

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
 Data File : VD075802.D
 Acq On : 24 Apr 2023 19:17
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 25 06:11:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	211724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	349222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	325734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	162994	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	93547	46.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.100%
35) Dibromofluoromethane	7.810	113	118576	50.482	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.960%
50) Toluene-d8	10.269	98	459925	48.896	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.575	95	126272	50.506	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.020%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	88279	44.874	ug/l	99
3) Chloromethane	2.152	50	141828	39.926	ug/l	98
4) Vinyl Chloride	2.287	62	183022	38.827	ug/l	97
5) Bromomethane	2.693	94	140504	38.176	ug/l	97
6) Chloroethane	2.840	64	128787	40.579	ug/l	96
7) Trichlorofluoromethane	3.175	101	168509	46.137	ug/l	97
8) Diethyl Ether	3.593	74	53108	46.719	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.969	101	114609	50.040	ug/l	94
10) Methyl Iodide	4.163	142	151861	48.448	ug/l #	89
11) Tert butyl alcohol	5.057	59	23467	232.671	ug/l #	100
12) 1,1-Dichloroethene	3.946	96	113816	47.994	ug/l	85
13) Acrolein	3.799	56	30331	149.089	ug/l	100
14) Allyl chloride	4.563	41	103490	47.918	ug/l #	79
15) Acrylonitrile	5.251	53	110051	259.201	ug/l	96
16) Acetone	4.022	43	90169	244.910	ug/l #	74
17) Carbon Disulfide	4.269	76	315263	40.625	ug/l	97
18) Methyl Acetate	4.563	43	65174	52.494	ug/l #	76
19) Methyl tert-butyl Ether	5.322	73	228186	49.581	ug/l	97
20) Methylene Chloride	4.804	84	161064	57.222	ug/l #	77
21) trans-1,2-Dichloroethene	5.316	96	133682	47.332	ug/l #	72
22) Diisopropyl ether	6.216	45	259447	53.163	ug/l #	90
23) Vinyl Acetate	6.157	43	604679	266.756	ug/l #	82
24) 1,1-Dichloroethane	6.116	63	200148	49.494	ug/l	95
25) 2-Butanone	7.081	43	115394	243.427	ug/l #	73
26) 2,2-Dichloropropane	7.075	77	164638	44.907	ug/l	88
27) cis-1,2-Dichloroethene	7.081	96	150584	48.131	ug/l	80
28) Bromochloromethane	7.428	49	63643	49.787	ug/l #	47
29) Tetrahydrofuran	7.445	42	69008	266.201	ug/l #	63
30) Chloroform	7.598	83	222512	48.537	ug/l	93
31) Cyclohexane	7.875	56	140971	44.701	ug/l #	82
32) 1,1,1-Trichloroethane	7.792	97	180679	48.334	ug/l	95
36) 1,1-Dichloropropene	8.010	75	157002	48.451	ug/l	92
37) Ethyl Acetate	7.169	43	49953	50.655	ug/l #	74
38) Carbon Tetrachloride	7.992	117	145290	50.915	ug/l	98
39) Methylcyclohexane	9.275	83	187000	49.906	ug/l #	86
40) Benzene	8.251	78	499467	49.582	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
 Data File : VD075802.D
 Acq On : 24 Apr 2023 19:17
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 25 06:11:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	25542	53.973	ug/l #	63
42) 1,2-Dichloroethane	8.328	62	115453	50.458	ug/l	88
43) Isopropyl Acetate	8.363	43	93762	52.141	ug/l #	81
44) Trichloroethene	9.028	130	143844	50.455	ug/l	94
45) 1,2-Dichloropropane	9.304	63	117915	52.234	ug/l	94
46) Dibromomethane	9.392	93	70667	49.344	ug/l	92
47) Bromodichloromethane	9.586	83	166413	50.799	ug/l	96
48) Methyl methacrylate	9.381	41	41426	51.707	ug/l #	58
49) 1,4-Dioxane	9.386	88	14474	1018.676	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	248638	259.326	ug/l #	77
52) Toluene	10.333	92	329077	49.127	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	150680	47.983	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	190837	51.147	ug/l #	73
55) 1,1,2-Trichloroethane	10.733	97	101931	49.157	ug/l	95
56) Ethyl methacrylate	10.598	69	103551	50.744	ug/l #	69
57) 1,3-Dichloropropane	10.881	76	156036	49.567	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	232644	265.457	ug/l #	86
59) 2-Hexanone	10.922	43	176503	261.819	ug/l	75
60) Dibromochloromethane	11.075	129	117488	48.421	ug/l	99
61) 1,2-Dibromoethane	11.181	107	93503	47.270	ug/l	97
64) Tetrachloroethene	10.810	164	118660	50.582	ug/l	97
65) Chlorobenzene	11.610	112	361683	51.840	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.680	131	122757	51.181	ug/l	95
67) Ethyl Benzene	11.686	91	593249	52.394	ug/l	96
68) m/p-Xylenes	11.792	106	494922	106.655	ug/l	89
69) o-Xylene	12.122	106	228161	54.376	ug/l	89
70) Styrene	12.139	104	397421	51.557	ug/l	93
71) Bromoform	12.298	173	69030	55.056	ug/l #	98
73) Isopropylbenzene	12.422	105	573177	53.581	ug/l	97
74) N-amyl acetate	12.233	43	85910	54.653	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.675	83	107897	51.923	ug/l	96
76) 1,2,3-Trichloropropane	12.727	75	121807	91.639	ug/l #	100
77) Bromobenzene	12.704	156	146911	53.271	ug/l	87
78) n-propylbenzene	12.763	91	689416	52.577	ug/l	96
79) 2-Chlorotoluene	12.851	91	374732	50.387	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	473182	53.060	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	33196	54.130	ug/l #	69
82) 4-Chlorotoluene	12.951	91	394464	51.009	ug/l	92
83) tert-Butylbenzene	13.169	119	404986	53.859	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	473772	52.945	ug/l	94
85) sec-Butylbenzene	13.345	105	619164	53.376	ug/l	97
86) p-Isopropyltoluene	13.463	119	518569	53.698	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	293216	51.107	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	285186	50.315	ug/l	96
89) n-Butylbenzene	13.786	91	465547	52.335	ug/l	99
90) Hexachloroethane	14.057	117	95224	49.629	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	253881	51.658	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	13238	47.521	ug/l	66
93) 1,2,4-Trichlorobenzene	15.098	180	141827	49.603	ug/l	98
94) Hexachlorobutadiene	15.204	225	68840	50.373	ug/l	97
95) Naphthalene	15.333	128	280850	51.848	ug/l	100
96) 1,2,3-Trichlorobenzene	15.521	180	127883	50.815	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
Data File : VD075802.D
Acq On : 24 Apr 2023 19:17
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 25 06:11:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

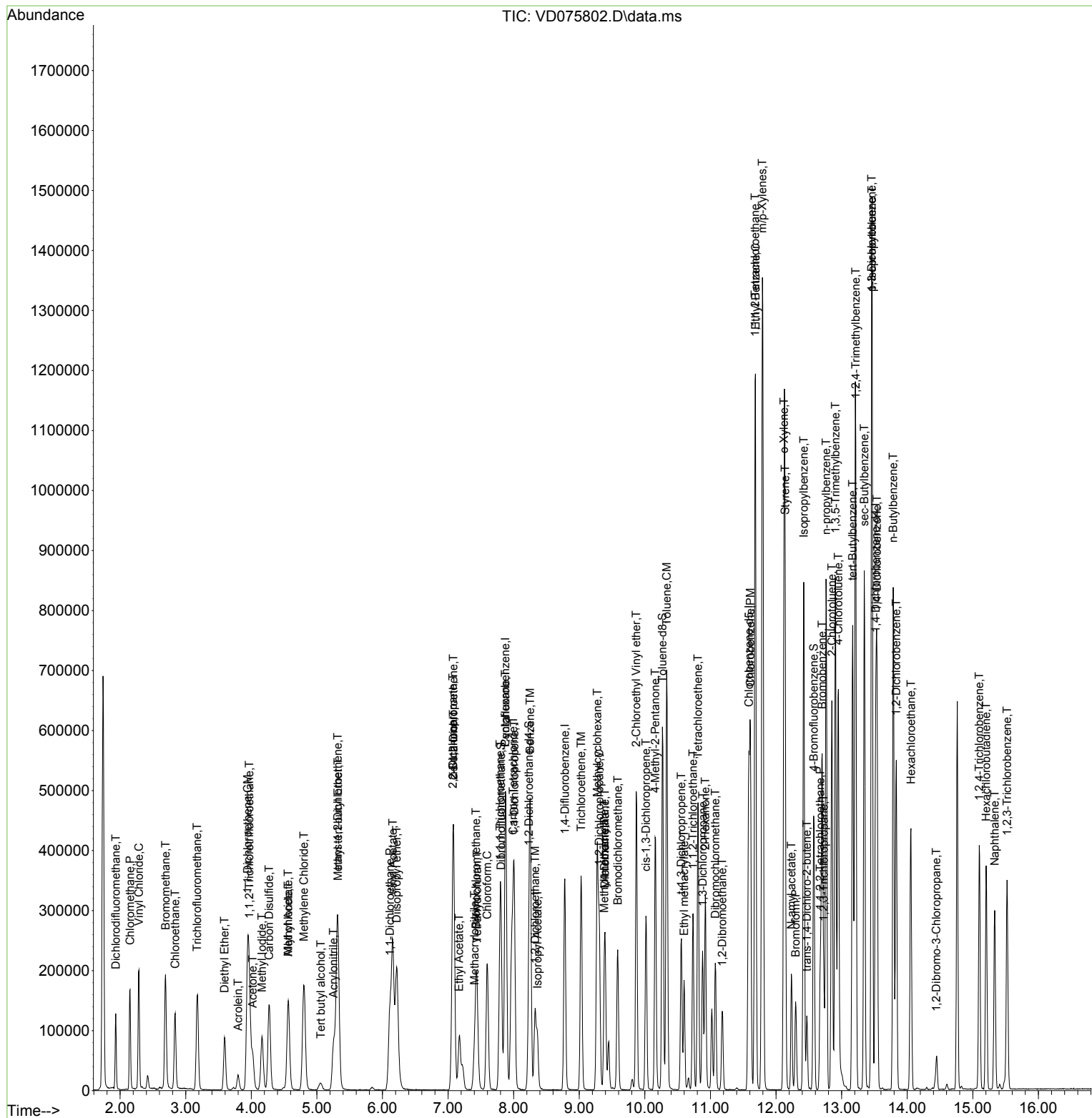
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

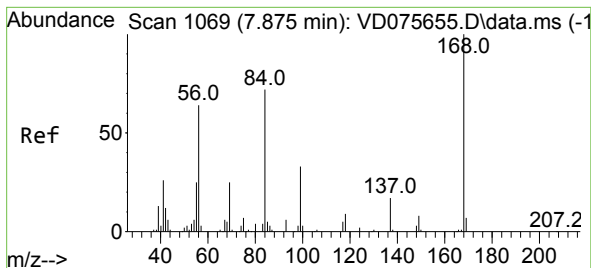
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042423\
Data File : VD075802.D
Acq On : 24 Apr 2023 19:17
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 25 06:11:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

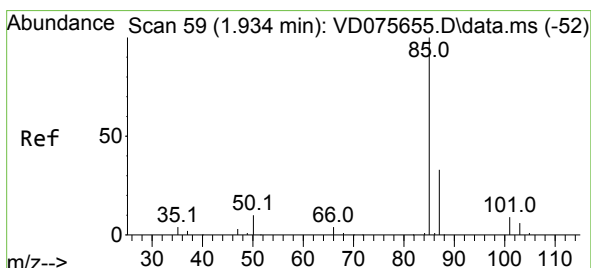
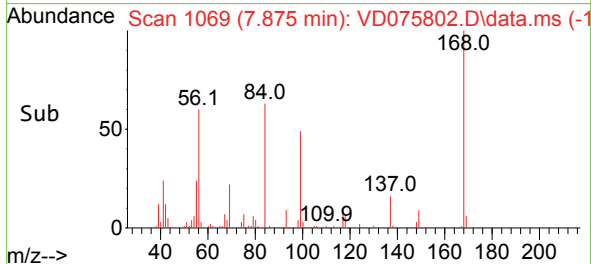
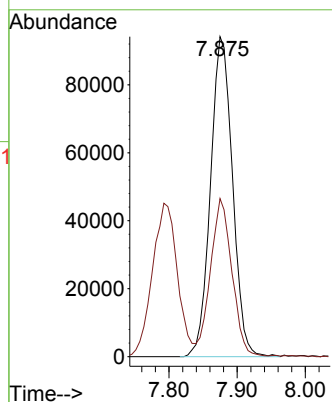
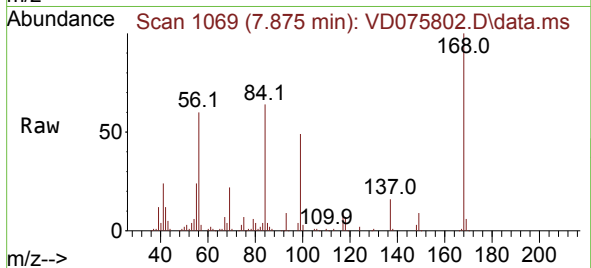
VSTDCCC050EC

Tgt Ion:168 Resp: 211724

Ion Ratio Lower Upper

168 100

99 49.2 43.8 65.6



#2

Dichlorodifluoromethane

Concen: 44.874 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD075802.D

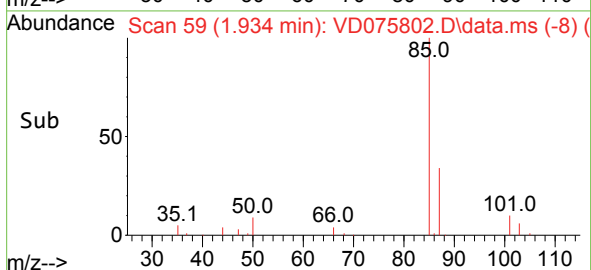
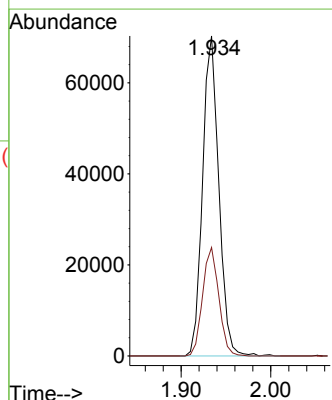
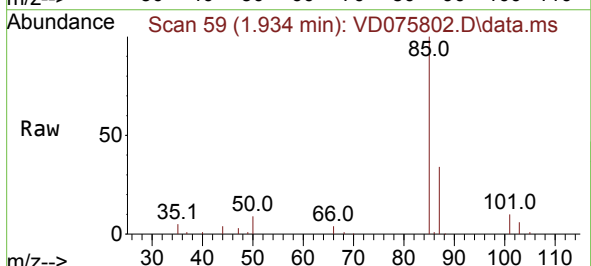
Acq: 24 Apr 2023 19:17

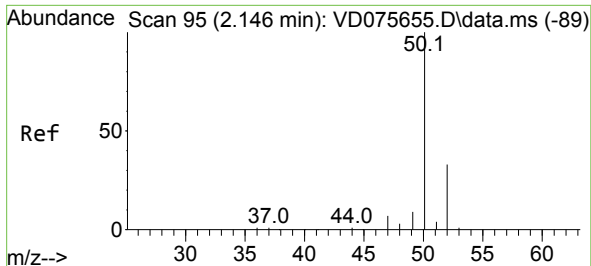
Tgt Ion: 85 Resp: 88279

Ion Ratio Lower Upper

85 100

87 33.9 17.3 51.7

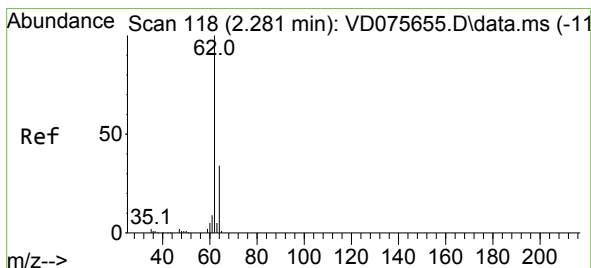
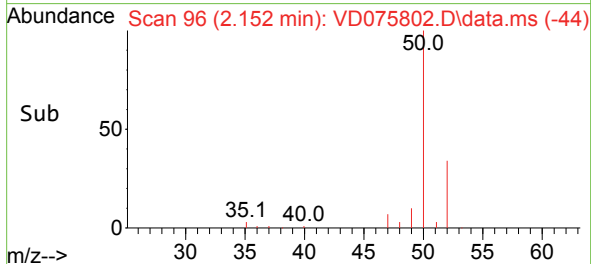
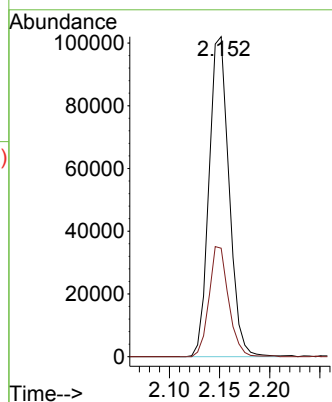
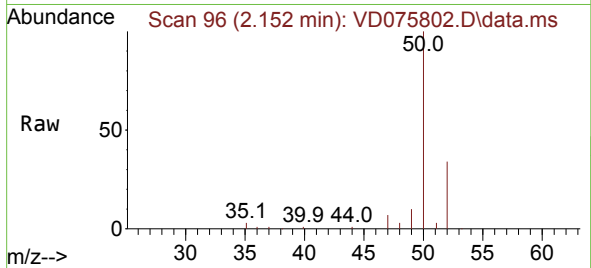




#3
Chloromethane
Concen: 39.926 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

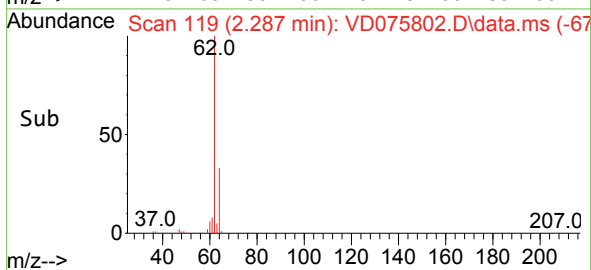
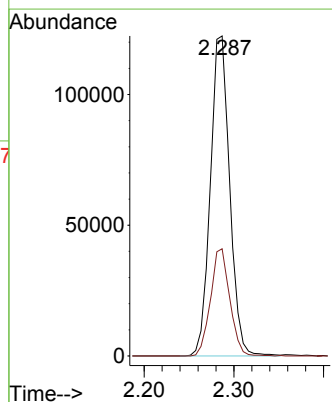
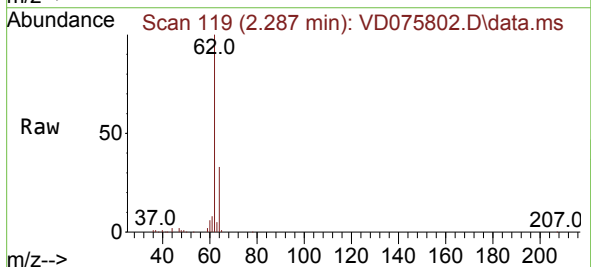
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

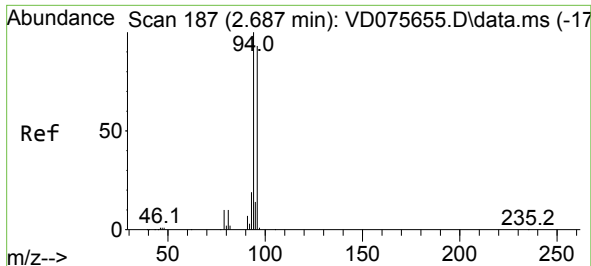
Tgt Ion: 50 Resp: 141828
Ion Ratio Lower Upper
50 100
52 33.9 27.8 41.8



#4
Vinyl Chloride
Concen: 38.827 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion: 62 Resp: 183022
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.0

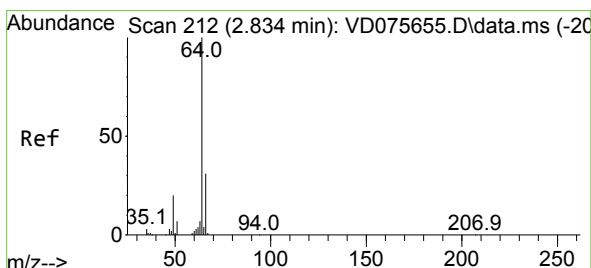
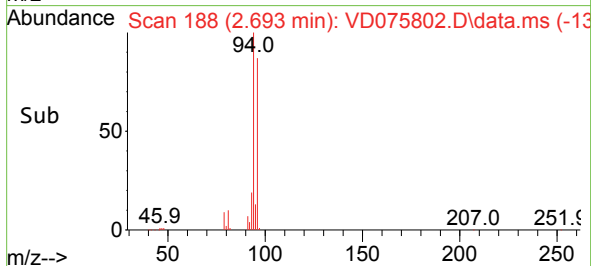
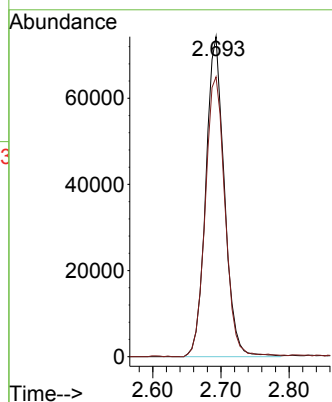
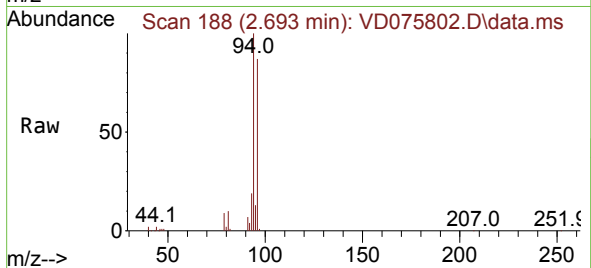




#5
Bromomethane
Concen: 38.176 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

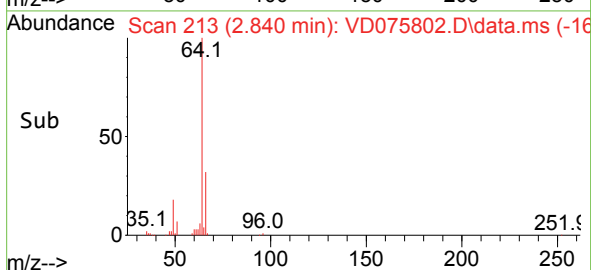
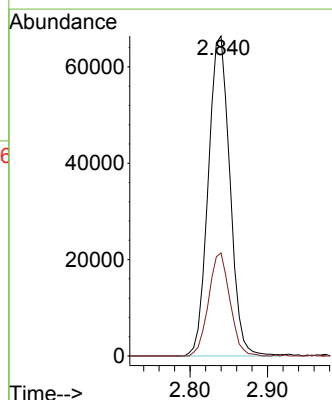
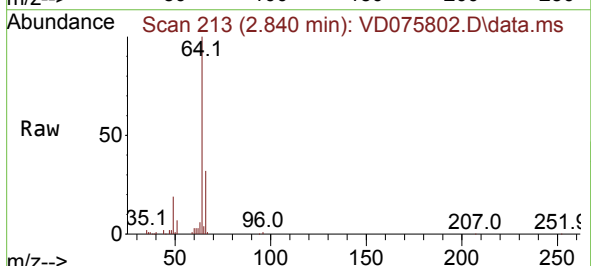
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

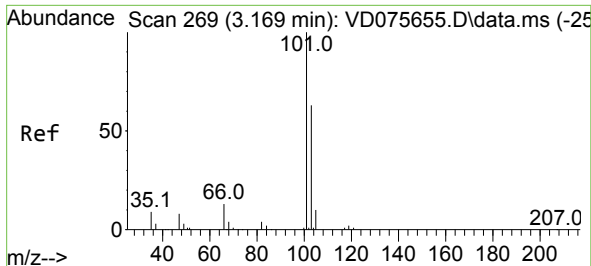
Tgt Ion: 94 Resp: 140504
Ion Ratio Lower Upper
94 100
96 93.6 77.5 116.3



#6
Chloroethane
Concen: 40.579 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion: 64 Resp: 128787
Ion Ratio Lower Upper
64 100
66 32.2 27.7 41.5

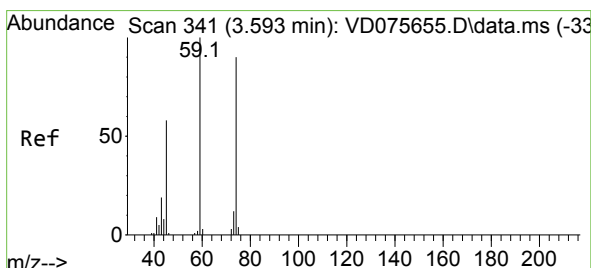
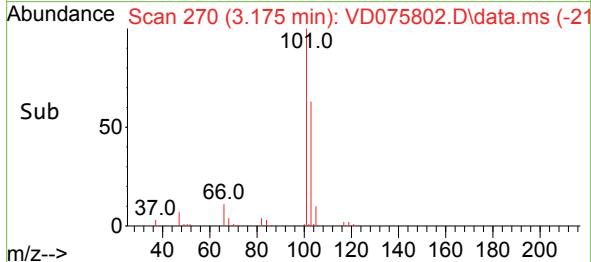
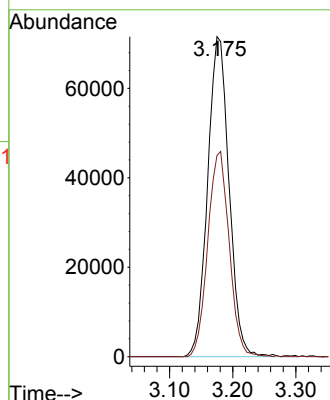
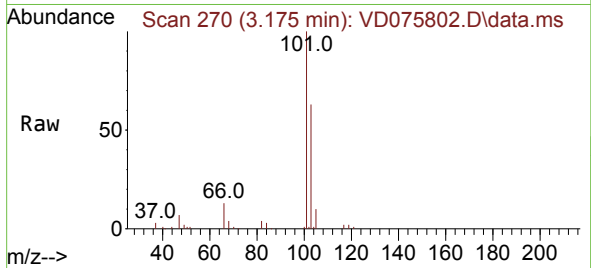




#7
 Trichlorofluoromethane
 Concen: 46.137 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD075802.D
 Acq: 24 Apr 2023 19:17

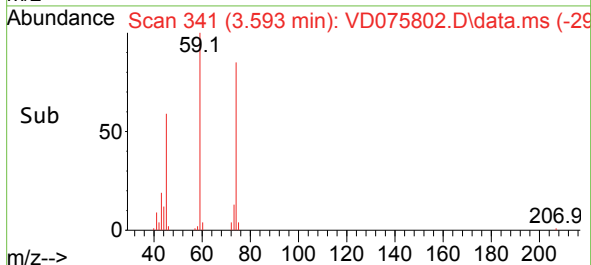
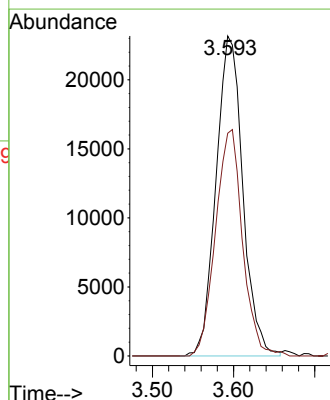
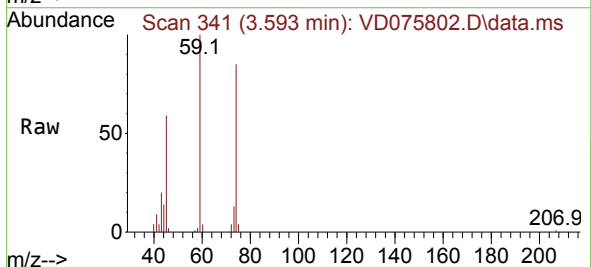
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

