

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078596.D
 Acq On : 04 Mar 2024 19:25
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 05 04:17:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	129979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	212602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	209382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	116115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64266	49.878	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.760%
35) Dibromofluoromethane	7.805	113	70376	50.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.780%
50) Toluene-d8	10.269	98	269108	50.077	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.569	95	80952	52.741	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	48486	47.568	ug/l	97
3) Chloromethane	2.152	50	106681	59.034	ug/l	100
4) Vinyl Chloride	2.281	62	158510	49.613	ug/l	99
5) Bromomethane	2.687	94	113815	44.604	ug/l	100
6) Chloroethane	2.828	64	121203	51.184	ug/l	98
7) Trichlorofluoromethane	3.169	101	100786	46.653	ug/l	93
8) Diethyl Ether	3.593	74	29172	48.089	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.964	101	63258	46.460	ug/l	97
10) Methyl Iodide	4.158	142	62818	44.089	ug/l	91
11) Tert butyl alcohol	5.075	59	15021	247.628	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	59311	46.661	ug/l	91
13) Acrolein	3.799	56	25671	200.897	ug/l	98
14) Allyl chloride	4.558	41	69028	47.679	ug/l	93
15) Acrylonitrile	5.258	53	63653	254.514	ug/l	99
16) Acetone	4.028	43	52805	213.918	ug/l	89
17) Carbon Disulfide	4.269	76	194538	45.937	ug/l	99
18) Methyl Acetate	4.564	43	28035	60.002	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	131628	50.931	ug/l	98
20) Methylene Chloride	4.799	84	86032	51.169	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	73635	48.213	ug/l	98
22) Diisopropyl ether	6.216	45	164897	50.801	ug/l	96
23) Vinyl Acetate	6.158	43	478920	248.426	ug/l	95
24) 1,1-Dichloroethane	6.111	63	120145	48.994	ug/l	97
25) 2-Butanone	7.081	43	75423	242.224	ug/l	90
26) 2,2-Dichloropropane	7.081	77	90568	43.718	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	81504	48.737	ug/l	98
28) Bromochloromethane	7.428	49	44093	48.130	ug/l	90
29) Tetrahydrofuran	7.452	42	45353	262.169	ug/l	95
30) Chloroform	7.593	83	130391	49.246	ug/l	99
31) Cyclohexane	7.881	56	94236	46.728	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	109314	48.126	ug/l	98
36) 1,1-Dichloropropene	8.010	75	95807	50.063	ug/l	98
37) Ethyl Acetate	7.175	43	32579	52.540	ug/l	97
38) Carbon Tetrachloride	7.987	117	100952	50.435	ug/l	99
39) Methylcyclohexane	9.269	83	112637	50.147	ug/l	93
40) Benzene	8.252	78	293517	51.745	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	16185	48.699	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	71785	49.884	ug/l	96
43) Isopropyl Acetate	8.363	43	61211	51.490	ug/l #	81
44) Trichloroethene	9.028	130	78472	50.413	ug/l	97
45) 1,2-Dichloropropane	9.304	63	72139	52.942	ug/l	95
46) Dibromomethane	9.393	93	40310	51.316	ug/l	94
47) Bromodichloromethane	9.581	83	101269	52.284	ug/l	100
48) Methyl methacrylate	9.381	41	29476	54.736	ug/l	89
49) 1,4-Dioxane	9.387	88	9312	1068.804	ug/l #	96
51) 4-Methyl-2-Pentanone	10.157	43	172083	280.449	ug/l	94
52) Toluene	10.334	92	193020	53.032	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	90321	50.407	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	111300	51.878	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	57657	52.126	ug/l	97
56) Ethyl methacrylate	10.599	69	60131	54.239	ug/l	92
57) 1,3-Dichloropropane	10.875	76	92786	51.765	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	148450	303.671	ug/l	98
59) 2-Hexanone	10.922	43	121460	266.876	ug/l	96
60) Dibromochloromethane	11.069	129	71256	53.352	ug/l	95
61) 1,2-Dibromoethane	11.181	107	54783	53.967	ug/l	96
64) Tetrachloroethene	10.810	164	69800	52.982	ug/l	98
65) Chlorobenzene	11.604	112	206125	49.991	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	77429	50.442	ug/l	95
67) Ethyl Benzene	11.681	91	364055	50.957	ug/l	98
68) m/p-Xylenes	11.793	106	296903	102.723	ug/l	94
69) o-Xylene	12.116	106	137427	52.412	ug/l	98
70) Styrene	12.134	104	241849	53.213	ug/l	99
71) Bromoform	12.298	173	41435	50.740	ug/l #	97
73) Isopropylbenzene	12.416	105	350349	47.598	ug/l	97
74) N-amyl acetate	12.234	43	61531	49.667	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	64703	45.887	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	76343	86.086	ug/l #	100
77) Bromobenzene	12.698	156	85618	48.097	ug/l	95
78) n-propylbenzene	12.763	91	437736	48.619	ug/l	97
79) 2-Chlorotoluene	12.845	91	234297	48.495	ug/l	98
80) 1,3,5-Trimethylbenzene	12.898	105	300060	50.098	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	19721	47.599	ug/l	99
82) 4-Chlorotoluene	12.945	91	247063	47.984	ug/l	99
83) tert-Butylbenzene	13.163	119	245207	47.546	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	307725	50.266	ug/l	97
85) sec-Butylbenzene	13.345	105	387401	48.151	ug/l	97
86) p-Isopropyltoluene	13.457	119	332736	49.127	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	185297	48.717	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	182381	47.860	ug/l	99
89) n-Butylbenzene	13.787	91	306068	48.356	ug/l	99
90) Hexachloroethane	14.051	117	65586	47.624	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	156473	48.430	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9349	49.742	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	89900	46.990	ug/l	100
94) Hexachlorobutadiene	15.198	225	46556	44.227	ug/l	99
95) Naphthalene	15.328	128	168165	49.743	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	83266	49.006	ug/l	97

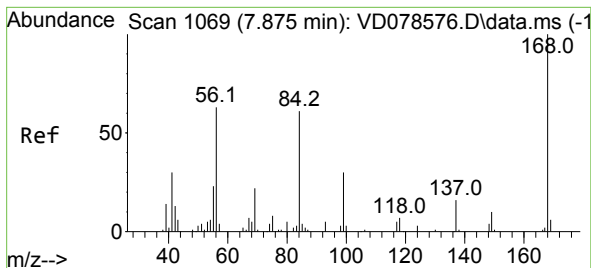
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Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

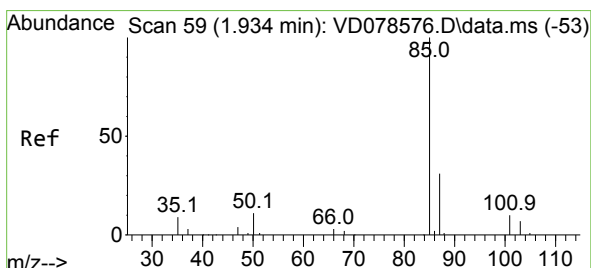
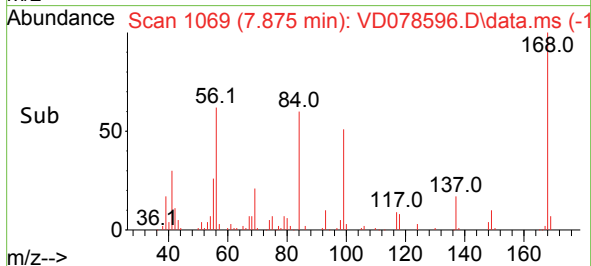
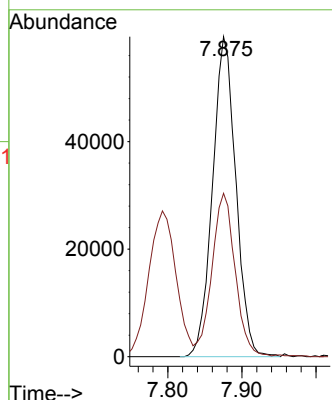
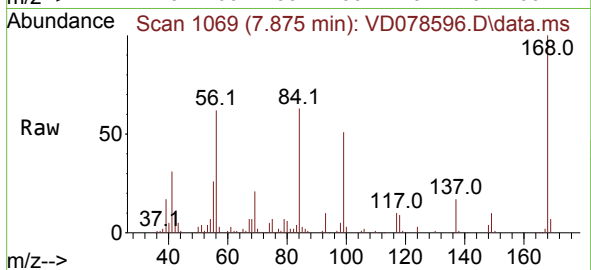
VSTDCCC050EC

Tgt Ion:168 Resp: 129979

Ion Ratio Lower Upper

168 100

99 50.5 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 47.568 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078596.D

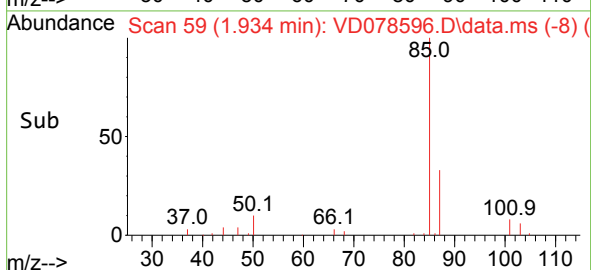
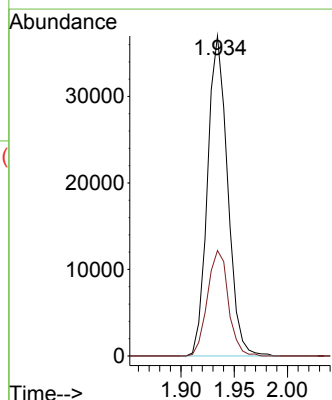
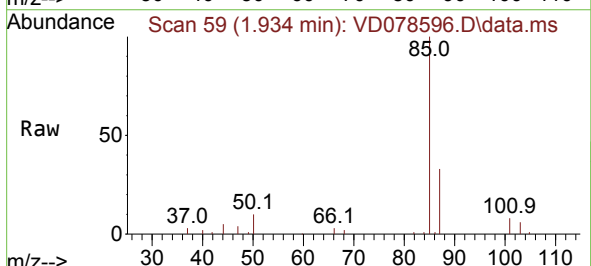
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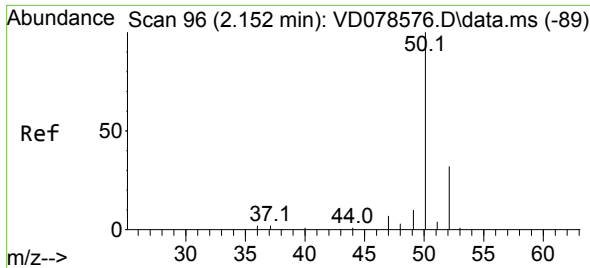
Tgt Ion: 85 Resp: 48486

Ion Ratio Lower Upper

85 100

87 33.0 15.7 47.0

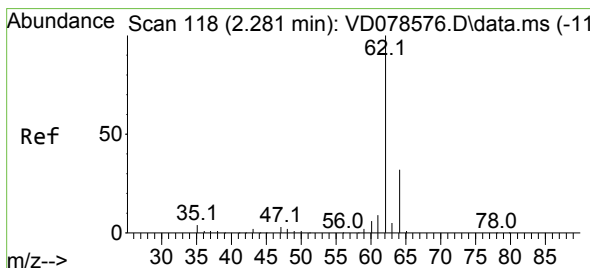
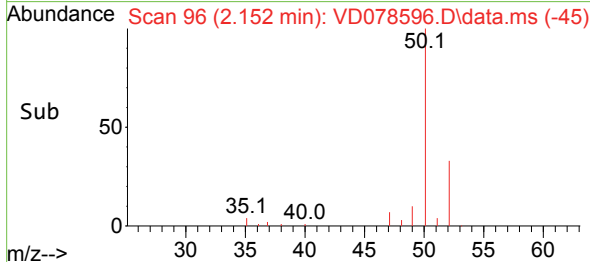
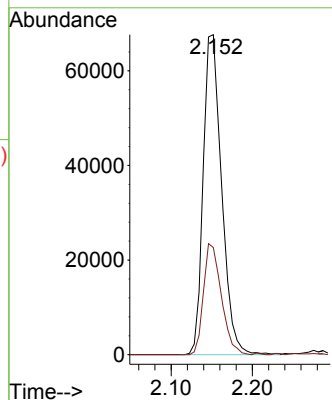
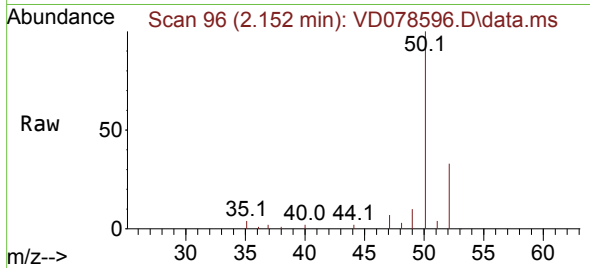




#3
Chloromethane
Concen: 59.034 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

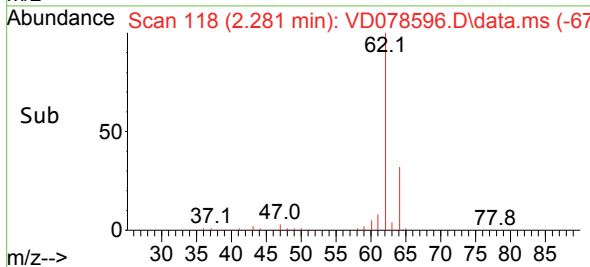
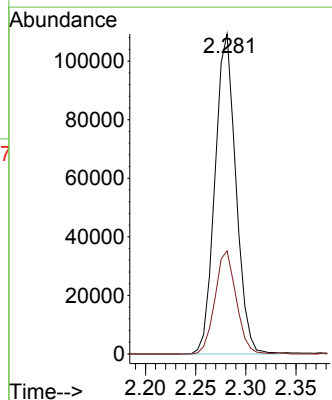
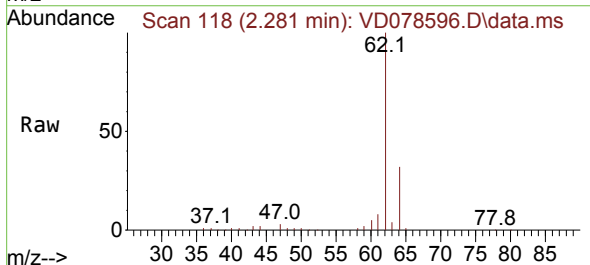
Instrument :
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ClientSampleId :
VSTDCCC050EC

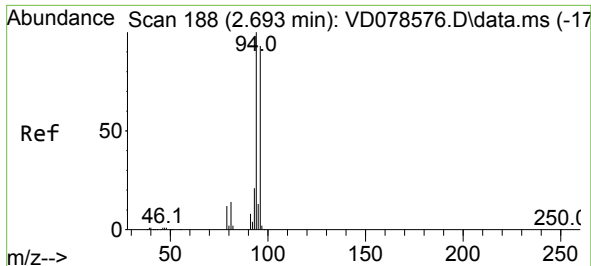
Tgt Ion: 50 Resp: 106681
Ion Ratio Lower Upper
50 100
52 33.5 26.6 40.0



#4
Vinyl Chloride
Concen: 49.613 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion: 62 Resp: 158510
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0

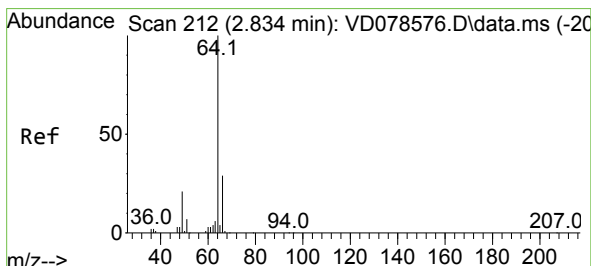
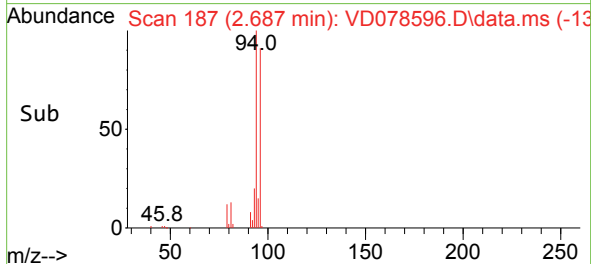
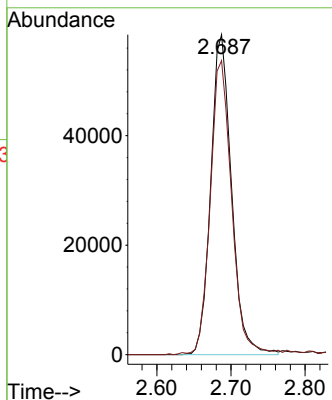
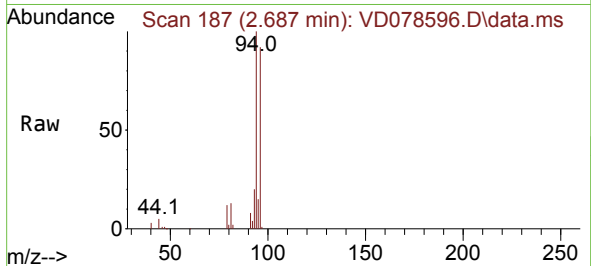




#5
Bromomethane
Concen: 44.604 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

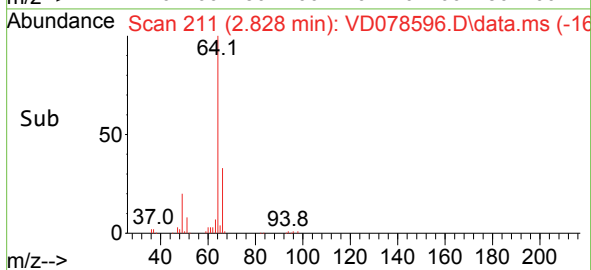
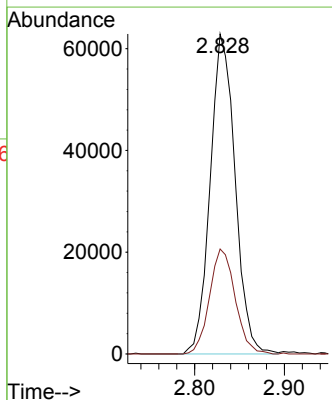
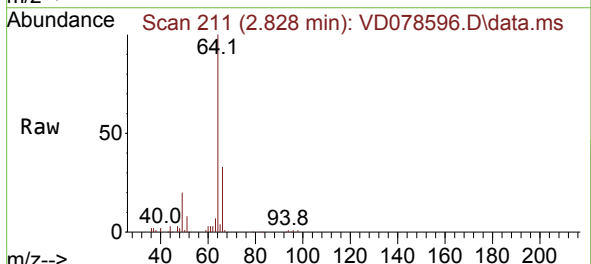
Instrument :
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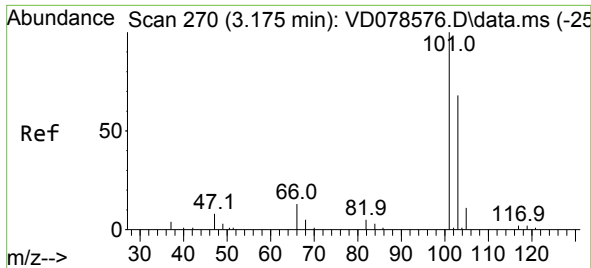
Tgt Ion: 94 Resp: 113815
Ion Ratio Lower Upper
94 100
96 94.4 75.8 113.8



#6
Chloroethane
Concen: 51.184 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion: 64 Resp: 121203
Ion Ratio Lower Upper
64 100
66 32.8 25.5 38.3

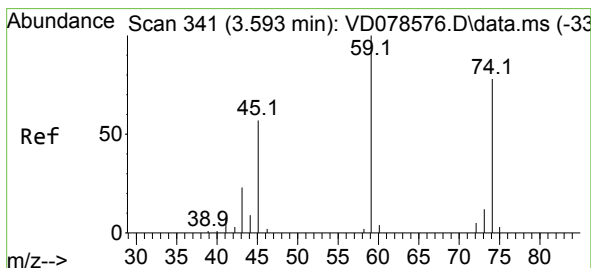
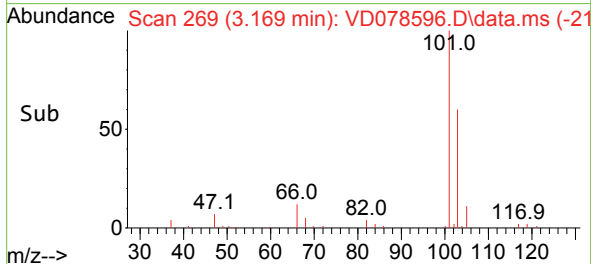
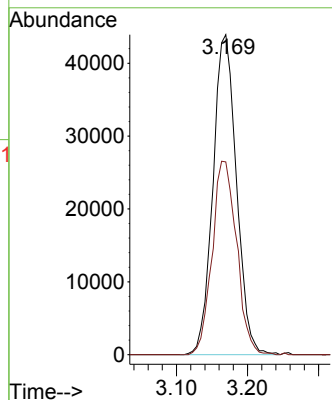
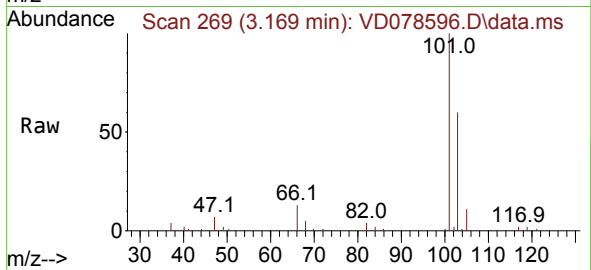




#7
Trichlorofluoromethane
Concen: 46.653 ug/l
RT: 3.169 min Scan# 207
Delta R.T. -0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

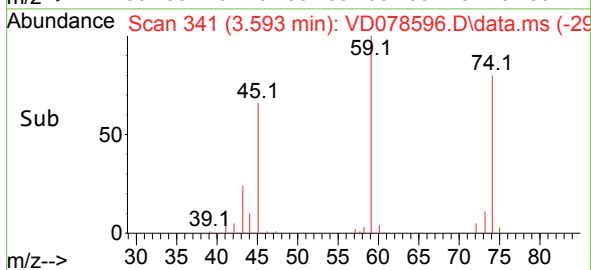
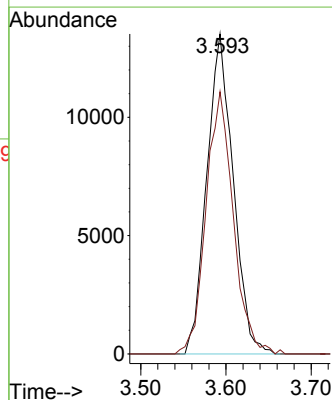
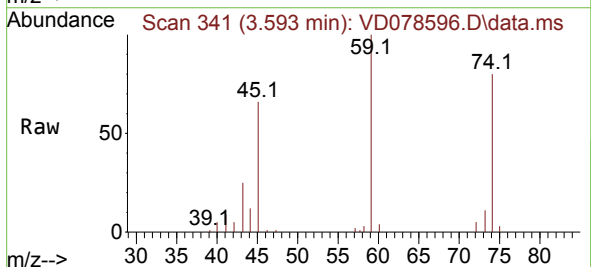
Instrument :
MSVOA_D
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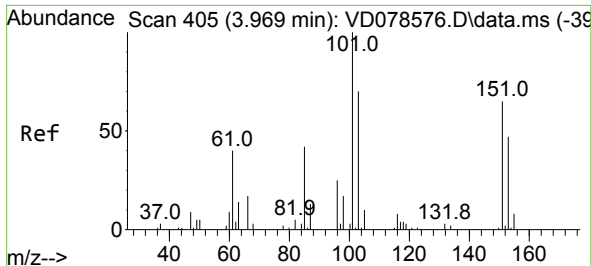
Tgt Ion:101 Resp: 100786
Ion Ratio Lower Upper
101 100
103 60.2 52.3 78.5



#8
Diethyl Ether
Concen: 48.089 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion: 74 Resp: 29172
Ion Ratio Lower Upper
74 100
45 84.7 37.5 112.7

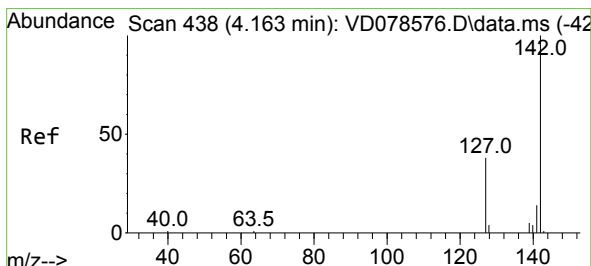
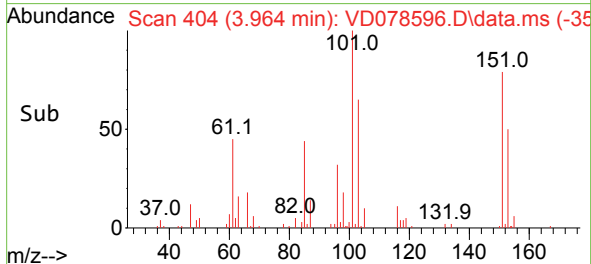
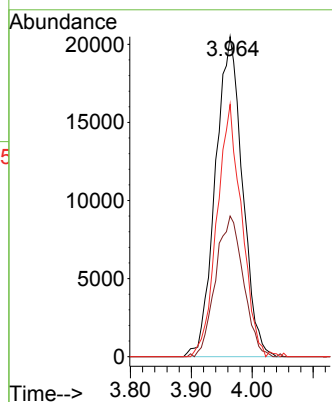
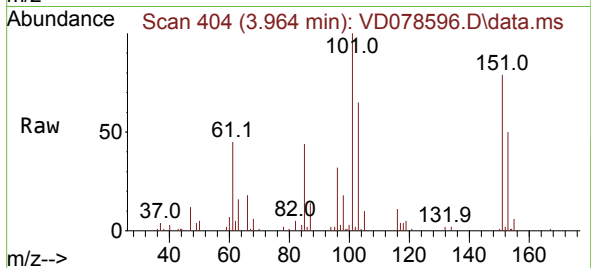




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.460 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

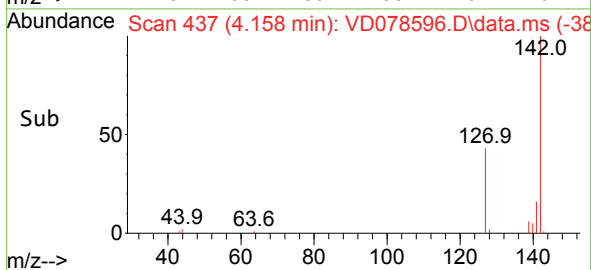
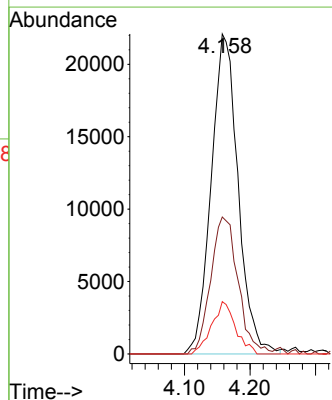
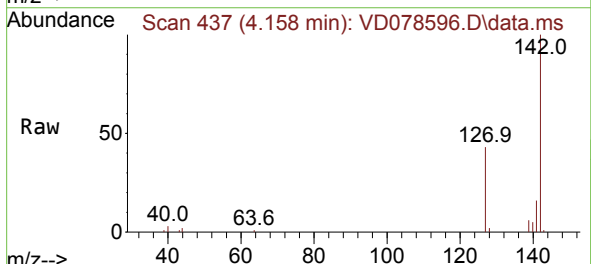
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

