

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021924\
 Data File : VD078471.D
 Acq On : 19 Feb 2024 18:41
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 19 23:51:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	124978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	218101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	215332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	108762	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72200	53.429	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.860%	
35) Dibromofluoromethane	7.805	113	78892	56.945	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.880%	
50) Toluene-d8	10.269	98	296178	53.442	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.880%	
62) 4-Bromofluorobenzene	12.569	95	89636	55.579	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.160%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	54845	44.539	ug/l	93
3) Chloromethane	2.152	50	111876	49.437	ug/l	98
4) Vinyl Chloride	2.281	62	162370	47.020	ug/l	99
5) Bromomethane	2.687	94	112435	47.171	ug/l	98
6) Chloroethane	2.828	64	117362	46.608	ug/l	99
7) Trichlorofluoromethane	3.170	101	99502	42.715	ug/l	96
8) Diethyl Ether	3.599	74	33601	50.079	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.964	101	60383	41.090	ug/l	98
10) Methyl Iodide	4.164	142	63583	48.308	ug/l	91
11) Tert butyl alcohol	5.064	59	20118	275.257	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	60535	44.432	ug/l	93
13) Acrolein	3.793	56	29232	234.158	ug/l	100
14) Allyl chloride	4.564	41	73008	43.377	ug/l	93
15) Acrylonitrile	5.258	53	72159	251.229	ug/l	99
16) Acetone	4.028	43	57365	216.405	ug/l	90
17) Carbon Disulfide	4.269	76	183224	39.967	ug/l	99
18) Methyl Acetate	4.564	43	59074	59.330	ug/l	93
19) Methyl tert-butyl Ether	5.316	73	148466	51.290	ug/l	99
20) Methylene Chloride	4.799	84	82664	54.265	ug/l #	86
21) trans-1,2-Dichloroethene	5.311	96	73383	45.785	ug/l	98
22) Diisopropyl ether	6.216	45	174873	47.140	ug/l	98
23) Vinyl Acetate	6.158	43	418572	276.806	ug/l #	92
24) 1,1-Dichloroethane	6.111	63	119889	45.621	ug/l	95
25) 2-Butanone	7.081	43	86482	252.770	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	93613	42.493	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	84032	47.787	ug/l	99
28) Bromochloromethane	7.428	49	57772	55.504	ug/l	84
29) Tetrahydrofuran	7.446	42	52828	262.875	ug/l	93
30) Chloroform	7.593	83	131006	47.117	ug/l	100
31) Cyclohexane	7.875	56	88608	38.763	ug/l	98
32) 1,1,1-Trichloroethane	7.799	97	105441	44.478	ug/l	99
36) 1,1-Dichloropropene	8.010	75	93354	43.376	ug/l	97
37) Ethyl Acetate	7.163	43	35038	46.442	ug/l	99
38) Carbon Tetrachloride	7.993	117	94016	44.110	ug/l	96
39) Methylcyclohexane	9.269	83	106205	41.567	ug/l	96
40) Benzene	8.252	78	286458	46.048	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	19586	49.883	ug/l #	91
42) 1,2-Dichloroethane	8.322	62	78067	48.500	ug/l	96
43) Isopropyl Acetate	8.363	43	69491	49.741	ug/l	93
44) Trichloroethene	9.028	130	75273	47.430	ug/l	93
45) 1,2-Dichloropropane	9.305	63	73672	48.268	ug/l	99
46) Dibromomethane	9.393	93	43479	50.645	ug/l	93
47) Bromodichloromethane	9.587	83	101200	47.592	ug/l #	97
48) Methyl methacrylate	9.375	41	40986	55.298	ug/l	86
49) 1,4-Dioxane	9.393	88	10533	1132.913	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	186573	251.621	ug/l	94
52) Toluene	10.334	92	187832	47.746	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	93768	48.328	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	114137	48.513	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	60086	51.971	ug/l	94
56) Ethyl methacrylate	10.599	69	49654	46.437	ug/l #	92
57) 1,3-Dichloropropane	10.881	76	98008	49.834	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	158707	251.979	ug/l	95
59) 2-Hexanone	10.922	43	133969	240.418	ug/l	91
60) Dibromochloromethane	11.075	129	71447	51.362	ug/l	95
61) 1,2-Dibromoethane	11.175	107	56710	52.248	ug/l	99
64) Tetrachloroethene	10.810	164	60859	44.746	ug/l	93
65) Chlorobenzene	11.604	112	199979	46.195	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	75031	47.163	ug/l	95
67) Ethyl Benzene	11.681	91	349475	45.056	ug/l	96
68) m/p-Xylenes	11.793	106	277043	91.568	ug/l	94
69) o-Xylene	12.122	106	128344	46.484	ug/l	94
70) Styrene	12.134	104	200328	44.457	ug/l	98
71) Bromoform	12.298	173	41492	49.551	ug/l #	99
73) Isopropylbenzene	12.422	105	324294	44.404	ug/l	97
74) N-amyl acetate	12.234	43	62103	44.949	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	69712	48.120	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	79058	85.620	ug/l #	100
77) Bromobenzene	12.698	156	84204	49.059	ug/l	94
78) n-propylbenzene	12.763	91	402258	44.198	ug/l	96
79) 2-Chlorotoluene	12.845	91	216044	44.320	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	272975	45.013	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	20808	46.783	ug/l	98
82) 4-Chlorotoluene	12.945	91	229458	43.828	ug/l	97
83) tert-Butylbenzene	13.163	119	226280	44.244	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	284808	46.275	ug/l	96
85) sec-Butylbenzene	13.345	105	339564	42.811	ug/l	96
86) p-Isopropyltoluene	13.457	119	304952	45.139	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	168631	46.033	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	165289	45.921	ug/l	99
89) n-Butylbenzene	13.787	91	283323	43.510	ug/l	97
90) Hexachloroethane	14.051	117	62358	44.909	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	146932	47.765	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9300	49.026	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	85752	47.433	ug/l	99
94) Hexachlorobutadiene	15.204	225	41304	43.771	ug/l	99
95) Naphthalene	15.328	128	172195	51.353	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	77455	50.553	ug/l	97

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QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

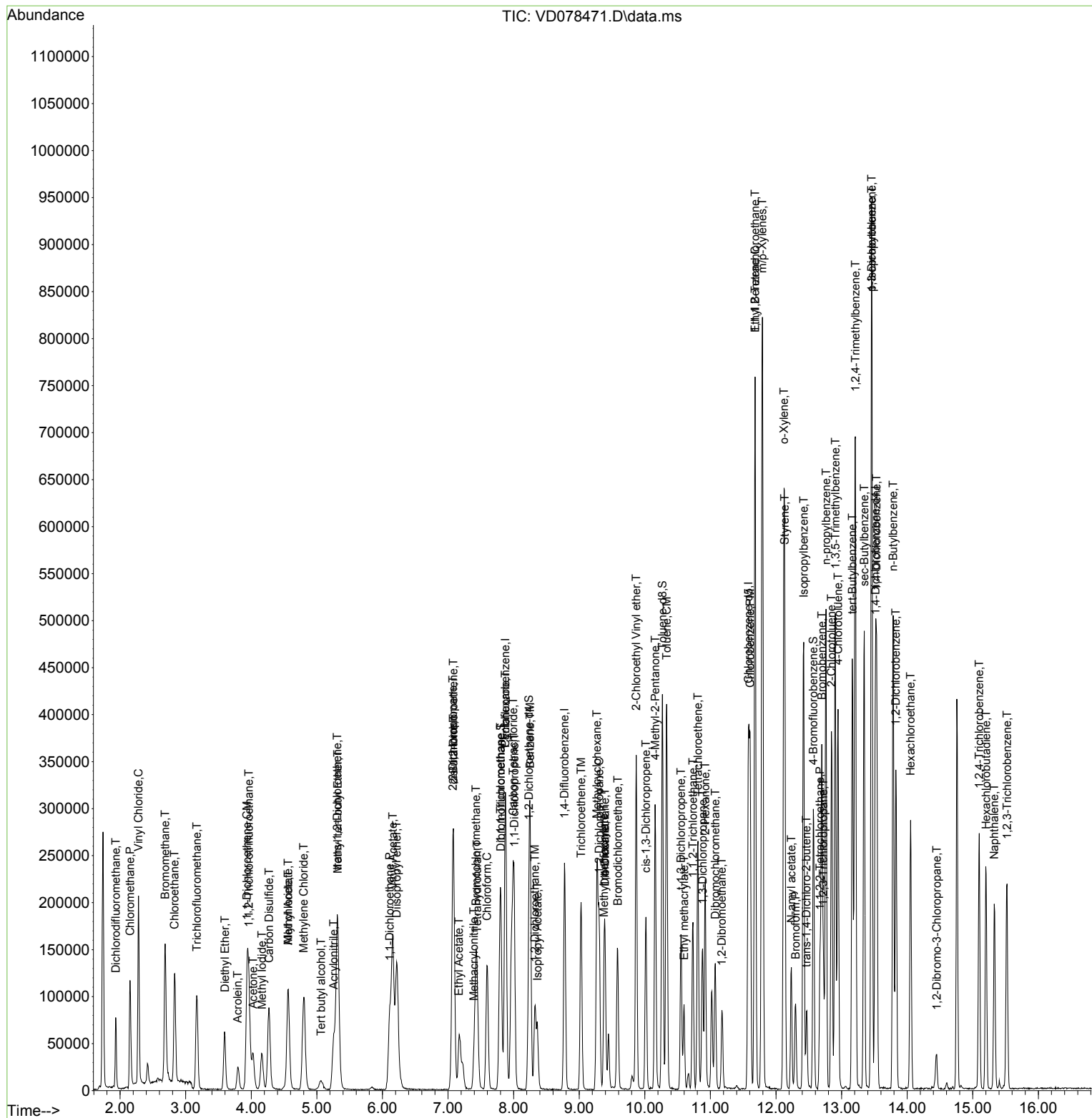
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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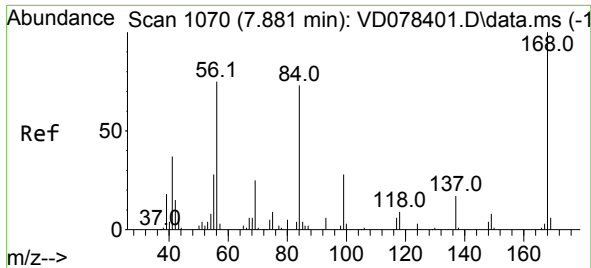
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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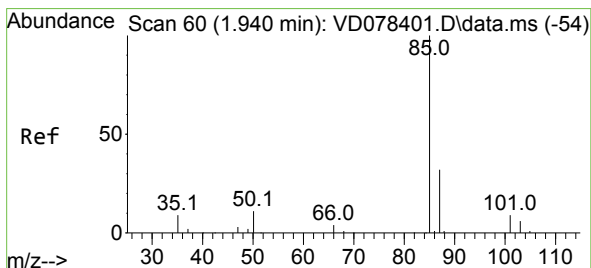
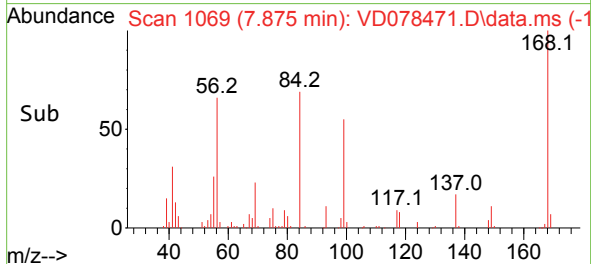
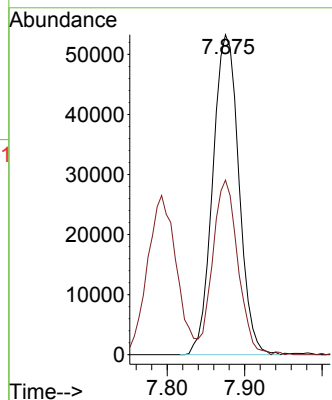
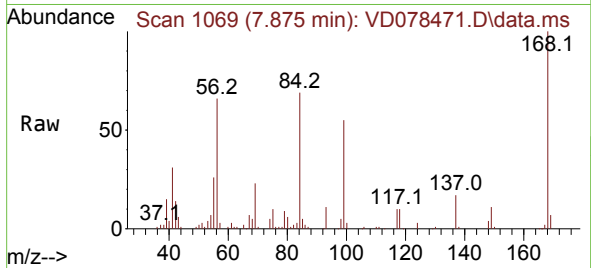




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
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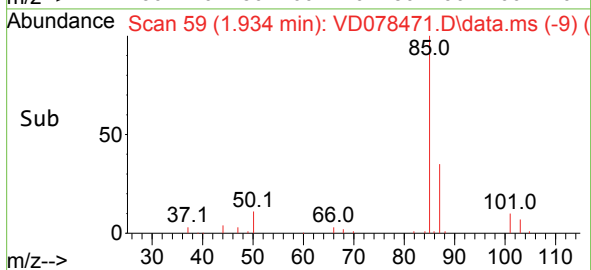
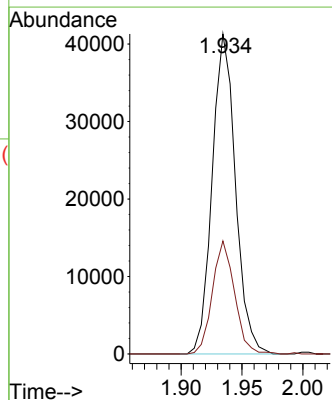
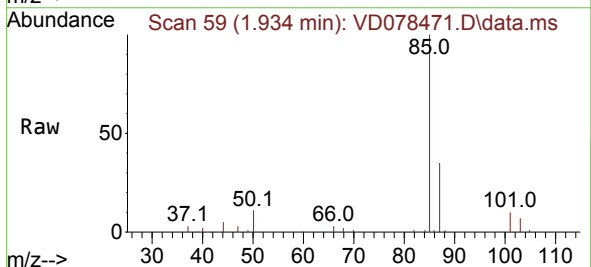
Instrument :
MSVOA_D
ClientSampleId :
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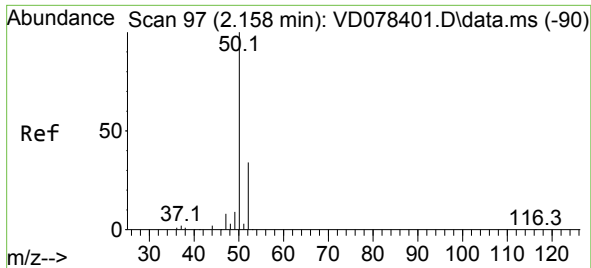
Tgt Ion:168 Resp: 124978
Ion Ratio Lower Upper
168 100
99 53.8 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 44.539 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 85 Resp: 54845
Ion Ratio Lower Upper
85 100
87 35.3 15.7 47.0

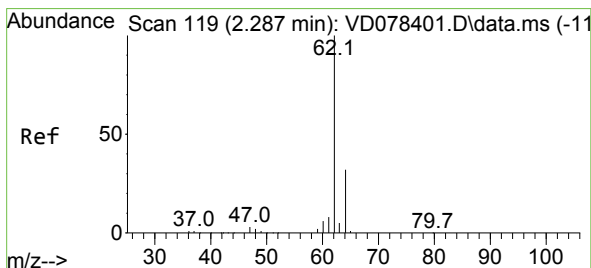
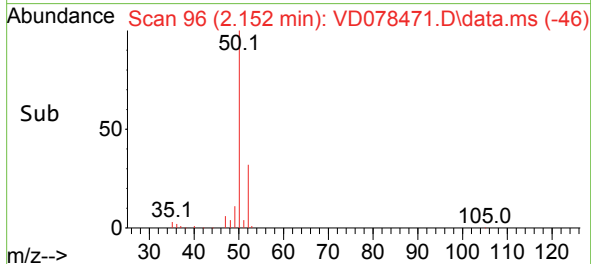
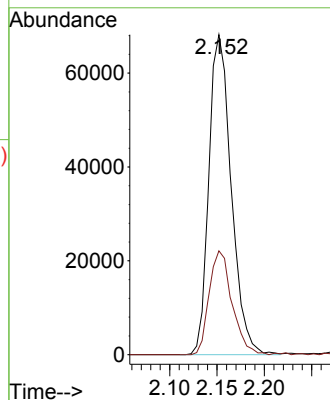
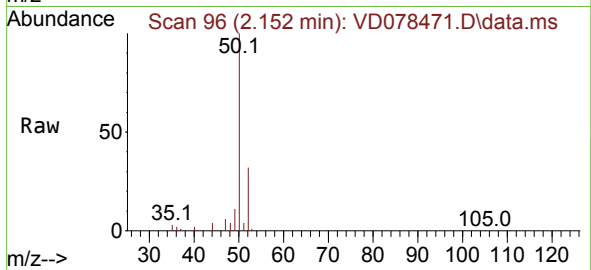




#3
Chloromethane
Concen: 49.437 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

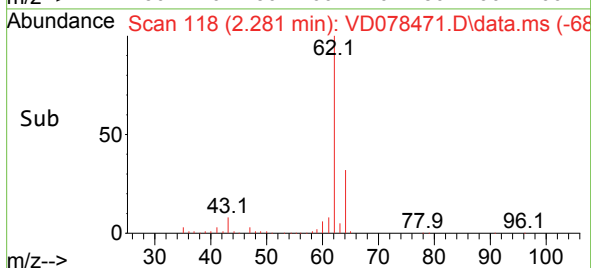
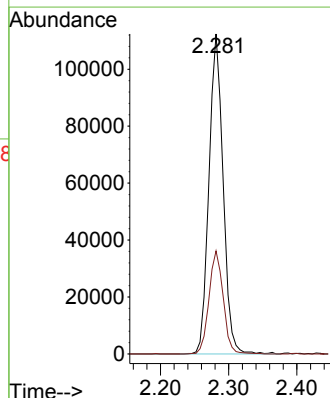
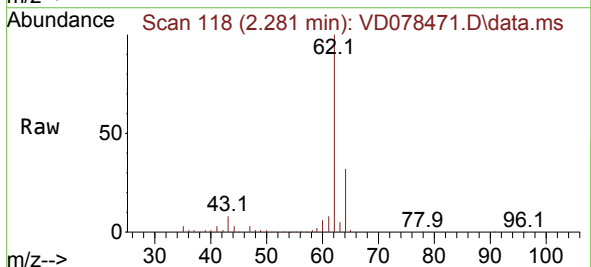
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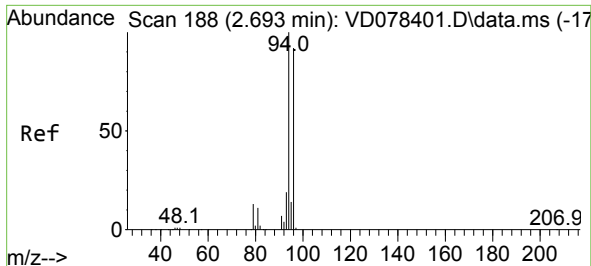
Tgt Ion: 50 Resp: 111876
Ion Ratio Lower Upper
50 100
52 32.4 26.6 40.0



#4
Vinyl Chloride
Concen: 47.020 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 62 Resp: 162370
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0

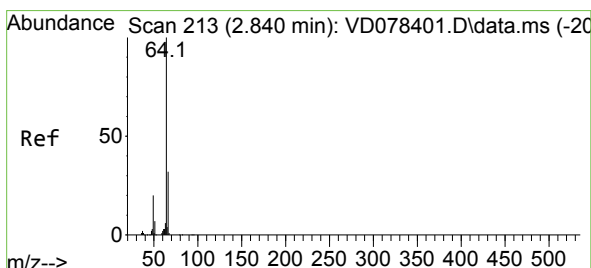
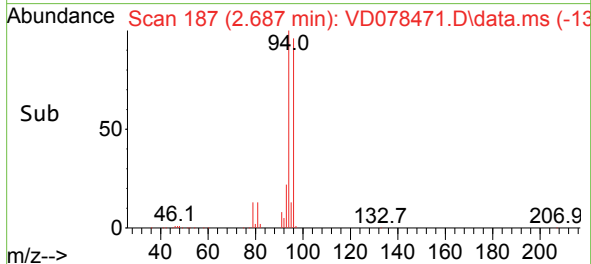
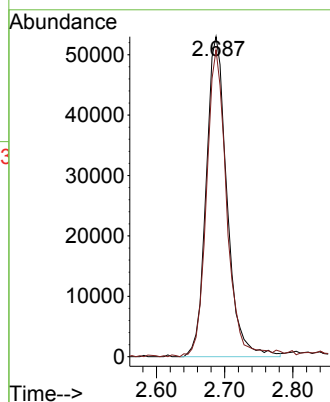
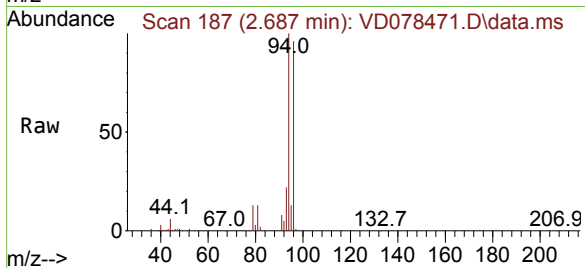




#5
Bromomethane
Concen: 47.171 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078471.D
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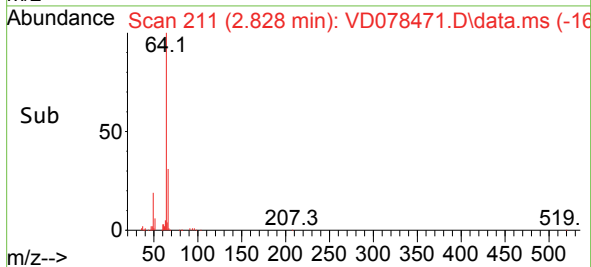
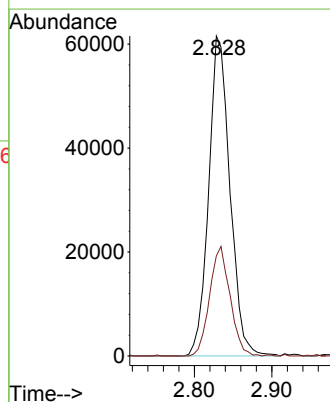
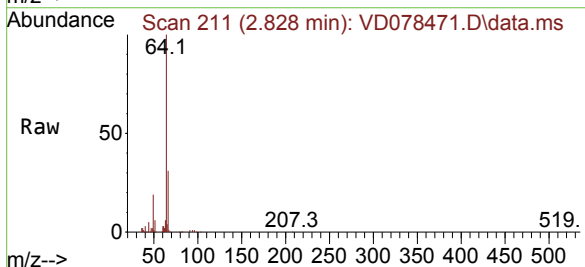
Instrument :
MSVOA_D
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Tgt Ion: 94 Resp: 112435
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.8



#6
Chloroethane
Concen: 46.608 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 64 Resp: 117362
Ion Ratio Lower Upper
64 100
66 31.3 25.5 38.3

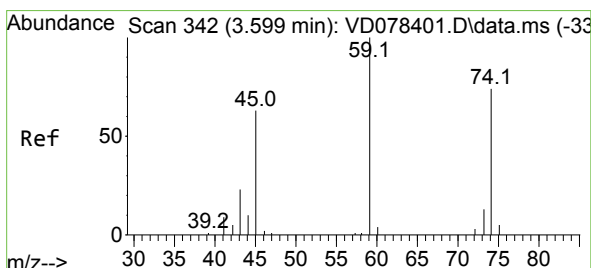
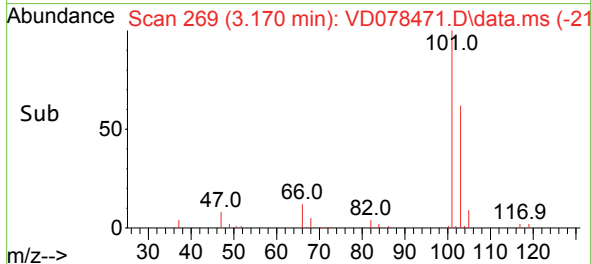
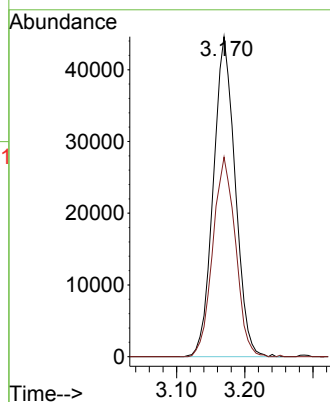
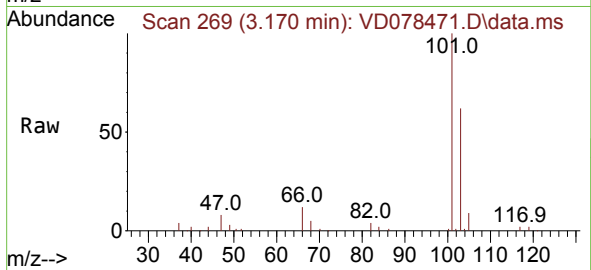




#7
 Trichlorofluoromethane
 Concen: 42.715 ug/l
 RT: 3.170 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078471.D
 Acq: 19 Feb 2024 18:41

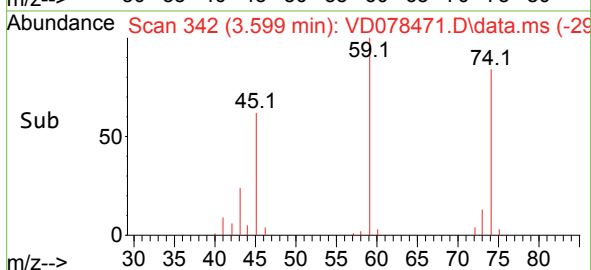
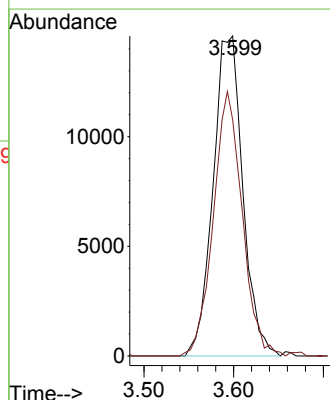
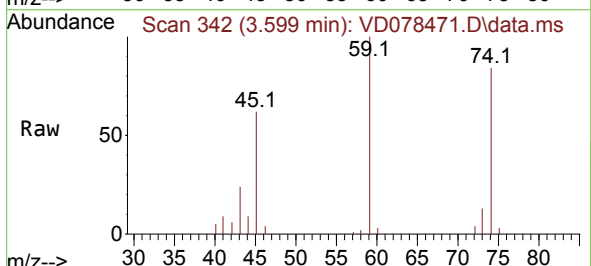
Instrument :
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Tgt Ion:101 Resp: 99502
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.3 78.5



#8
 Diethyl Ether
 Concen: 50.079 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VD078471.D
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Tgt Ion: 74 Resp: 33601
 Ion Ratio Lower Upper
 74 100
 45 80.0 37.5 112.7