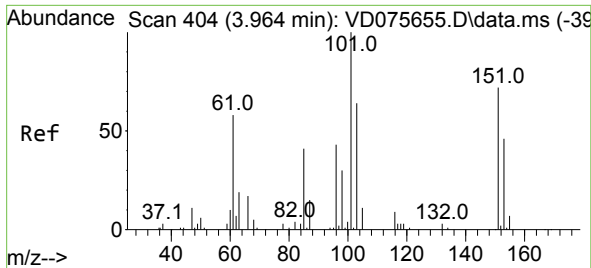
Tgt Ion:101 Resp: 168509
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.9 77.9



#8
 Diethyl Ether
 Concen: 46.719 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD075802.D
 Acq: 24 Apr 2023 19:17

Tgt Ion: 74 Resp: 53108
 Ion Ratio Lower Upper
 74 100
 45 71.3 50.9 152.7

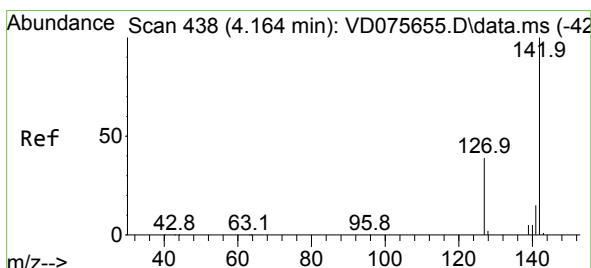
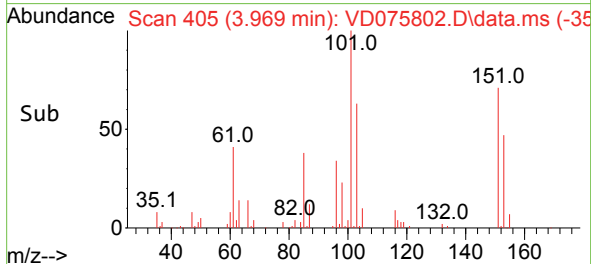
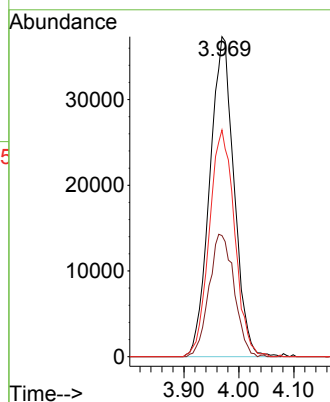
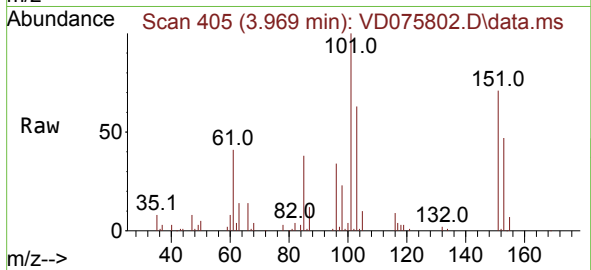




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.040 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.005 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

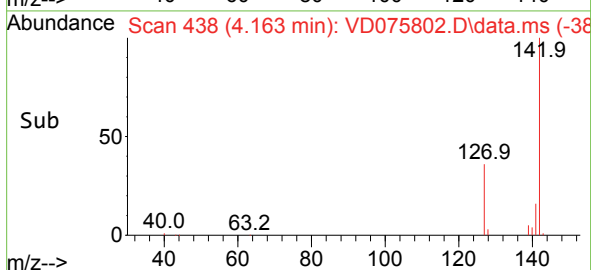
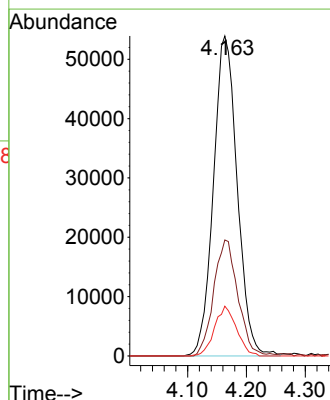
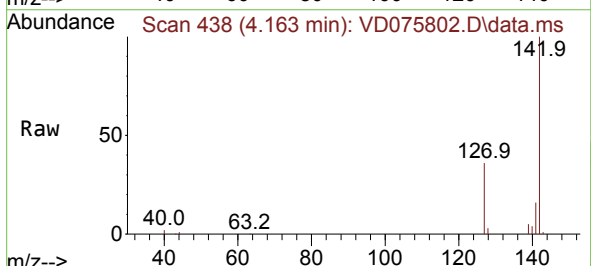
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

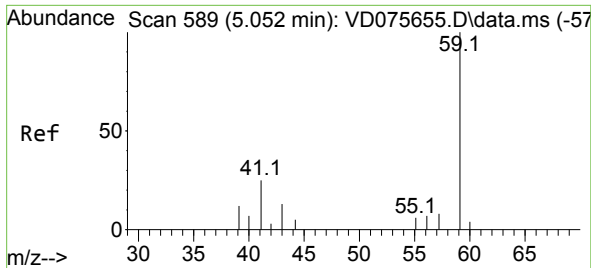
Tgt Ion:101 Resp: 114609
Ion Ratio Lower Upper
101 100
85 39.6 38.3 57.5
151 73.7 60.4 90.6



#10
Methyl Iodide
Concen: 48.448 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion:142 Resp: 151861
Ion Ratio Lower Upper
142 100
127 36.8 37.1 55.7#
141 14.4 11.3 16.9

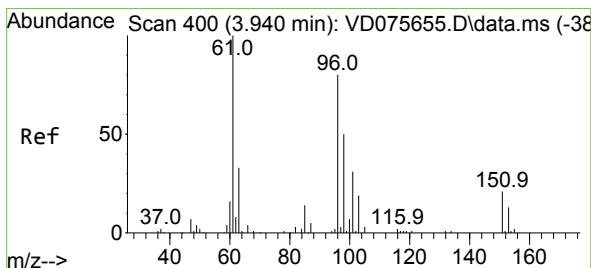
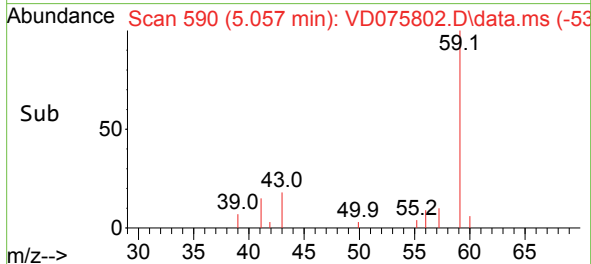
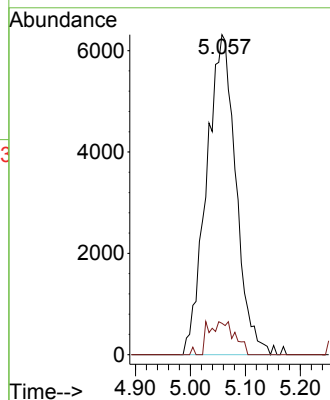
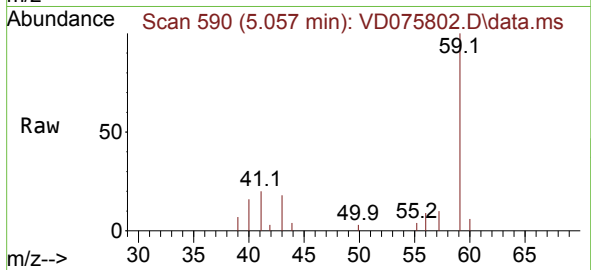




#11
Tert butyl alcohol
Concen: 232.671 ug/l
RT: 5.057 min Scan# 590
Delta R.T. 0.005 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

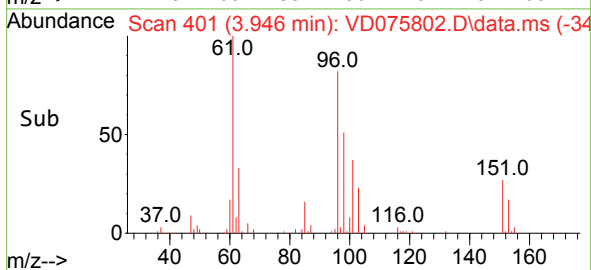
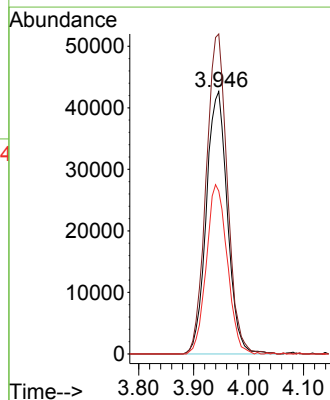
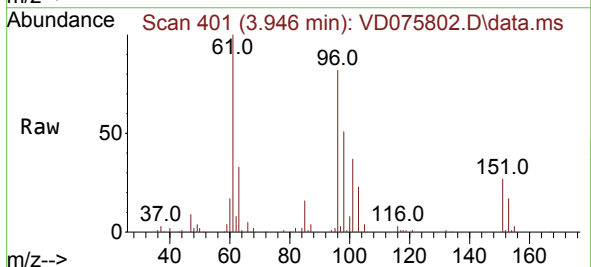
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

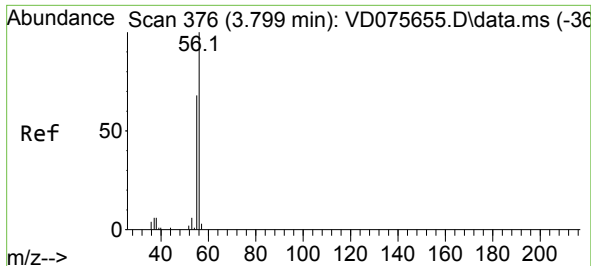
Tgt Ion: 59 Resp: 23467
Ion Ratio Lower Upper
59 100
57 6.1 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 47.994 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion: 96 Resp: 113816
Ion Ratio Lower Upper
96 100
61 122.0 118.6 177.8
98 62.1 49.7 74.5





#13

Acrolein

Concen: 149.089 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

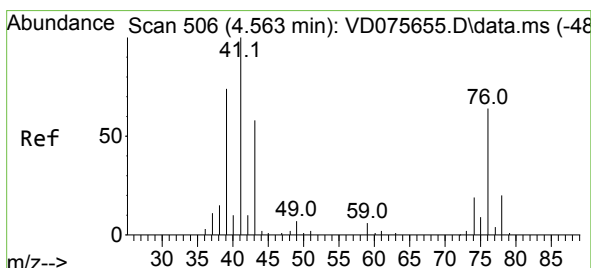
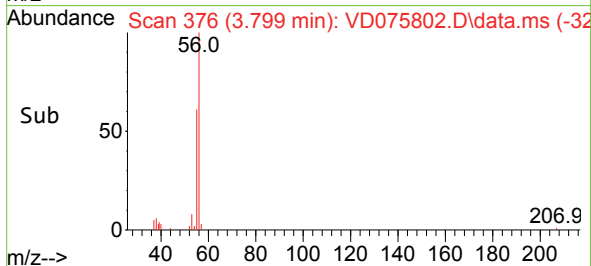
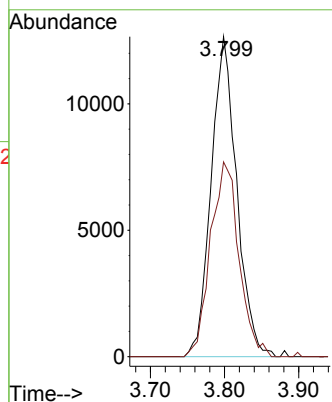
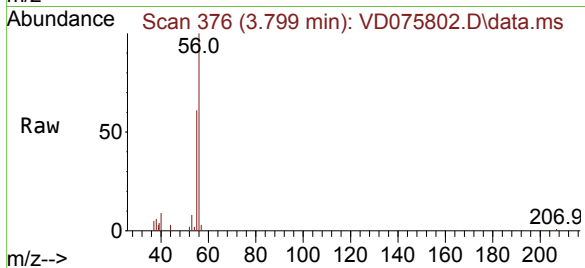
VSTDCCC050EC

Tgt Ion: 56 Resp: 30331

Ion Ratio Lower Upper

56 100

55 67.6 53.9 80.9



#14

Allyl chloride

Concen: 47.918 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

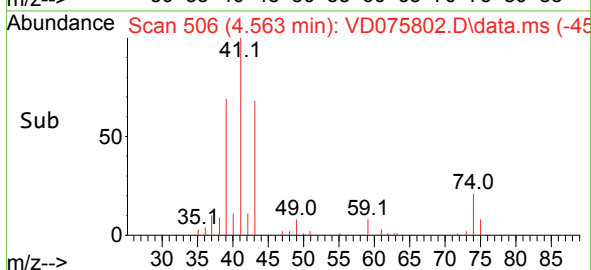
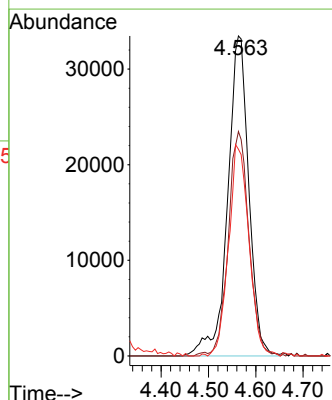
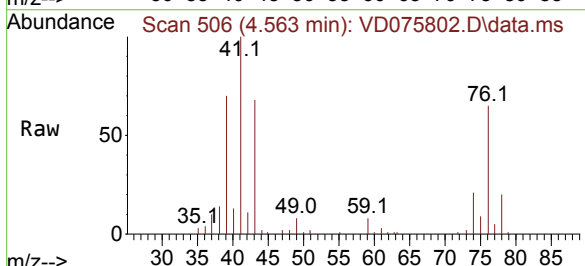
Tgt Ion: 41 Resp: 103490

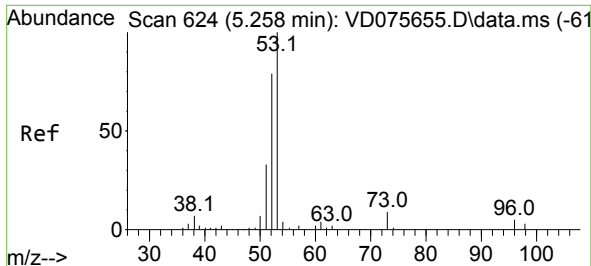
Ion Ratio Lower Upper

41 100

39 68.7 60.6 90.8

76 63.6 28.6 43.0#

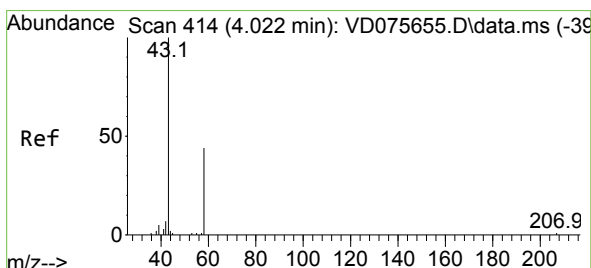
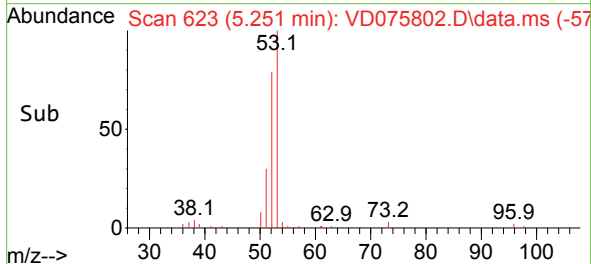
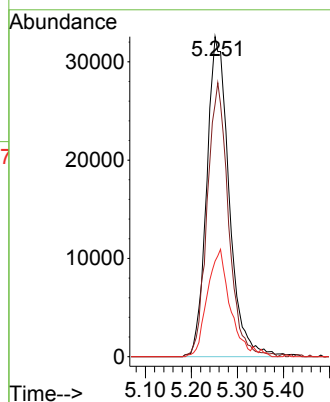
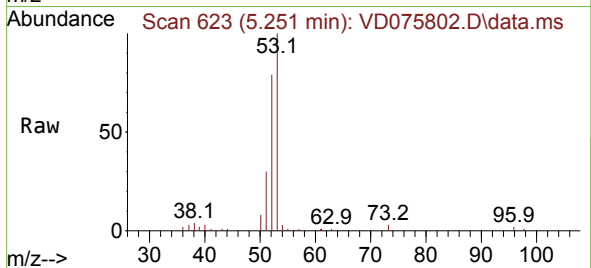




#15
Acrylonitrile
Concen: 259.201 ug/l
RT: 5.251 min Scan# 61
Delta R.T. -0.007 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

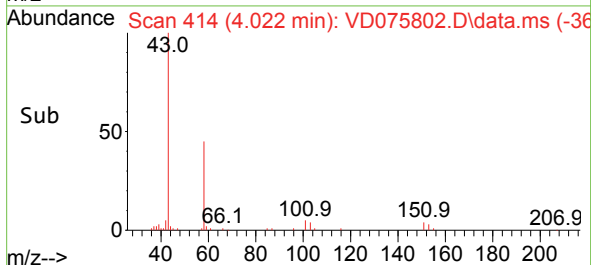
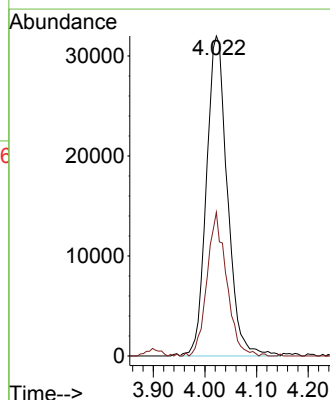
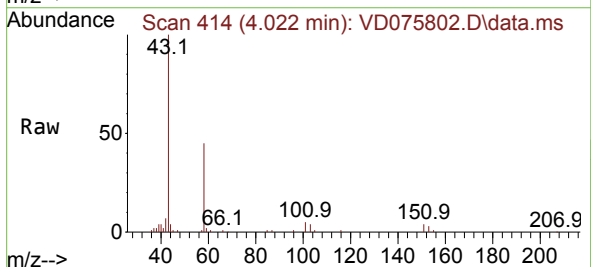
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

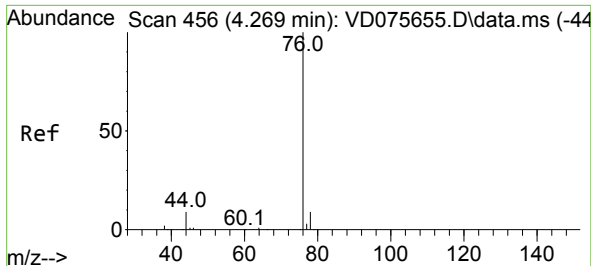
Tgt Ion: 53 Resp: 110051
Ion Ratio Lower Upper
53 100
52 81.3 66.2 99.4
51 33.5 30.7 46.1



#16
Acetone
Concen: 244.910 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion: 43 Resp: 90169
Ion Ratio Lower Upper
43 100
58 44.9 24.4 36.6#

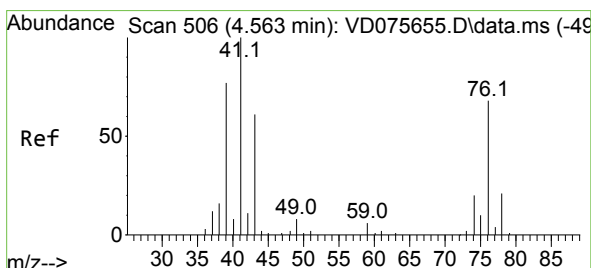
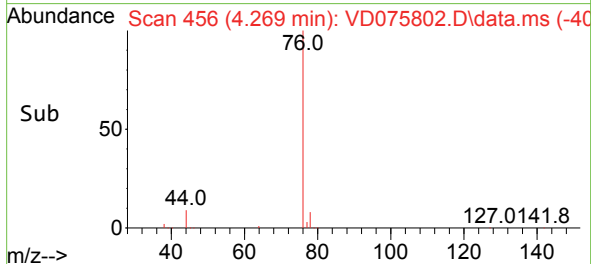
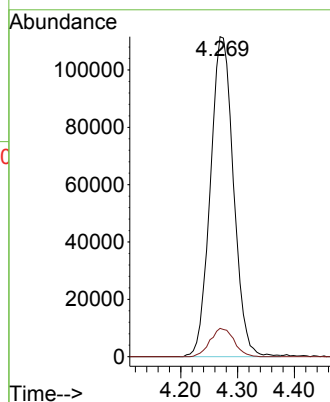
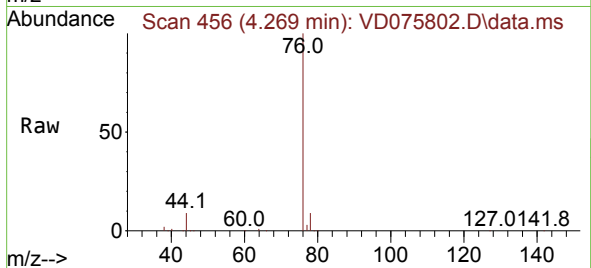




#17
Carbon Disulfide
Concen: 40.625 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

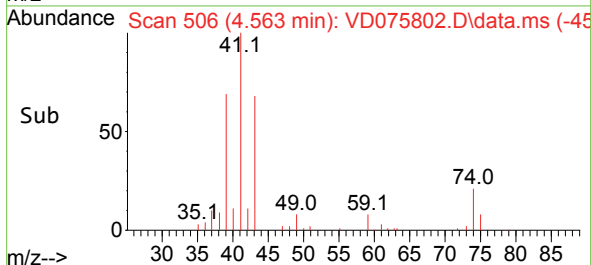
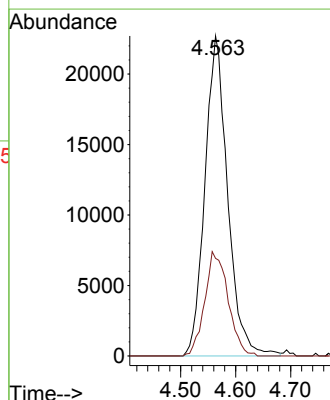
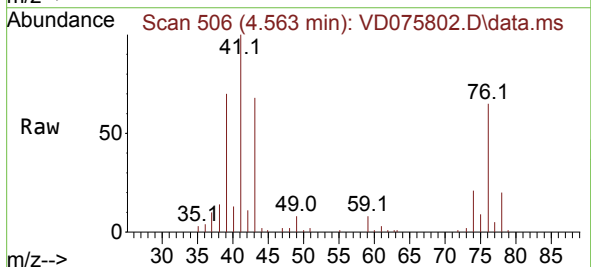
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

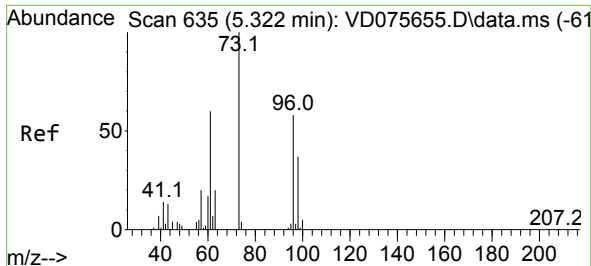
Tgt Ion: 76 Resp: 315263
Ion Ratio Lower Upper
76 100
78 8.9 8.0 12.0



#18
Methyl Acetate
Concen: 52.494 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion: 43 Resp: 65174
Ion Ratio Lower Upper
43 100
74 33.5 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 49.581 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

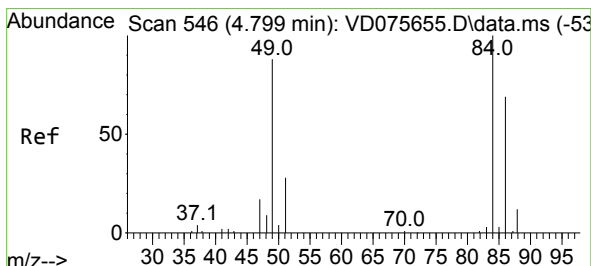
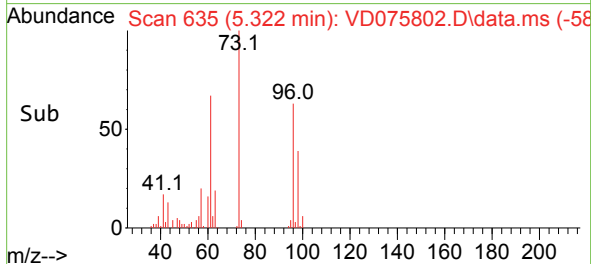
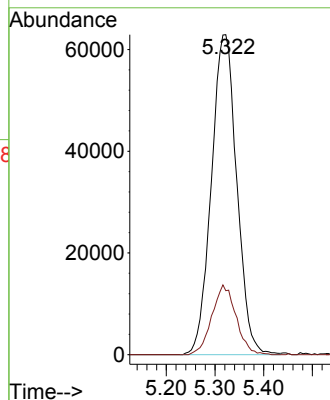
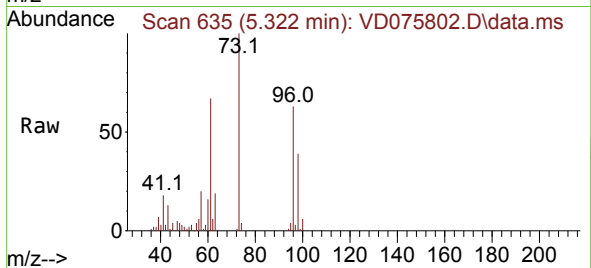
VSTDCCC050EC

Tgt Ion: 73 Resp: 228186

Ion Ratio Lower Upper

73 100

57 20.0 17.2 25.8



#20

Methylene Chloride

Concen: 57.222 ug/l

RT: 4.804 min Scan# 547

Delta R.T. 0.005 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Tgt Ion: 84 Resp: 161064

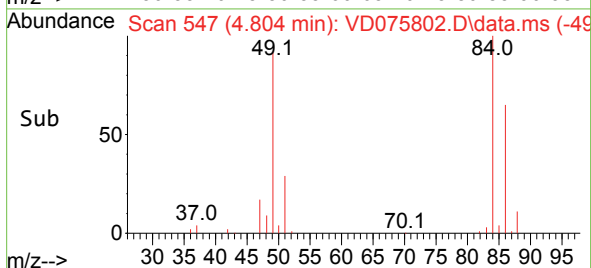
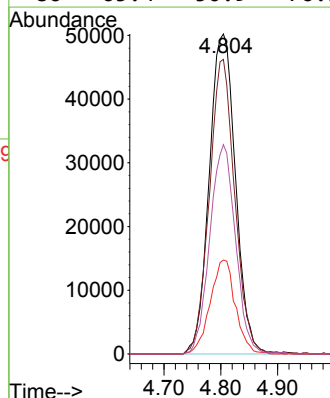
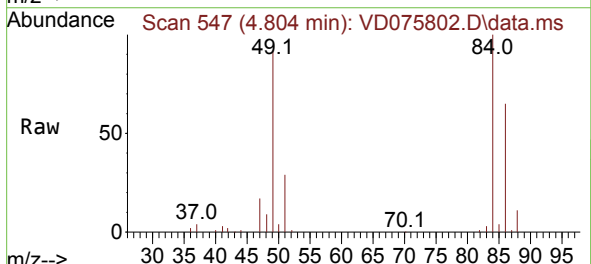
Ion Ratio Lower Upper