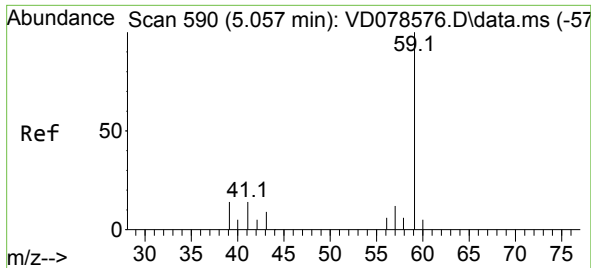
Tgt Ion:101 Resp: 63258
Ion Ratio Lower Upper
101 100
85 45.0 33.8 50.6
151 72.4 59.8 89.6



#10
Methyl Iodide
Concen: 44.089 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion:142 Resp: 62818
Ion Ratio Lower Upper
142 100
127 43.6 29.4 44.0
141 14.5 11.1 16.7

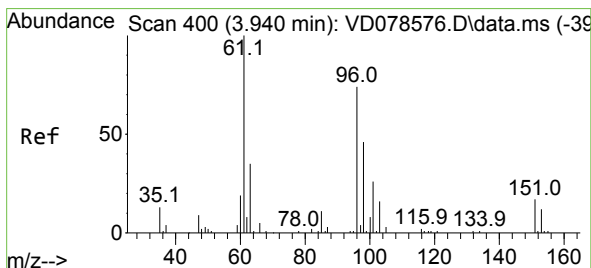
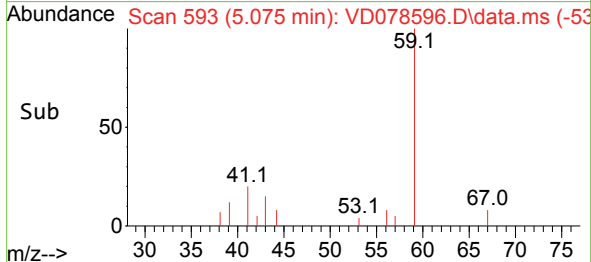
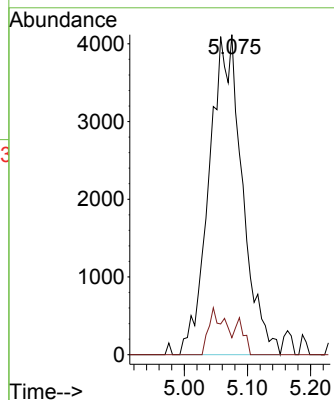
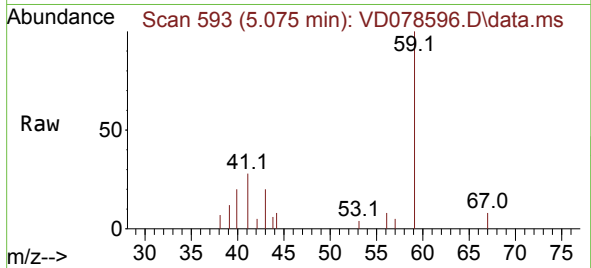




#11
Tert butyl alcohol
Concen: 247.628 ug/l
RT: 5.075 min Scan# 590
Delta R.T. 0.018 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

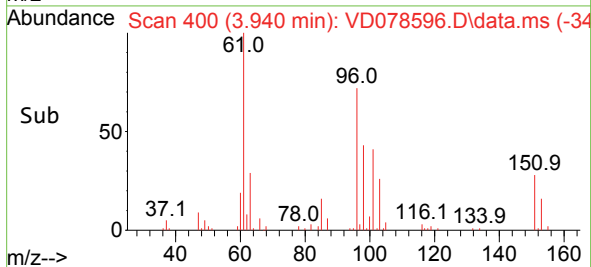
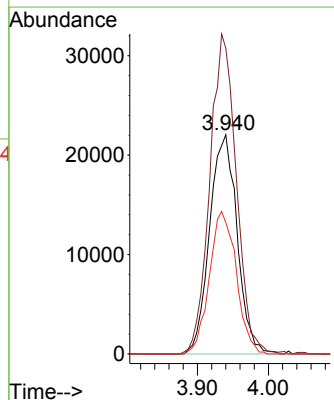
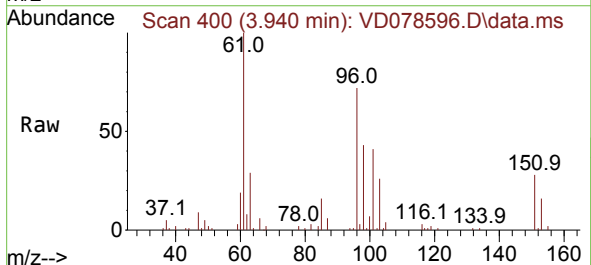
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

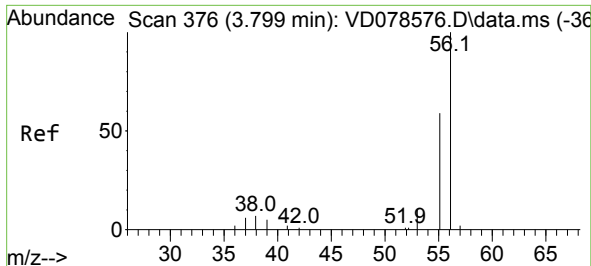
Tgt Ion: 59 Resp: 15021
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 46.661 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion: 96 Resp: 59311
Ion Ratio Lower Upper
96 100
61 139.5 100.6 150.8
98 59.9 50.2 75.2





#13

Acrolein

Concen: 200.897 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

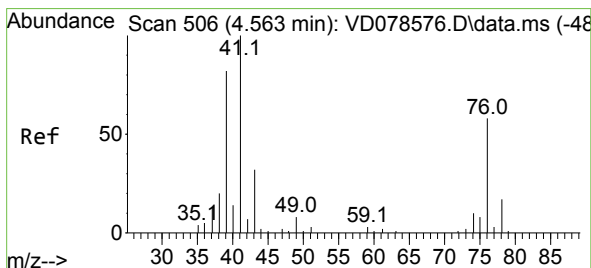
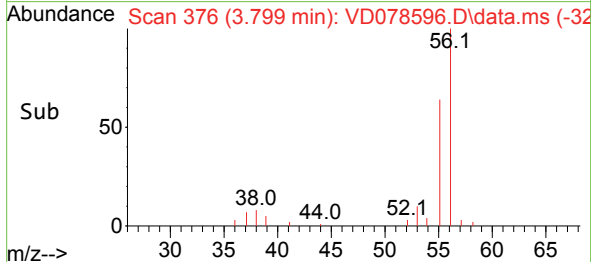
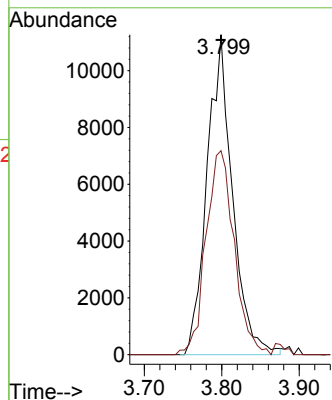
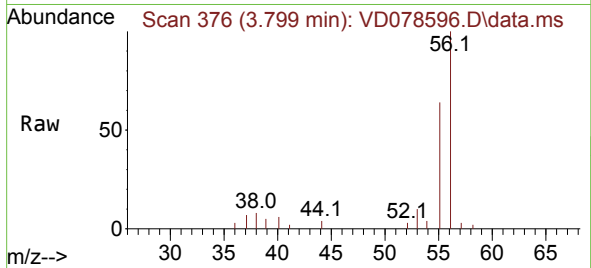
VSTDCCC050EC

Tgt Ion: 56 Resp: 25671

Ion Ratio Lower Upper

56 100

55 70.7 55.1 82.7



#14

Allyl chloride

Concen: 47.679 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

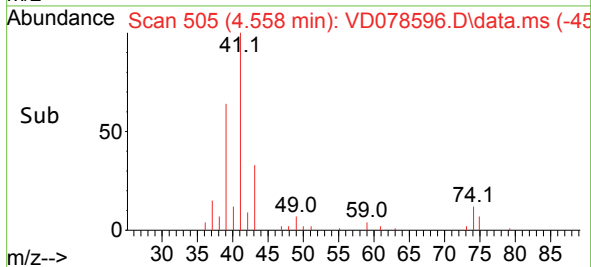
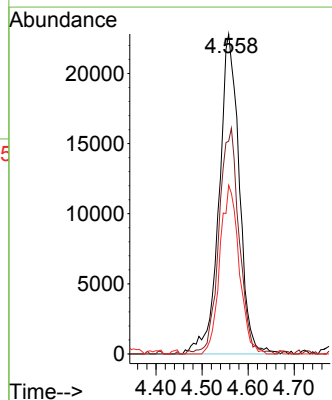
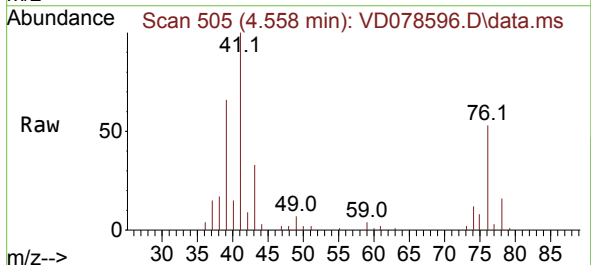
Tgt Ion: 41 Resp: 69028

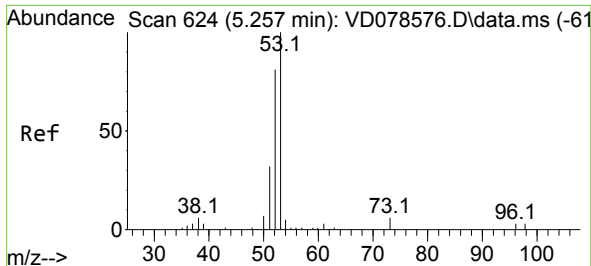
Ion Ratio Lower Upper

41 100

39 70.9 53.8 80.6

76 50.5 45.8 68.8

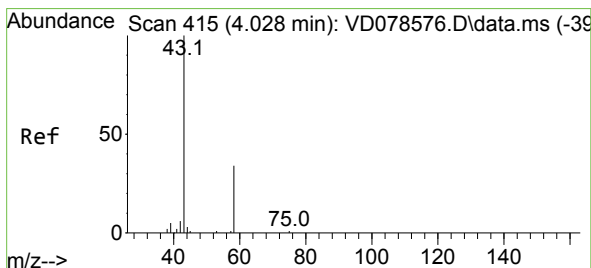
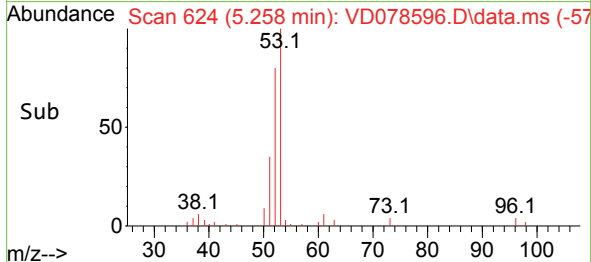
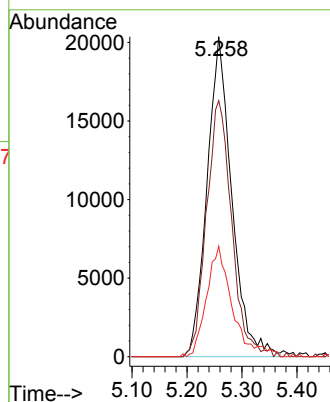
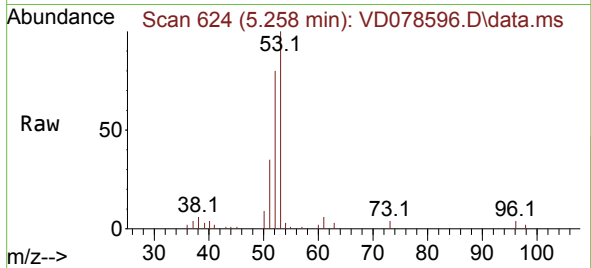




#15
Acrylonitrile
Concen: 254.514 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

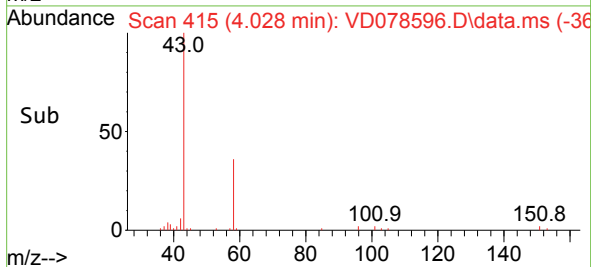
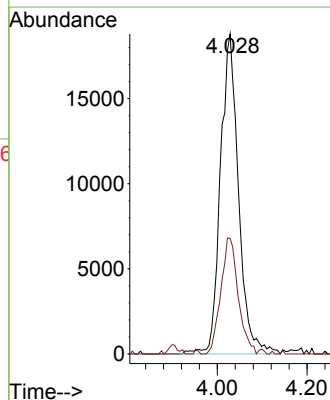
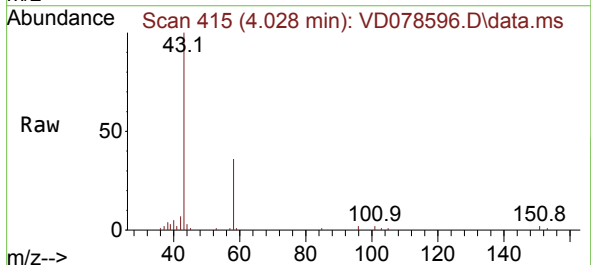
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

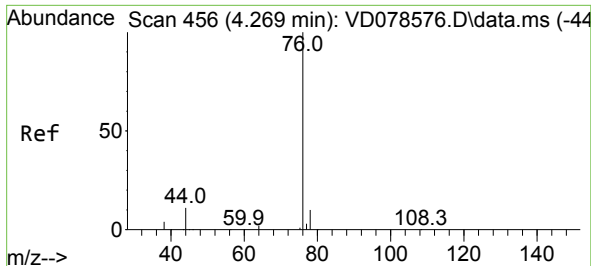
Tgt Ion: 53	Resp: 63653
Ion Ratio	Lower Upper
53 100	
52 81.6	65.0 97.4
51 35.8	28.3 42.5



#16
Acetone
Concen: 213.918 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion: 43	Resp: 52805
Ion Ratio	Lower Upper
43 100	
58 36.1	34.7 52.1

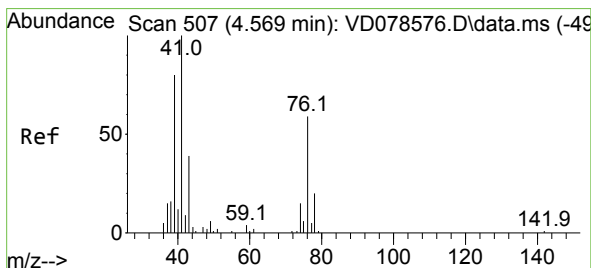
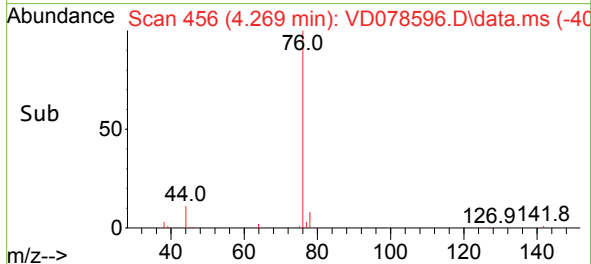
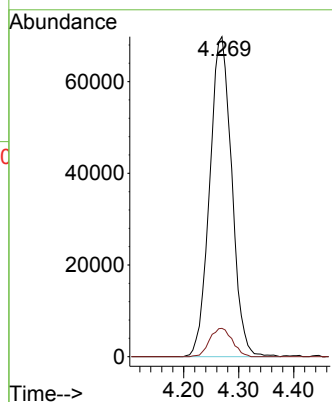
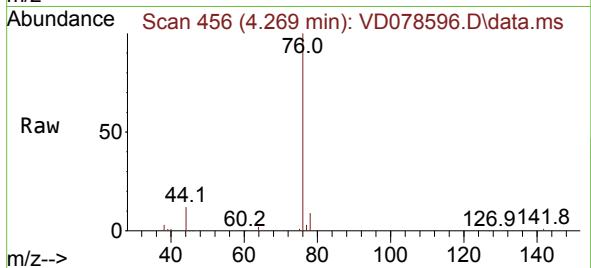




#17
Carbon Disulfide
Concen: 45.937 ug/l
RT: 4.269 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

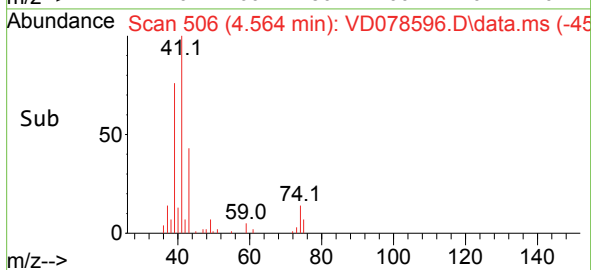
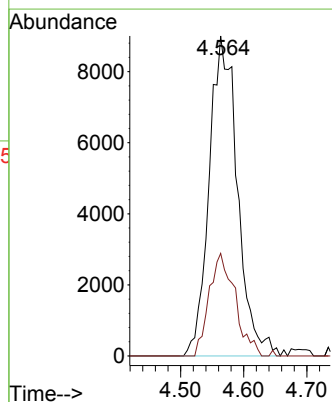
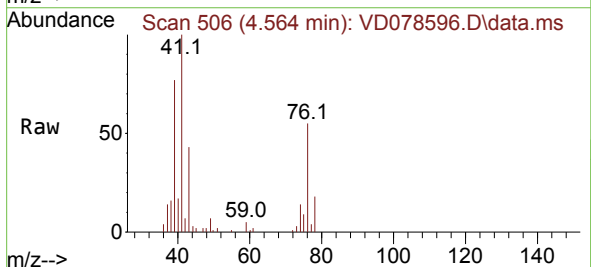
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

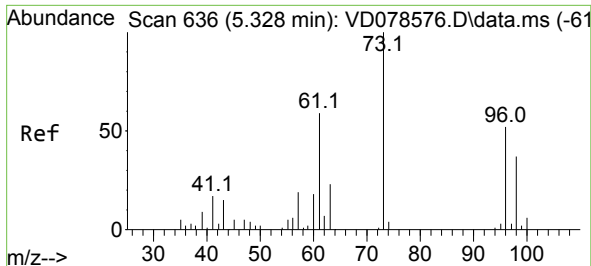
Tgt Ion: 76 Resp: 194538
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 60.002 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion: 43 Resp: 28035
Ion Ratio Lower Upper
43 100
74 29.4 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 50.931 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

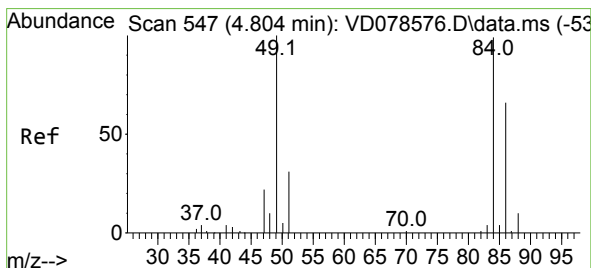
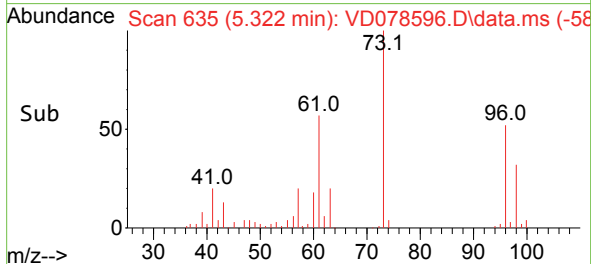
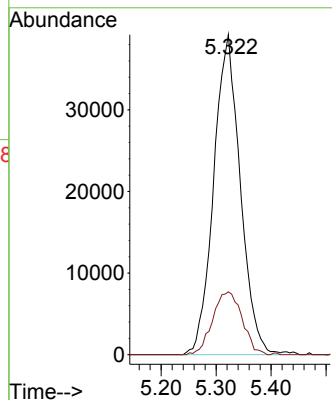
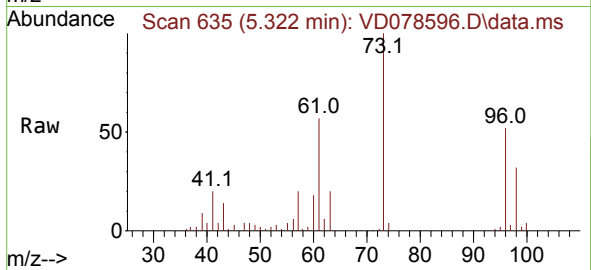
VSTDCCC050EC

Tgt Ion: 73 Resp: 131628

Ion Ratio Lower Upper

73 100

57 19.7 16.6 25.0



#20

Methylene Chloride

Concen: 51.169 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.005 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Tgt Ion: 84 Resp: 86032

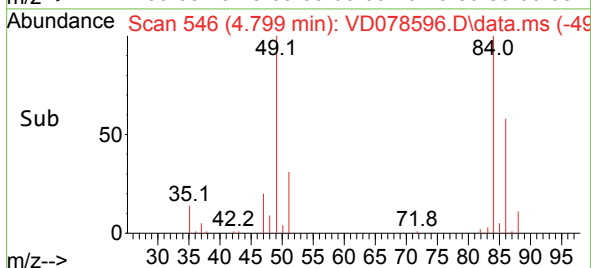
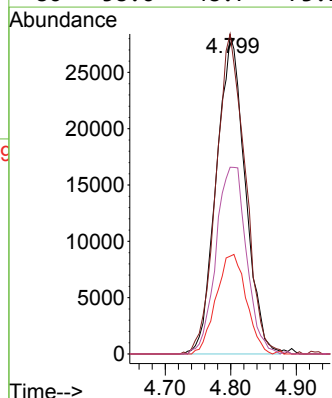
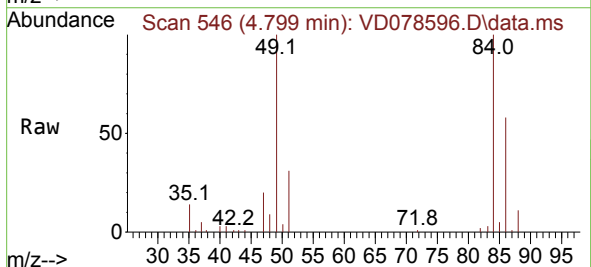
Ion Ratio Lower Upper

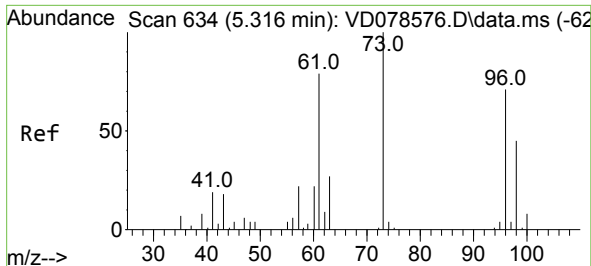
84 100

49 100.5 71.4 107.2

51 30.7 24.5 36.7

86 58.6 48.7 73.1

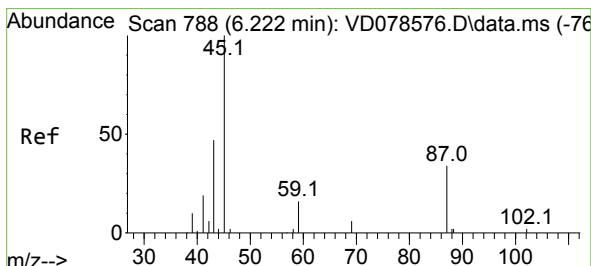
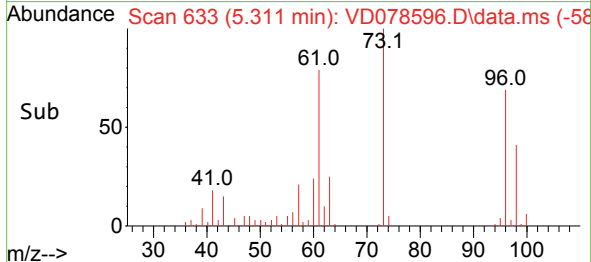
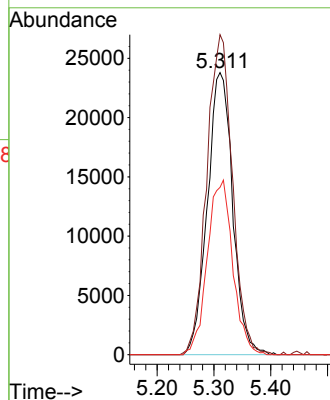
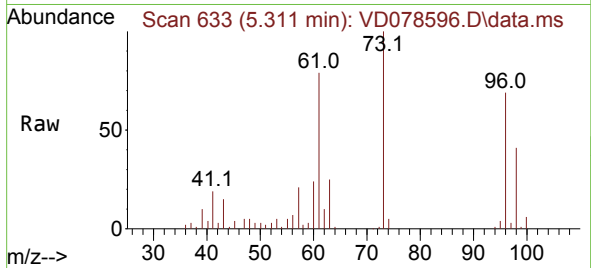




#21
trans-1,2-Dichloroethene
Concen: 48.213 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

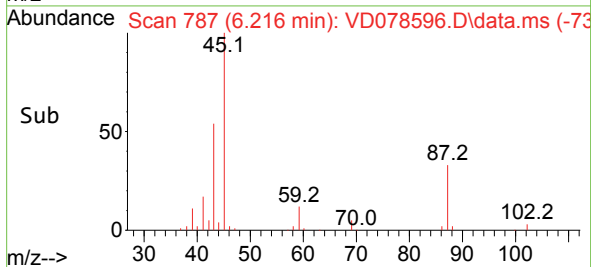
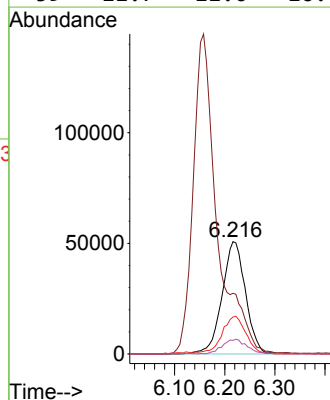
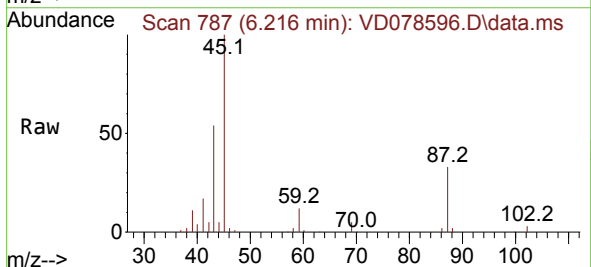
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