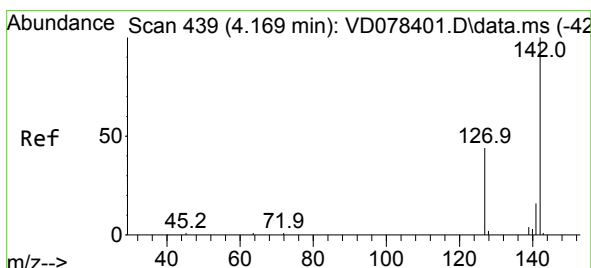
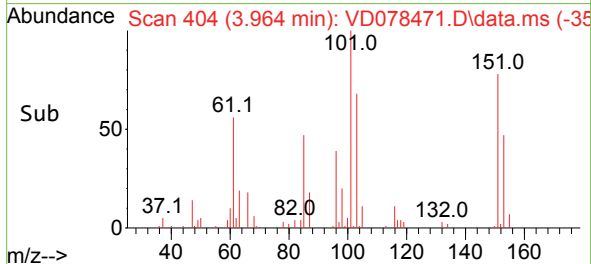
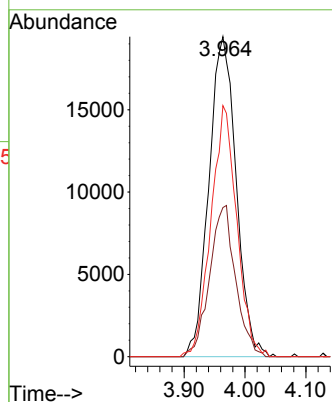
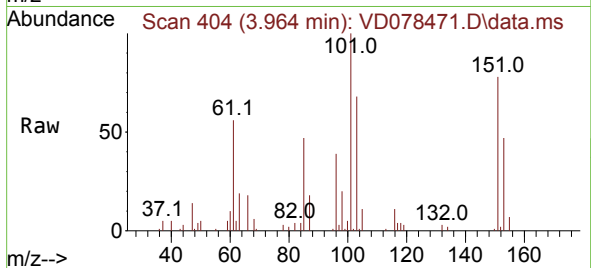




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.090 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

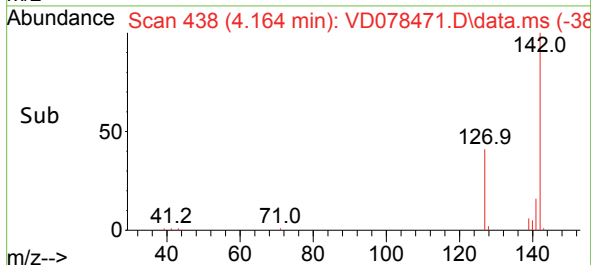
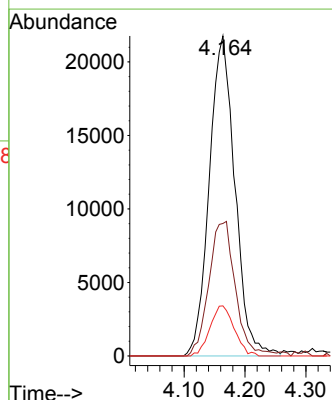
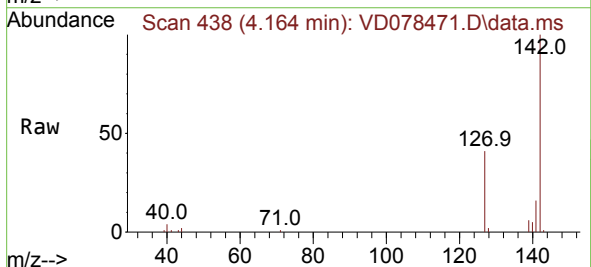
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

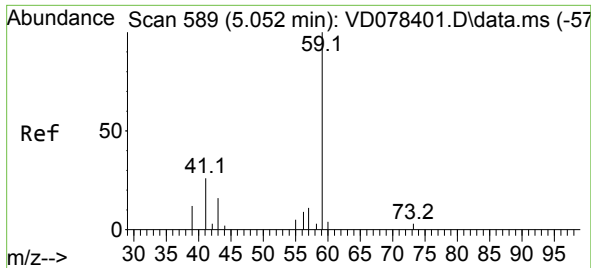
Tgt Ion:101 Resp: 60383
Ion Ratio Lower Upper
101 100
85 45.1 33.8 50.6
151 74.3 59.8 89.6



#10
Methyl Iodide
Concen: 48.308 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion:142 Resp: 63583
Ion Ratio Lower Upper
142 100
127 43.4 29.4 44.0
141 14.9 11.1 16.7

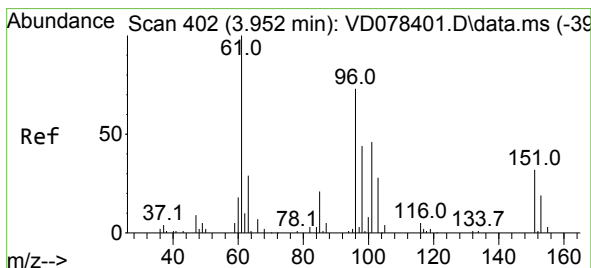
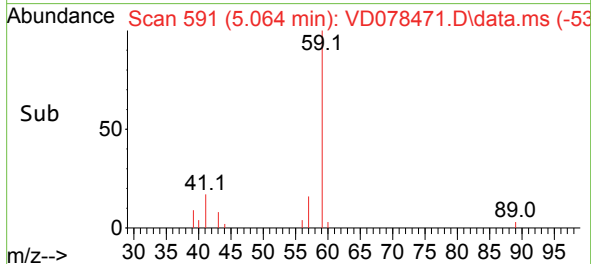
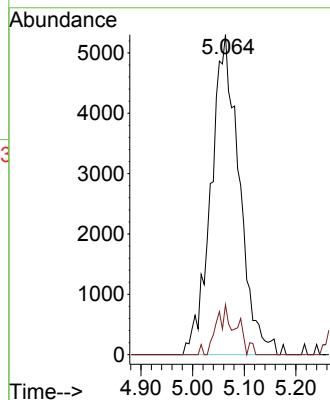
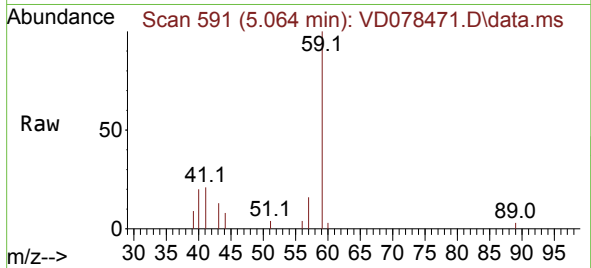




#11
Tert butyl alcohol
Concen: 275.257 ug/l
RT: 5.064 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

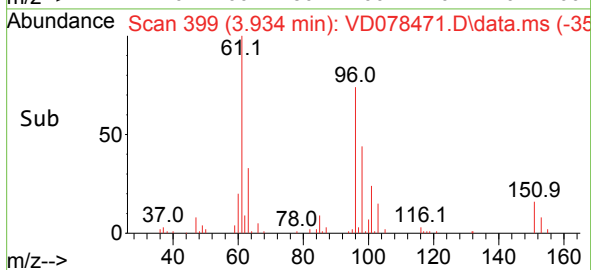
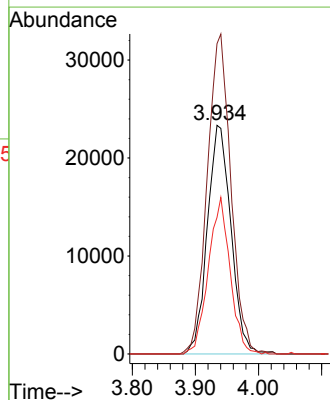
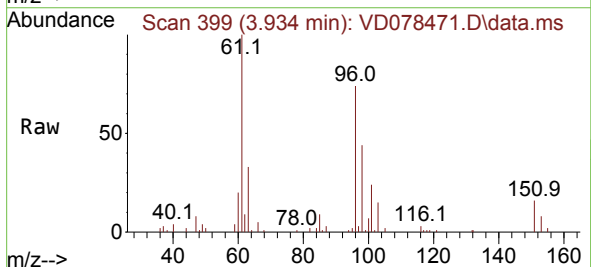
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

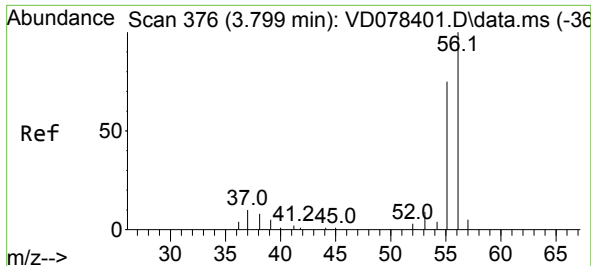
Tgt Ion: 59 Resp: 20118
Ion Ratio Lower Upper
59 100
57 3.9 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 44.432 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.018 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 96 Resp: 60535
Ion Ratio Lower Upper
96 100
61 135.6 100.6 150.8
98 59.7 50.2 75.2





#13

Acrolein

Concen: 234.158 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

Instrument :

MSVOA_D

ClientSampleId :

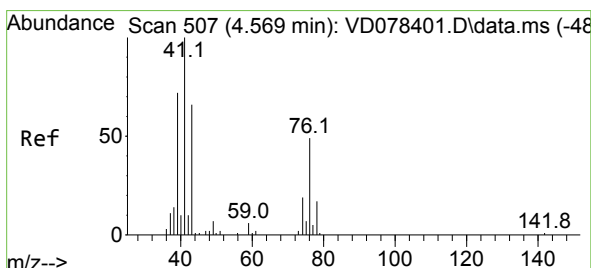
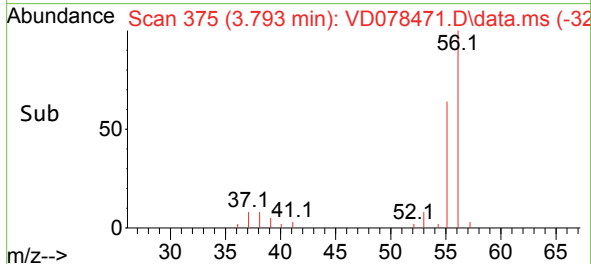
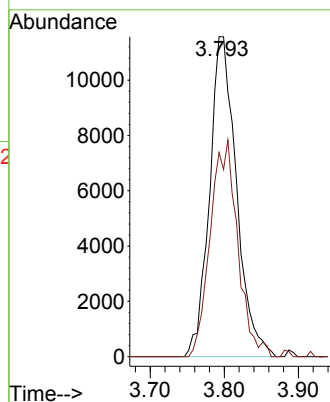
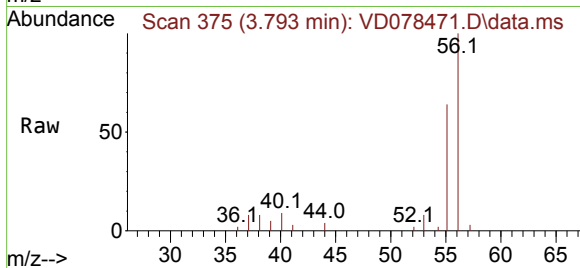
VSTDCCC050EC

Tgt Ion: 56 Resp: 29232

Ion Ratio Lower Upper

56 100

55 68.6 55.1 82.7



#14

Allyl chloride

Concen: 43.377 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

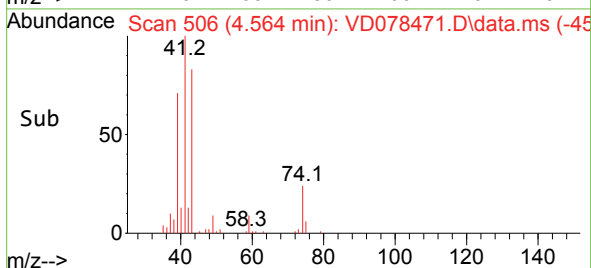
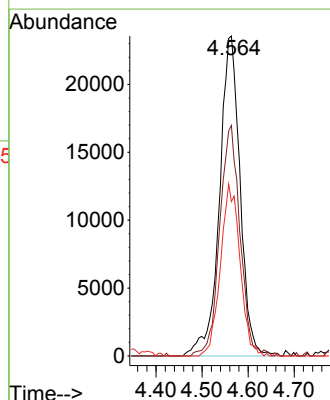
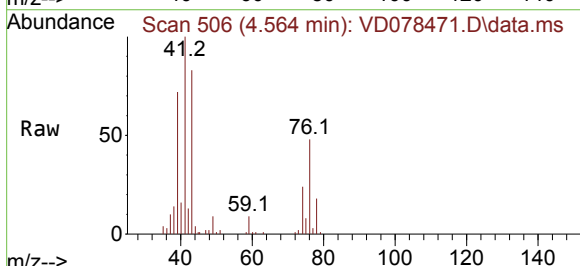
Tgt Ion: 41 Resp: 73008

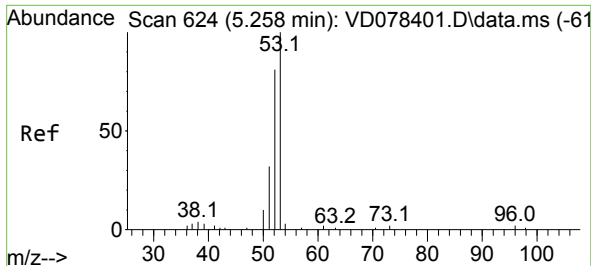
Ion Ratio Lower Upper

41 100

39 71.1 53.8 80.6

76 50.9 45.8 68.8

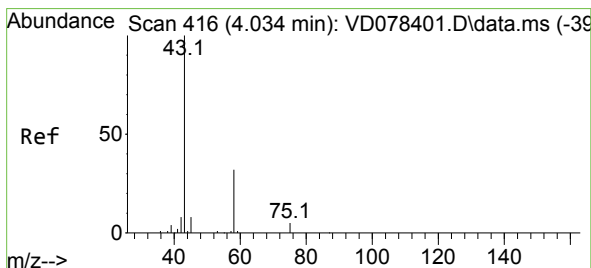
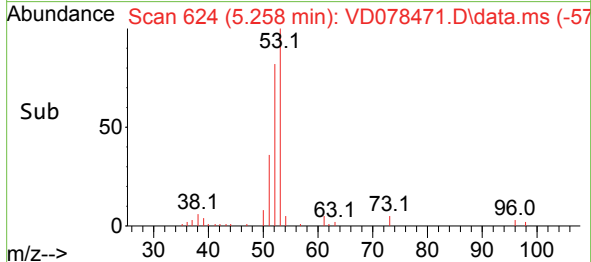
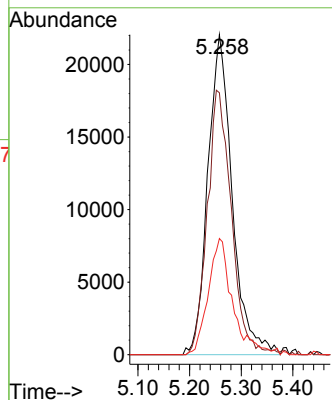
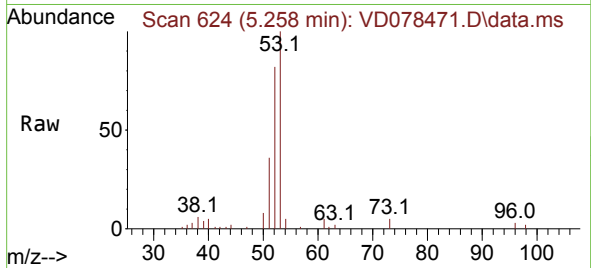




#15
Acrylonitrile
Concen: 251.229 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

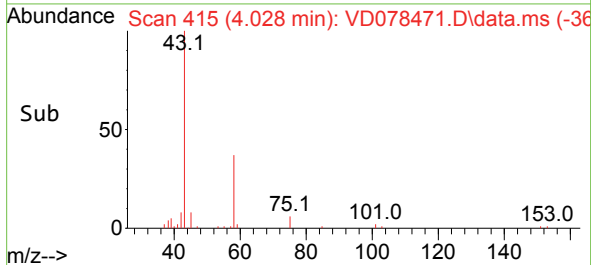
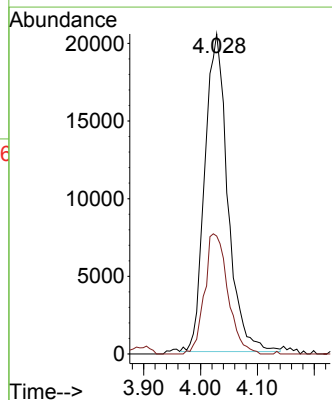
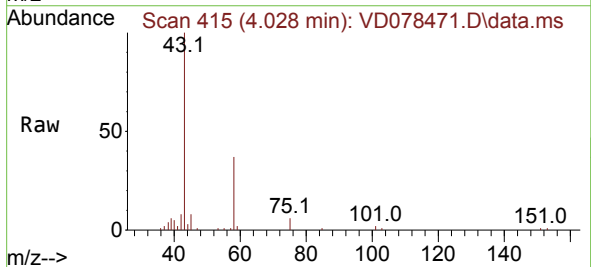
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

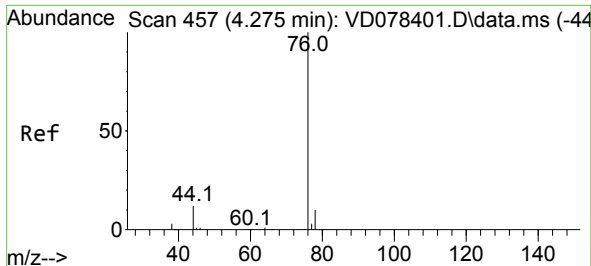
Tgt Ion: 53 Resp: 72159
Ion Ratio Lower Upper
53 100
52 81.6 65.0 97.4
51 36.6 28.3 42.5



#16
Acetone
Concen: 216.405 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 43 Resp: 57365
Ion Ratio Lower Upper
43 100
58 37.1 34.7 52.1

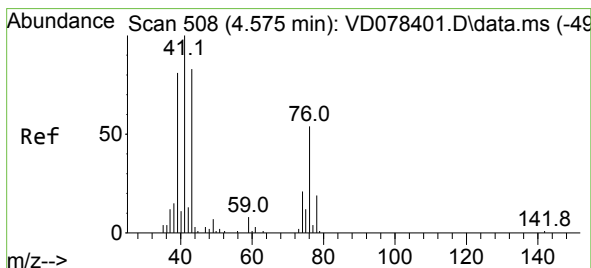
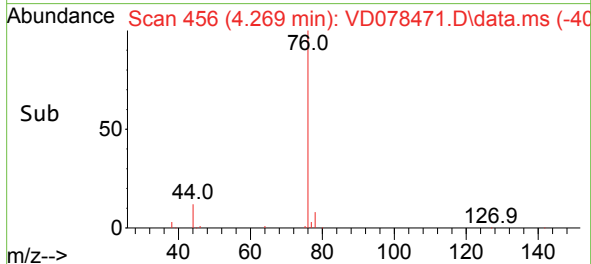
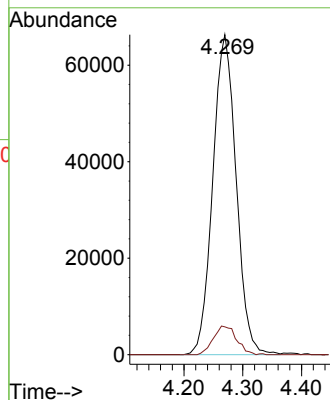
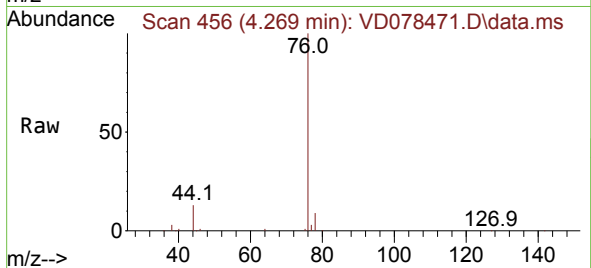




#17
Carbon Disulfide
Concen: 39.967 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

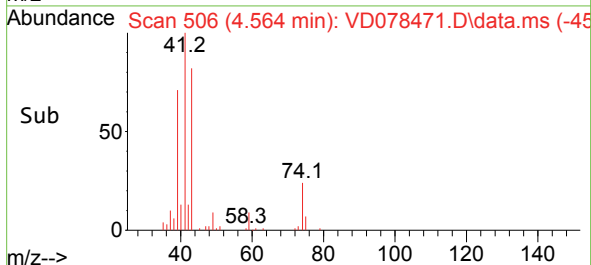
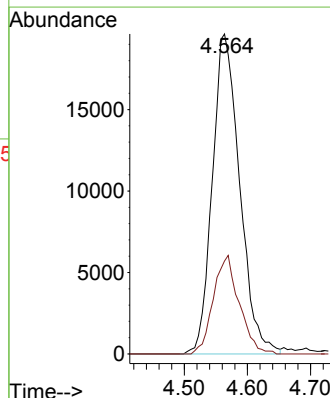
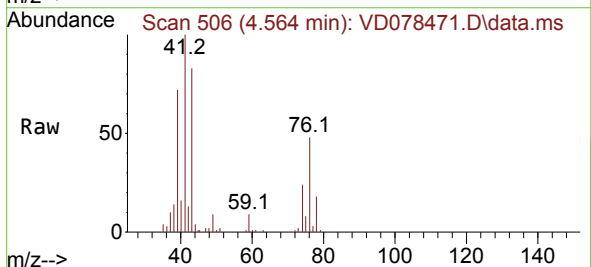
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

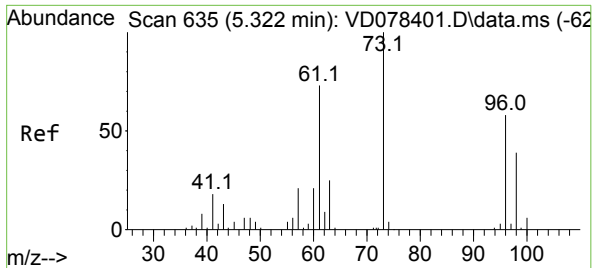
Tgt Ion: 76 Resp: 183224
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 59.330 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.011 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 43 Resp: 59074
Ion Ratio Lower Upper
43 100
74 29.1 26.4 39.6

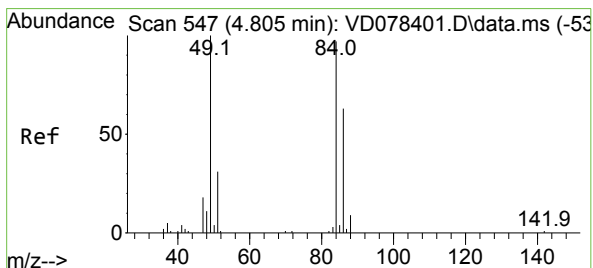
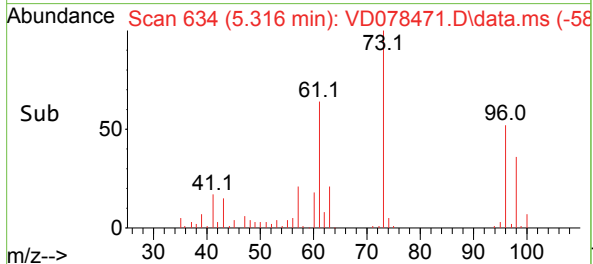
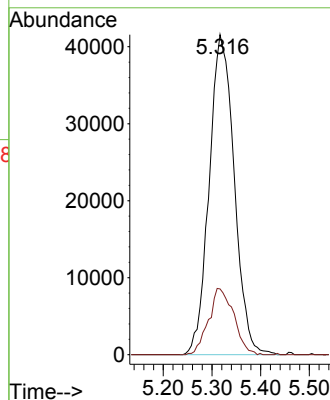
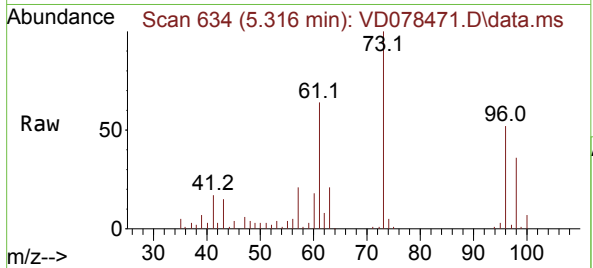




#19
Methyl tert-butyl Ether
Concen: 51.290 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

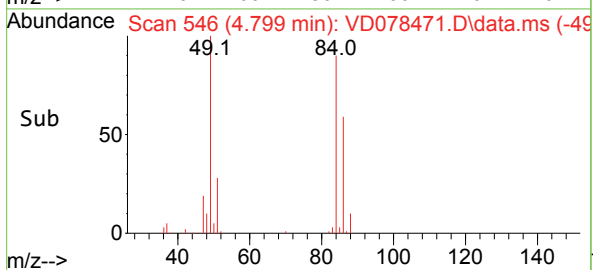
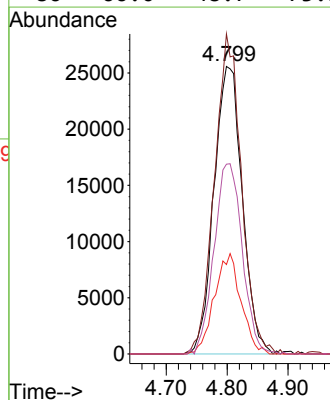
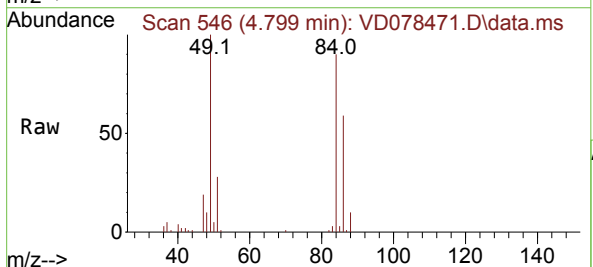
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

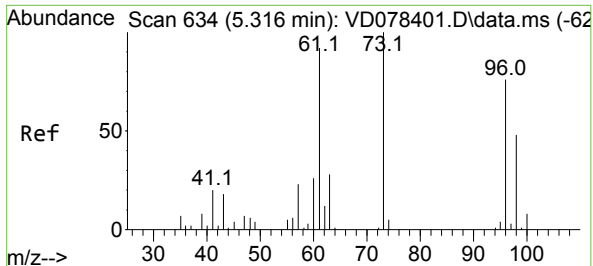
Tgt Ion: 73 Resp: 148466
Ion Ratio Lower Upper
73 100
57 20.6 16.6 25.0



#20
Methylene Chloride
Concen: 54.265 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 84 Resp: 82664
Ion Ratio Lower Upper
84 100
49 111.3 71.4 107.2#
51 31.1 24.5 36.7
86 66.0 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 45.785 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