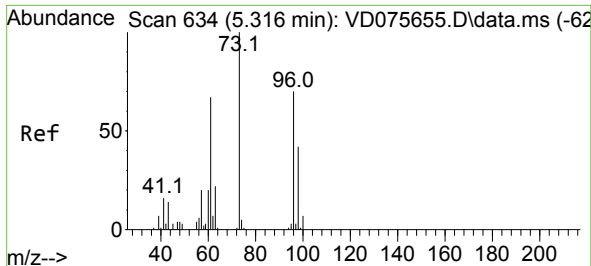
84 100

49 92.1 106.4 159.6#

51 29.4 32.4 48.6#

86 65.4 50.9 76.3

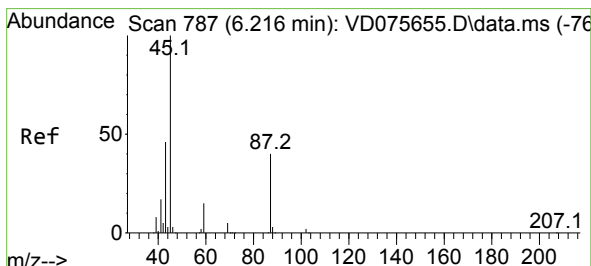
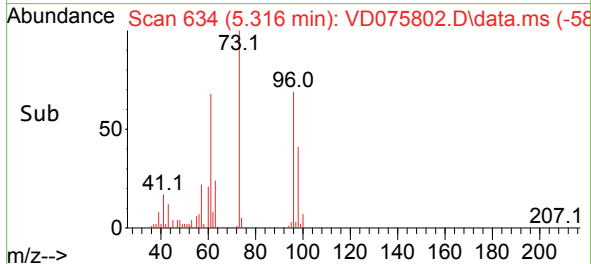
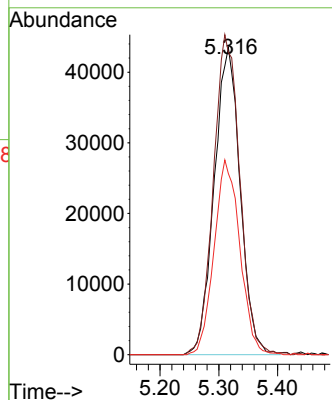
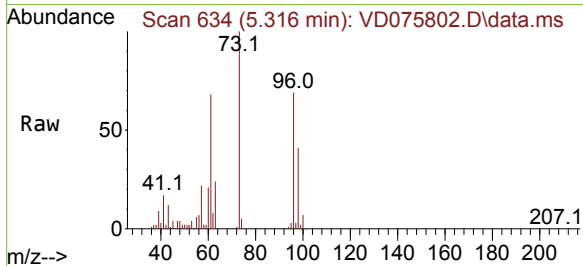




#21
trans-1,2-Dichloroethene
Concen: 47.332 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

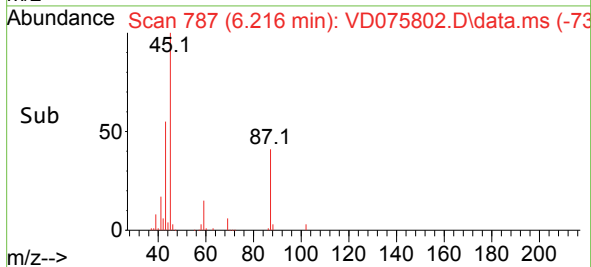
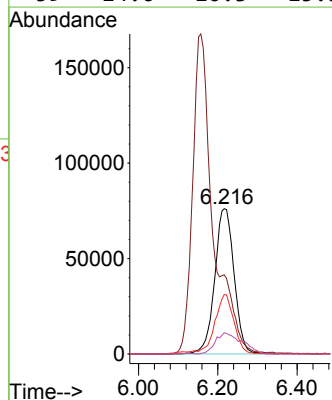
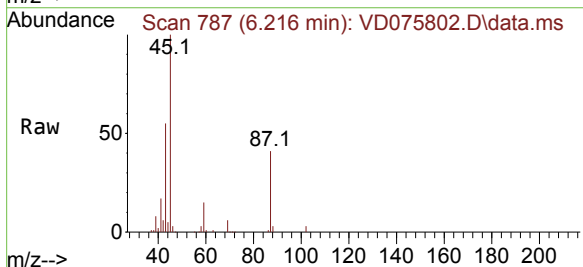
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

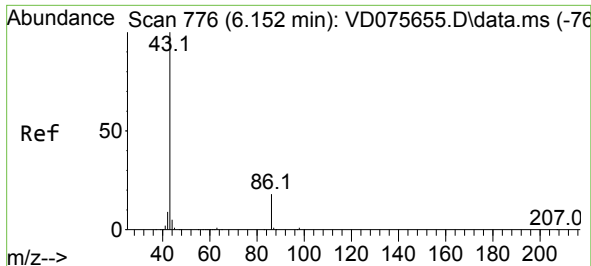
Tgt Ion: 96 Resp: 133682
Ion Ratio Lower Upper
96 100
61 98.5 117.2 175.8#
98 59.0 50.6 76.0



#22
Diisopropyl ether
Concen: 53.163 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion: 45 Resp: 259447
Ion Ratio Lower Upper
45 100
43 53.9 44.4 66.6
87 40.7 20.9 31.3#
59 14.6 10.3 15.5

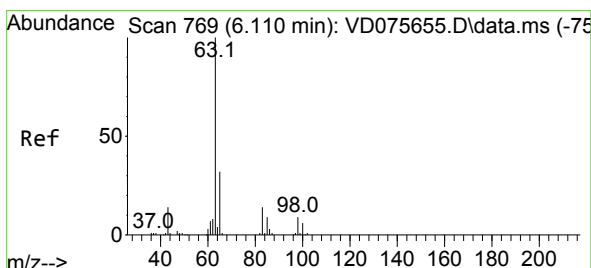
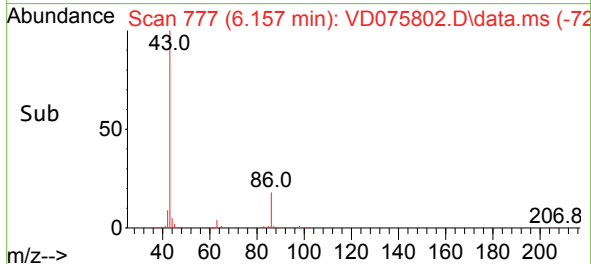
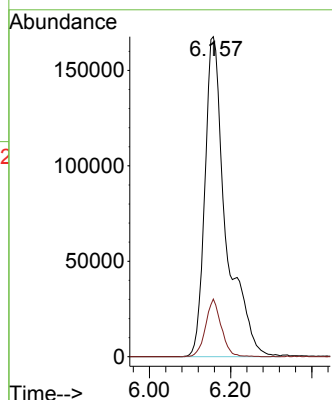
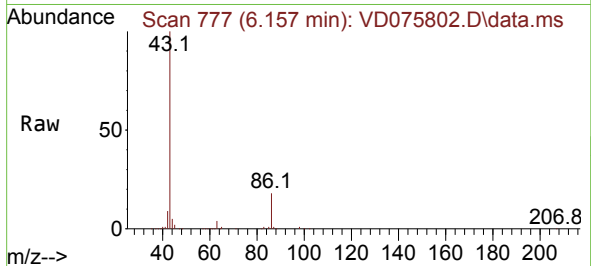




#23
 Vinyl Acetate
 Concen: 266.756 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.005 min
 Lab File: VD075802.D
 Acq: 24 Apr 2023 19:17

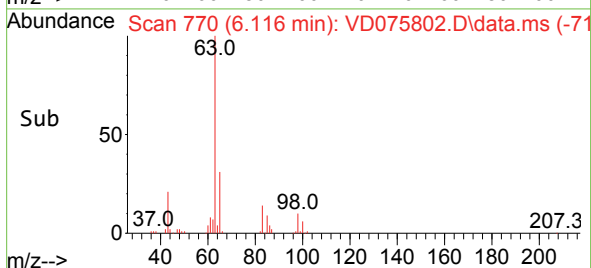
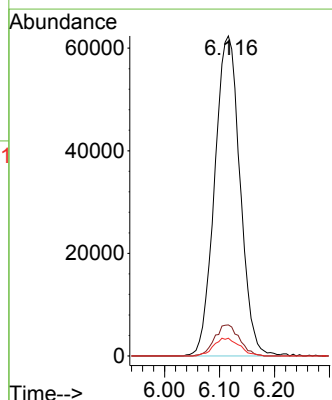
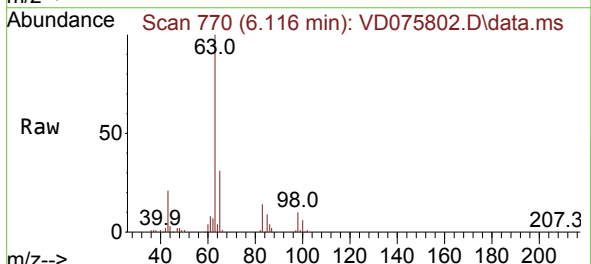
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

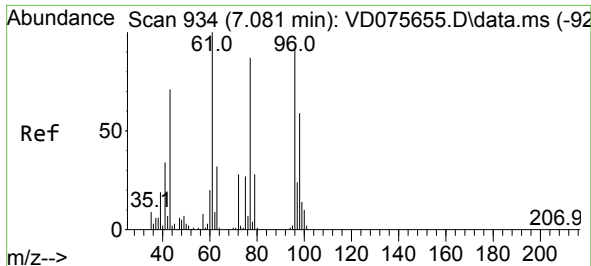
Tgt Ion: 43 Resp: 604679
 Ion Ratio Lower Upper
 43 100
 86 18.0 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 49.494 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD075802.D
 Acq: 24 Apr 2023 19:17

Tgt Ion: 63 Resp: 200148
 Ion Ratio Lower Upper
 63 100
 98 9.7 3.9 11.7
 100 5.6 2.0 6.0

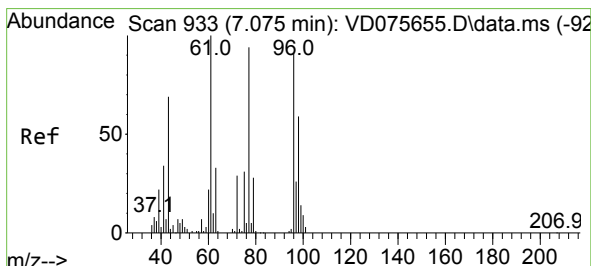
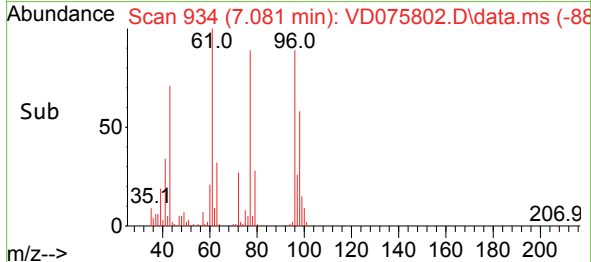
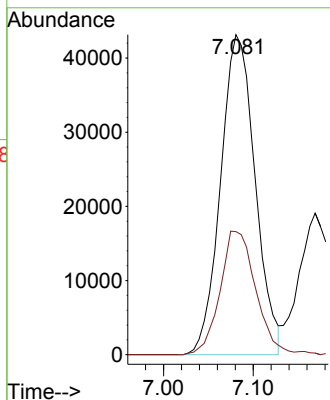
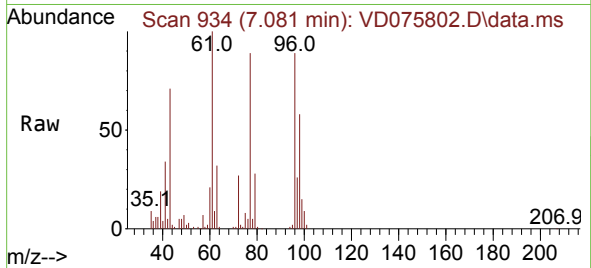




#25
2-Butanone
Concen: 243.427 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

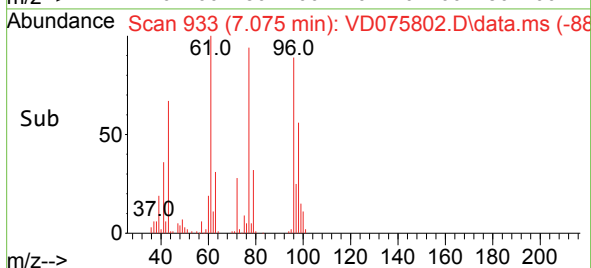
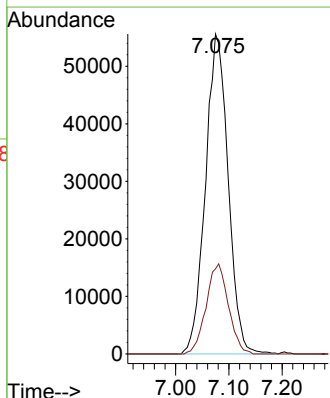
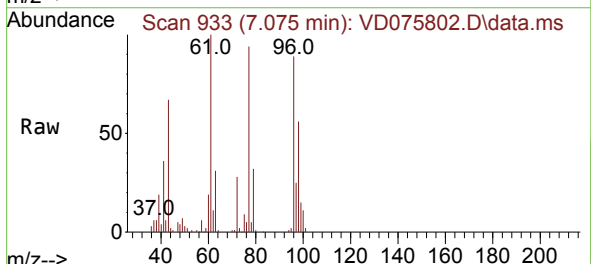
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

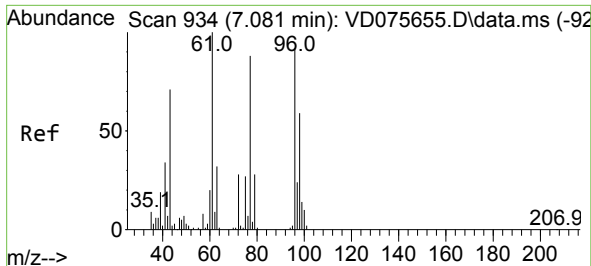
Tgt Ion: 43 Resp: 115394
Ion Ratio Lower Upper
43 100
72 38.4 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 44.907 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion: 77 Resp: 164638
Ion Ratio Lower Upper
77 100
97 27.6 11.1 33.1

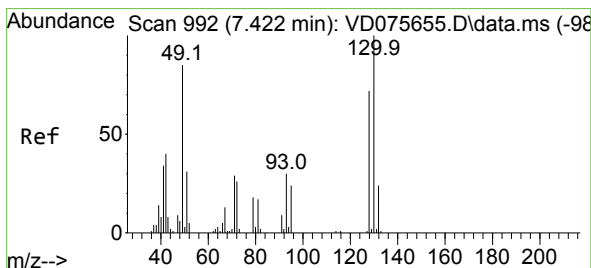
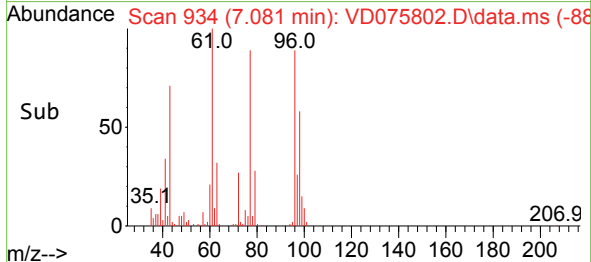
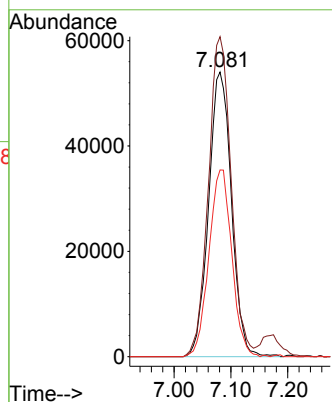
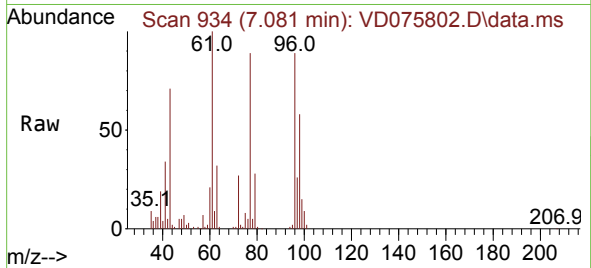




#27
 cis-1,2-Dichloroethene
 Concen: 48.131 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD075802.D
 Acq: 24 Apr 2023 19:17

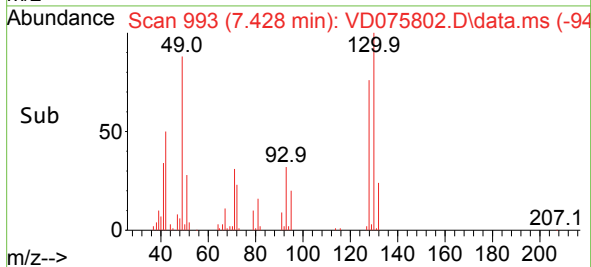
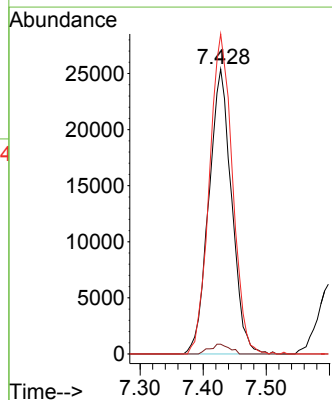
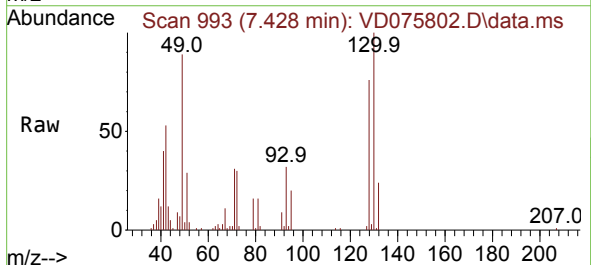
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

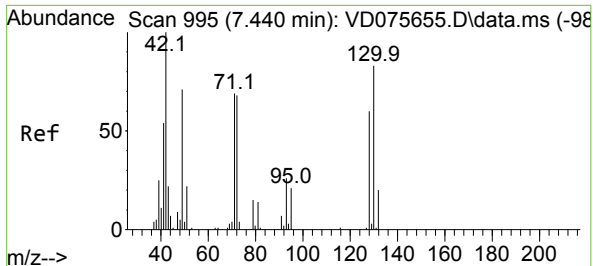
Tgt Ion: 96 Resp: 150584
 Ion Ratio Lower Upper
 96 100
 61 112.3 0.0 295.2
 98 65.7 0.0 129.2



#28
 Bromochloromethane
 Concen: 49.787 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD075802.D
 Acq: 24 Apr 2023 19:17

Tgt Ion: 49 Resp: 63643
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 2.2#
 130 113.8 56.0 84.0#





#29

Tetrahydrofuran

Concen: 266.201 ug/l

RT: 7.445 min Scan# 995

Delta R.T. 0.005 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

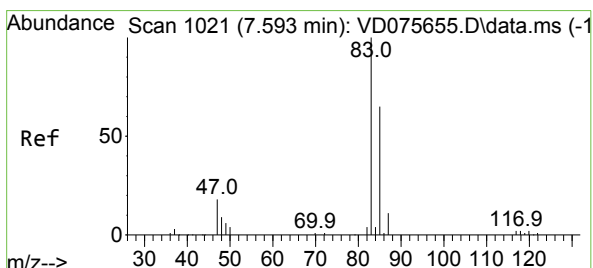
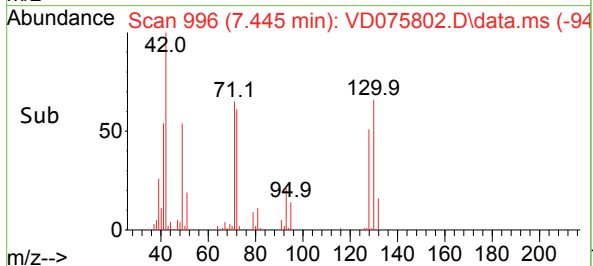
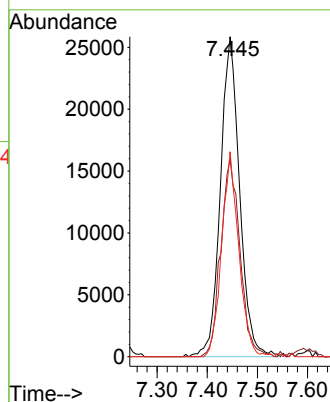
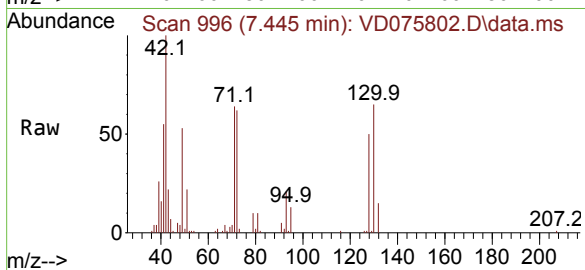
Tgt Ion: 42 Resp: 69008

Ion Ratio Lower Upper

42 100

72 61.6 31.8 47.6#

71 57.2 27.6 41.4#



#30

Chloroform

Concen: 48.537 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.005 min

Lab File: VD075802.D

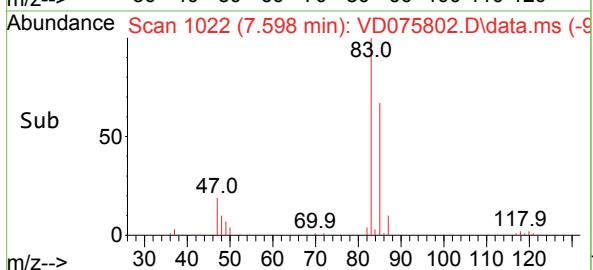
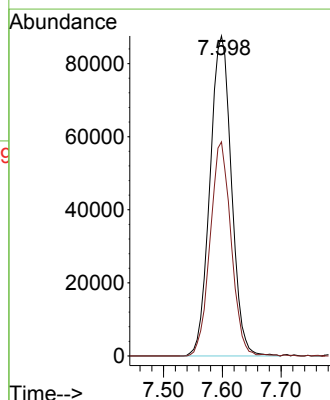
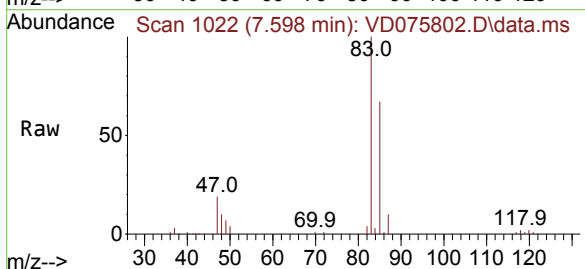
Acq: 24 Apr 2023 19:17

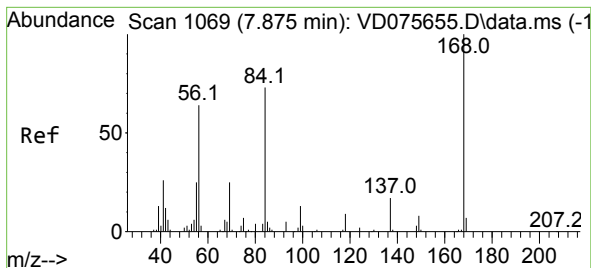
Tgt Ion: 83 Resp: 222512

Ion Ratio Lower Upper

83 100

85 66.9 49.4 74.2





#31

Cyclohexane

Concen: 44.701 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

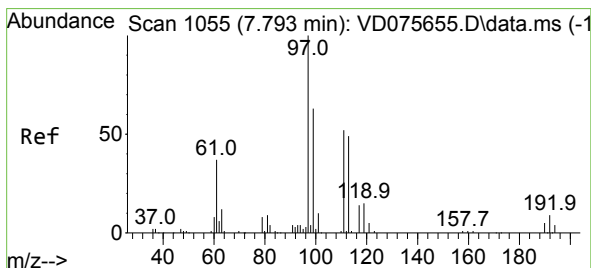
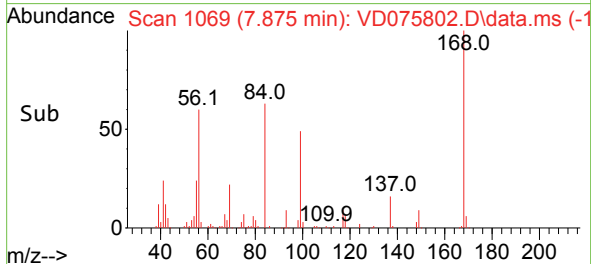
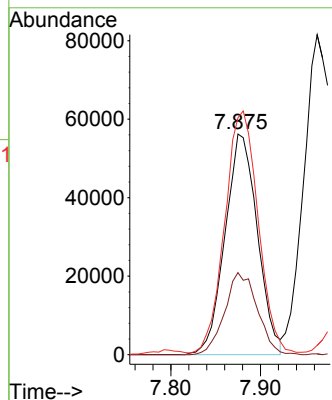
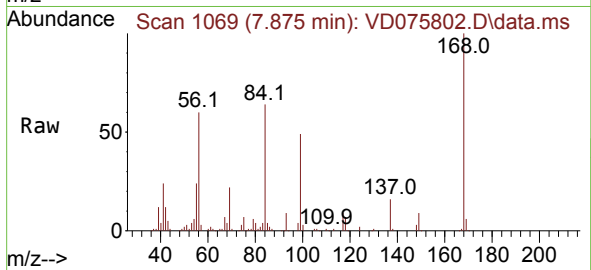
Tgt Ion: 56 Resp: 140971

Ion Ratio Lower Upper

56 100

69 37.2 25.5 38.3

84 106.0 69.6 104.4



#32

1,1,1-Trichloroethane

Concen: 48.334 ug/l

RT: 7.792 min Scan# 1055

Delta R.T. -0.001 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

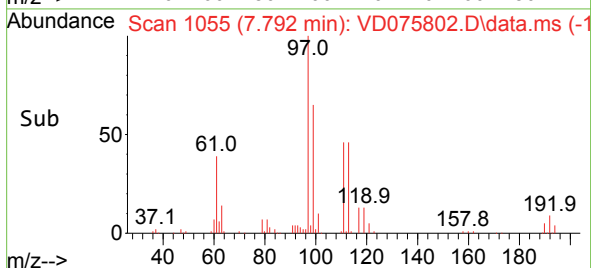
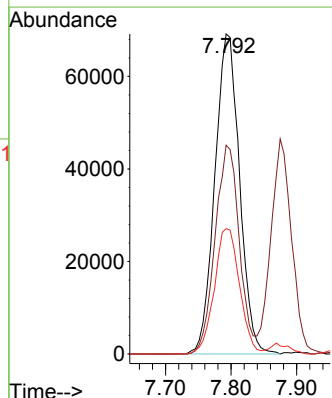
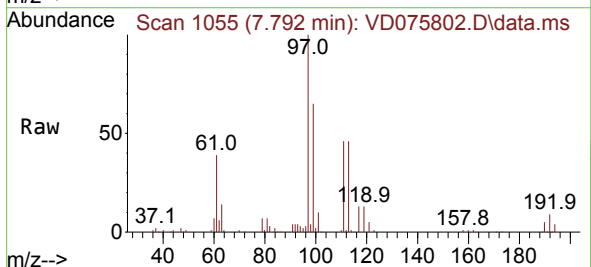
Tgt Ion: 97 Resp: 180679

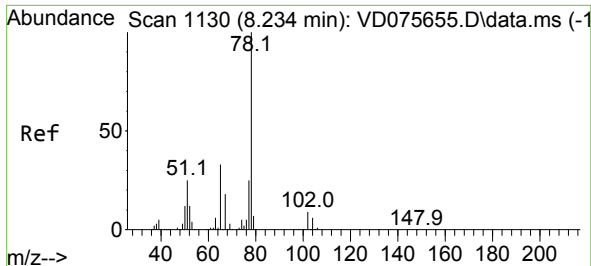
Ion Ratio Lower Upper

97 100

99 64.3 50.5 75.7

61 40.0 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 46.548 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

