

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030824\
 Data File : VD078613.D
 Acq On : 08 Mar 2024 10:11
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 09 02:30:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	123267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	206410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	202189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110892	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65207	53.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.720%	
35) Dibromofluoromethane	7.805	113	71753	53.440	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.880%	
50) Toluene-d8	10.269	98	283484	54.334	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.660%	
62) 4-Bromofluorobenzene	12.569	95	84339	56.596	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.200%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	42877	44.047	ug/l	98
3) Chloromethane	2.152	50	89751	51.787	ug/l	98
4) Vinyl Chloride	2.281	62	133314	43.999	ug/l	98
5) Bromomethane	2.687	94	106431	43.981	ug/l	100
6) Chloroethane	2.834	64	105795	47.109	ug/l	97
7) Trichlorofluoromethane	3.176	101	91305	44.565	ug/l	96
8) Diethyl Ether	3.599	74	27446	47.707	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.958	101	57350	44.414	ug/l	99
10) Methyl Iodide	4.158	142	57979	42.909	ug/l	91
11) Tert butyl alcohol	5.052	59	14018	243.614	ug/l	95
12) 1,1-Dichloroethene	3.934	96	54451	45.170	ug/l	95
13) Acrolein	3.793	56	24952	205.902	ug/l	98
14) Allyl chloride	4.558	41	63267	46.080	ug/l	95
15) Acrylonitrile	5.252	53	60019	253.051	ug/l	99
16) Acetone	4.023	43	63795	272.511	ug/l #	83
17) Carbon Disulfide	4.270	76	175449	43.686	ug/l	98
18) Methyl Acetate	4.564	43	26399	59.577	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	122804	50.104	ug/l	99
20) Methylene Chloride	4.805	84	74049	45.184	ug/l	91
21) trans-1,2-Dichloroethene	5.317	96	66564	45.957	ug/l	98
22) Diisopropyl ether	6.222	45	153864	49.983	ug/l	98
23) Vinyl Acetate	6.158	43	458483	250.774	ug/l	99
24) 1,1-Dichloroethane	6.111	63	110212	47.391	ug/l	97
25) 2-Butanone	7.081	43	81878	277.272	ug/l	91
26) 2,2-Dichloropropane	7.075	77	92193	46.925	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	76145	48.012	ug/l	99
28) Bromochloromethane	7.428	49	50680	58.332	ug/l	89
29) Tetrahydrofuran	7.446	42	42253	257.549	ug/l	94
30) Chloroform	7.599	83	123443	49.160	ug/l	98
31) Cyclohexane	7.875	56	81186	42.449	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	101747	47.234	ug/l	99
36) 1,1-Dichloropropene	8.011	75	87156	46.909	ug/l	97
37) Ethyl Acetate	7.175	43	32275	53.611	ug/l	96
38) Carbon Tetrachloride	7.987	117	90659	46.651	ug/l	97
39) Methylcyclohexane	9.275	83	100359	46.021	ug/l	93
40) Benzene	8.252	78	269699	48.972	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	19538	60.551	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	69971	50.082	ug/l	98
43) Isopropyl Acetate	8.363	43	58648	50.814	ug/l	93
44) Trichloroethene	9.028	130	71731	47.464	ug/l	98
45) 1,2-Dichloropropane	9.305	63	66359	50.161	ug/l	95
46) Dibromomethane	9.393	93	38428	50.387	ug/l	96
47) Bromodichloromethane	9.581	83	94941	50.487	ug/l	99
48) Methyl methacrylate	9.387	41	28824	55.131	ug/l	86
49) 1,4-Dioxane	9.381	88	8362	994.546	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	160043	268.651	ug/l	94
52) Toluene	10.334	92	177902	50.345	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	85991	49.430	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	101450	48.706	ug/l #	93
55) 1,1,2-Trichloroethane	10.728	97	55383	51.573	ug/l	97
56) Ethyl methacrylate	10.599	69	57911	53.804	ug/l	93
57) 1,3-Dichloropropane	10.881	76	86581	49.753	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	151699	316.883	ug/l	96
59) 2-Hexanone	10.922	43	130816	296.056	ug/l	90
60) Dibromochloromethane	11.075	129	66297	51.128	ug/l	100
61) 1,2-Dibromoethane	11.181	107	52629	53.400	ug/l	98
64) Tetrachloroethene	10.810	164	57406	45.124	ug/l	93
65) Chlorobenzene	11.604	112	188028	47.224	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	71836	48.463	ug/l	97
67) Ethyl Benzene	11.681	91	331143	47.999	ug/l	98
68) m/p-Xylenes	11.793	106	272228	97.537	ug/l	94
69) o-Xylene	12.122	106	124394	49.129	ug/l	95
70) Styrene	12.134	104	225437	51.367	ug/l	99
71) Bromoform	12.299	173	40654	51.555	ug/l #	99
73) Isopropylbenzene	12.422	105	320380	45.577	ug/l	97
74) N-amyl acetate	12.234	43	56383	47.655	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	63059	46.827	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	71949	84.953	ug/l #	100
77) Bromobenzene	12.699	156	79728	46.898	ug/l	95
78) n-propylbenzene	12.763	91	400491	46.578	ug/l	96
79) 2-Chlorotoluene	12.846	91	215681	46.745	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	273791	47.865	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	20271	51.231	ug/l	96
82) 4-Chlorotoluene	12.946	91	227559	46.277	ug/l	99
83) tert-Butylbenzene	13.163	119	228807	46.456	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	282615	48.339	ug/l	97
85) sec-Butylbenzene	13.346	105	357991	46.591	ug/l	96
86) p-Isopropyltoluene	13.457	119	308744	47.732	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	170970	47.067	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	169166	46.483	ug/l	98
89) n-Butylbenzene	13.787	91	282332	46.707	ug/l	98
90) Hexachloroethane	14.051	117	63382	48.192	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	148802	48.225	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8473	47.204	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	87253	47.754	ug/l	97
94) Hexachlorobutadiene	15.204	225	46682	46.435	ug/l	98
95) Naphthalene	15.328	128	156806	48.567	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	77549	47.791	ug/l	99

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QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

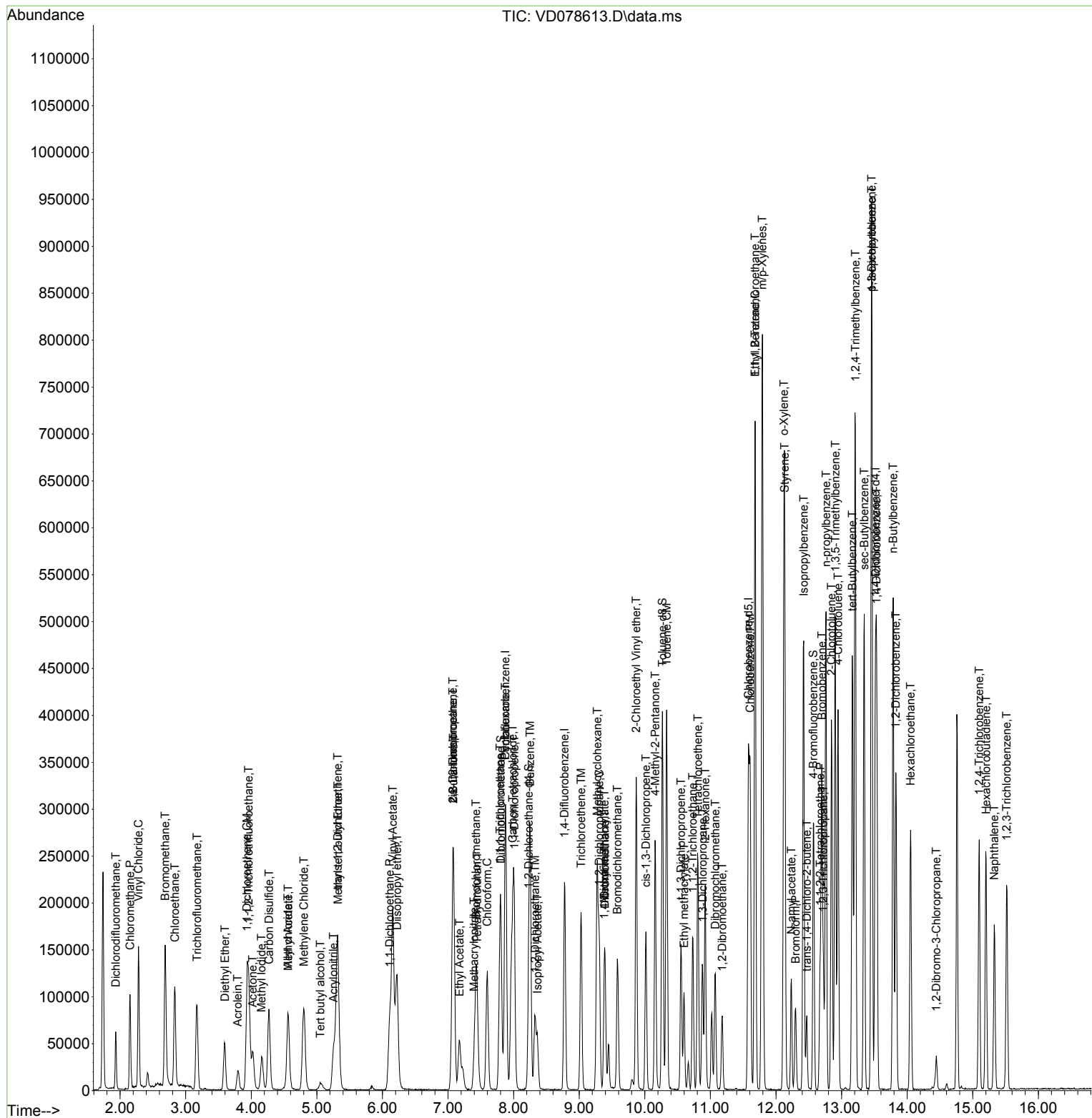
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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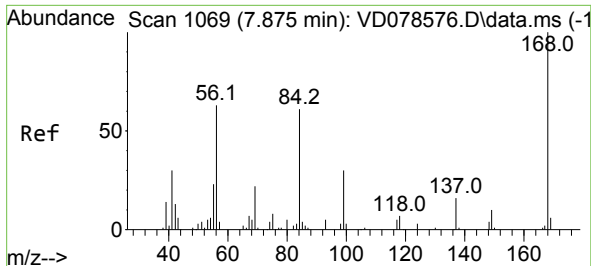
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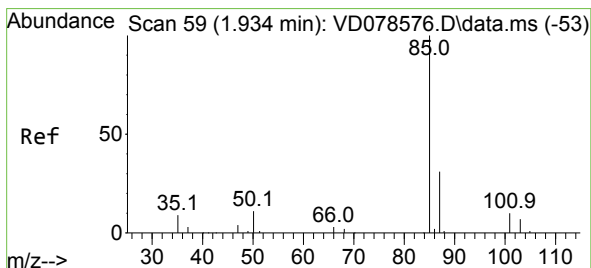
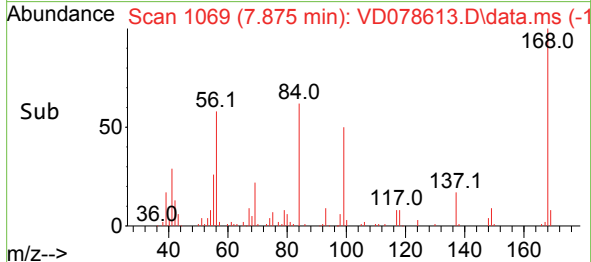
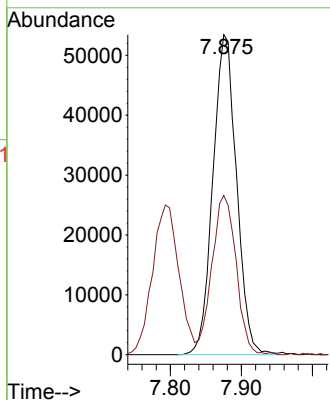
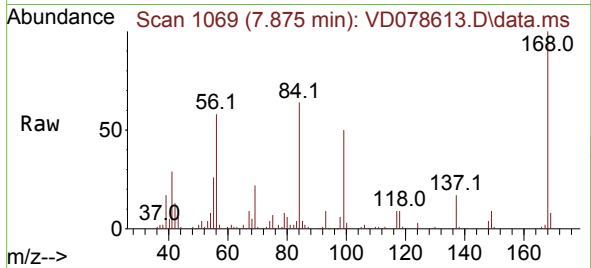




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078613.D
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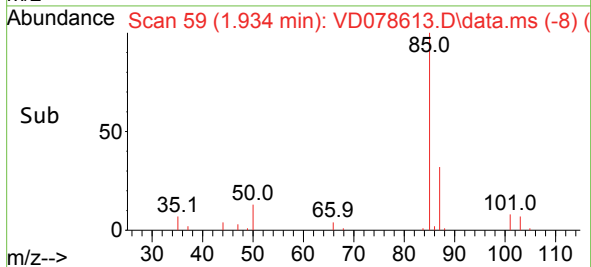
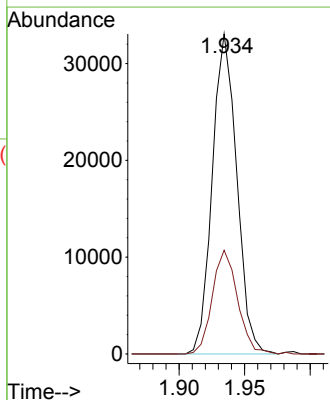
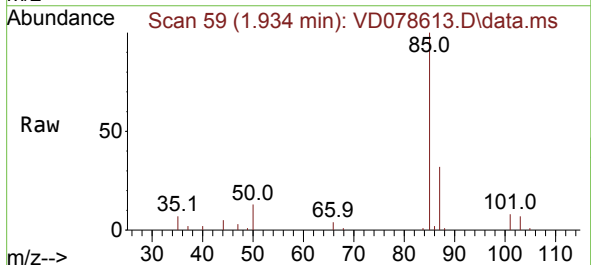
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

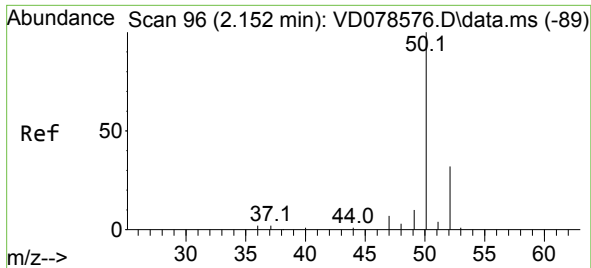
Tgt Ion:168 Resp: 123267
Ion Ratio Lower Upper
168 100
99 49.7 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 44.047 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 85 Resp: 42877
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0

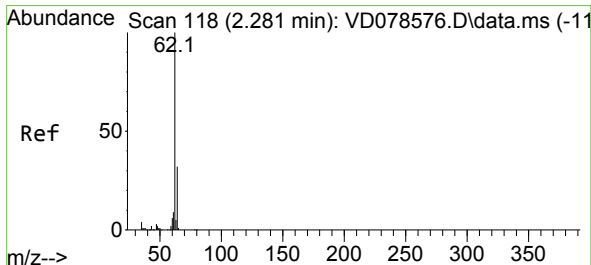
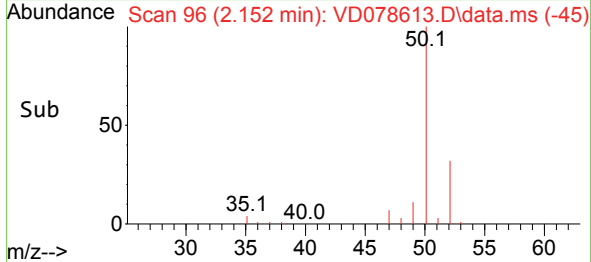
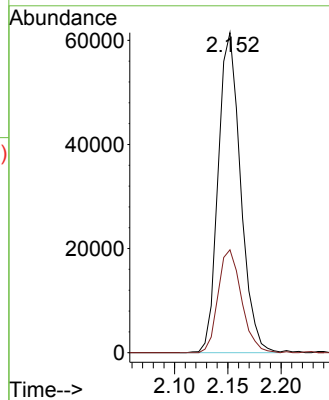
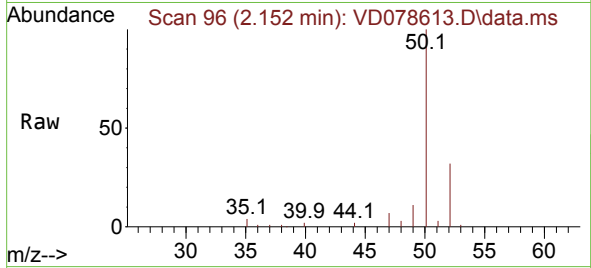