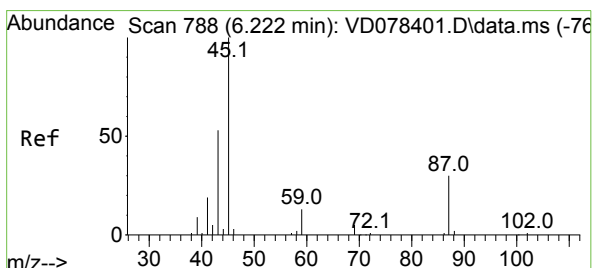
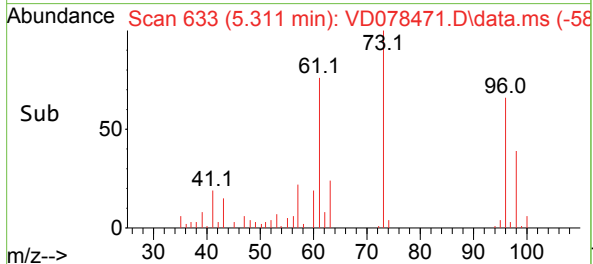
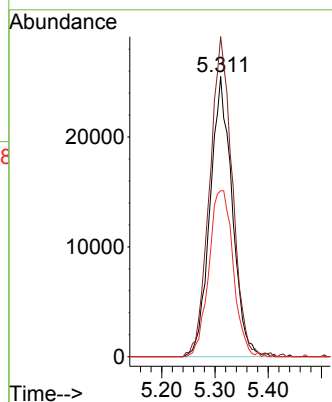
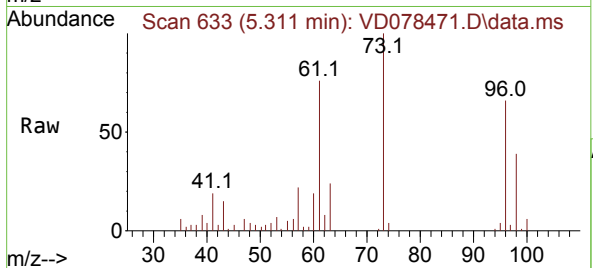
Tgt Ion: 96 Resp: 73383

Ion Ratio Lower Upper

96 100

61 114.2 89.3 133.9

98 59.2 48.6 73.0



#22

Diisopropyl ether

Concen: 47.140 ug/l

RT: 6.216 min Scan# 787

Delta R.T. -0.006 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

Tgt Ion: 45 Resp: 174873

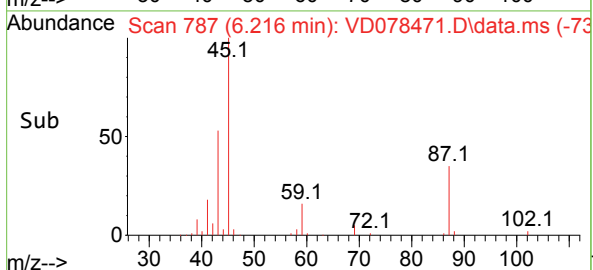
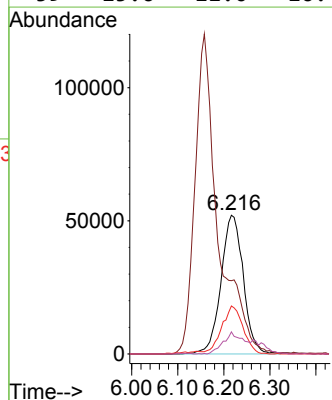
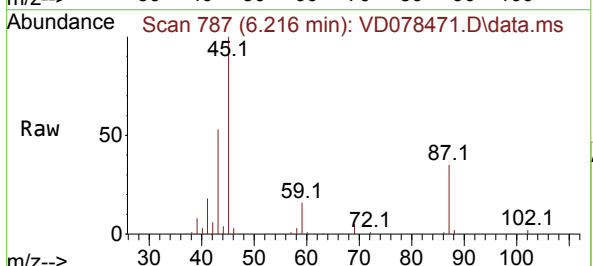
Ion Ratio Lower Upper

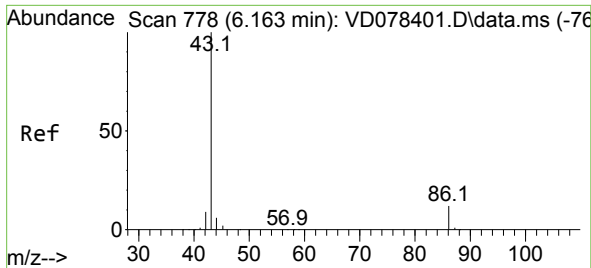
45 100

43 52.0 40.0 60.0

87 34.6 28.2 42.4

59 15.6 11.0 16.4

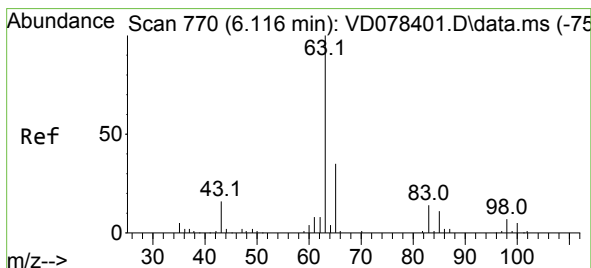
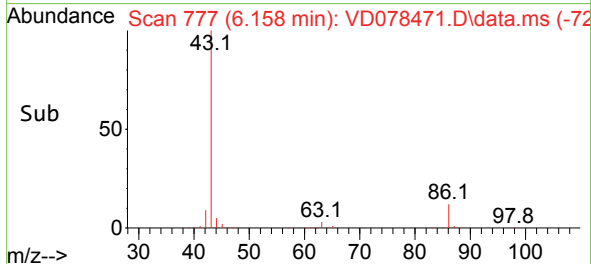
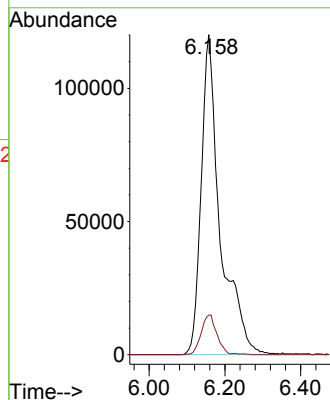
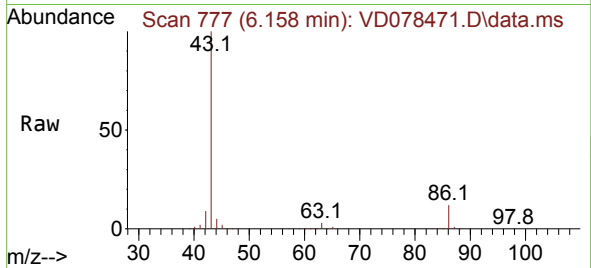




#23
 Vinyl Acetate
 Concen: 276.806 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD078471.D
 Acq: 19 Feb 2024 18:41

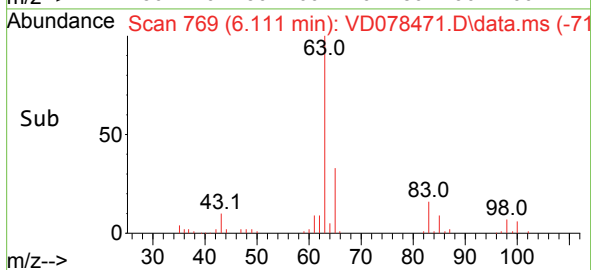
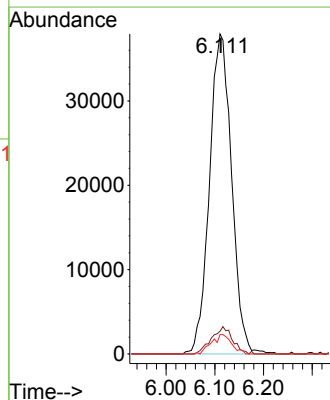
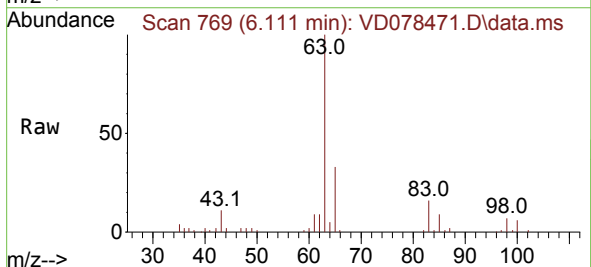
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

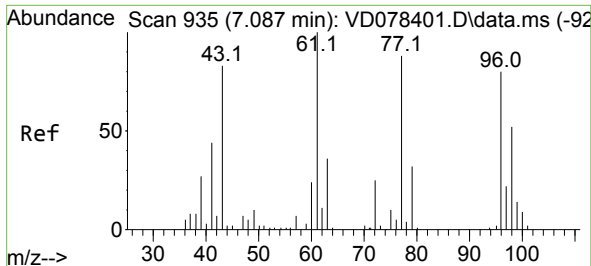
Tgt Ion: 43 Resp: 418572
 Ion Ratio Lower Upper
 43 100
 86 12.4 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 45.621 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078471.D
 Acq: 19 Feb 2024 18:41

Tgt Ion: 63 Resp: 119889
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 6.0 2.5 7.5

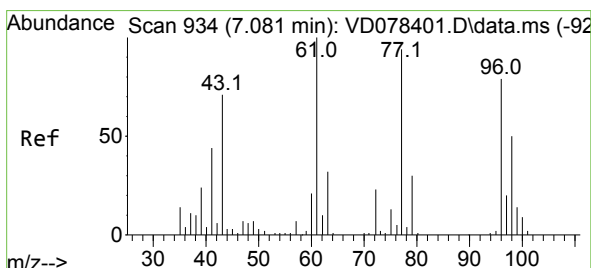
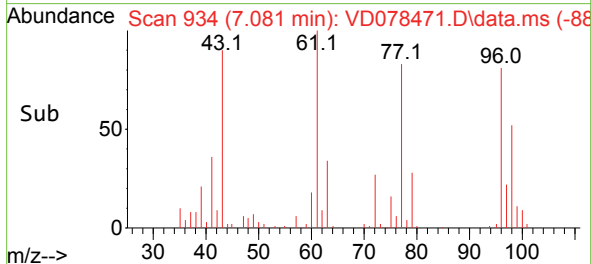
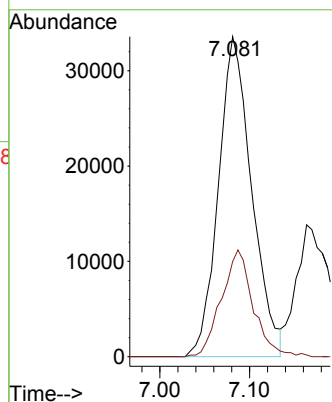
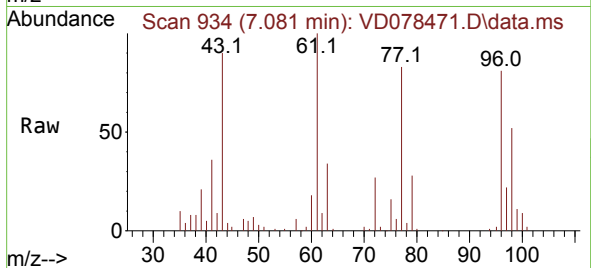




#25
2-Butanone
Concen: 252.770 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

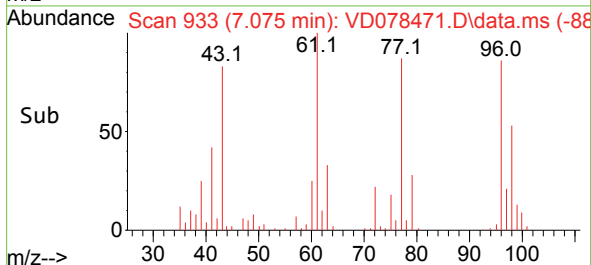
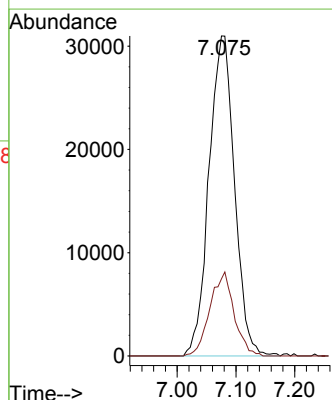
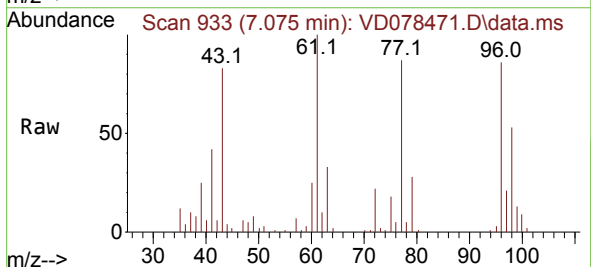
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 86482
Ion Ratio Lower Upper
43 100
72 29.7 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 42.493 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 77 Resp: 93613
Ion Ratio Lower Upper
77 100
97 24.9 13.2 39.6

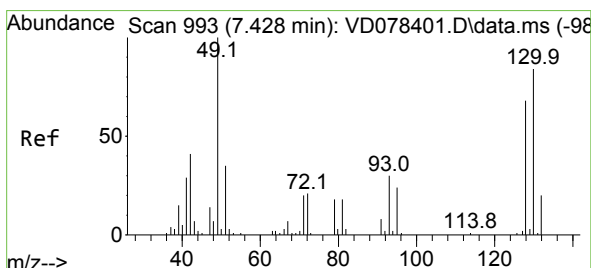
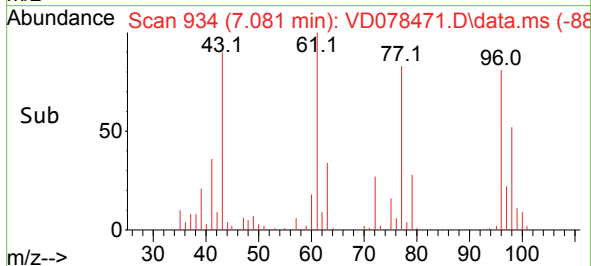
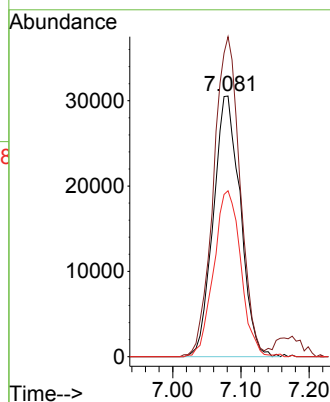
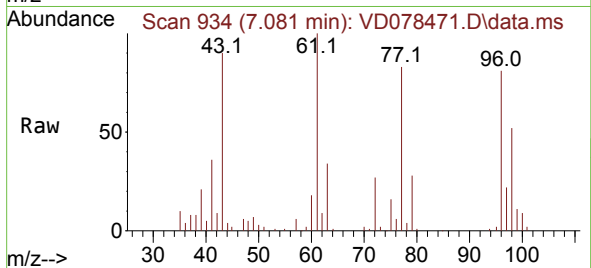




#27
 cis-1,2-Dichloroethene
 Concen: 47.787 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078471.D
 Acq: 19 Feb 2024 18:41

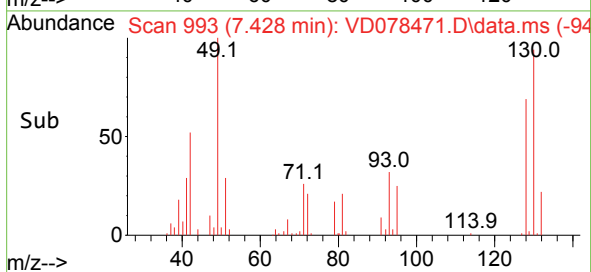
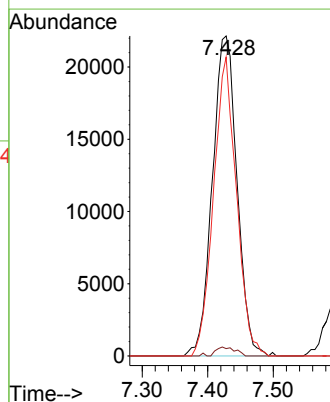
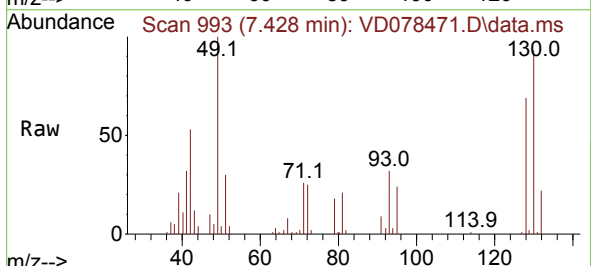
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

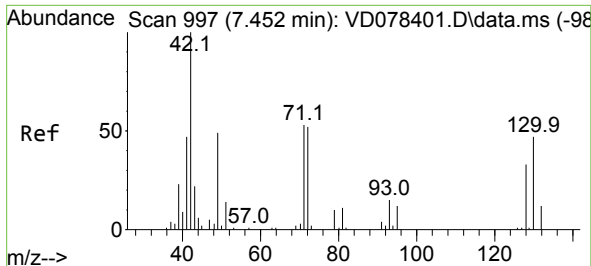
Tgt Ion: 96 Resp: 84032
 Ion Ratio Lower Upper
 96 100
 61 121.1 0.0 239.2
 98 63.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 55.504 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078471.D
 Acq: 19 Feb 2024 18:41

Tgt Ion: 49 Resp: 57772
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 6.0
 130 87.0 83.2 124.8





#29

Tetrahydrofuran

Concen: 262.875 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

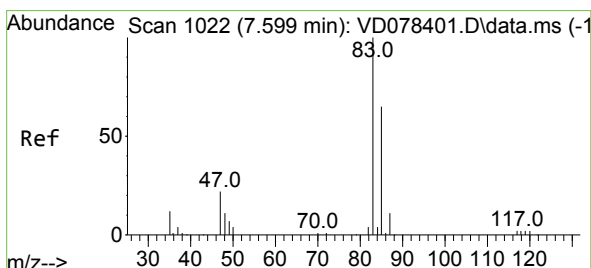
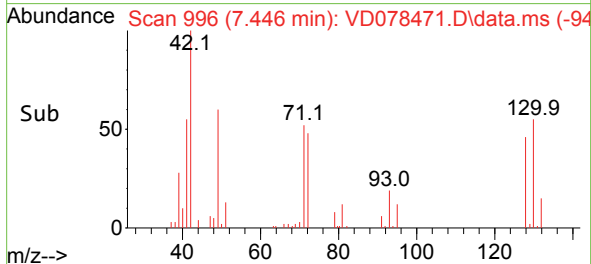
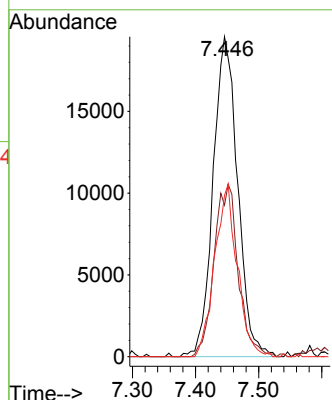
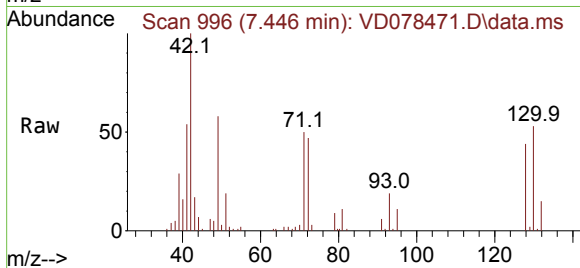
Tgt Ion: 42 Resp: 52828

Ion Ratio Lower Upper

42 100

72 53.1 46.5 69.7

71 49.6 44.5 66.7



#30

Chloroform

Concen: 47.117 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078471.D

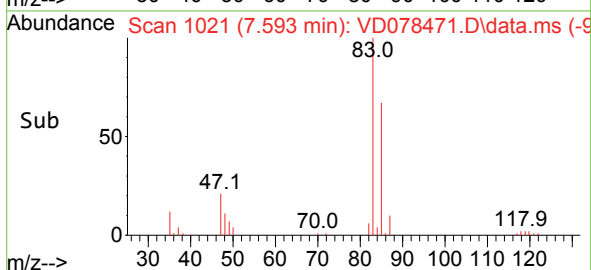
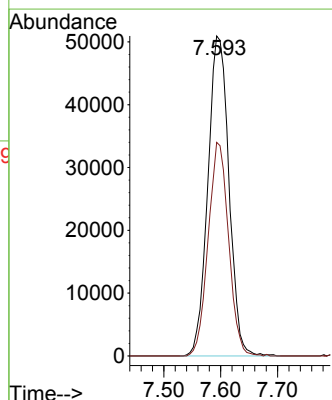
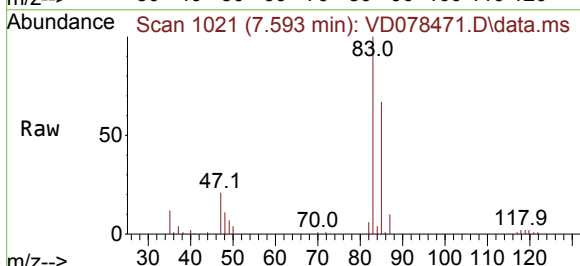
Acq: 19 Feb 2024 18:41

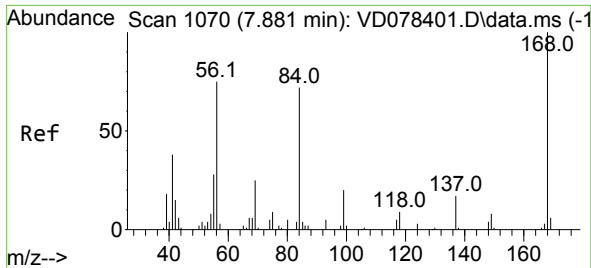
Tgt Ion: 83 Resp: 131006

Ion Ratio Lower Upper

83 100

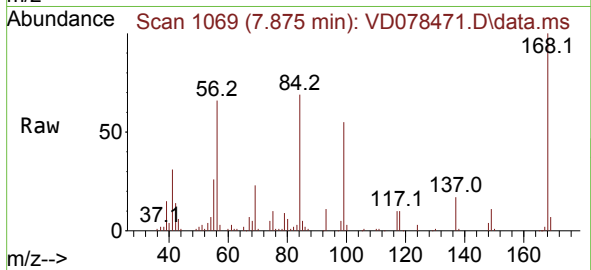
85 66.7 53.4 80.2



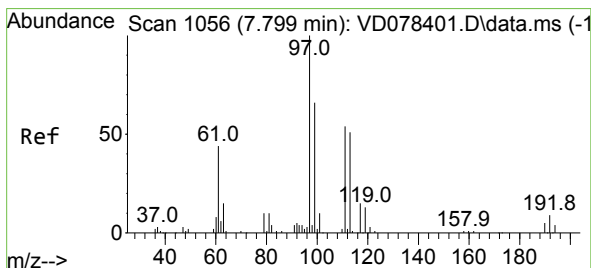
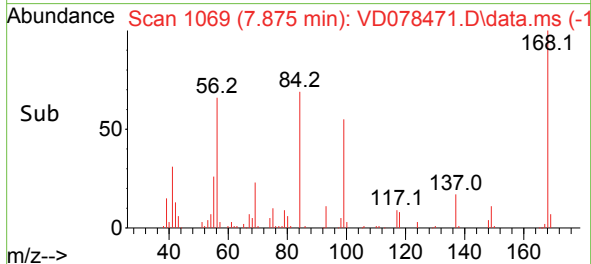
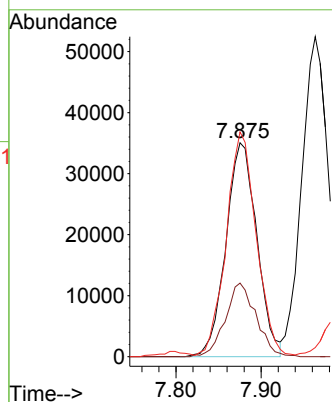


#31
Cyclohexane
Concen: 38.763 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

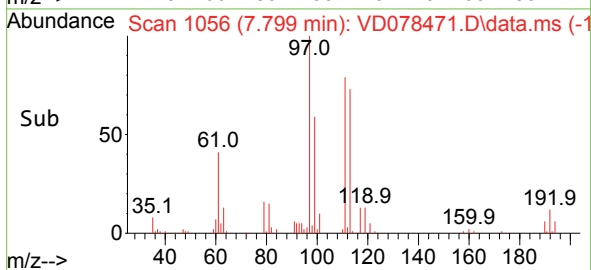
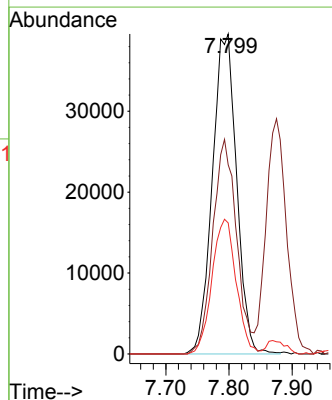
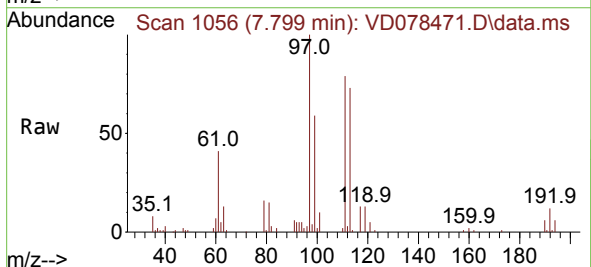


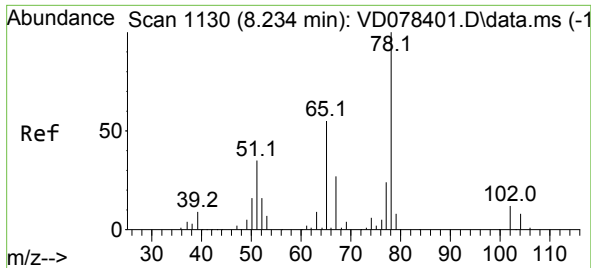
Tgt Ion: 56 Resp: 88608
Ion Ratio Lower Upper
56 100
69 34.4 28.6 43.0
84 103.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 44.478 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 97 Resp: 105441
Ion Ratio Lower Upper
97 100
99 65.9 52.0 78.0
61 42.0 33.8 50.8

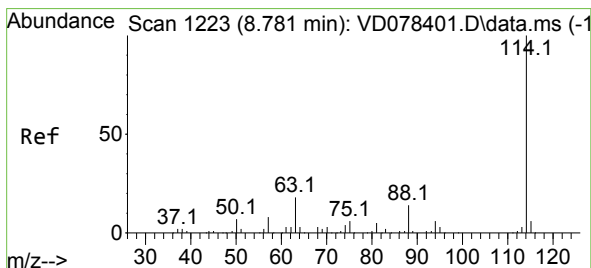
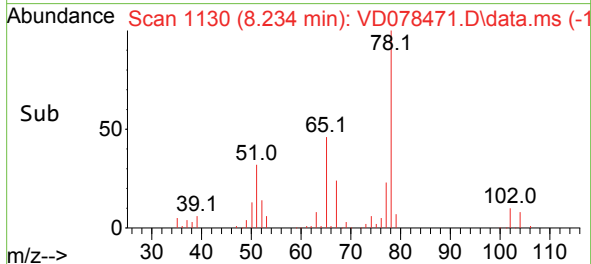
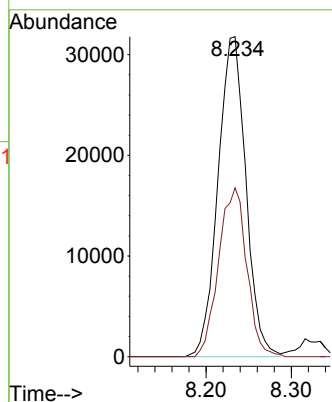
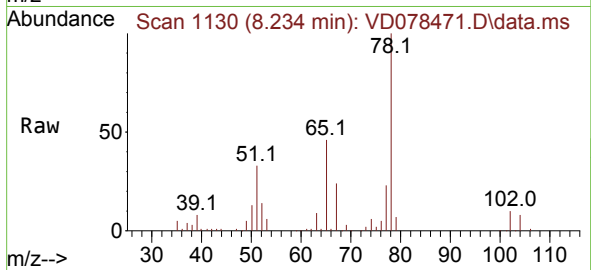