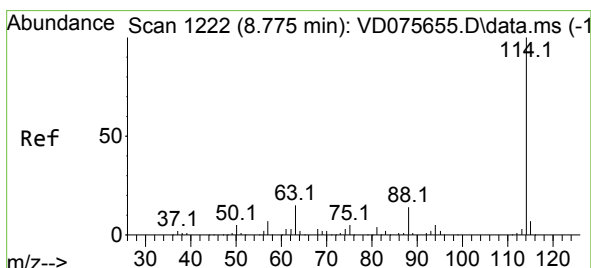
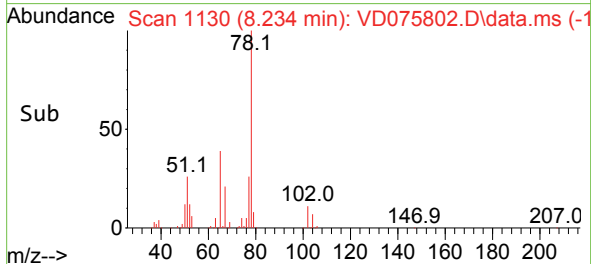
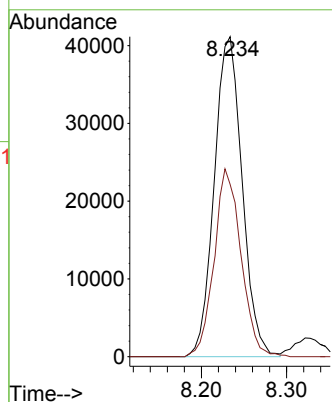
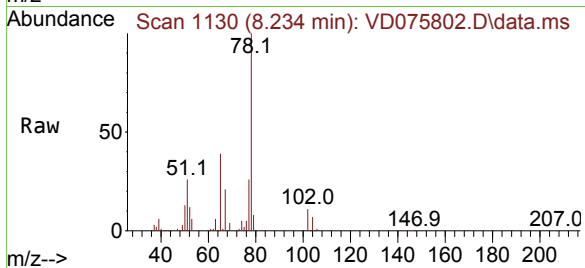
VSTDCCC050EC

Tgt Ion: 65 Resp: 93547

Ion Ratio Lower Upper

65 100

67 56.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

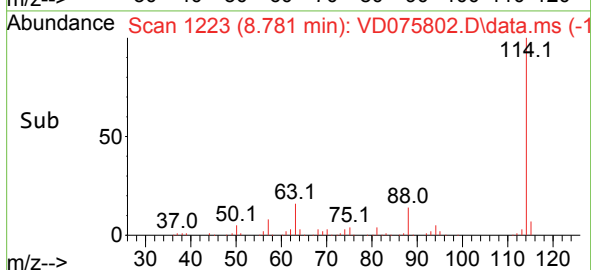
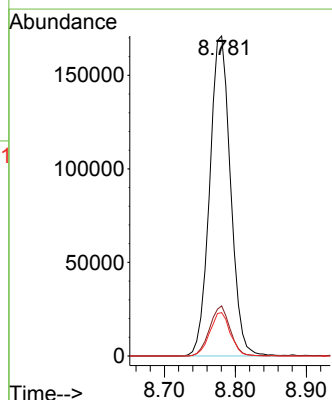
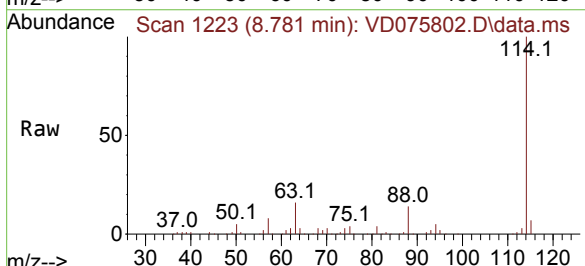
Tgt Ion: 114 Resp: 349222

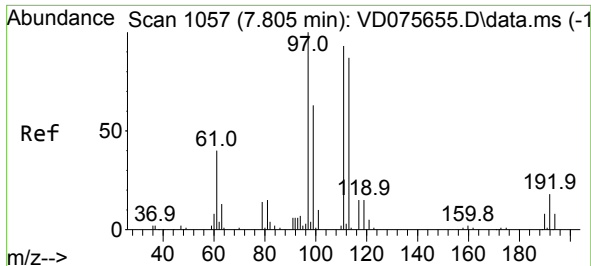
Ion Ratio Lower Upper

114 100

63 15.6 0.0 41.6

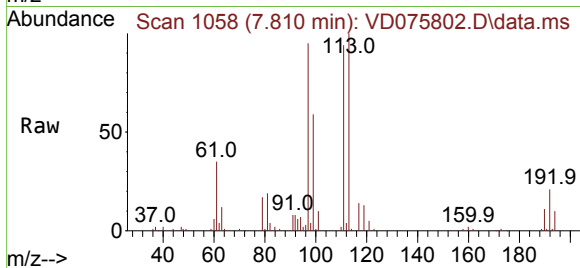
88 13.5 0.0 30.6



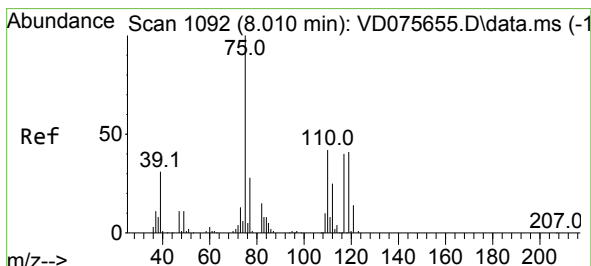
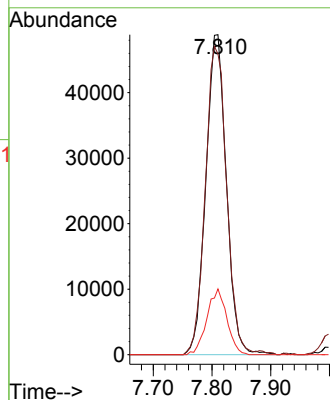
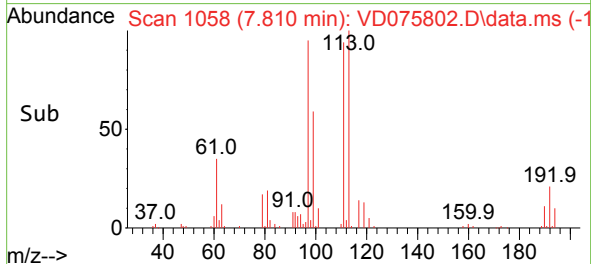


#35
Dibromofluoromethane
Concen: 50.482 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

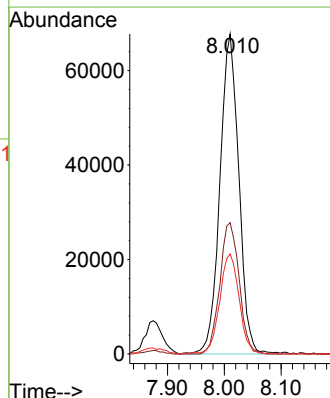
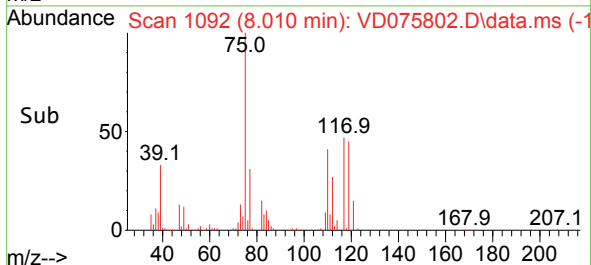
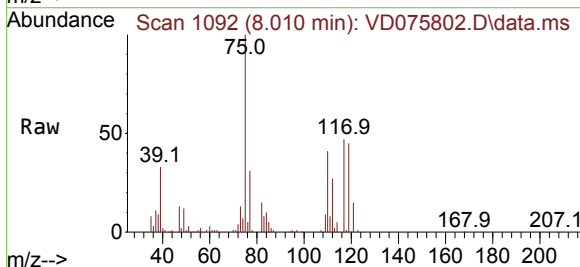


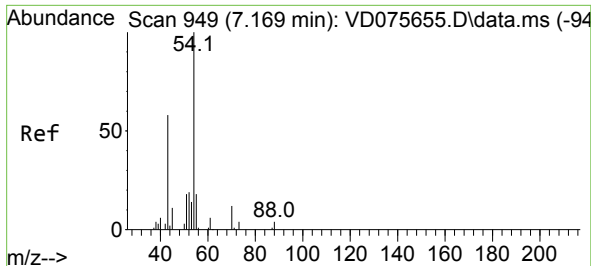
Tgt Ion:113 Resp: 118576
Ion Ratio Lower Upper
113 100
111 100.0 81.4 122.0
192 20.0 15.2 22.8



#36
1,1-Dichloropropene
Concen: 48.451 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion: 75 Resp: 157002
Ion Ratio Lower Upper
75 100
110 41.9 17.1 51.2
77 32.1 24.6 36.8





#37

Ethyl Acetate

Concen: 50.655 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD075802.D

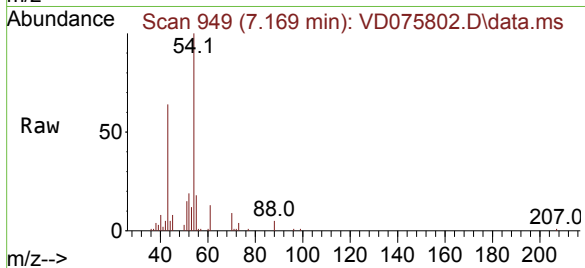
Acq: 24 Apr 2023 19:17

Instrument :

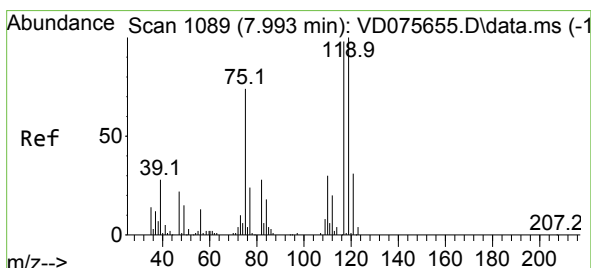
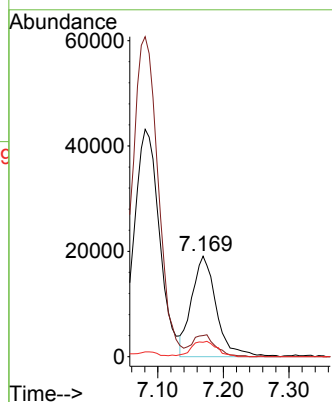
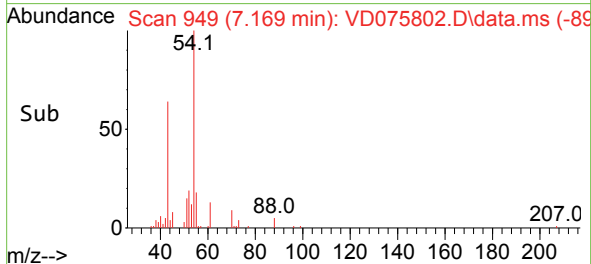
MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion:	43	Resp:	49953
Ion	Ratio	Lower	Upper
43	100		
61	20.9	0.0	0.0#
70	16.1	5.6	8.4#



#38

Carbon Tetrachloride

Concen: 50.915 ug/l

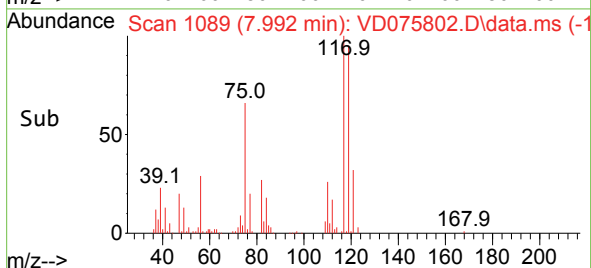
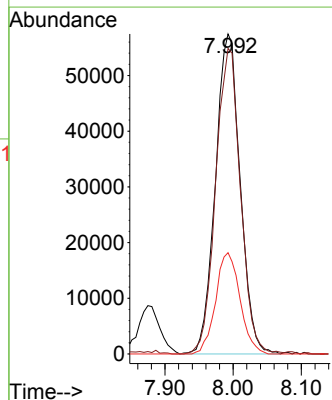
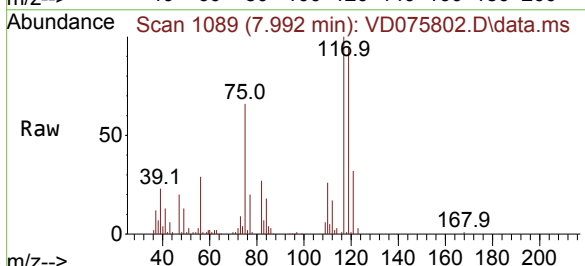
RT: 7.992 min Scan# 1089

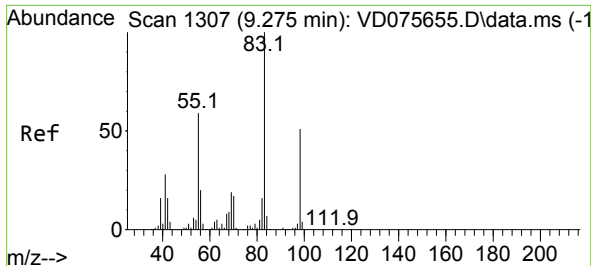
Delta R.T. -0.001 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Tgt Ion:	117	Resp:	145290
Ion	Ratio	Lower	Upper
117	100		
119	95.5	74.7	112.1
121	31.7	25.9	38.9





#39

Methylcyclohexane

Concen: 49.906 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

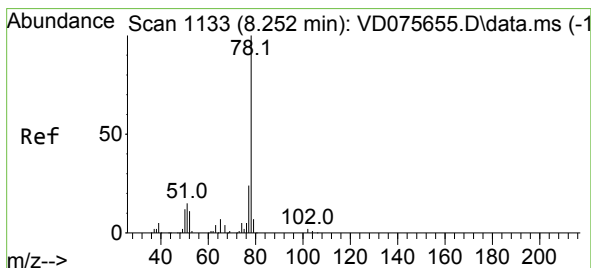
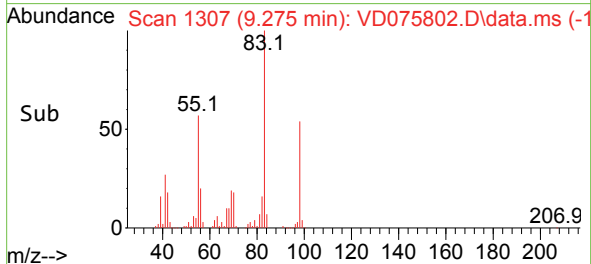
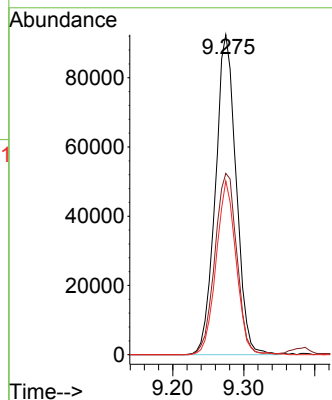
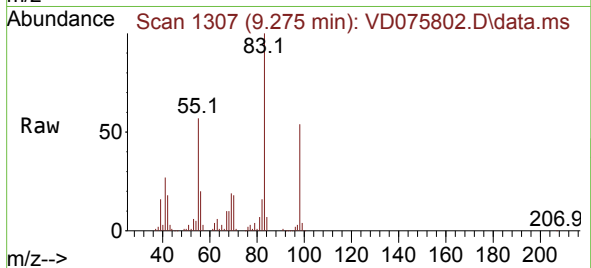
Tgt Ion: 83 Resp: 187000

Ion Ratio Lower Upper

83 100

55 56.7 56.8 85.2#

98 54.3 38.9 58.3



#40

Benzene

Concen: 49.582 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD075802.D

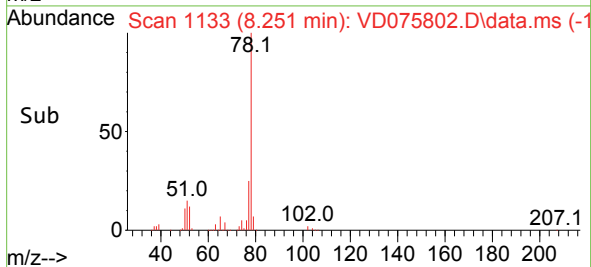
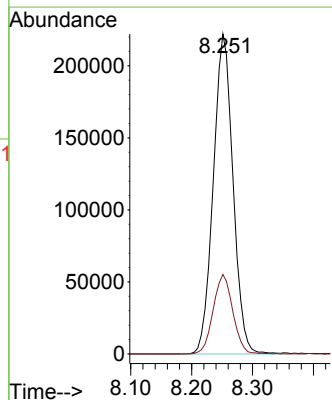
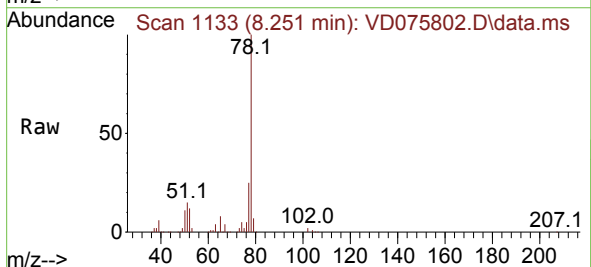
Acq: 24 Apr 2023 19:17

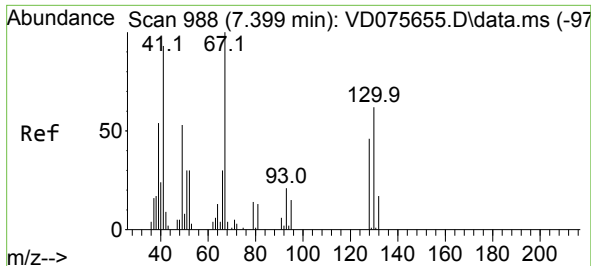
Tgt Ion: 78 Resp: 499467

Ion Ratio Lower Upper

78 100

77 24.8 19.1 28.7

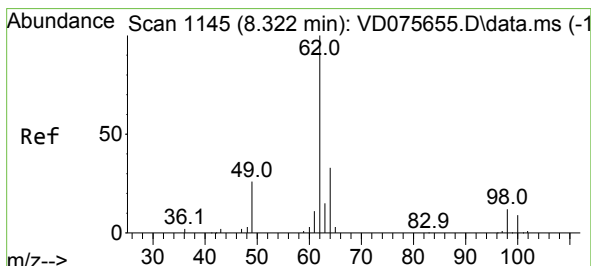
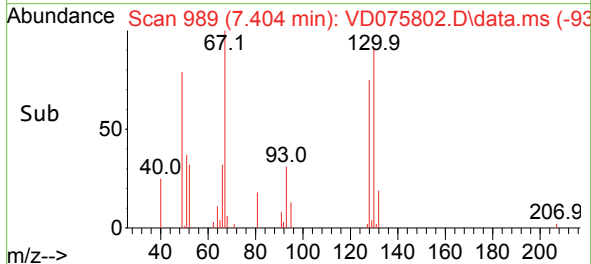
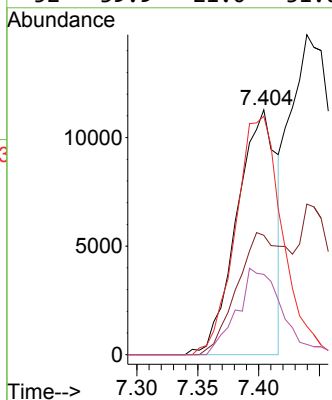
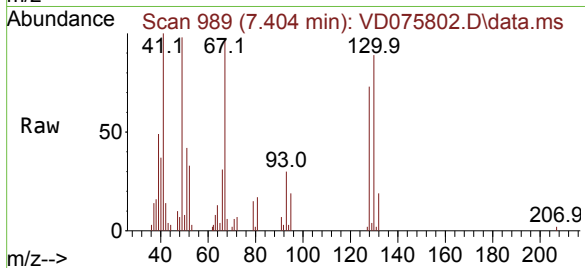




#41
Methacrylonitrile
Concen: 53.973 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

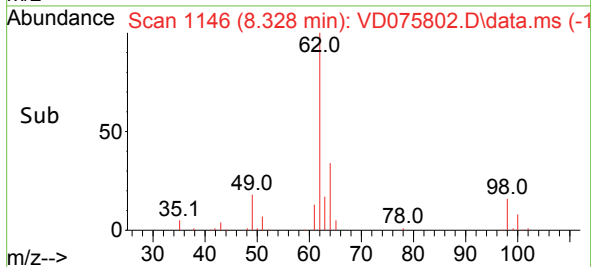
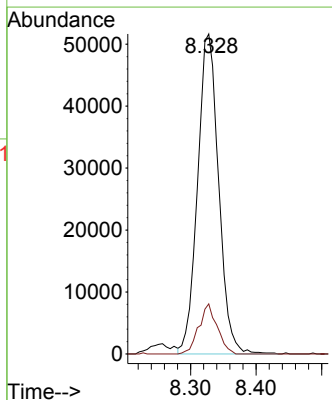
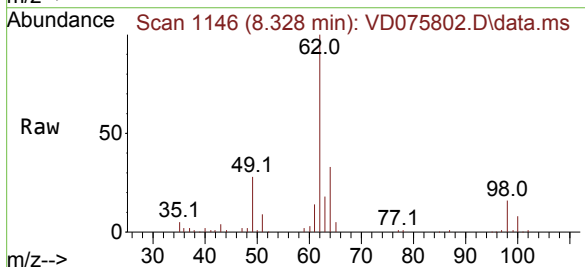
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

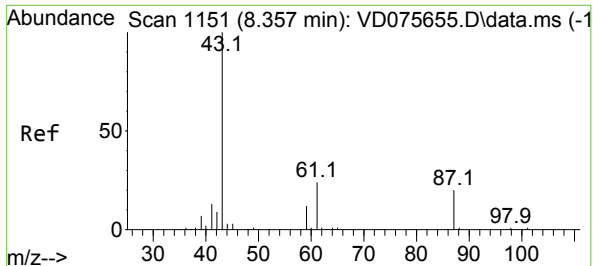
Tgt Ion:	41	Resp:	25542
Ion	Ratio	Lower	Upper
41	100		
39	63.9	45.3	67.9
67	114.6	50.5	75.7#
52	39.9	21.0	31.6#



#42
1,2-Dichloroethane
Concen: 50.458 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion:	62	Resp:	115453
Ion	Ratio	Lower	Upper
62	100		
98	13.6	0.0	18.8





#43

Isopropyl Acetate

Concen: 52.141 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.006 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

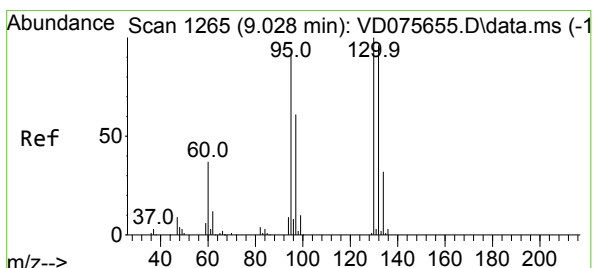
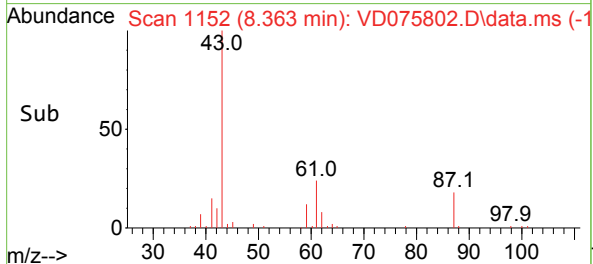
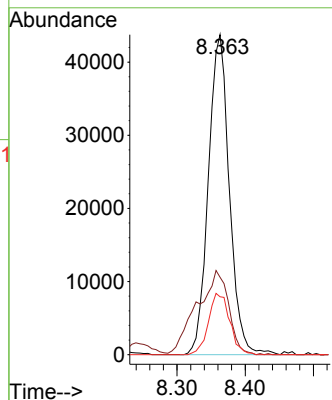
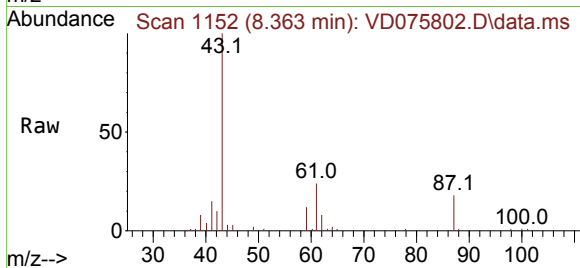
Tgt Ion: 43 Resp: 93762

Ion Ratio Lower Upper

43 100

61 39.5 23.4 35.0#

87 19.4 9.5 14.3#



#44

Trichloroethene

Concen: 50.455 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD075802.D

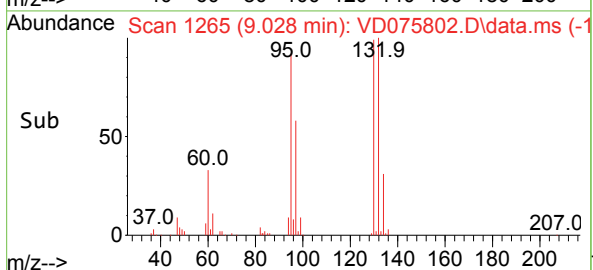
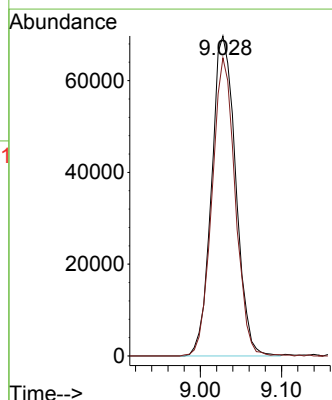
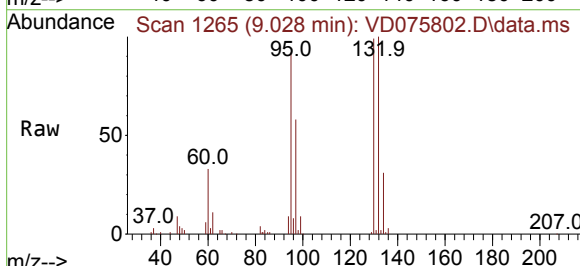
Acq: 24 Apr 2023 19:17

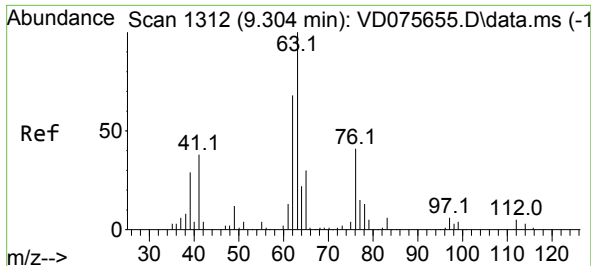
Tgt Ion:130 Resp: 143844

Ion Ratio Lower Upper

130 100

95 93.2 0.0 197.6





#45

1,2-Dichloropropane

Concen: 52.234 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

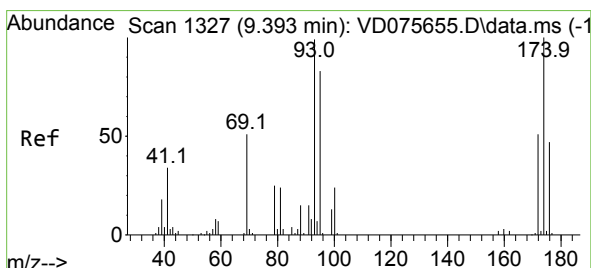
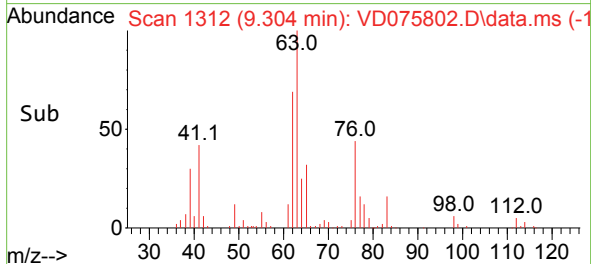
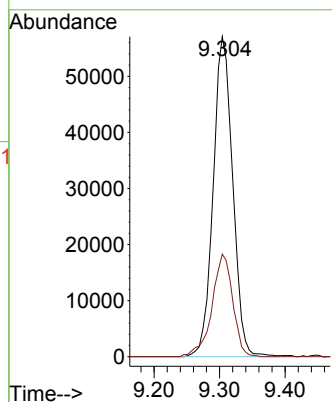
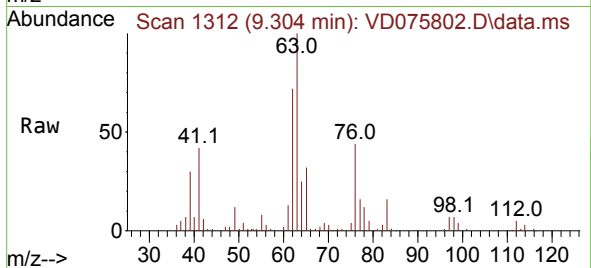
VSTDCCC050EC