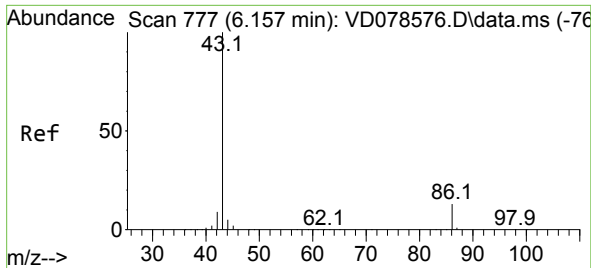
Tgt Ion: 96 Resp: 73635
Ion Ratio Lower Upper
96 100
61 113.4 89.3 133.9
98 59.3 48.6 73.0



#22
Diisopropyl ether
Concen: 50.801 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion: 45 Resp: 164897
Ion Ratio Lower Upper
45 100
43 52.8 40.0 60.0
87 33.0 28.2 42.4
59 11.7 11.0 16.4

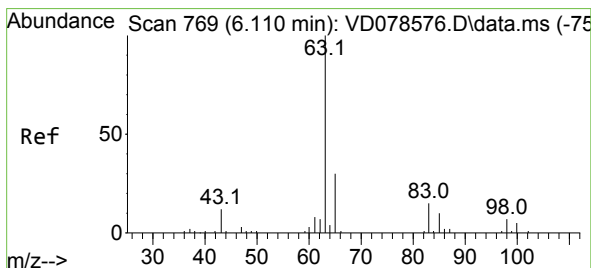
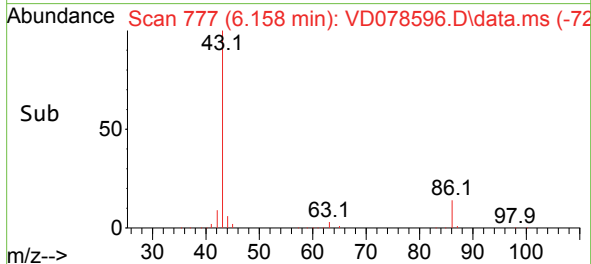
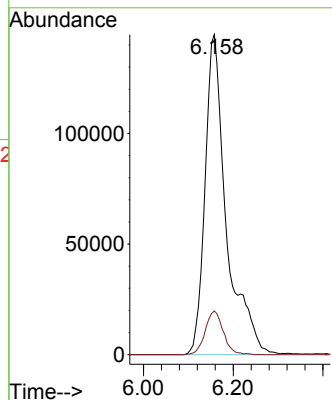
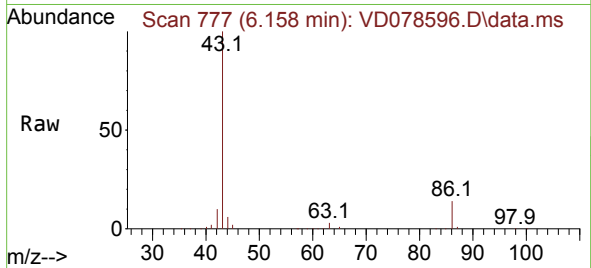




#23
 Vinyl Acetate
 Concen: 248.426 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078596.D
 Acq: 04 Mar 2024 19:25

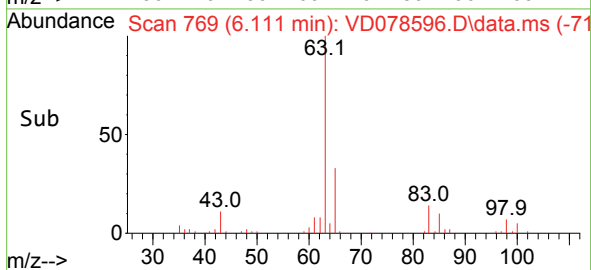
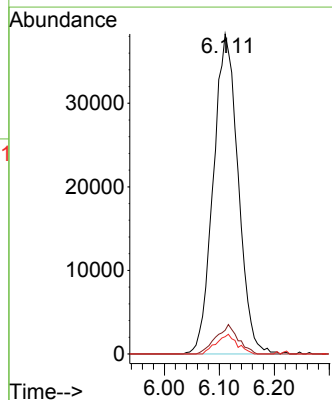
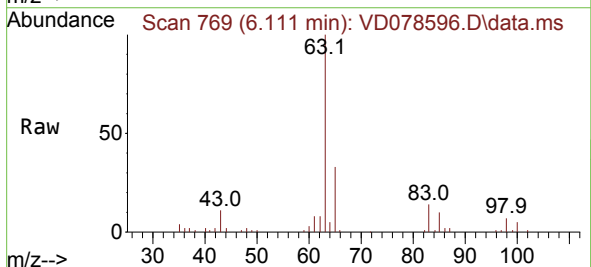
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

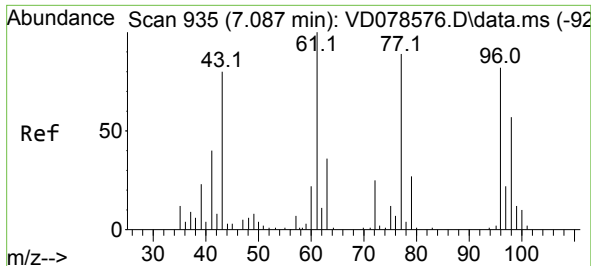
Tgt Ion: 43 Resp: 478920
 Ion Ratio Lower Upper
 43 100
 86 13.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 48.994 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD078596.D
 Acq: 04 Mar 2024 19:25

Tgt Ion: 63 Resp: 120145
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.5 13.7
 100 5.4 2.5 7.5

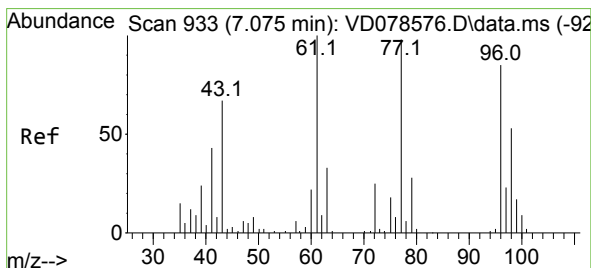
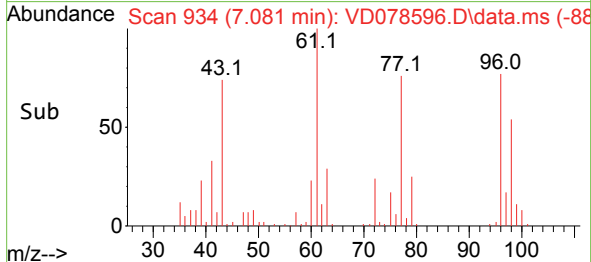
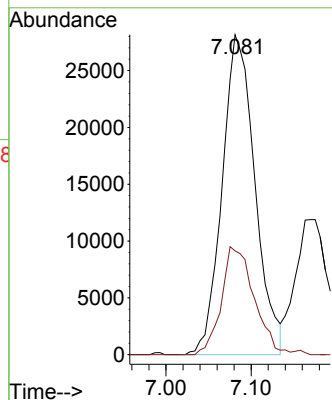
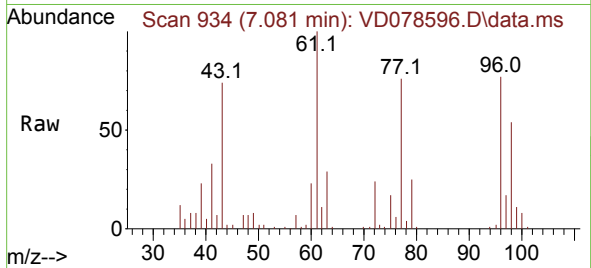




#25
2-Butanone
Concen: 242.224 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

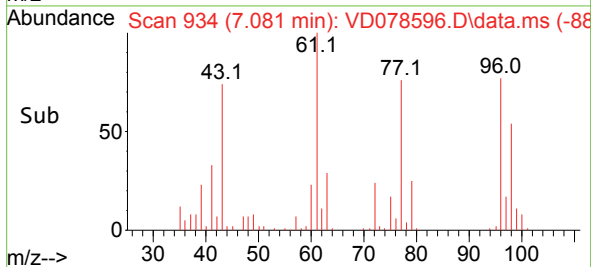
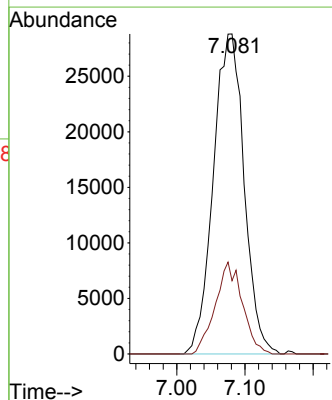
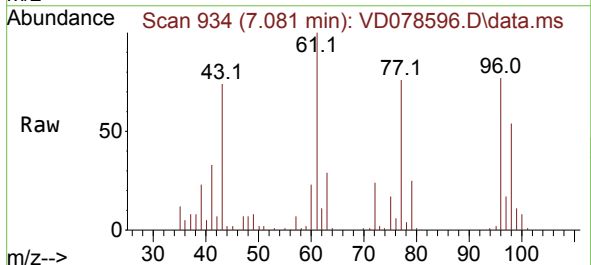
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

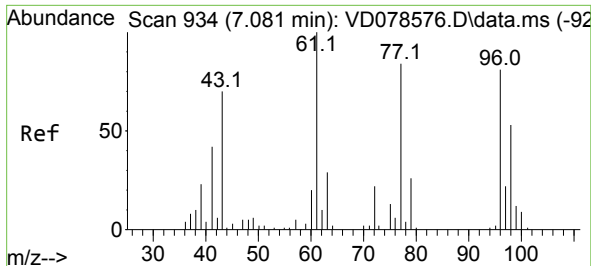
Tgt Ion: 43 Resp: 75423
Ion Ratio Lower Upper
43 100
72 32.5 30.7 46.1



#26
2,2-Dichloropropane
Concen: 43.718 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion: 77 Resp: 90568
Ion Ratio Lower Upper
77 100
97 25.3 13.2 39.6

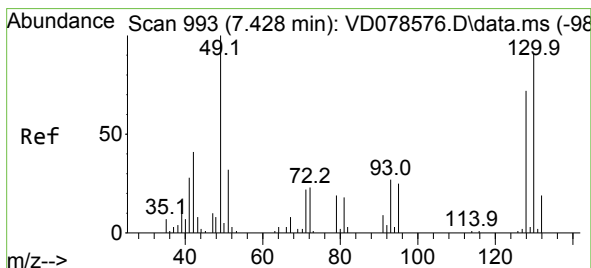
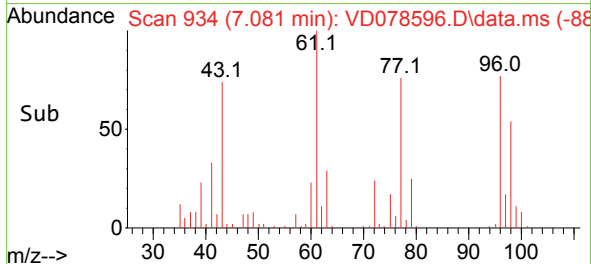
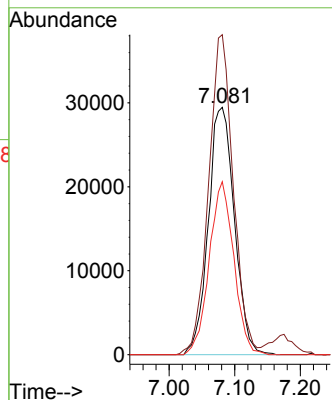
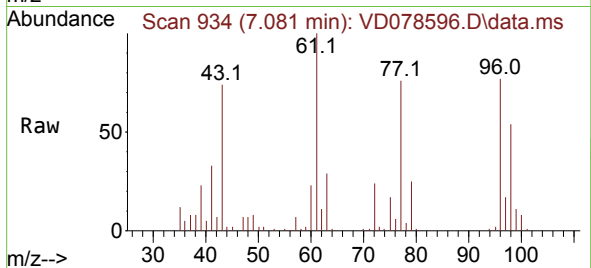




#27
 cis-1,2-Dichloroethene
 Concen: 48.737 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078596.D
 Acq: 04 Mar 2024 19:25

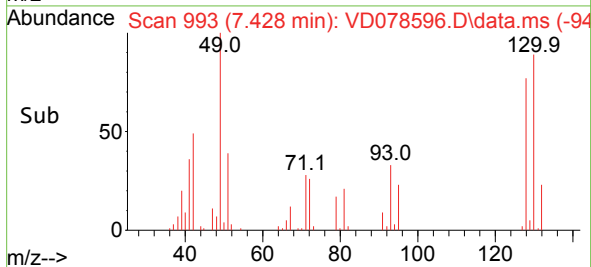
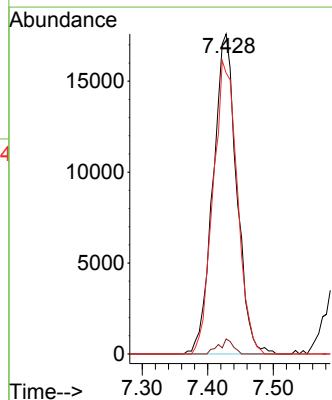
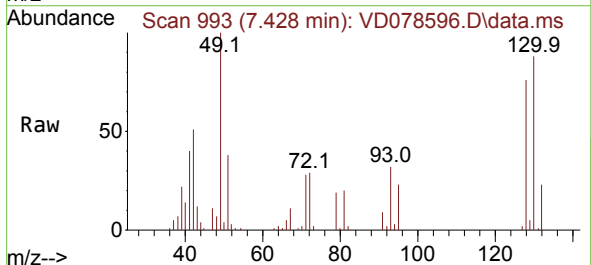
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

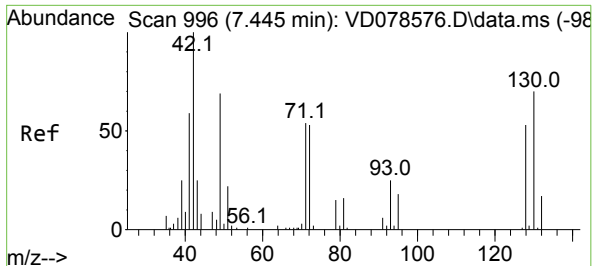
Tgt Ion: 96 Resp: 81504
 Ion Ratio Lower Upper
 96 100
 61 121.8 0.0 239.2
 98 65.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 48.130 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078596.D
 Acq: 04 Mar 2024 19:25

Tgt Ion: 49 Resp: 44093
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 6.0
 130 93.6 83.2 124.8





#29

Tetrahydrofuran

Concen: 262.169 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

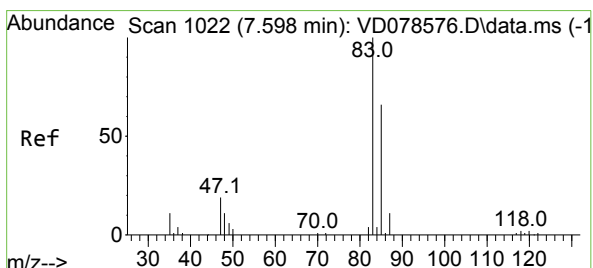
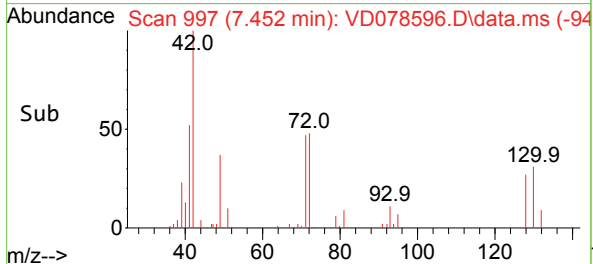
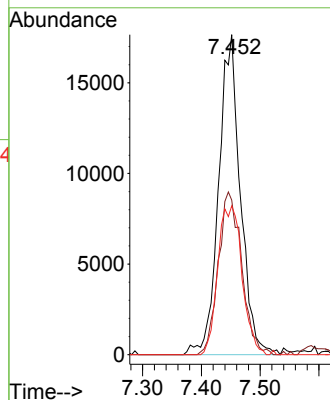
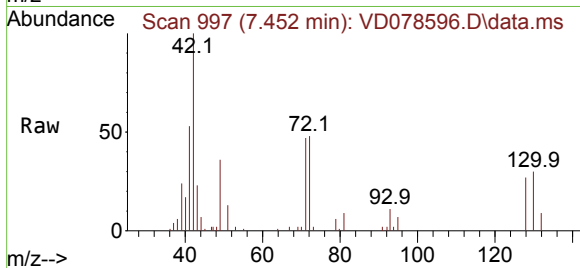
Tgt Ion: 42 Resp: 45353

Ion Ratio Lower Upper

42 100

72 54.6 46.5 69.7

71 51.8 44.5 66.7



#30

Chloroform

Concen: 49.246 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078596.D

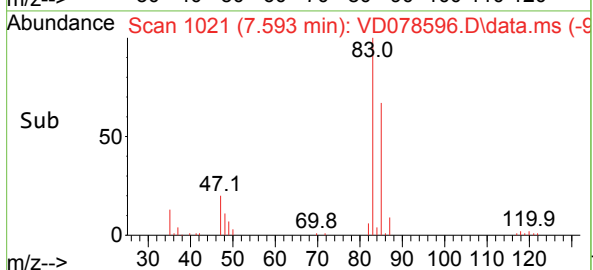
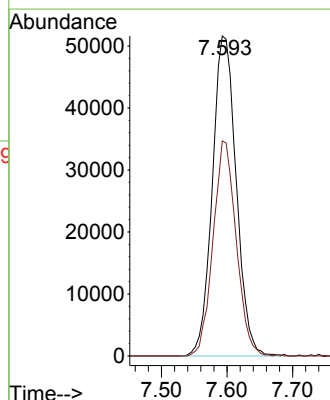
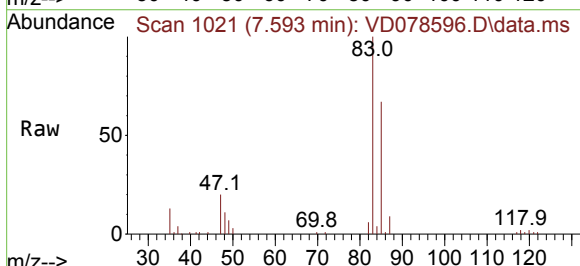
Acq: 04 Mar 2024 19:25

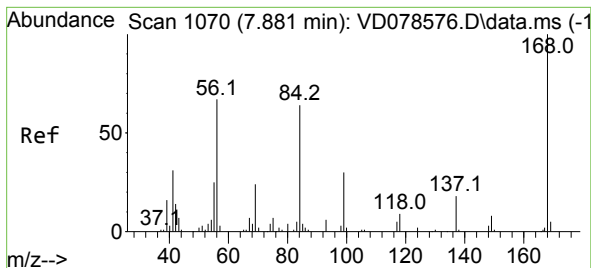
Tgt Ion: 83 Resp: 130391

Ion Ratio Lower Upper

83 100

85 67.2 53.4 80.2





#31

Cyclohexane

Concen: 46.728 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

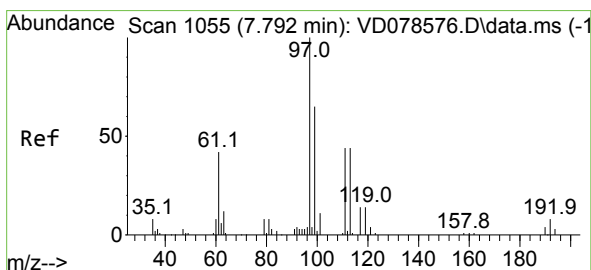
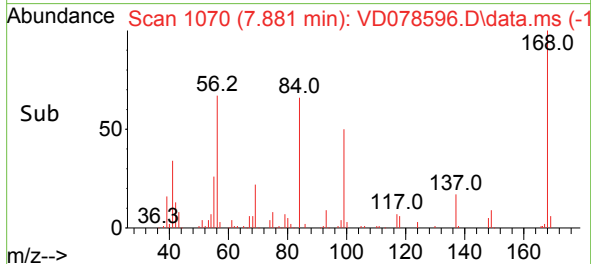
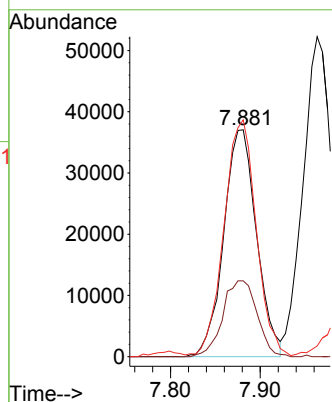
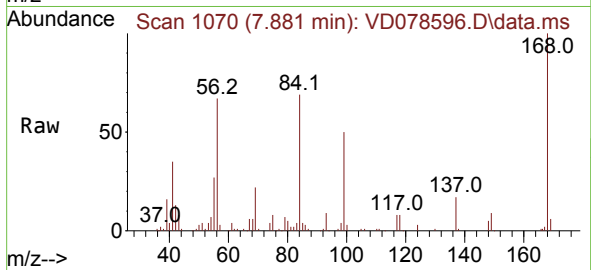
Tgt Ion: 56 Resp: 94236

Ion Ratio Lower Upper

56 100

69 33.5 28.6 43.0

84 102.9 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 48.126 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

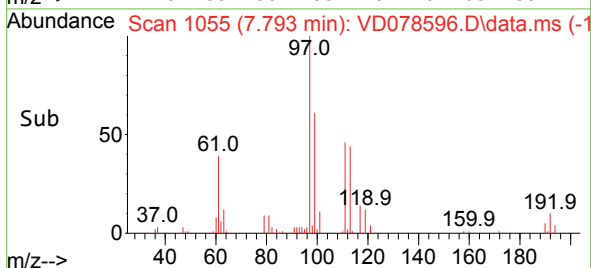
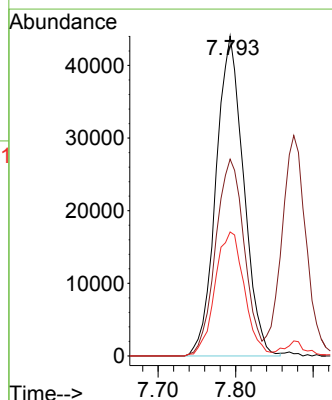
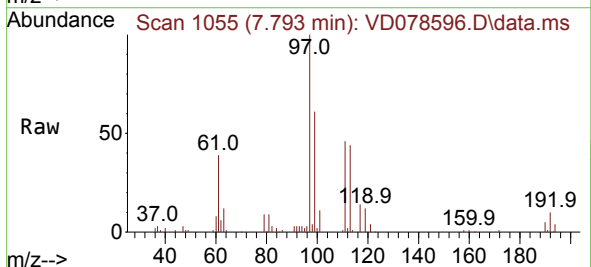
Tgt Ion: 97 Resp: 109314

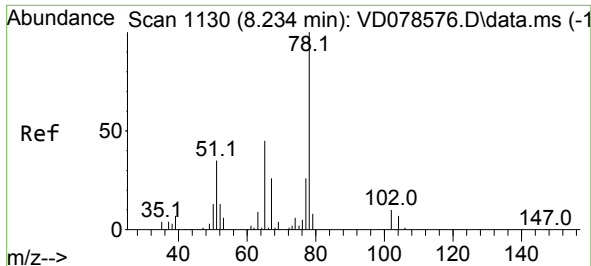
Ion Ratio Lower Upper

97 100

99 63.8 52.0 78.0

61 41.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.878 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

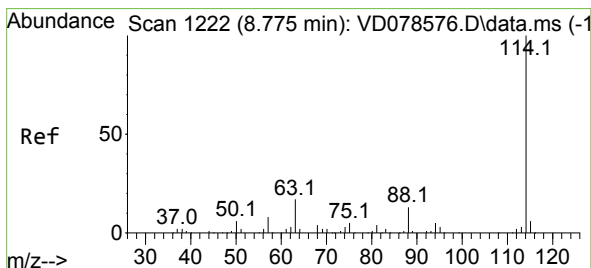
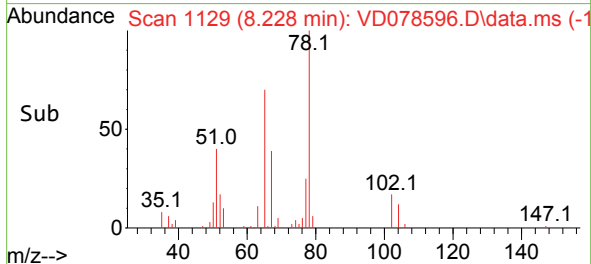
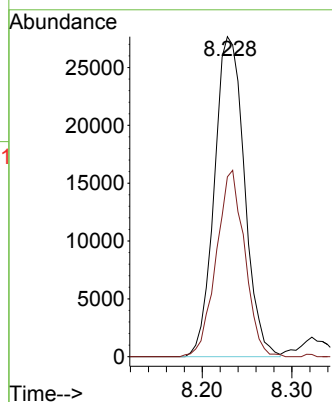
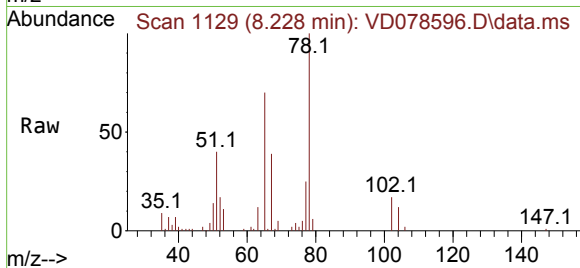
VSTDCCC050EC

Tgt Ion: 65 Resp: 64266

Ion Ratio Lower Upper

65 100

67 55.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

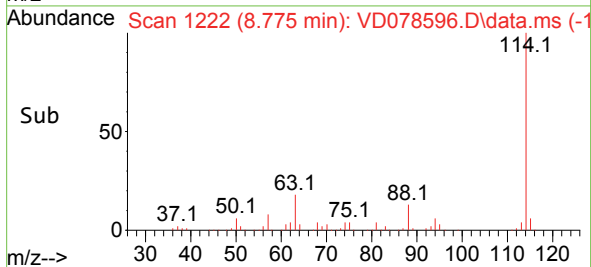
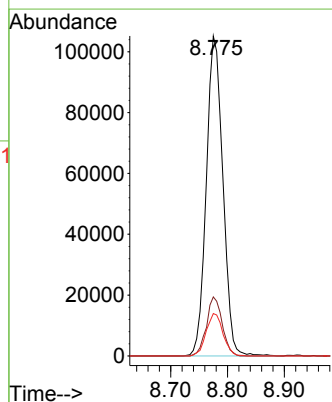
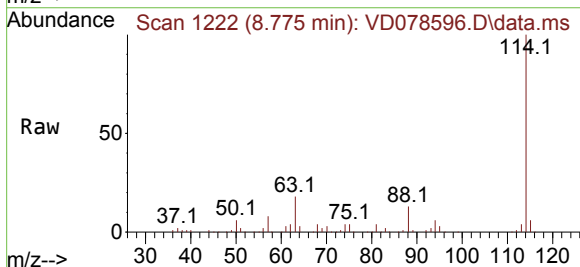
Tgt Ion:114 Resp: 212602