#33
 1,2-Dichloroethane-d4
 Concen: 53.429 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VD078471.D
 Acq: 19 Feb 2024 18:41

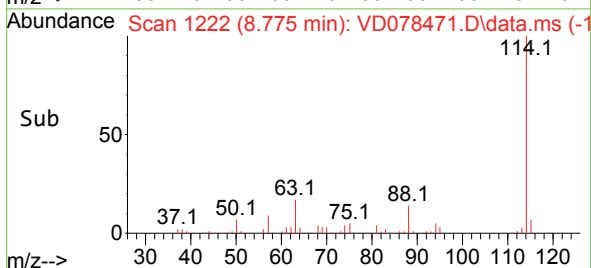
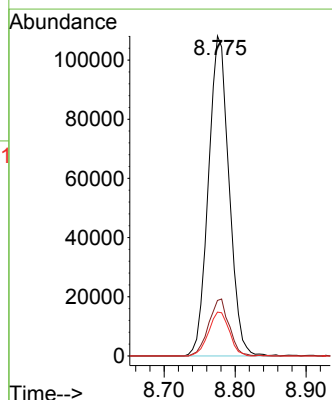
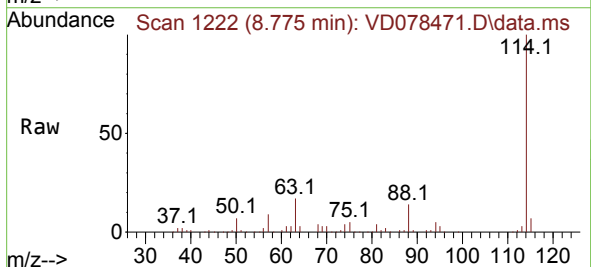
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 72200
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.006 min
 Lab File: VD078471.D
 Acq: 19 Feb 2024 18:41

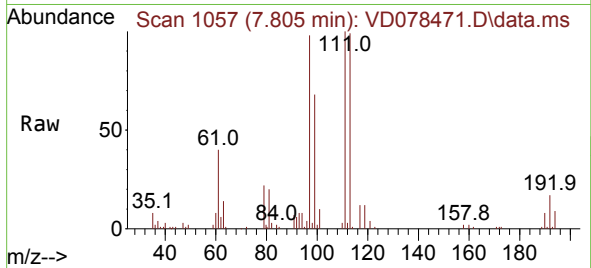
Tgt Ion:114 Resp: 218101
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 33.4
 88 13.7 0.0 26.2



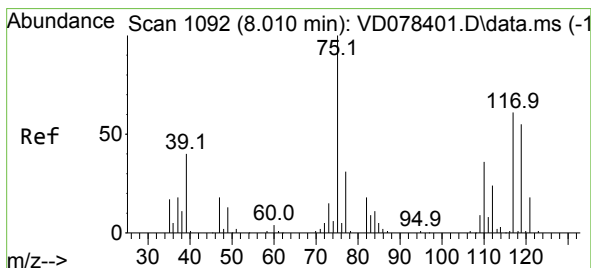
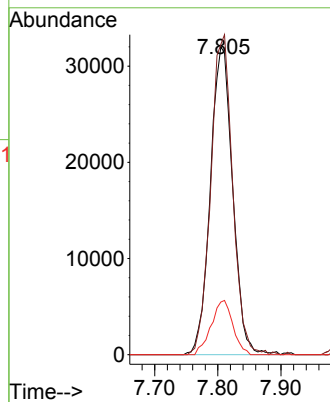
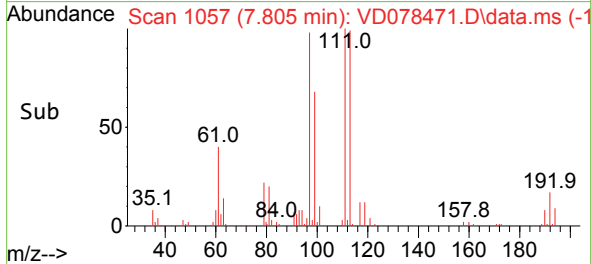


#35
Dibromofluoromethane
Concen: 56.945 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

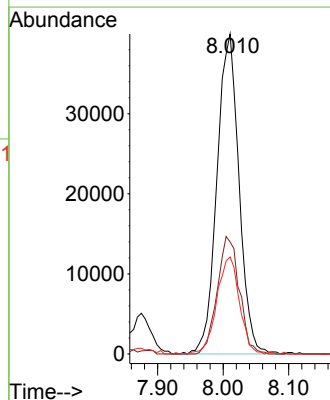
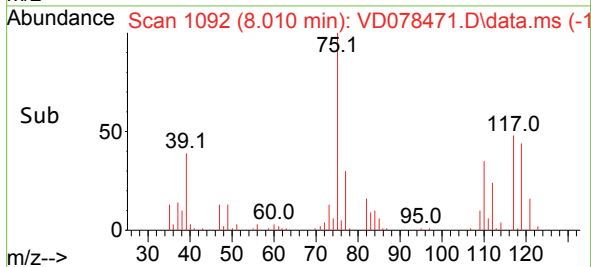
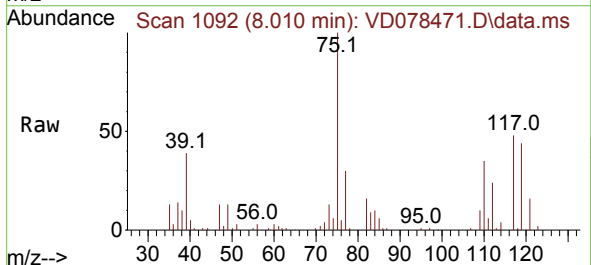


Tgt Ion:113 Resp: 78892
Ion Ratio Lower Upper
113 100
111 101.7 84.7 127.1
192 17.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 43.376 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 75 Resp: 93354
Ion Ratio Lower Upper
75 100
110 36.7 19.9 59.6
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 46.442 ug/l

RT: 7.163 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

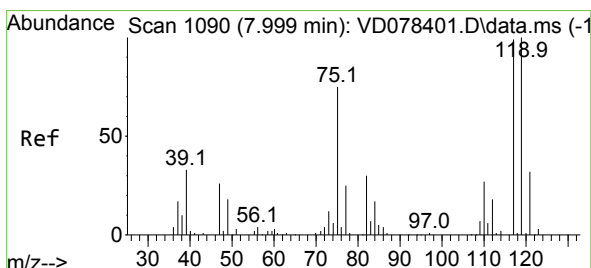
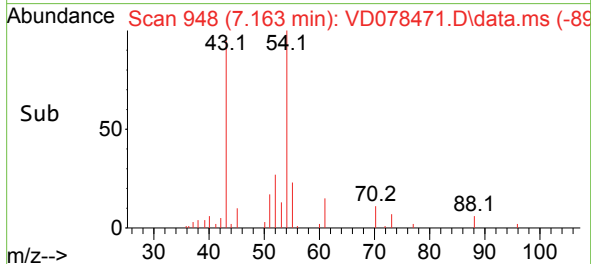
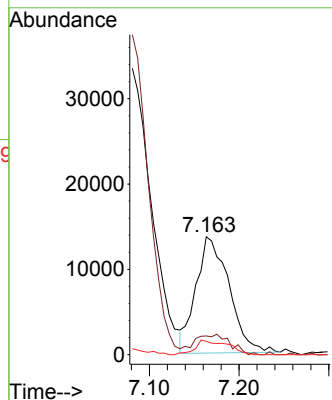
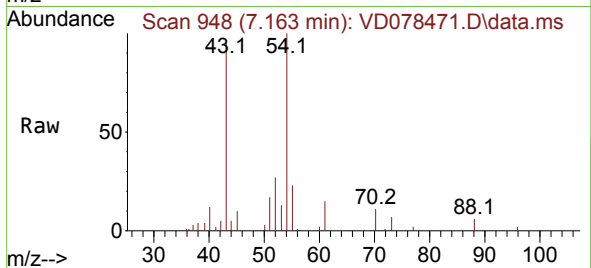
Tgt Ion: 43 Resp: 35038

Ion Ratio Lower Upper

43 100

61 19.0 14.9 22.3

70 12.2 10.0 15.0



#38

Carbon Tetrachloride

Concen: 44.110 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

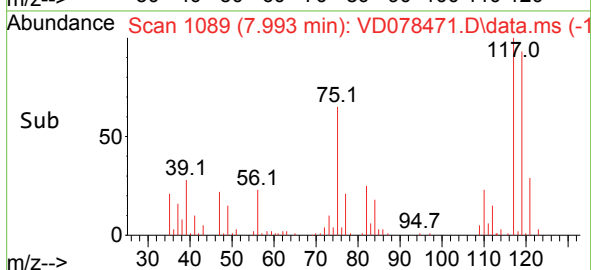
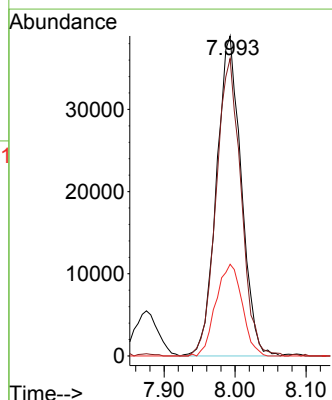
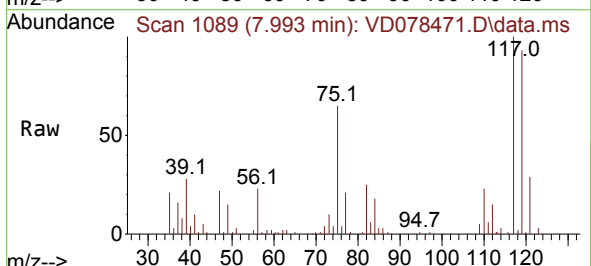
Tgt Ion: 117 Resp: 94016

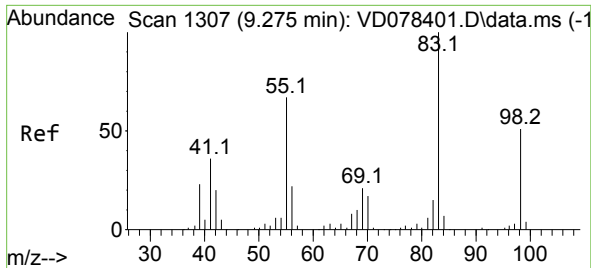
Ion Ratio Lower Upper

117 100

119 93.0 78.0 117.0

121 28.7 24.2 36.2

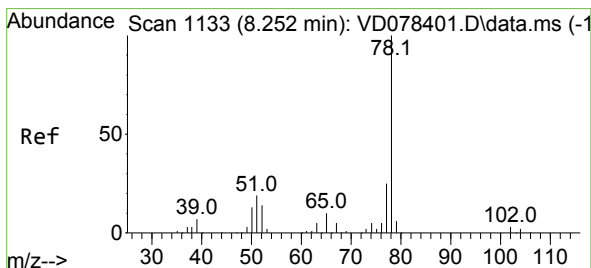
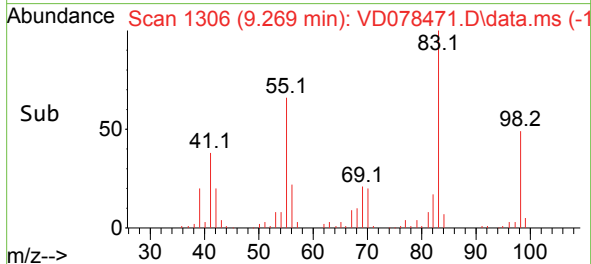
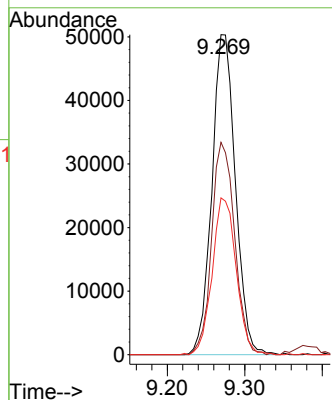
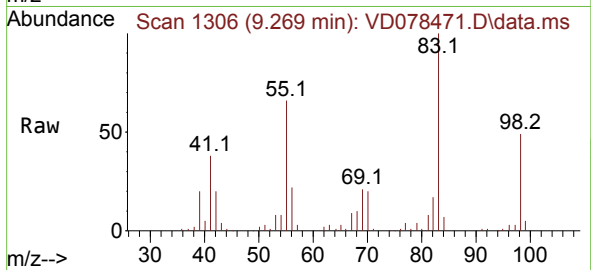




#39
Methylcyclohexane
Concen: 41.567 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

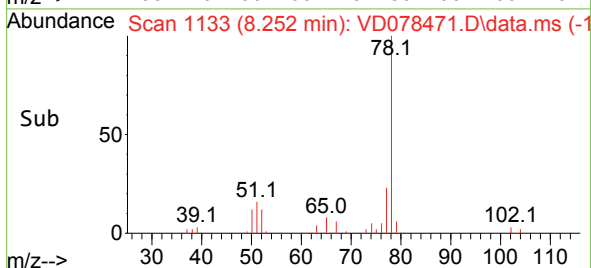
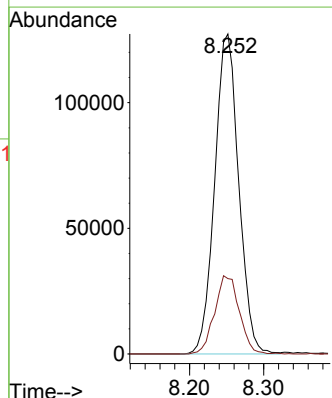
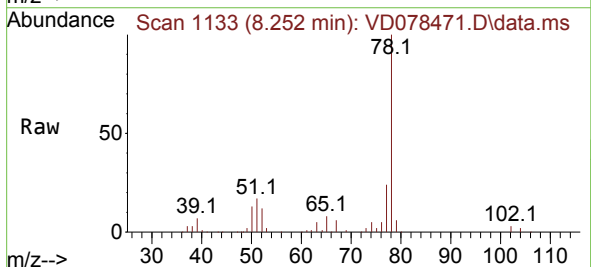
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 106205
Ion Ratio Lower Upper
83 100
55 66.3 49.4 74.0
98 49.0 38.4 57.6



#40
Benzene
Concen: 46.048 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 78 Resp: 286458
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0

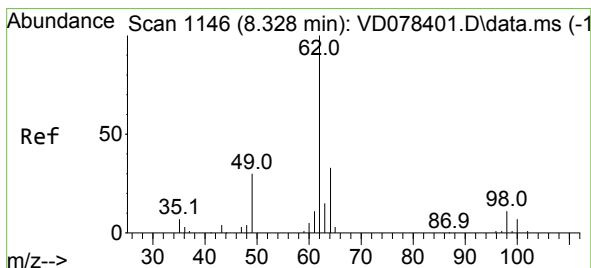
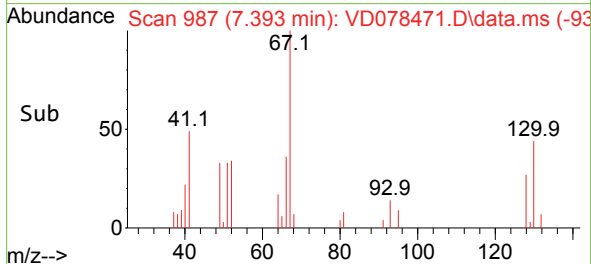
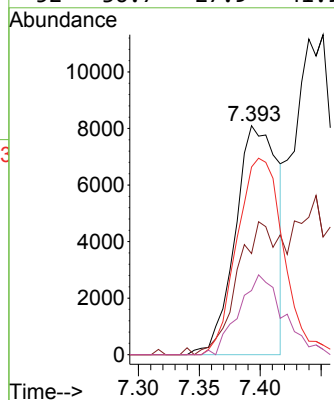
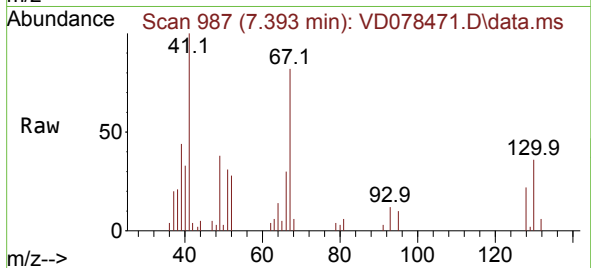




#41
Methacrylonitrile
Concen: 49.883 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

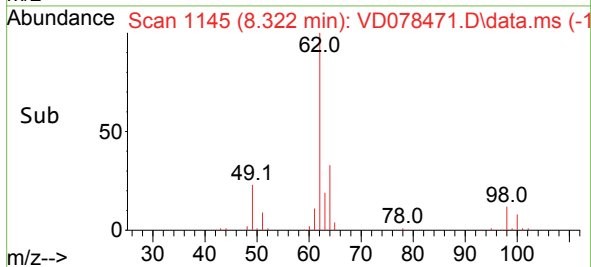
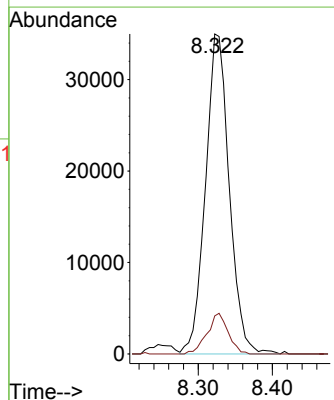
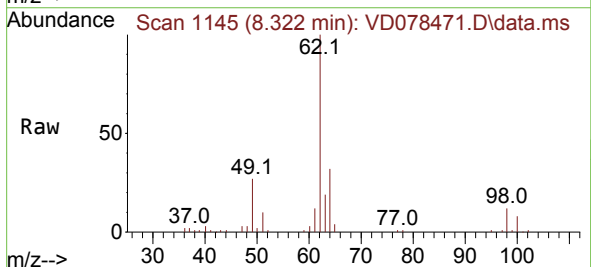
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

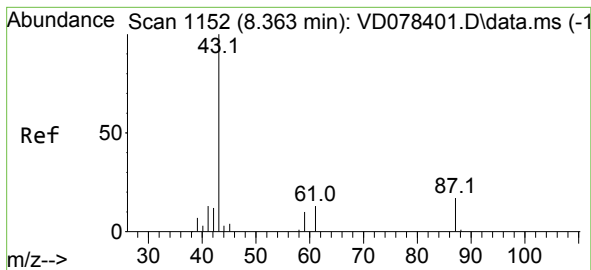
Tgt Ion:	41	Resp:	19586
Ion	Ratio	Lower	Upper
41	100		
39	62.6	34.0	51.0#
67	94.6	77.0	115.4
52	36.7	27.9	41.9



#42
1,2-Dichloroethane
Concen: 48.500 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion:	62	Resp:	78067
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	25.4





#43

Isopropyl Acetate

Concen: 49.741 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

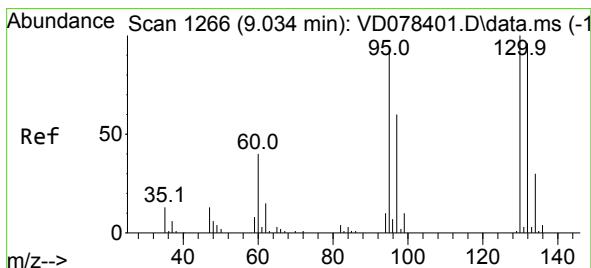
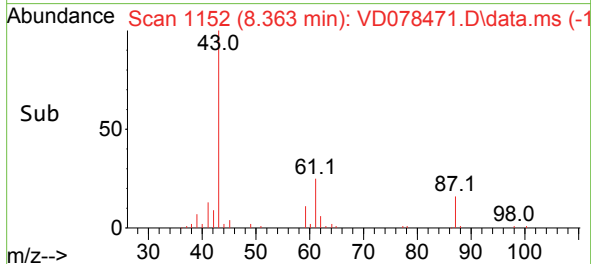
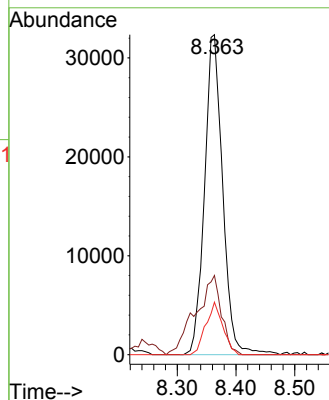
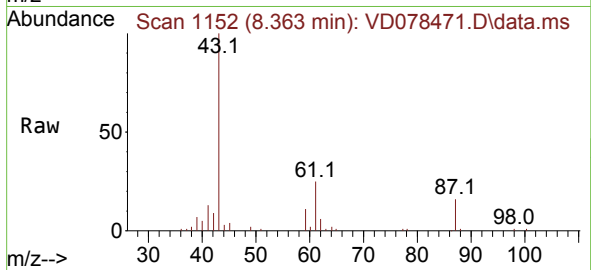
Tgt Ion: 43 Resp: 69491

Ion Ratio Lower Upper

43 100

61 35.0 31.4 47.0

87 15.4 14.9 22.3



#44

Trichloroethene

Concen: 47.430 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.006 min

Lab File: VD078471.D

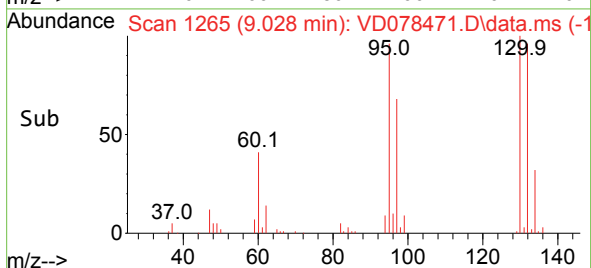
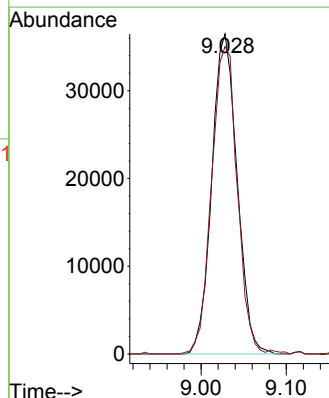
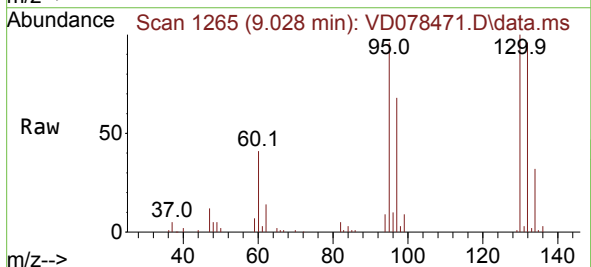
Acq: 19 Feb 2024 18:41

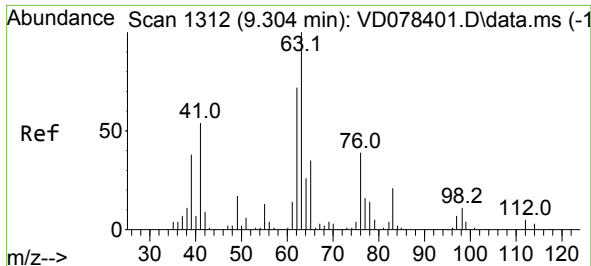
Tgt Ion:130 Resp: 75273

Ion Ratio Lower Upper

130 100

95 96.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 48.268 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

Instrument :

MSVOA_D

ClientSampleId :

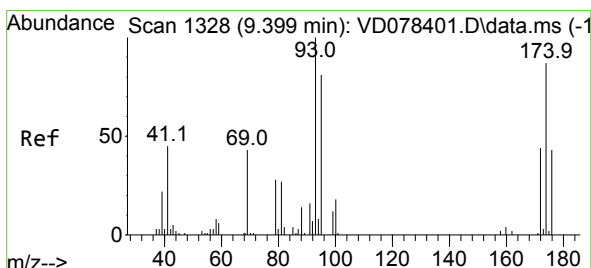
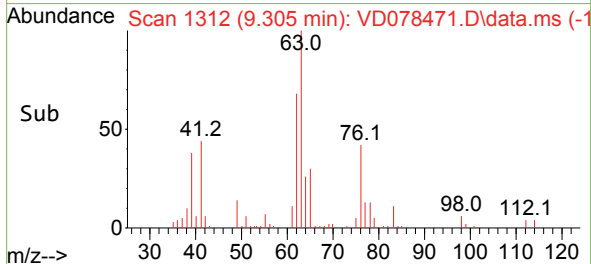
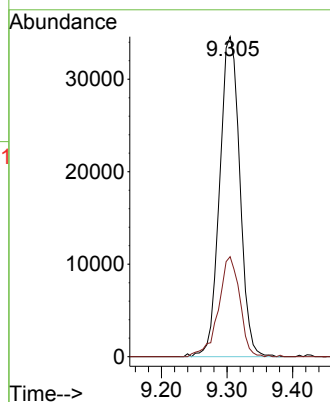
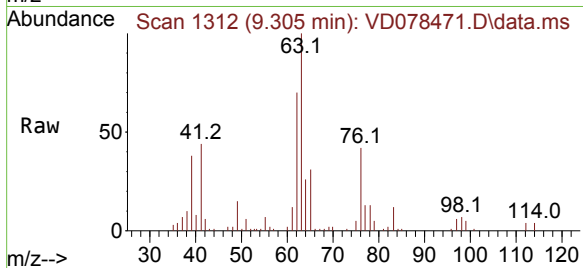
VSTDCCC050EC

Tgt Ion: 63 Resp: 73672

Ion Ratio Lower Upper

63 100

65 31.3 24.5 36.7



#46

Dibromomethane

Concen: 50.645 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

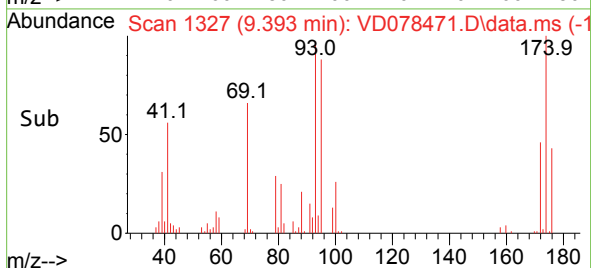
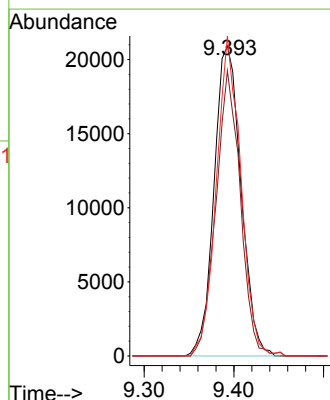
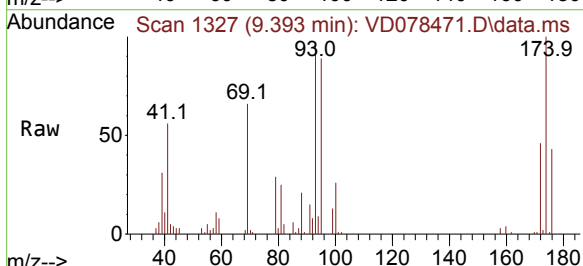
Tgt Ion: 93 Resp: 43479