Tgt Ion: 63 Resp: 117915

Ion Ratio Lower Upper

63 100

65 32.1 23.0 34.4



#46

Dibromomethane

Concen: 49.344 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.001 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

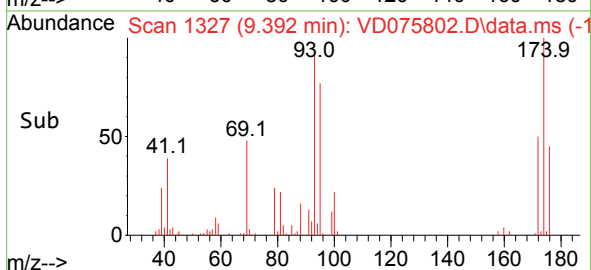
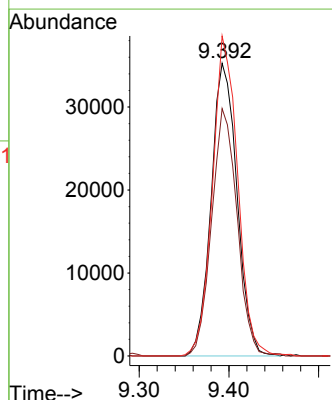
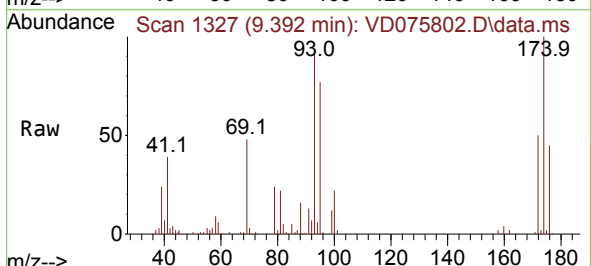
Tgt Ion: 93 Resp: 70667

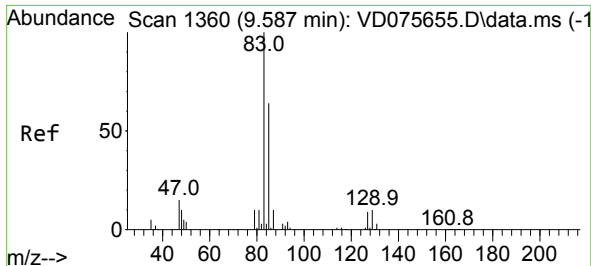
Ion Ratio Lower Upper

93 100

95 83.2 64.5 96.7

174 106.6 76.2 114.4

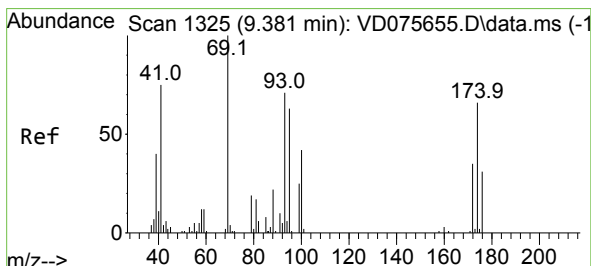
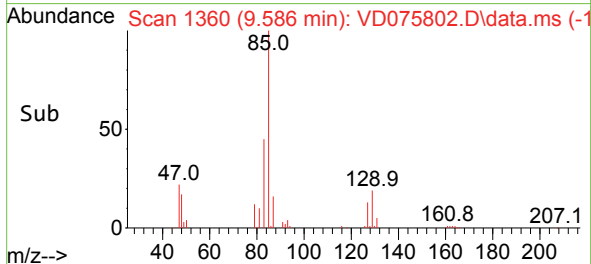
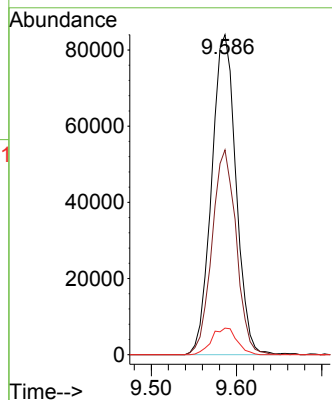
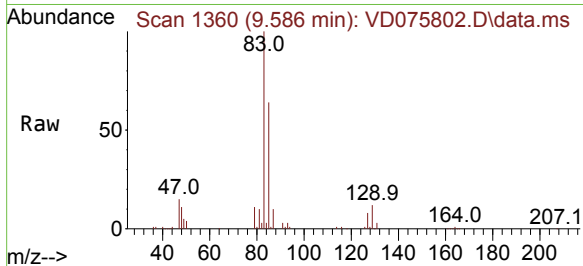




#47
Bromodichloromethane
Concen: 50.799 ug/l
RT: 9.586 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

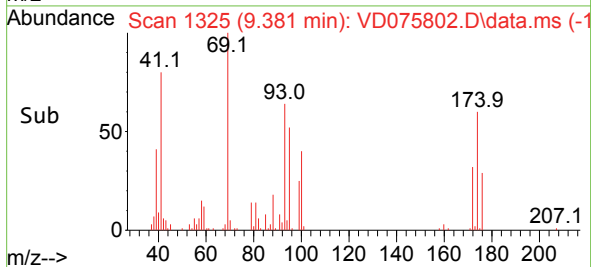
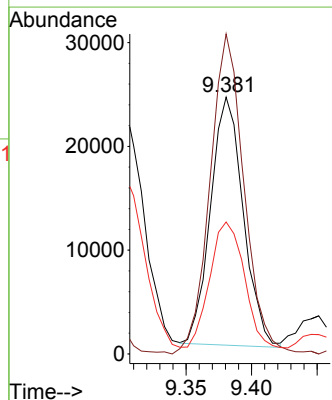
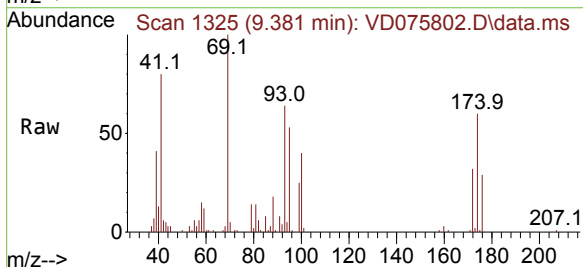
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

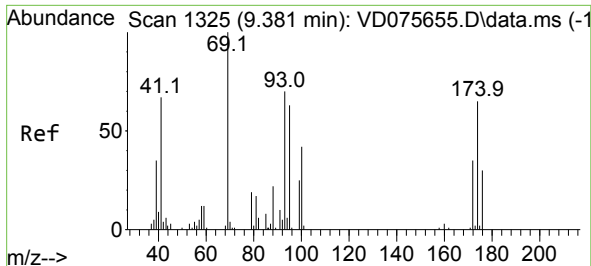
Tgt Ion: 83 Resp: 166413
Ion Ratio Lower Upper
83 100
85 64.0 53.7 80.5
127 8.3 7.0 10.6



#48
Methyl methacrylate
Concen: 51.707 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion: 41 Resp: 41426
Ion Ratio Lower Upper
41 100
69 134.6 58.6 88.0#
39 60.1 53.4 80.0





#49

1,4-Dioxane

Concen: 1018.676 ug/l

RT: 9.386 min Scan# 1325

Delta R.T. 0.005 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

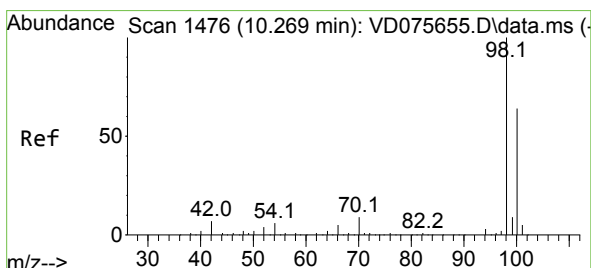
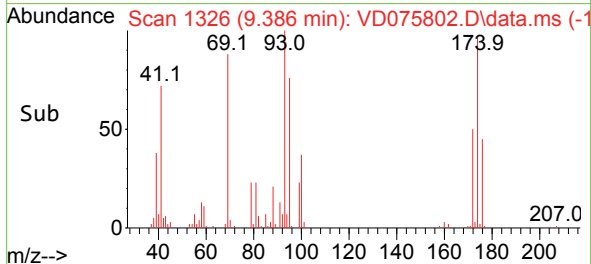
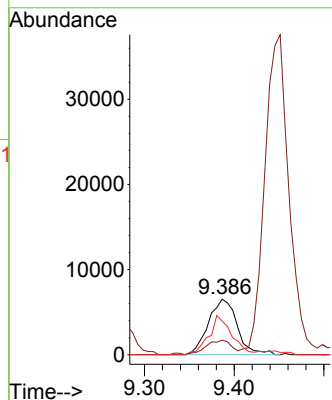
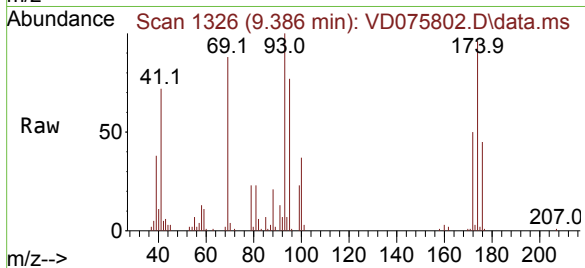
Tgt Ion: 88 Resp: 14474

Ion Ratio Lower Upper

88 100

43 23.1 34.6 51.8#

58 56.2 58.0 87.0#



#50

Toluene-d8

Concen: 48.896 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075802.D

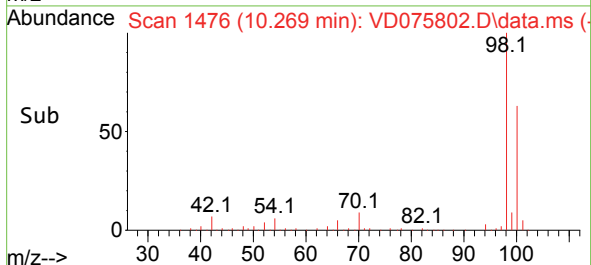
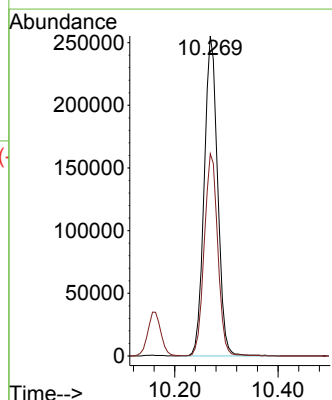
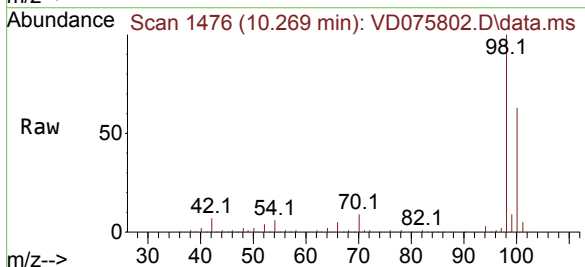
Acq: 24 Apr 2023 19:17

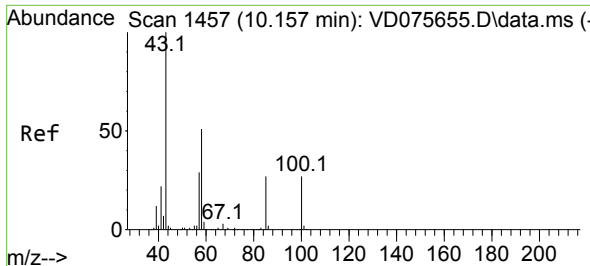
Tgt Ion: 98 Resp: 459925

Ion Ratio Lower Upper

98 100

100 63.7 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 259.326 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

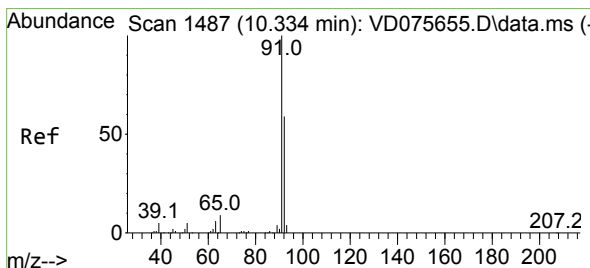
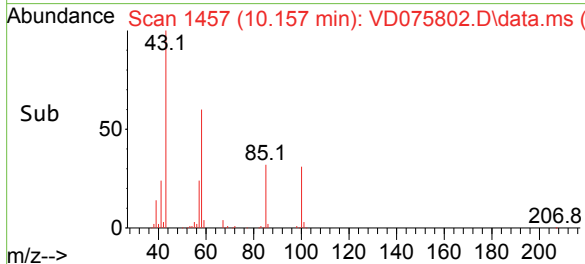
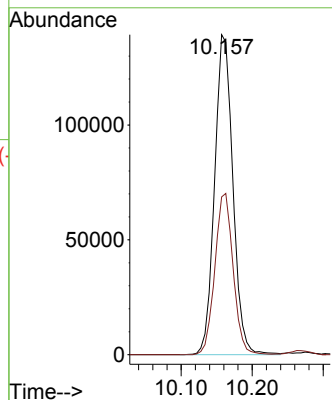
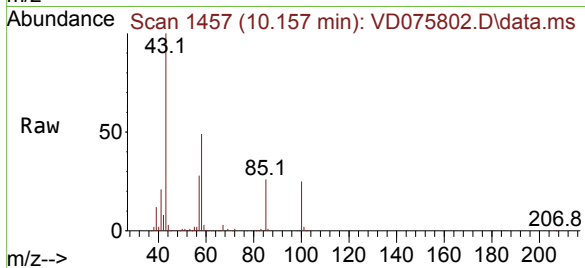
VSTDCCC050EC

Tgt Ion: 43 Resp: 248638

Ion Ratio Lower Upper

43 100

58 50.4 29.5 44.3#



#52

Toluene

Concen: 49.127 ug/l

RT: 10.333 min Scan# 1487

Delta R.T. -0.001 min

Lab File: VD075802.D

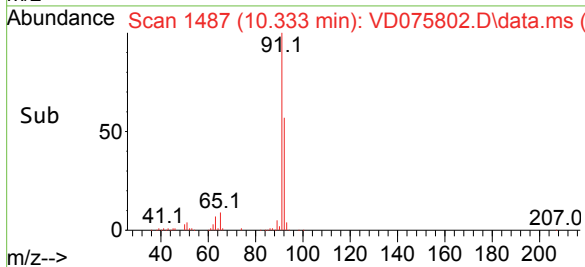
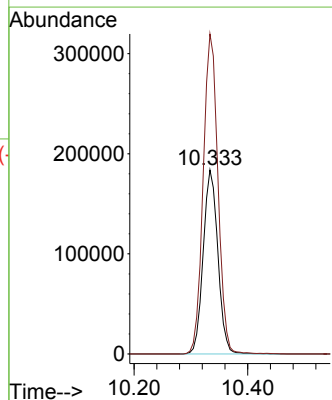
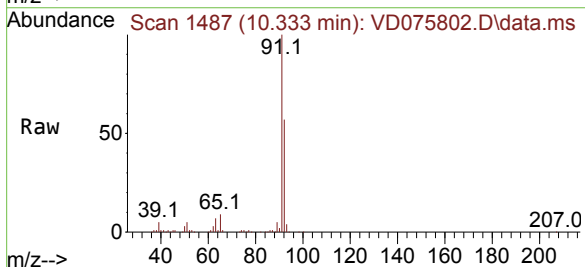
Acq: 24 Apr 2023 19:17

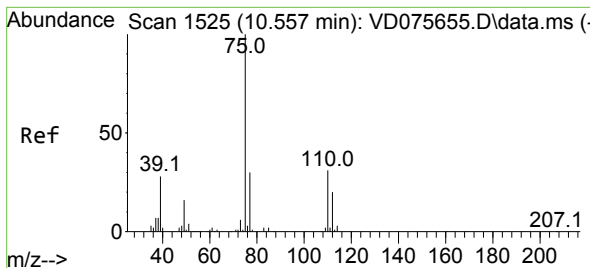
Tgt Ion: 92 Resp: 329077

Ion Ratio Lower Upper

92 100

91 175.5 136.5 204.7

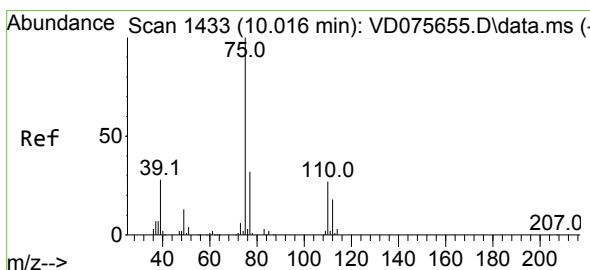
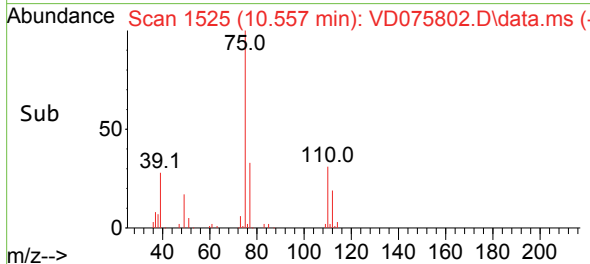
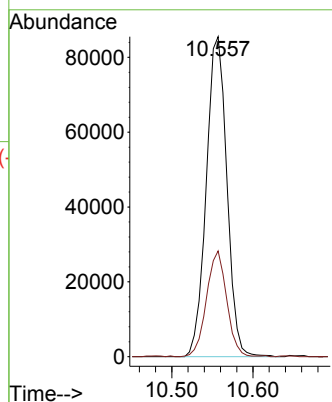
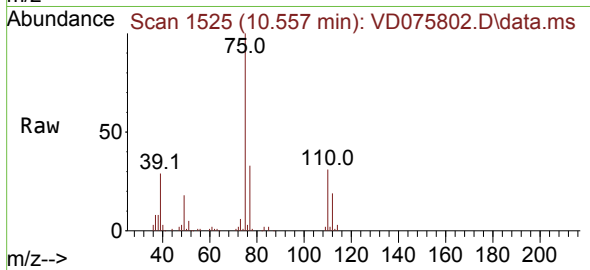




#53
 t-1,3-Dichloropropene
 Concen: 47.983 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD075802.D
 Acq: 24 Apr 2023 19:17

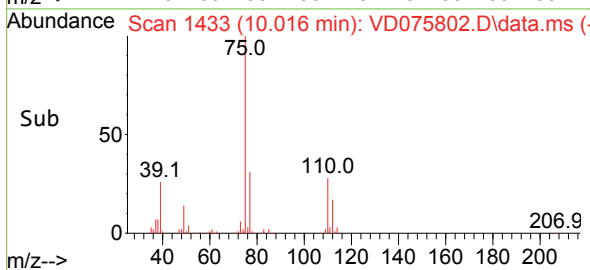
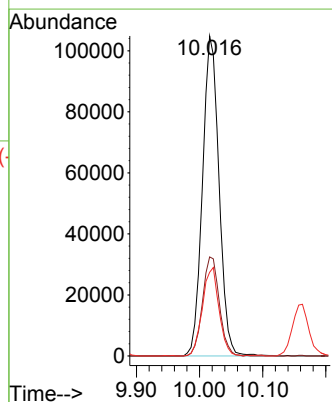
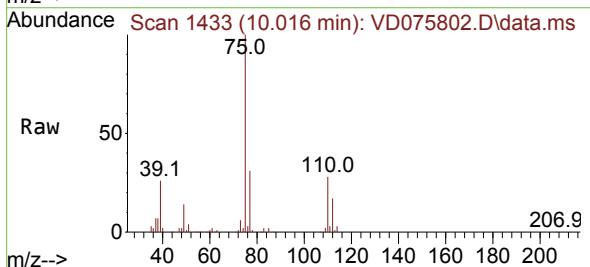
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

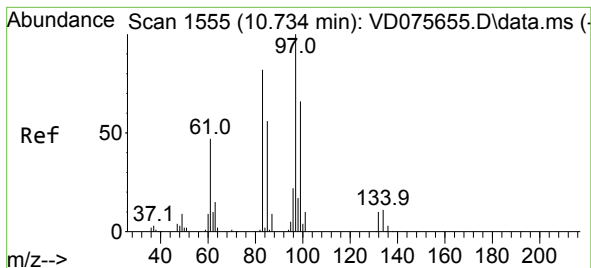
Tgt Ion: 75 Resp: 150680
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 51.147 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075802.D
 Acq: 24 Apr 2023 19:17

Tgt Ion: 75 Resp: 190837
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.6 38.4
 39 26.1 44.8 67.2#





#55

1,1,2-Trichloroethane

Concen: 49.157 ug/l

RT: 10.733 min Scan# 1555

Delta R.T. -0.001 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 101931

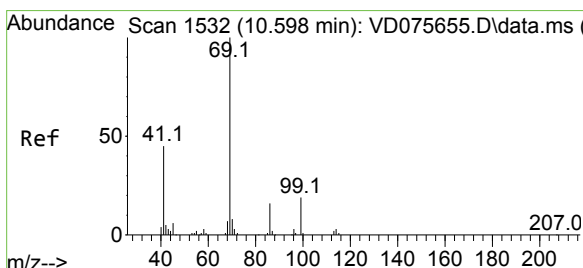
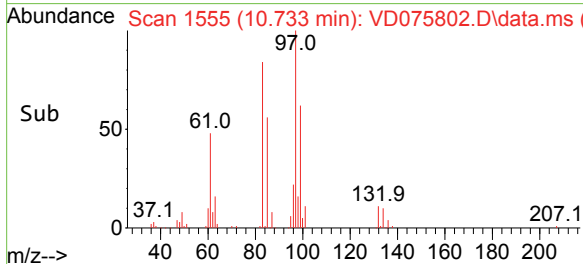
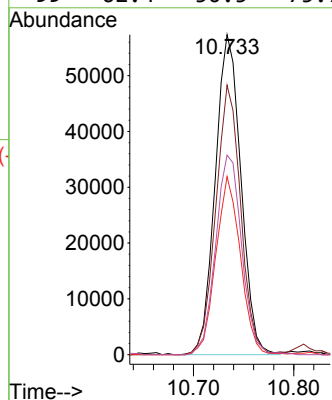
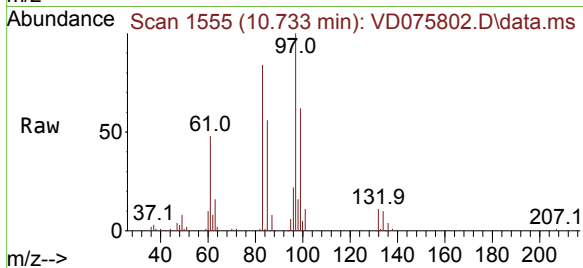
Ion Ratio Lower Upper

97 100

83 84.2 74.2 111.4

85 55.6 45.4 68.0

99 62.4 50.5 75.7



#56

Ethyl methacrylate

Concen: 50.744 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

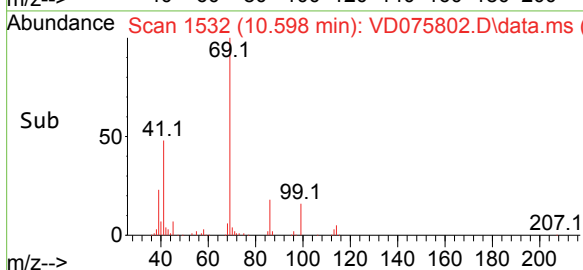
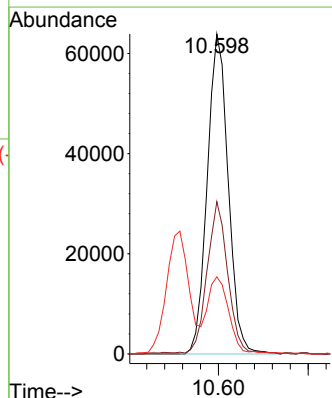
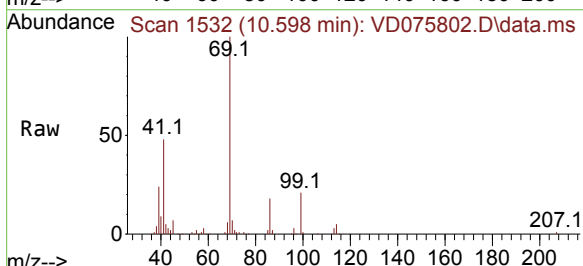
Tgt Ion: 69 Resp: 103551

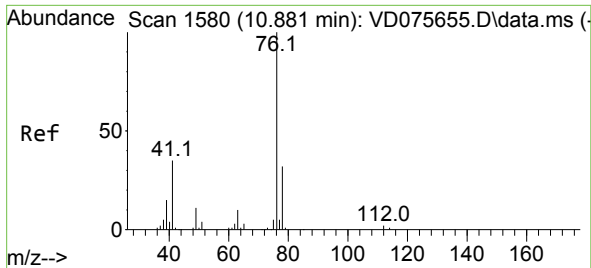
Ion Ratio Lower Upper

69 100

41 47.4 59.3 88.9#

39 24.6 36.0 54.0#

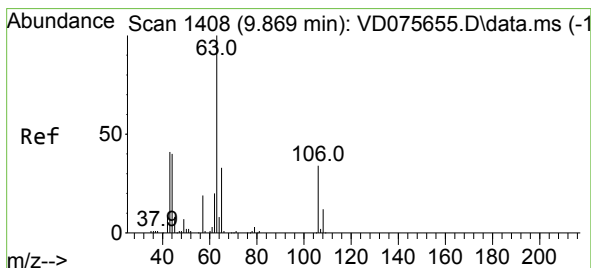
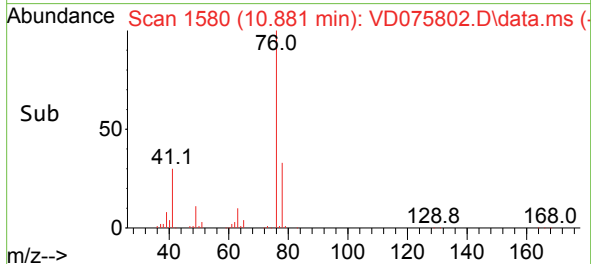
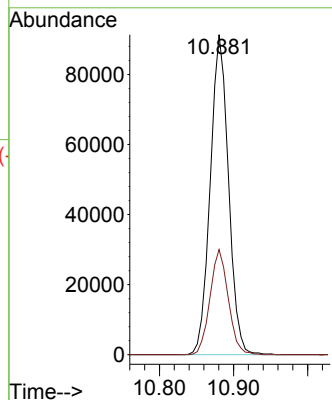
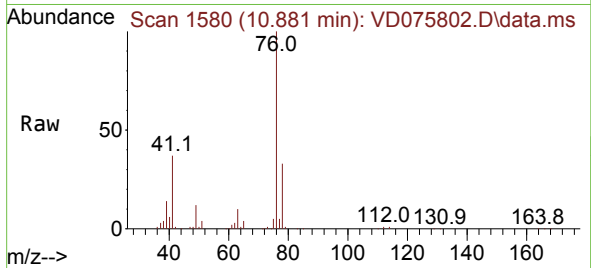




#57
1,3-Dichloropropane
Concen: 49.567 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