#3
Chloromethane
Concen: 51.787 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

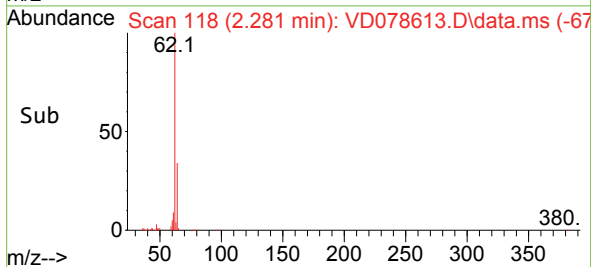
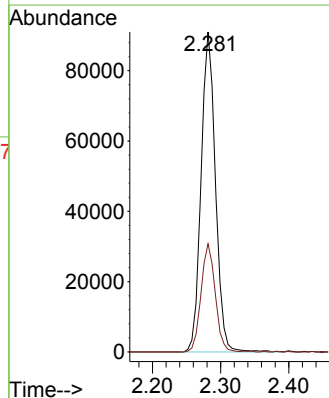
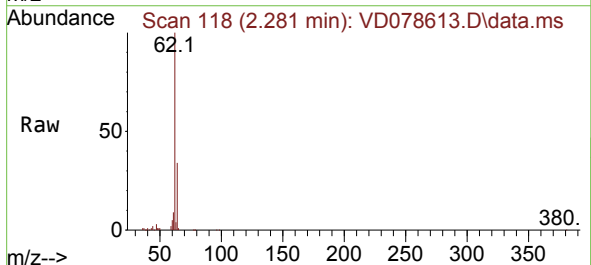
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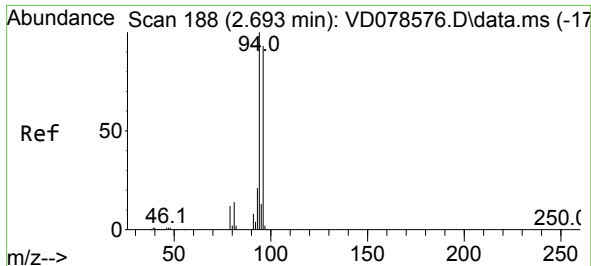
Tgt Ion: 50 Resp: 89751
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0



#4
Vinyl Chloride
Concen: 43.999 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 62 Resp: 133314
Ion Ratio Lower Upper
62 100
64 33.8 26.0 39.0

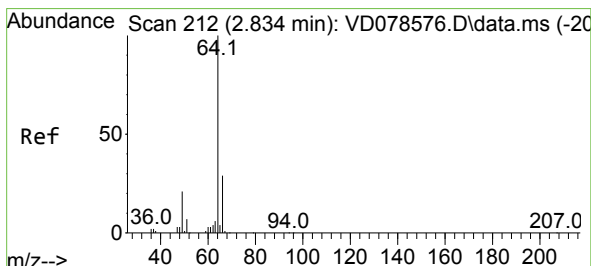
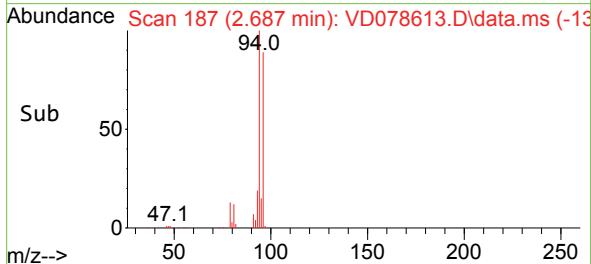
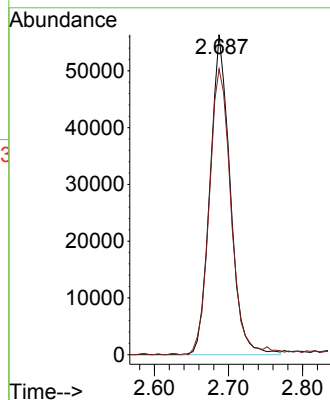
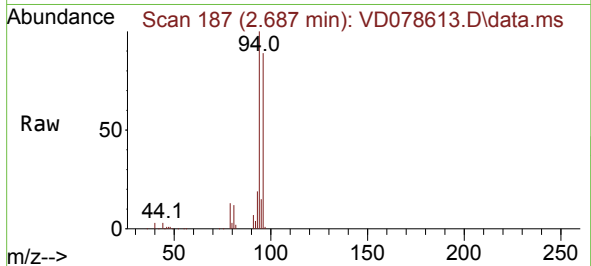




#5
Bromomethane
Concen: 43.981 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD078613.D
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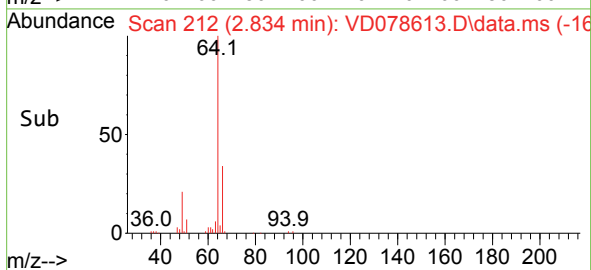
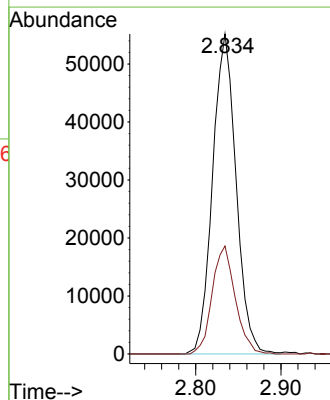
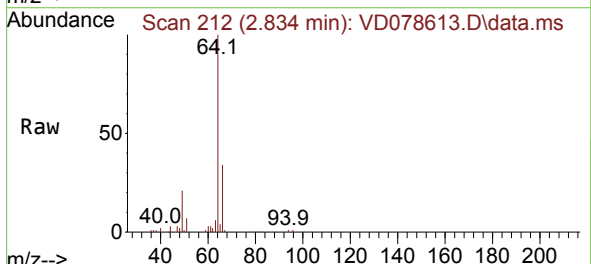
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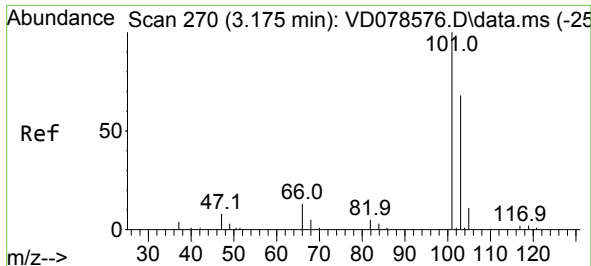
Tgt Ion: 94 Resp: 106431
Ion Ratio Lower Upper
94 100
96 95.2 75.8 113.8



#6
Chloroethane
Concen: 47.109 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 64 Resp: 105795
Ion Ratio Lower Upper
64 100
66 33.8 25.5 38.3

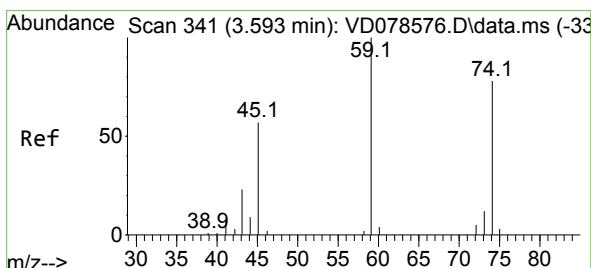
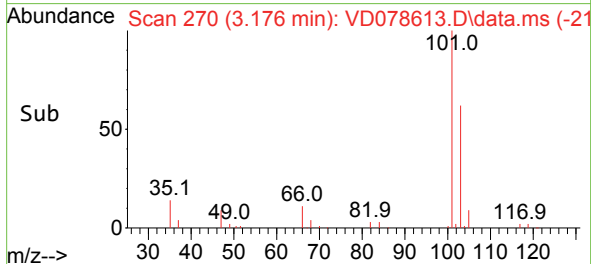
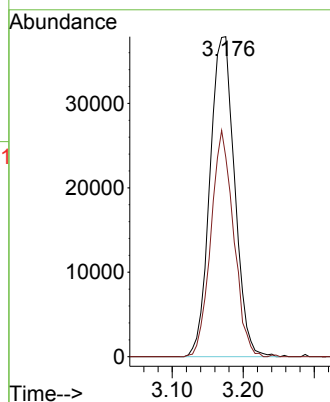
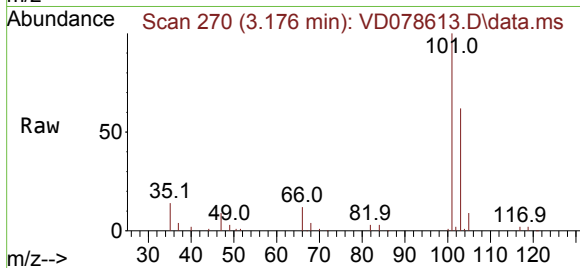




#7
 Trichlorofluoromethane
 Concen: 44.565 ug/l
 RT: 3.176 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078613.D
 Acq: 08 Mar 2024 10:11

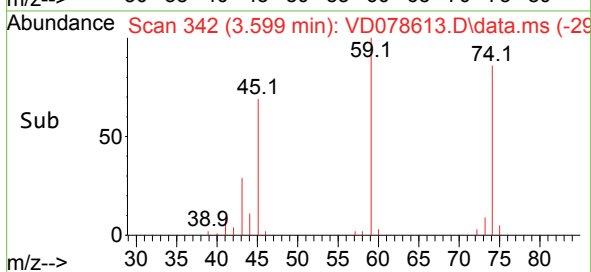
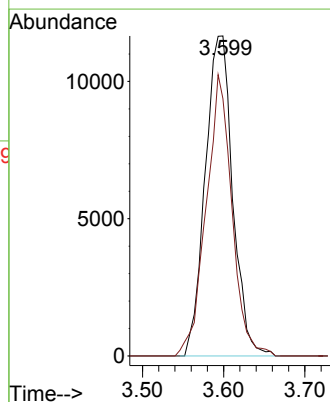
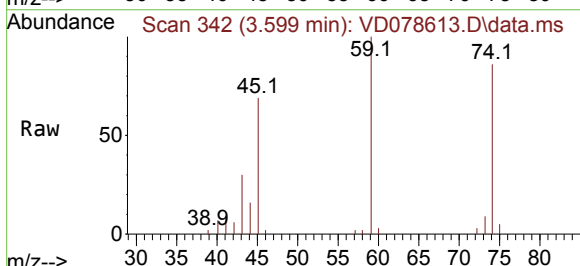
Instrument :
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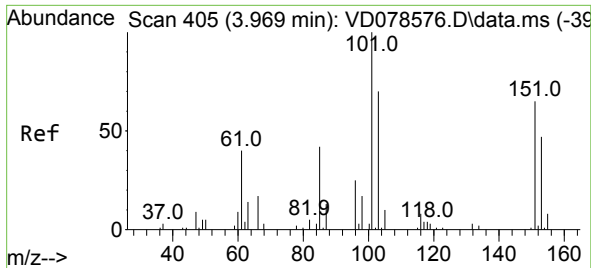
Tgt Ion:101 Resp: 91305
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.3 78.5



#8
 Diethyl Ether
 Concen: 47.707 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078613.D
 Acq: 08 Mar 2024 10:11

Tgt Ion: 74 Resp: 27446
 Ion Ratio Lower Upper
 74 100
 45 82.4 37.5 112.7

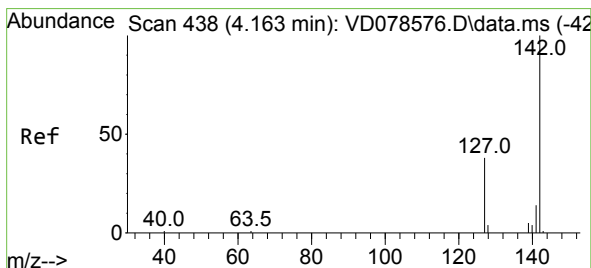
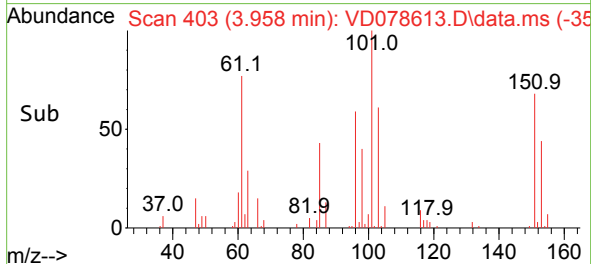
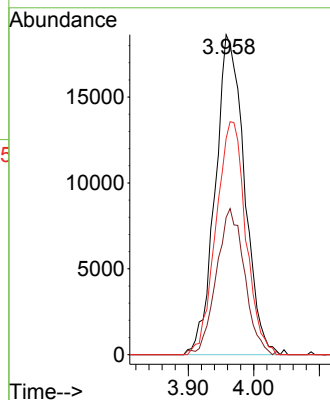
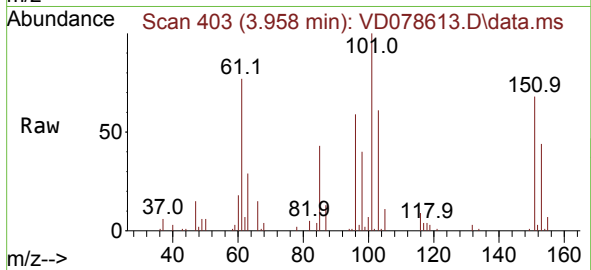




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 44.414 ug/l
 RT: 3.958 min Scan# 403
 Delta R.T. -0.011 min
 Lab File: VD078613.D
 Acq: 08 Mar 2024 10:11

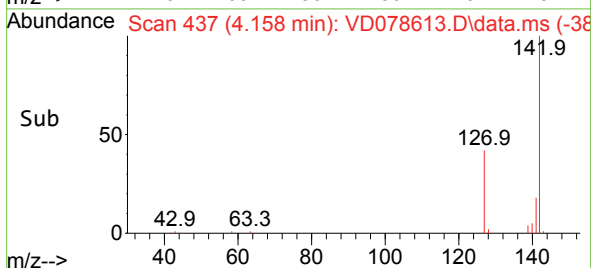
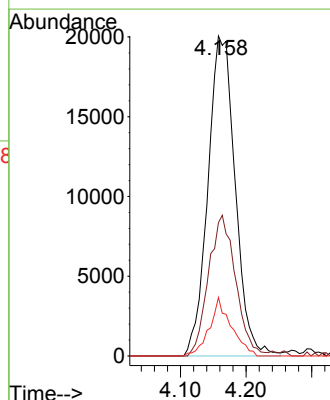
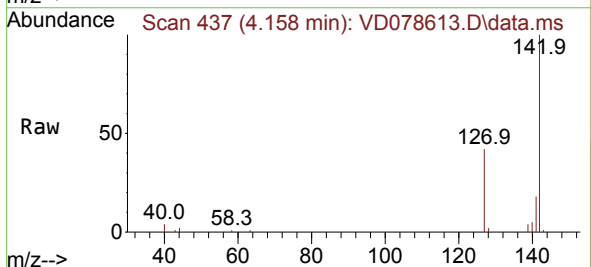
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