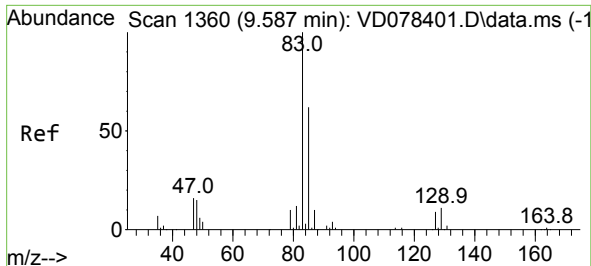
Ion Ratio Lower Upper

93 100

95 83.7 67.7 101.5

174 93.7 85.4 128.2

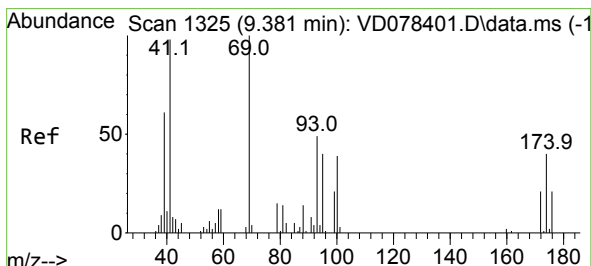
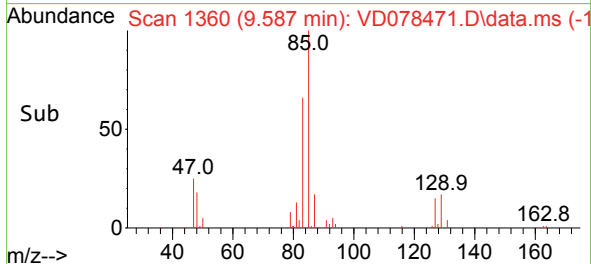
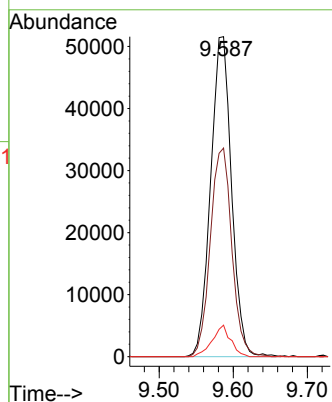
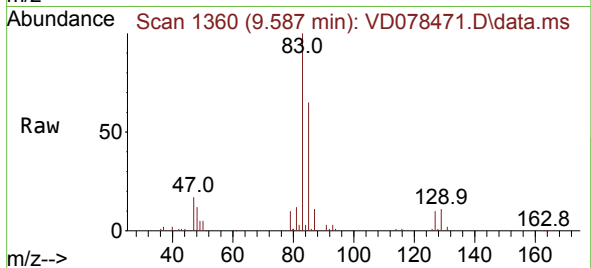




#47
Bromodichloromethane
Concen: 47.592 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

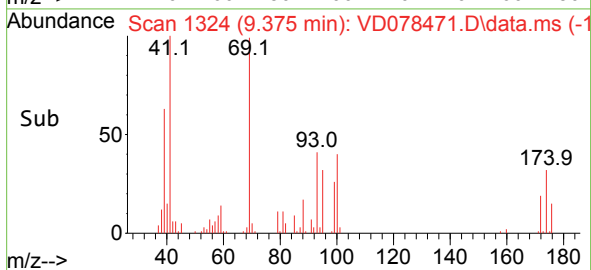
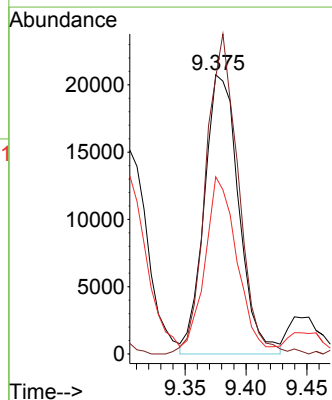
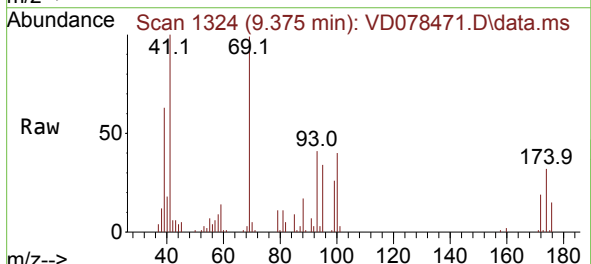
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 101200
Ion Ratio Lower Upper
83 100
85 65.2 50.2 75.4
127 9.9 6.3 9.5#



#48
Methyl methacrylate
Concen: 55.298 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 41 Resp: 40986
Ion Ratio Lower Upper
41 100
69 106.9 102.2 153.2
39 54.7 41.4 62.2





#49

1,4-Dioxane

Concen: 1132.913 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

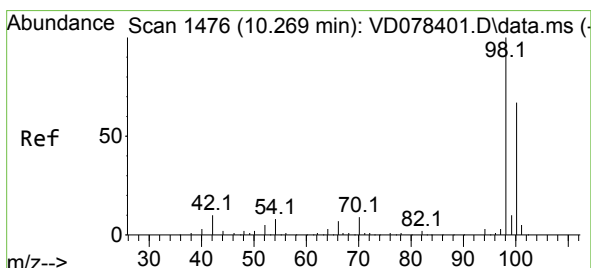
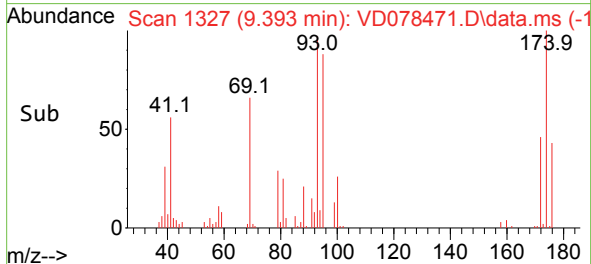
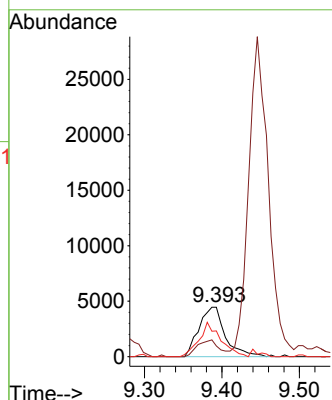
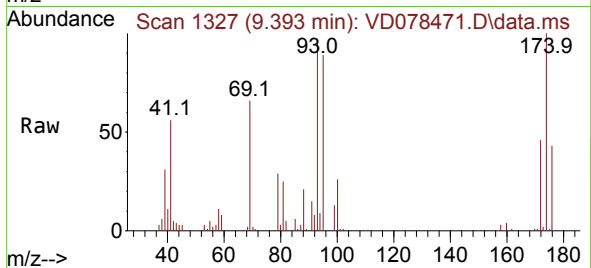
Tgt Ion: 88 Resp: 10533

Ion Ratio Lower Upper

88 100

43 27.3 19.0 28.6

58 57.1 43.5 65.3



#50

Toluene-d8

Concen: 53.442 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078471.D

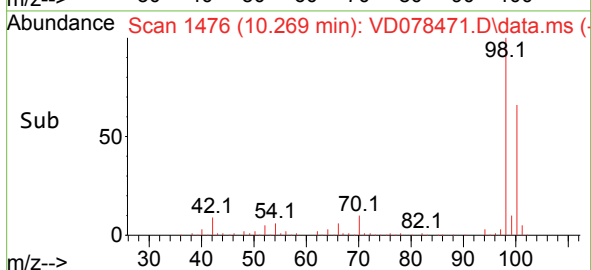
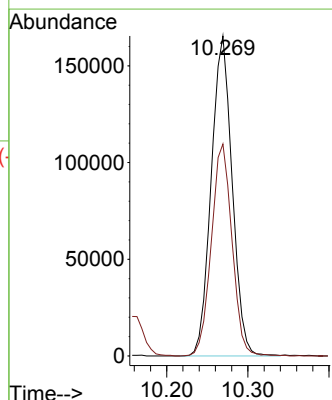
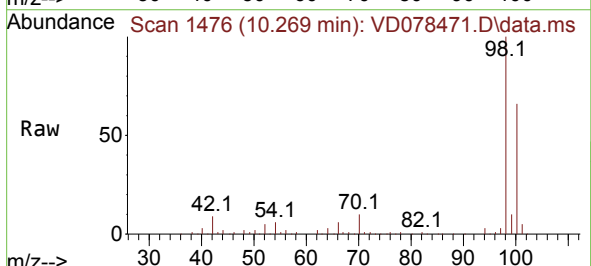
Acq: 19 Feb 2024 18:41

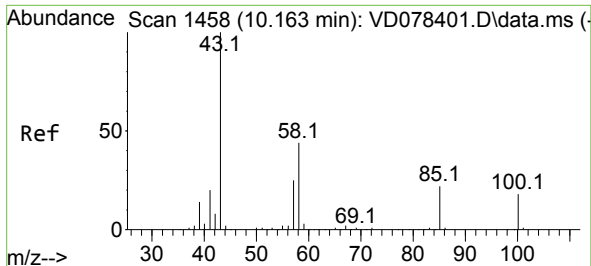
Tgt Ion: 98 Resp: 296178

Ion Ratio Lower Upper

98 100

100 65.4 50.3 75.5

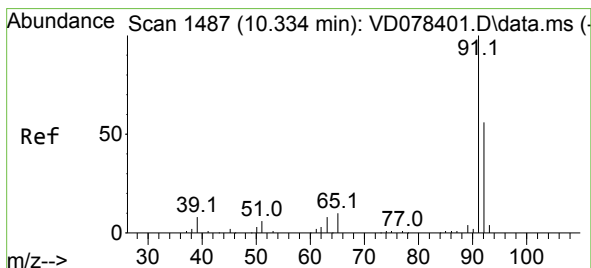
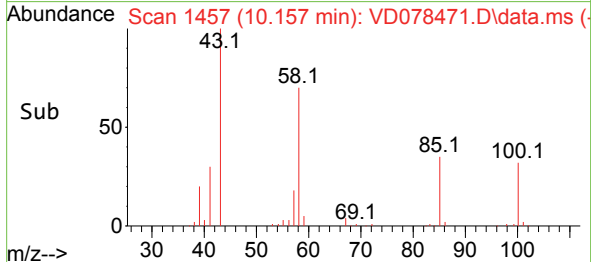
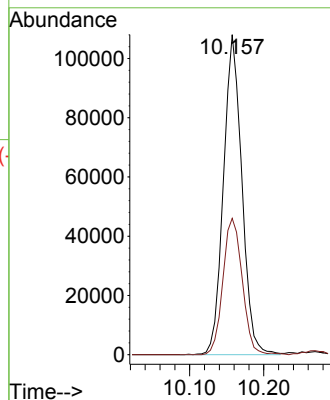
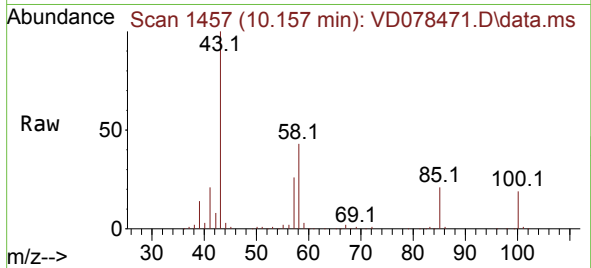




#51
4-Methyl-2-Pentanone
Concen: 251.621 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

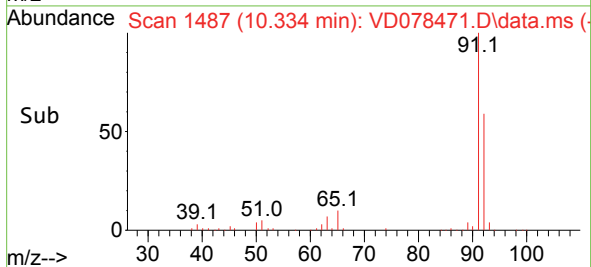
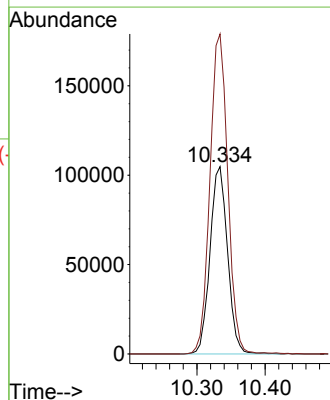
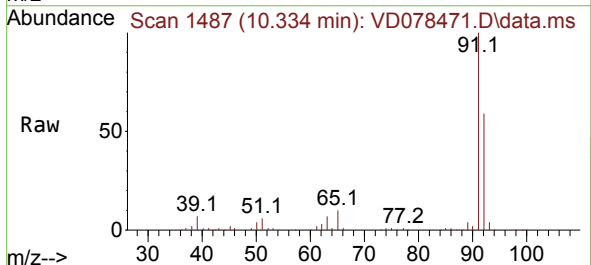
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

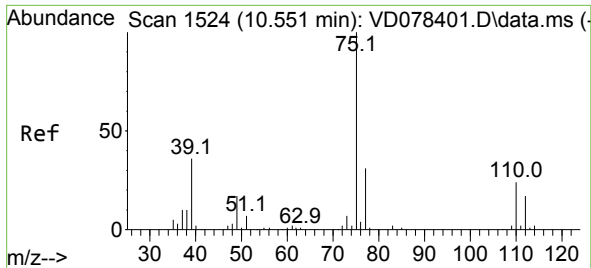
Tgt Ion: 43 Resp: 186573
Ion Ratio Lower Upper
43 100
58 44.7 38.9 58.3



#52
Toluene
Concen: 47.746 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 92 Resp: 187832
Ion Ratio Lower Upper
92 100
91 173.8 143.0 214.4

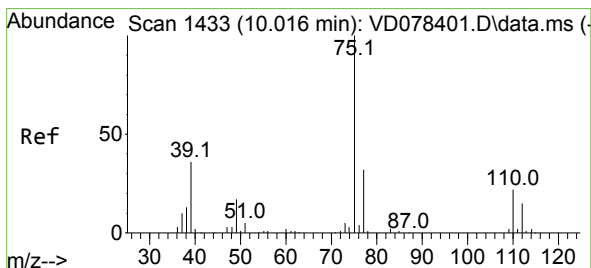
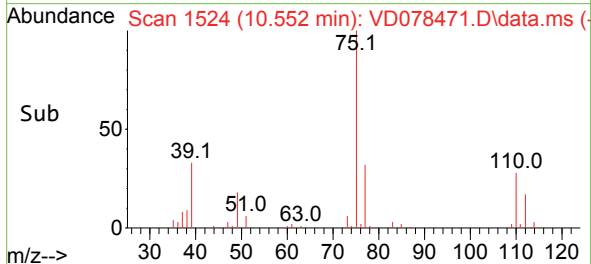
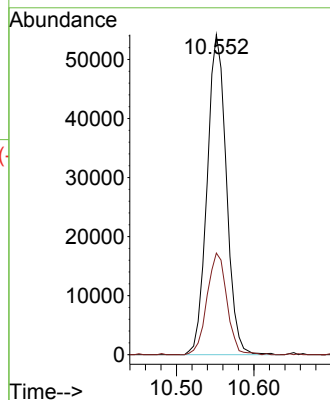
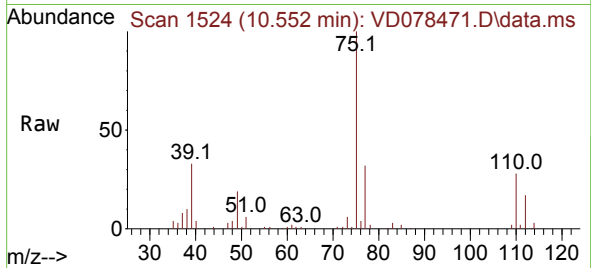




#53
t-1,3-Dichloropropene
Concen: 48.328 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

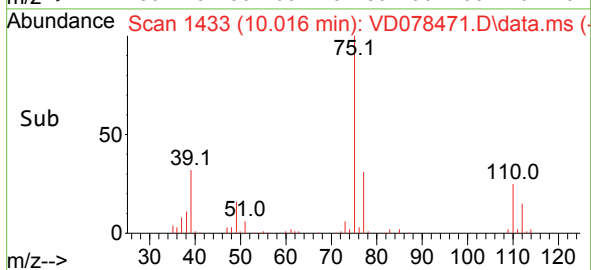
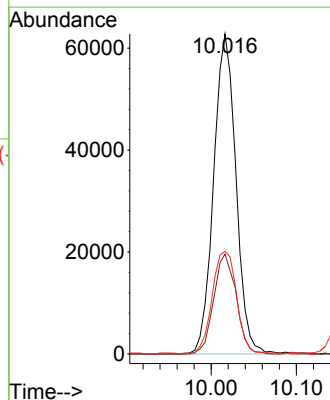
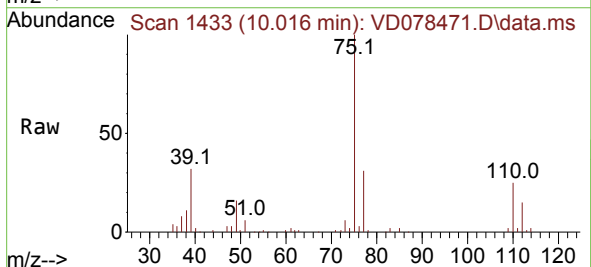
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

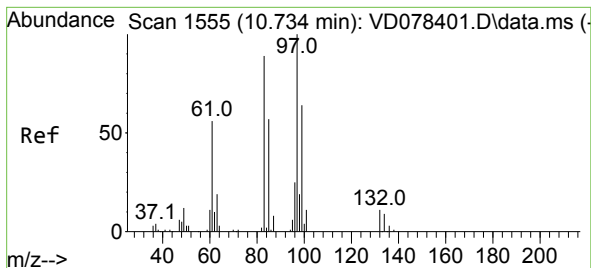
Tgt Ion: 75 Resp: 93768
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 48.513 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 75 Resp: 114137
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
39 32.1 22.1 33.1

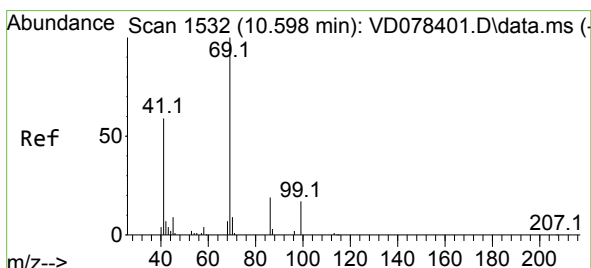
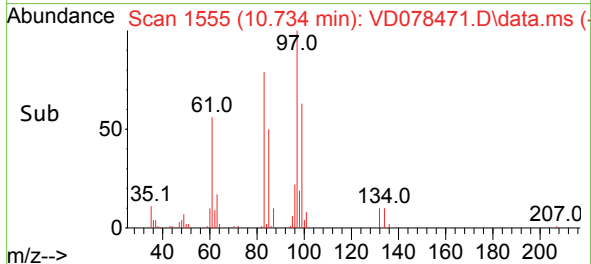
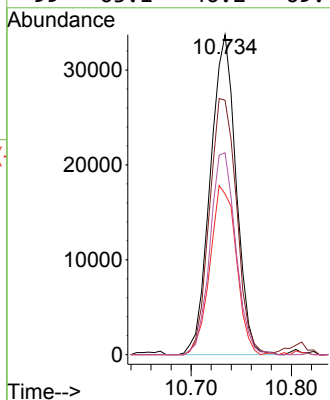
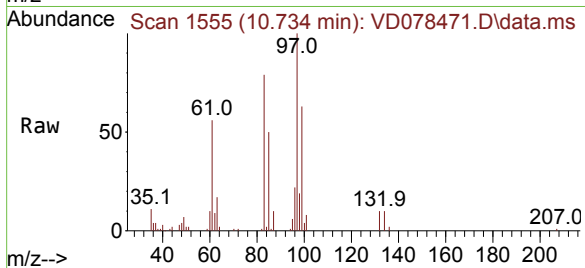




#55
 1,1,2-Trichloroethane
 Concen: 51.971 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. 0.000 min
 Lab File: VD078471.D
 Acq: 19 Feb 2024 18:41

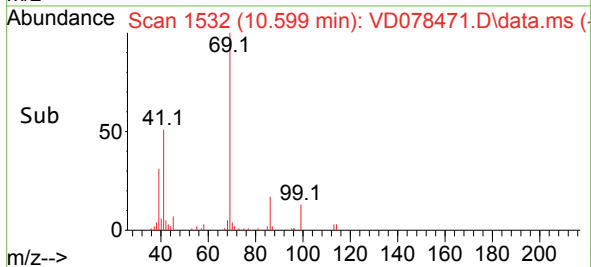
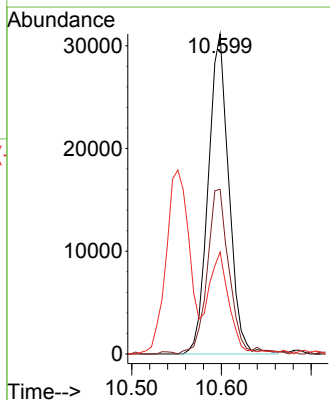
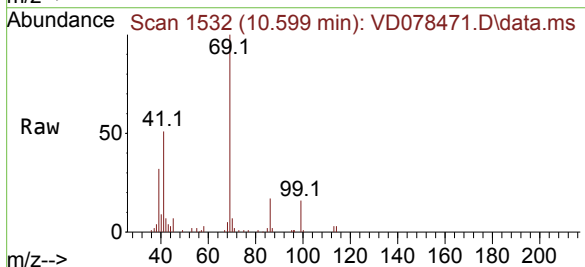
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

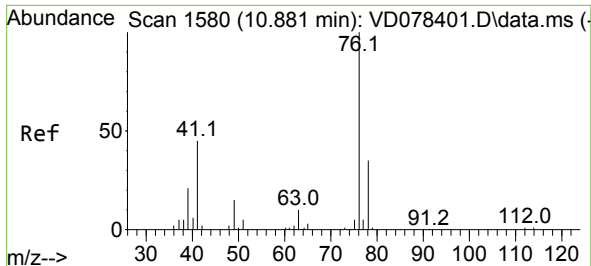
Tgt Ion: 97	Resp: 60086
Ion Ratio	Lower Upper
97 100	
83 79.5	65.8 98.6
85 50.2	45.7 68.5
99 63.1	46.2 69.4



#56
 Ethyl methacrylate
 Concen: 46.437 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD078471.D
 Acq: 19 Feb 2024 18:41

Tgt Ion: 69	Resp: 49654
Ion Ratio	Lower Upper
69 100	
41 53.7	39.1 58.7
39 30.3	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 49.834 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

Instrument :

MSVOA_D

ClientSampleId :

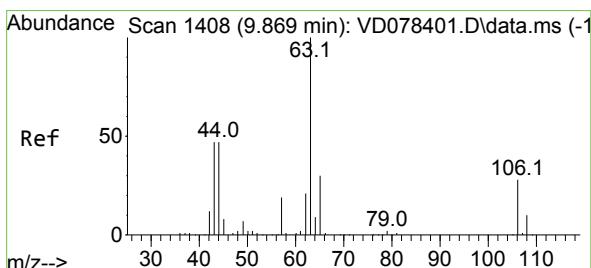
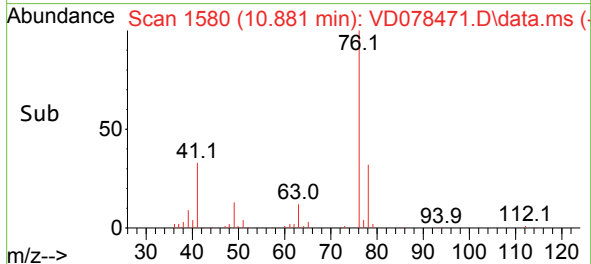
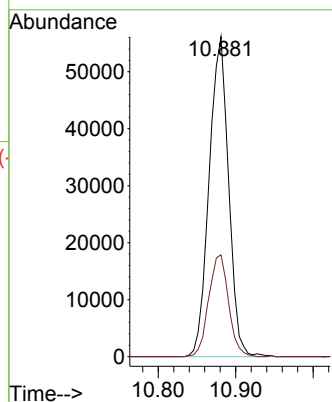
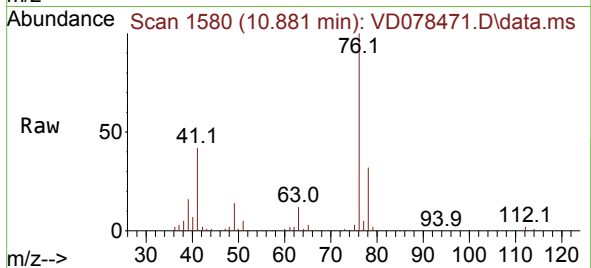
VSTDCCC050EC

Tgt Ion: 76 Resp: 98008

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 251.979 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078471.D

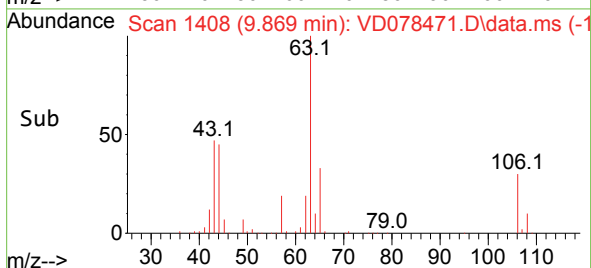
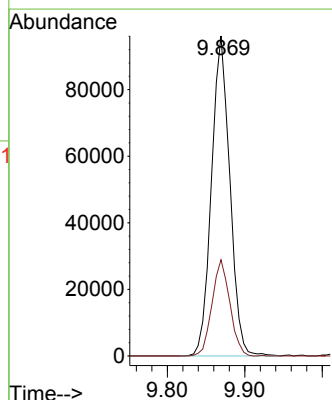
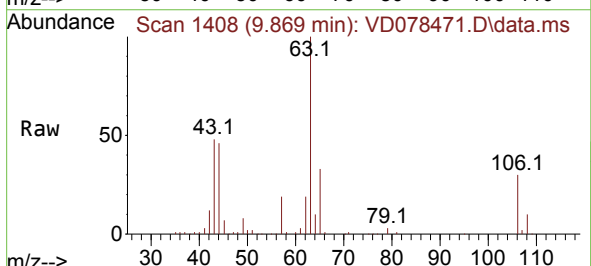
Acq: 19 Feb 2024 18:41