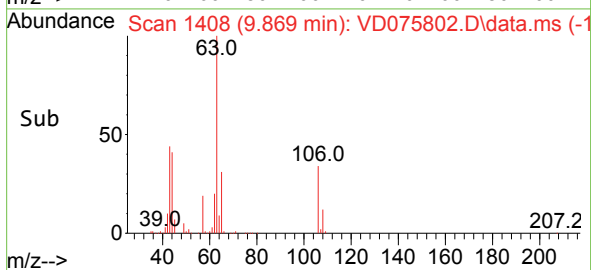
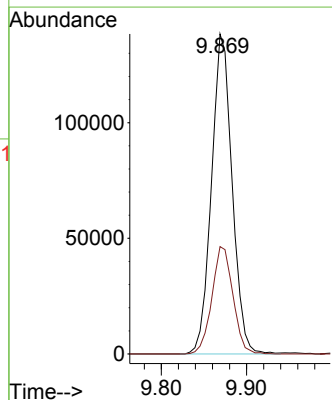
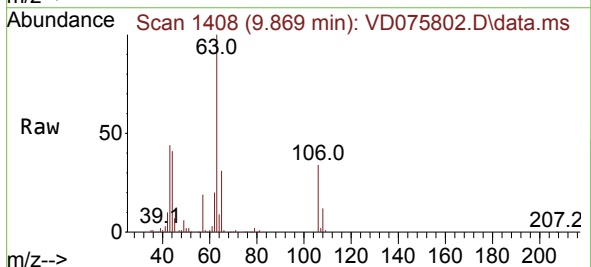
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

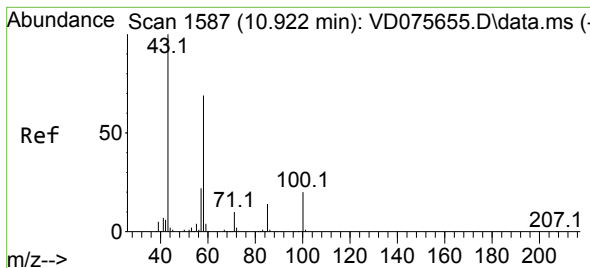
Tgt Ion: 76 Resp: 156036
Ion Ratio Lower Upper
76 100
78 32.8 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 265.457 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion: 63 Resp: 232644
Ion Ratio Lower Upper
63 100
106 34.2 21.4 32.2#

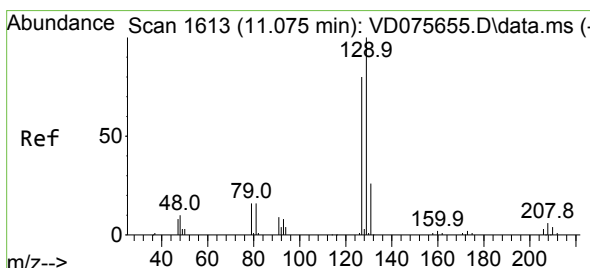
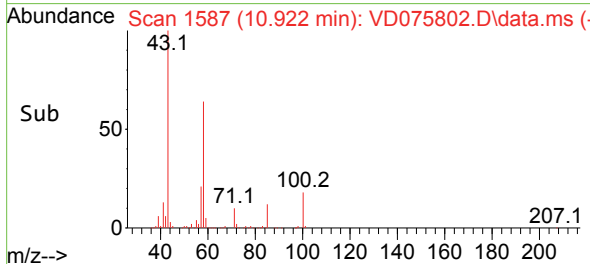
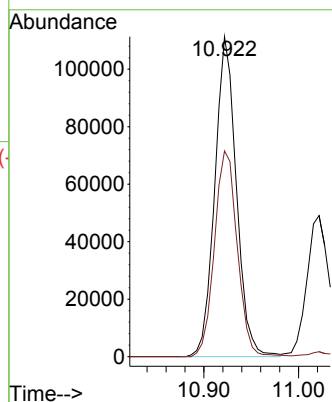
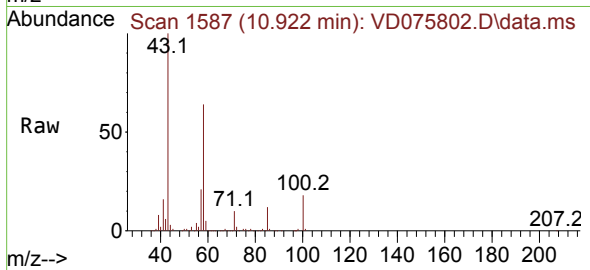




#59
2-Hexanone
Concen: 261.819 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

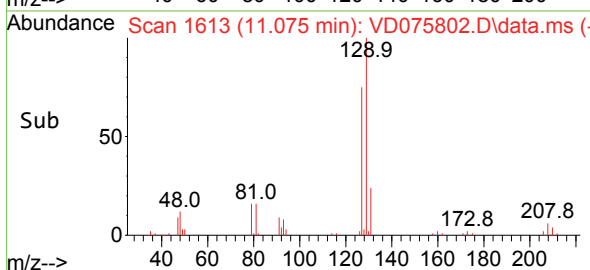
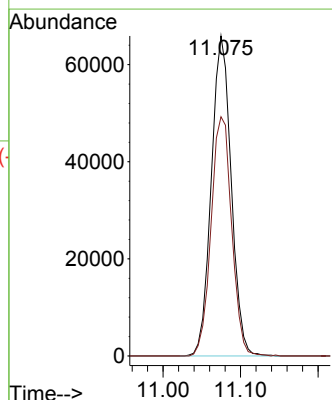
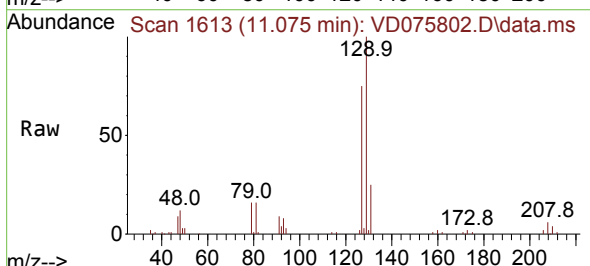
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

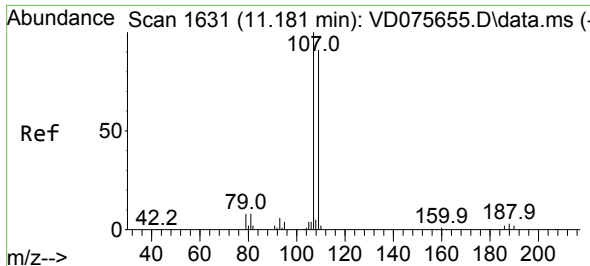
Tgt Ion: 43 Resp: 176503
Ion Ratio Lower Upper
43 100
58 67.9 25.3 75.8



#60
Dibromochloromethane
Concen: 48.421 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion: 129 Resp: 117488
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.5

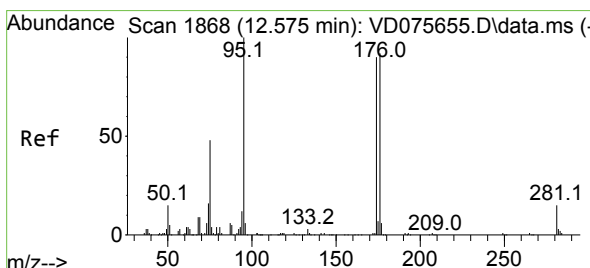
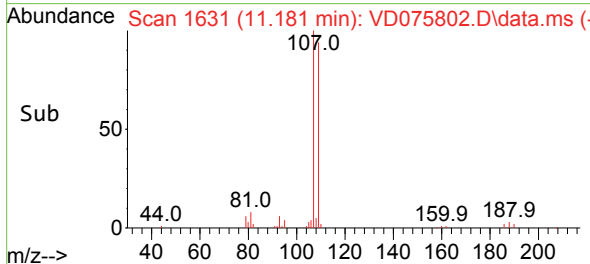
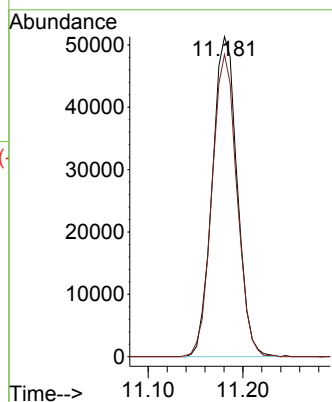
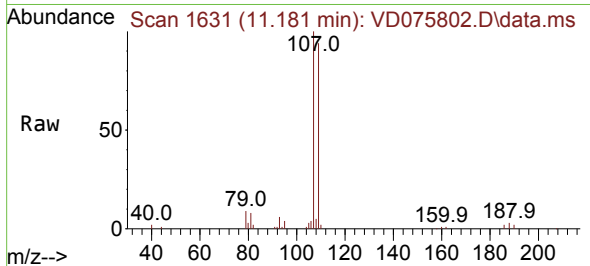




#61
1,2-Dibromoethane
Concen: 47.270 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

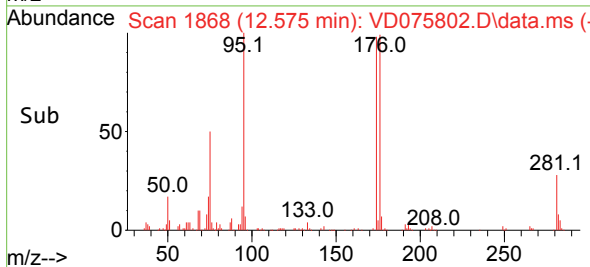
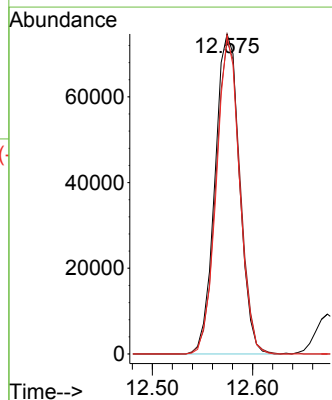
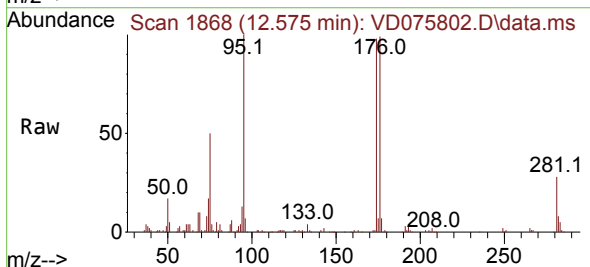
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

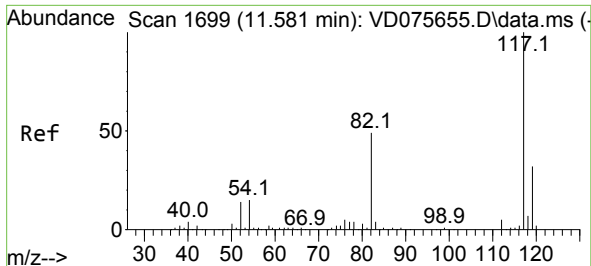
Tgt Ion:107 Resp: 93503
Ion Ratio Lower Upper
107 100
109 94.6 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 50.506 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion: 95 Resp: 126272
Ion Ratio Lower Upper
95 100
174 96.9 0.0 164.0
176 93.9 0.0 156.8

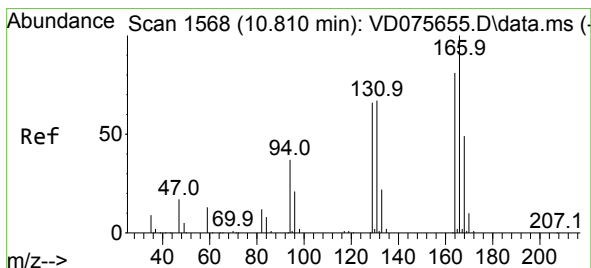
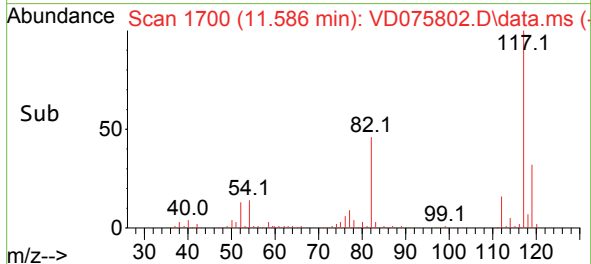
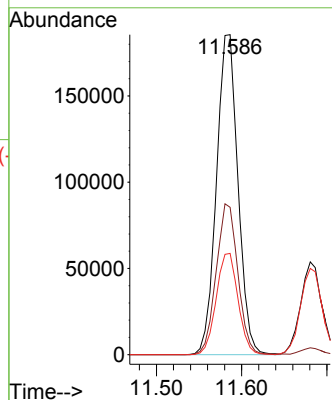
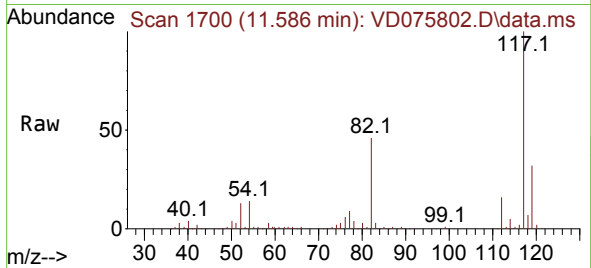




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

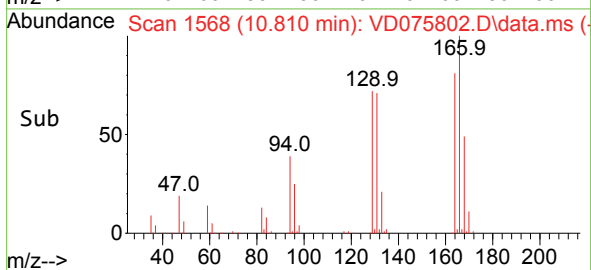
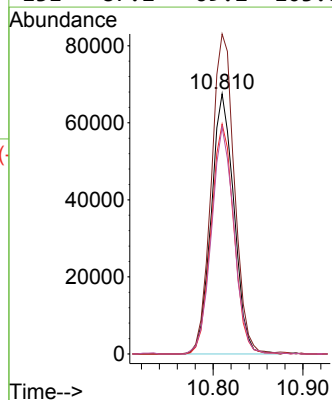
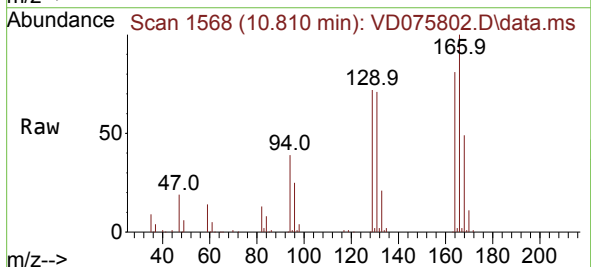
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

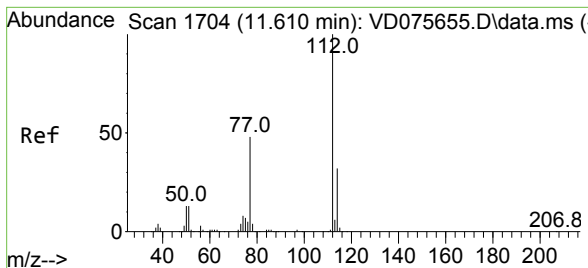
Tgt Ion:117 Resp: 325734
Ion Ratio Lower Upper
117 100
82 46.1 44.0 66.0
119 31.6 25.1 37.7



#64
Tetrachloroethene
Concen: 50.582 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion:164 Resp: 118660
Ion Ratio Lower Upper
164 100
166 123.0 94.9 142.3
129 88.4 73.0 109.6
131 87.2 69.2 103.8

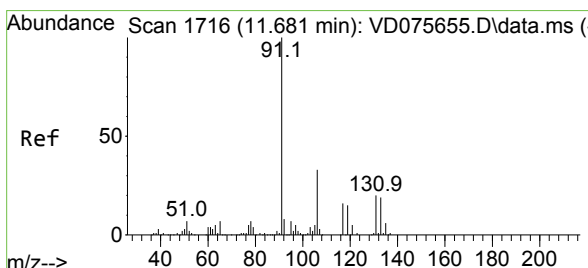
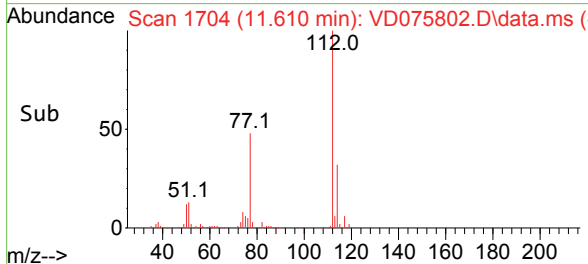
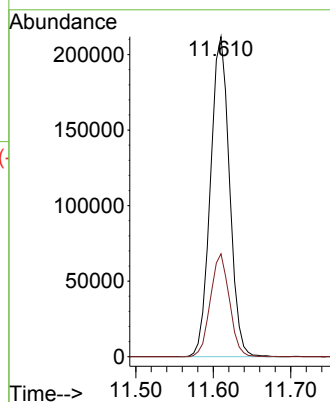
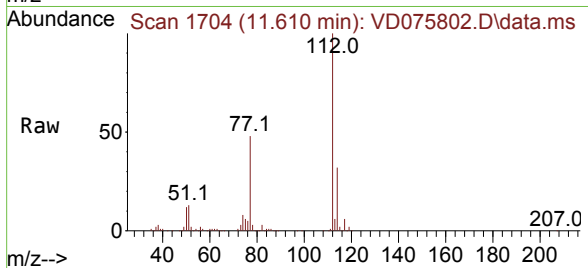




#65
Chlorobenzene
Concen: 51.840 ug/l
RT: 11.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

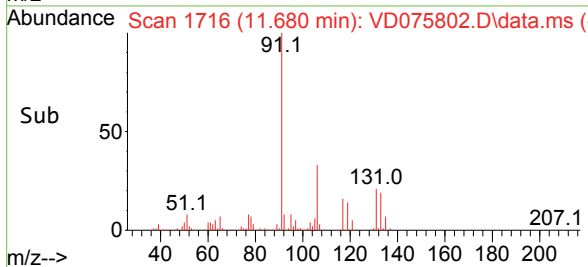
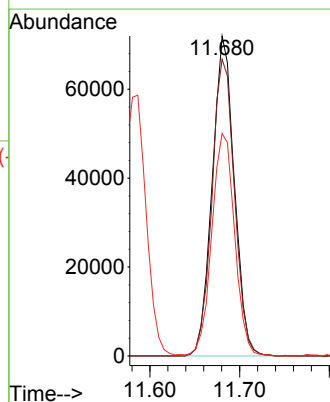
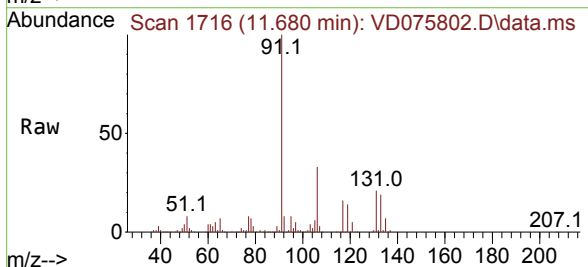
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

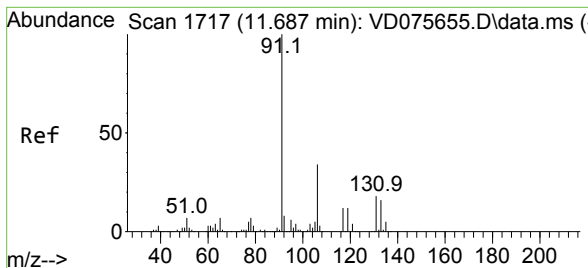
Tgt Ion:112 Resp: 361683
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.181 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.001 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion:131 Resp: 122757
Ion Ratio Lower Upper
131 100
133 95.1 46.7 140.0
119 72.1 31.9 95.9





#67

Ethyl Benzene

Concen: 52.394 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. -0.001 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

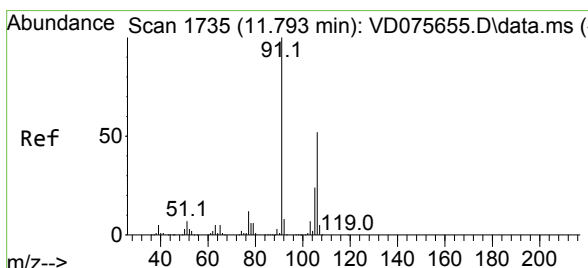
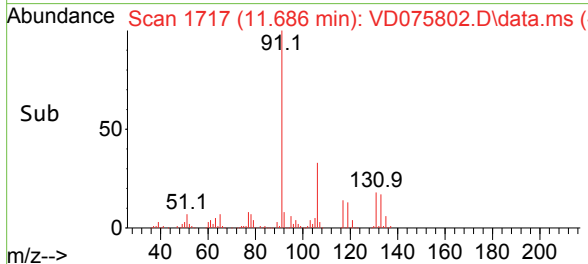
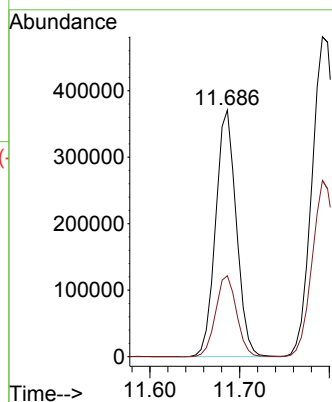
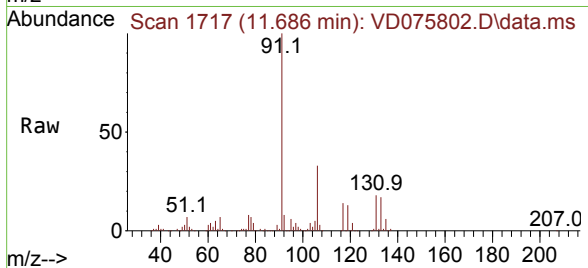
VSTDCCC050EC

Tgt Ion: 91 Resp: 593249

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7



#68

m/p-Xylenes

Concen: 106.655 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.001 min

Lab File: VD075802.D

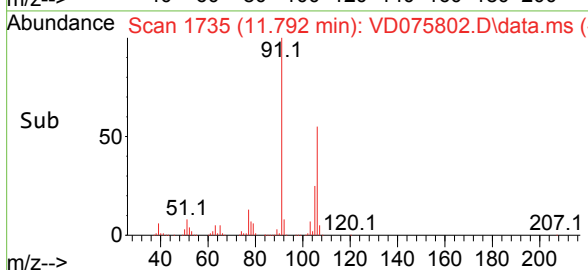
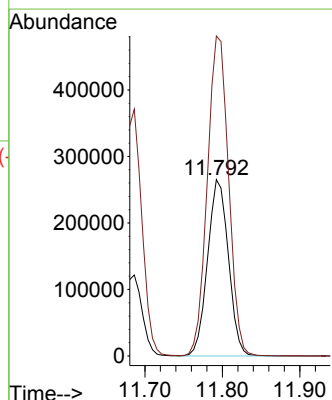
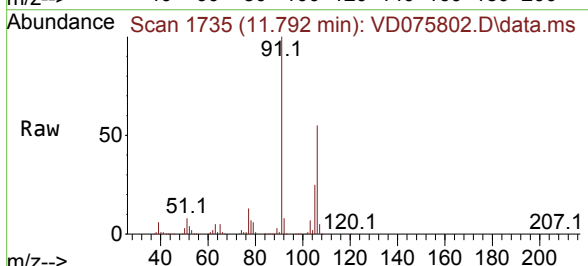
Acq: 24 Apr 2023 19:17

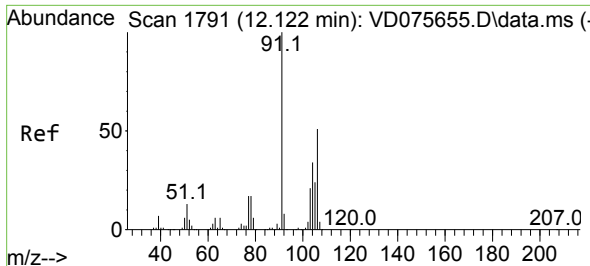
Tgt Ion:106 Resp: 494922

Ion Ratio Lower Upper

106 100

91 185.2 161.5 242.3

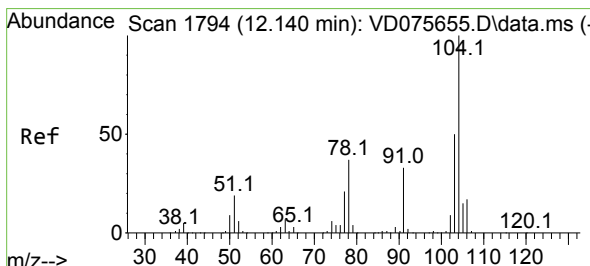
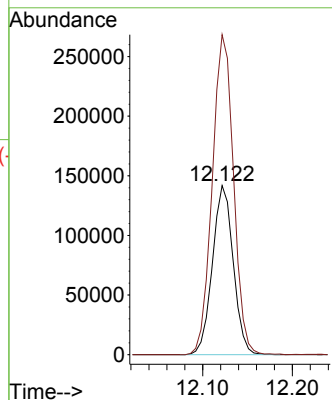
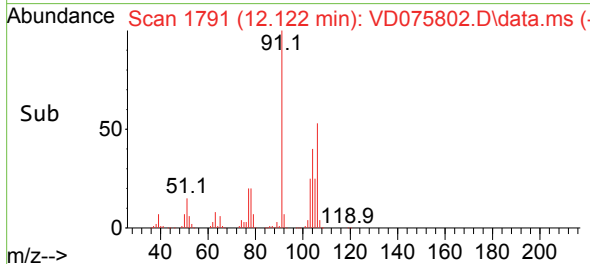
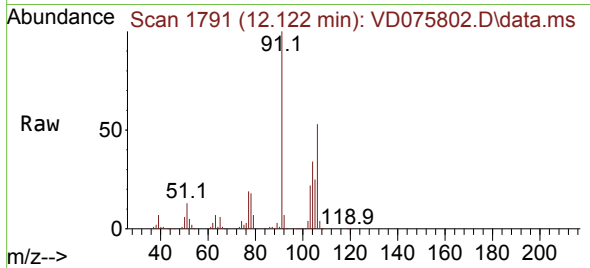




#69
o-Xylene
Concen: 54.376 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

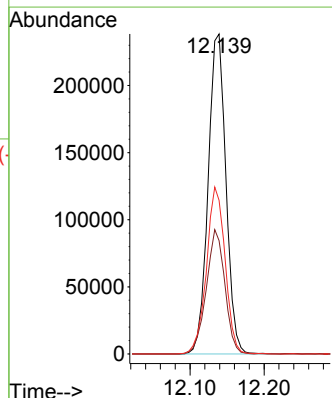
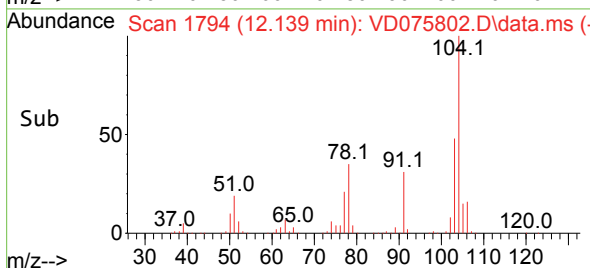
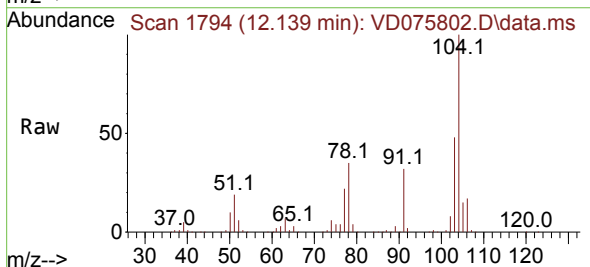
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

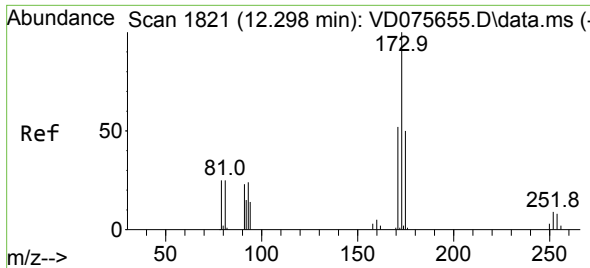
Tgt Ion:106 Resp: 228161
Ion Ratio Lower Upper
106 100
91 193.7 105.7 317.1