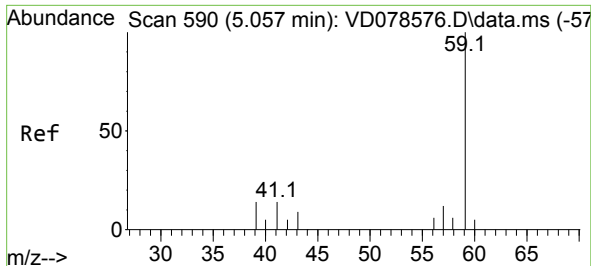
Tgt Ion:101 Resp: 57350
 Ion Ratio Lower Upper
 101 100
 85 44.3 33.8 50.6
 151 74.5 59.8 89.6



#10
 Methyl Iodide
 Concen: 42.909 ug/l
 RT: 4.158 min Scan# 437
 Delta R.T. -0.005 min
 Lab File: VD078613.D
 Acq: 08 Mar 2024 10:11

Tgt Ion:142 Resp: 57979
 Ion Ratio Lower Upper
 142 100
 127 43.8 29.4 44.0
 141 14.6 11.1 16.7

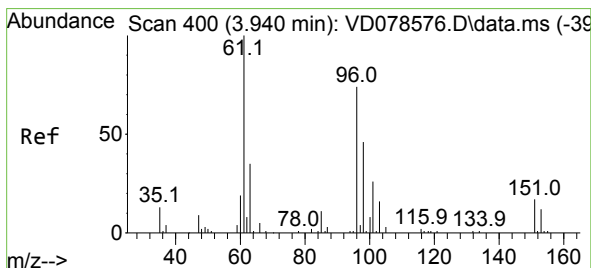
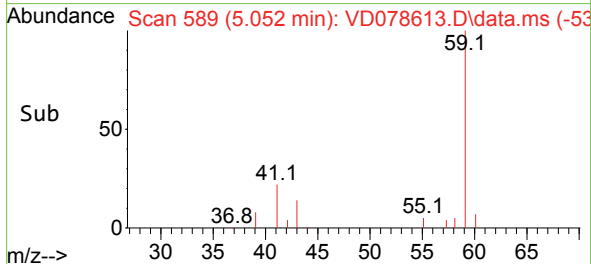
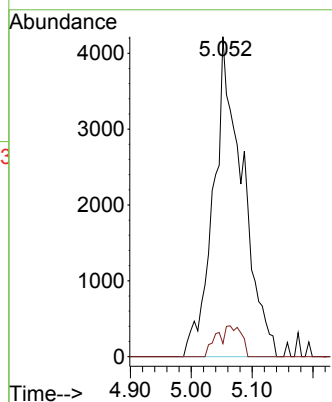
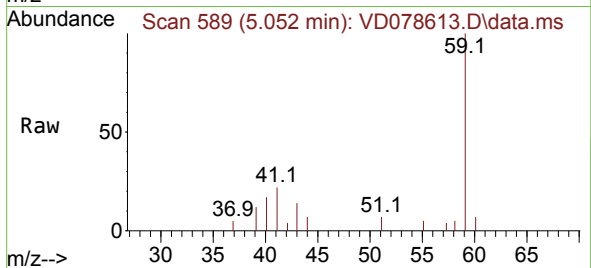




#11
Tert butyl alcohol
Concen: 243.614 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

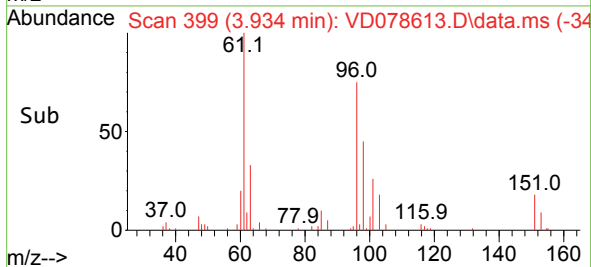
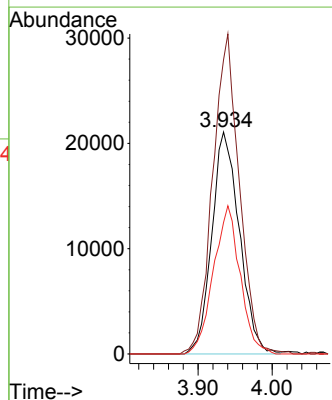
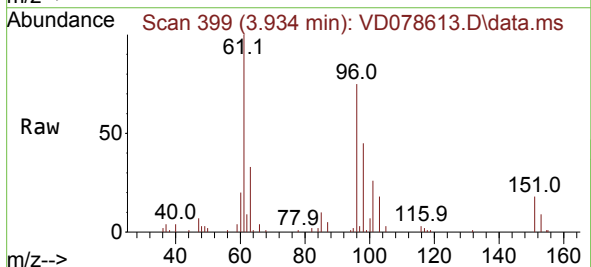
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

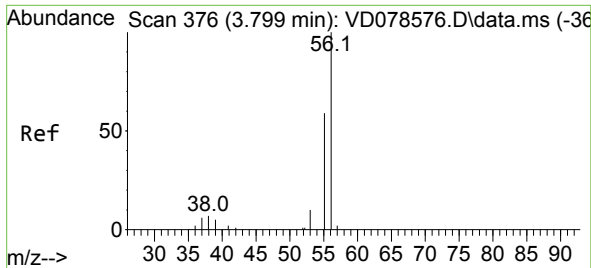
Tgt Ion: 59 Resp: 14018
Ion Ratio Lower Upper
59 100
57 8.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 45.170 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.005 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 96 Resp: 54451
Ion Ratio Lower Upper
96 100
61 132.6 100.6 150.8
98 59.3 50.2 75.2





#13

Acrolein

Concen: 205.902 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.005 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

Instrument :

MSVOA_D

ClientSampleId :

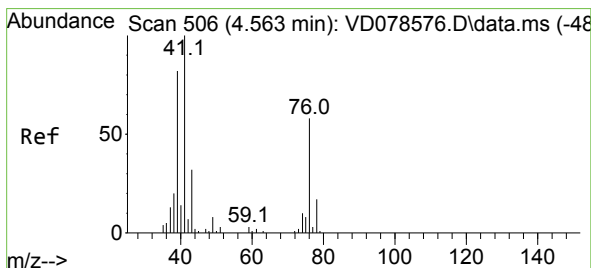
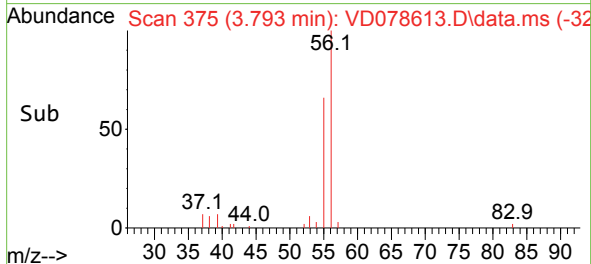
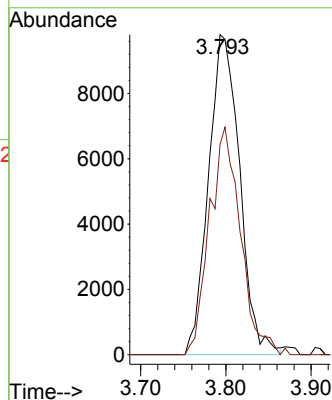
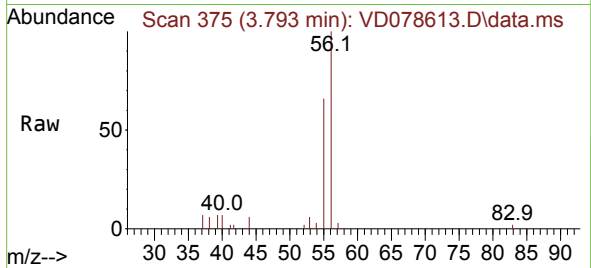
VSTDCCC050

Tgt Ion: 56 Resp: 24952

Ion Ratio Lower Upper

56 100

55 70.8 55.1 82.7



#14

Allyl chloride

Concen: 46.080 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

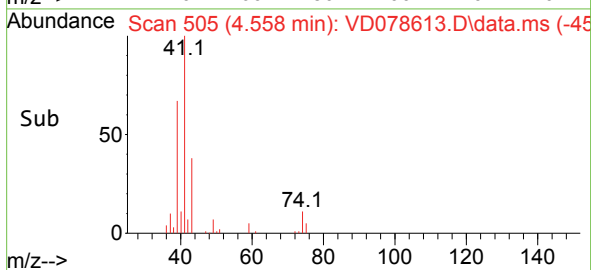
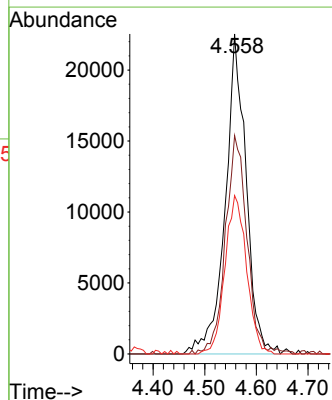
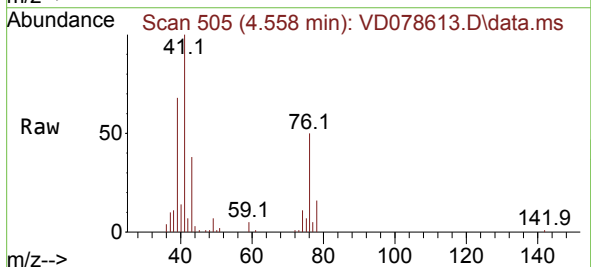
Tgt Ion: 41 Resp: 63267

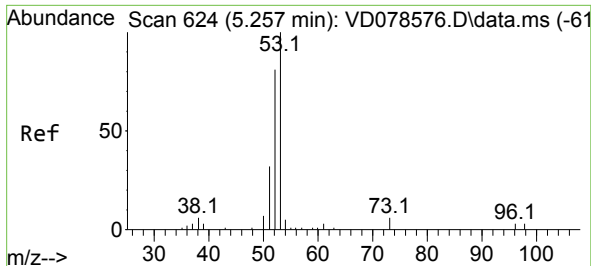
Ion Ratio Lower Upper

41 100

39 69.8 53.8 80.6

76 51.4 45.8 68.8

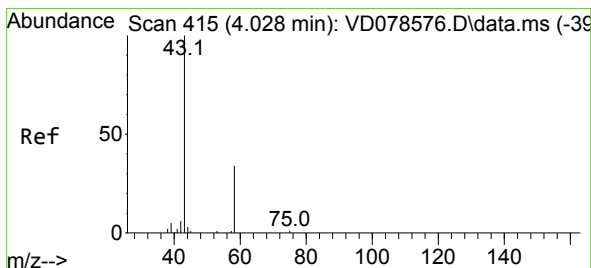
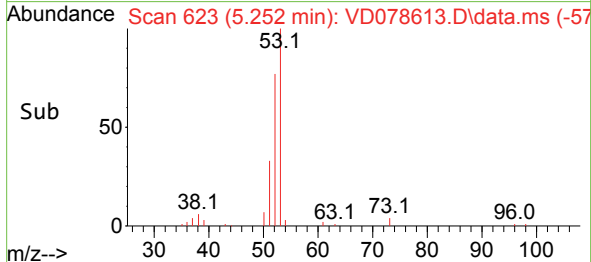
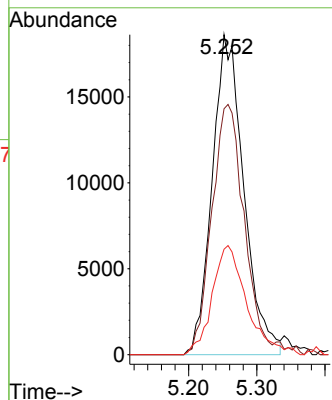
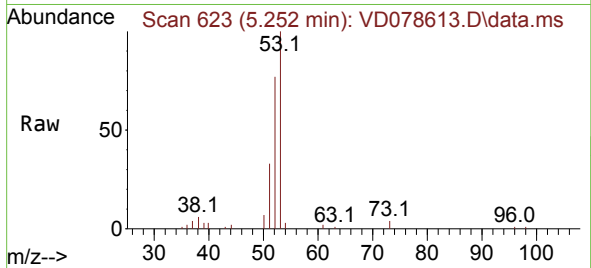




#15
Acrylonitrile
Concen: 253.051 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

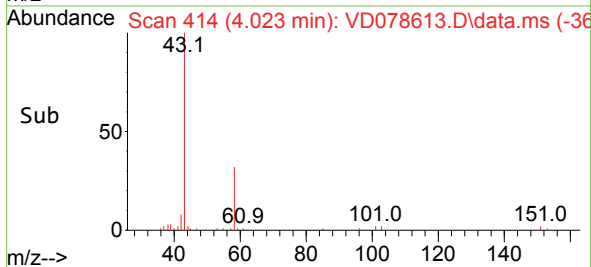
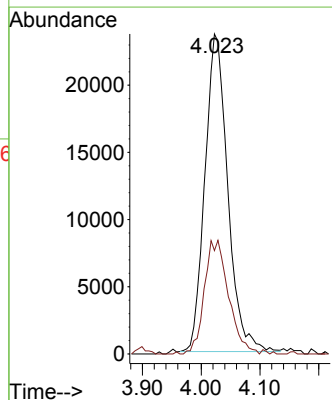
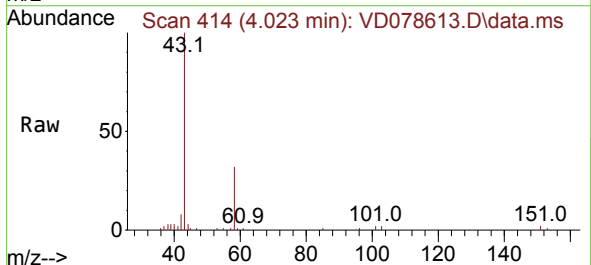
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

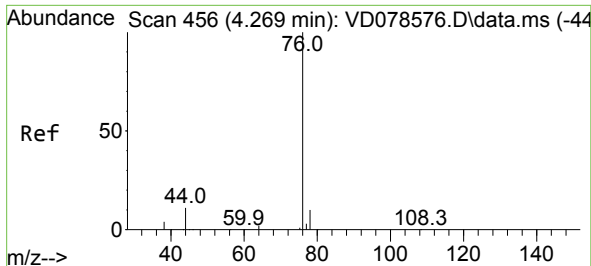
Tgt Ion: 53 Resp: 60019
Ion Ratio Lower Upper
53 100
52 81.6 65.0 97.4
51 37.3 28.3 42.5



#16
Acetone
Concen: 272.511 ug/l
RT: 4.023 min Scan# 414
Delta R.T. -0.005 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 43 Resp: 63795
Ion Ratio Lower Upper
43 100
58 32.6 34.7 52.1#

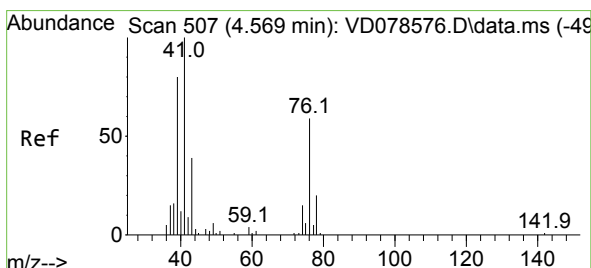
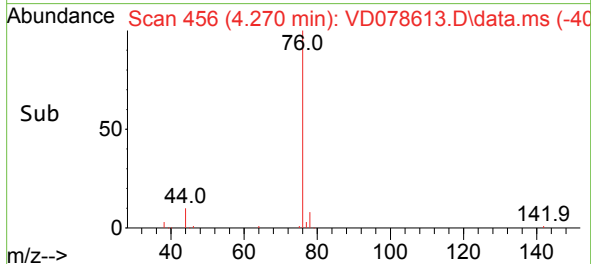
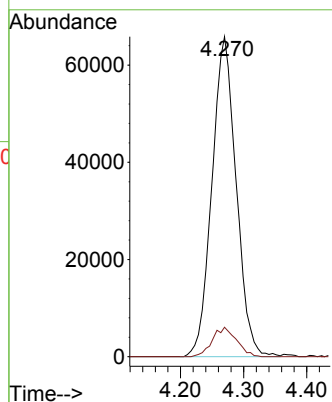
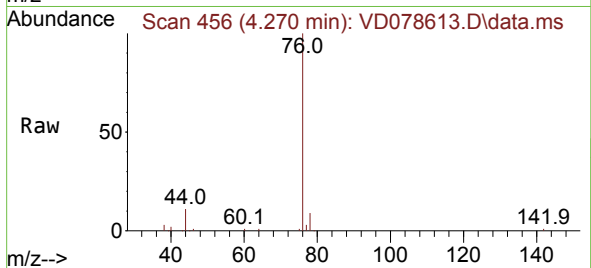




