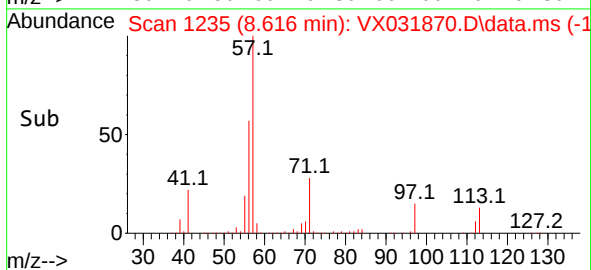
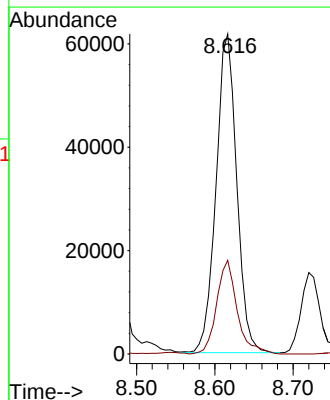
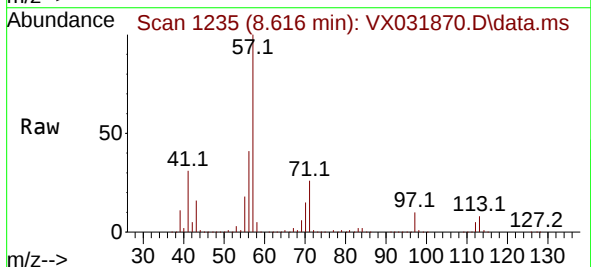
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)

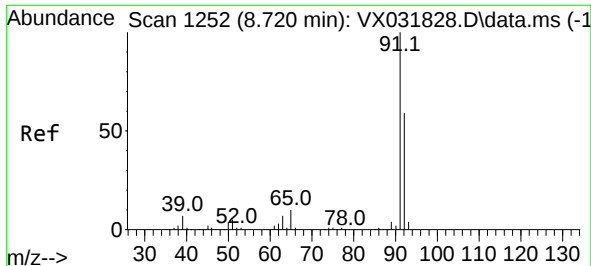
Tgt Ion: 98 Resp: 320710
Ion Ratio Lower Upper
98 100
100 66.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 56.519 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.036 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

Tgt Ion: 43 Resp: 113270
Ion Ratio Lower Upper
43 100
58 29.1 30.6 46.0#

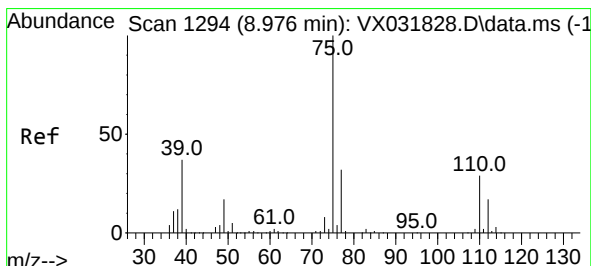
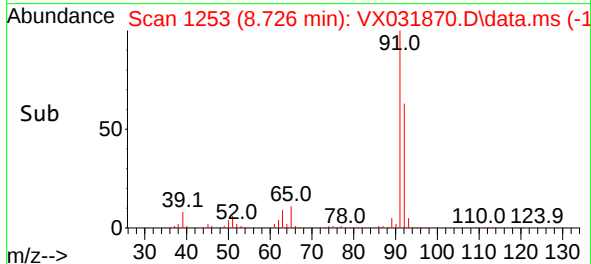
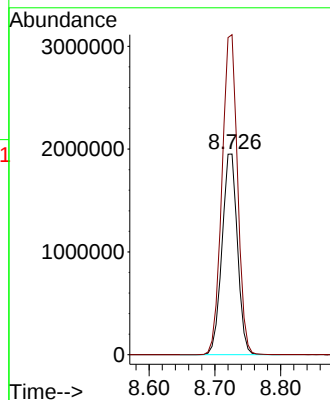
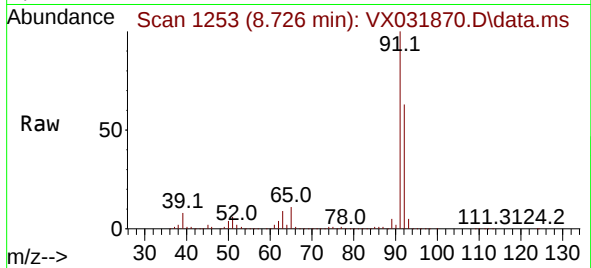




#52
Toluene
Concen: 603.011 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

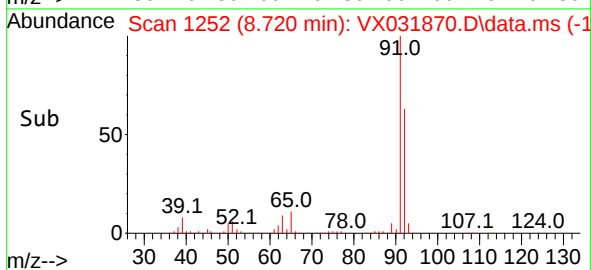
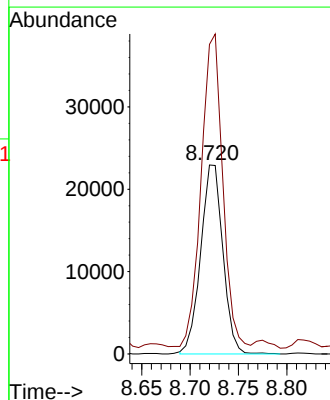
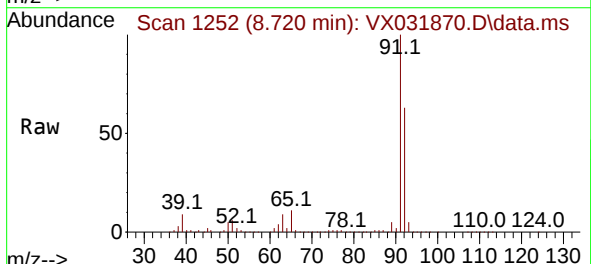
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)

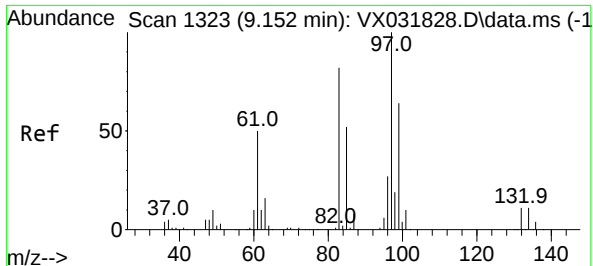
Tgt Ion: 92 Resp: 3185773
Ion Ratio Lower Upper
92 100
91 161.1 137.1 205.7



#53
t-1,3-Dichloropropene
Concen: 13.079 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.256 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

Tgt Ion: 75 Resp: 36729
Ion Ratio Lower Upper
75 100
77 160.8 24.8 37.2#





#55

1,1,2-Trichloroethane

Concen: 72.187 ug/l

RT: 9.104 min Scan# 1

Delta R.T. -0.049 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

D22014-(5-5.5)

Tgt Ion: 97 Resp: 152009

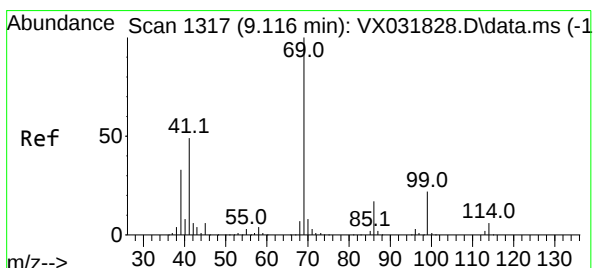
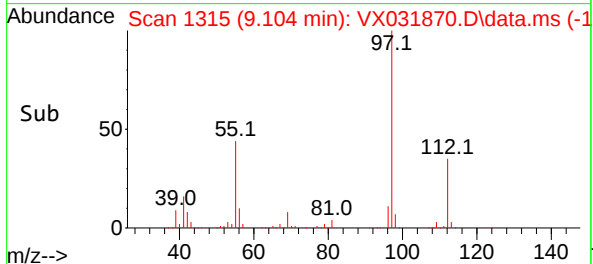
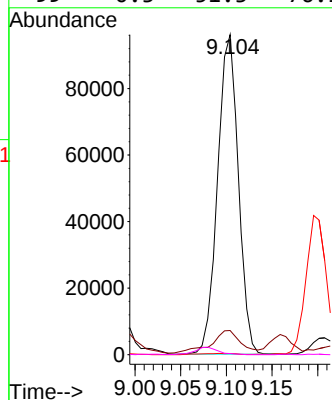
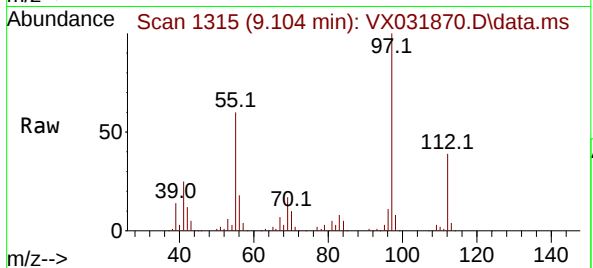
Ion Ratio Lower Upper

97 100

83 6.6 69.0 103.6#

85 0.3 44.1 66.1#

99 0.3 51.3 76.9#



#56

Ethyl methacrylate

Concen: 11.962 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.018 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

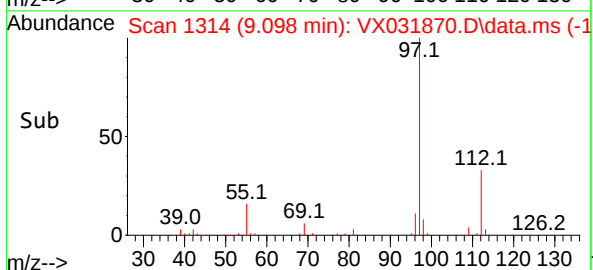
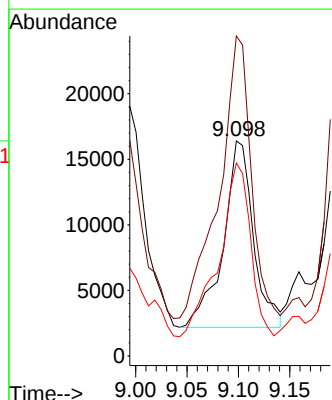
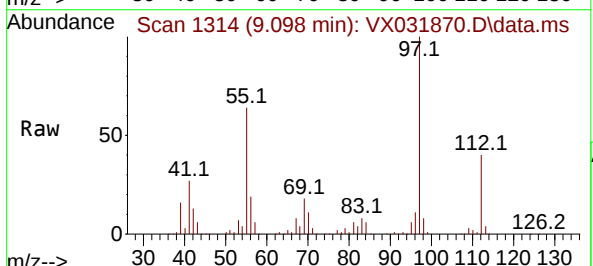
Tgt Ion: 69 Resp: 29126