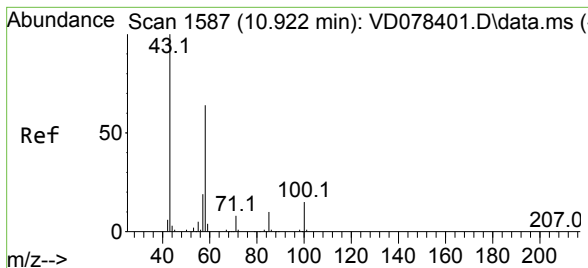
Tgt Ion: 63 Resp: 158707

Ion Ratio Lower Upper

63 100

106 29.1 25.3 37.9

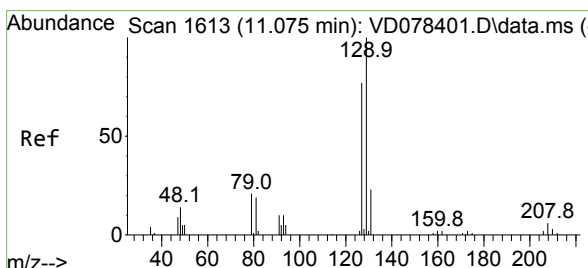
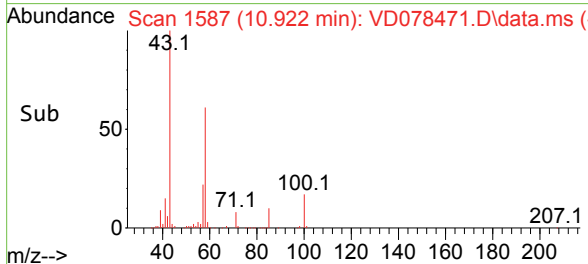
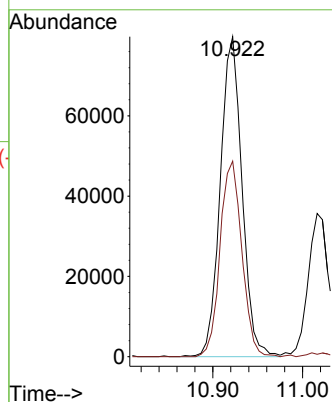
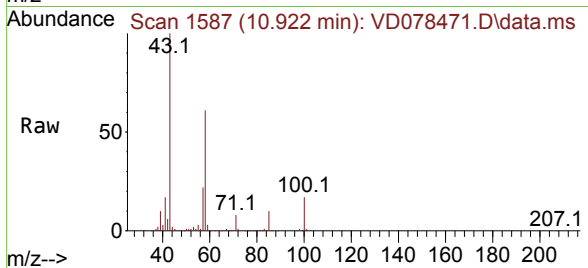




#59
2-Hexanone
Concen: 240.418 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

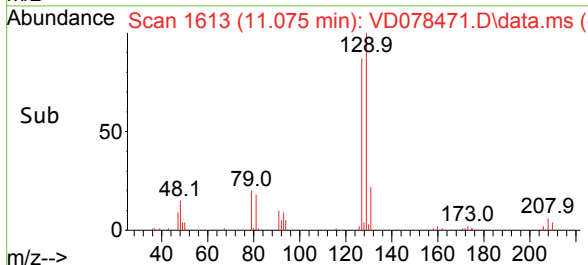
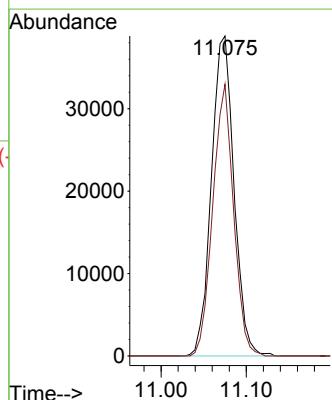
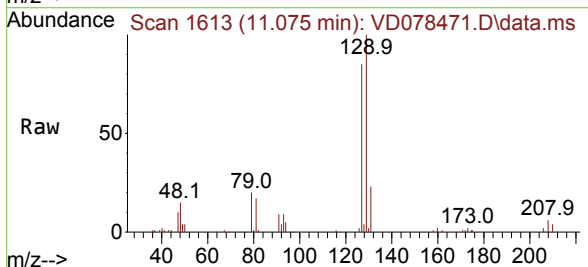
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

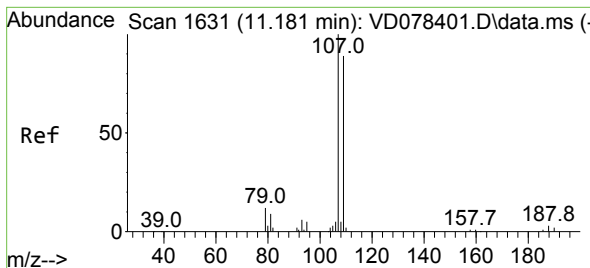
Tgt Ion: 43 Resp: 133969
Ion Ratio Lower Upper
43 100
58 61.2 34.1 102.2



#60
Dibromochloromethane
Concen: 51.362 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 129 Resp: 71447
Ion Ratio Lower Upper
129 100
127 78.3 37.1 111.5

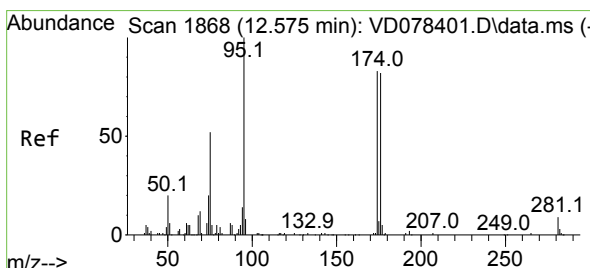
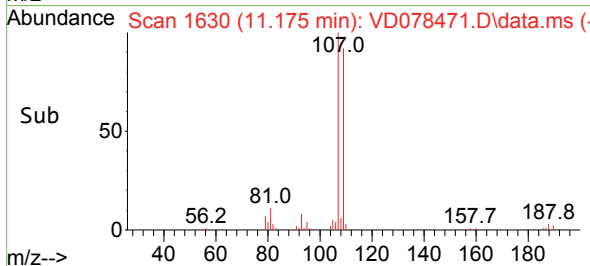
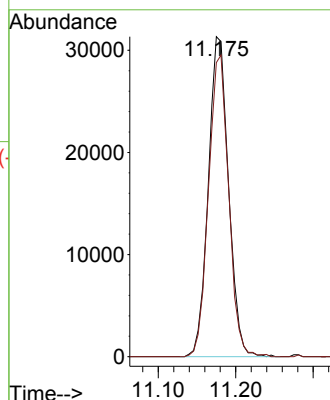
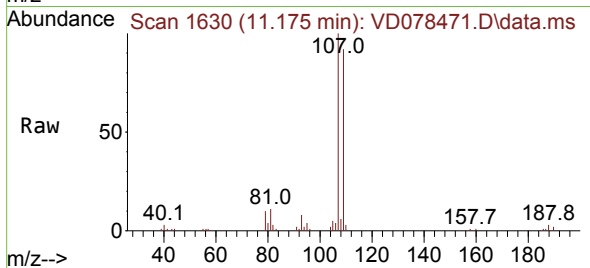




#61
1,2-Dibromoethane
Concen: 52.248 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

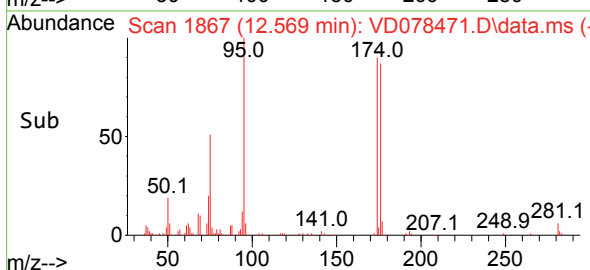
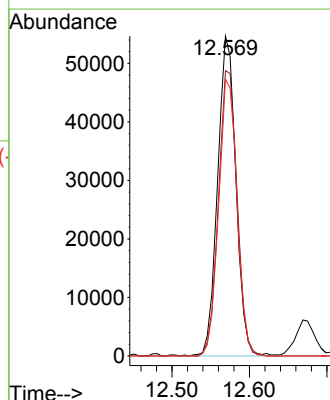
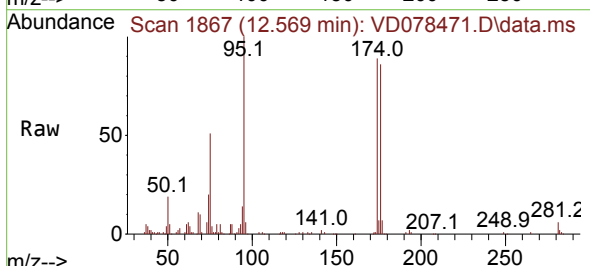
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

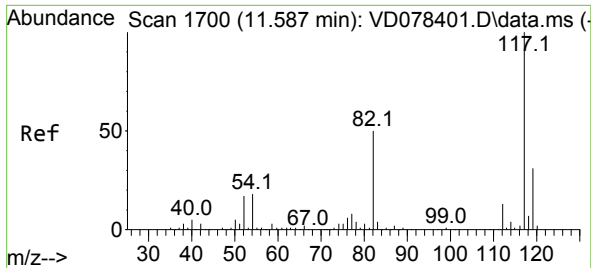
Tgt Ion:107 Resp: 56710
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.579 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 95 Resp: 89636
Ion Ratio Lower Upper
95 100
174 91.0 0.0 201.8
176 86.7 0.0 191.8

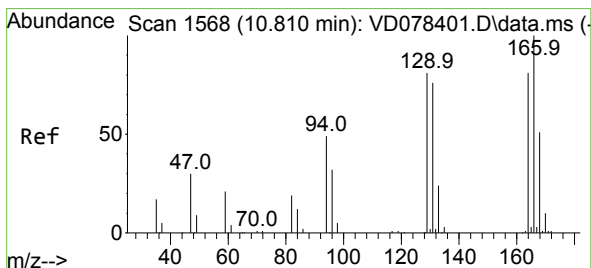
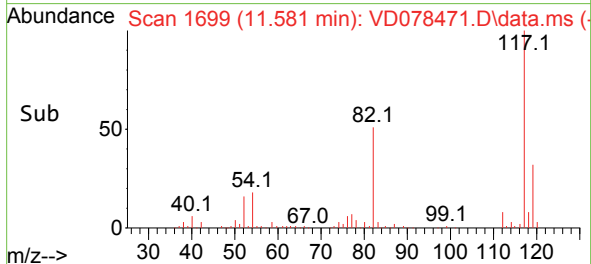
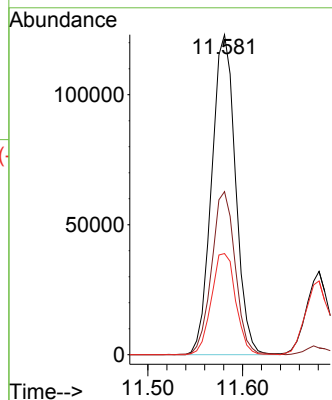
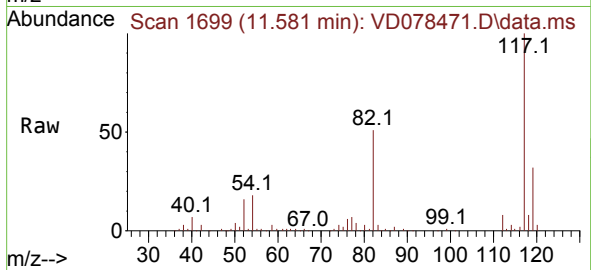




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

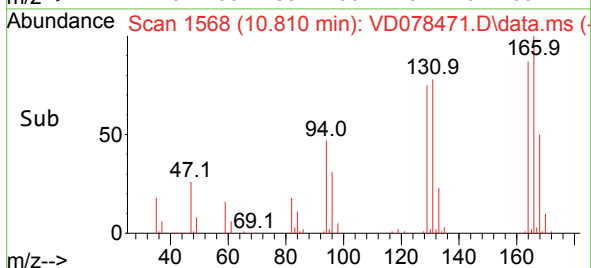
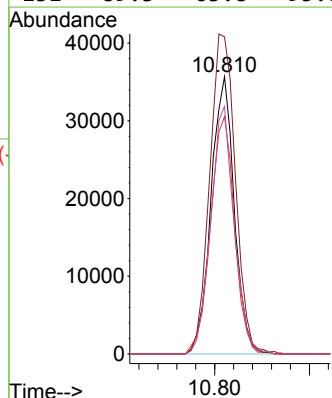
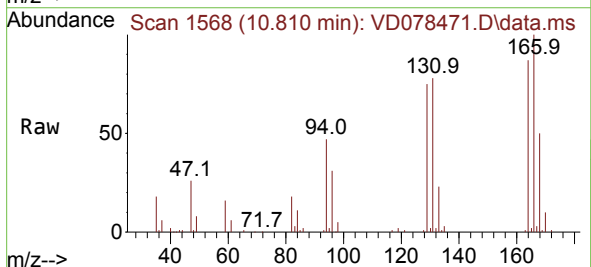
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

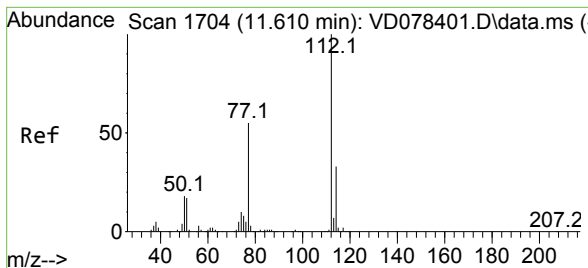
Tgt Ion:117 Resp: 215332
Ion Ratio Lower Upper
117 100
82 50.8 38.3 57.5
119 31.6 25.0 37.4



#64
Tetrachloroethene
Concen: 44.746 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion:164 Resp: 60859
Ion Ratio Lower Upper
164 100
166 114.4 99.2 148.8
129 85.5 68.4 102.6
131 89.3 63.8 95.8

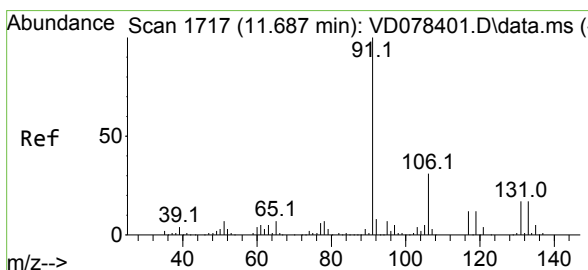
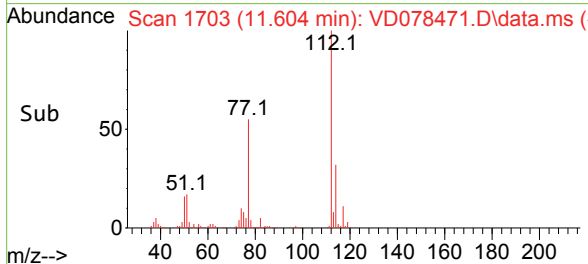
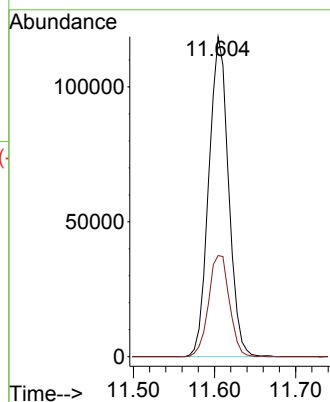
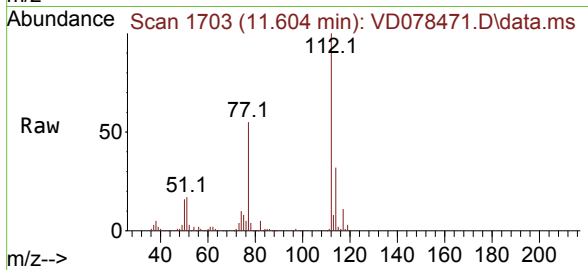




#65
Chlorobenzene
Concen: 46.195 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

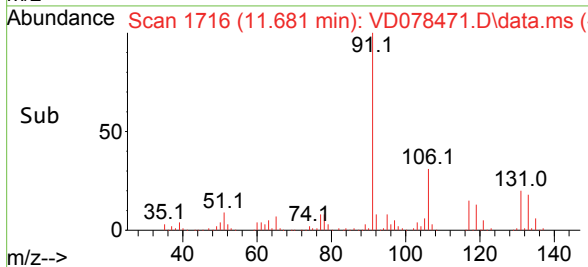
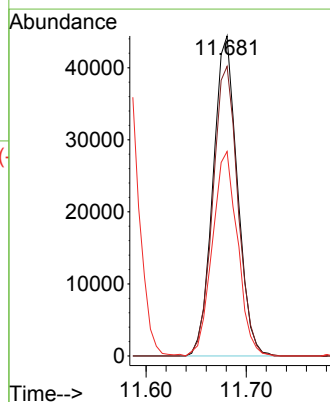
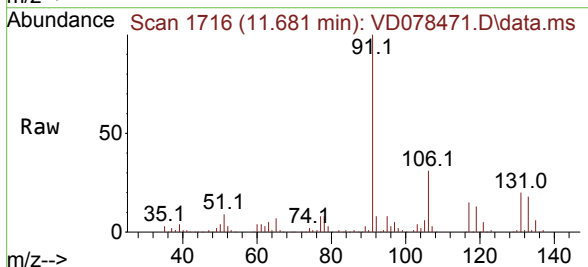
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

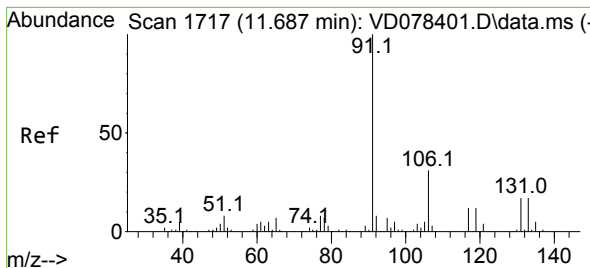
Tgt Ion:112 Resp: 199979
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 47.163 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion:131 Resp: 75031
Ion Ratio Lower Upper
131 100
133 93.2 48.5 145.5
119 66.2 35.6 106.9





#67

Ethyl Benzene

Concen: 45.056 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

Instrument :

MSVOA_D

ClientSampleId :

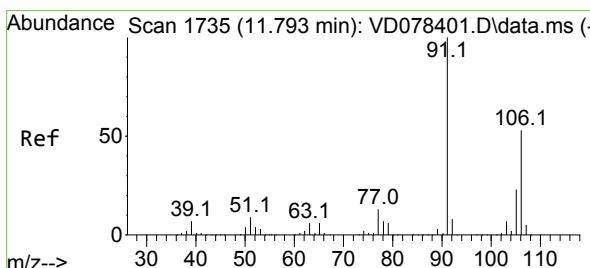
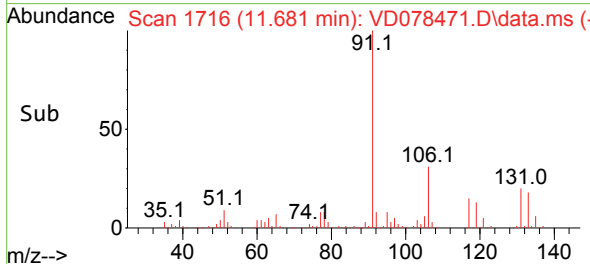
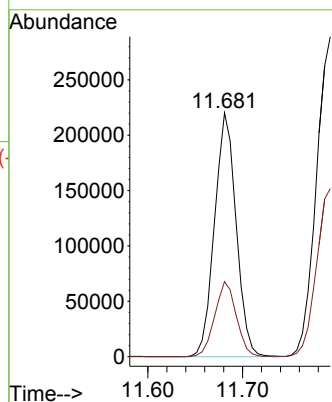
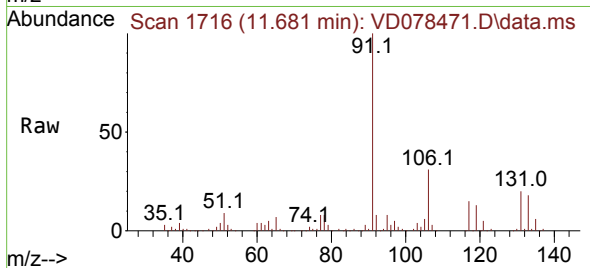
VSTDCCC050EC

Tgt Ion: 91 Resp: 349475

Ion Ratio Lower Upper

91 100

106 30.8 26.5 39.7



#68

m/p-Xylenes

Concen: 91.568 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078471.D

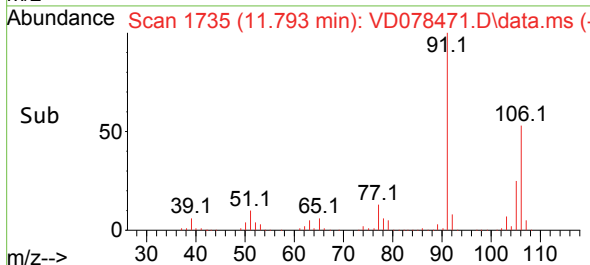
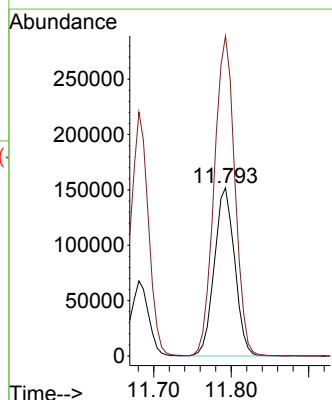
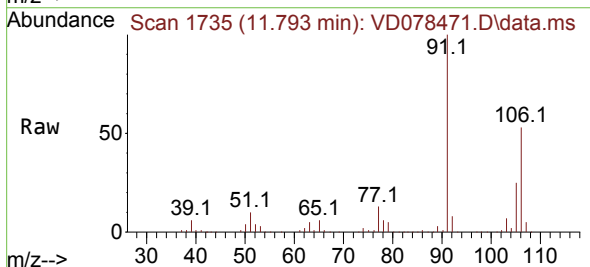
Acq: 19 Feb 2024 18:41

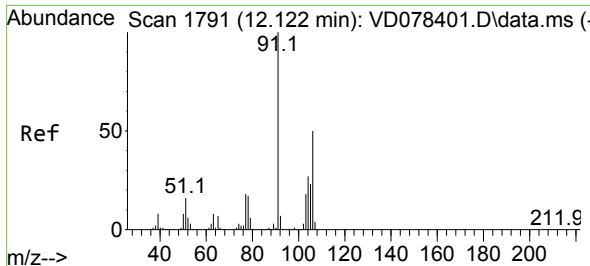
Tgt Ion:106 Resp: 277043

Ion Ratio Lower Upper

106 100

91 192.8 147.0 220.6

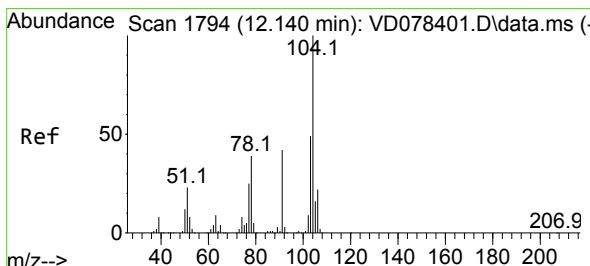
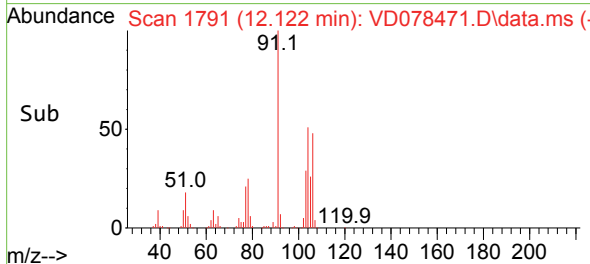
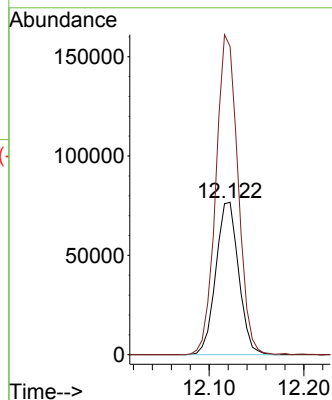
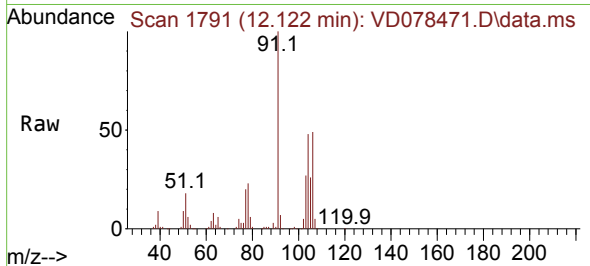




#69
o-Xylene
Concen: 46.484 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

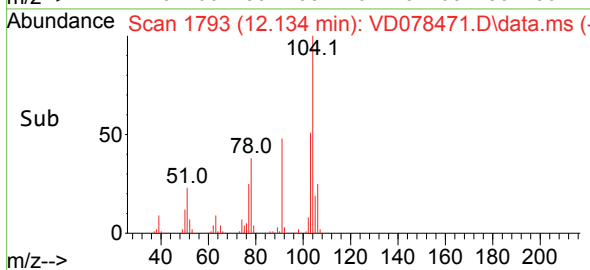
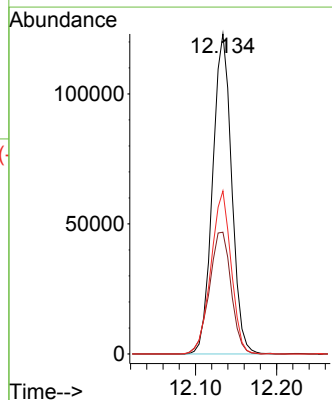
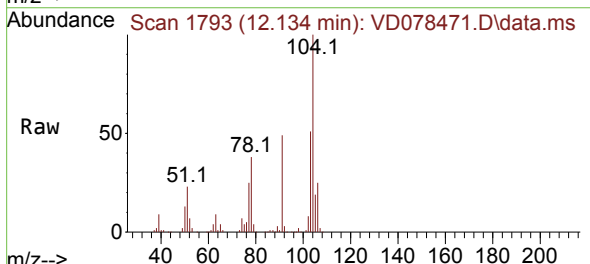
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

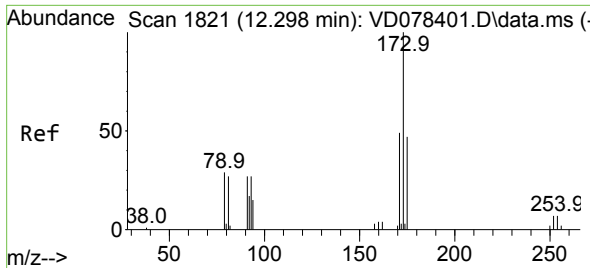
Tgt Ion:106 Resp: 128344
Ion Ratio Lower Upper
106 100
91 204.1 97.9 293.6



#70
Styrene
Concen: 44.457 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion:104 Resp: 200328
Ion Ratio Lower Upper
104 100
78 43.7 33.2 49.8
103 54.0 43.6 65.4

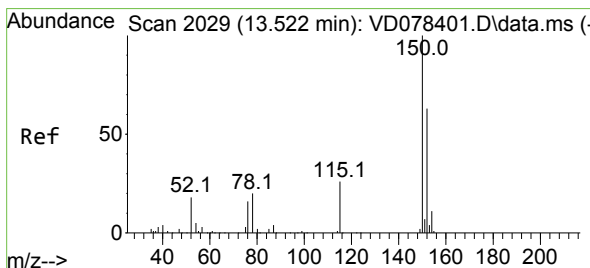
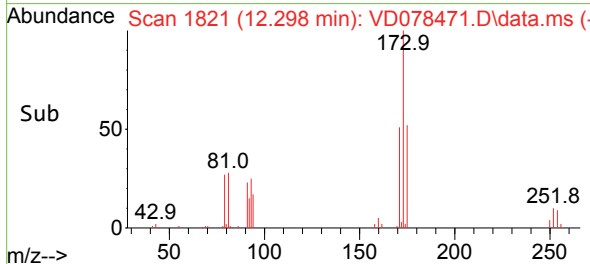
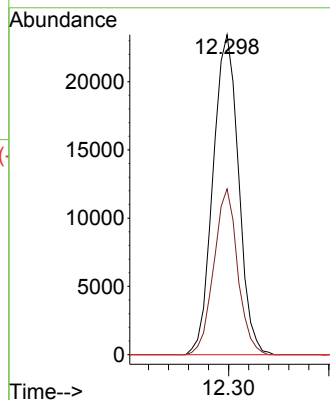
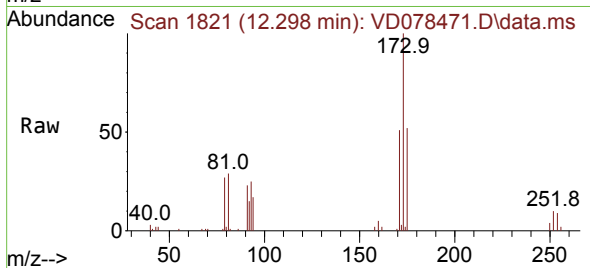