#17
Carbon Disulfide
Concen: 43.686 ug/l
RT: 4.270 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

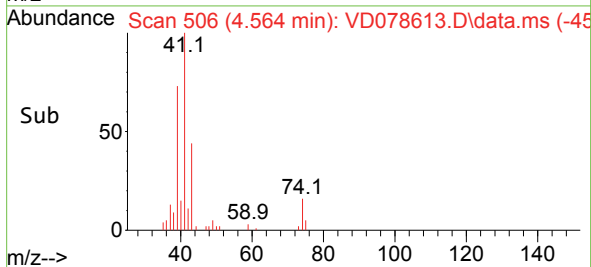
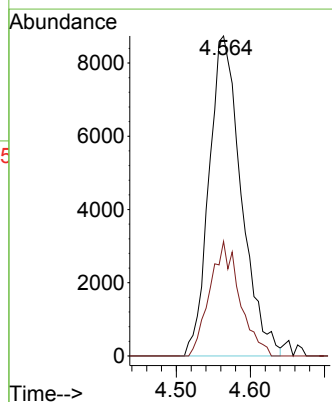
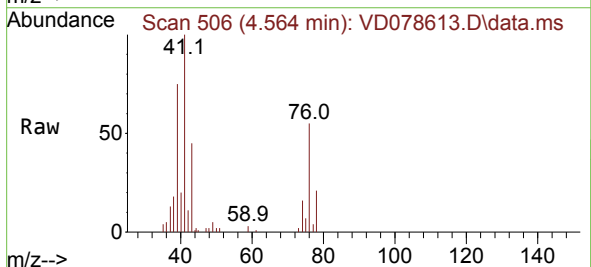
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

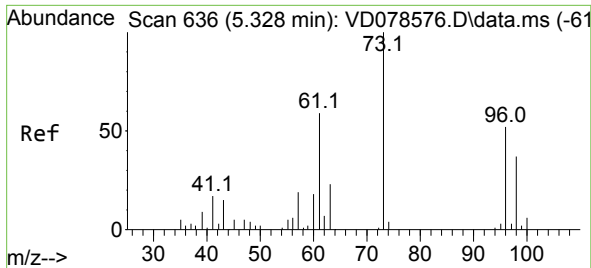
Tgt Ion: 76 Resp: 175449
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 59.577 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.005 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 43 Resp: 26399
Ion Ratio Lower Upper
43 100
74 33.3 26.4 39.6

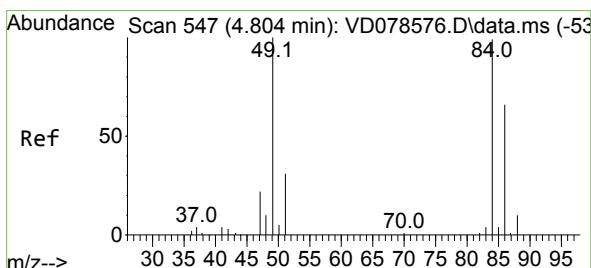
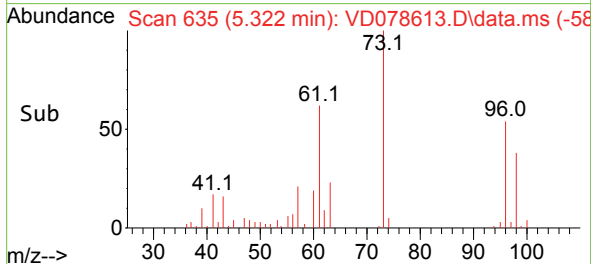
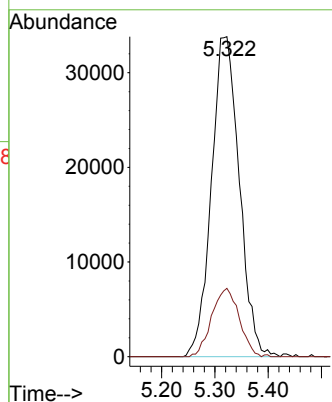
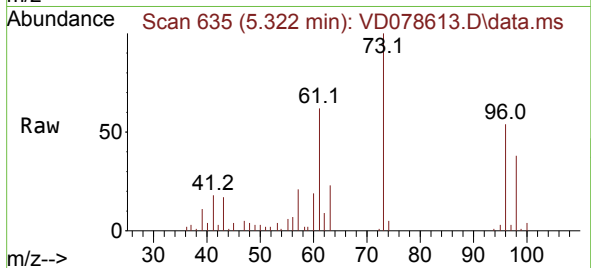




#19
Methyl tert-butyl Ether
Concen: 50.104 ug/l
RT: 5.322 min Scan# 613
Delta R.T. -0.005 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

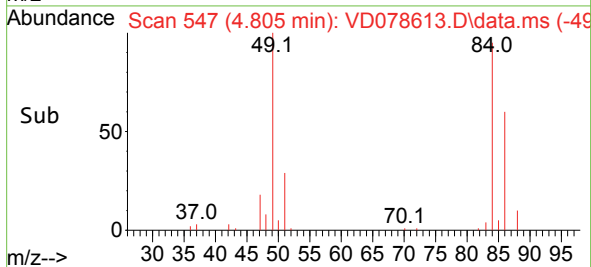
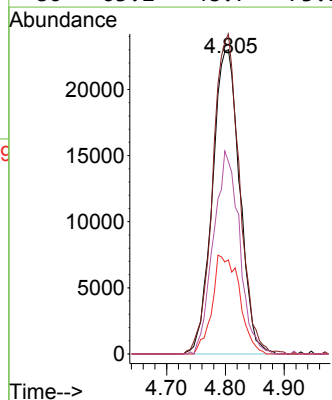
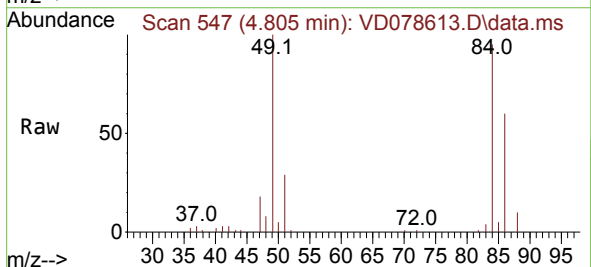
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

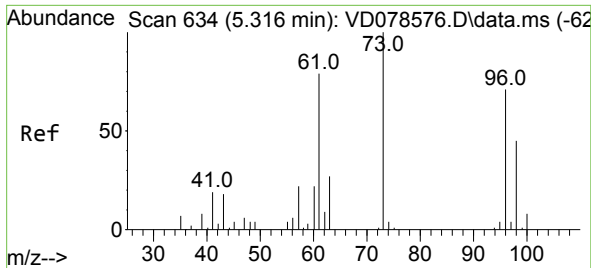
Tgt Ion: 73 Resp: 122804
Ion Ratio Lower Upper
73 100
57 21.4 16.6 25.0



#20
Methylene Chloride
Concen: 45.184 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.001 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 84 Resp: 74049
Ion Ratio Lower Upper
84 100
49 105.1 71.4 107.2
51 30.9 24.5 36.7
86 63.2 48.7 73.1

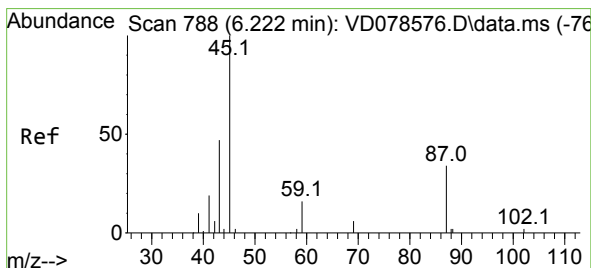
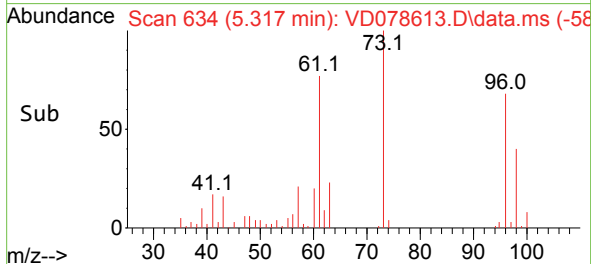
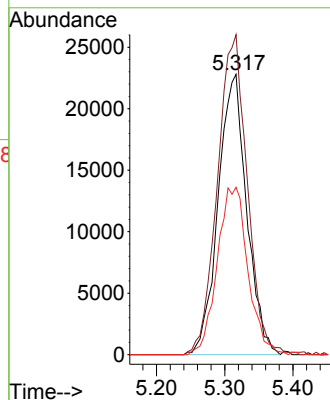
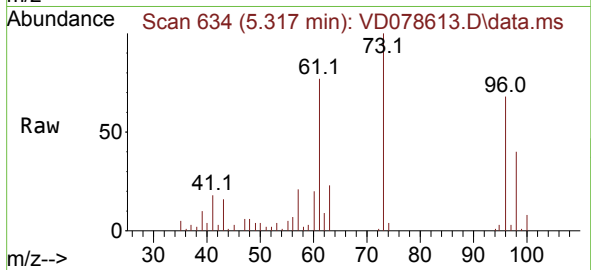




#21
trans-1,2-Dichloroethene
Concen: 45.957 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

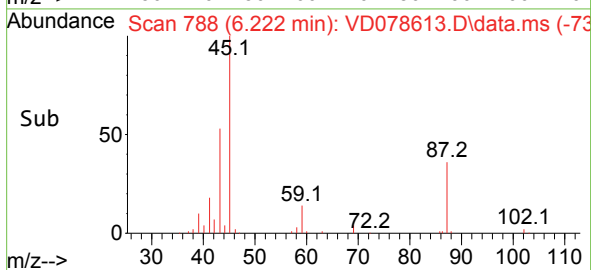
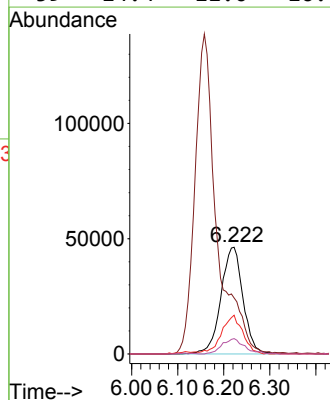
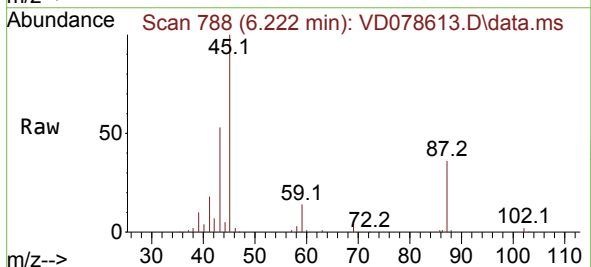
Instrument :
MSVOA_D
ClientSampleId :
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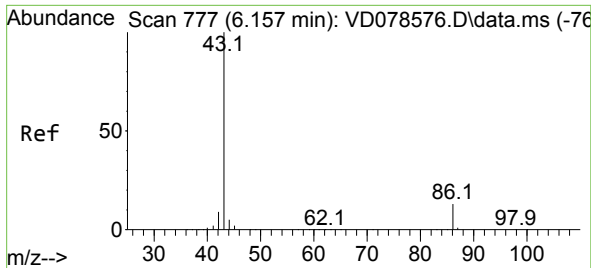
Tgt Ion: 96 Resp: 66564
Ion Ratio Lower Upper
96 100
61 114.2 89.3 133.9
98 59.7 48.6 73.0



#22
Diisopropyl ether
Concen: 49.983 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 45 Resp: 153864
Ion Ratio Lower Upper
45 100
43 51.4 40.0 60.0
87 36.3 28.2 42.4
59 14.4 11.0 16.4

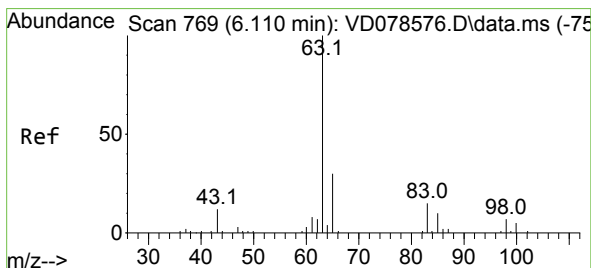
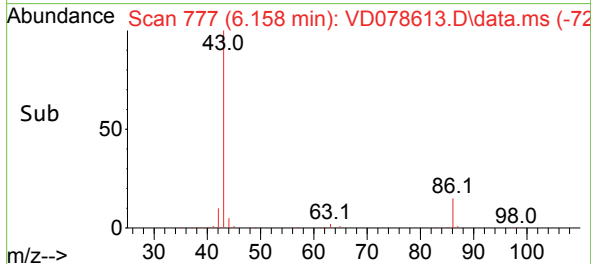
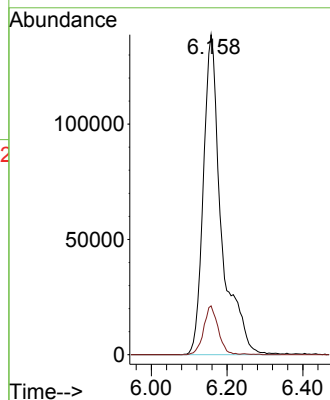
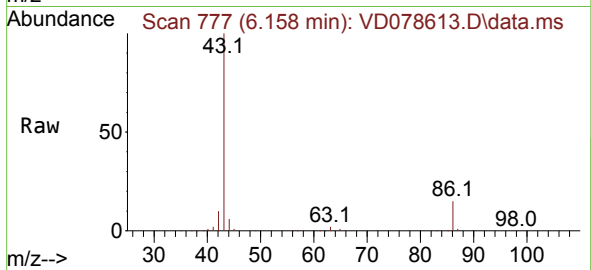




#23
 Vinyl Acetate
 Concen: 250.774 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD078613.D
 Acq: 08 Mar 2024 10:11

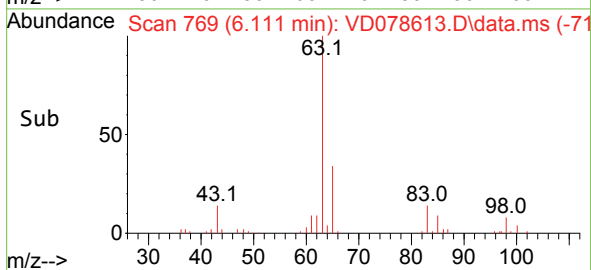
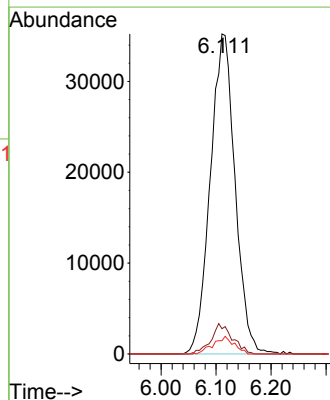
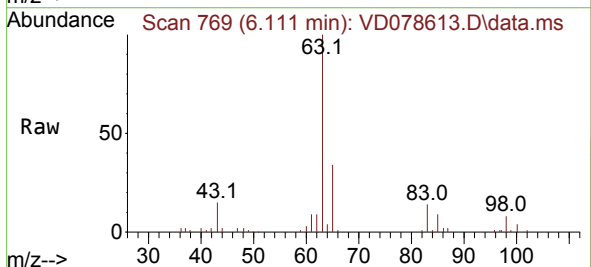
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