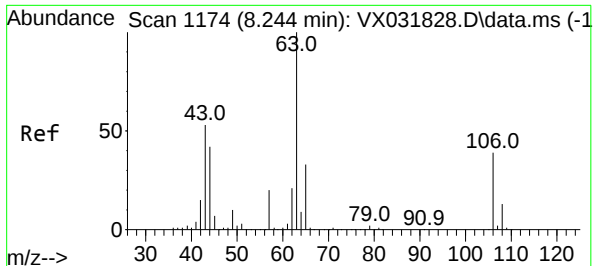
Ion Ratio Lower Upper

69 100

41 158.5 54.2 81.4#

39 96.5 34.2 51.2#





#58

2-Chloroethyl Vinyl ether

Concen: 0.519 ug/l

RT: 8.269 min Scan# 1178

Delta R.T. 0.025 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

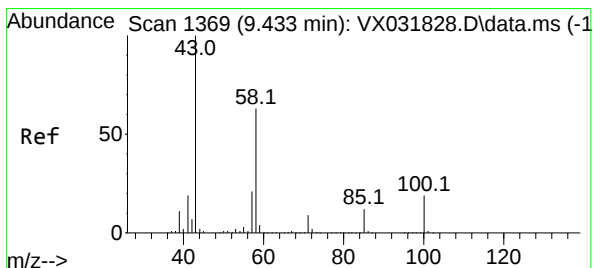
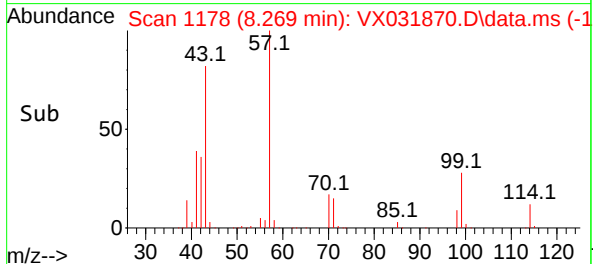
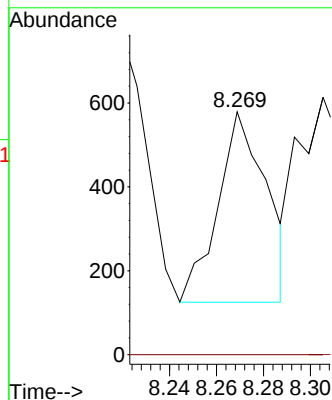
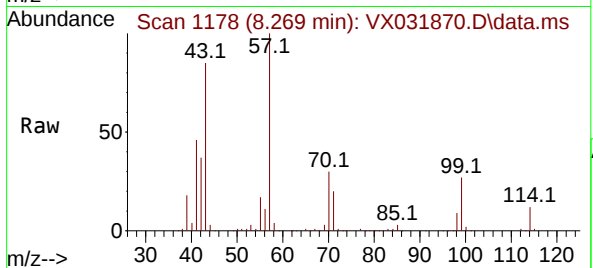
D22014-(5-5.5)

Tgt Ion: 63 Resp: 651

Ion Ratio Lower Upper

63 100

106 0.0 22.6 34.0#



#59

2-Hexanone

Concen: 33.262 ug/l

RT: 9.384 min Scan# 1361

Delta R.T. -0.049 min

Lab File: VX031870.D

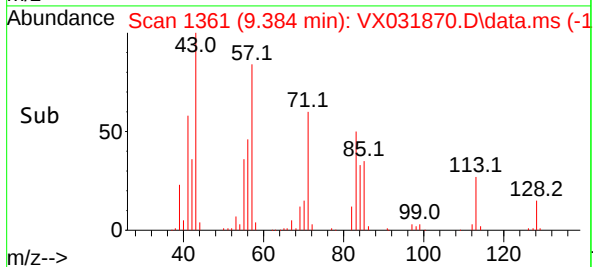
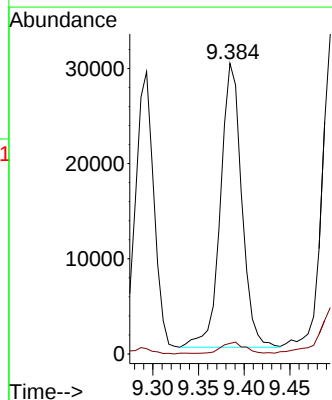
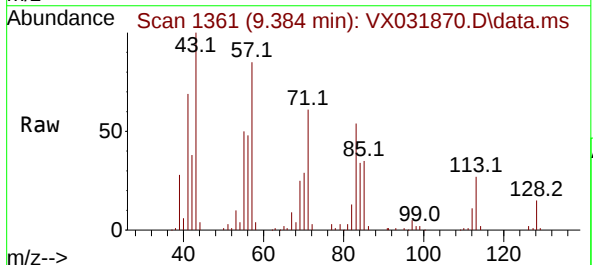
Acq: 04 Oct 2022 15:33

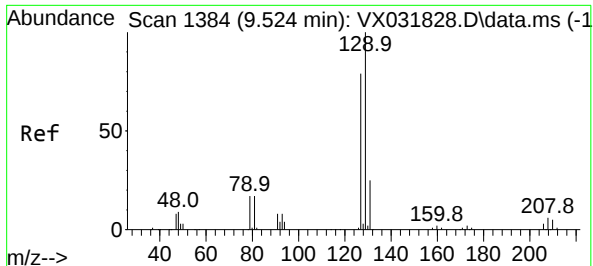
Tgt Ion: 43 Resp: 48461

Ion Ratio Lower Upper

43 100

58 4.5 26.7 80.0#

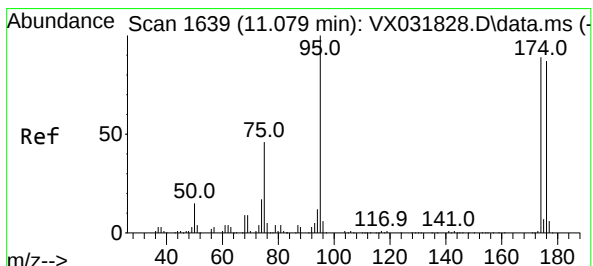
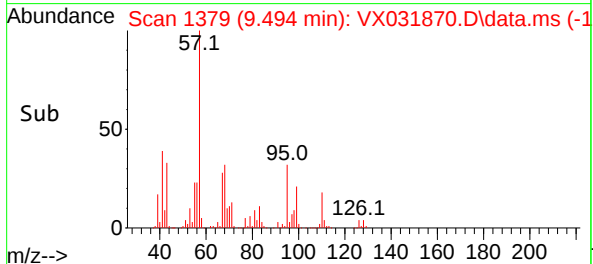
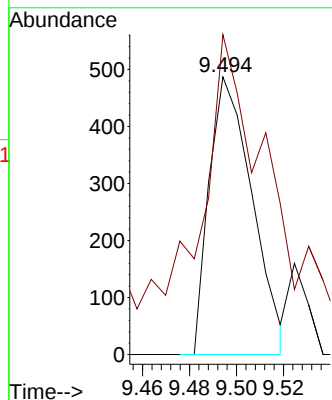
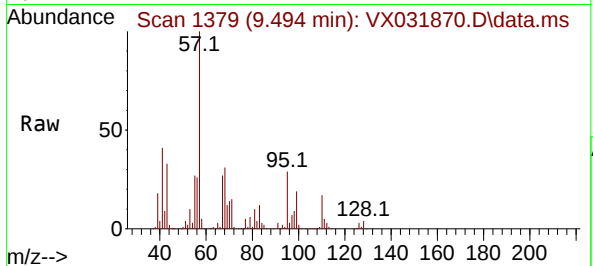




#60
Dibromochloromethane
Concen: 0.242 ug/l
RT: 9.494 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

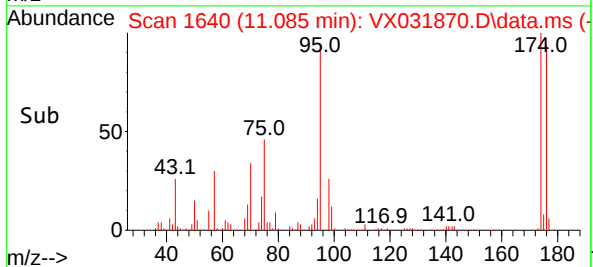
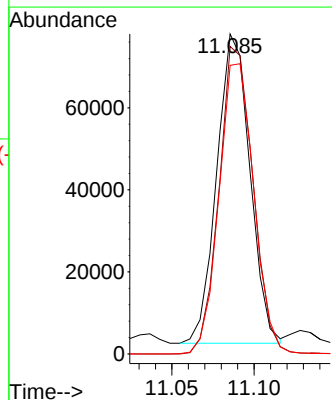
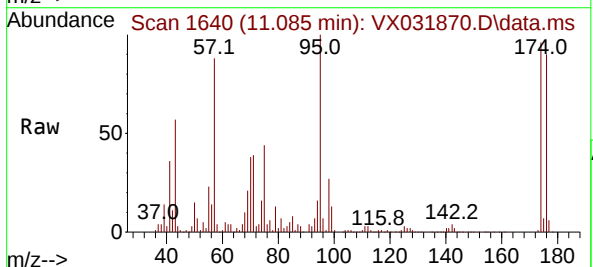
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)

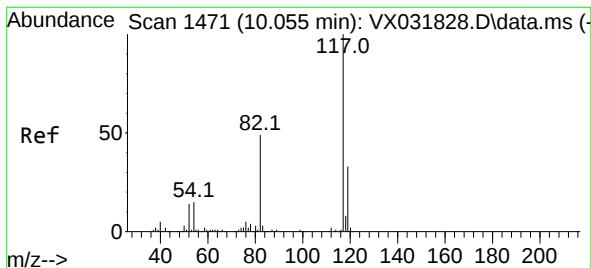
Tgt Ion:129 Resp: 618
Ion Ratio Lower Upper
129 100
127 206.8 38.7 116.1#