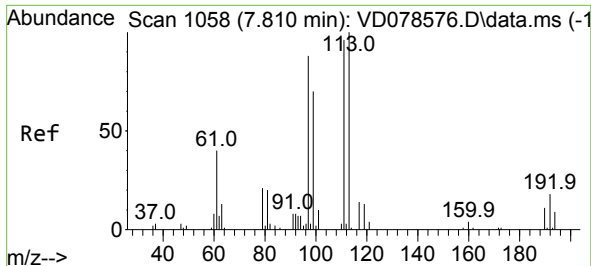
Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.4

88 13.3 0.0 26.2

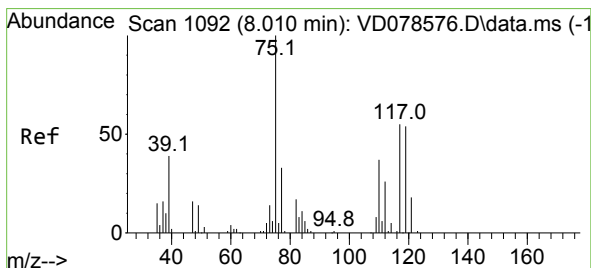
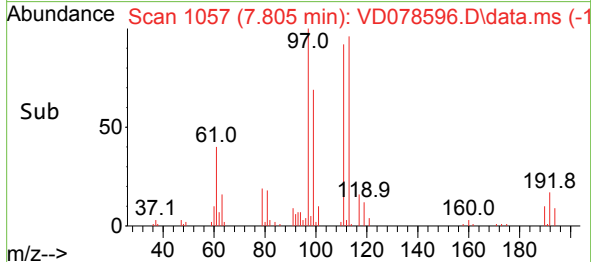
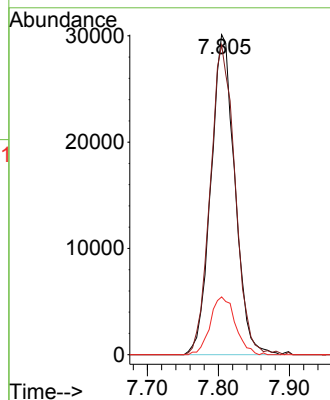
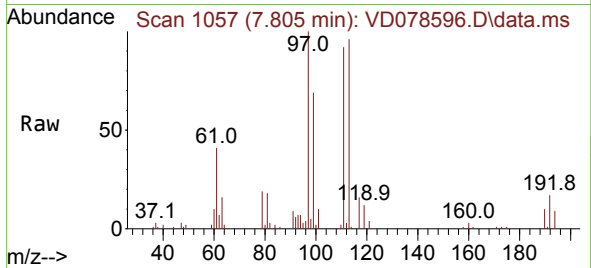




#35
Dibromofluoromethane
Concen: 50.888 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

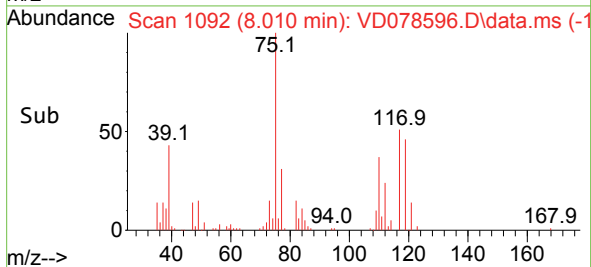
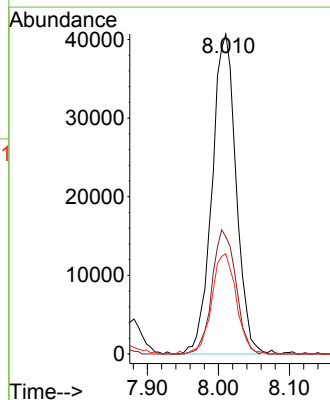
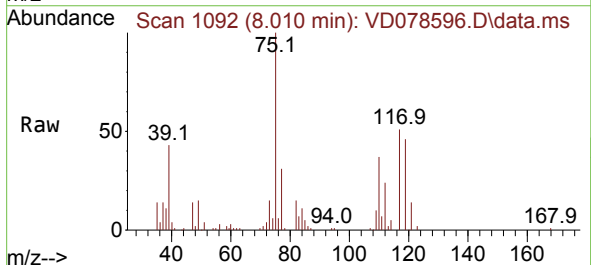
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

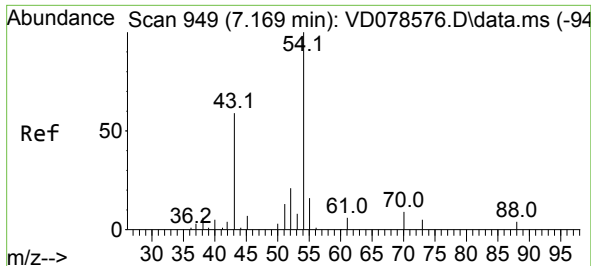
Tgt Ion:113 Resp: 70376
Ion Ratio Lower Upper
113 100
111 100.5 84.7 127.1
192 18.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.063 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion: 75 Resp: 95807
Ion Ratio Lower Upper
75 100
110 38.3 19.9 59.6
77 31.8 24.7 37.1





#37

Ethyl Acetate

Concen: 52.540 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

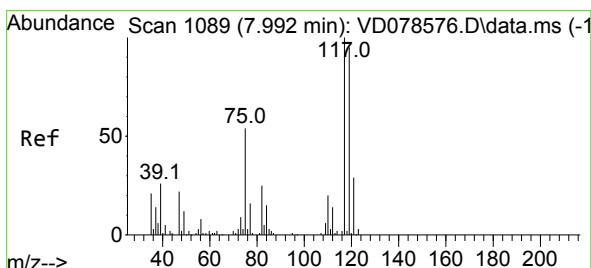
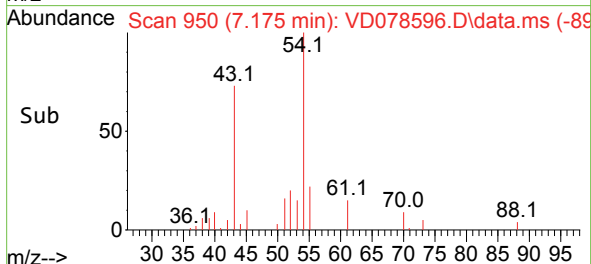
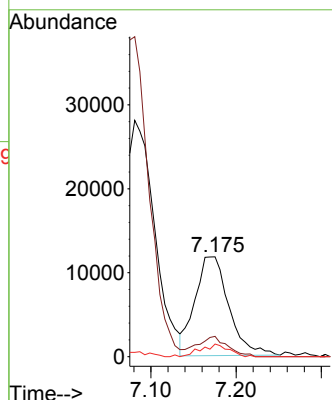
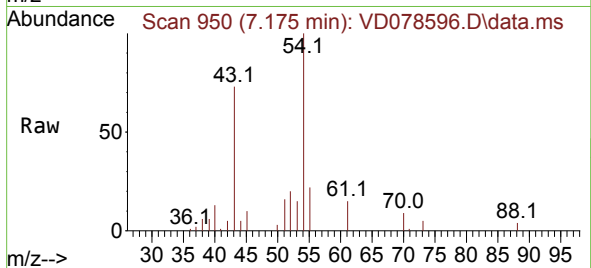
Tgt Ion: 43 Resp: 32579

Ion Ratio Lower Upper

43 100

61 18.0 14.9 22.3

70 10.6 10.0 15.0



#38

Carbon Tetrachloride

Concen: 50.435 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

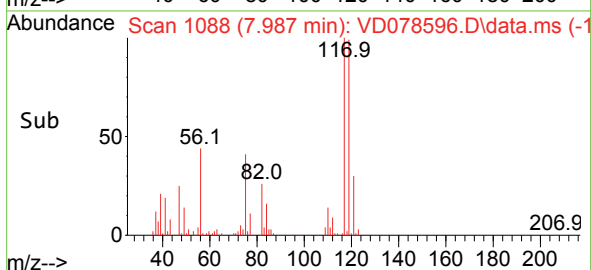
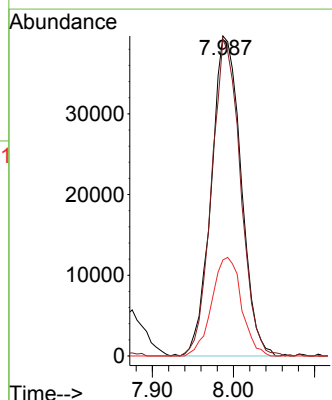
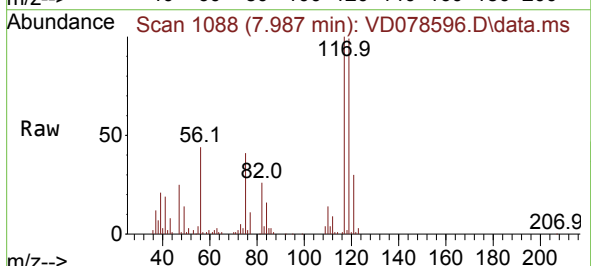
Tgt Ion: 117 Resp: 100952

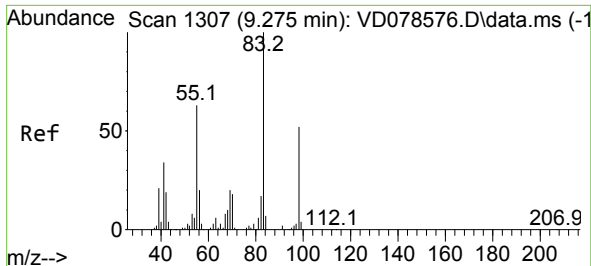
Ion Ratio Lower Upper

117 100

119 99.0 78.0 117.0

121 30.0 24.2 36.2

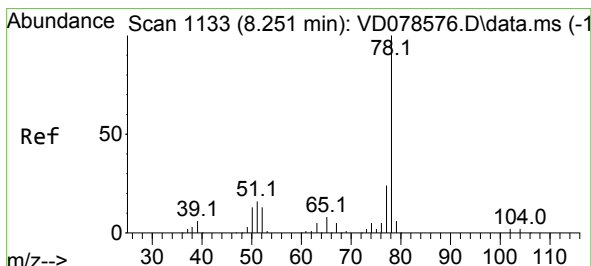
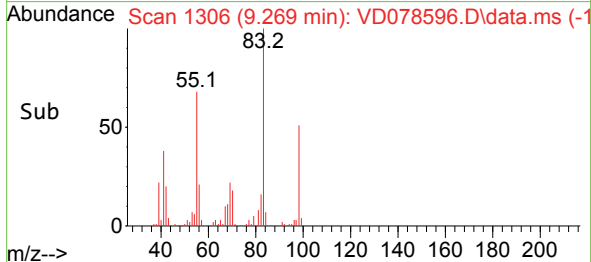
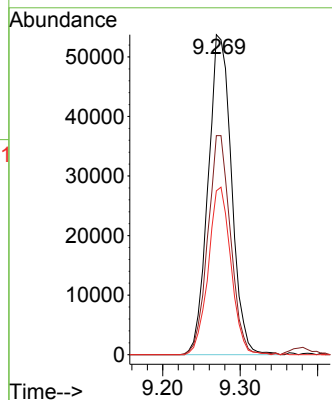
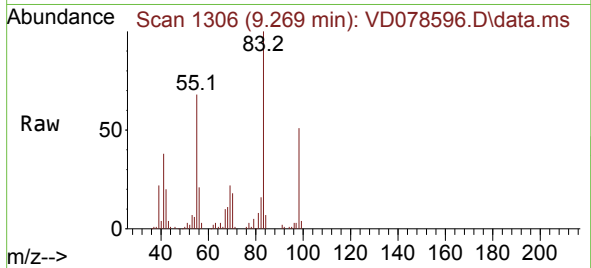




#39
Methylcyclohexane
Concen: 50.147 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

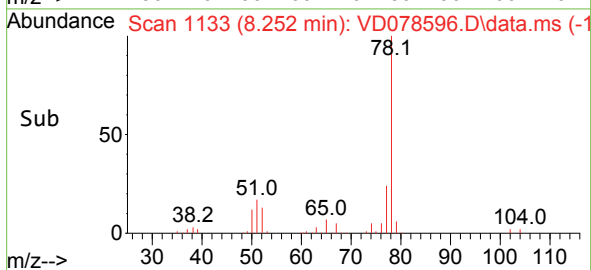
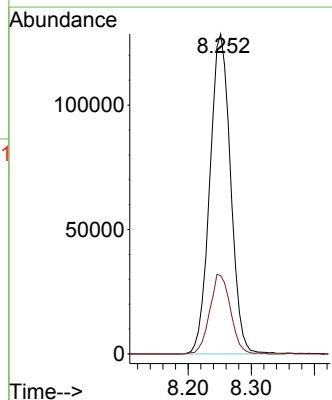
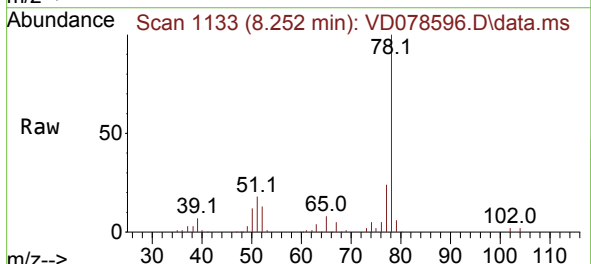
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

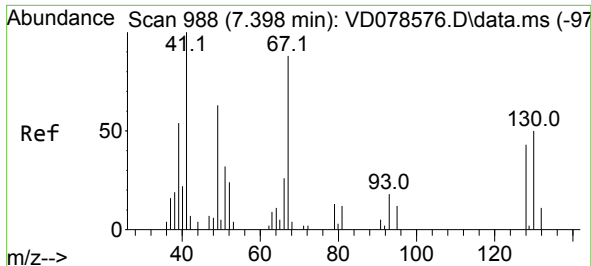
Tgt Ion: 83 Resp: 112637
Ion Ratio Lower Upper
83 100
55 68.5 49.4 74.0
98 51.2 38.4 57.6



#40
Benzene
Concen: 51.745 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion: 78 Resp: 293517
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0

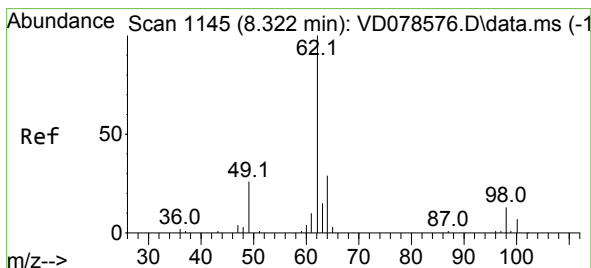
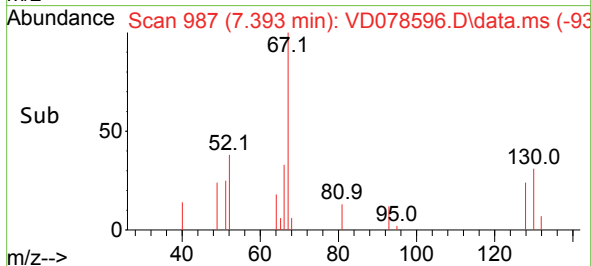
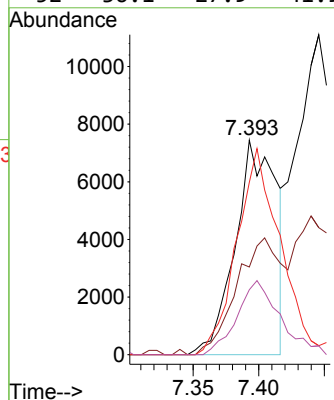
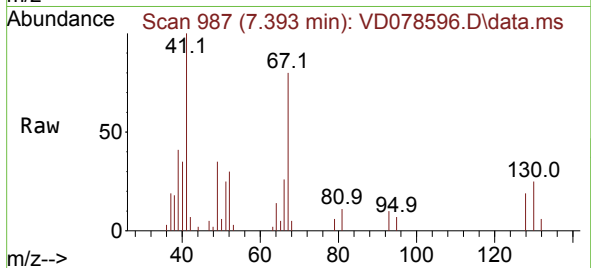




#41
Methacrylonitrile
Concen: 48.699 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

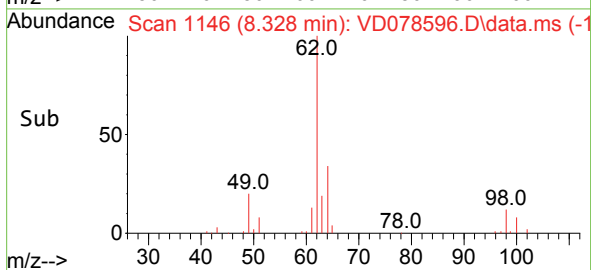
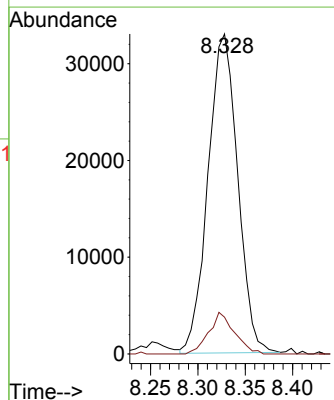
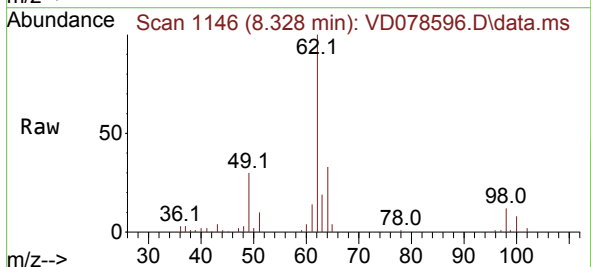
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

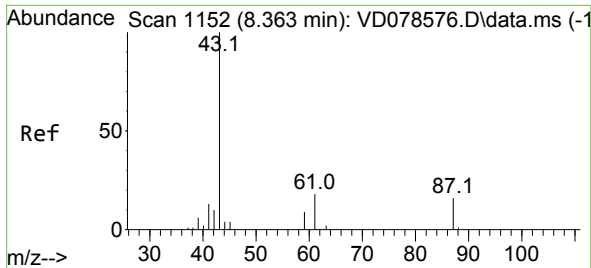
Tgt Ion:	41	Resp:	16185
Ion	Ratio	Lower	Upper
41	100		
39	62.3	34.0	51.0#
67	103.1	77.0	115.4
52	36.1	27.9	41.9



#42
1,2-Dichloroethane
Concen: 49.884 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion:	62	Resp:	71785
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	25.4

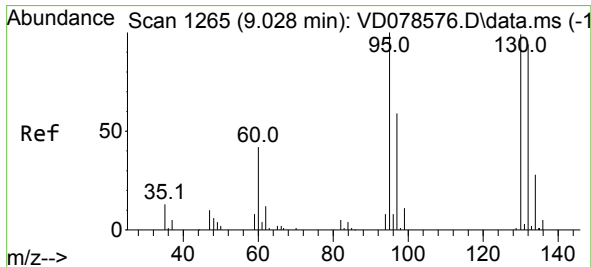
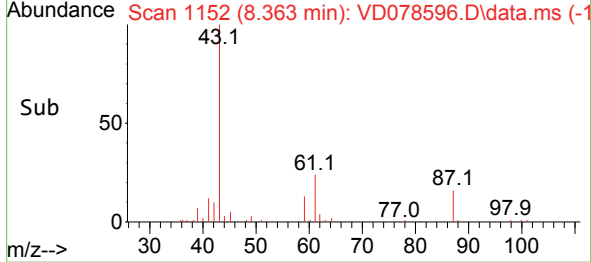
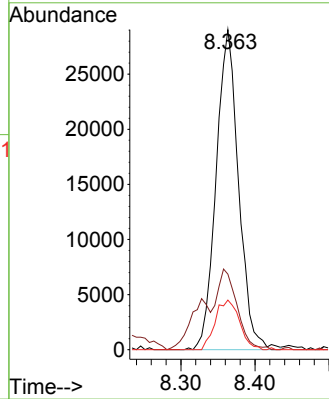
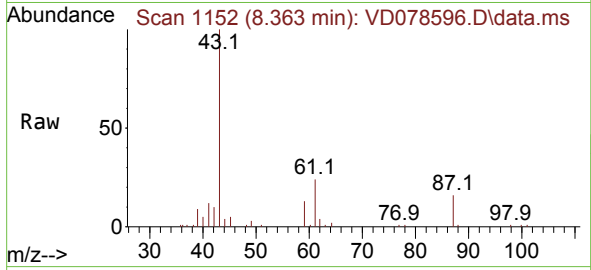




#43
Isopropyl Acetate
Concen: 51.490 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

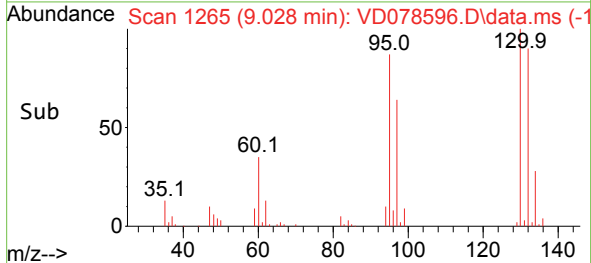
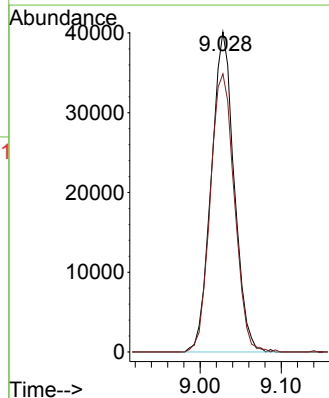
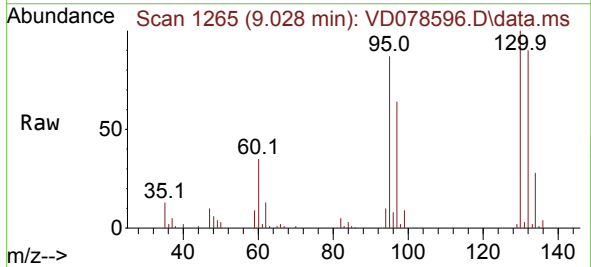
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

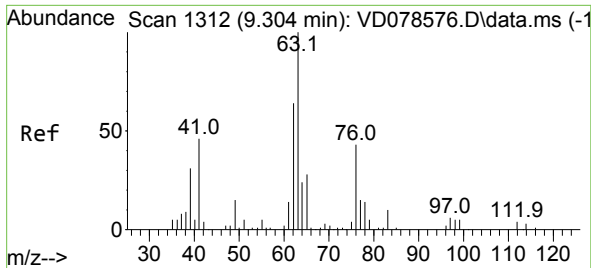
Tgt Ion: 43 Resp: 61211
Ion Ratio Lower Upper
43 100
61 22.9 31.4 47.0#
87 16.7 14.9 22.3



#44
Trichloroethene
Concen: 50.413 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion:130 Resp: 78472
Ion Ratio Lower Upper
130 100
95 86.9 0.0 179.2

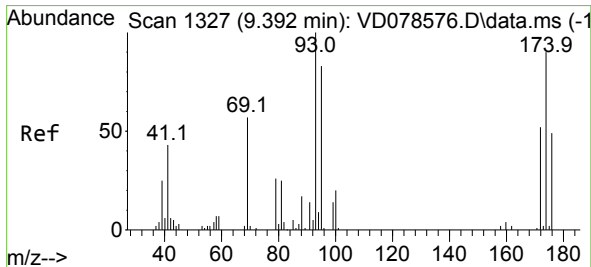
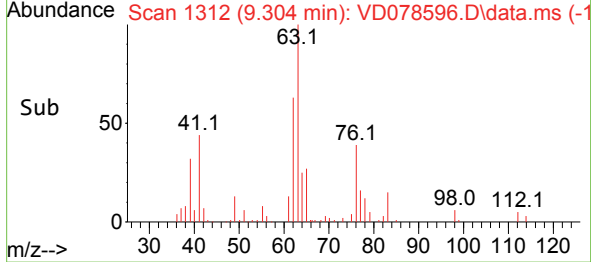
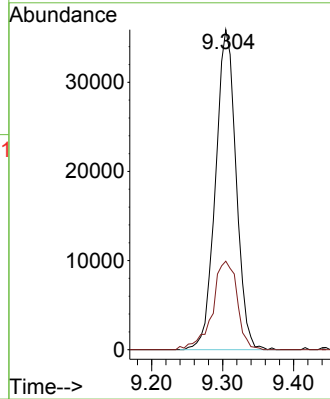
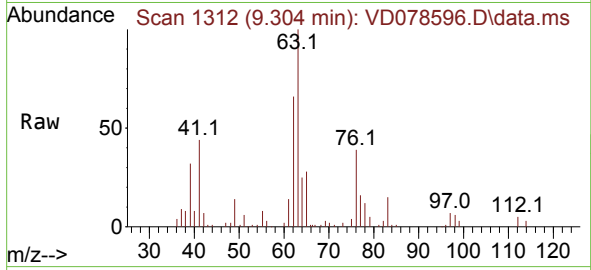




#45
1,2-Dichloropropane
Concen: 52.942 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

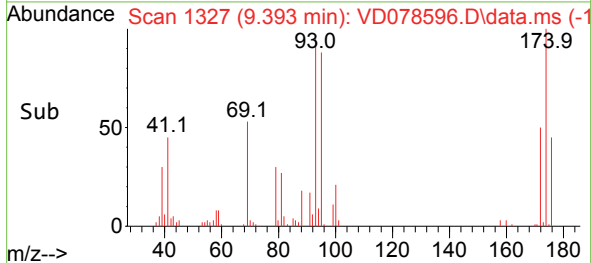
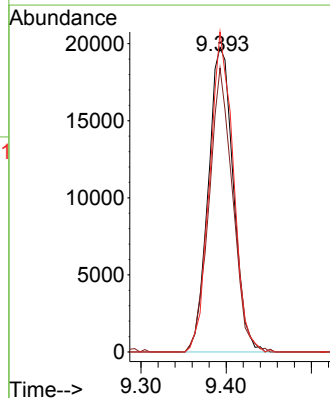
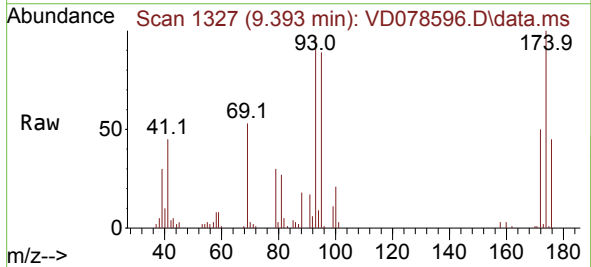
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

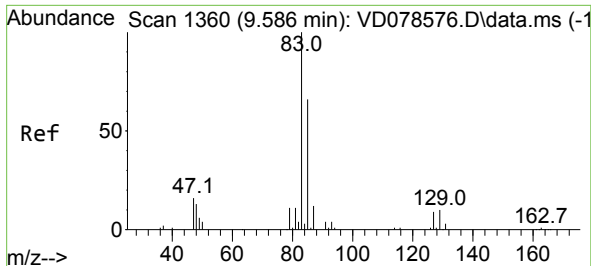
Tgt Ion: 63 Resp: 72139
Ion Ratio Lower Upper
63 100
65 27.6 24.5 36.7