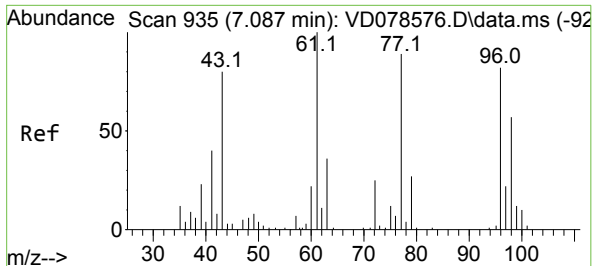
Tgt Ion: 43 Resp: 458483
 Ion Ratio Lower Upper
 43 100
 86 15.2 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 47.391 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD078613.D
 Acq: 08 Mar 2024 10:11

Tgt Ion: 63 Resp: 110212
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.5 13.7
 100 4.2 2.5 7.5

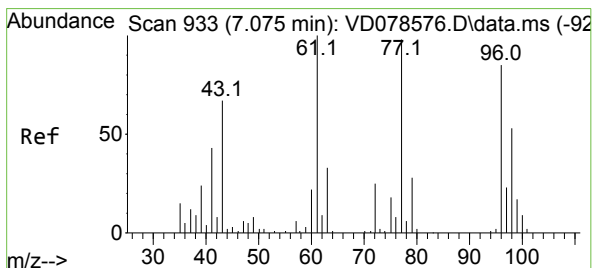
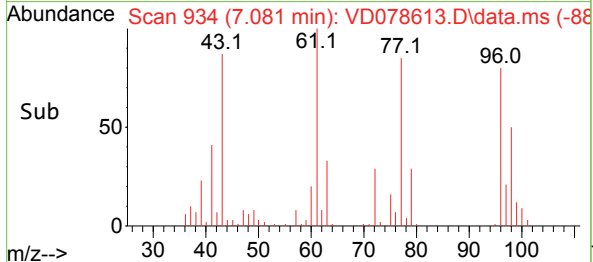
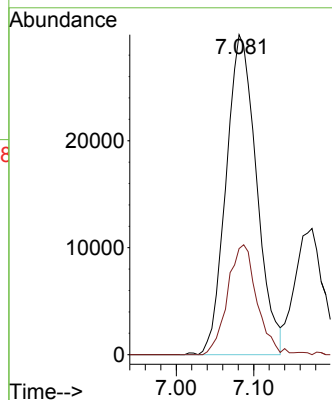
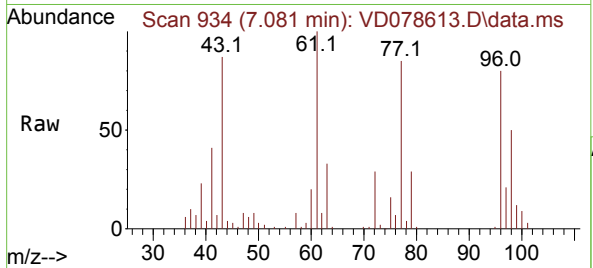




#25
2-Butanone
Concen: 277.272 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

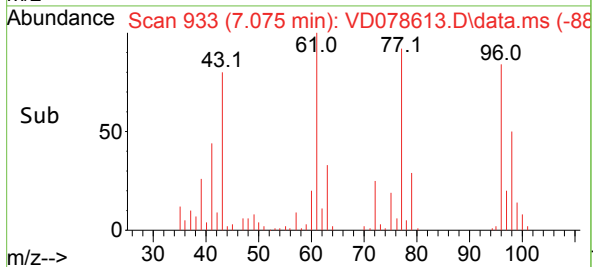
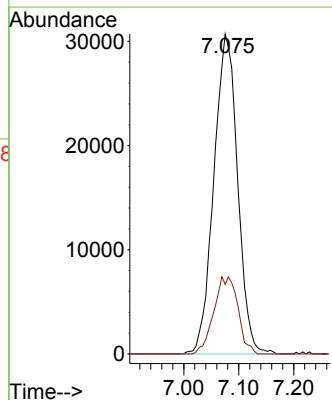
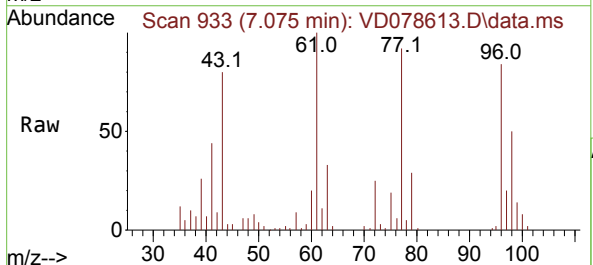
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

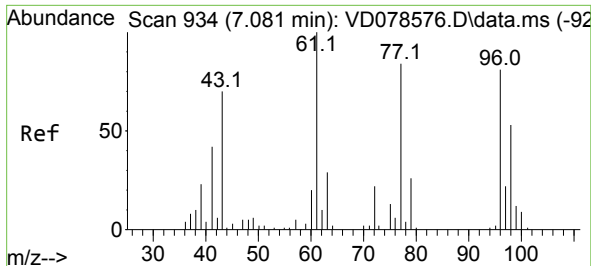
Tgt Ion: 43 Resp: 81878
Ion Ratio Lower Upper
43 100
72 33.2 30.7 46.1



#26
2,2-Dichloropropane
Concen: 46.925 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 77 Resp: 92193
Ion Ratio Lower Upper
77 100
97 24.6 13.2 39.6

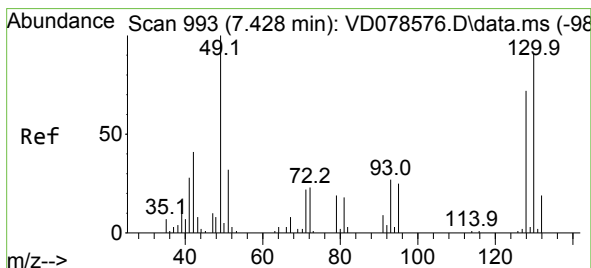
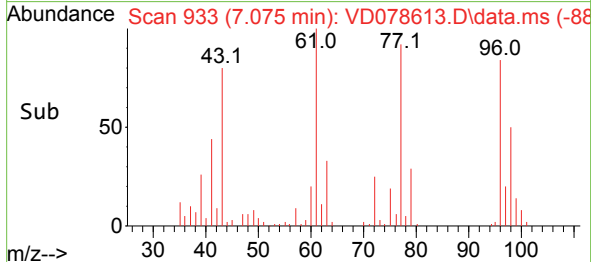
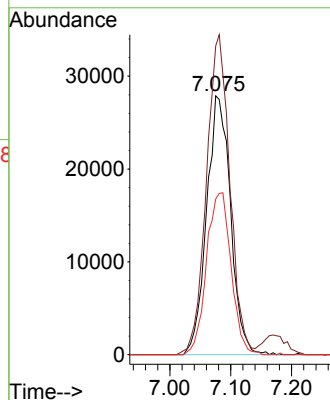
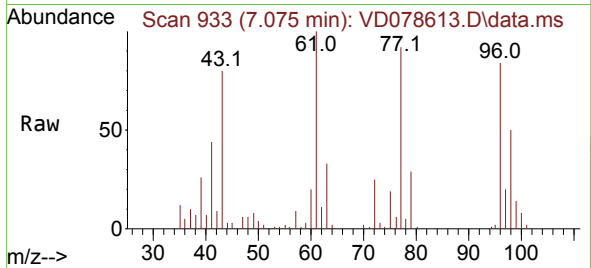




#27
 cis-1,2-Dichloroethene
 Concen: 48.012 ug/l
 RT: 7.075 min Scan# 913
 Delta R.T. -0.005 min
 Lab File: VD078613.D
 Acq: 08 Mar 2024 10:11

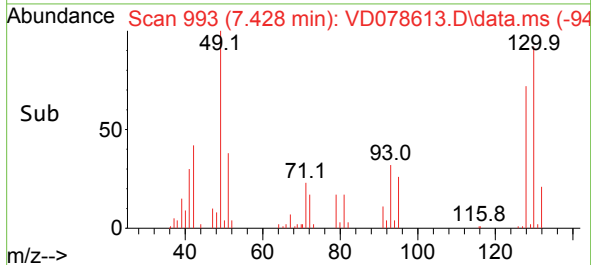
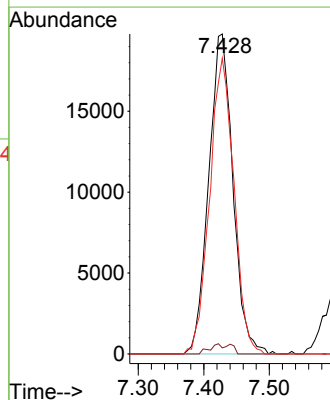
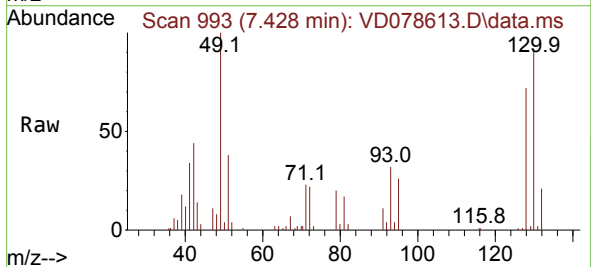
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

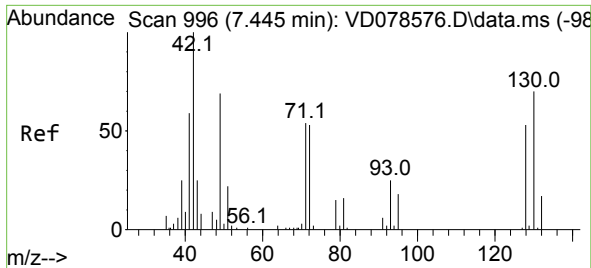
Tgt Ion: 96 Resp: 76145
 Ion Ratio Lower Upper
 96 100
 61 121.1 0.0 239.2
 98 64.2 0.0 128.6



#28
 Bromochloromethane
 Concen: 58.332 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078613.D
 Acq: 08 Mar 2024 10:11

Tgt Ion: 49 Resp: 50680
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 6.0
 130 92.7 83.2 124.8

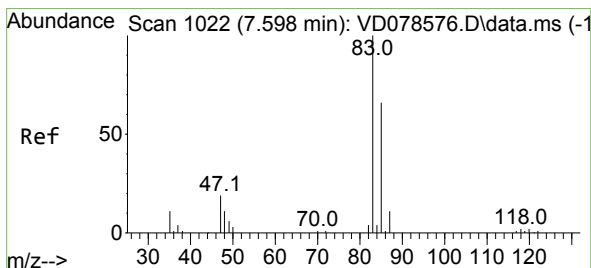
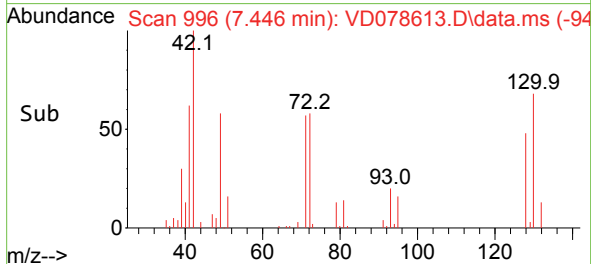
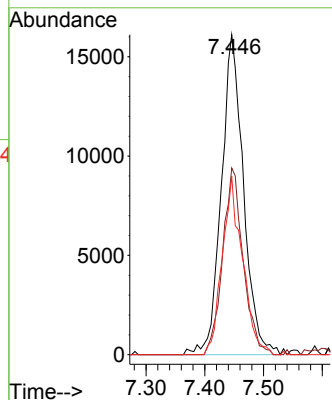
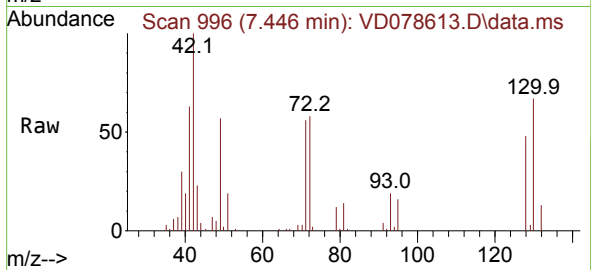




#29
Tetrahydrofuran
Concen: 257.549 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

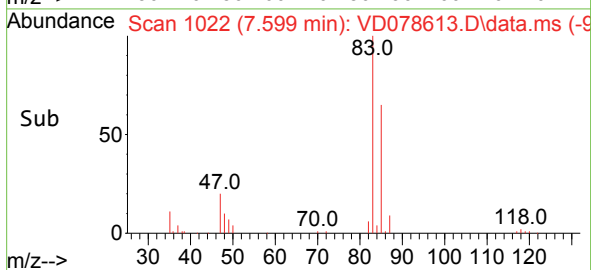
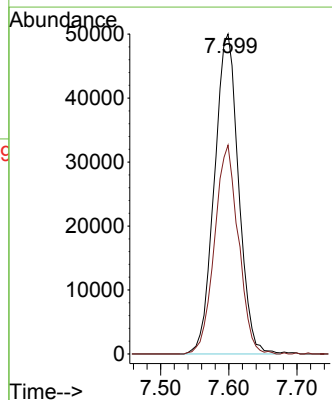
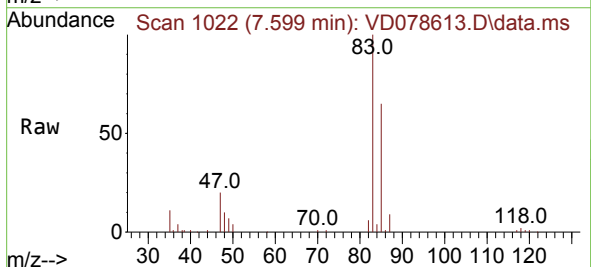
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

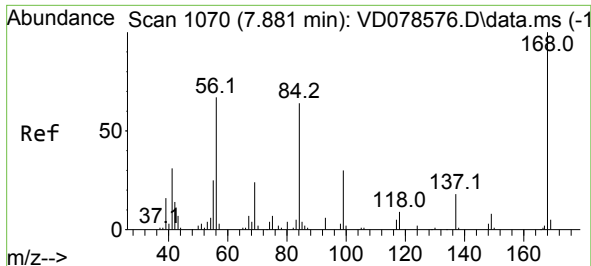
Tgt Ion: 42 Resp: 42253
Ion Ratio Lower Upper
42 100
72 54.1 46.5 69.7
71 51.0 44.5 66.7



#30
Chloroform
Concen: 49.160 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 83 Resp: 123443
Ion Ratio Lower Upper
83 100
85 65.2 53.4 80.2