#62
4-Bromofluorobenzene
Concen: 38.962 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

Tgt Ion: 95 Resp: 105594
Ion Ratio Lower Upper
95 100
174 101.9 0.0 153.2
176 98.9 0.0 144.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.061 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

D22014-(5-5.5)

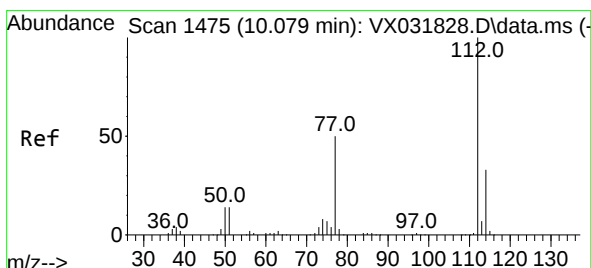
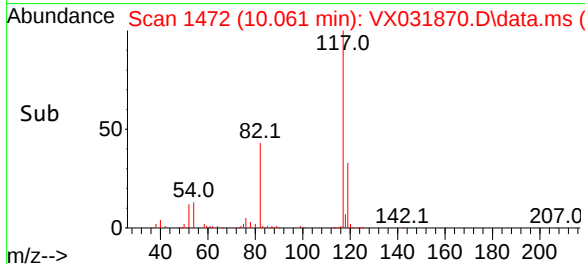
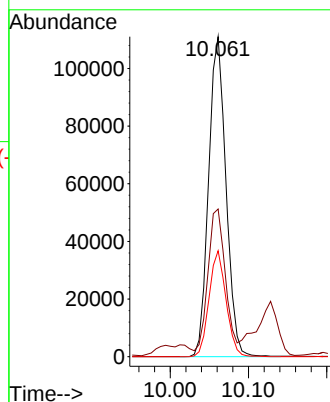
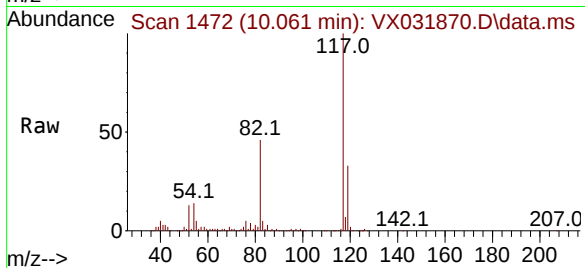
Tgt Ion:117 Resp: 170885

Ion Ratio Lower Upper

117 100

82 42.4 46.8 70.2#

119 33.1 26.4 39.6



#65

Chlorobenzene

Concen: 0.315 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX031870.D

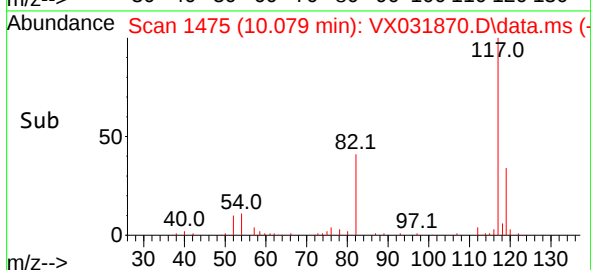
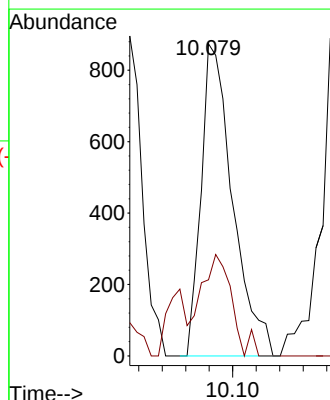
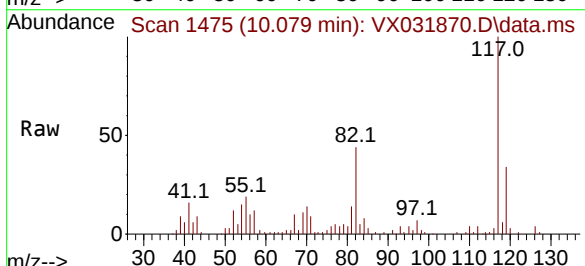
Acq: 04 Oct 2022 15:33

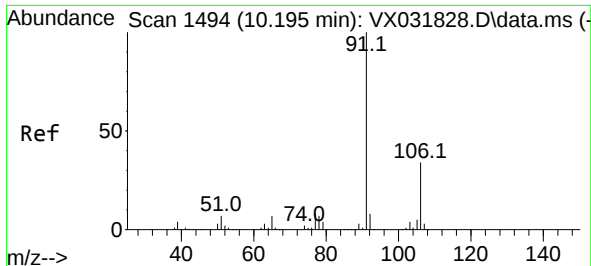
Tgt Ion:112 Resp: 1631

Ion Ratio Lower Upper

112 100

114 24.4 25.7 38.5#





#67

Ethyl Benzene

Concen: 1175.498 ug/l

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

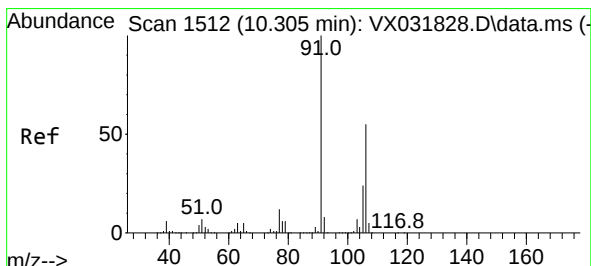
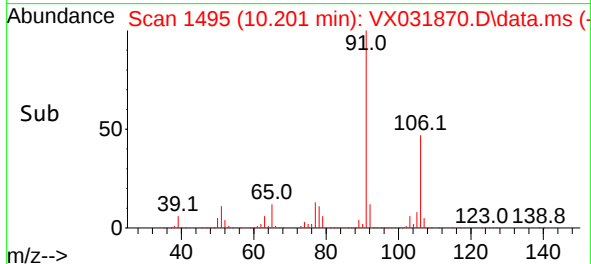
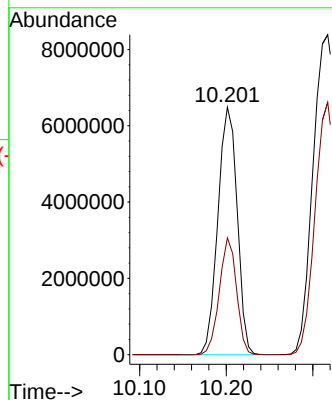
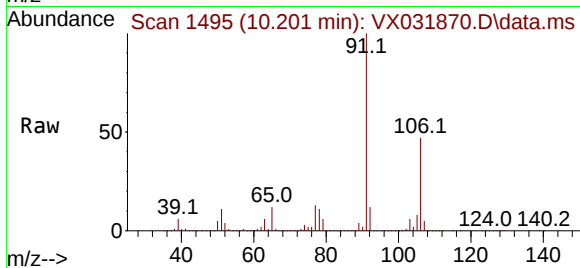
D22014-(5-5.5)

Tgt Ion: 91 Resp:10025940

Ion Ratio Lower Upper

91 100

106 47.2 25.2 37.8#



#68

m/p-Xylenes

Concen: 3045.141 ug/l

RT: 10.317 min Scan# 1514

Delta R.T. 0.012 min

Lab File: VX031870.D

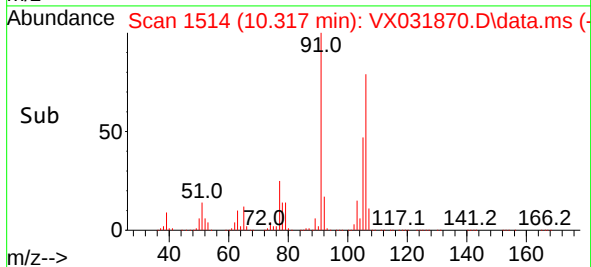
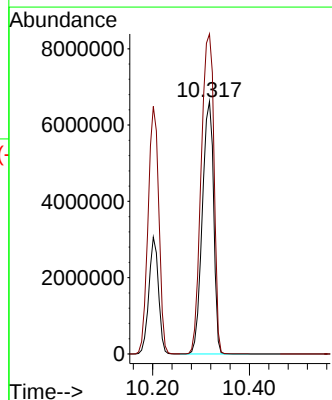
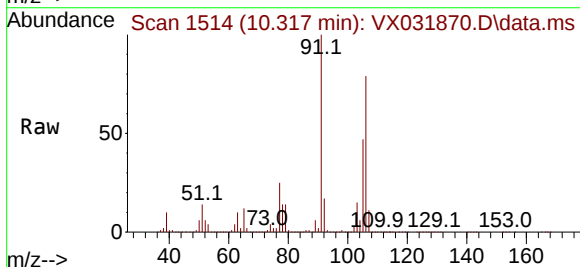
Acq: 04 Oct 2022 15:33