#71
Bromoform
Concen: 49.551 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

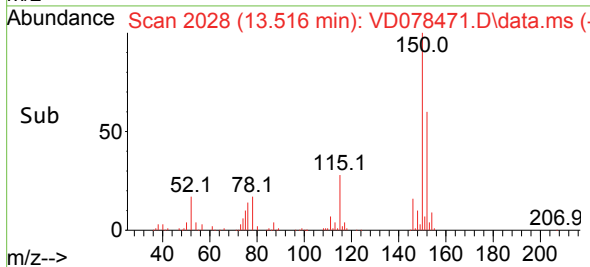
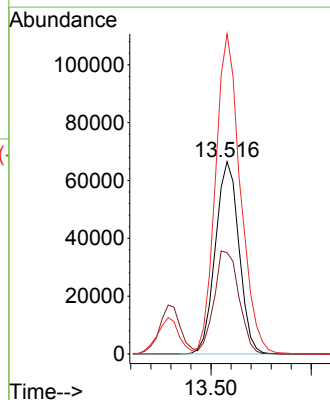
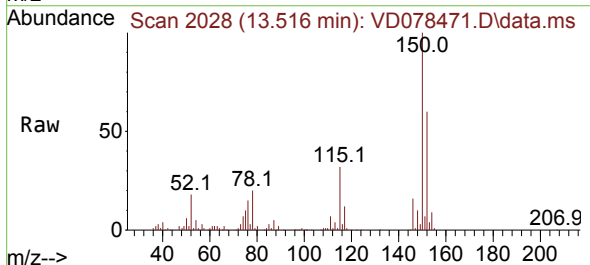
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

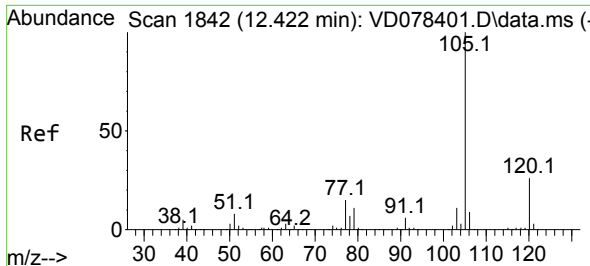
Tgt Ion:173 Resp: 41492
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion:152 Resp: 108762
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 175.7 0.0 353.6

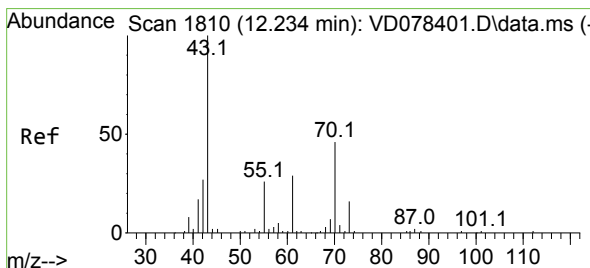
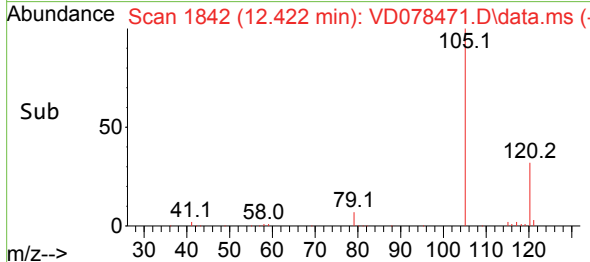
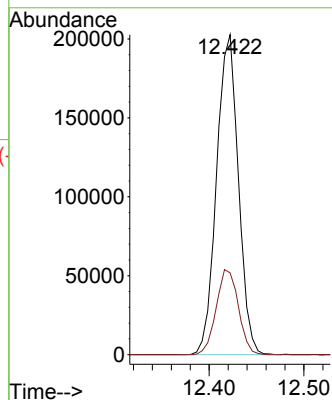
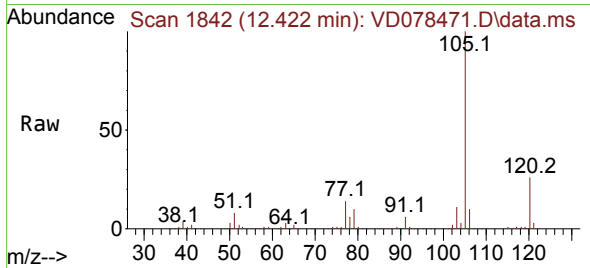




#73
Isopropylbenzene
Concen: 44.404 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

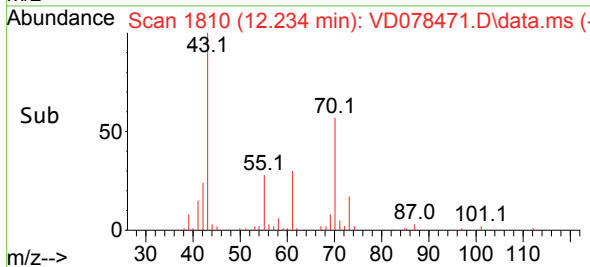
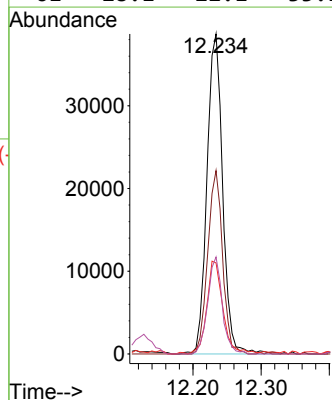
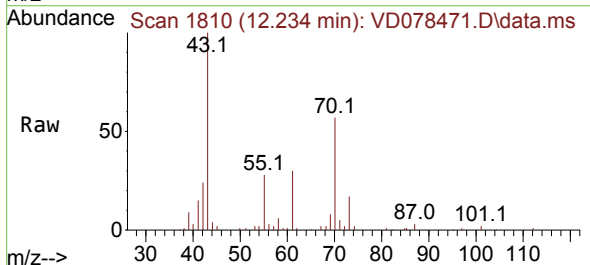
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

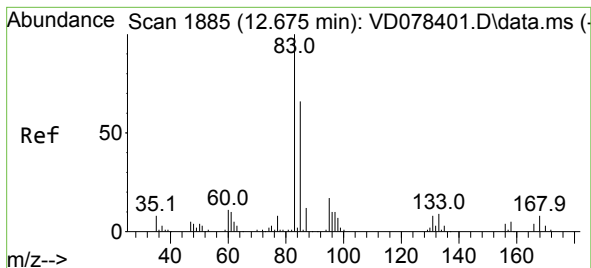
Tgt Ion:105 Resp: 324294
Ion Ratio Lower Upper
105 100
120 27.0 14.3 42.9



#74
N-ethyl acetate
Concen: 44.949 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 43 Resp: 62103
Ion Ratio Lower Upper
43 100
70 54.0 45.0 67.4
55 29.9 23.8 35.6
61 28.1 22.1 33.1

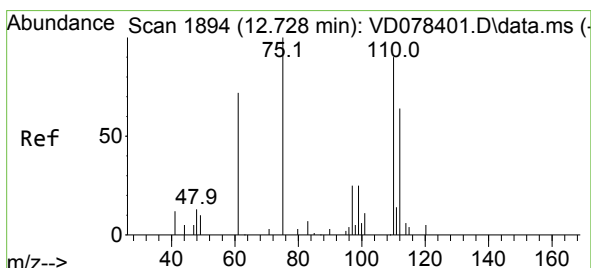
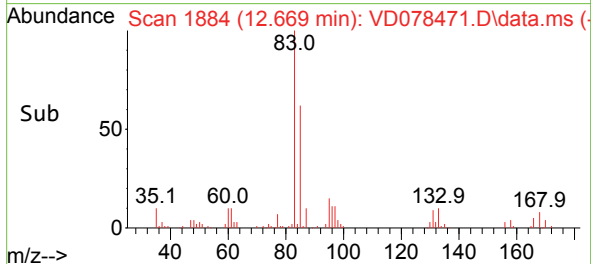
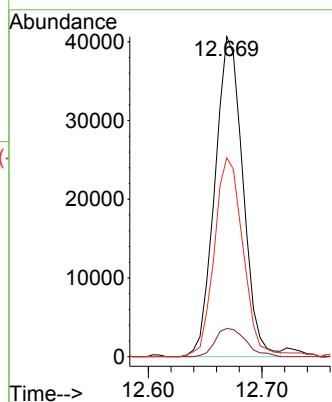
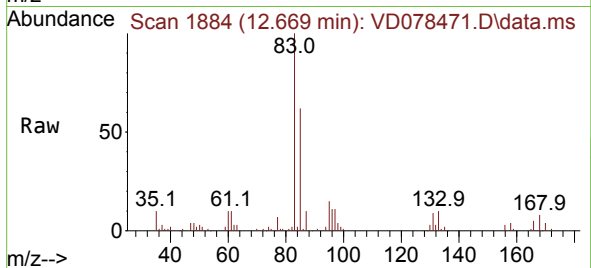




#75
1,1,2,2-Tetrachloroethane
Concen: 48.120 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

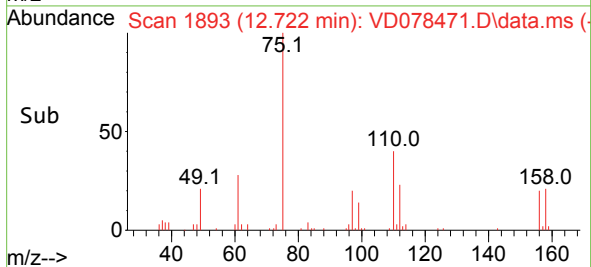
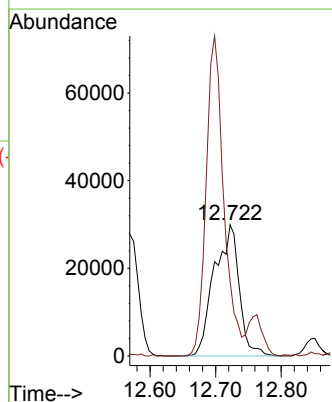
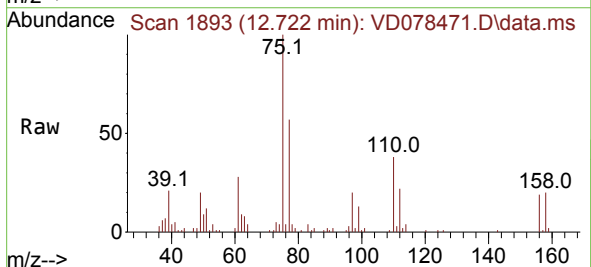
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

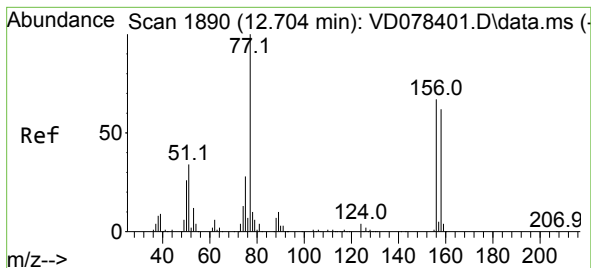
Tgt Ion: 83 Resp: 69712
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 64.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 85.620 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 75 Resp: 79058
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.059 ug/l

RT: 12.698 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

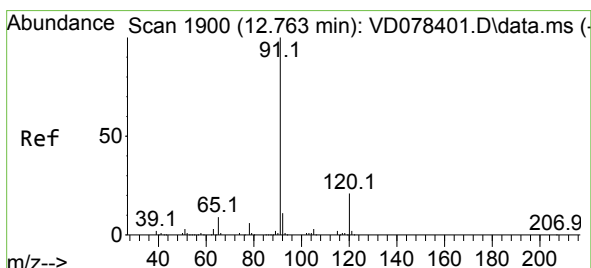
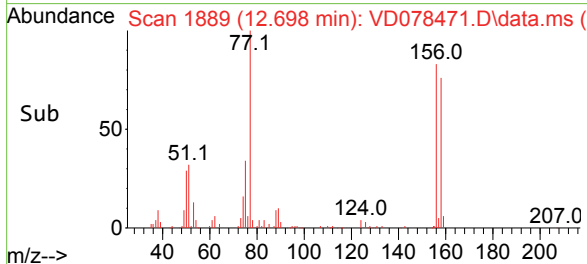
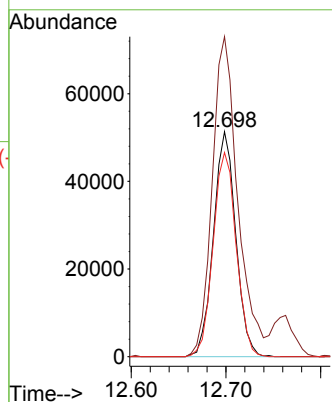
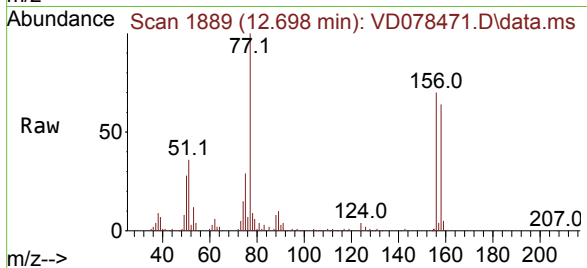
Tgt Ion:156 Resp: 84204

Ion Ratio Lower Upper

156 100

77 162.3 76.8 230.4

158 93.7 48.6 145.9



#78

n-propylbenzene

Concen: 44.198 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078471.D

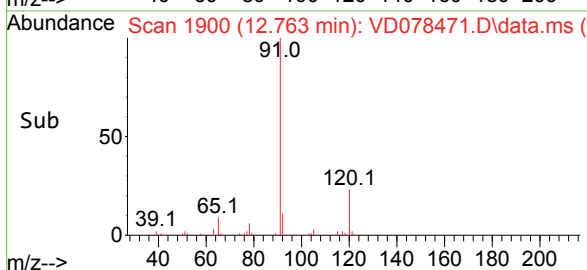
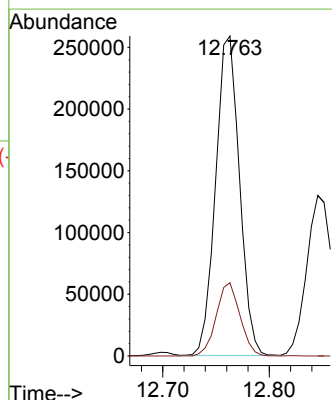
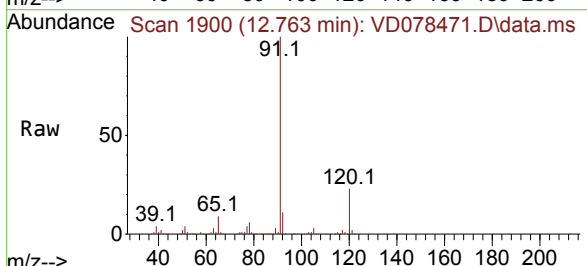
Acq: 19 Feb 2024 18:41

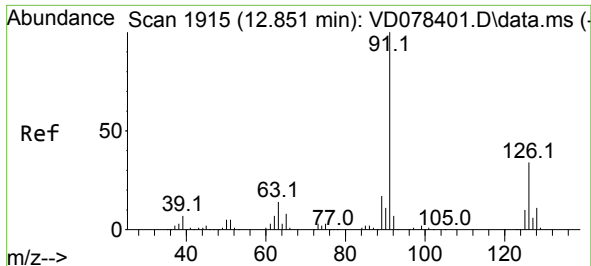
Tgt Ion: 91 Resp: 402258

Ion Ratio Lower Upper

91 100

120 22.8 12.4 37.2

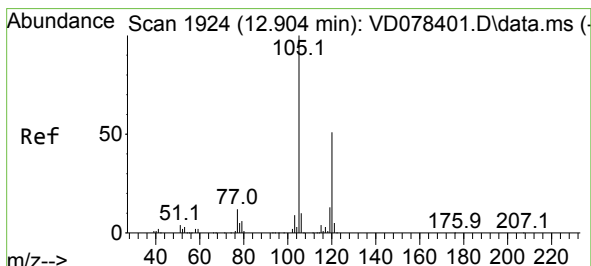
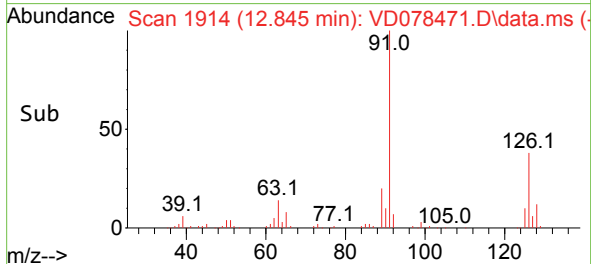
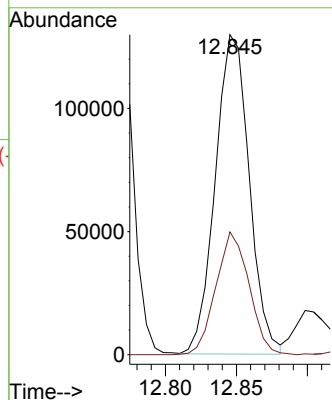
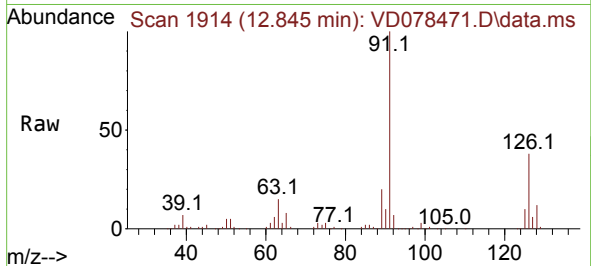




#79
2-Chlorotoluene
Concen: 44.320 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

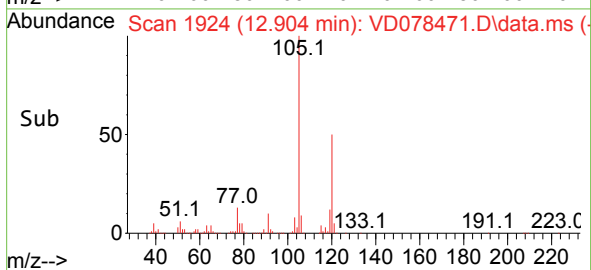
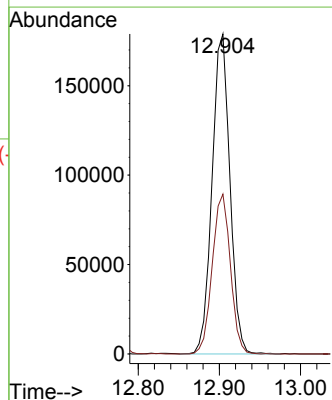
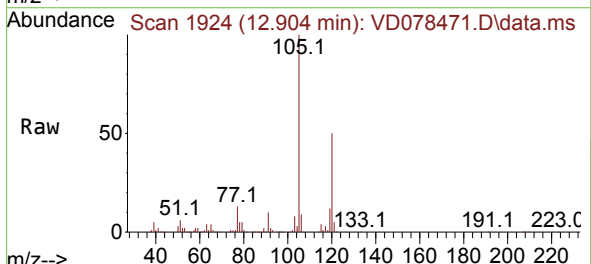
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

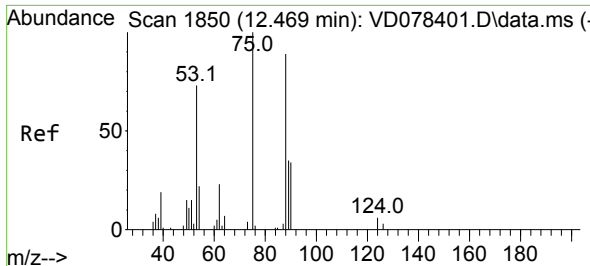
Tgt Ion: 91 Resp: 216044
Ion Ratio Lower Upper
91 100
126 37.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 45.013 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 105 Resp: 272975
Ion Ratio Lower Upper
105 100
120 50.8 26.4 79.2

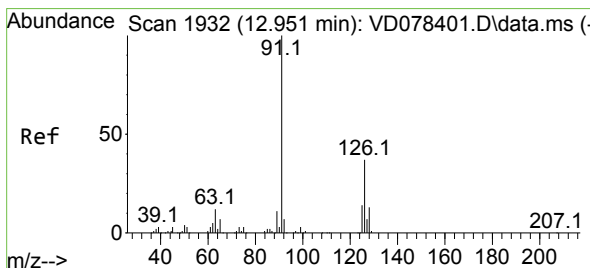
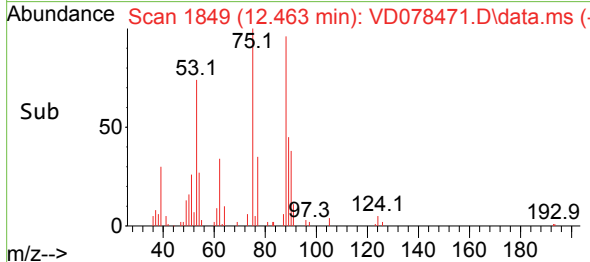
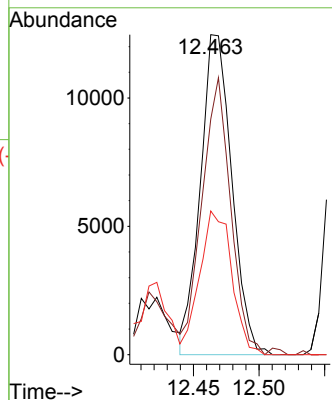
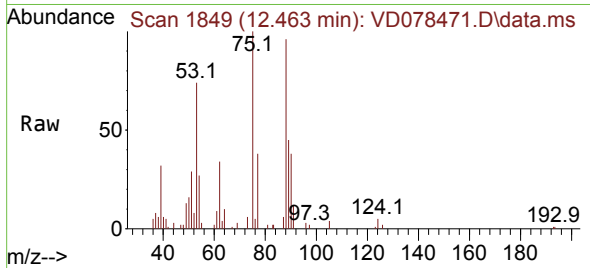




#81
trans-1,4-Dichloro-2-butene
Concen: 46.783 ug/l
RT: 12.463 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

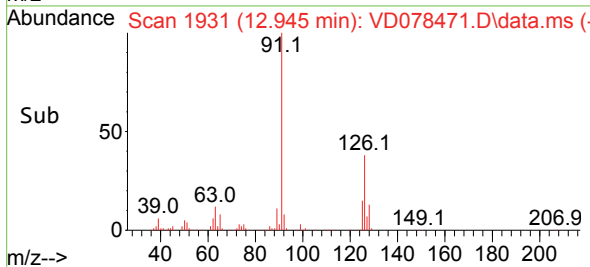
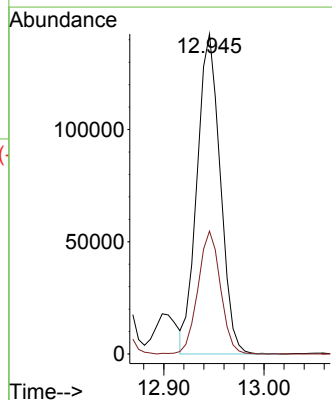
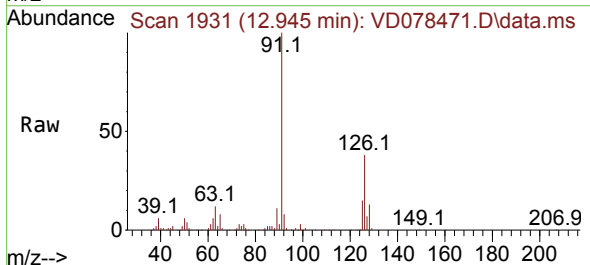
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

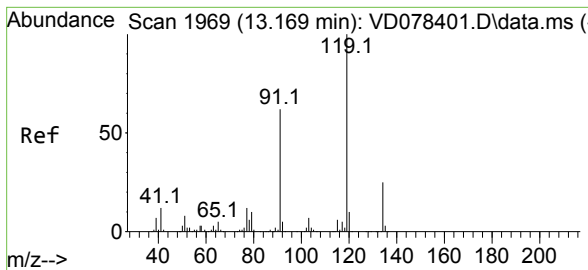
Tgt Ion: 75 Resp: 20808
Ion Ratio Lower Upper
75 100
53 79.7 63.0 94.4
89 45.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 43.828 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 91 Resp: 229458
Ion Ratio Lower Upper
91 100
126 37.2 19.4 58.4

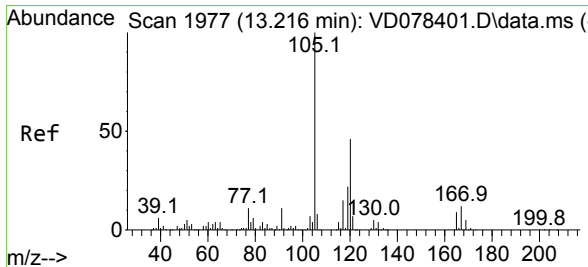
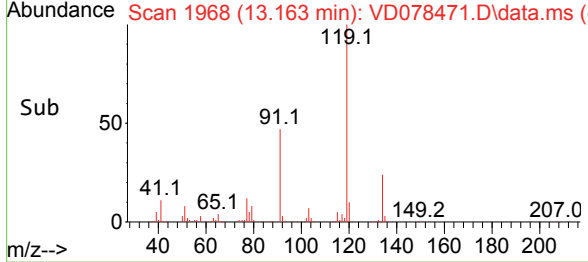
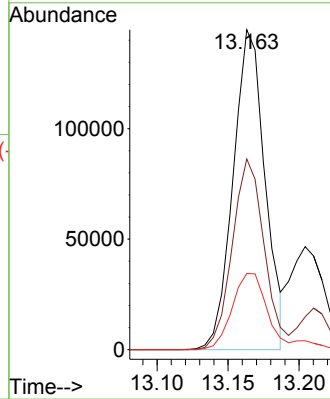
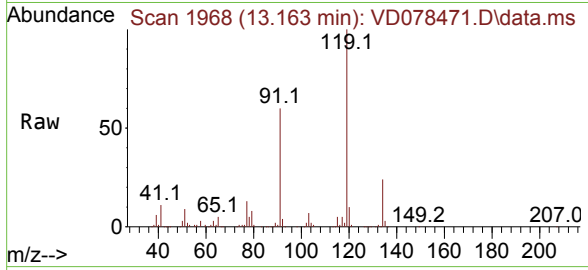