#70
Styrene
Concen: 51.557 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion:104 Resp: 397421
Ion Ratio Lower Upper
104 100
78 40.6 40.2 60.4
103 54.8 44.2 66.2

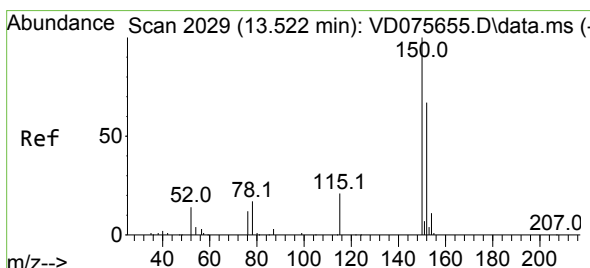
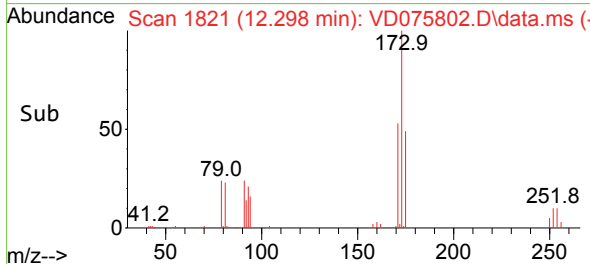
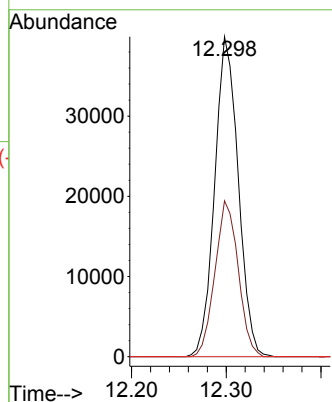
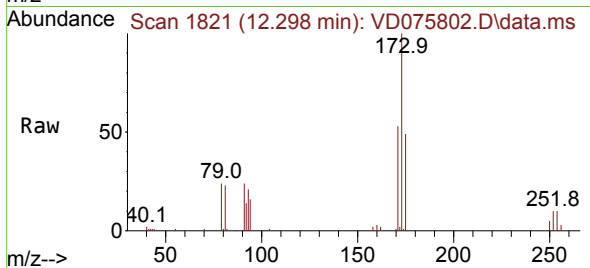




#71
Bromoform
Concen: 55.056 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

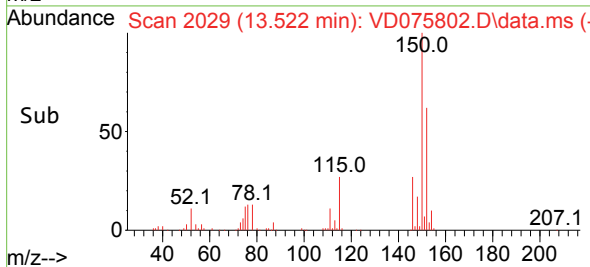
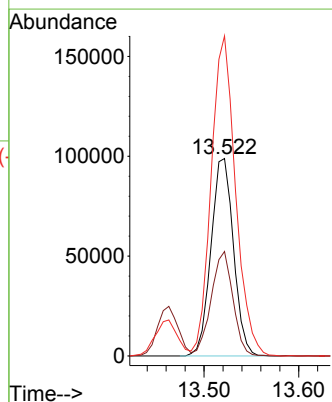
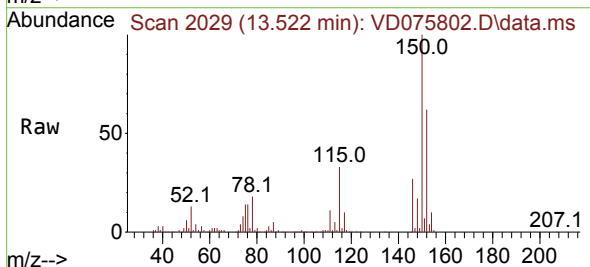
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

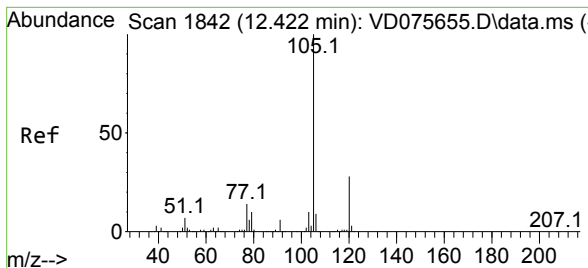
Tgt Ion:173 Resp: 69030
Ion Ratio Lower Upper
173 100
175 48.1 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion:152 Resp: 162994
Ion Ratio Lower Upper
152 100
115 51.3 30.1 90.3
150 175.1 0.0 364.8





#73

Isopropylbenzene

Concen: 53.581 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

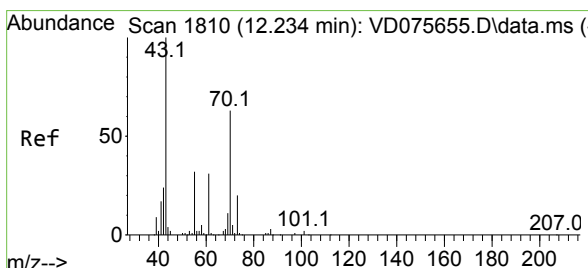
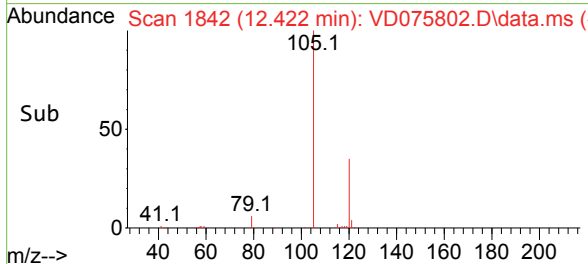
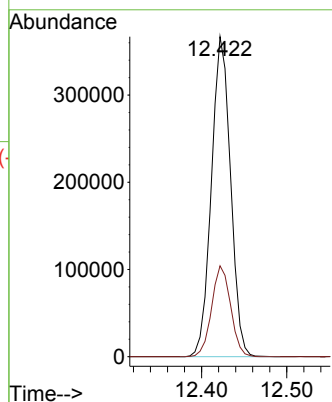
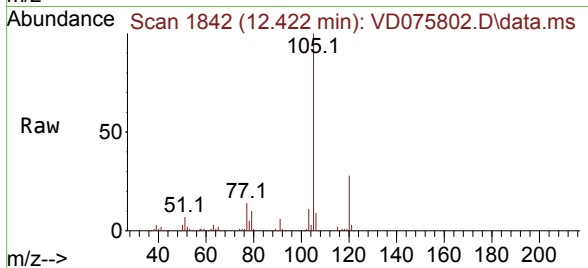
VSTDCCC050EC

Tgt Ion:105 Resp: 573177

Ion Ratio Lower Upper

105 100

120 28.1 13.4 40.1



#74

N-ethyl acetate

Concen: 54.653 ug/l

RT: 12.233 min Scan# 1810

Delta R.T. -0.001 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Tgt Ion: 43 Resp: 85910

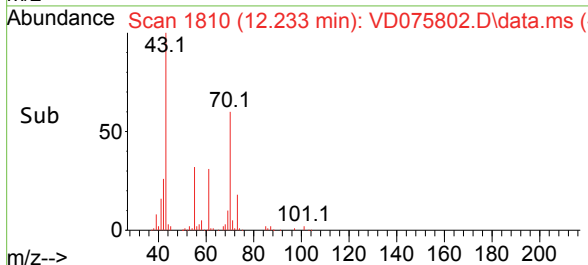
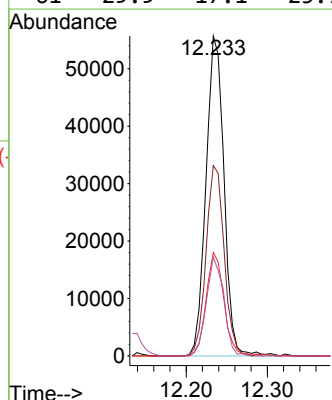
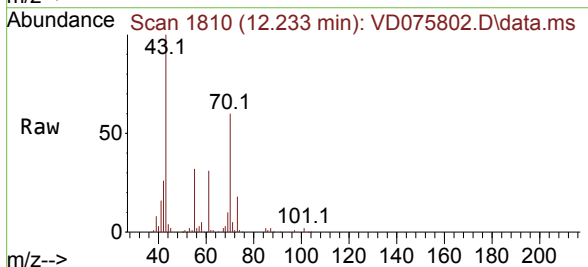
Ion Ratio Lower Upper

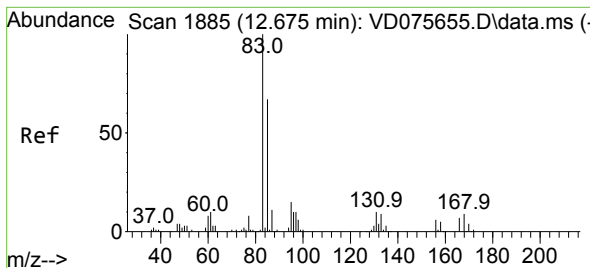
43 100

70 59.6 31.0 46.4#

55 32.1 18.6 28.0#

61 29.9 17.1 25.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 51.923 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

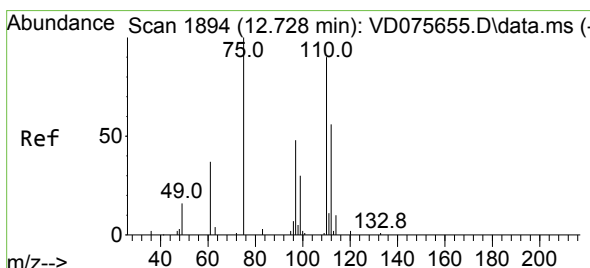
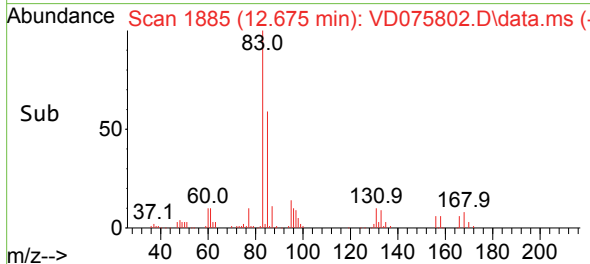
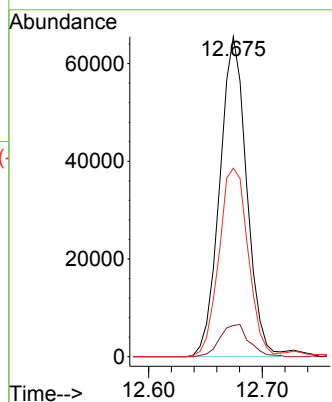
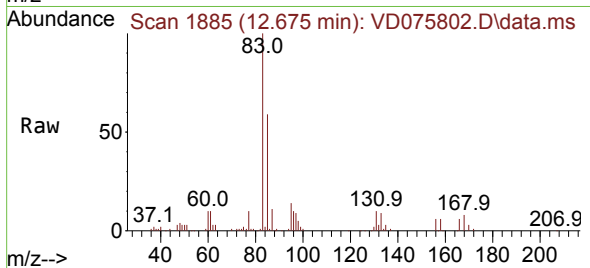
Tgt Ion: 83 Resp: 107897

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.2

85 63.9 33.6 100.6



#76

1,2,3-Trichloropropane

Concen: 91.639 ug/l

RT: 12.727 min Scan# 1894

Delta R.T. -0.001 min

Lab File: VD075802.D

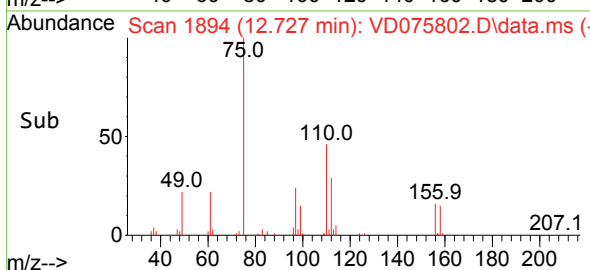
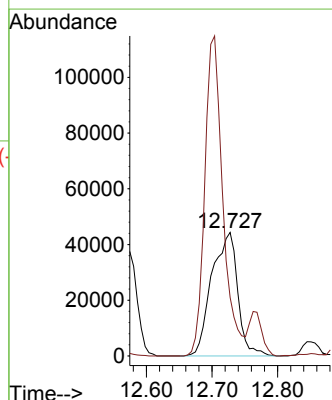
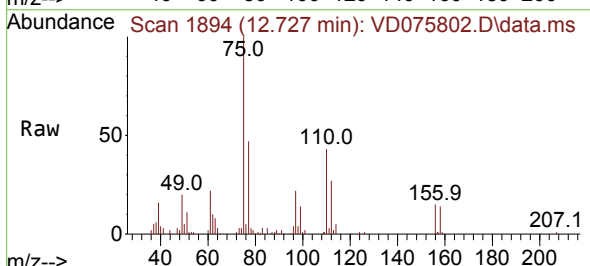
Acq: 24 Apr 2023 19:17

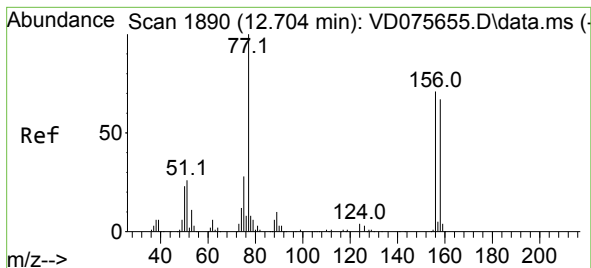
Tgt Ion: 75 Resp: 121807

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.271 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

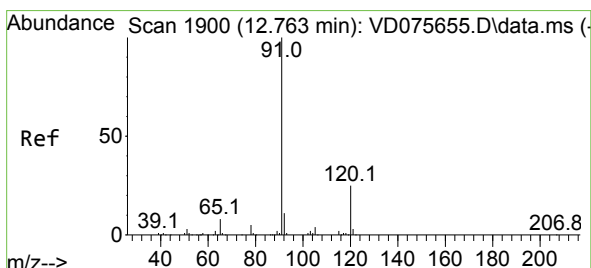
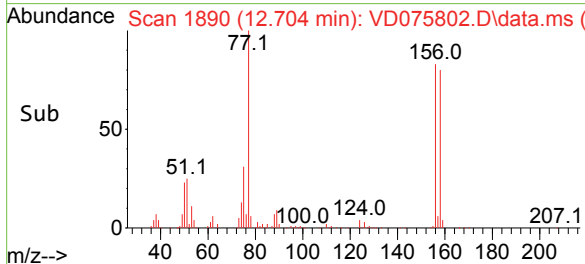
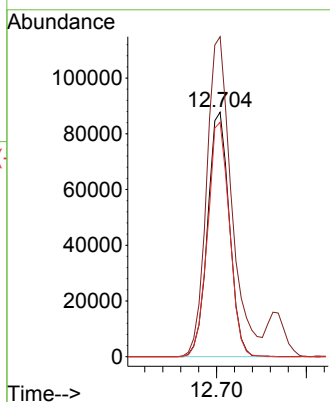
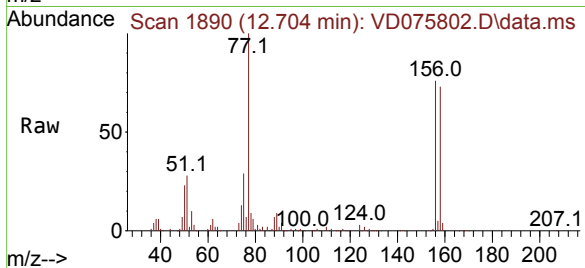
Tgt Ion:156 Resp: 146911

Ion Ratio Lower Upper

156 100

77 150.7 89.5 268.6

158 96.4 47.8 143.4



#78

n-propylbenzene

Concen: 52.577 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD075802.D

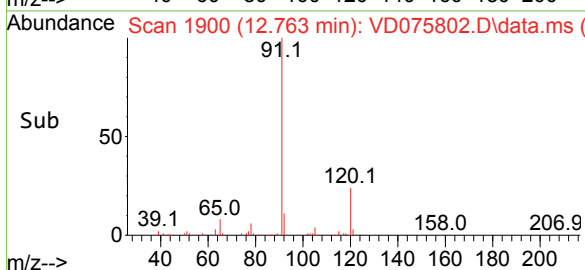
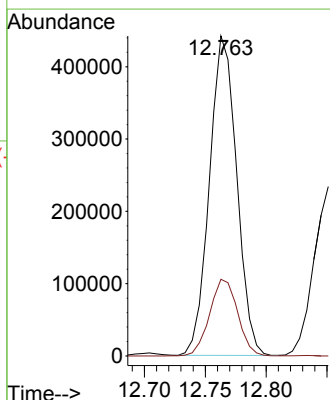
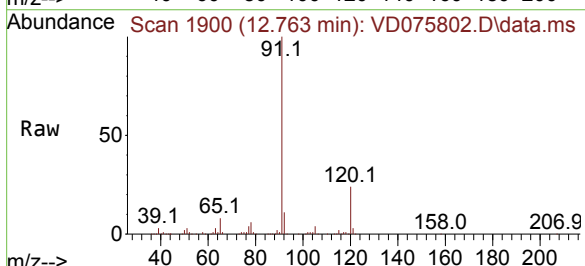
Acq: 24 Apr 2023 19:17

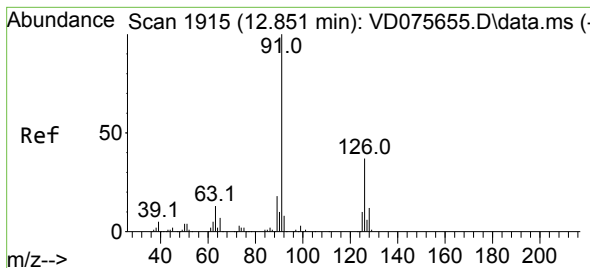
Tgt Ion: 91 Resp: 689416

Ion Ratio Lower Upper

91 100

120 24.7 11.4 34.2





#79

2-Chlorotoluene

Concen: 50.387 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

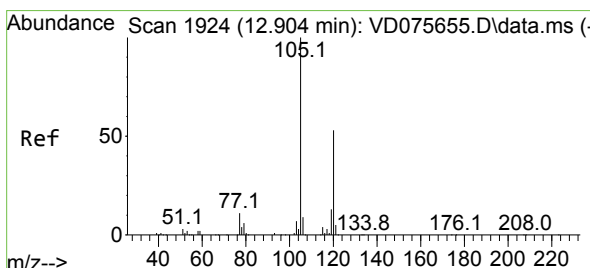
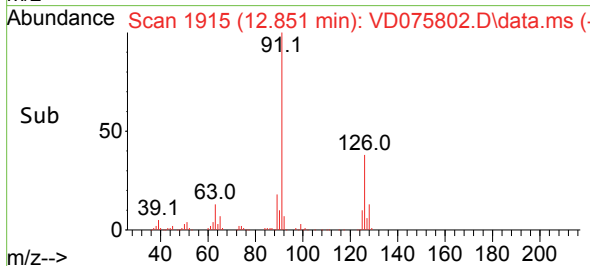
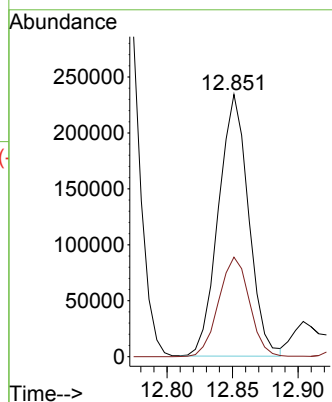
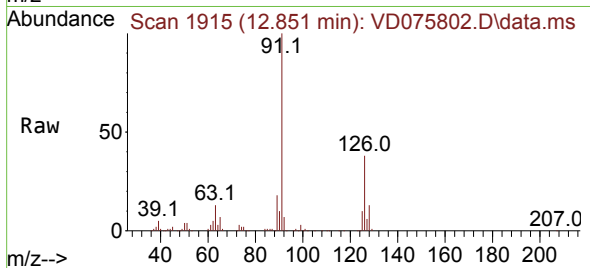
VSTDCCC050EC

Tgt Ion: 91 Resp: 374732

Ion Ratio Lower Upper

91 100

126 38.7 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 53.060 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD075802.D

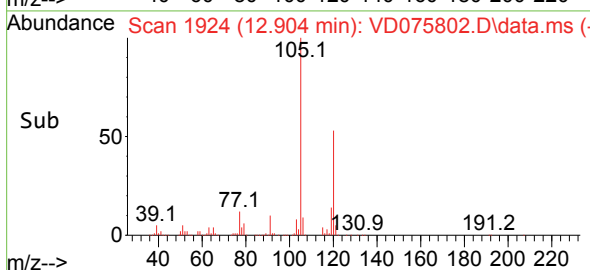
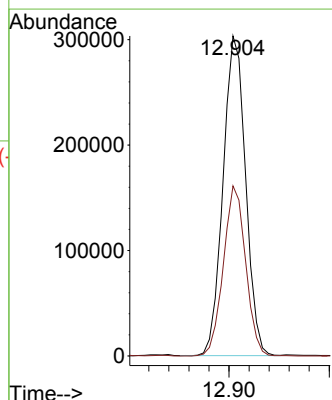
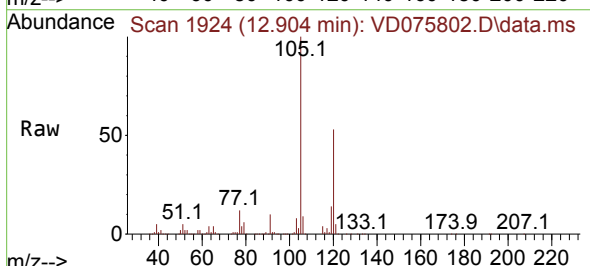
Acq: 24 Apr 2023 19:17

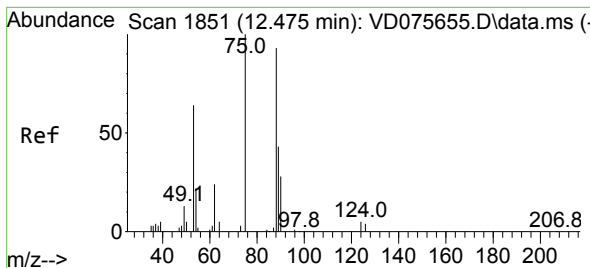
Tgt Ion: 105 Resp: 473182

Ion Ratio Lower Upper

105 100

120 52.5 24.3 72.8

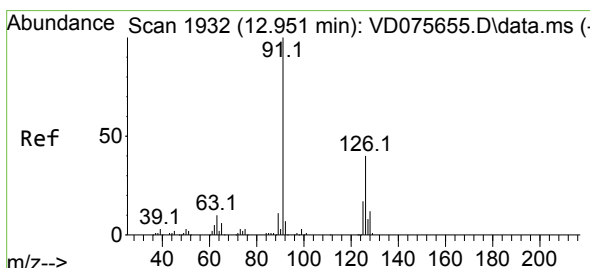
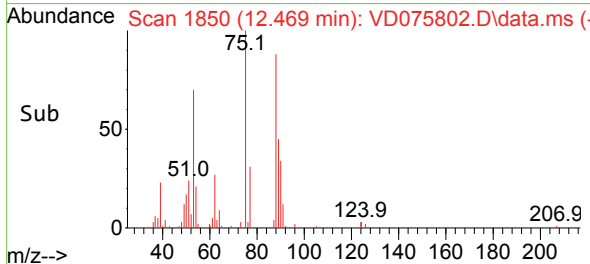
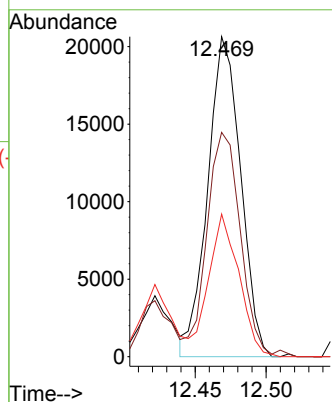
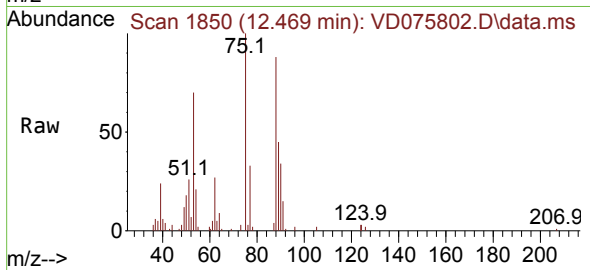




#81
trans-1,4-Dichloro-2-butene
Concen: 54.130 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

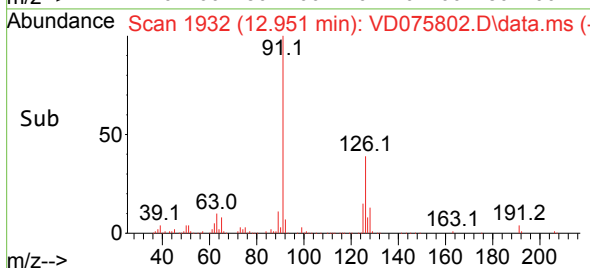
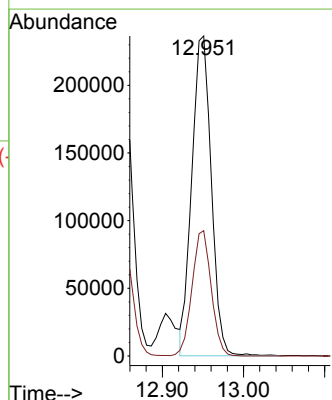
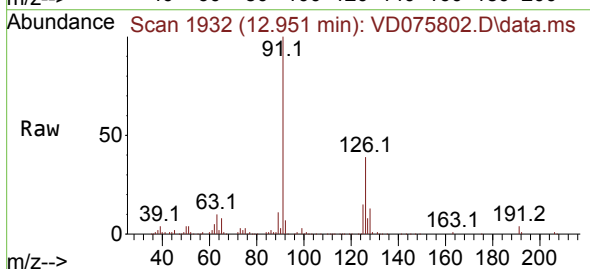
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

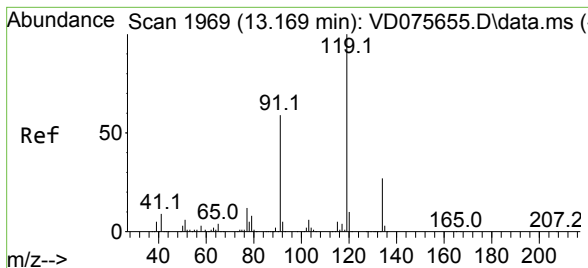
Tgt Ion: 75 Resp: 33196
Ion Ratio Lower Upper
75 100
53 72.1 90.5 135.7#
89 41.2 40.2 60.4



#82
4-Chlorotoluene
Concen: 51.009 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion: 91 Resp: 394464
Ion Ratio Lower Upper
91 100
126 38.6 17.1 51.2

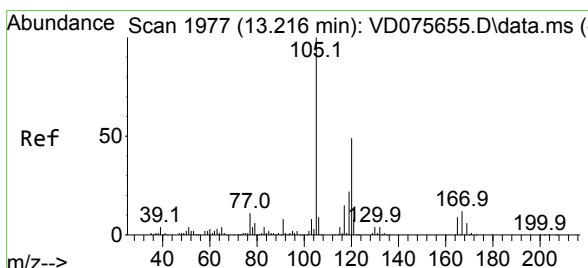
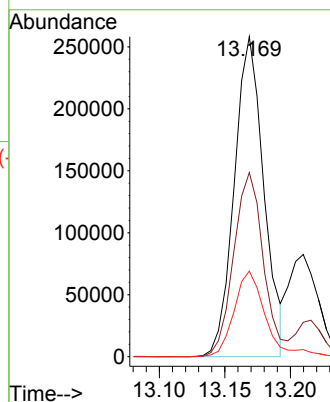
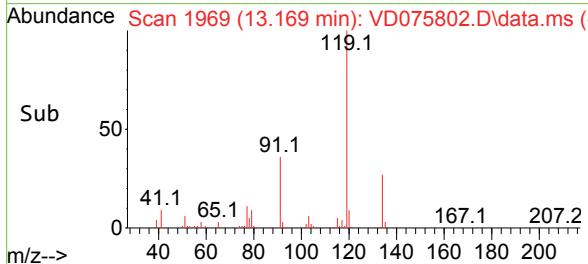
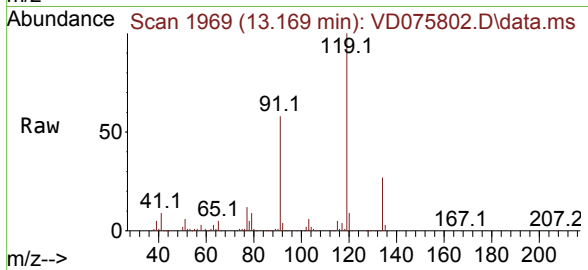