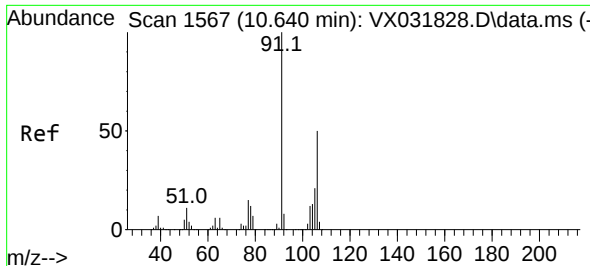
Tgt Ion:106 Resp:10722580

Ion Ratio Lower Upper

106 100

91 143.3 161.0 241.4#

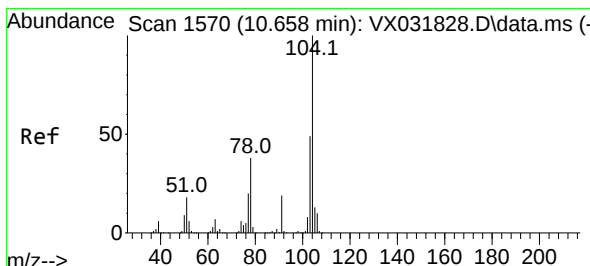
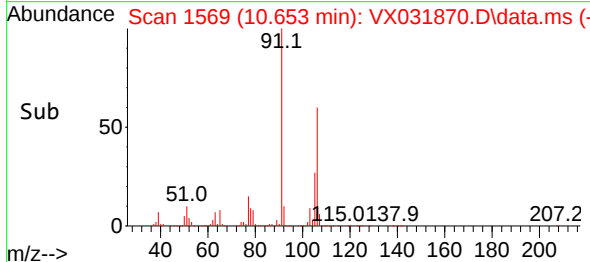
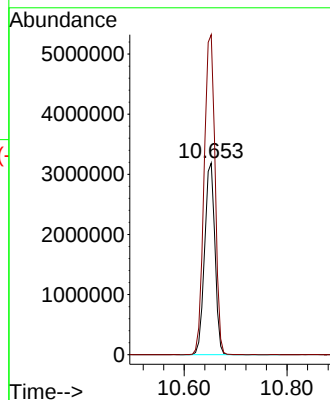
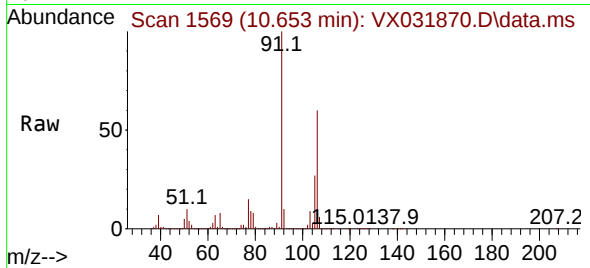




#69
o-Xylene
Concen: 1305.947 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.012 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

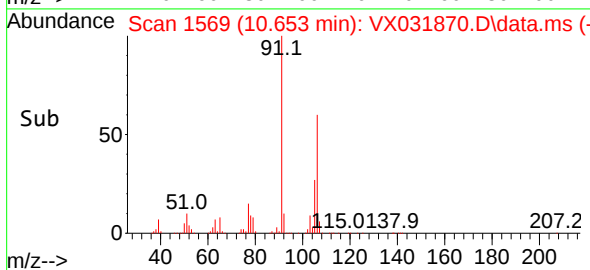
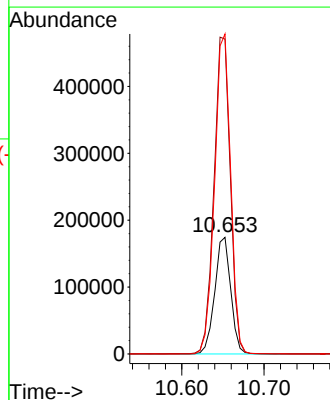
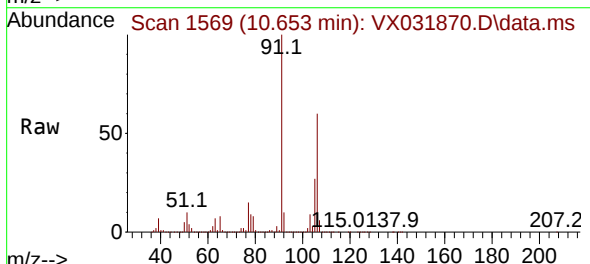
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)

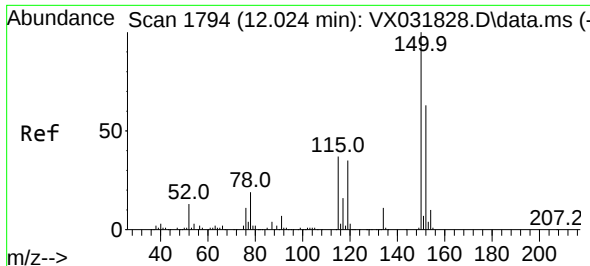
Tgt Ion:106 Resp: 4430234
Ion Ratio Lower Upper
106 100
91 177.7 107.2 321.6



#70
Styrene
Concen: 42.757 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

Tgt Ion:104 Resp: 235760
Ion Ratio Lower Upper
104 100
78 276.8 41.4 62.2#
103 274.8 43.8 65.8#

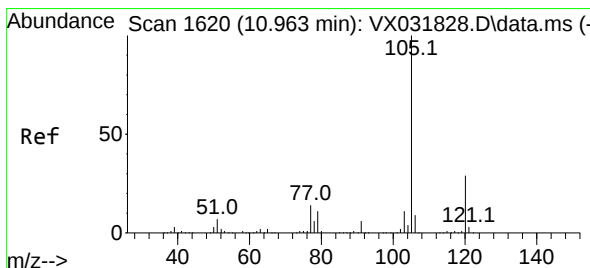
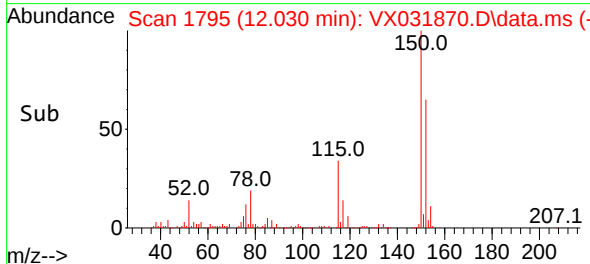
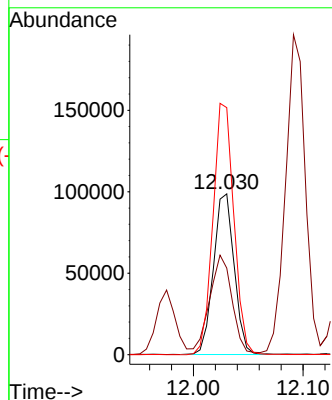
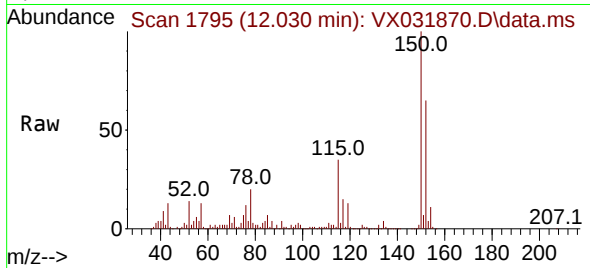




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

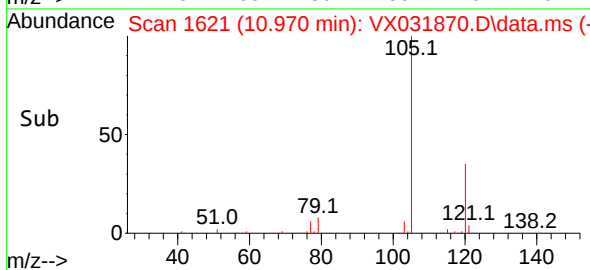
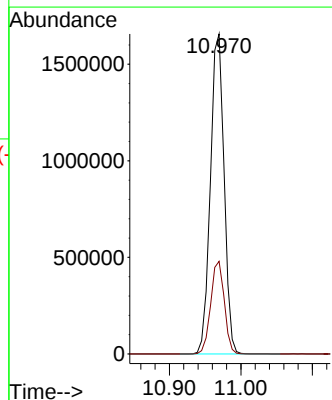
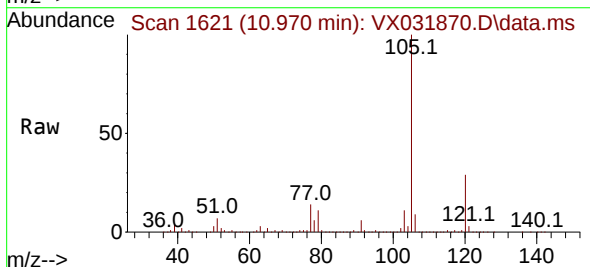
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)

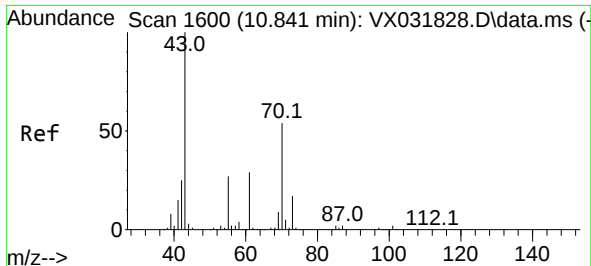
Tgt Ion:152 Resp: 129738
Ion Ratio Lower Upper
152 100
115 66.9 43.4 130.1
150 157.7 0.0 346.8



#73
Isopropylbenzene
Concen: 239.967 ug/l
RT: 10.970 min Scan# 1621
Delta R.T. 0.007 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

Tgt Ion:105 Resp: 2199074
Ion Ratio Lower Upper
105 100
120 28.8 13.7 41.0

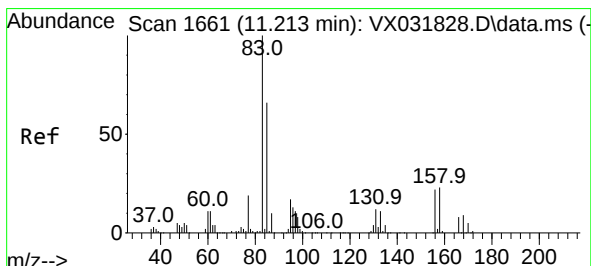
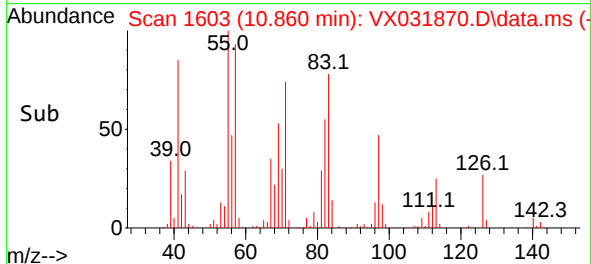
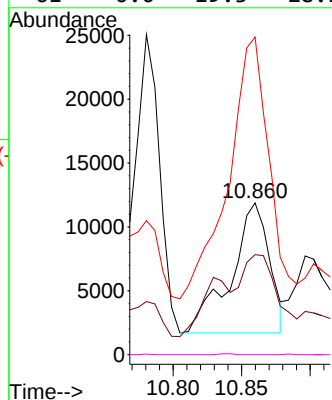
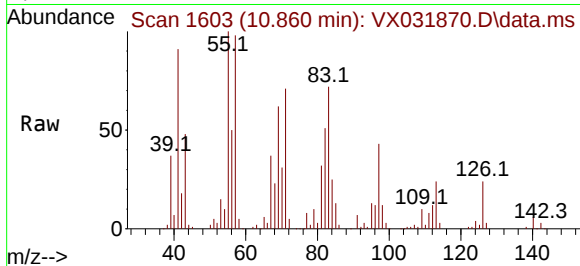