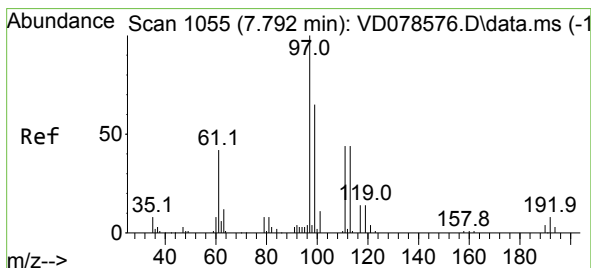
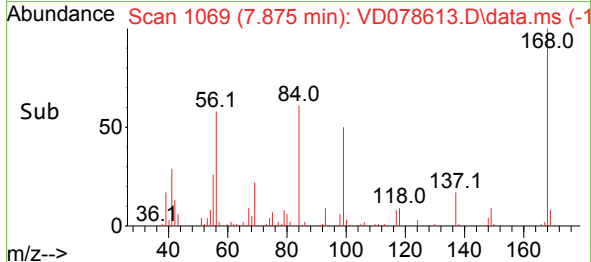
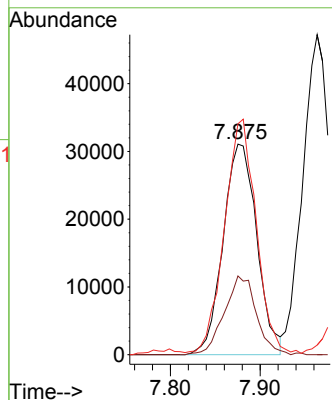
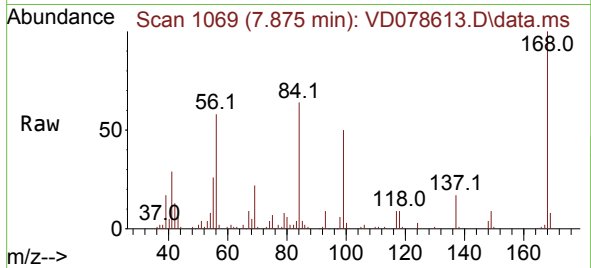




#31
Cyclohexane
Concen: 42.449 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.005 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

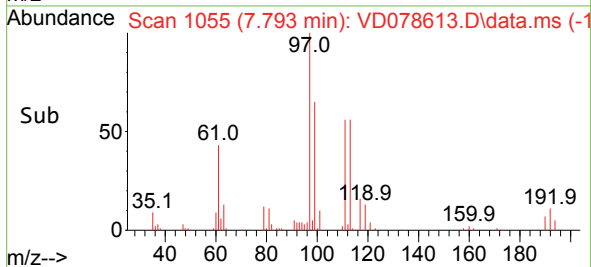
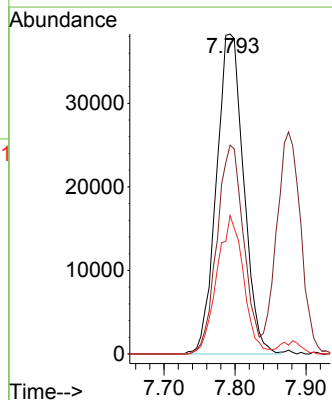
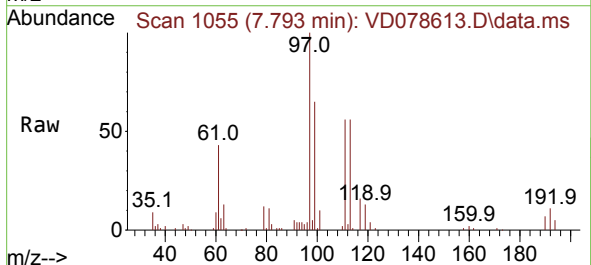
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

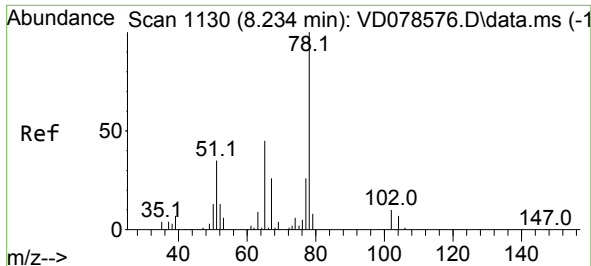
Tgt Ion: 56 Resp: 81186
Ion Ratio Lower Upper
56 100
69 37.4 28.6 43.0
84 108.2 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 47.234 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 97 Resp: 101747
Ion Ratio Lower Upper
97 100
99 63.9 52.0 78.0
61 42.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.364 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.005 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

Instrument :

MSVOA_D

ClientSampleId :

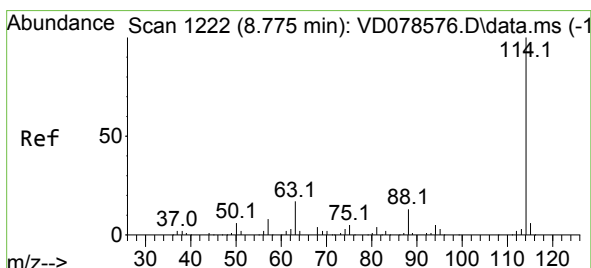
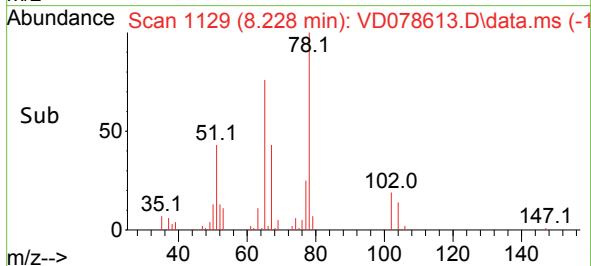
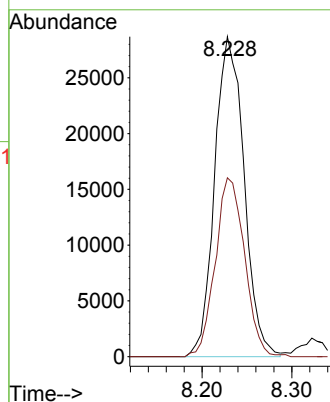
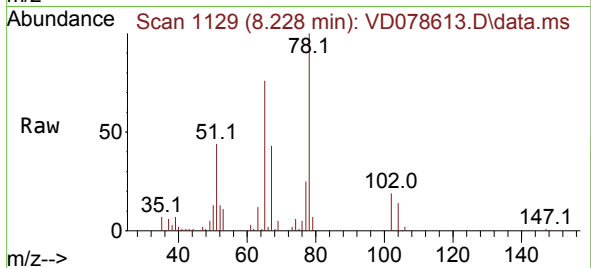
VSTDCCC050

Tgt Ion: 65 Resp: 65207

Ion Ratio Lower Upper

65 100

67 55.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

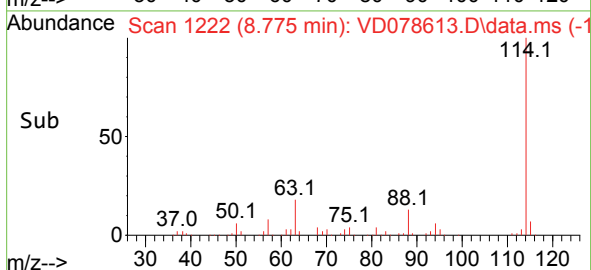
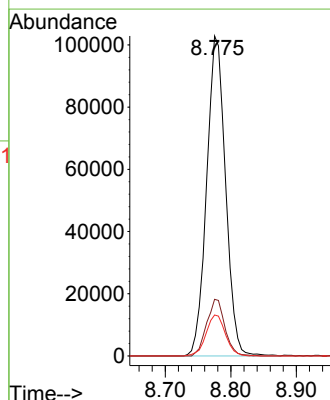
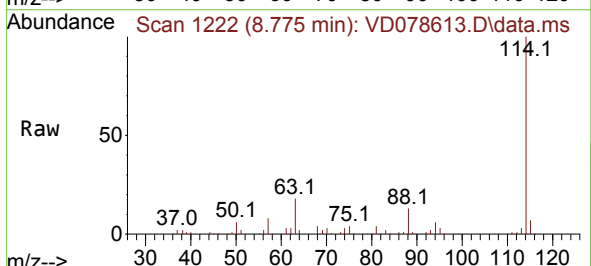
Tgt Ion: 114 Resp: 206410

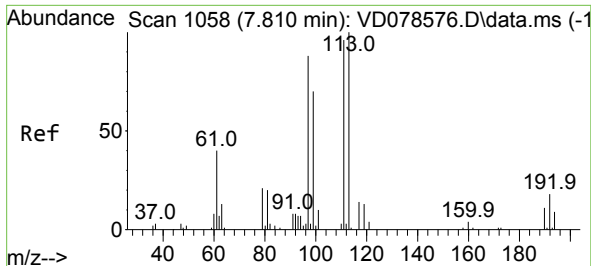
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 12.8 0.0 26.2

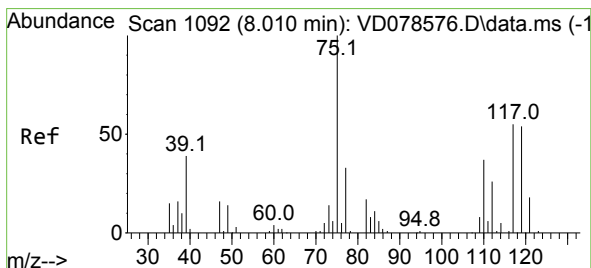
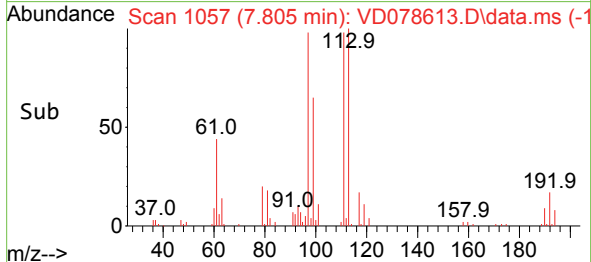
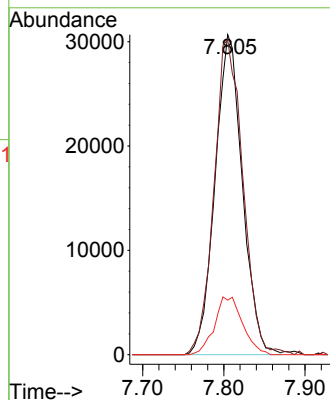
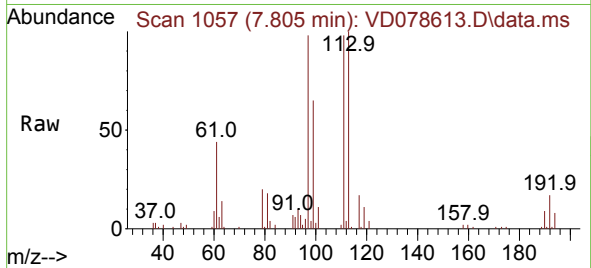




#35
Dibromofluoromethane
Concen: 53.440 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.005 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

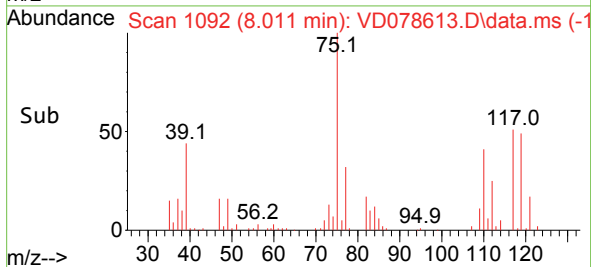
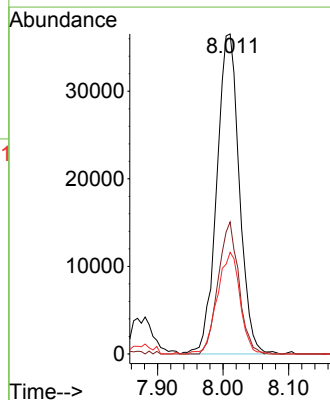
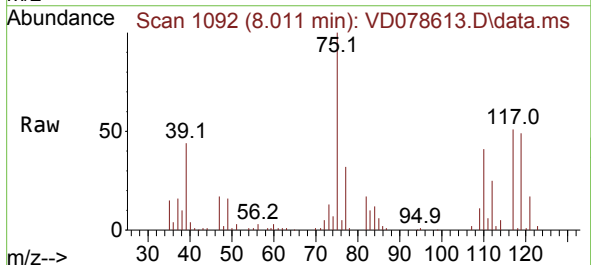
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

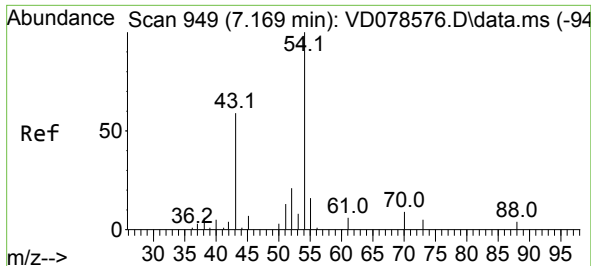
Tgt Ion:113 Resp: 71753
Ion Ratio Lower Upper
113 100
111 104.0 84.7 127.1
192 18.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 46.909 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 75 Resp: 87156
Ion Ratio Lower Upper
75 100
110 37.8 19.9 59.6
77 32.1 24.7 37.1





#37

Ethyl Acetate

Concen: 53.611 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

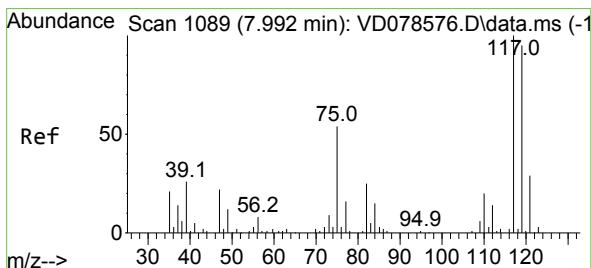
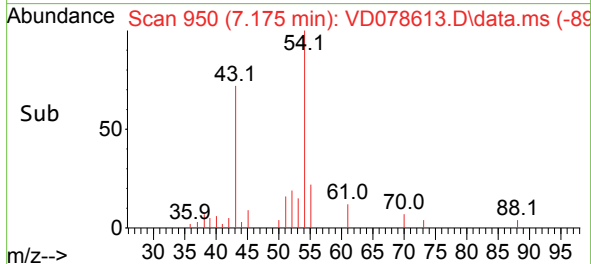
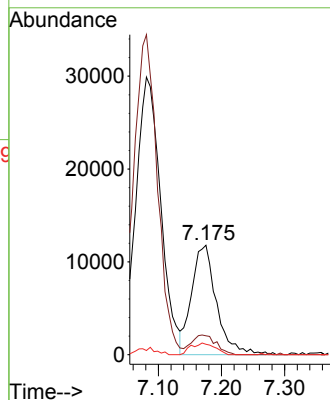
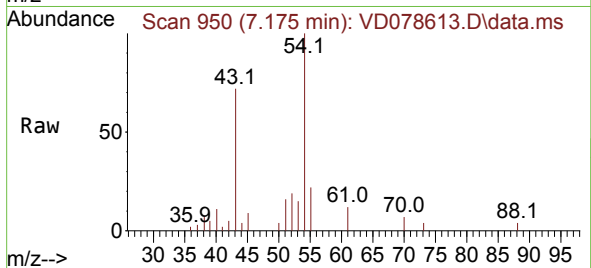
Tgt Ion: 43 Resp: 32275

Ion Ratio Lower Upper

43 100

61 17.6 14.9 22.3

70 10.2 10.0 15.0



#38

Carbon Tetrachloride

Concen: 46.651 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.005 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

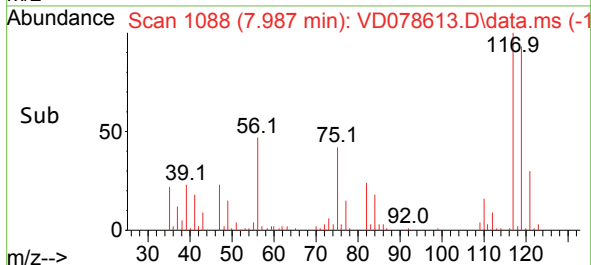
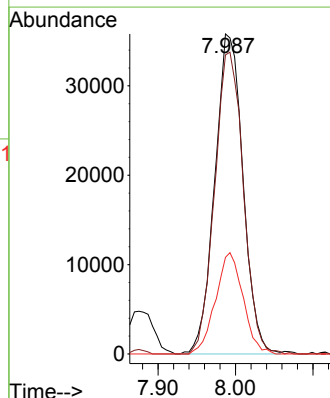
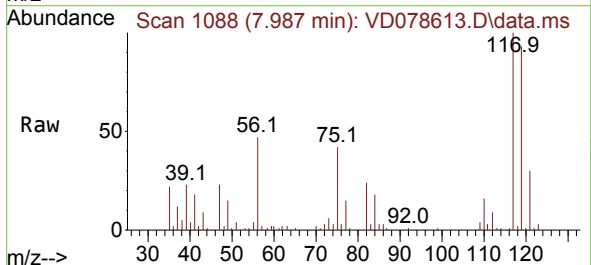
Tgt Ion: 117 Resp: 90659