#46
Dibromomethane
Concen: 51.316 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion: 93 Resp: 40310
Ion Ratio Lower Upper
93 100
95 87.8 67.7 101.5
174 98.9 85.4 128.2





#47

Bromodichloromethane

Concen: 52.284 ug/l

RT: 9.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

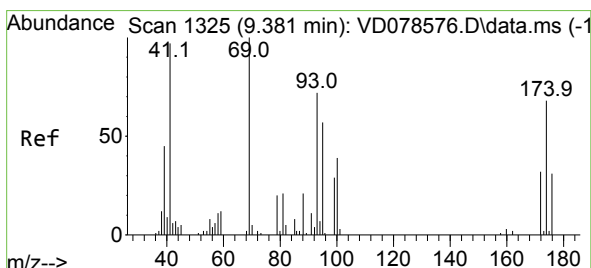
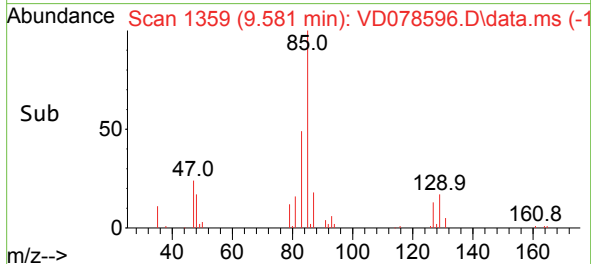
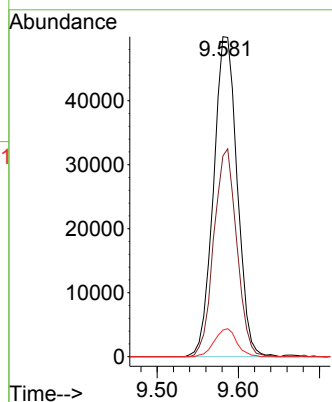
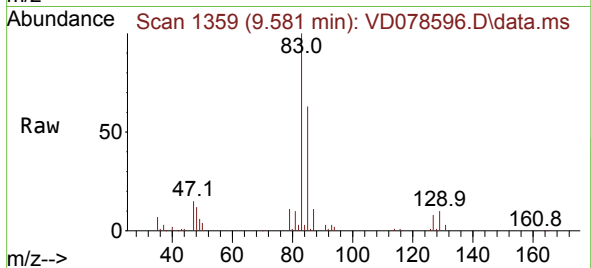
Tgt Ion: 83 Resp: 101269

Ion Ratio Lower Upper

83 100

85 62.8 50.2 75.4

127 8.3 6.3 9.5



#48

Methyl methacrylate

Concen: 54.736 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

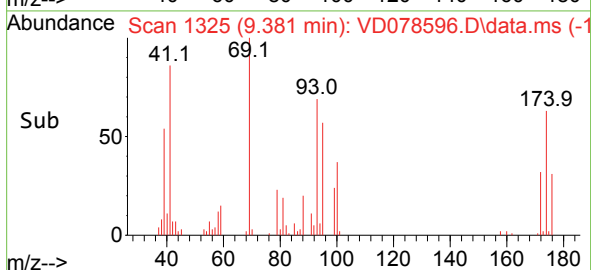
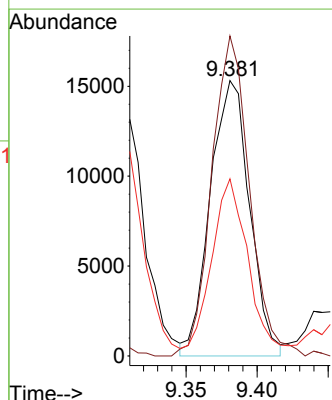
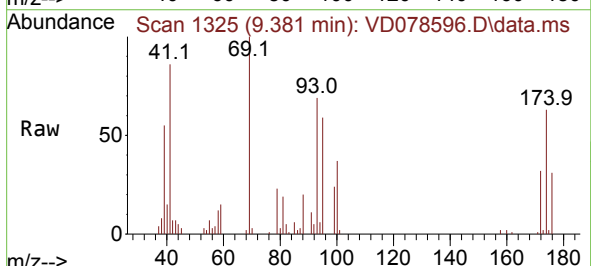
Tgt Ion: 41 Resp: 29476

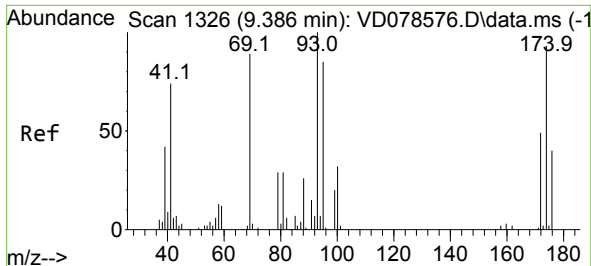
Ion Ratio Lower Upper

41 100

69 111.7 102.2 153.2

39 55.7 41.4 62.2





#49

1,4-Dioxane

Concen: 1068.804 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

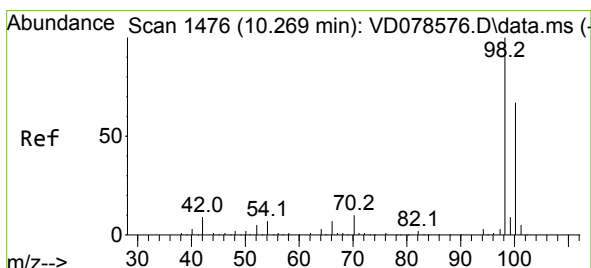
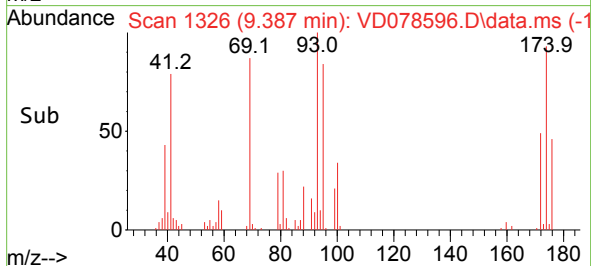
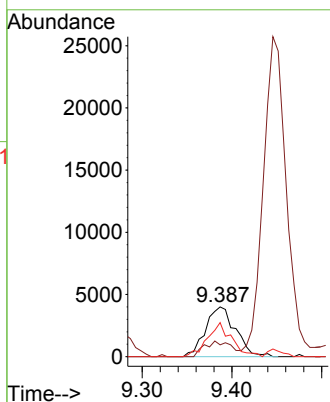
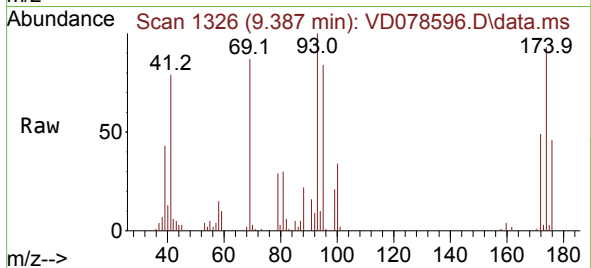
Tgt Ion: 88 Resp: 9312

Ion Ratio Lower Upper

88 100

43 28.8 19.0 28.6#

58 55.2 43.5 65.3



#50

Toluene-d8

Concen: 50.077 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078596.D

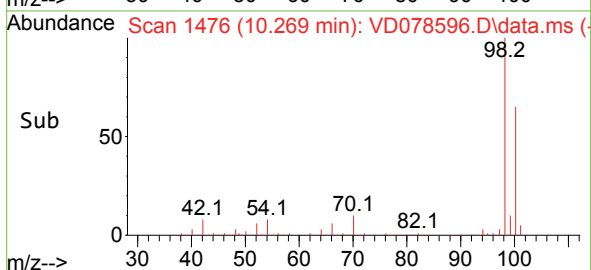
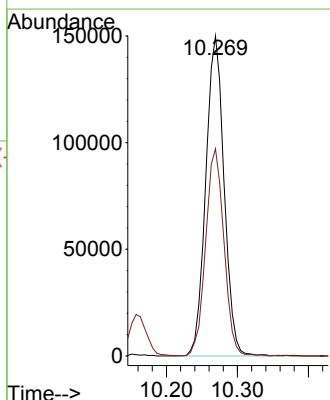
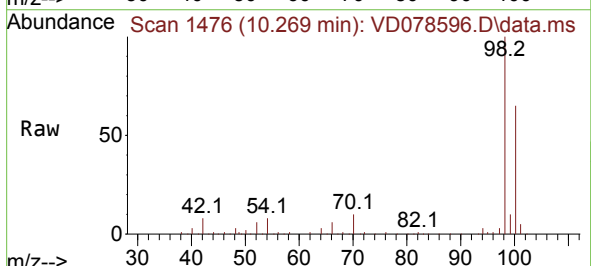
Acq: 04 Mar 2024 19:25

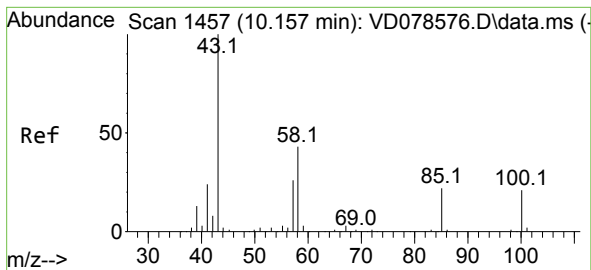
Tgt Ion: 98 Resp: 269108

Ion Ratio Lower Upper

98 100

100 64.8 50.3 75.5

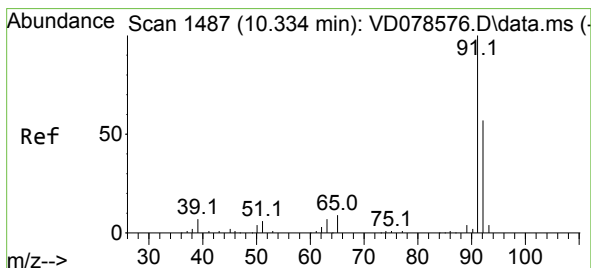
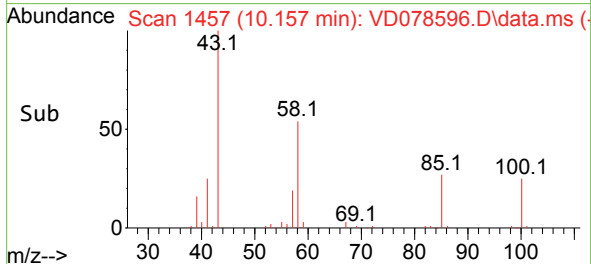
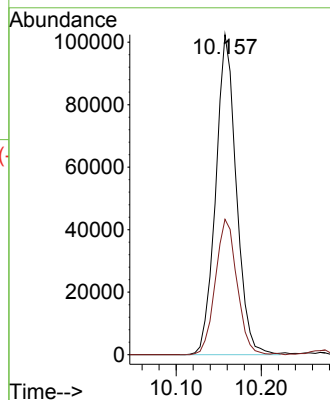
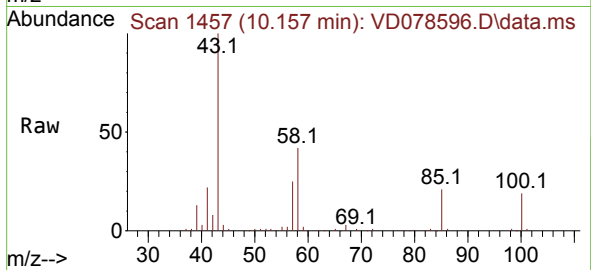




#51
4-Methyl-2-Pentanone
Concen: 280.449 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

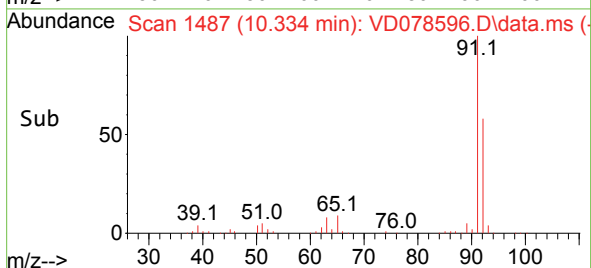
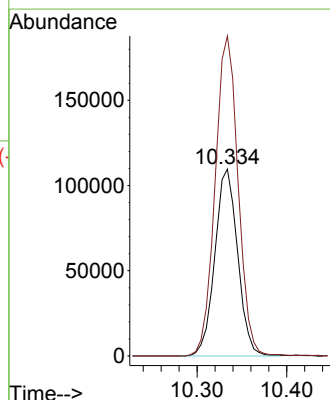
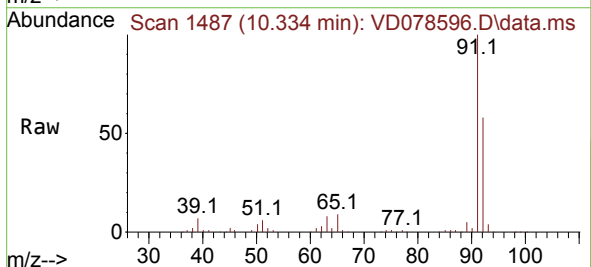
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

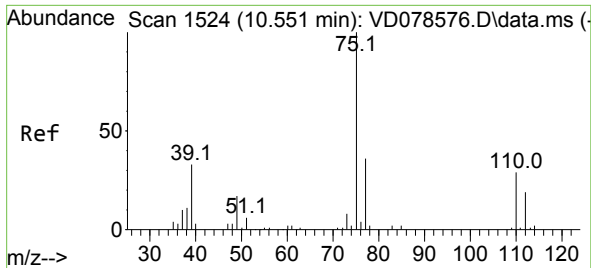
Tgt Ion: 43 Resp: 172083
Ion Ratio Lower Upper
43 100
58 44.3 38.9 58.3



#52
Toluene
Concen: 53.032 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion: 92 Resp: 193020
Ion Ratio Lower Upper
92 100
91 172.9 143.0 214.4

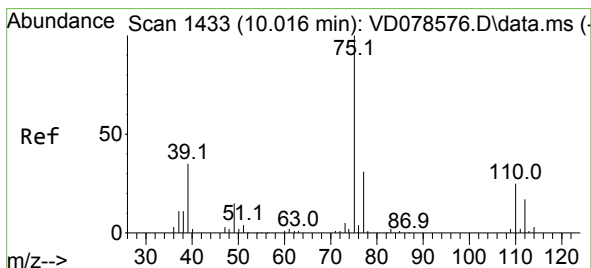
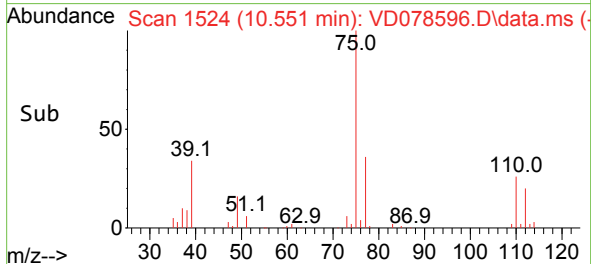
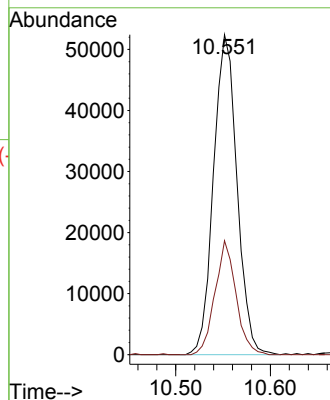
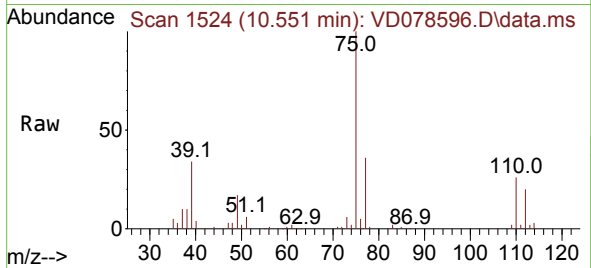




#53
t-1,3-Dichloropropene
Concen: 50.407 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

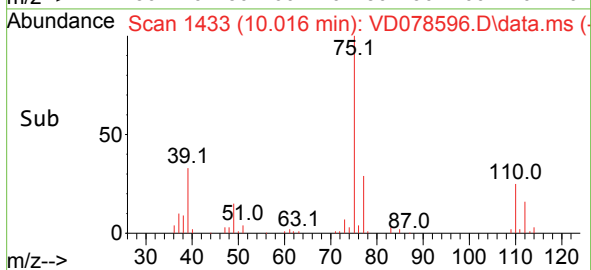
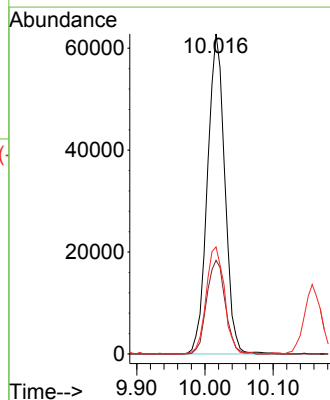
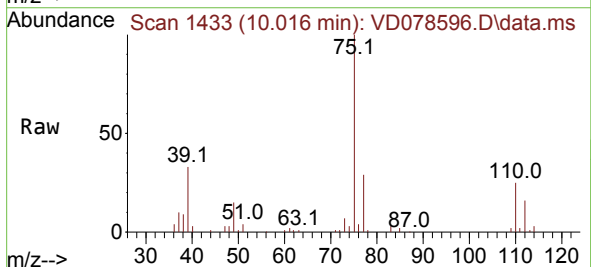
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

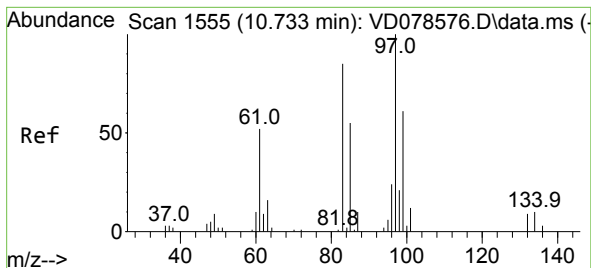
Tgt Ion: 75 Resp: 90321
Ion Ratio Lower Upper
75 100
77 35.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 51.878 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion: 75 Resp: 111300
Ion Ratio Lower Upper
75 100
77 29.3 25.5 38.3
39 33.4 22.1 33.1#

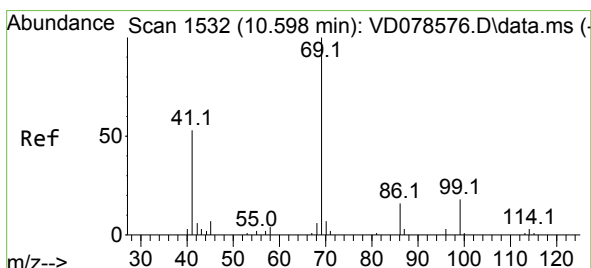
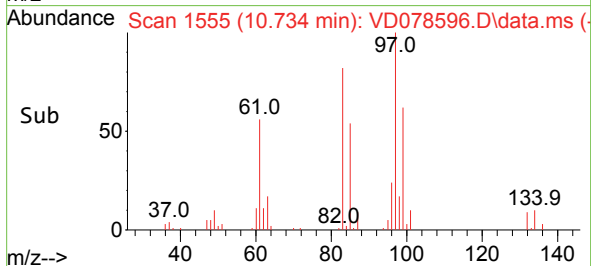
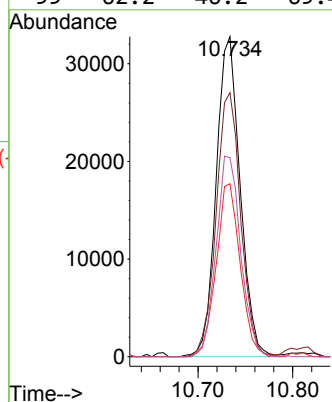
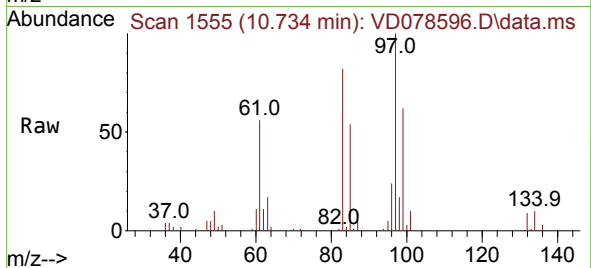




#55
1,1,2-Trichloroethane
Concen: 52.126 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

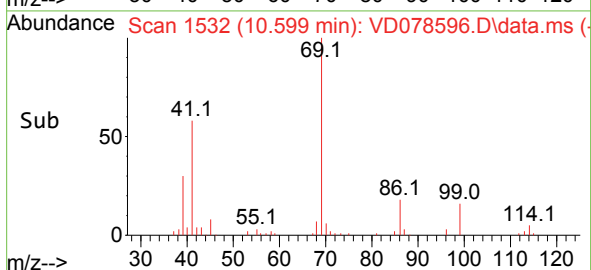
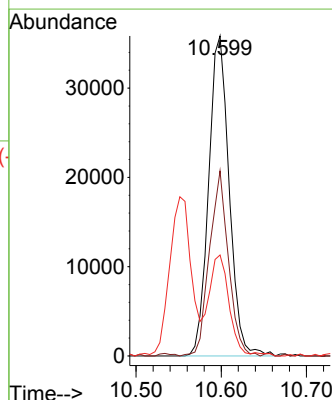
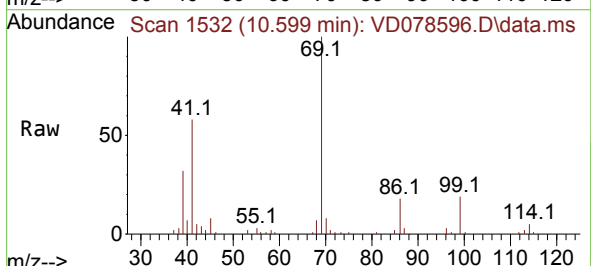
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

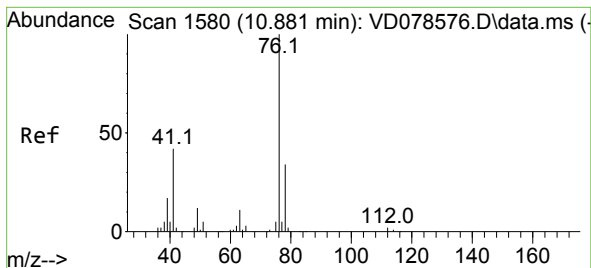
Tgt Ion:	97	Resp:	57657
Ion	Ratio	Lower	Upper
97	100		
83	82.5	65.8	98.6
85	54.1	45.7	68.5
99	62.2	46.2	69.4



#56
Ethyl methacrylate
Concen: 54.239 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion:	69	Resp:	60131
Ion	Ratio	Lower	Upper
69	100		
41	53.5	39.1	58.7
39	29.7	20.0	30.0





#57

1,3-Dichloropropane

Concen: 51.765 ug/l

RT: 10.875 min Scan# 1580

Delta R.T. -0.006 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

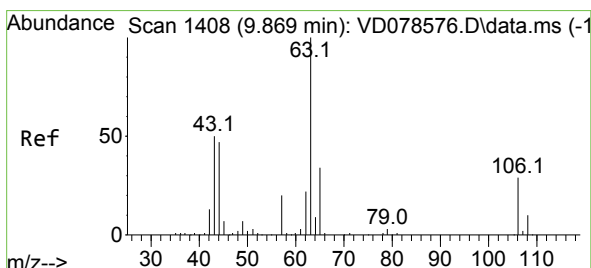
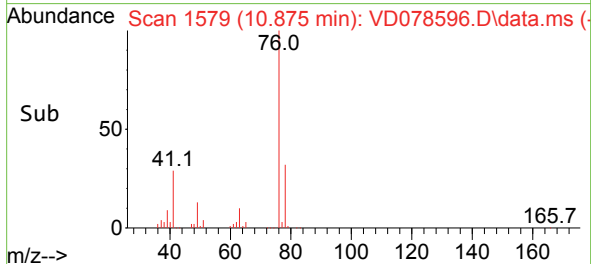
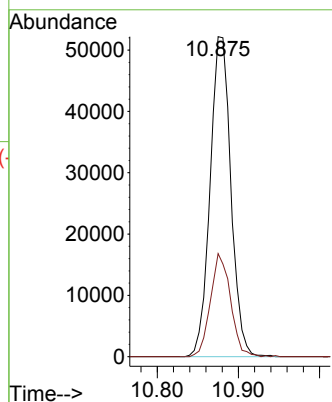
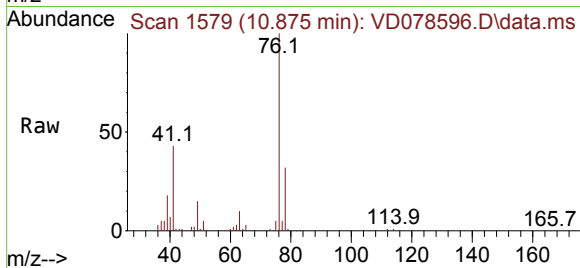
VSTDCCC050EC

Tgt Ion: 76 Resp: 92786

Ion Ratio Lower Upper

76 100

78 31.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 303.671 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078596.D

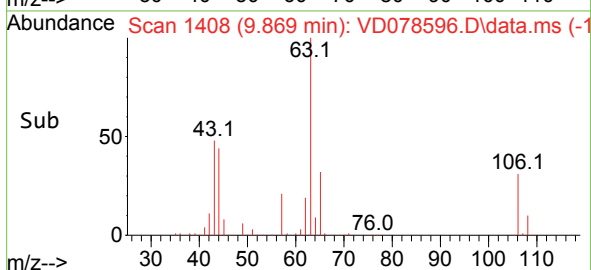
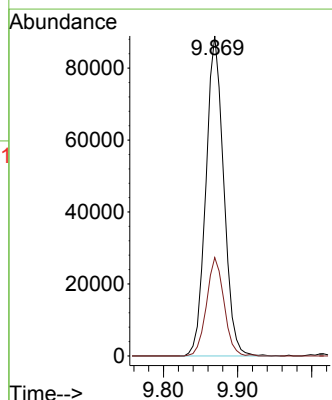
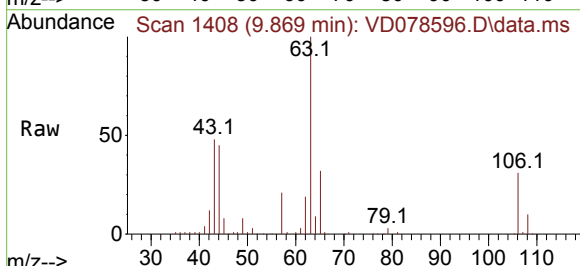
Acq: 04 Mar 2024 19:25