#74
N-ethyl acetate
Concen: 9.228 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.012 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

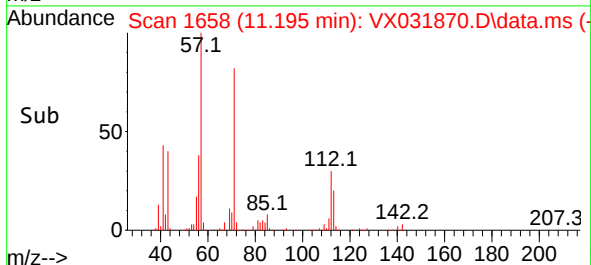
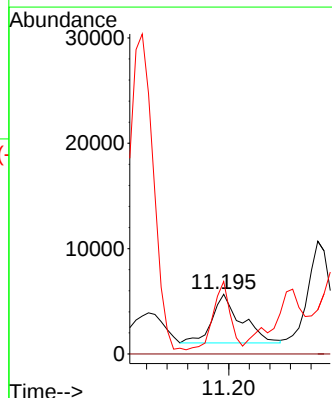
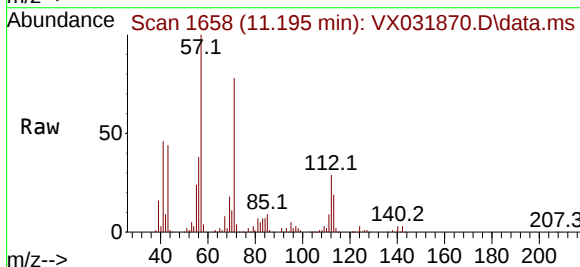
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)

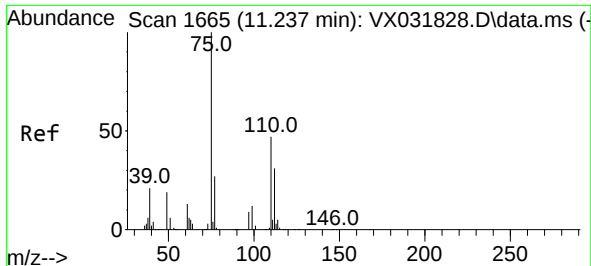
Tgt Ion: 43 Resp: 19807
Ion Ratio Lower Upper
43 100
70 40.2 33.4 50.2
55 210.2 18.2 27.2#
61 0.0 19.3 28.9#



#75
1,1,2,2-Tetrachloroethane
Concen: 3.495 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.018 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

Tgt Ion: 83 Resp: 9116
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.4#
85 81.8 32.6 97.8

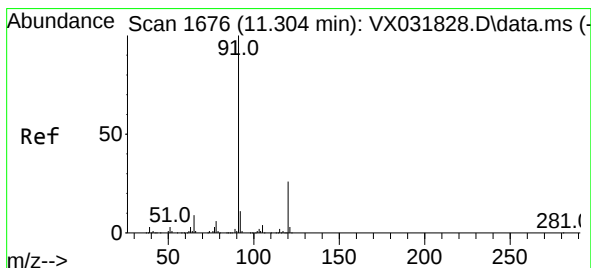
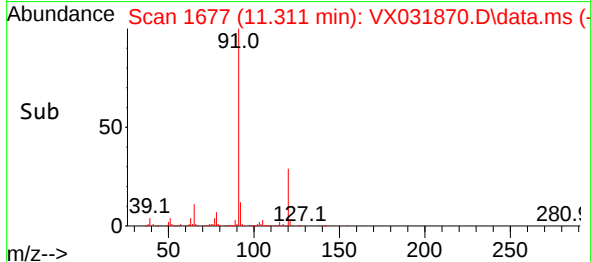
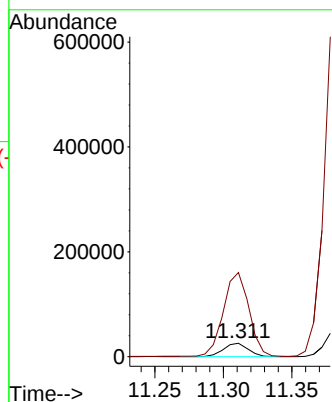
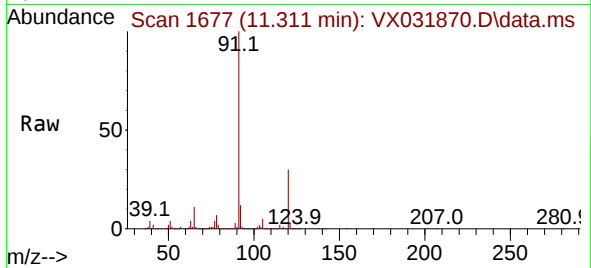




#76
1,2,3-Trichloropropane
Concen: 13.693 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.067 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

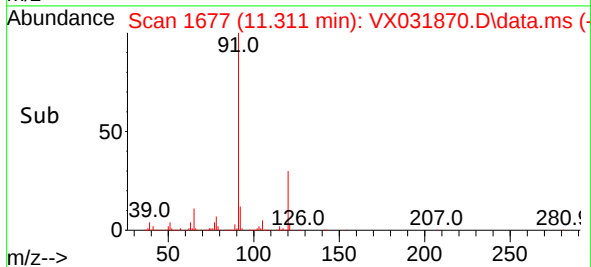
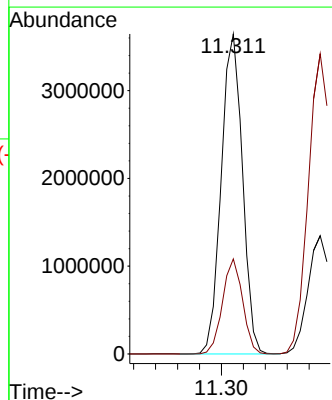
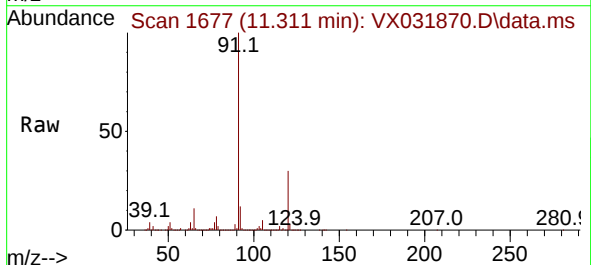
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)

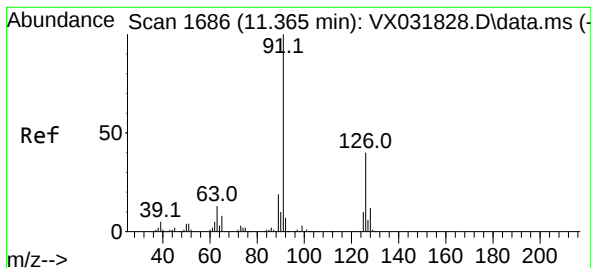
Tgt Ion: 75 Resp: 32322
Ion Ratio Lower Upper
75 100
77 636.7 20.3 60.9#



#78
n-propylbenzene
Concen: 489.288 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

Tgt Ion: 91 Resp: 4900848
Ion Ratio Lower Upper
91 100
120 28.1 11.8 35.4





#79

2-Chlorotoluene

Concen: 423.979 ug/l

RT: 11.390 min Scan# 1

Delta R.T. 0.024 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

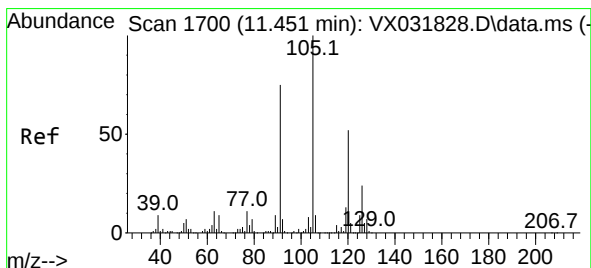
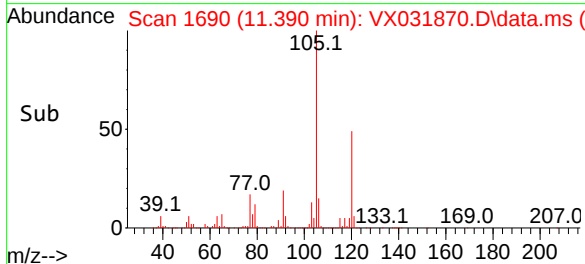
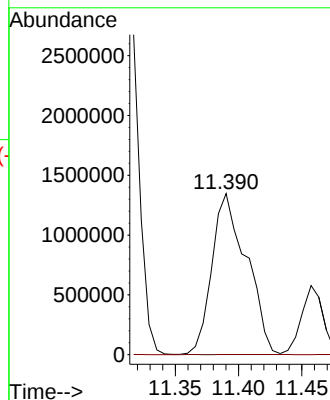
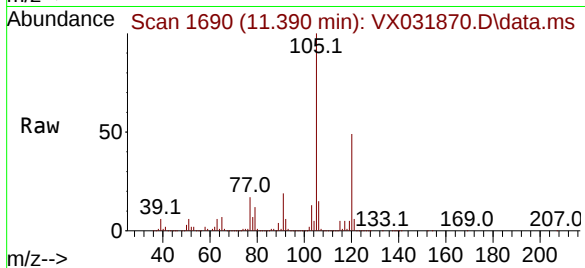
D22014-(5-5.5)