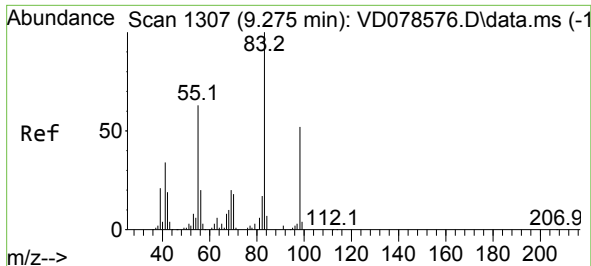
Ion Ratio Lower Upper

117 100

119 93.5 78.0 117.0

121 30.2 24.2 36.2

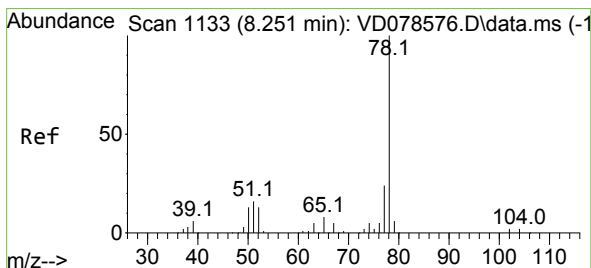
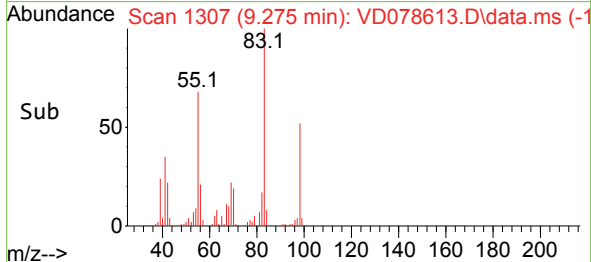
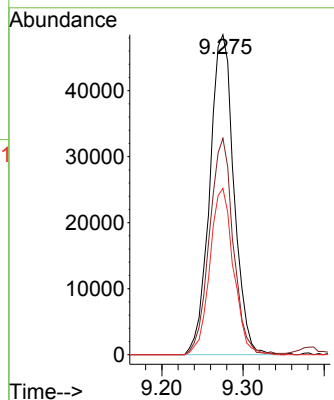
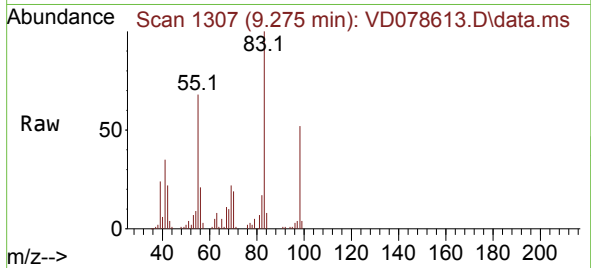




#39
Methylcyclohexane
Concen: 46.021 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

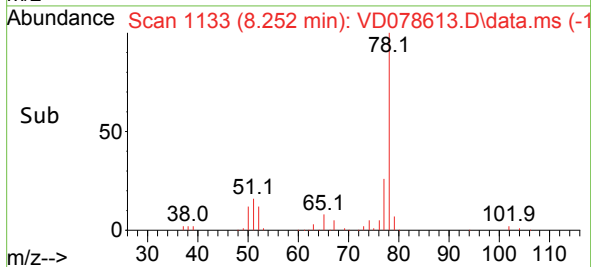
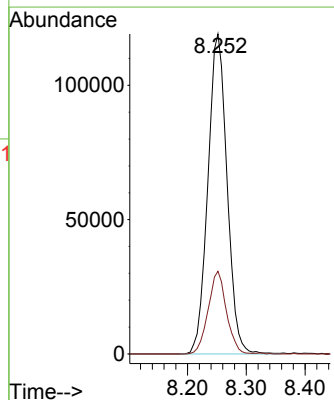
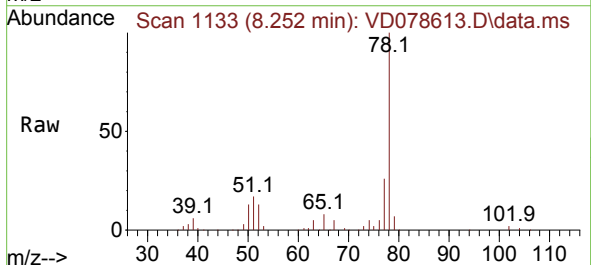
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

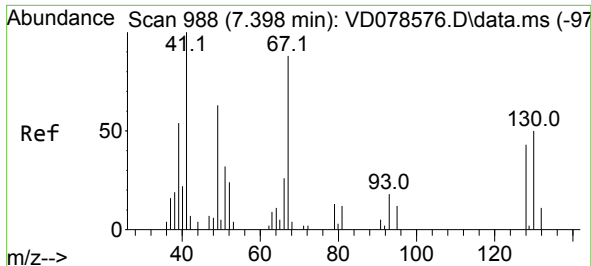
Tgt Ion: 83 Resp: 100359
Ion Ratio Lower Upper
83 100
55 67.6 49.4 74.0
98 51.9 38.4 57.6



#40
Benzene
Concen: 48.972 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 78 Resp: 269699
Ion Ratio Lower Upper
78 100
77 25.9 19.4 29.0

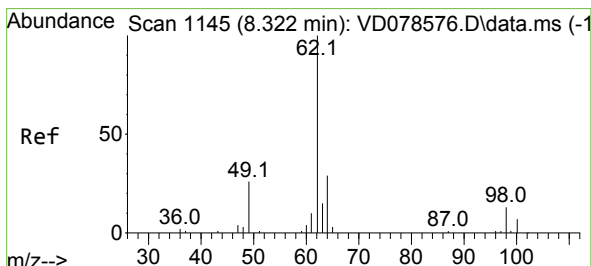
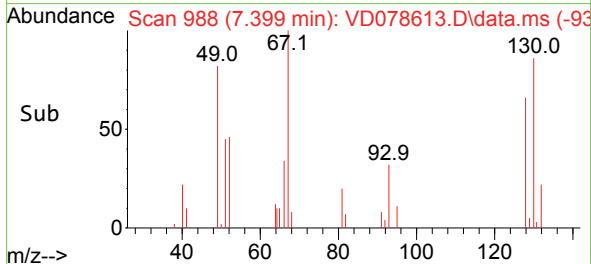
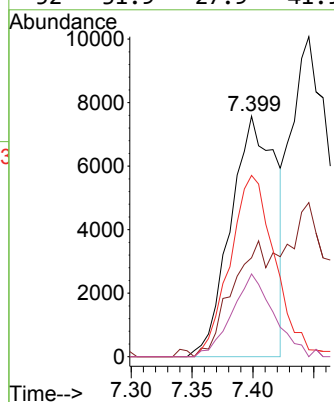
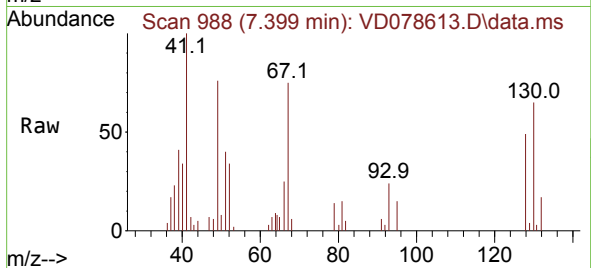




#41
Methacrylonitrile
Concen: 60.551 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

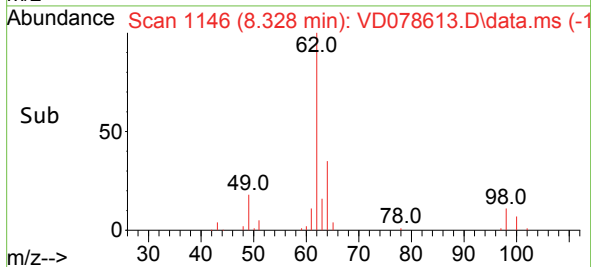
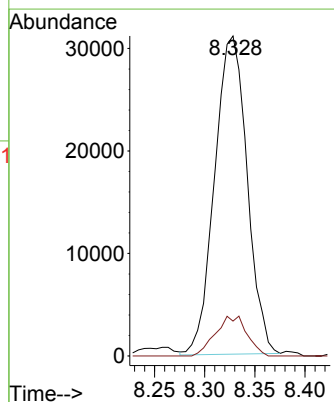
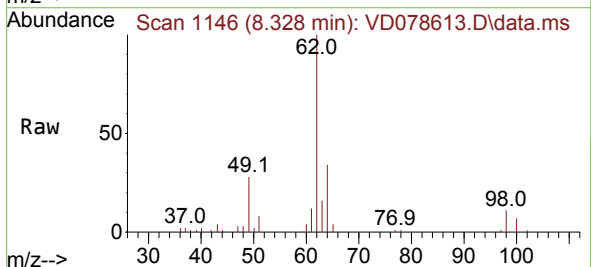
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

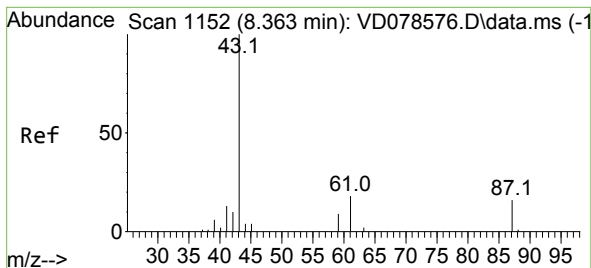
Tgt Ion: 41 Resp: 19538
Ion Ratio Lower Upper
41 100
39 36.1 34.0 51.0
67 75.0 77.0 115.4#
52 31.9 27.9 41.9



#42
1,2-Dichloroethane
Concen: 50.082 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 62 Resp: 69971
Ion Ratio Lower Upper
62 100
98 12.1 0.0 25.4





#43

Isopropyl Acetate

Concen: 50.814 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

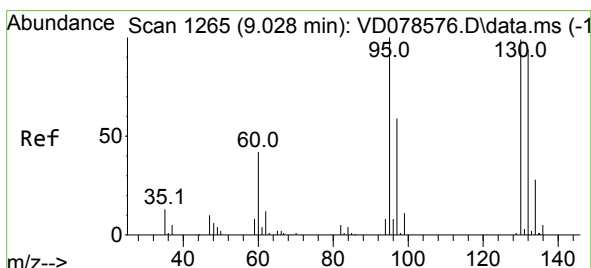
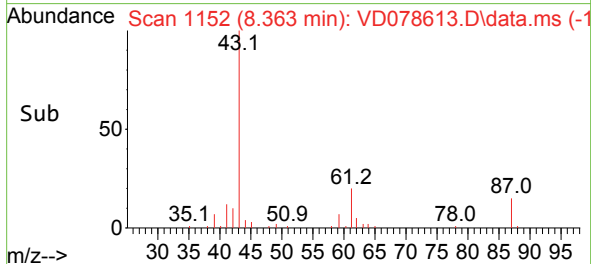
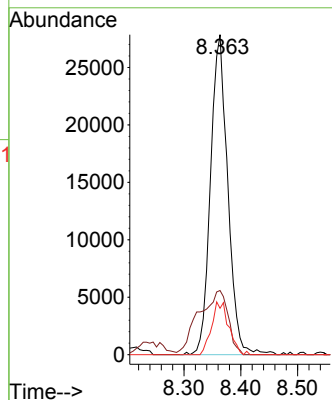
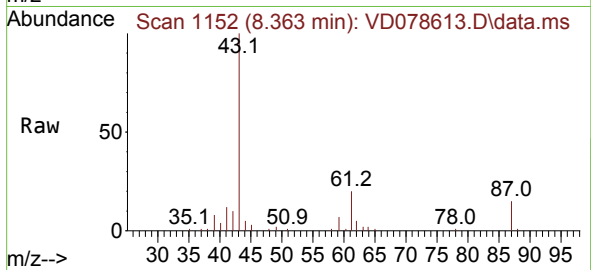
Tgt Ion: 43 Resp: 58648

Ion Ratio Lower Upper

43 100

61 34.0 31.4 47.0

87 16.5 14.9 22.3



#44

Trichloroethene

Concen: 47.464 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD078613.D

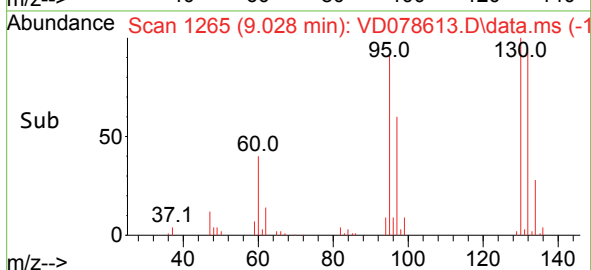
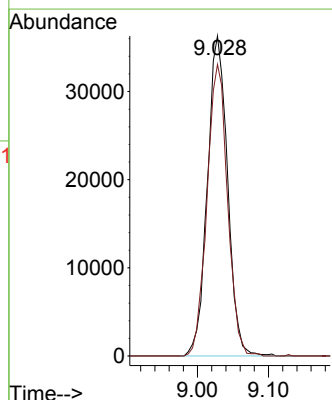
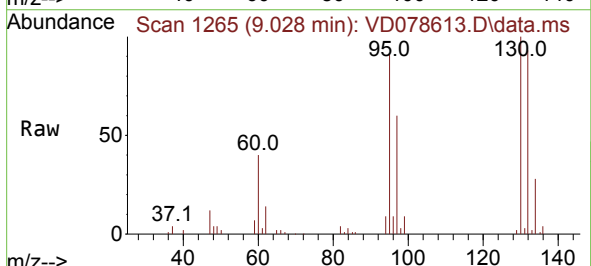
Acq: 08 Mar 2024 10:11

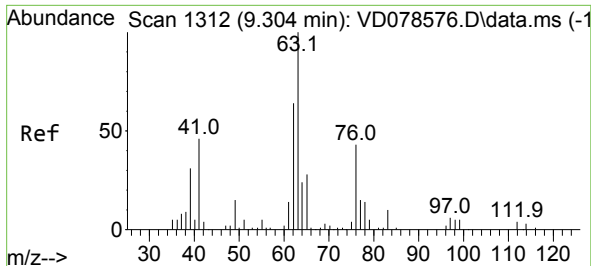
Tgt Ion:130 Resp: 71731

Ion Ratio Lower Upper

130 100

95 91.1 0.0 179.2

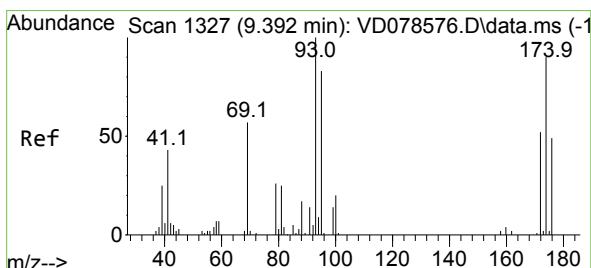
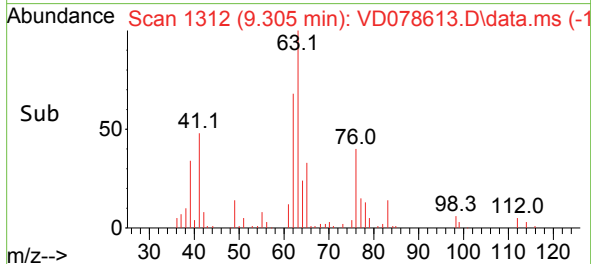
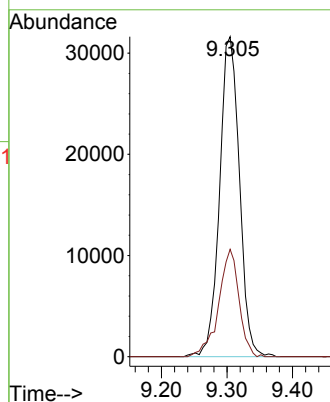
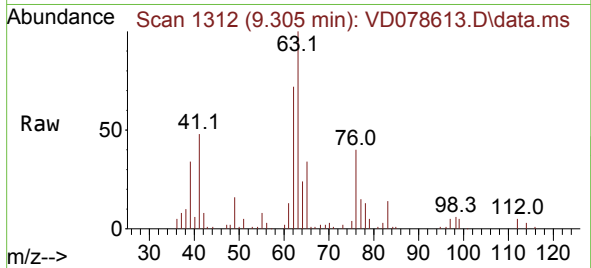