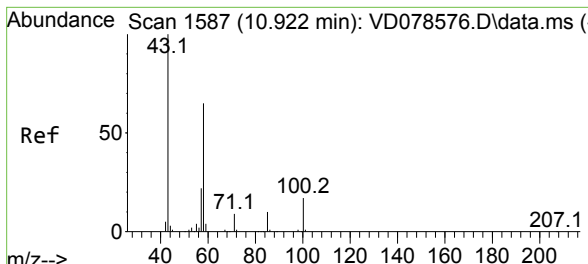
Tgt Ion: 63 Resp: 148450

Ion Ratio Lower Upper

63 100

106 30.2 25.3 37.9

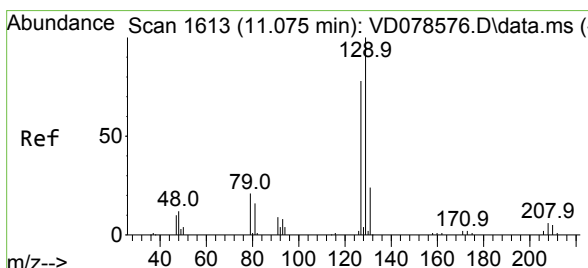
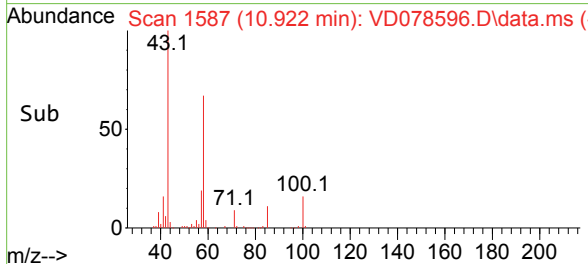
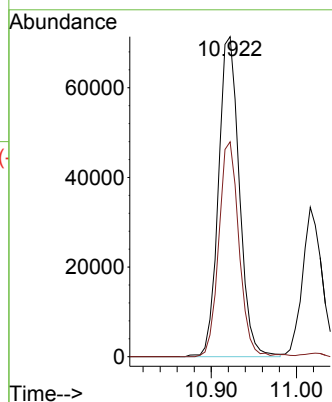
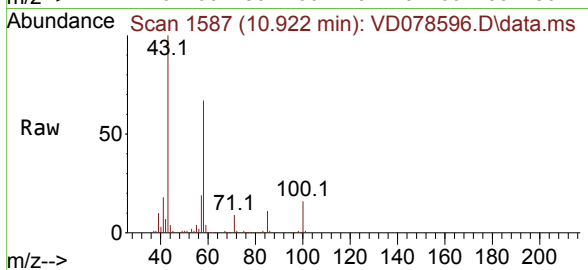




#59
2-Hexanone
Concen: 266.876 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

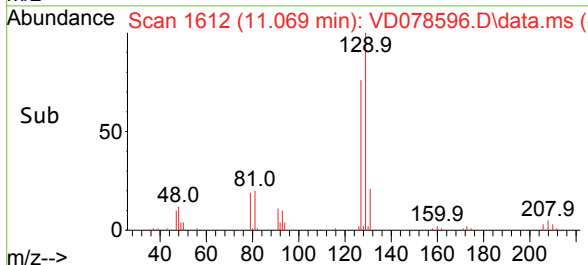
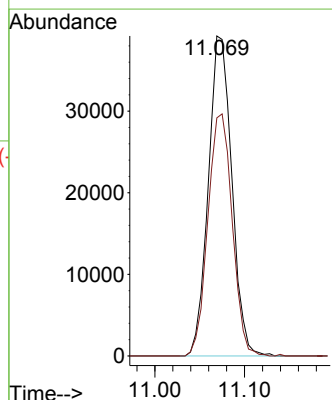
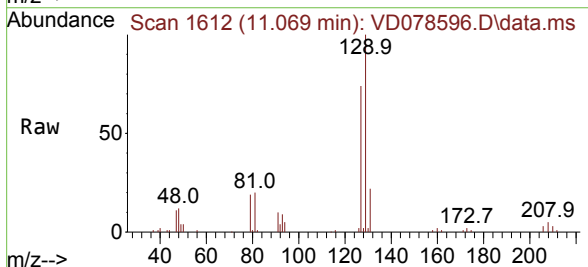
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

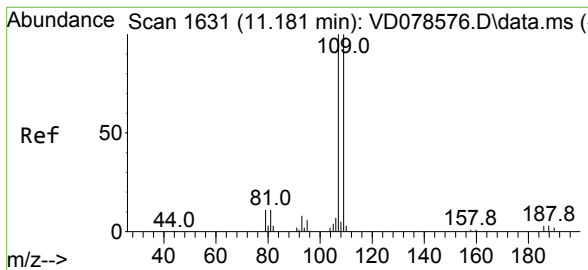
Tgt Ion: 43 Resp: 121460
Ion Ratio Lower Upper
43 100
58 64.9 34.1 102.2



#60
Dibromochloromethane
Concen: 53.352 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion: 129 Resp: 71256
Ion Ratio Lower Upper
129 100
127 78.4 37.1 111.5

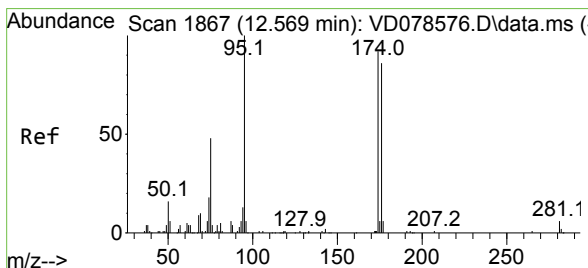
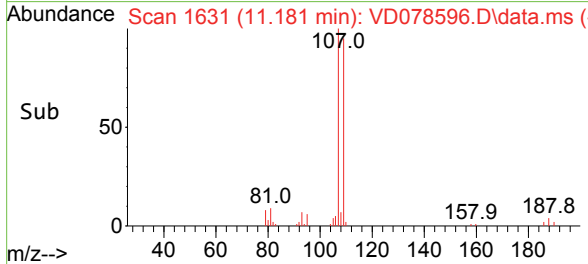
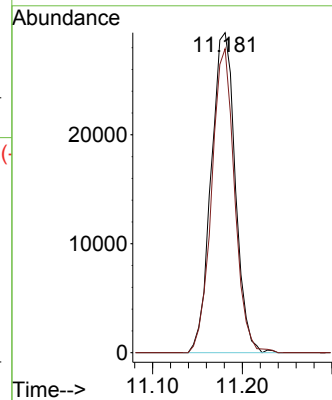
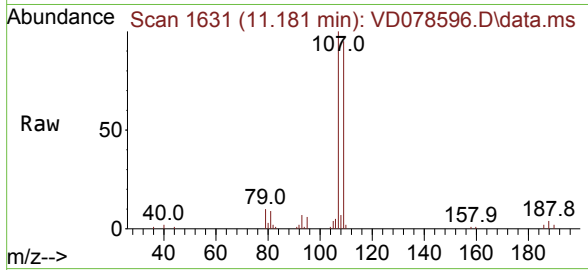




#61
1,2-Dibromoethane
Concen: 53.967 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

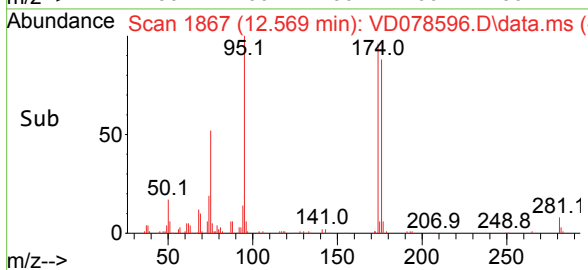
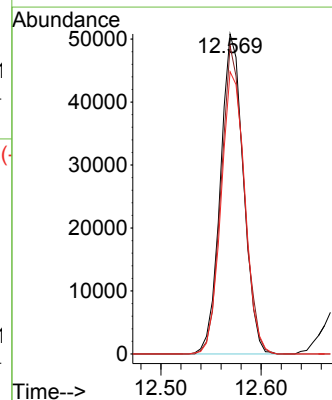
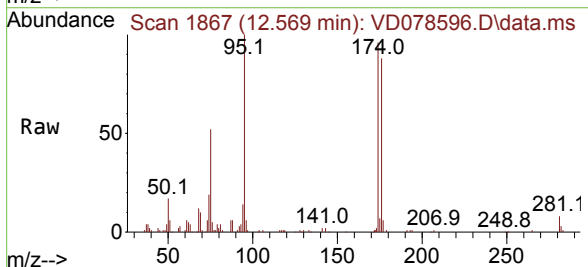
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

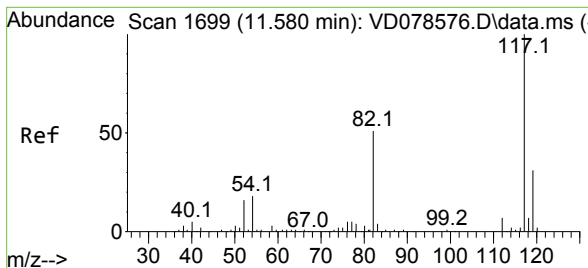
Tgt Ion:107 Resp: 54783
Ion Ratio Lower Upper
107 100
109 90.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.741 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion: 95 Resp: 80952
Ion Ratio Lower Upper
95 100
174 95.1 0.0 201.8
176 91.1 0.0 191.8

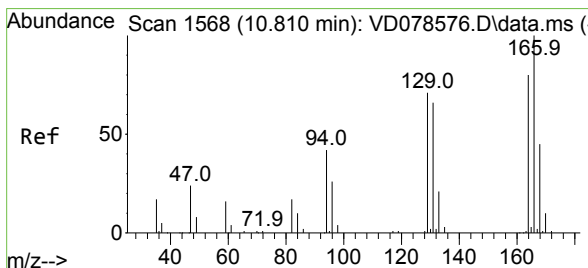
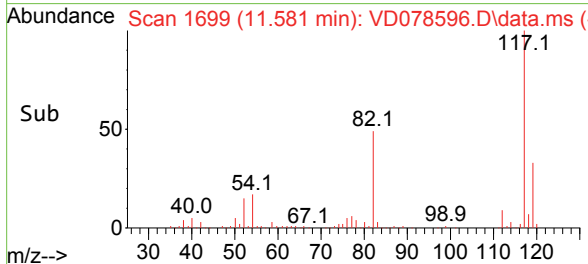
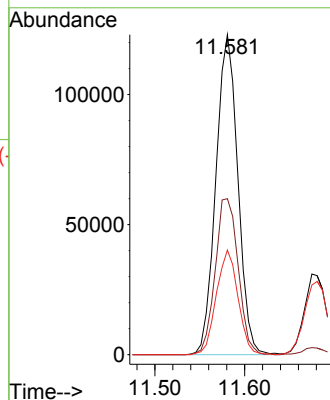
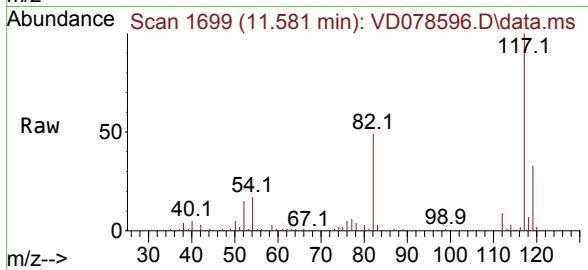




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

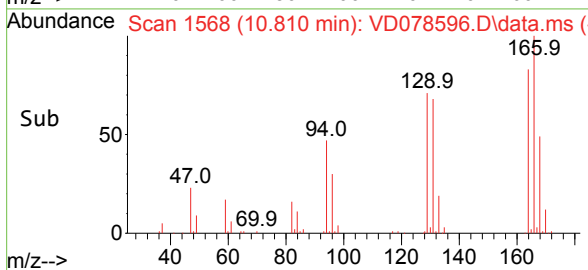
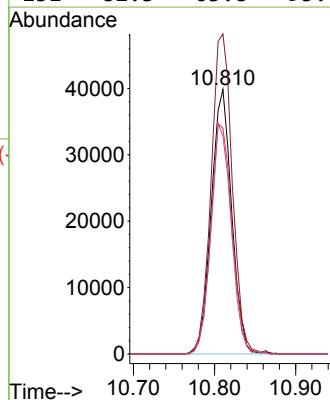
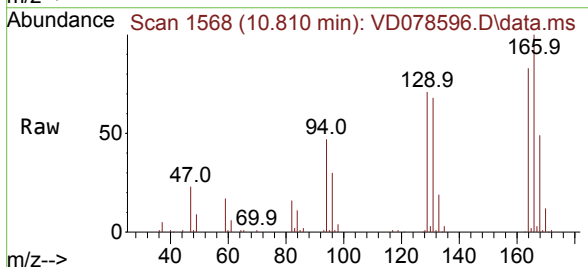
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

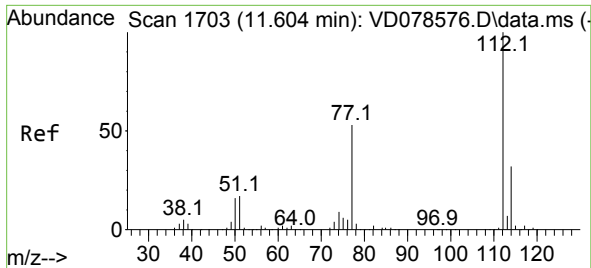
Tgt Ion:117 Resp: 209382
Ion Ratio Lower Upper
117 100
82 48.7 38.3 57.5
119 32.7 25.0 37.4



#64
Tetrachloroethene
Concen: 52.982 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion:164 Resp: 69800
Ion Ratio Lower Upper
164 100
166 121.0 99.2 148.8
129 85.3 68.4 102.6
131 82.3 63.8 95.8

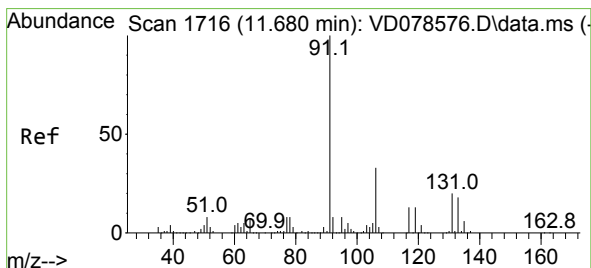
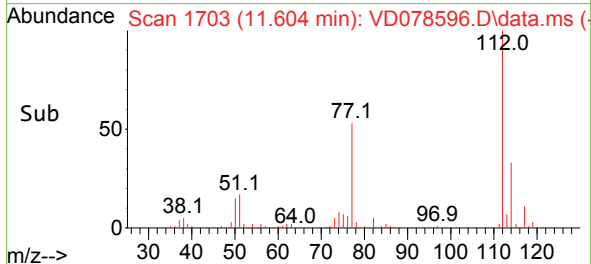
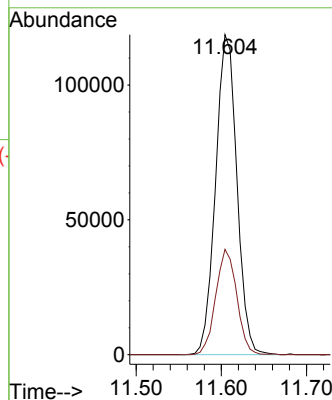
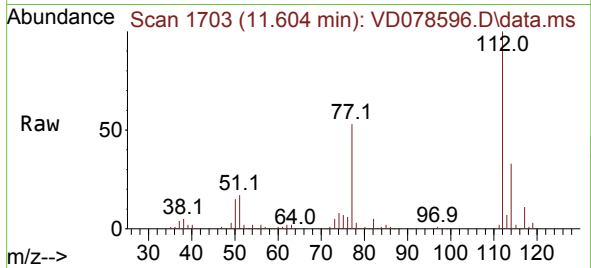




#65
Chlorobenzene
Concen: 49.991 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

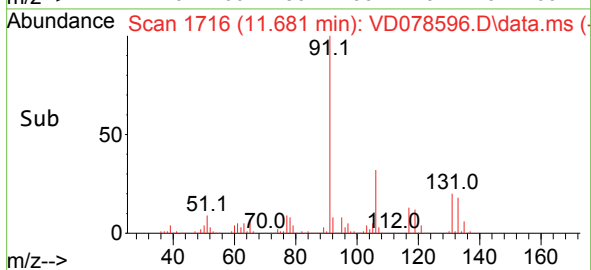
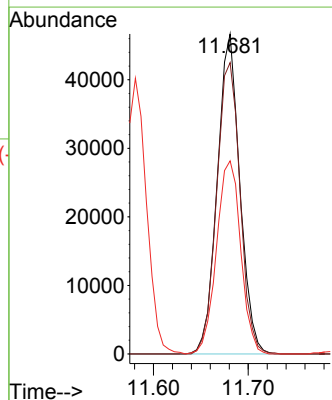
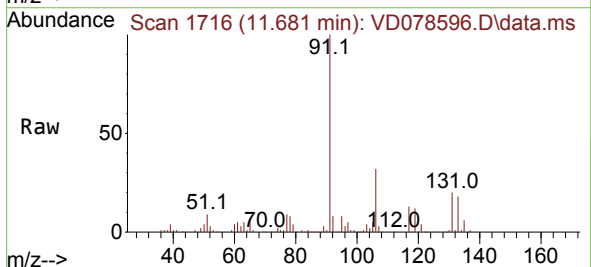
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

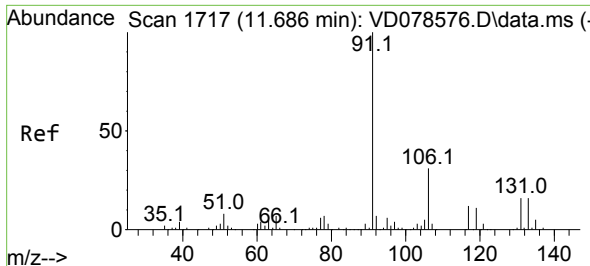
Tgt Ion:112 Resp: 206125
Ion Ratio Lower Upper
112 100
114 32.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.442 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion:131 Resp: 77429
Ion Ratio Lower Upper
131 100
133 94.2 48.5 145.5
119 64.5 35.6 106.9

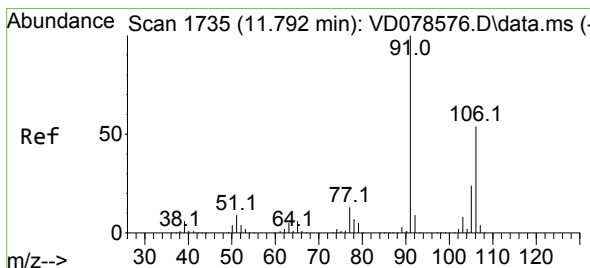
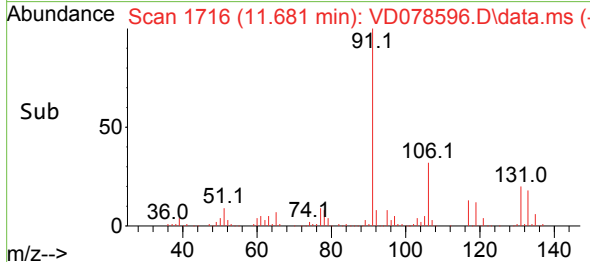
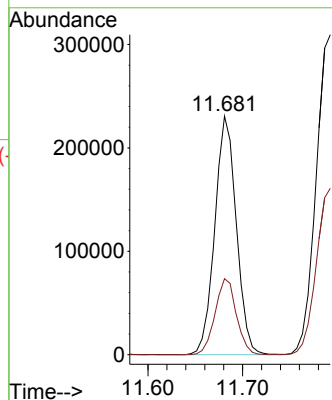
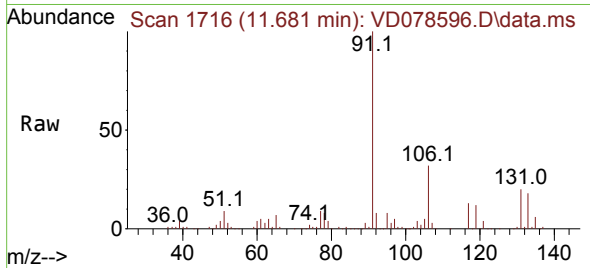




#67
Ethyl Benzene
Concen: 50.957 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

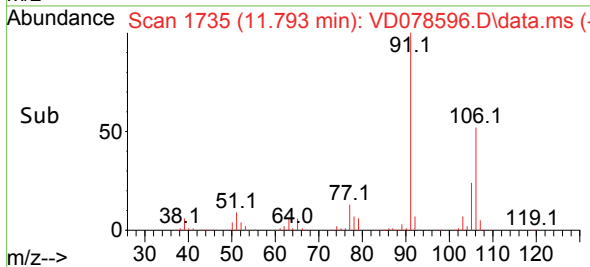
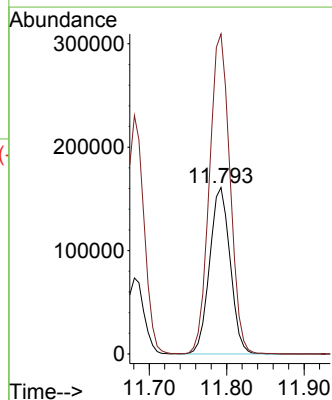
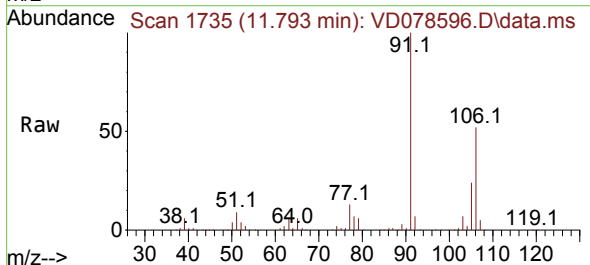
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

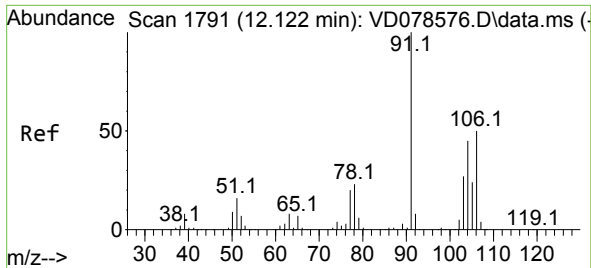
Tgt Ion: 91 Resp: 364055
Ion Ratio Lower Upper
91 100
106 31.8 26.5 39.7



#68
m/p-Xylenes
Concen: 102.723 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion: 106 Resp: 296903
Ion Ratio Lower Upper
106 100
91 192.8 147.0 220.6

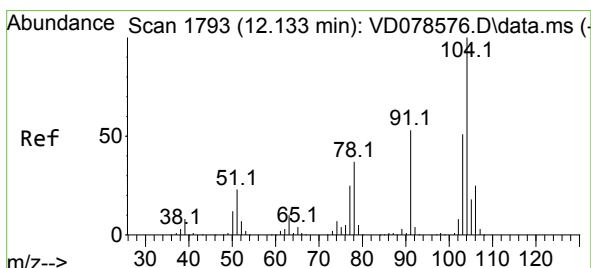
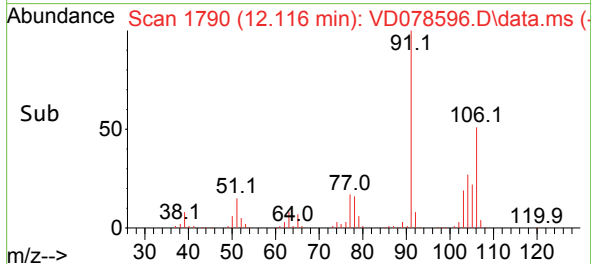
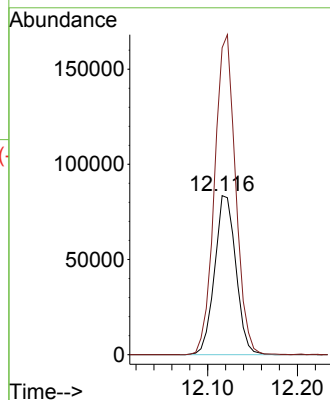
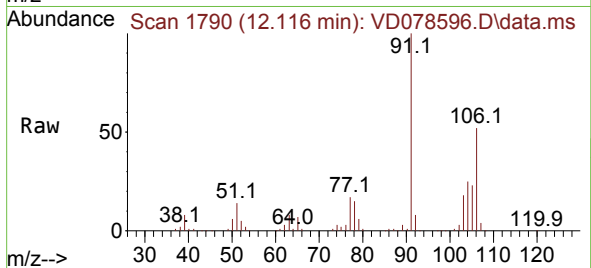




#69
o-Xylene
Concen: 52.412 ug/l
RT: 12.116 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

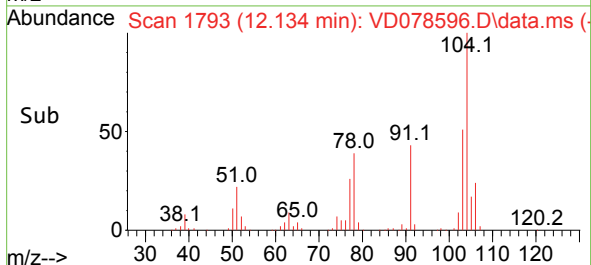
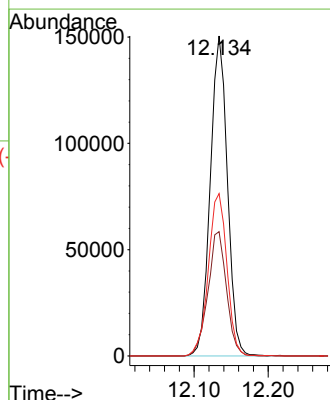
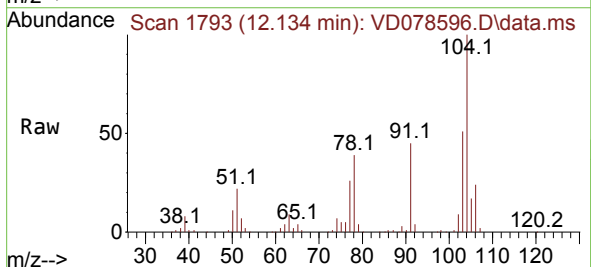
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

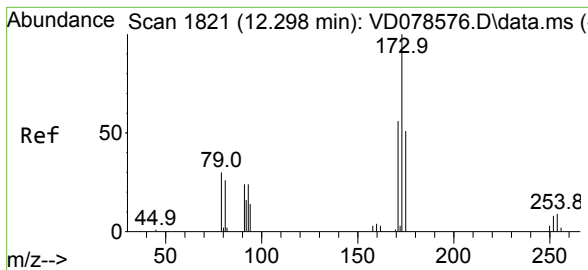
Tgt Ion:106 Resp: 137427
Ion Ratio Lower Upper
106 100
91 199.1 97.9 293.6



#70
Styrene
Concen: 53.213 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion:104 Resp: 241849
Ion Ratio Lower Upper
104 100
78 42.1 33.2 49.8
103 55.1 43.6 65.4