Tgt Ion: 91 Resp: 2565948

Ion Ratio Lower Upper

91 100

126 0.1 17.4 52.3#



#80

1,3,5-Trimethylbenzene

Concen: 742.927 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX031870.D

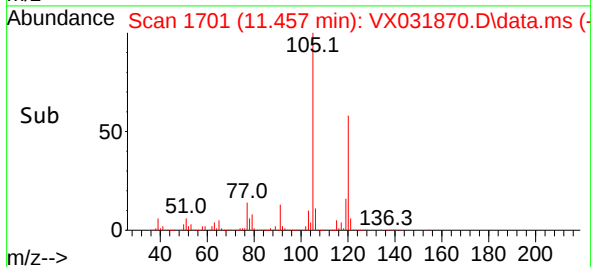
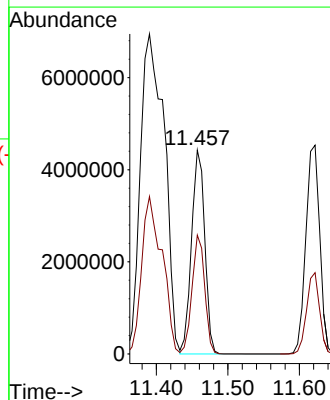
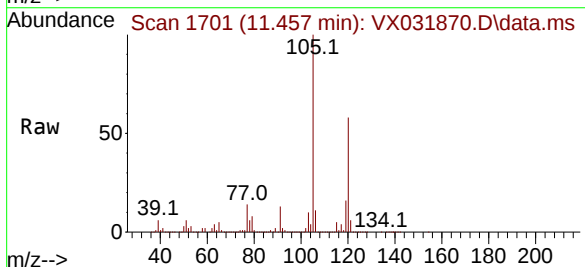
Acq: 04 Oct 2022 15:33

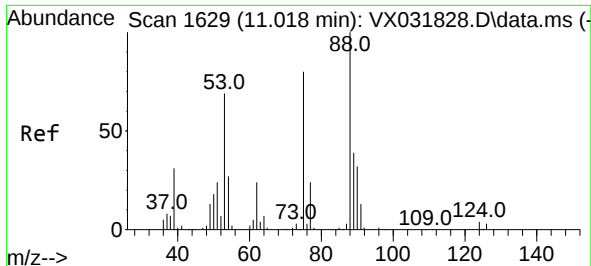
Tgt Ion: 105 Resp: 5685221

Ion Ratio Lower Upper

105 100

120 55.9 24.5 73.5

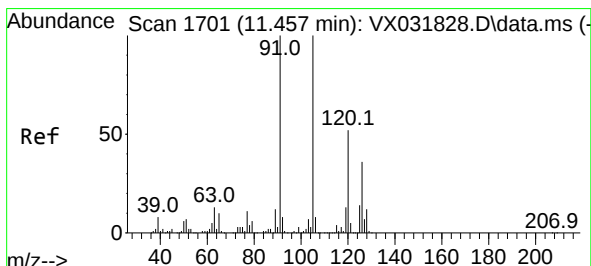
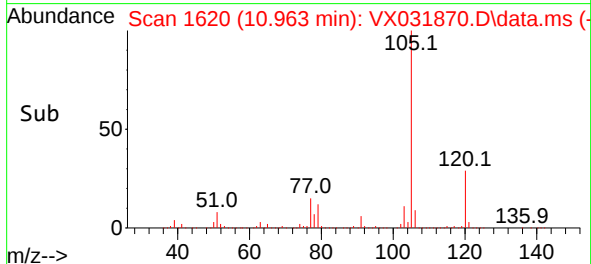
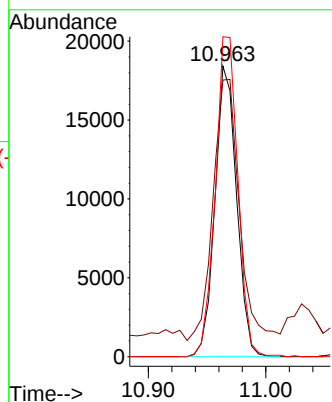
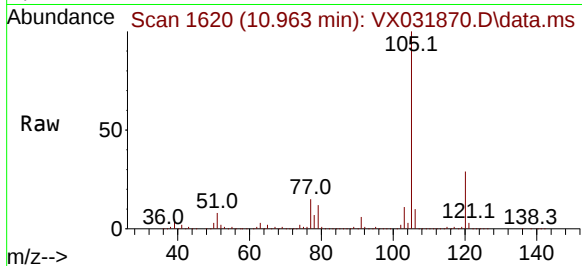




#81
trans-1,4-Dichloro-2-butene
Concen: 34.369 ug/l
RT: 10.963 min Scan# 10
Delta R.T. -0.055 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

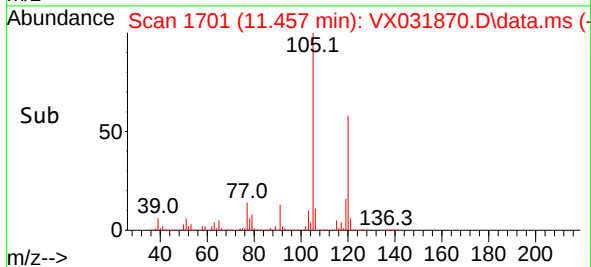
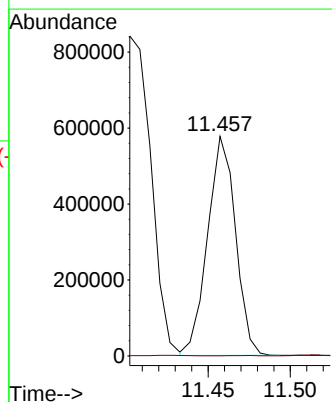
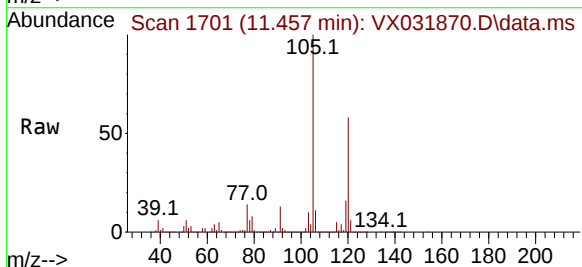
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)

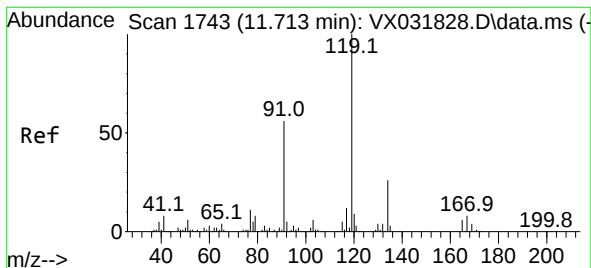
Tgt Ion: 75 Resp: 23632
Ion Ratio Lower Upper
75 100
53 113.0 77.6 116.4
89 115.1 37.4 56.0#



#82
4-Chlorotoluene
Concen: 97.544 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

Tgt Ion: 91 Resp: 681404
Ion Ratio Lower Upper
91 100
126 0.2 15.1 45.3#





#83

tert-Butylbenzene

Concen: 427.676 ug/l

RT: 11.768 min Scan# 11

Delta R.T. 0.055 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

D22014-(5-5.5)

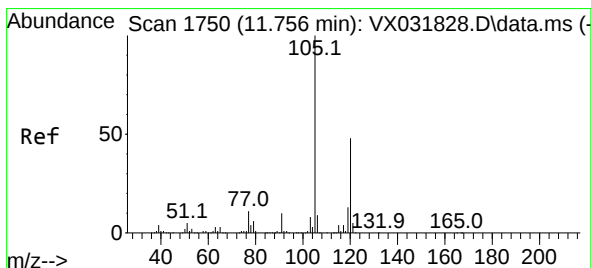
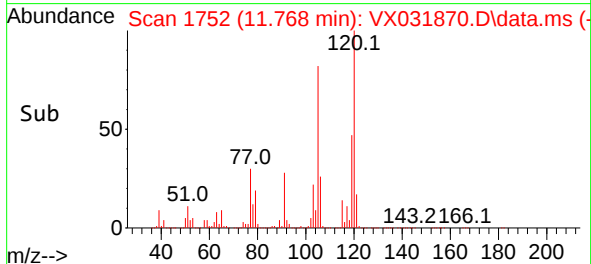
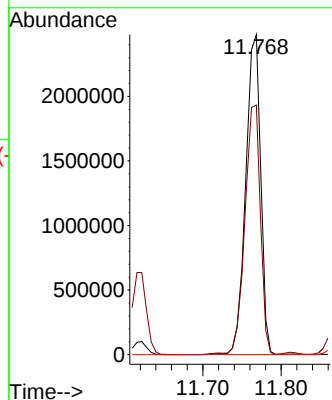
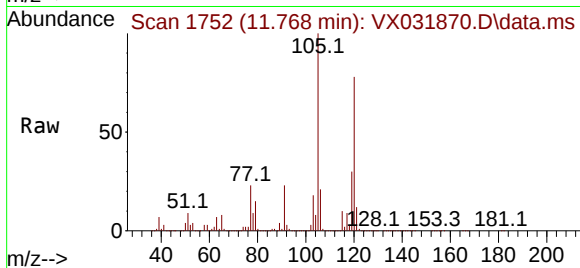
Tgt Ion:119 Resp: 3307963

Ion Ratio Lower Upper

119 100

91 80.3 29.2 87.6

134 0.0 11.6 34.8#



#84

1,2,4-Trimethylbenzene

Concen: 803.113 ug/l

RT: 11.622 min Scan# 1728

Delta R.T. -0.128 min

Lab File: VX031870.D

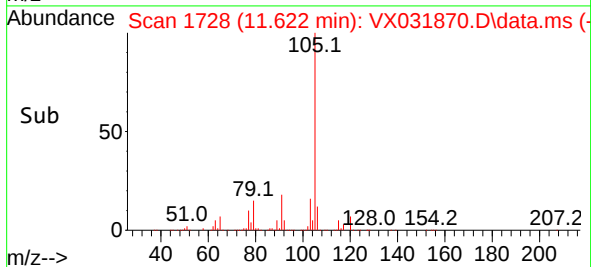
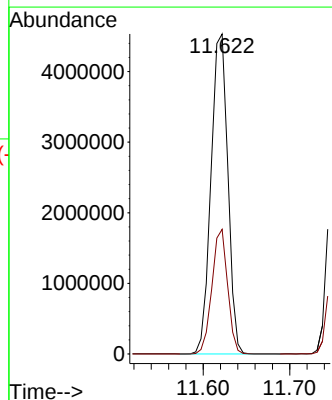
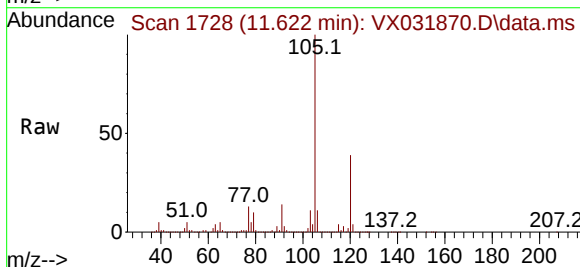
Acq: 04 Oct 2022 15:33