#83
tert-Butylbenzene
Concen: 53.859 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

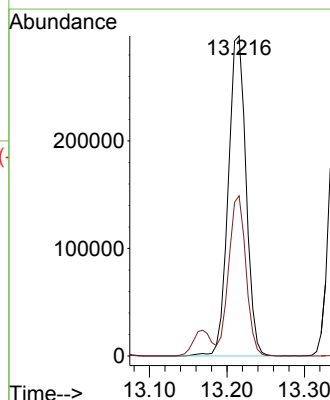
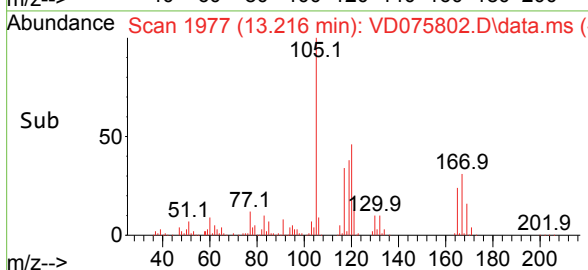
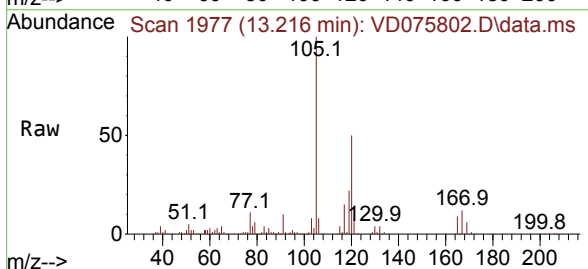
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

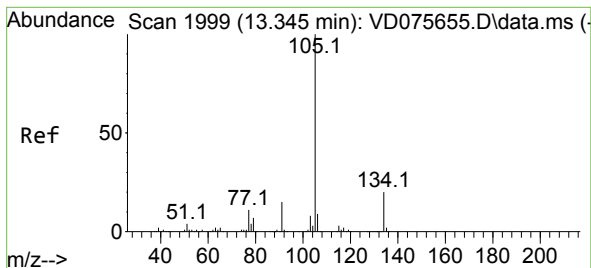
Tgt Ion:119 Resp: 404986
Ion Ratio Lower Upper
119 100
91 58.3 32.4 97.0
134 28.5 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 52.945 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion:105 Resp: 473772
Ion Ratio Lower Upper
105 100
120 48.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.376 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

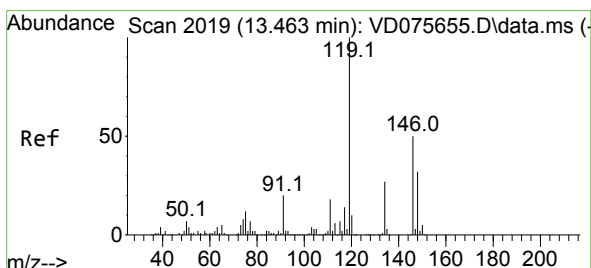
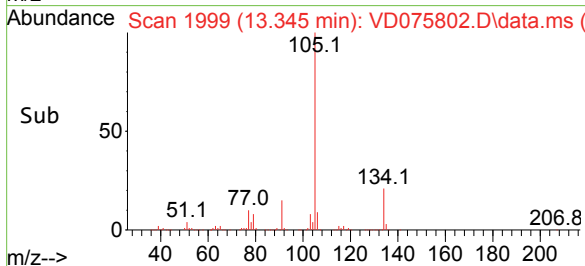
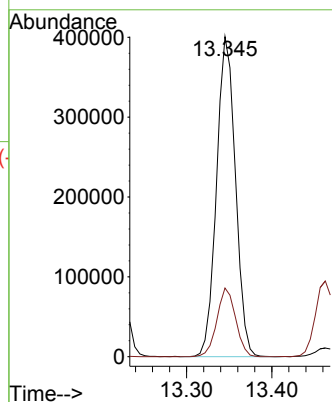
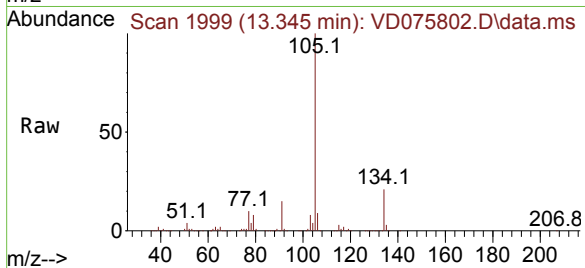
VSTDCCC050EC

Tgt Ion:105 Resp: 619164

Ion Ratio Lower Upper

105 100

134 21.2 9.9 29.7



#86

p-Isopropyltoluene

Concen: 53.698 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

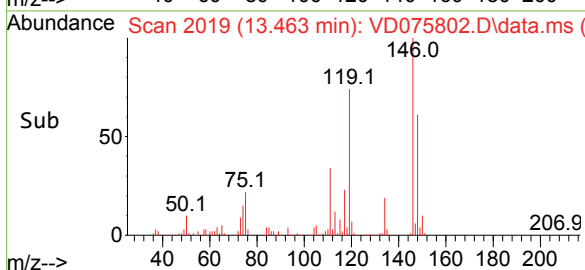
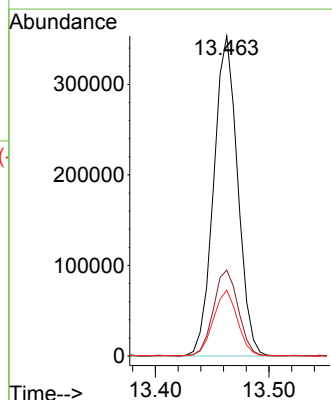
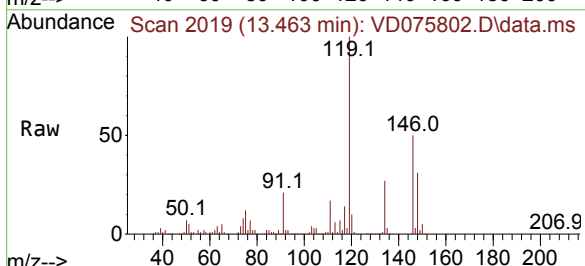
Tgt Ion:119 Resp: 518569

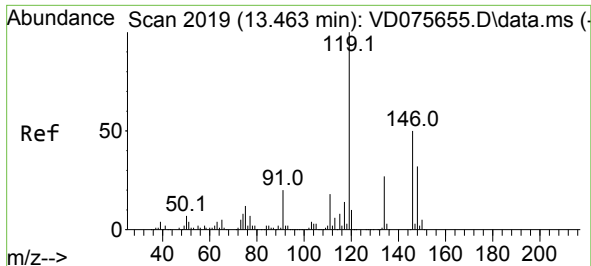
Ion Ratio Lower Upper

119 100

134 27.9 13.1 39.3

91 20.4 12.4 37.4

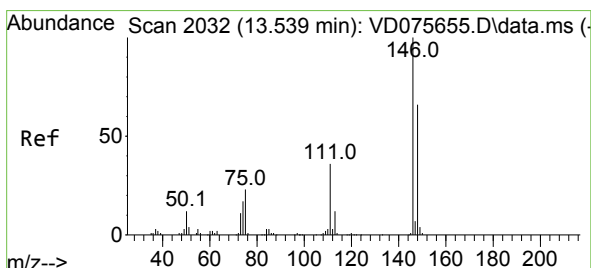
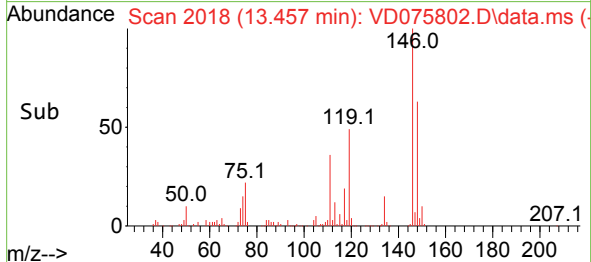
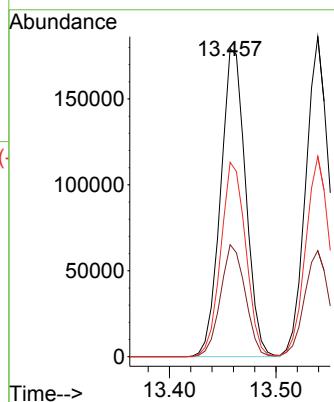
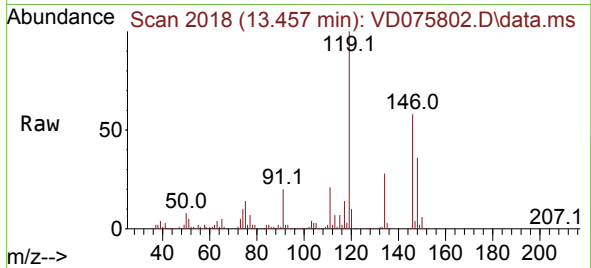




#87
1,3-Dichlorobenzene
Concen: 51.107 ug/l
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

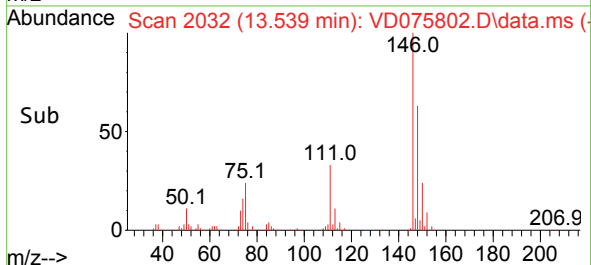
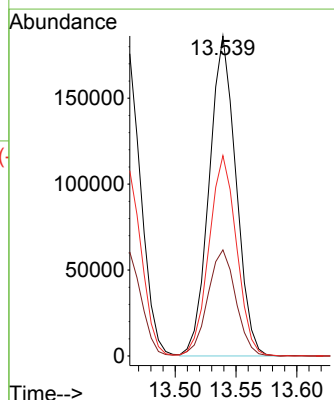
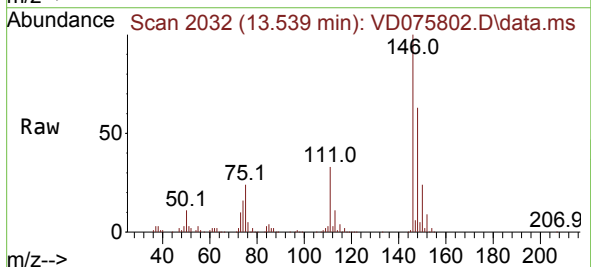
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

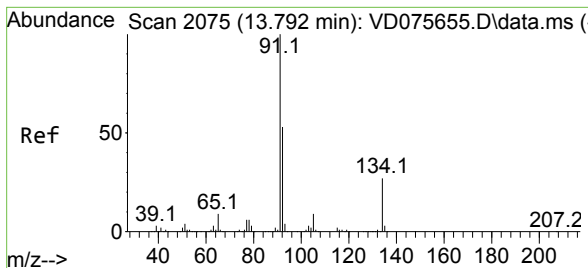
Tgt Ion:146 Resp: 293216
Ion Ratio Lower Upper
146 100
111 35.9 19.8 59.3
148 62.8 31.0 93.0



#88
1,4-Dichlorobenzene
Concen: 50.315 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion:146 Resp: 285186
Ion Ratio Lower Upper
146 100
111 34.7 19.6 58.8
148 64.4 31.7 95.1





#89

n-Butylbenzene

Concen: 52.335 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.006 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

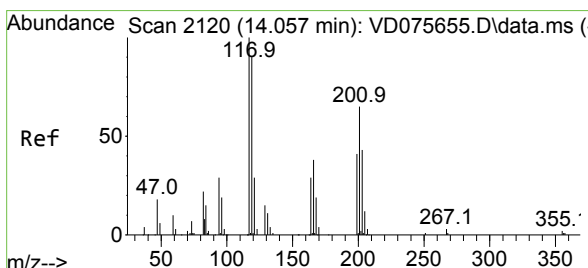
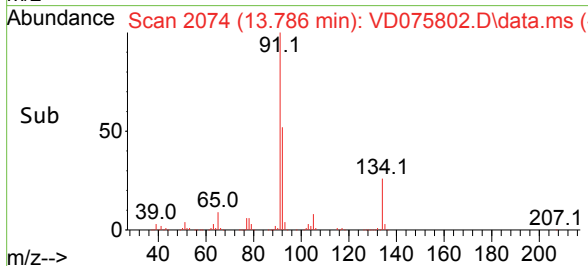
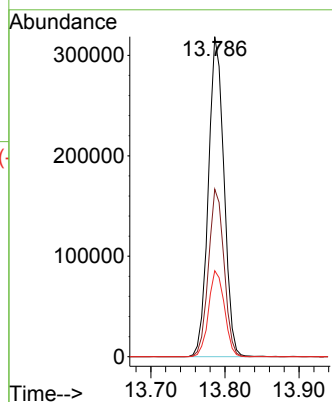
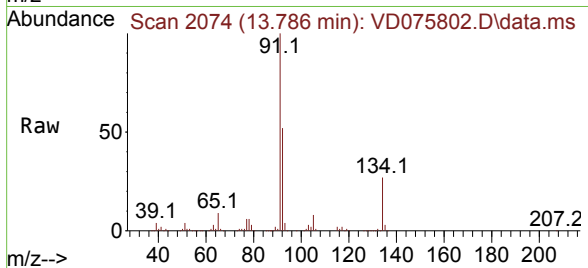
Tgt Ion: 91 Resp: 465547

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.5

134 27.3 12.7 38.0



#90

Hexachloroethane

Concen: 49.629 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VD075802.D

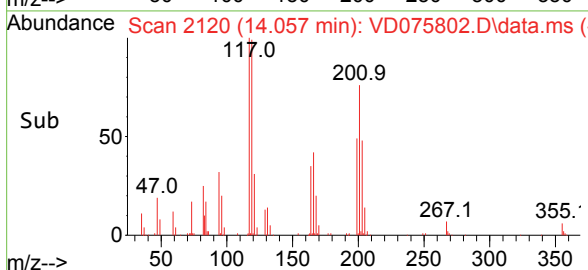
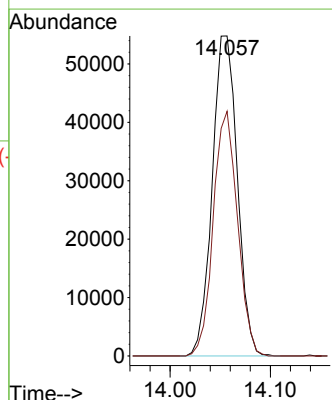
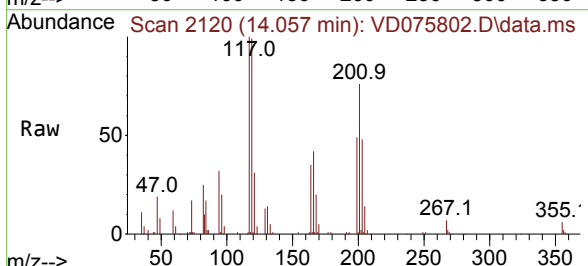
Acq: 24 Apr 2023 19:17

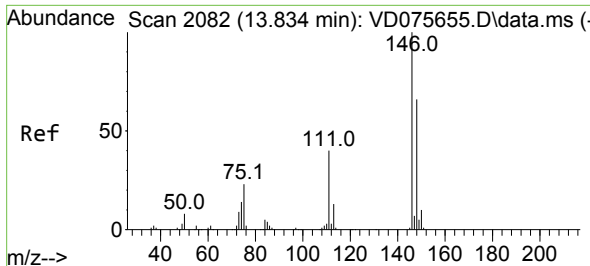
Tgt Ion: 117 Resp: 95224

Ion Ratio Lower Upper

117 100

201 73.8 34.5 103.6

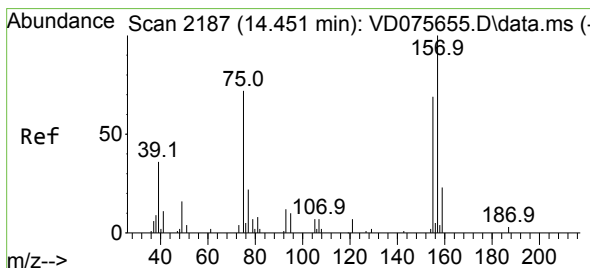
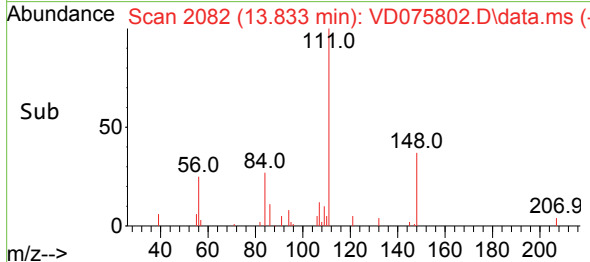
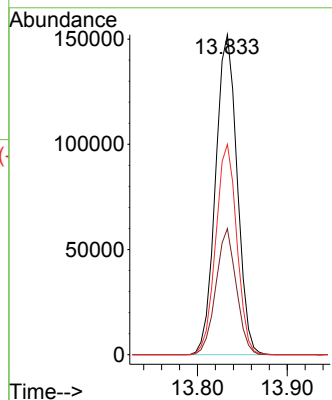
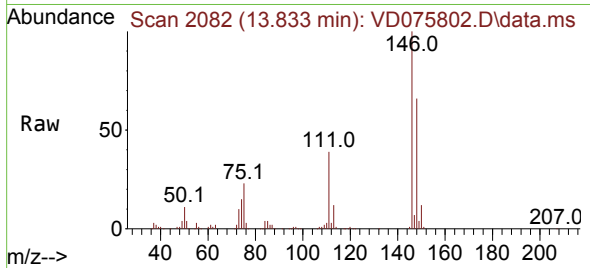




#91
1,2-Dichlorobenzene
Concen: 51.658 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.001 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

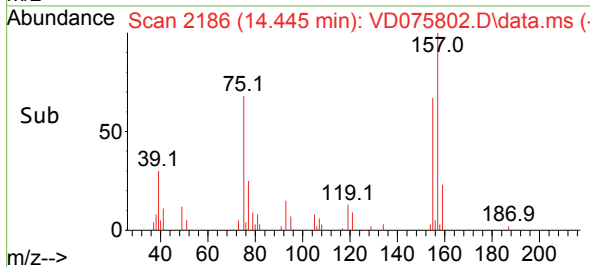
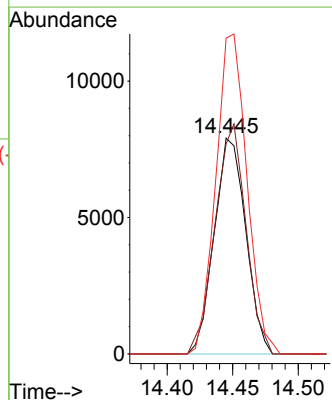
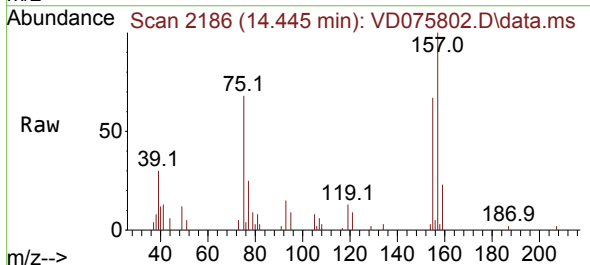
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

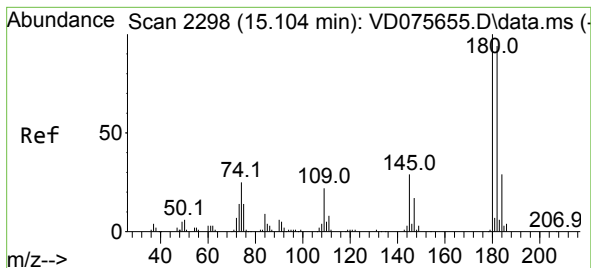
Tgt Ion:146 Resp: 253881
Ion Ratio Lower Upper
146 100
111 37.4 20.6 61.8
148 64.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.521 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD075802.D
Acq: 24 Apr 2023 19:17

Tgt Ion: 75 Resp: 13238
Ion Ratio Lower Upper
75 100
155 104.3 39.5 118.5
157 146.4 53.5 160.7





#93

1,2,4-Trichlorobenzene

Concen: 49.603 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

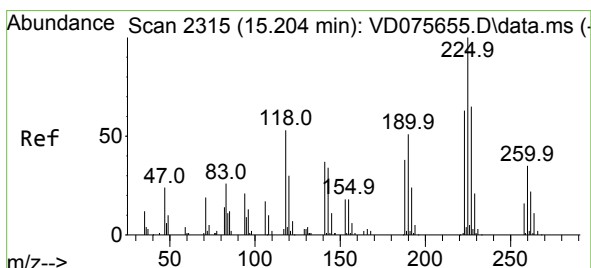
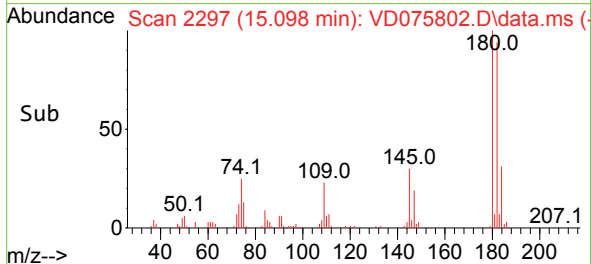
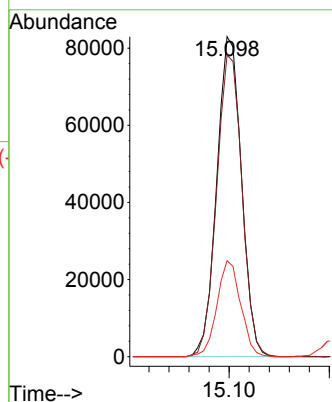
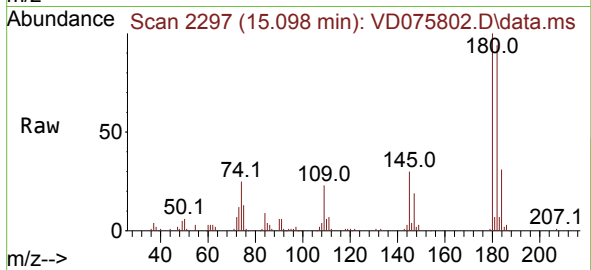
Tgt Ion:180 Resp: 141827

Ion Ratio Lower Upper

180 100

182 96.4 47.9 143.7

145 28.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 50.373 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

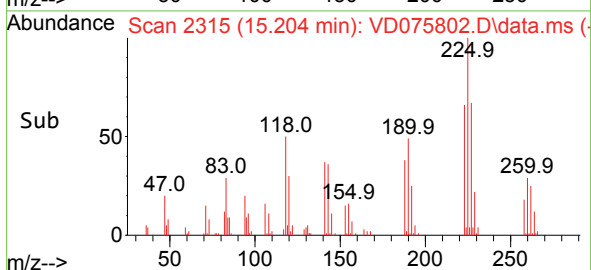
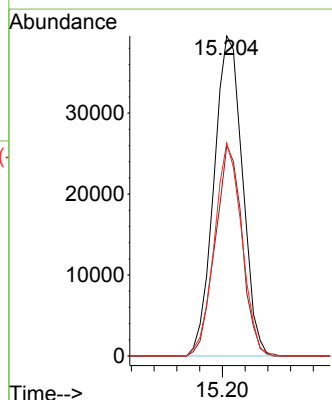
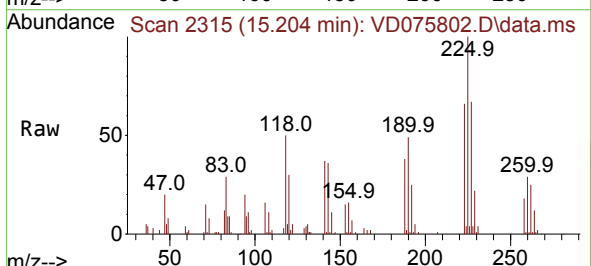
Tgt Ion:225 Resp: 68840

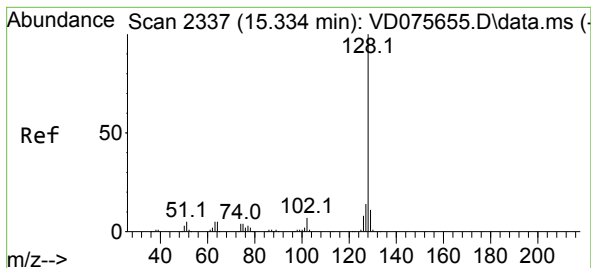
Ion Ratio Lower Upper

225 100

223 62.0 33.1 99.2

227 64.0 31.9 95.9





#95

Naphthalene

Concen: 51.848 ug/l

RT: 15.333 min Scan# 21

Delta R.T. -0.001 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

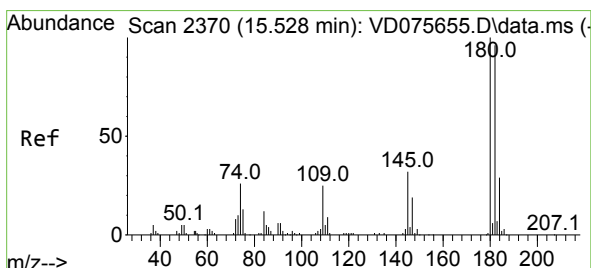
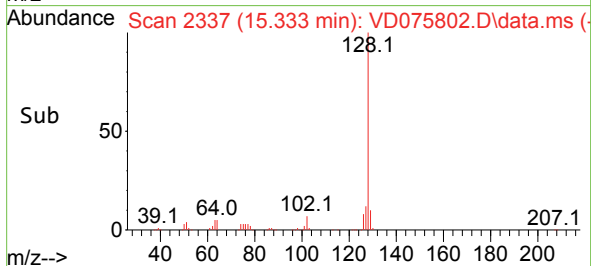
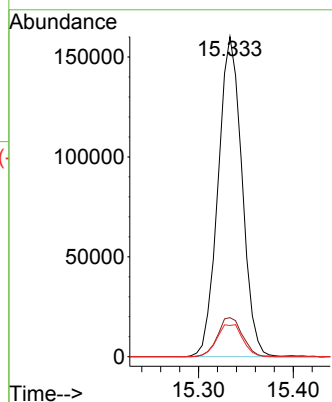
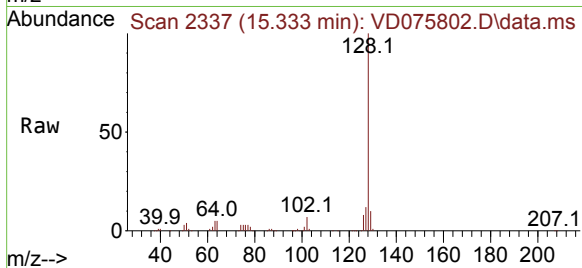
Tgt Ion:128 Resp: 280850

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.815 ug/l

RT: 15.521 min Scan# 2369

Delta R.T. -0.007 min

Lab File: VD075802.D

Acq: 24 Apr 2023 19:17

Tgt Ion:180 Resp: 127883

Ion Ratio Lower Upper

180 100

182 93.1 47.7 143.1

145 29.7 16.4 49.4