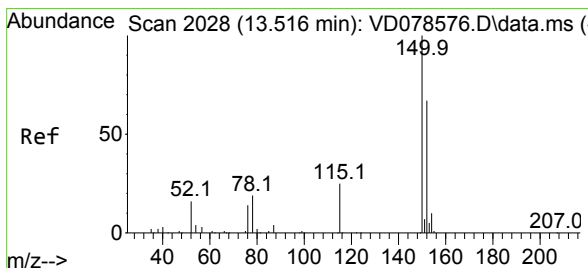
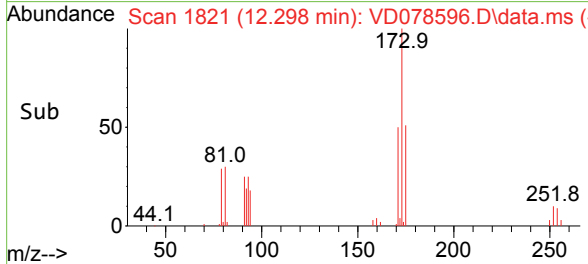
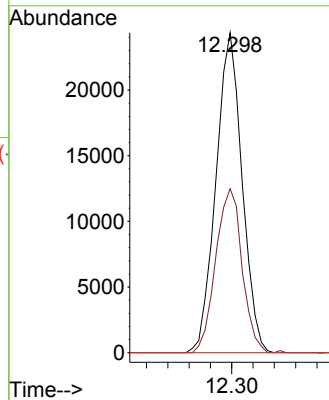
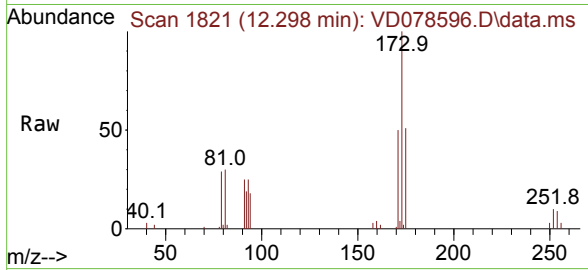




#71
Bromoform
Concen: 50.740 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

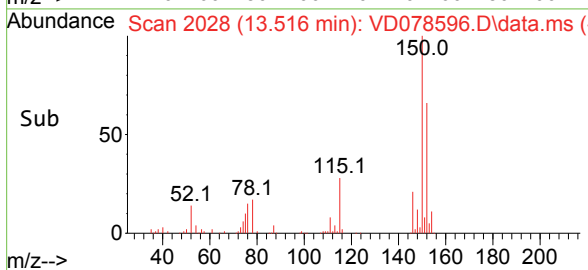
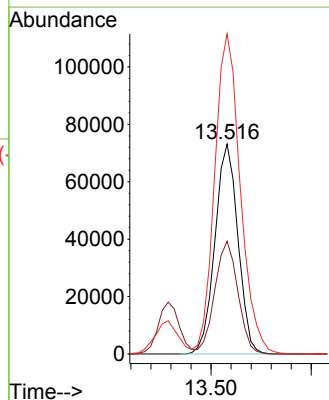
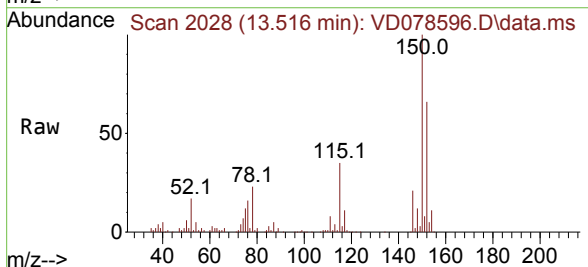
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

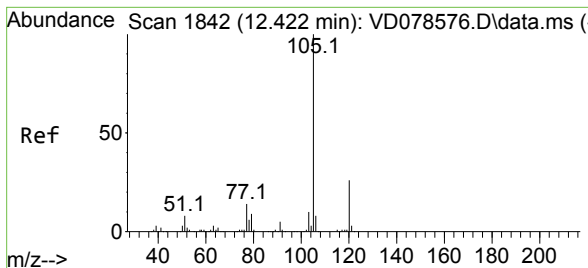
Tgt Ion:173 Resp: 41435
Ion Ratio Lower Upper
173 100
175 51.5 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion:152 Resp: 116115
Ion Ratio Lower Upper
152 100
115 53.9 27.1 81.3
150 170.4 0.0 353.6





#73

Isopropylbenzene

Concen: 47.598 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

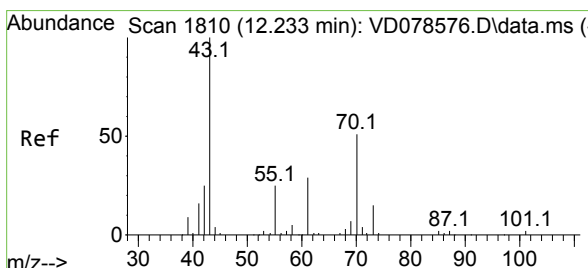
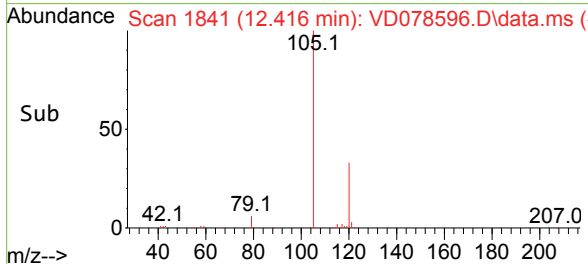
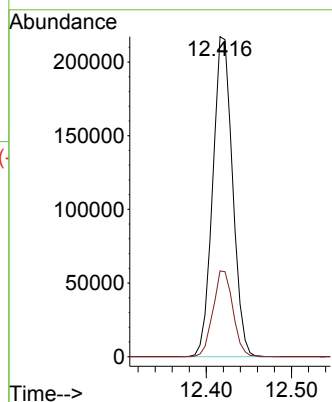
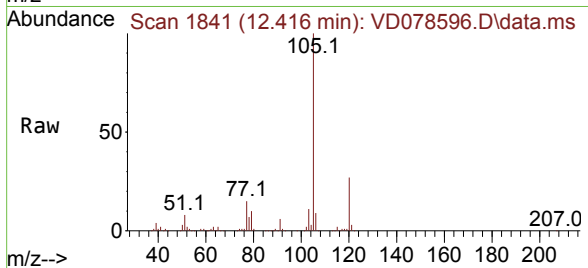
VSTDCCC050EC

Tgt Ion:105 Resp: 350349

Ion Ratio Lower Upper

105 100

120 26.9 14.3 42.9



#74

N-ethyl acetate

Concen: 49.667 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Tgt Ion: 43 Resp: 61531

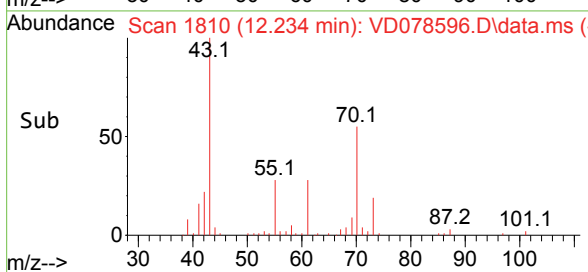
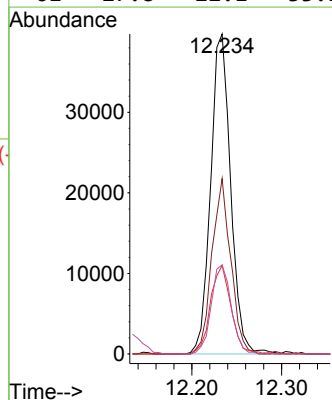
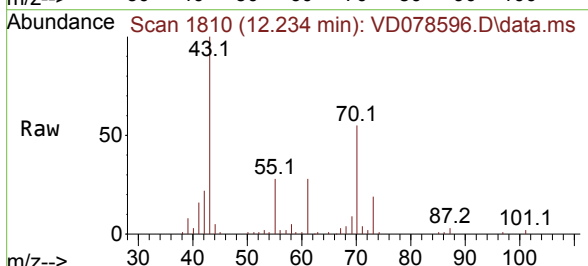
Ion Ratio Lower Upper

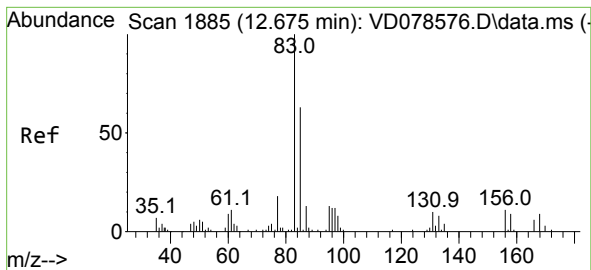
43 100

70 51.5 45.0 67.4

55 28.5 23.8 35.6

61 27.8 22.1 33.1

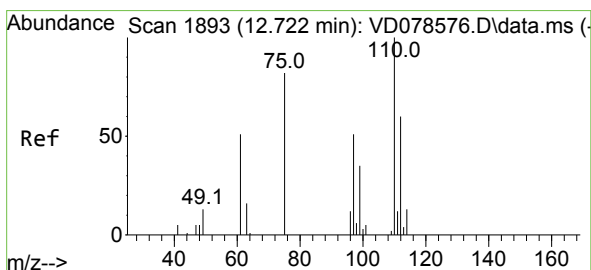
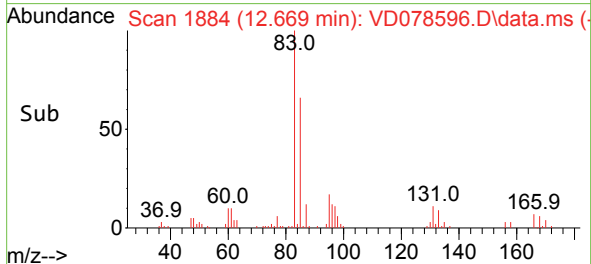
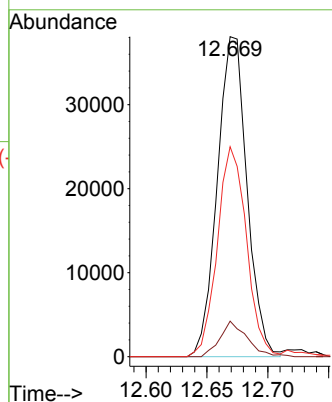
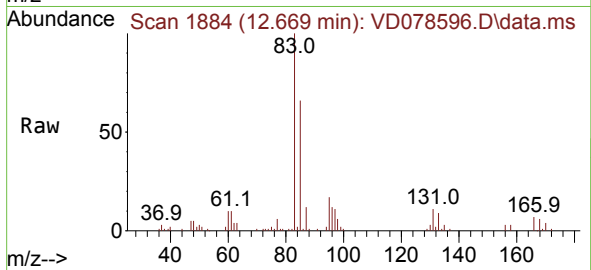




#75
1,1,2,2-Tetrachloroethane
Concen: 45.887 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

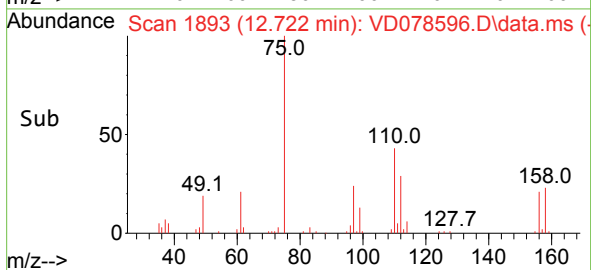
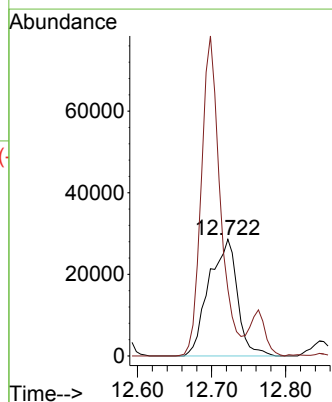
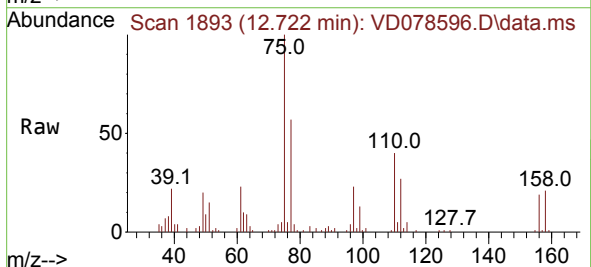
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

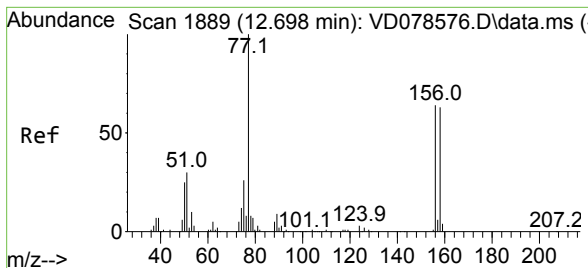
Tgt Ion: 83 Resp: 64703
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 64.3 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 86.086 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion: 75 Resp: 76343
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.097 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

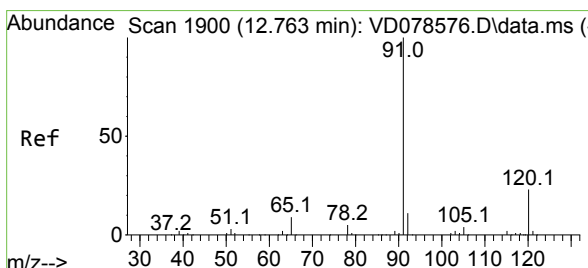
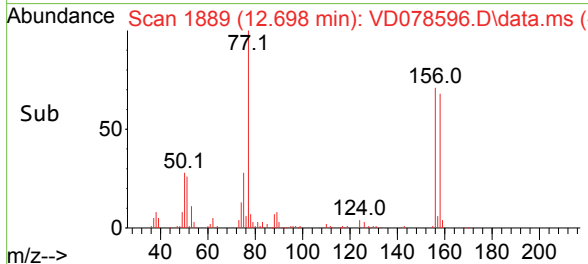
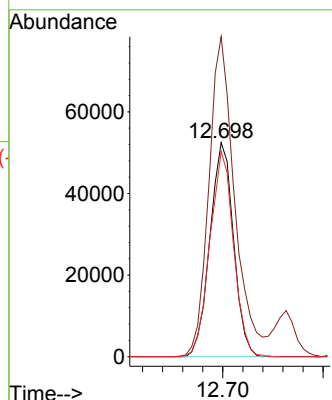
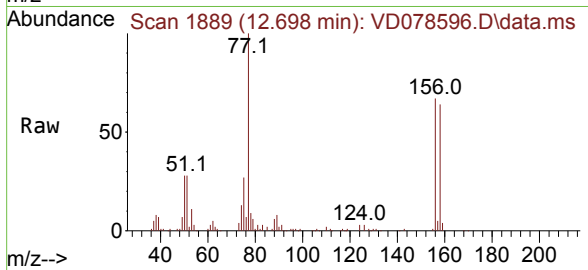
Tgt Ion:156 Resp: 85618

Ion Ratio Lower Upper

156 100

77 162.8 76.8 230.4

158 96.4 48.6 145.9



#78

n-propylbenzene

Concen: 48.619 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078596.D

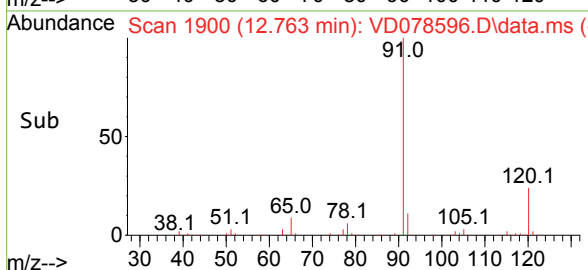
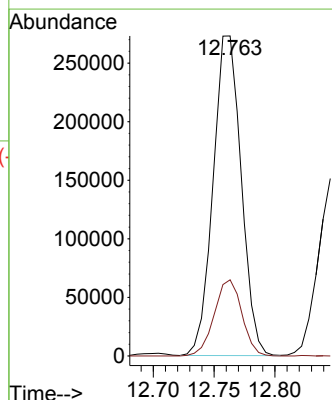
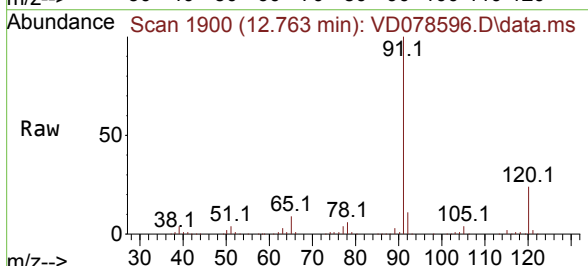
Acq: 04 Mar 2024 19:25

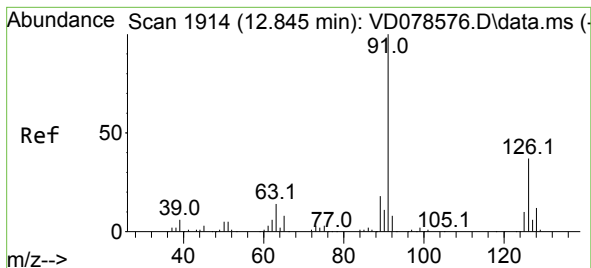
Tgt Ion: 91 Resp: 437736

Ion Ratio Lower Upper

91 100

120 23.4 12.4 37.2





#79

2-Chlorotoluene

Concen: 48.495 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

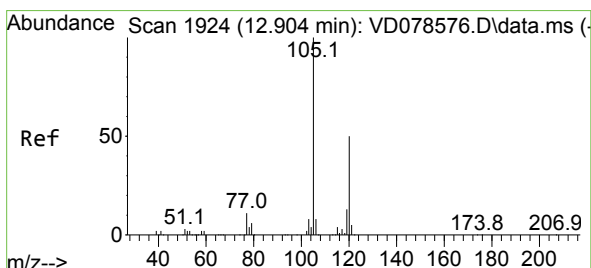
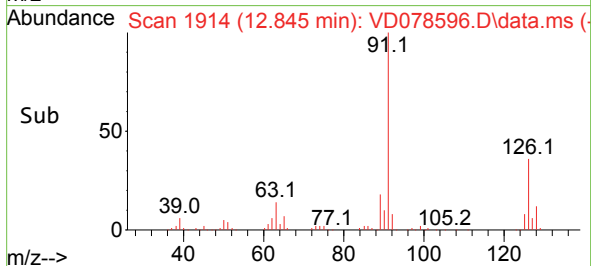
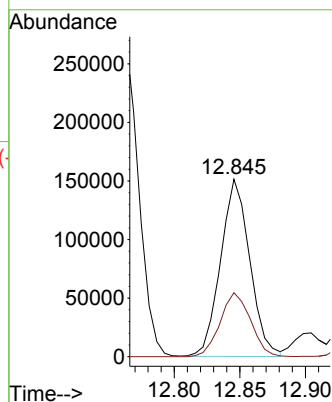
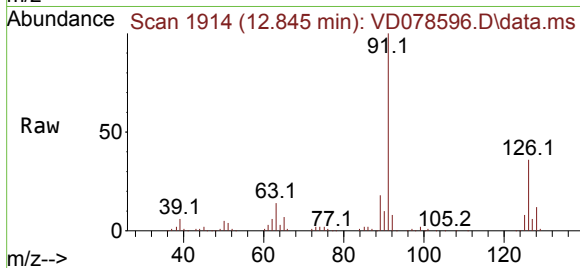
VSTDCCC050EC

Tgt Ion: 91 Resp: 234297

Ion Ratio Lower Upper

91 100

126 37.6 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 50.098 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VD078596.D

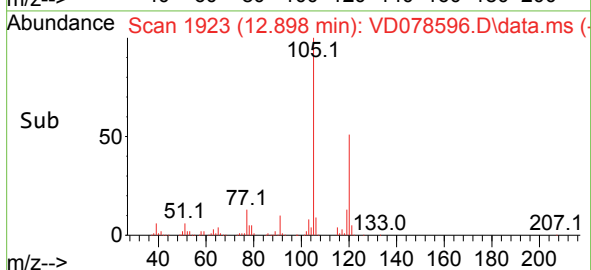
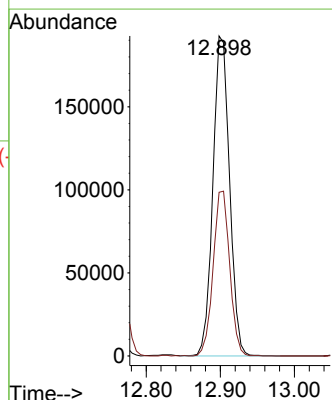
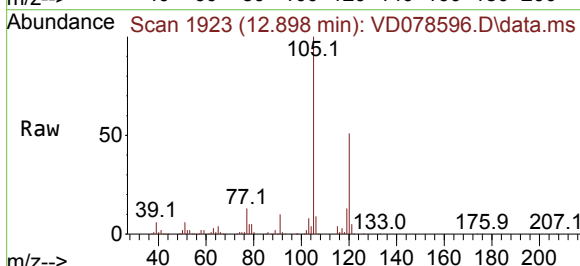
Acq: 04 Mar 2024 19:25

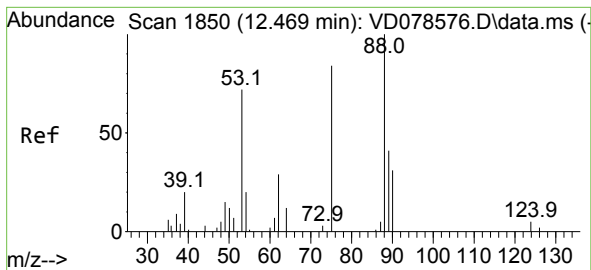
Tgt Ion: 105 Resp: 300060

Ion Ratio Lower Upper

105 100

120 51.3 26.4 79.2

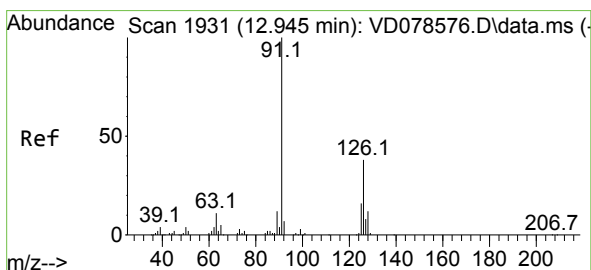
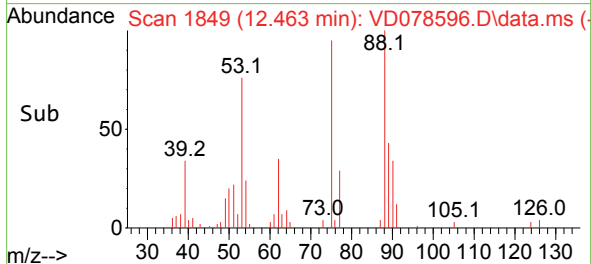
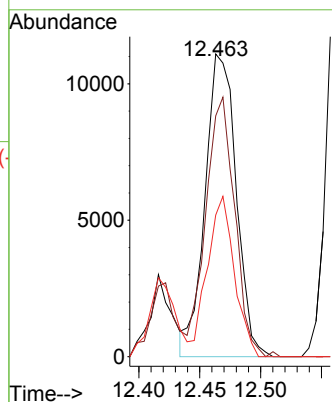
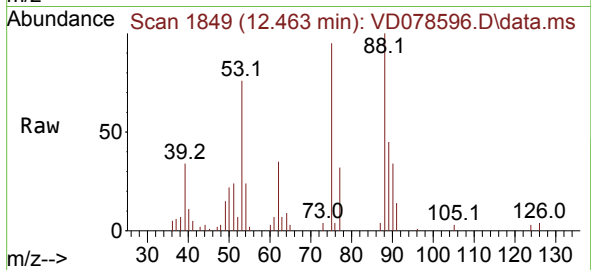




#81
trans-1,4-Dichloro-2-butene
Concen: 47.599 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

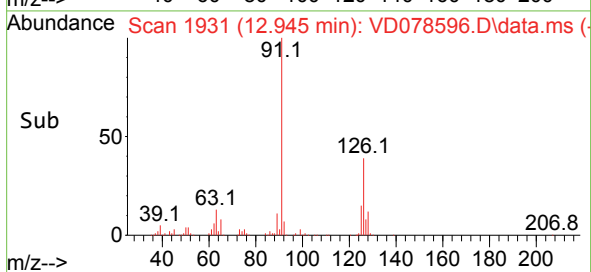
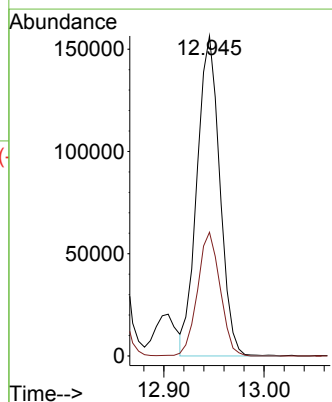
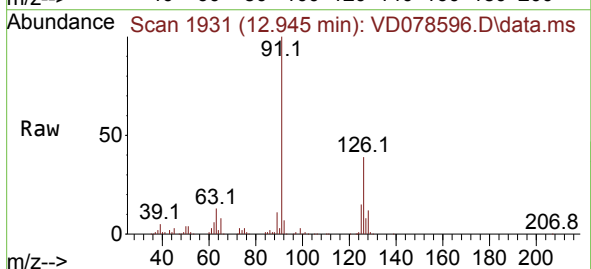
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

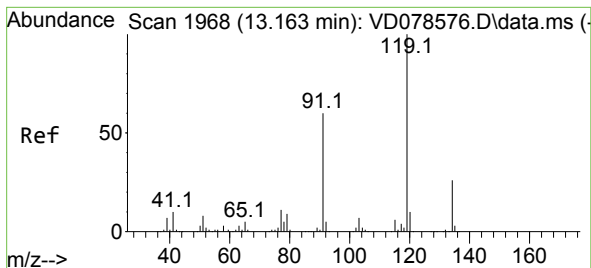
Tgt Ion: 75 Resp: 19721
Ion Ratio Lower Upper
75 100
53 79.6 63.0 94.4
89 46.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 47.984 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion: 91 Resp: 247063
Ion Ratio Lower Upper
91 100
126 38.3 19.4 58.4





#83

tert-Butylbenzene

Concen: 47.546 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

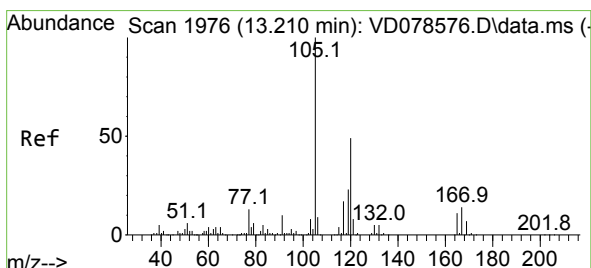
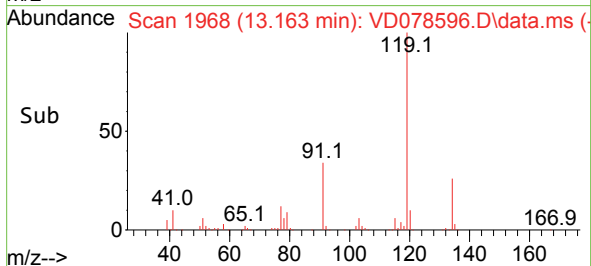
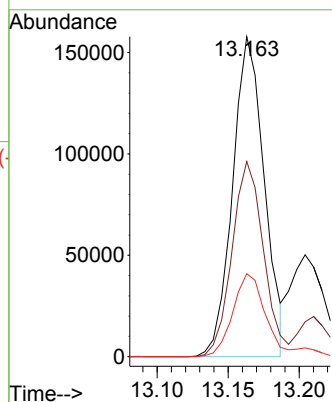
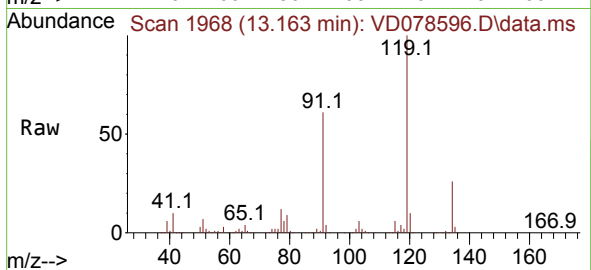
Tgt Ion:119 Resp: 245207