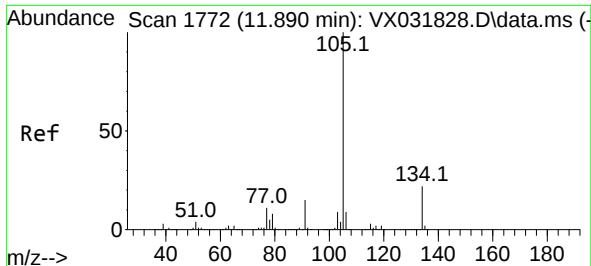
Tgt Ion:105 Resp: 6116639

Ion Ratio Lower Upper

105 100

120 36.2 22.6 67.8

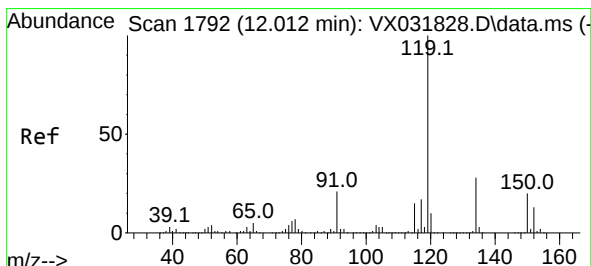
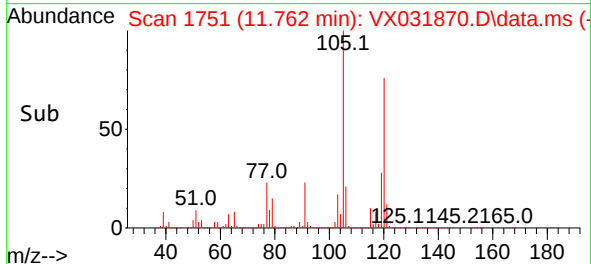
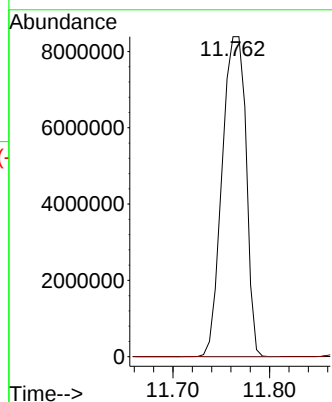
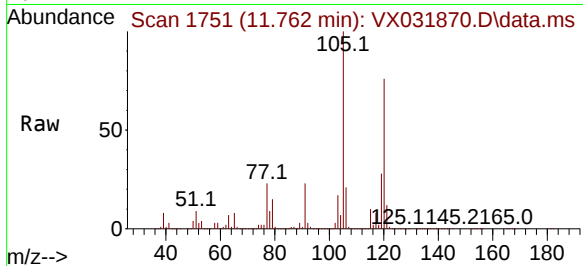




#85
 sec-Butylbenzene
 Concen: 1548.724 ug/l
 RT: 11.762 min Scan# 1751
 Delta R.T. -0.128 min
 Lab File: VX031870.D
 Acq: 04 Oct 2022 15:33

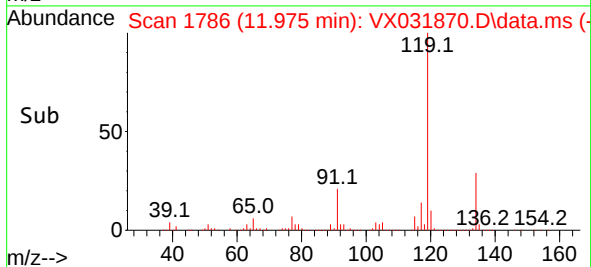
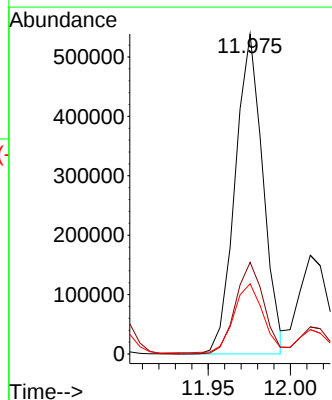
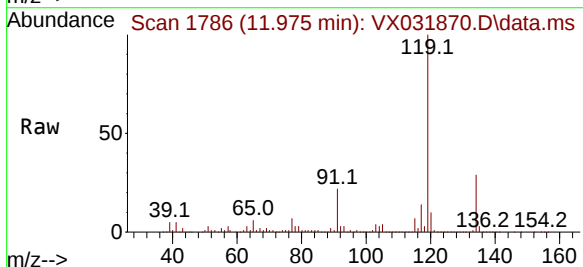
Instrument :
 MSVOA_X
 ClientSampleId :
 D22014-(5-5.5)

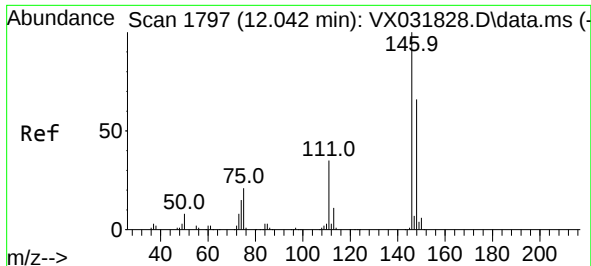
Tgt Ion:105 Resp:14420564
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 77.929 ug/l
 RT: 11.975 min Scan# 1786
 Delta R.T. -0.037 min
 Lab File: VX031870.D
 Acq: 04 Oct 2022 15:33

Tgt Ion:119 Resp: 633258
 Ion Ratio Lower Upper
 119 100
 134 29.6 13.4 40.2
 91 22.7 12.4 37.2

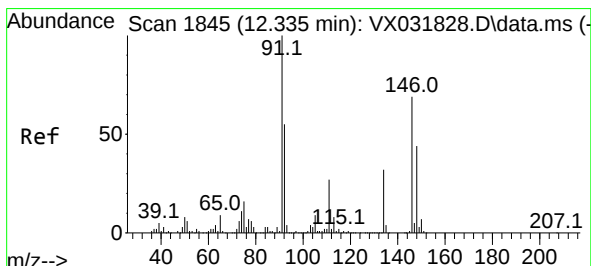
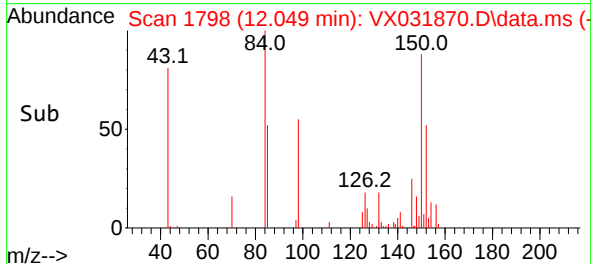
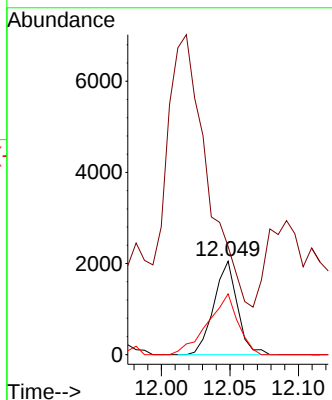
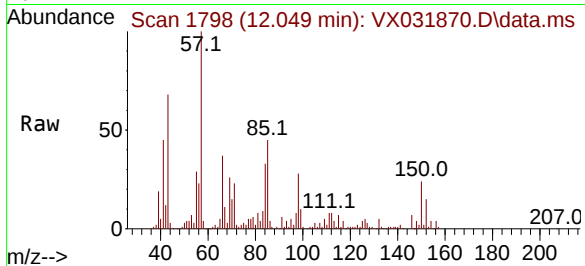




#88
1,4-Dichlorobenzene
Concen: 0.514 ug/l
RT: 12.049 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

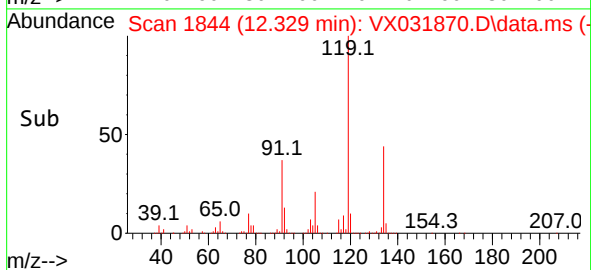
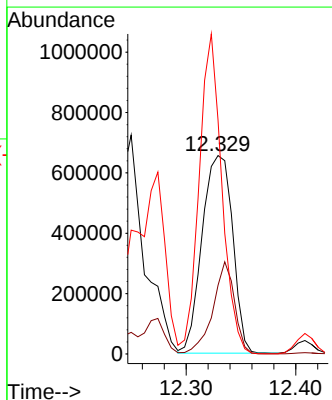
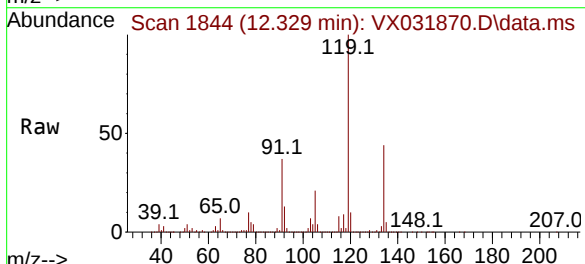
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)

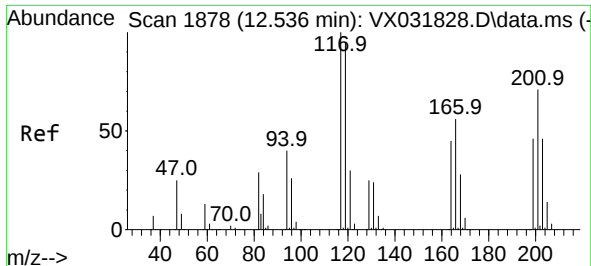
Tgt Ion:146 Resp: 2448
Ion Ratio Lower Upper
146 100
111 0.0 20.5 61.5#
148 83.8 32.0 96.2



#89
n-Butylbenzene
Concen: 197.490 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

Tgt Ion: 91 Resp: 1267601
Ion Ratio Lower Upper
91 100
92 33.0 27.0 81.0
134 120.3 13.3 39.9#