#83
tert-Butylbenzene
Concen: 44.244 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

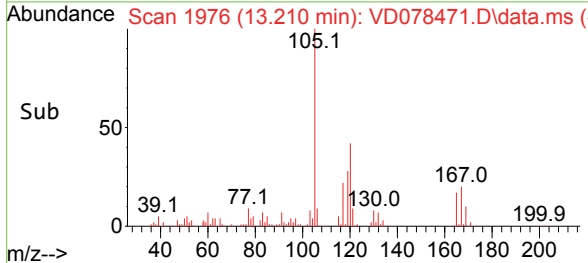
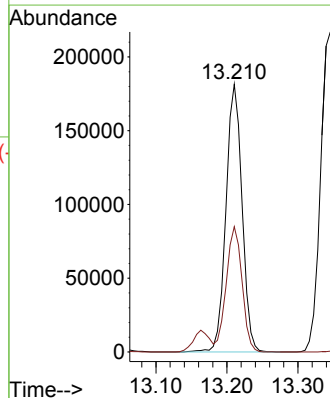
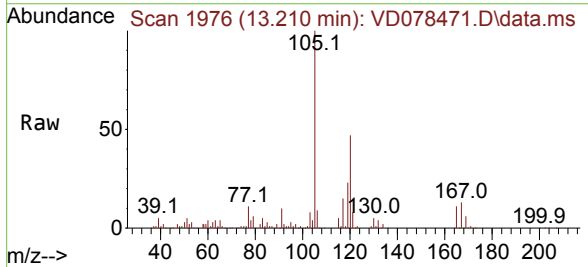
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

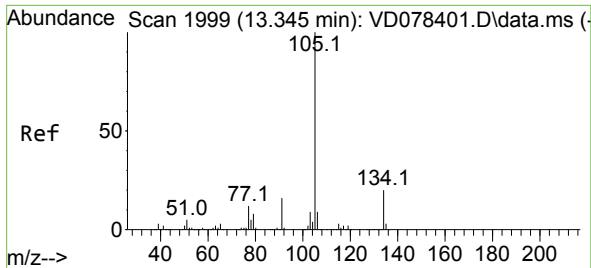
Tgt Ion:119 Resp: 226280
Ion Ratio Lower Upper
119 100
91 59.9 29.3 87.8
134 28.0 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 46.275 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion:105 Resp: 284808
Ion Ratio Lower Upper
105 100
120 46.1 24.3 72.9

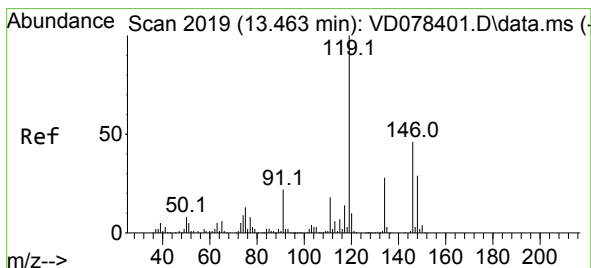
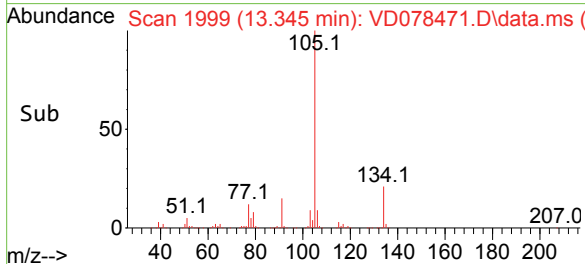
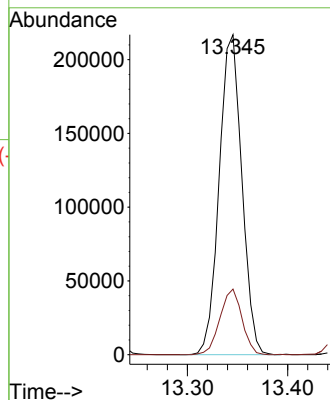
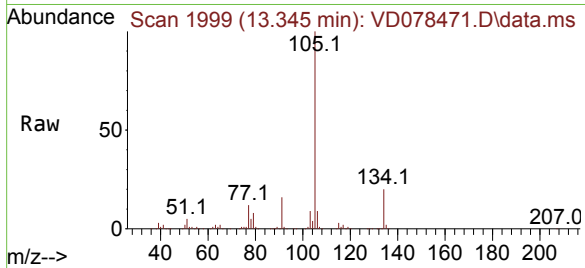




#85
 sec-Butylbenzene
 Concen: 42.811 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078471.D
 Acq: 19 Feb 2024 18:41

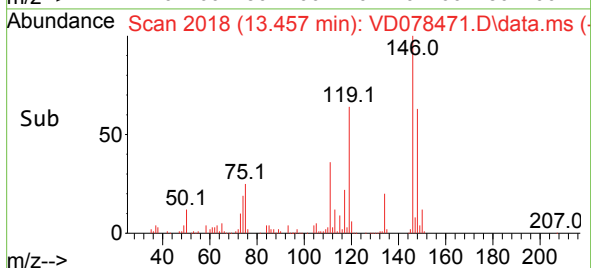
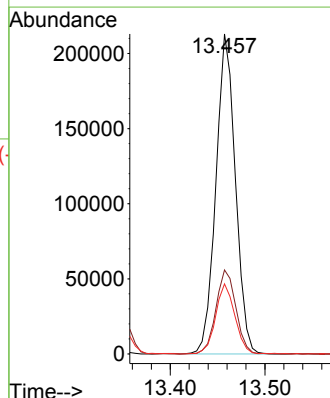
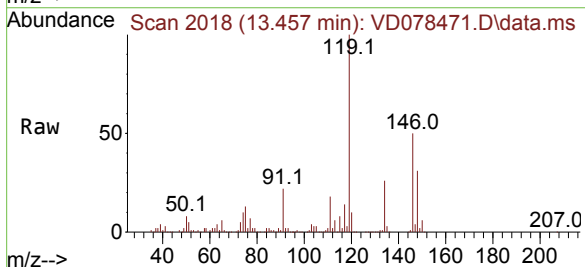
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

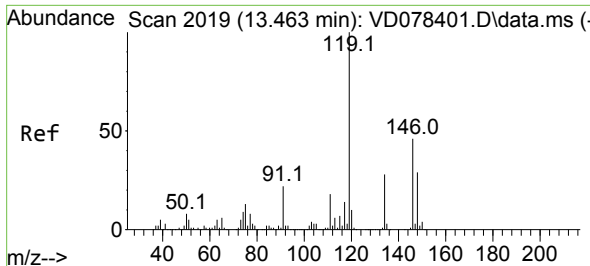
Tgt Ion:105 Resp: 339564
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 45.139 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD078471.D
 Acq: 19 Feb 2024 18:41

Tgt Ion:119 Resp: 304952
 Ion Ratio Lower Upper
 119 100
 134 26.8 14.2 42.6
 91 21.7 10.5 31.5

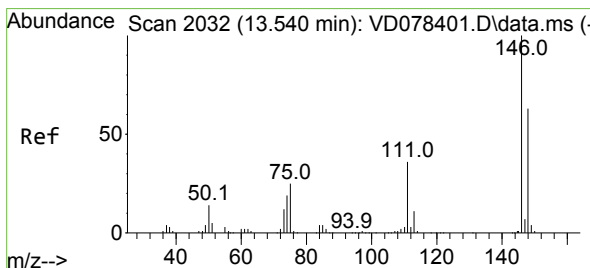
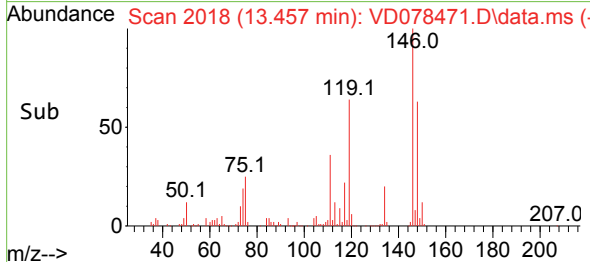
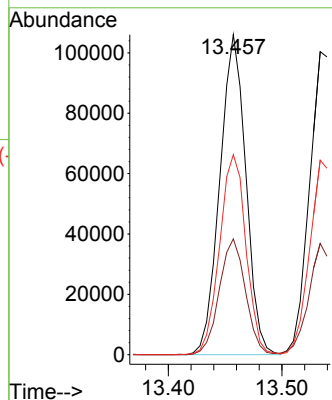
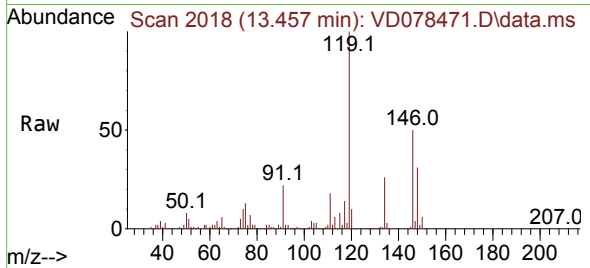




#87
 1,3-Dichlorobenzene
 Concen: 46.033 ug/l
 RT: 13.457 min Scan# 2019
 Delta R.T. -0.006 min
 Lab File: VD078471.D
 Acq: 19 Feb 2024 18:41

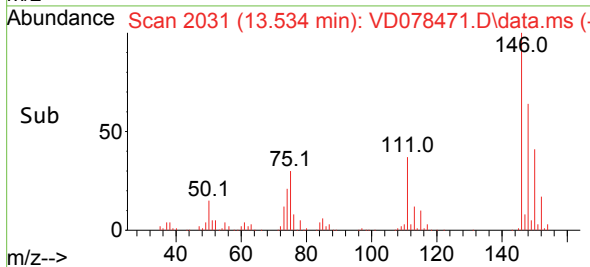
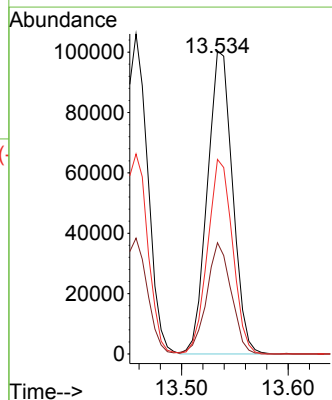
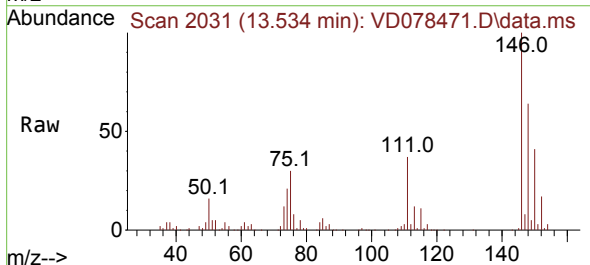
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

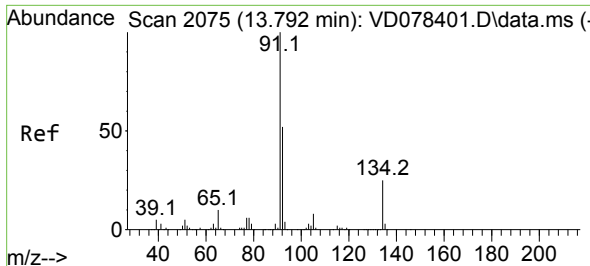
Tgt Ion:146 Resp: 168631
 Ion Ratio Lower Upper
 146 100
 111 36.4 17.9 53.8
 148 63.4 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 45.921 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.006 min
 Lab File: VD078471.D
 Acq: 19 Feb 2024 18:41

Tgt Ion:146 Resp: 165289
 Ion Ratio Lower Upper
 146 100
 111 35.9 17.4 52.3
 148 63.6 31.7 95.1

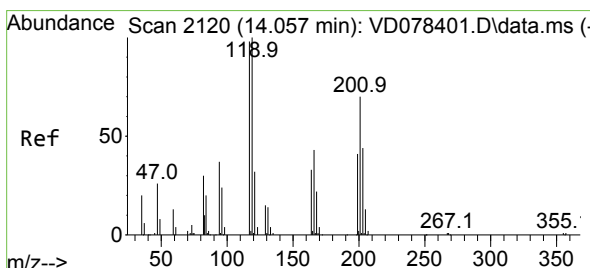
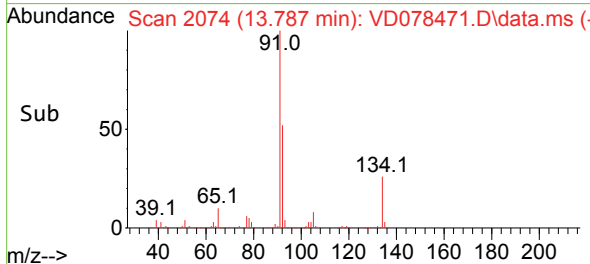
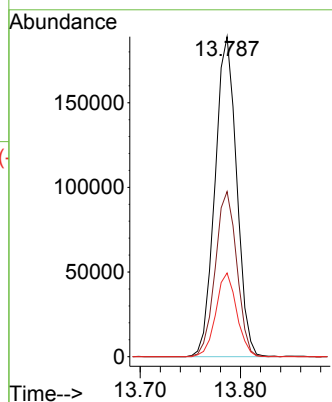
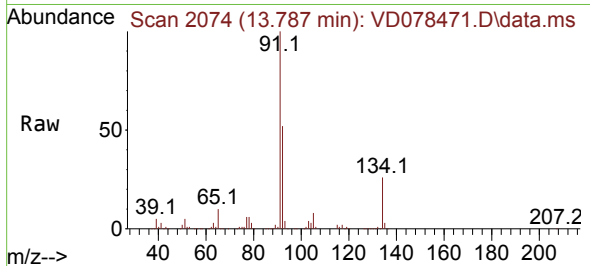




#89
n-Butylbenzene
Concen: 43.510 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

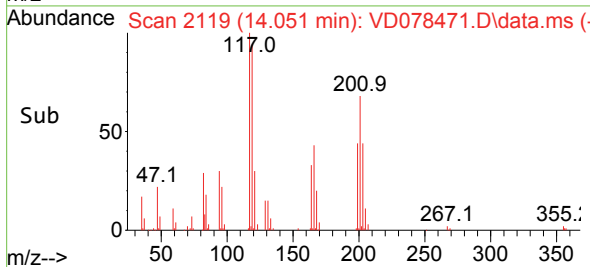
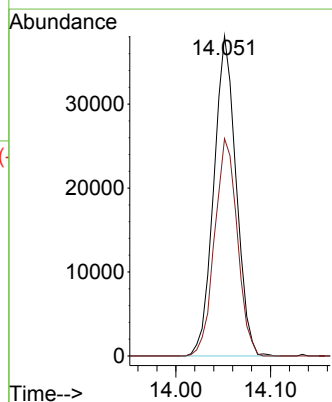
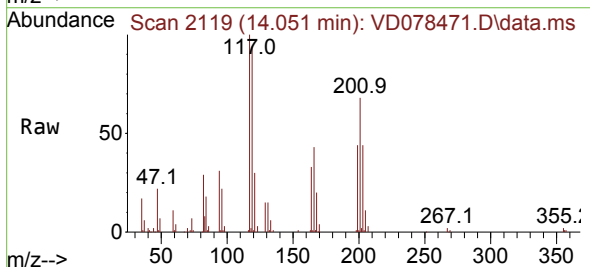
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

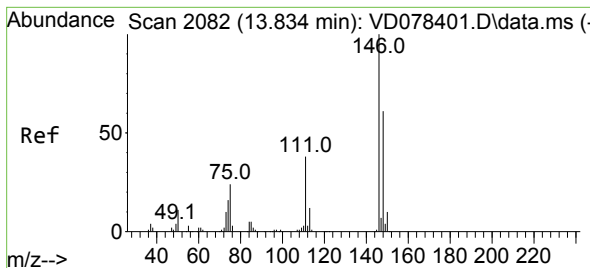
Tgt Ion: 91 Resp: 283323
Ion Ratio Lower Upper
91 100
92 51.3 26.5 79.5
134 25.2 13.8 41.3



#90
Hexachloroethane
Concen: 44.909 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078471.D
Acq: 19 Feb 2024 18:41

Tgt Ion: 117 Resp: 62358
Ion Ratio Lower Upper
117 100
201 69.2 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 47.765 ug/l

RT: 13.828 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

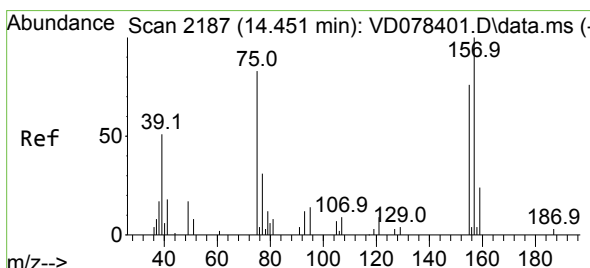
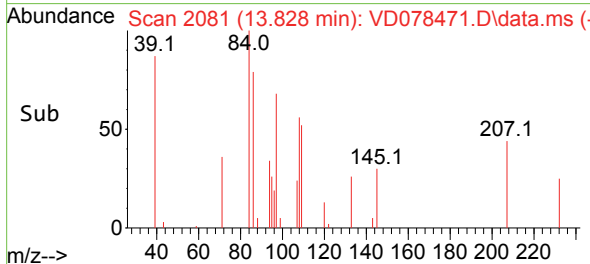
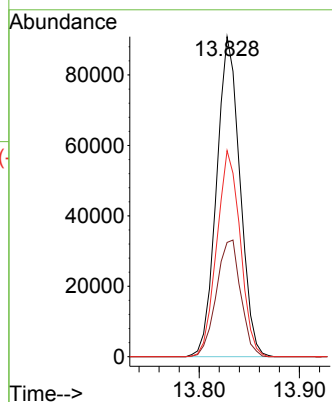
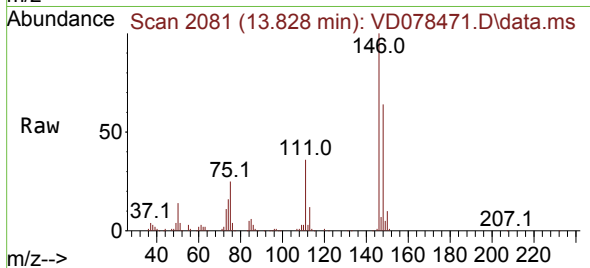
Tgt Ion:146 Resp: 146932

Ion Ratio Lower Upper

146 100

111 38.1 18.3 54.8

148 64.7 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.026 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

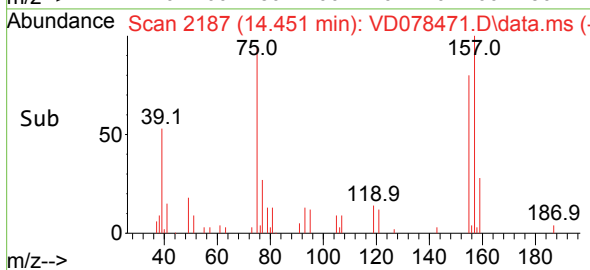
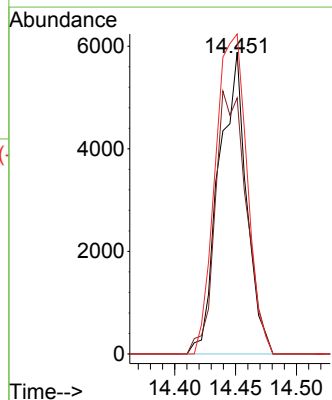
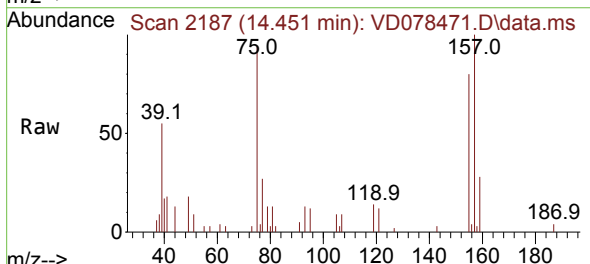
Tgt Ion: 75 Resp: 9300

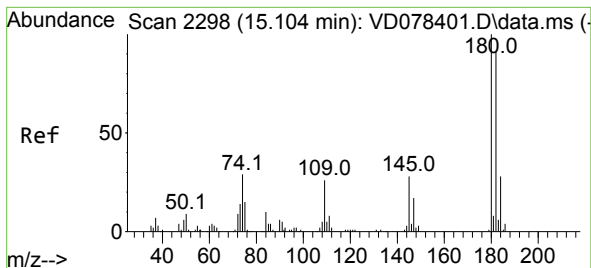
Ion Ratio Lower Upper

75 100

155 98.4 47.9 143.8

157 121.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 47.433 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

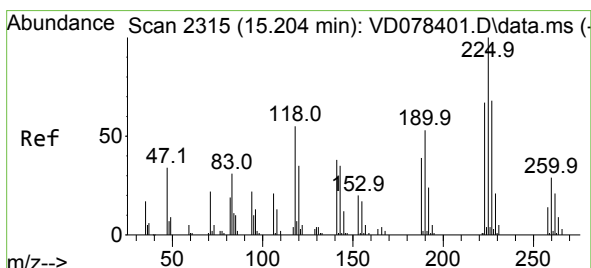
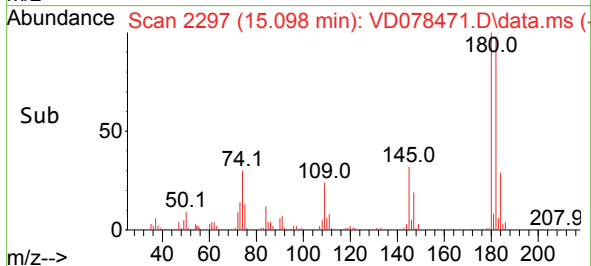
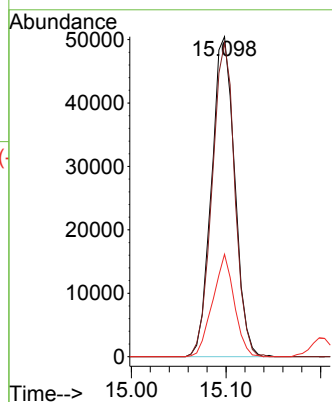
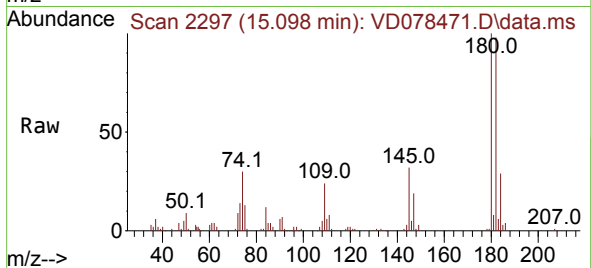
Tgt Ion:180 Resp: 85752

Ion Ratio Lower Upper

180 100

182 96.0 48.5 145.6

145 29.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 43.771 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

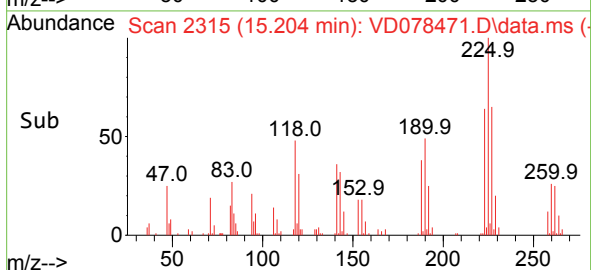
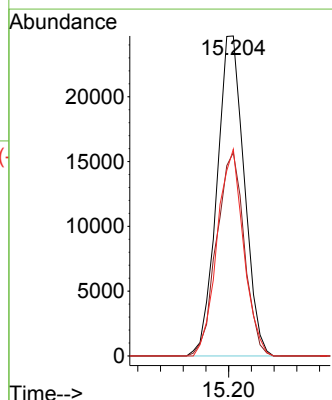
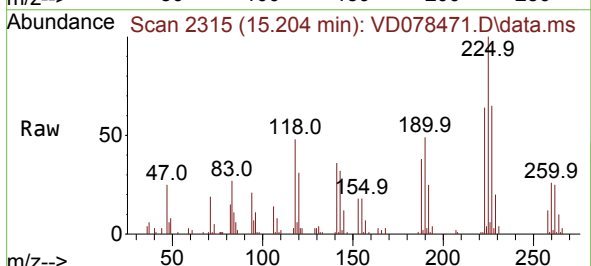
Tgt Ion:225 Resp: 41304

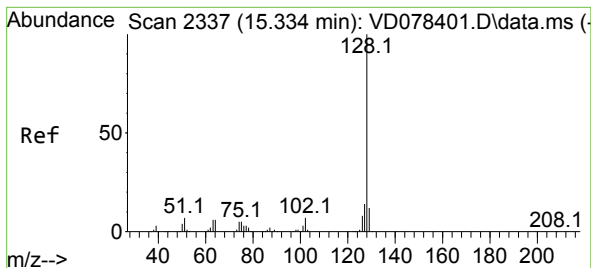
Ion Ratio Lower Upper

225 100

223 64.2 31.6 94.8

227 62.6 31.7 95.1





#95

Naphthalene

Concen: 51.353 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

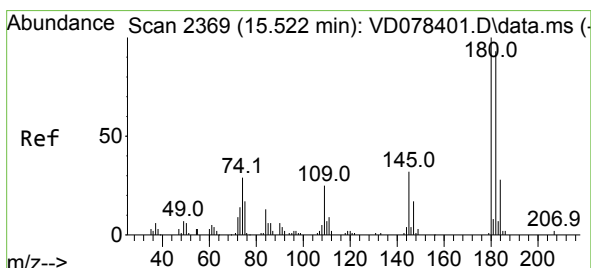
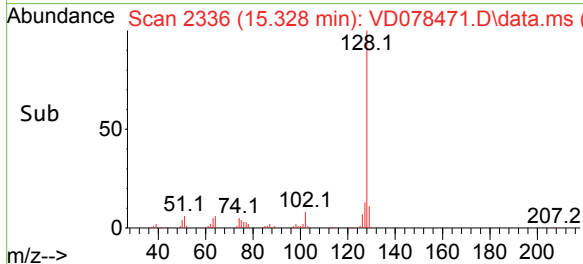
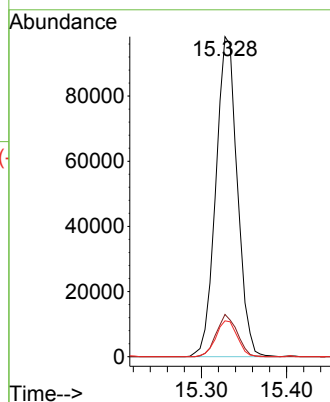
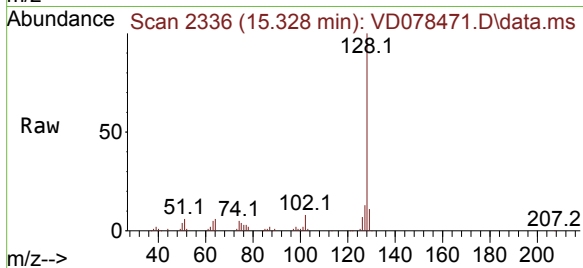
Tgt Ion:128 Resp: 172195

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 50.553 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078471.D

Acq: 19 Feb 2024 18:41

Tgt Ion:180 Resp: 77455

Ion Ratio Lower Upper

180 100

182 90.8 47.3 141.9

145 30.2 15.1 45.3