Ion Ratio Lower Upper

119 100

91 60.8 29.3 87.8

134 28.3 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 50.266 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078596.D

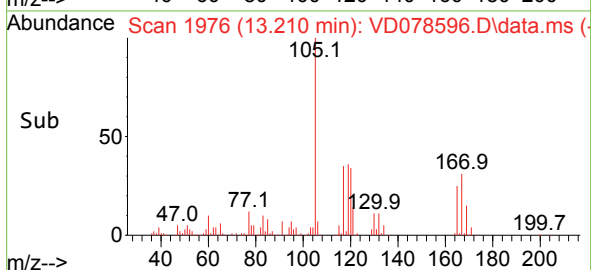
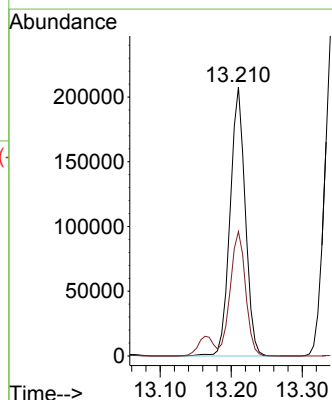
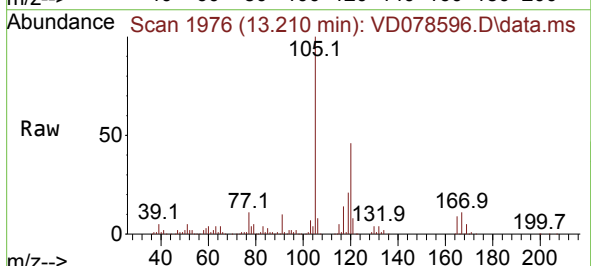
Acq: 04 Mar 2024 19:25

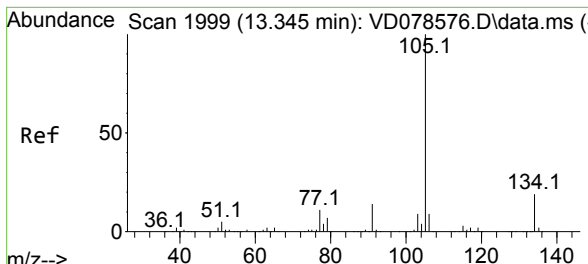
Tgt Ion:105 Resp: 307725

Ion Ratio Lower Upper

105 100

120 46.8 24.3 72.9

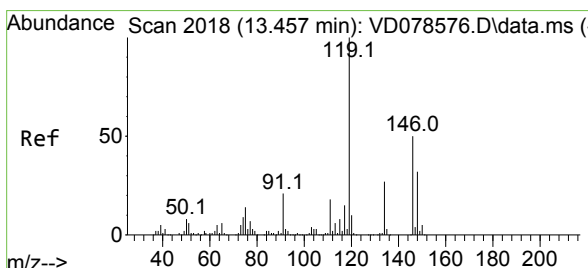
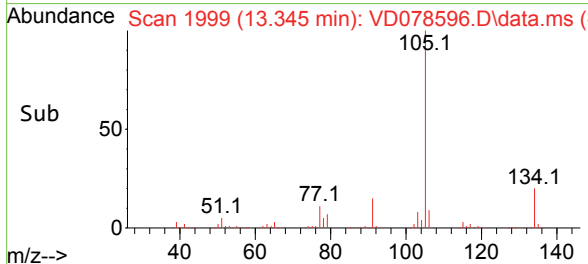
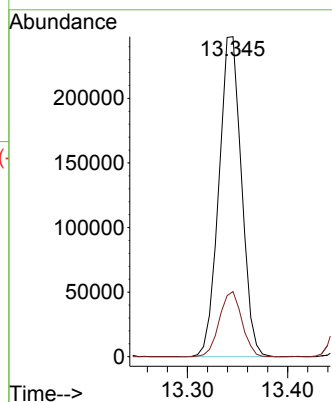
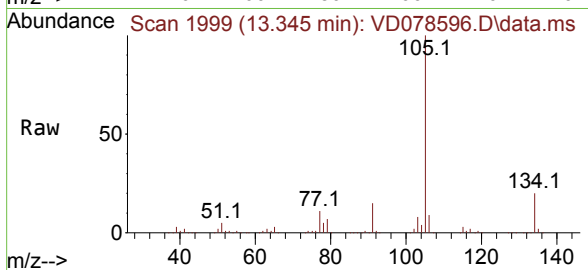




#85
 sec-Butylbenzene
 Concen: 48.151 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078596.D
 Acq: 04 Mar 2024 19:25

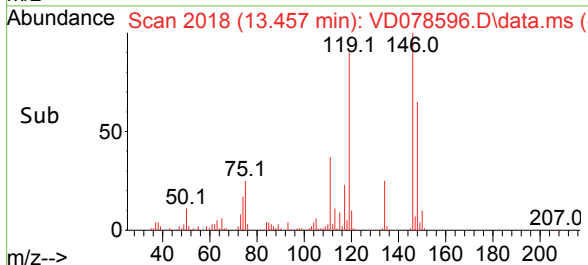
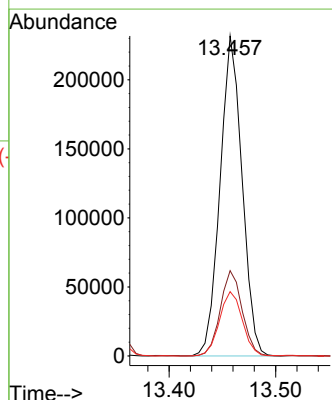
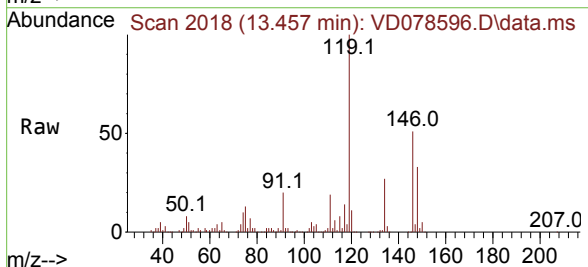
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

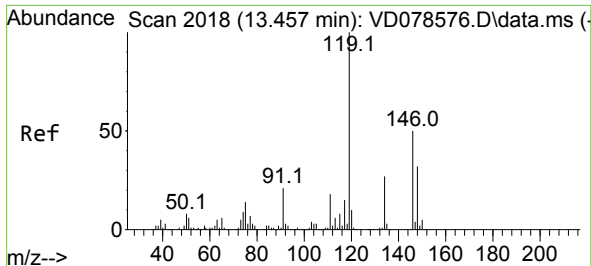
Tgt Ion:105 Resp: 387401
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 49.127 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078596.D
 Acq: 04 Mar 2024 19:25

Tgt Ion:119 Resp: 332736
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 21.0 10.5 31.5

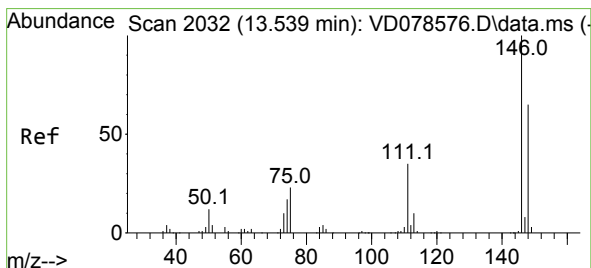
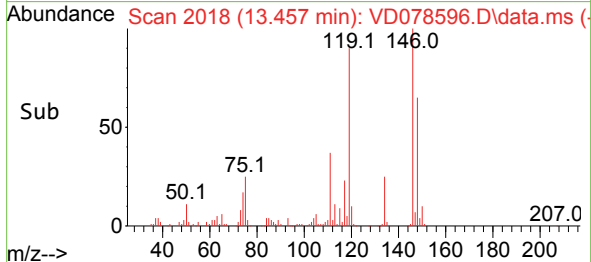
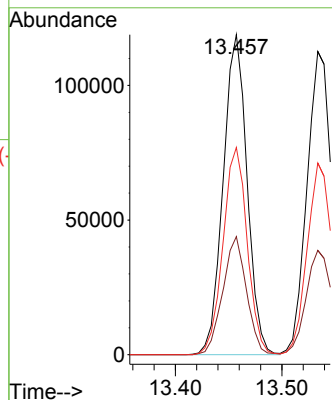
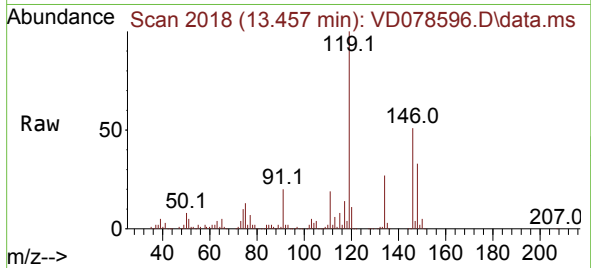




#87
1,3-Dichlorobenzene
Concen: 48.717 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

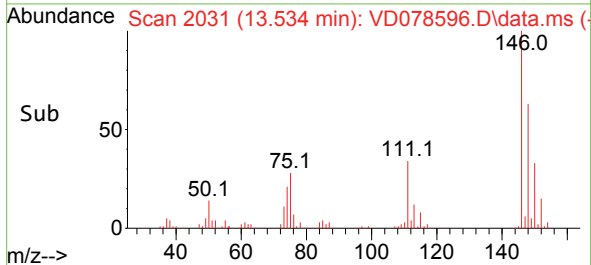
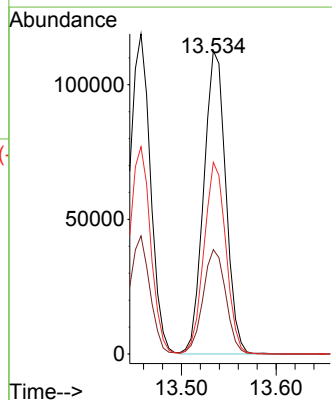
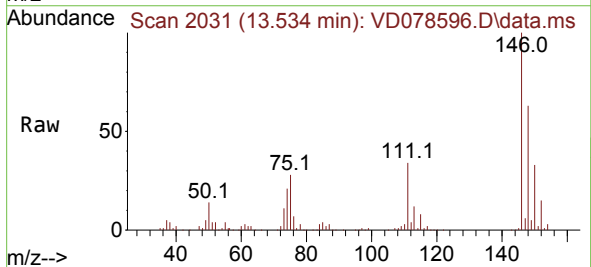
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

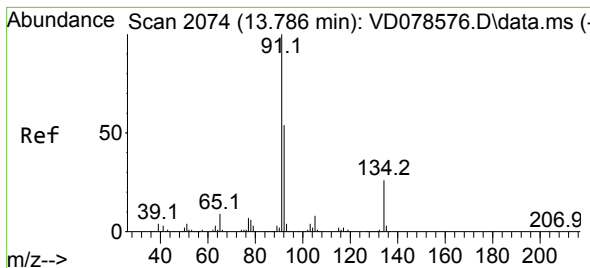
Tgt Ion:146 Resp: 185297
Ion Ratio Lower Upper
146 100
111 36.6 17.9 53.8
148 65.5 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 47.860 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078596.D
Acq: 04 Mar 2024 19:25

Tgt Ion:146 Resp: 182381
Ion Ratio Lower Upper
146 100
111 35.6 17.4 52.3
148 62.8 31.7 95.1





#89

n-Butylbenzene

Concen: 48.356 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

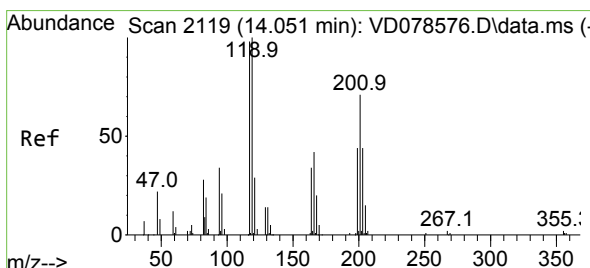
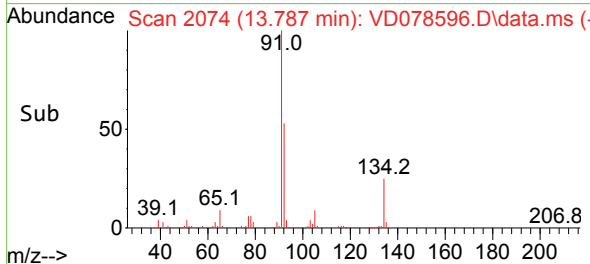
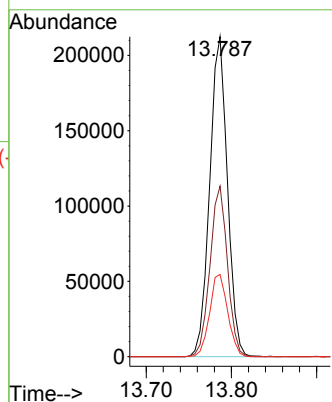
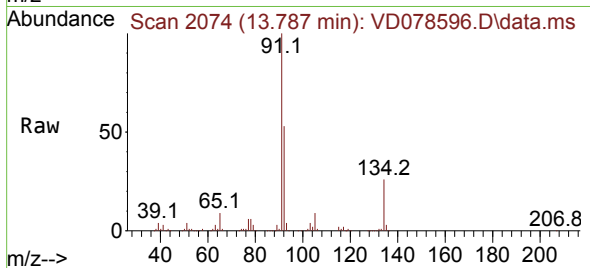
Tgt Ion: 91 Resp: 306068

Ion Ratio Lower Upper

91 100

92 52.6 26.5 79.5

134 26.3 13.8 41.3



#90

Hexachloroethane

Concen: 47.624 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078596.D

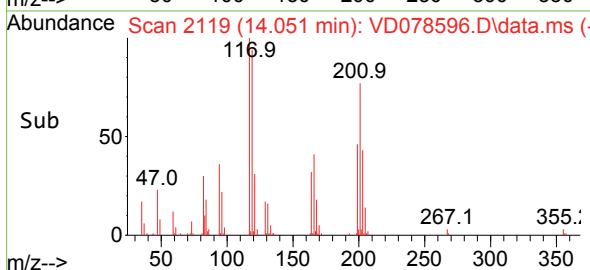
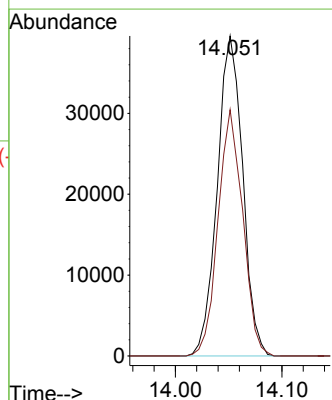
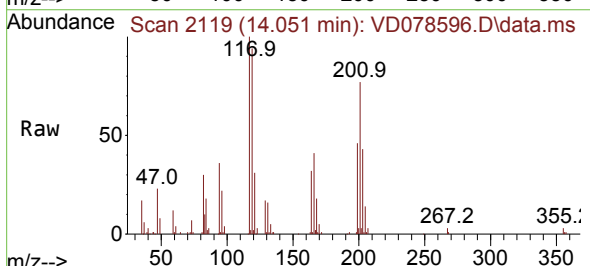
Acq: 04 Mar 2024 19:25

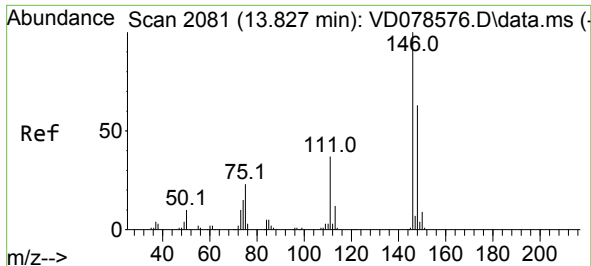
Tgt Ion: 117 Resp: 65586

Ion Ratio Lower Upper

117 100

201 74.7 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 48.430 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

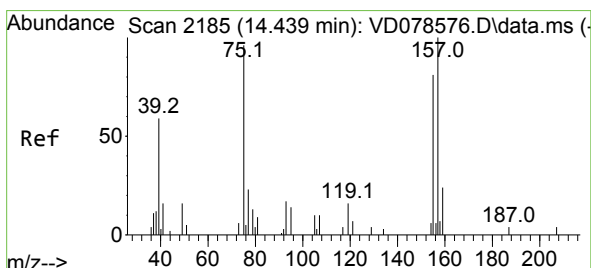
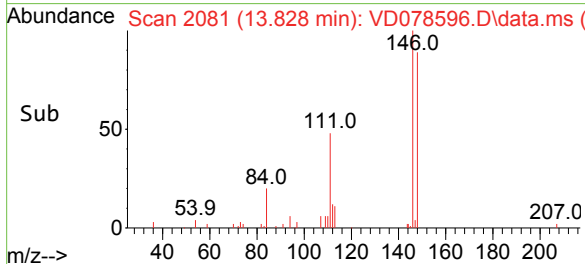
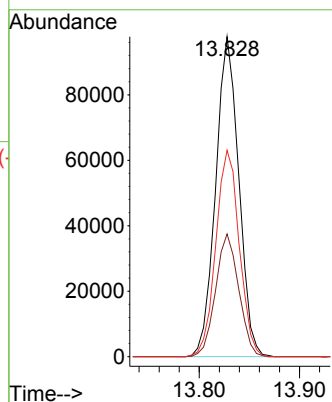
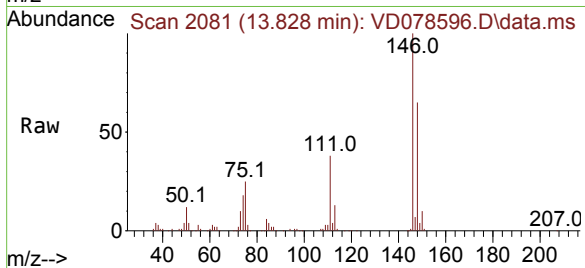
Tgt Ion:146 Resp: 156473

Ion Ratio Lower Upper

146 100

111 38.4 18.3 54.8

148 65.4 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.742 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.006 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

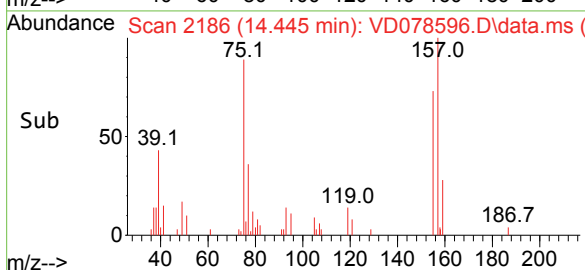
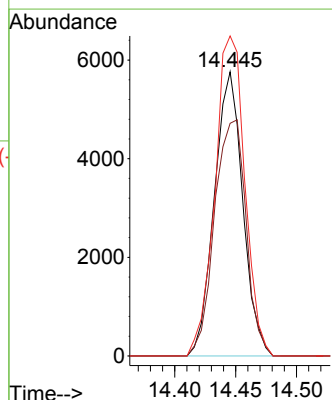
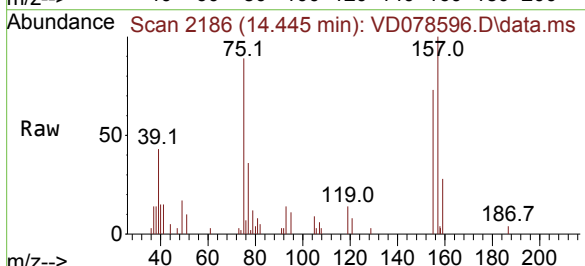
Tgt Ion: 75 Resp: 9349

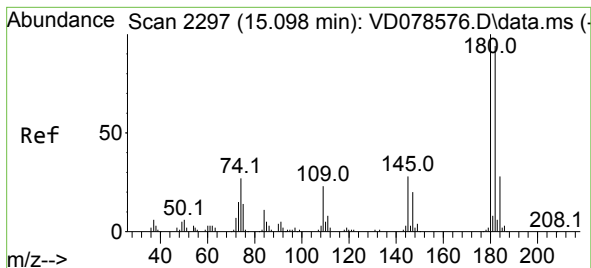
Ion Ratio Lower Upper

75 100

155 92.1 47.9 143.8

157 118.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 46.990 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

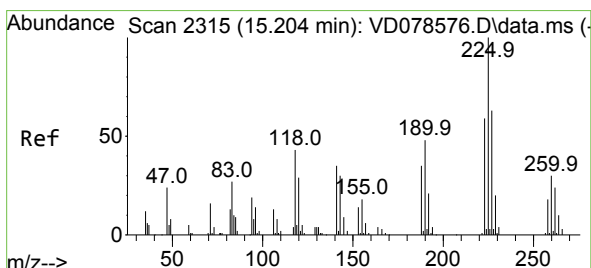
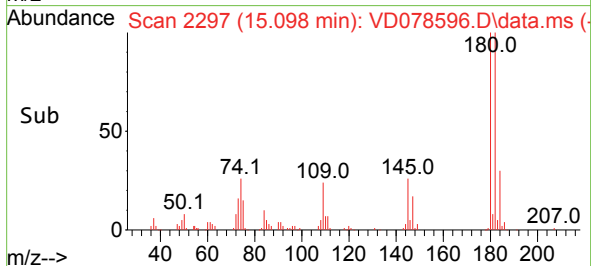
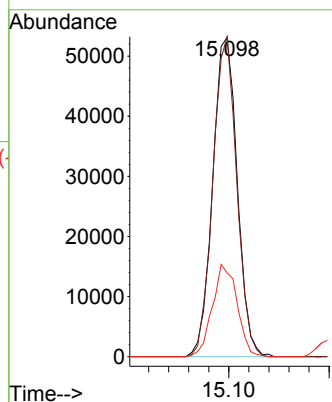
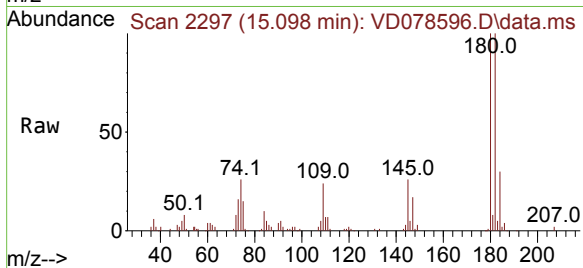
Tgt Ion:180 Resp: 89900

Ion Ratio Lower Upper

180 100

182 97.2 48.5 145.6

145 29.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 44.227 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

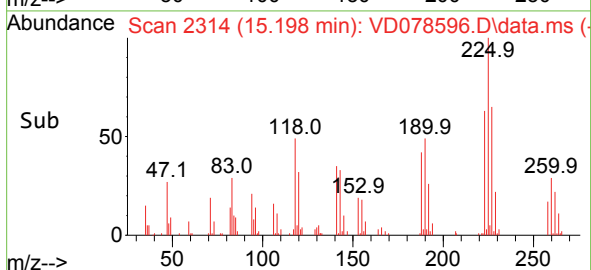
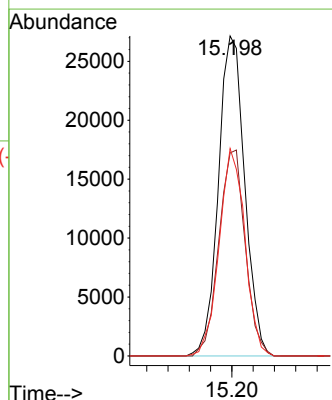
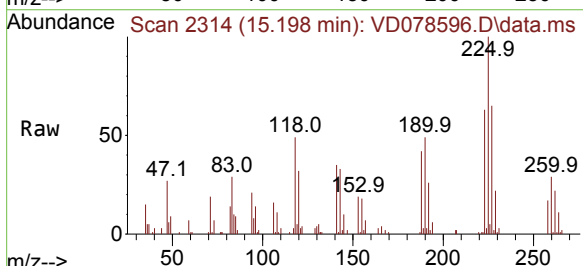
Tgt Ion:225 Resp: 46556

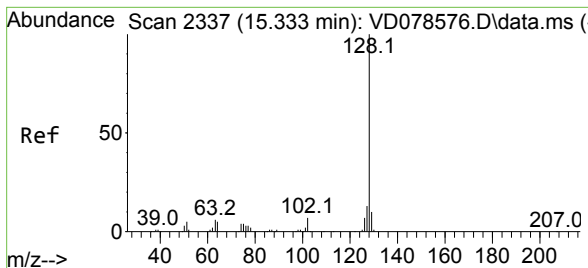
Ion Ratio Lower Upper

225 100

223 64.4 31.6 94.8

227 63.2 31.7 95.1





#95

Naphthalene

Concen: 49.743 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

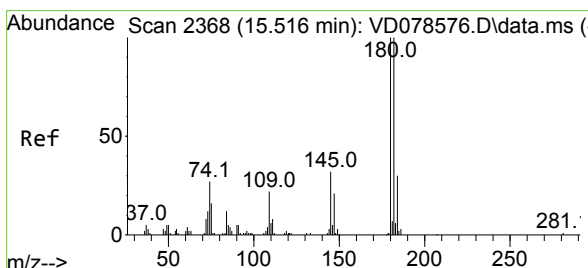
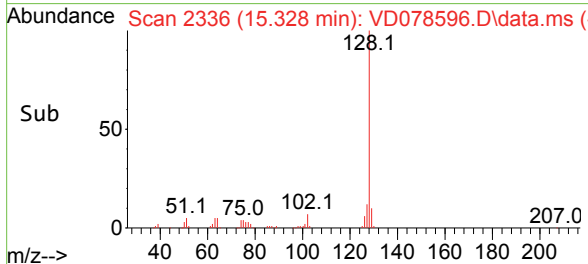
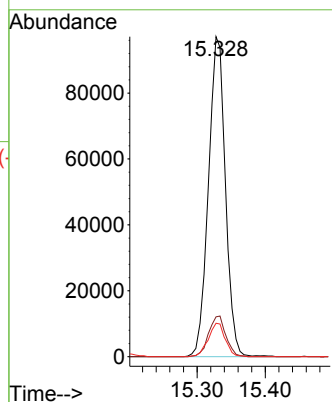
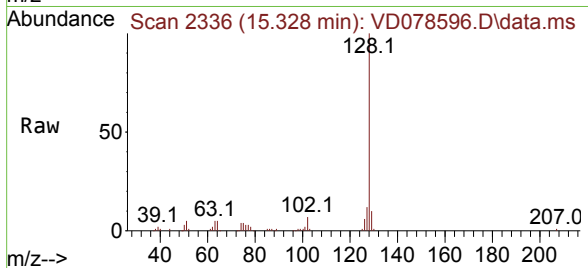
Tgt Ion:128 Resp: 168165

Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

129 10.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.006 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.006 min

Lab File: VD078596.D

Acq: 04 Mar 2024 19:25

Tgt Ion:180 Resp: 83266

Ion Ratio Lower Upper

180 100

182 91.8 47.3 141.9

145 29.5 15.1 45.3