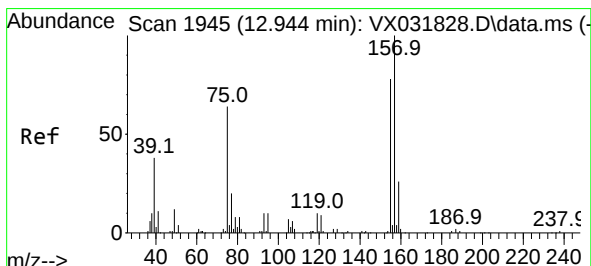
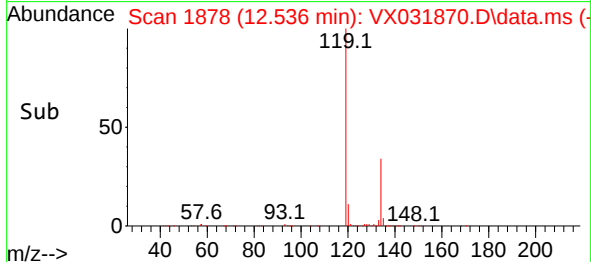
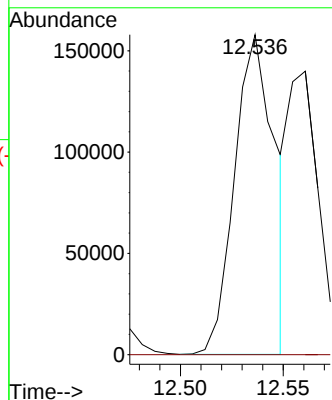
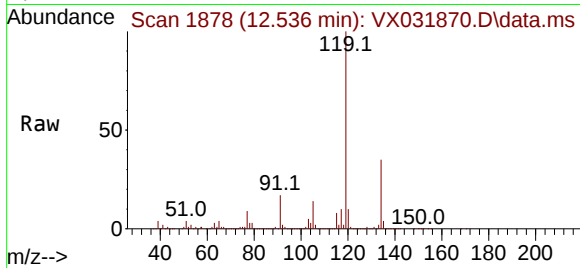




#90
Hexachloroethane
Concen: 146.630 ug/l
RT: 12.536 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

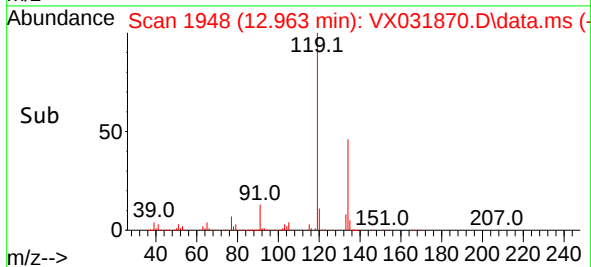
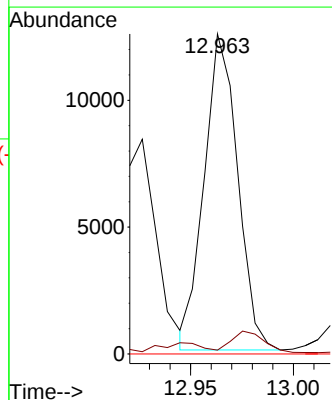
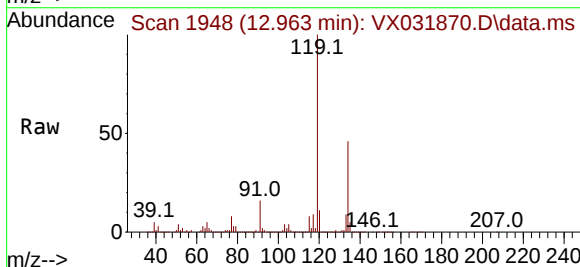
Instrument :
MSVOA_X
ClientSampleId :
D22014-(5-5.5)

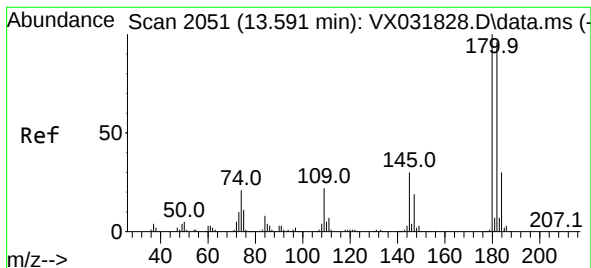
Tgt Ion:117 Resp: 214948
Ion Ratio Lower Upper
117 100
201 0.0 34.8 104.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 25.667 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.018 min
Lab File: VX031870.D
Acq: 04 Oct 2022 15:33

Tgt Ion: 75 Resp: 14079
Ion Ratio Lower Upper
75 100
155 7.7 40.3 120.8#
157 0.0 51.5 154.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.200 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

Instrument :

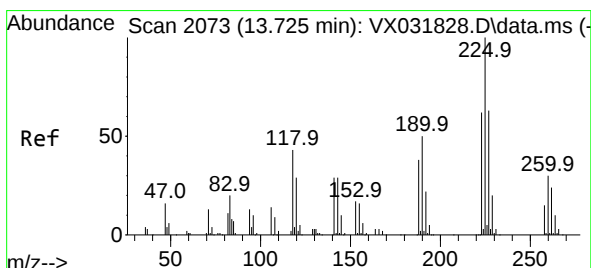
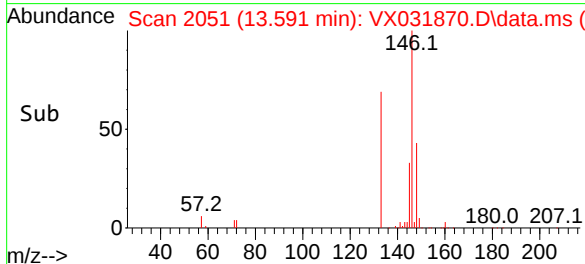
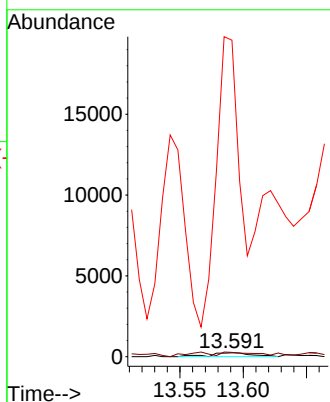
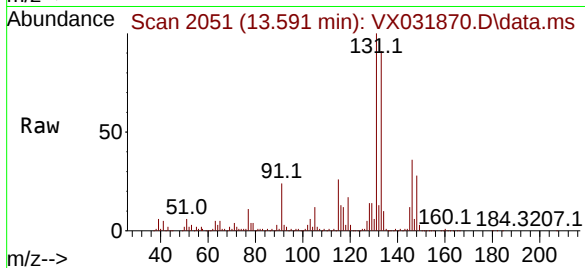
MSVOA_X

ClientSampleId :

D22014-(5-5.5)

Tgt Ion:180 Resp: 560

Ion	Ratio	Lower	Upper
180	100		
182	88.6	46.9	140.6
145	4639.1	16.7	50.1#



#94

Hexachlorobutadiene

Concen: 1.733 ug/l

RT: 13.725 min Scan# 2073

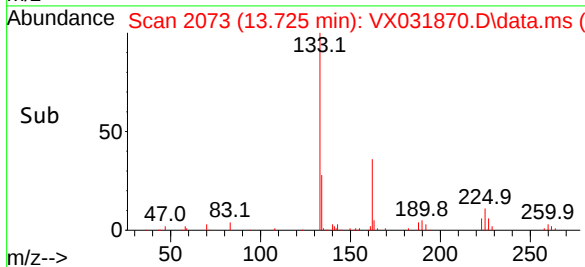
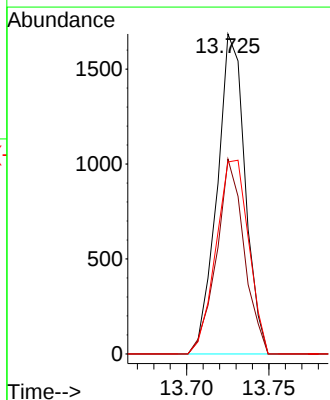
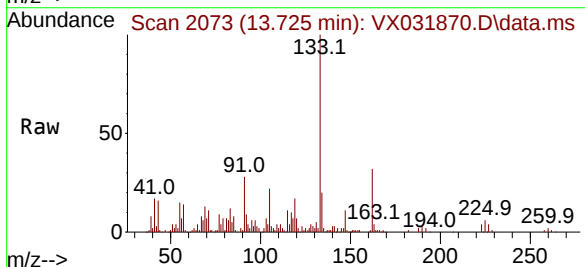
Delta R.T. 0.000 min

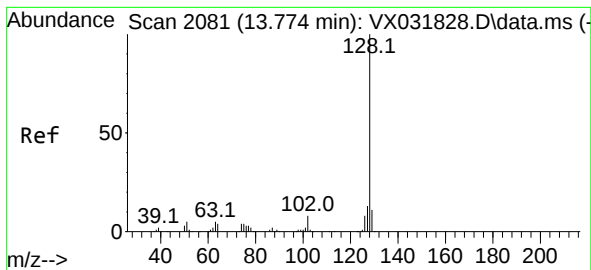
Lab File: VX031870.D

Acq: 04 Oct 2022 15:33

Tgt Ion:225 Resp: 1993

Ion	Ratio	Lower	Upper
225	100		
223	60.1	30.8	92.4
227	70.5	32.3	96.9





#95

Naphthalene

Concen: 513.165 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX031870.D

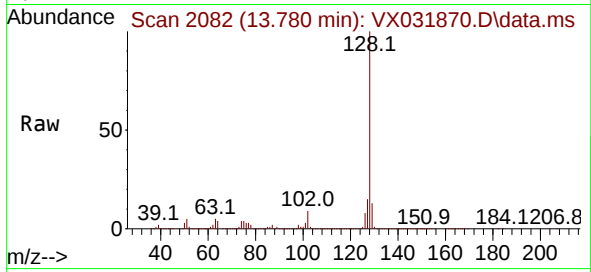
Acq: 04 Oct 2022 15:33

Instrument :

MSVOA_X

ClientSampleId :

D22014-(5-5.5)



Tgt Ion:128 Resp: 4468326

Ion Ratio Lower Upper

128 100

127 14.0 10.4 15.6

129 12.1 8.8 13.2