#45
1,2-Dichloropropane
Concen: 50.161 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

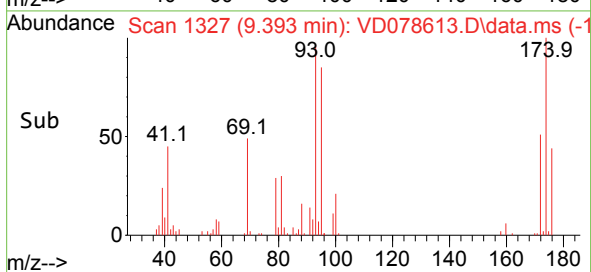
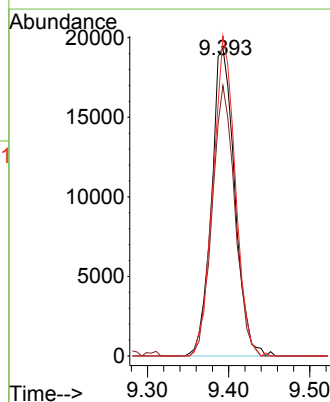
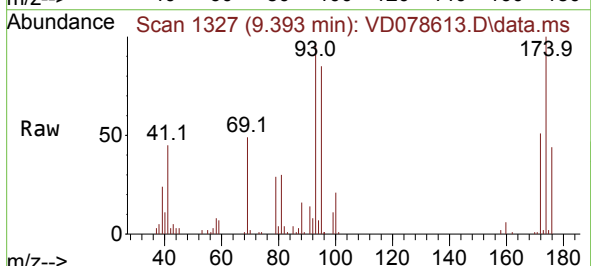
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

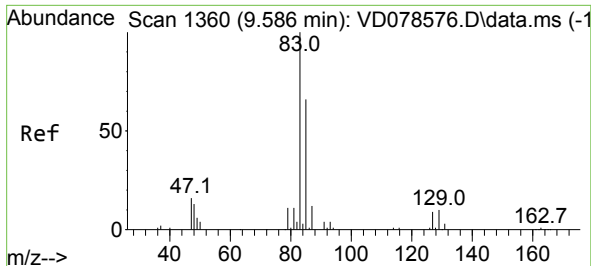
Tgt Ion: 63 Resp: 66359
Ion Ratio Lower Upper
63 100
65 33.6 24.5 36.7



#46
Dibromomethane
Concen: 50.387 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 93 Resp: 38428
Ion Ratio Lower Upper
93 100
95 85.9 67.7 101.5
174 99.7 85.4 128.2





#47

Bromodichloromethane

Concen: 50.487 ug/l

RT: 9.581 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

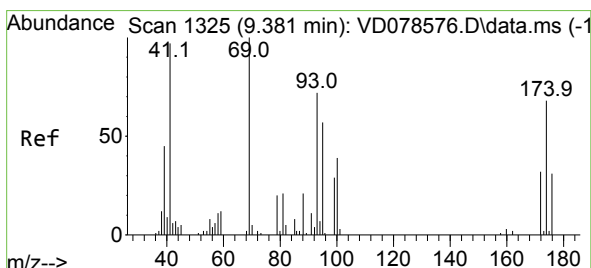
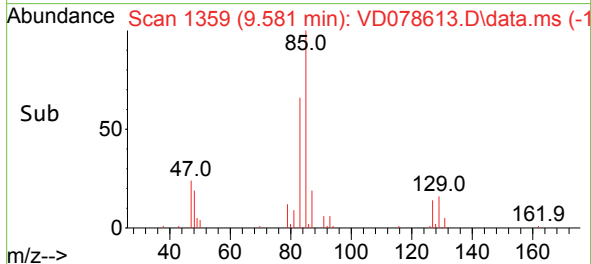
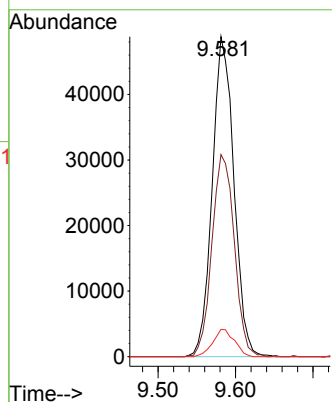
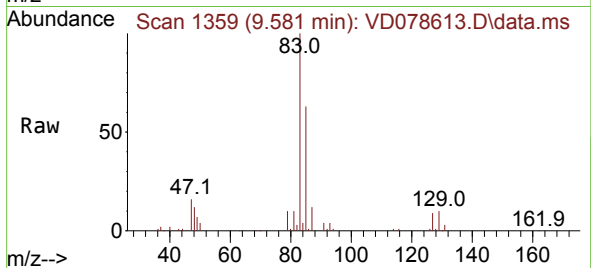
Tgt Ion: 83 Resp: 94941

Ion Ratio Lower Upper

83 100

85 63.2 50.2 75.4

127 8.6 6.3 9.5



#48

Methyl methacrylate

Concen: 55.131 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.006 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

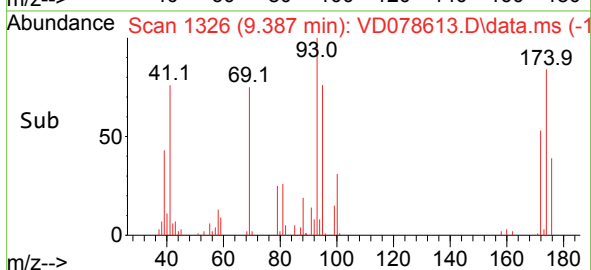
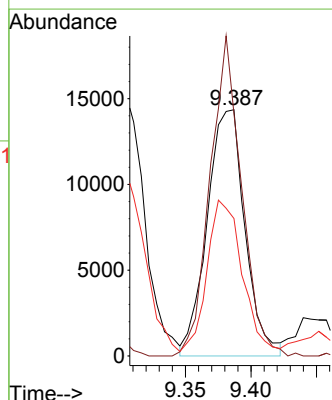
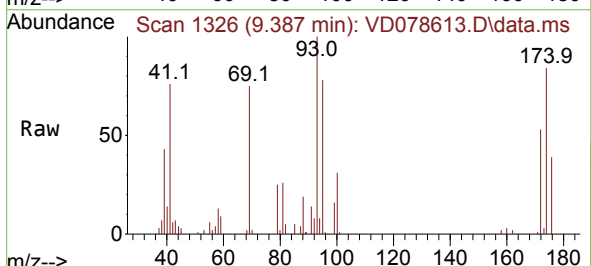
Tgt Ion: 41 Resp: 28824

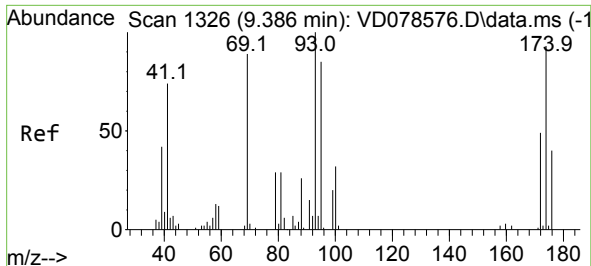
Ion Ratio Lower Upper

41 100

69 108.2 102.2 153.2

39 57.0 41.4 62.2





#49

1,4-Dioxane

Concen: 994.546 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

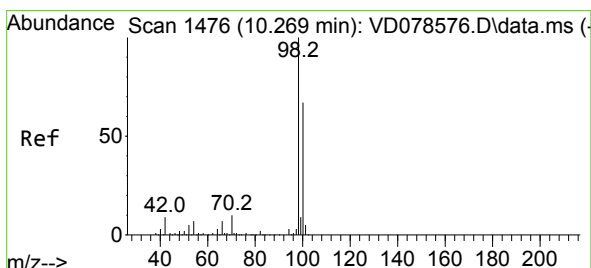
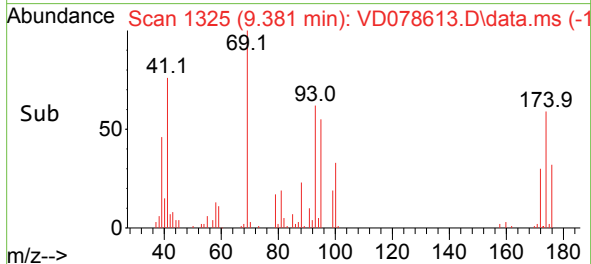
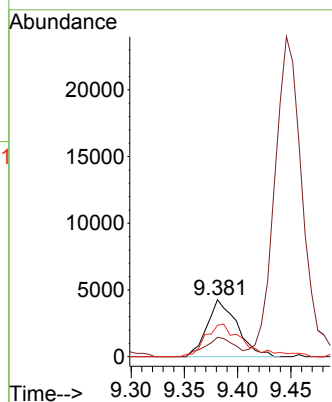
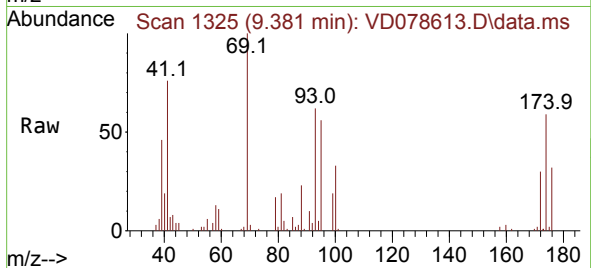
Tgt Ion: 88 Resp: 8362

Ion Ratio Lower Upper

88 100

43 33.0 19.0 28.6#

58 73.6 43.5 65.3#



#50

Toluene-d8

Concen: 54.334 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078613.D

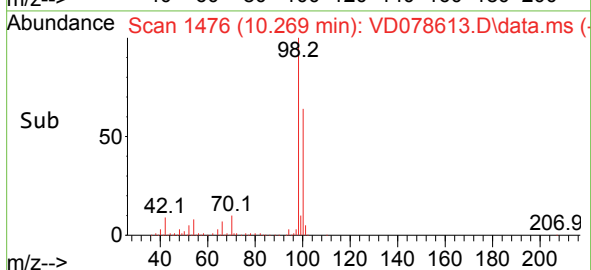
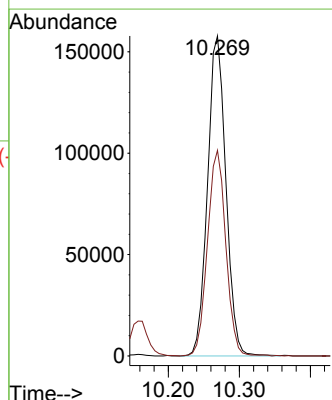
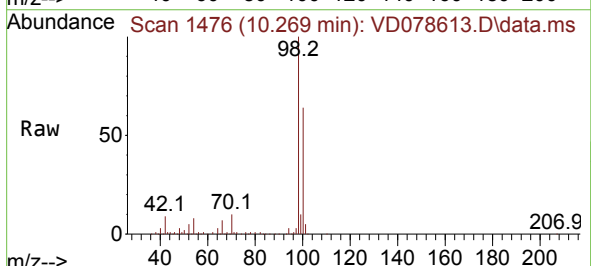
Acq: 08 Mar 2024 10:11

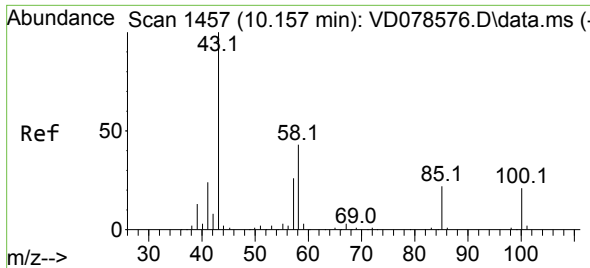
Tgt Ion: 98 Resp: 283484

Ion Ratio Lower Upper

98 100

100 64.4 50.3 75.5

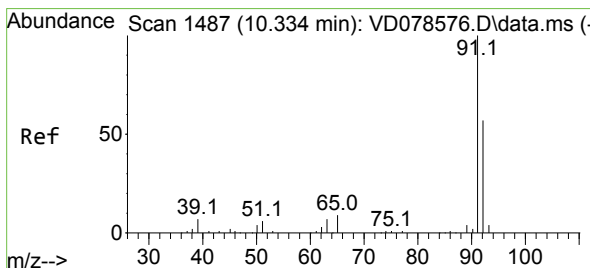
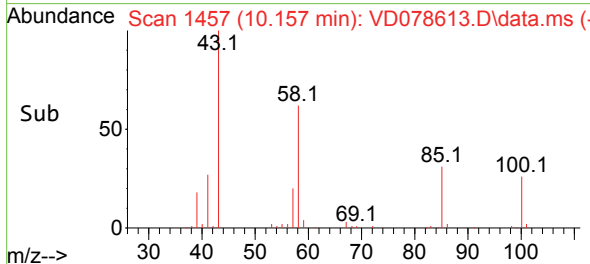
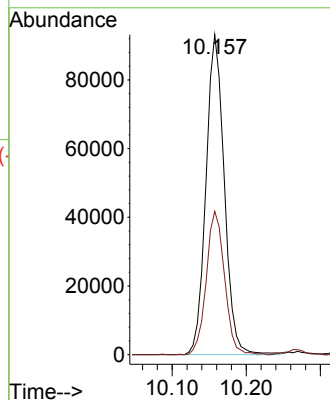
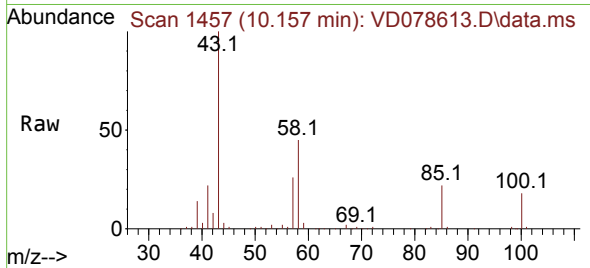




#51
4-Methyl-2-Pentanone
Concen: 268.651 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

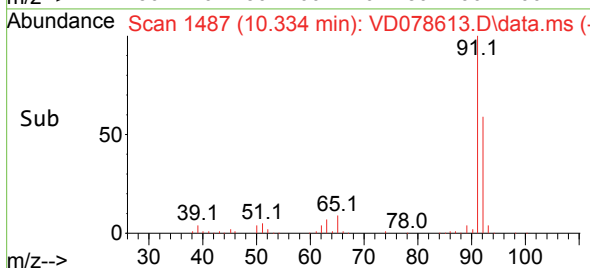
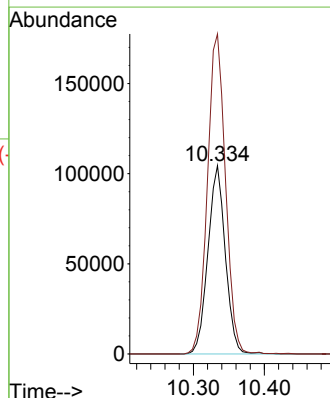
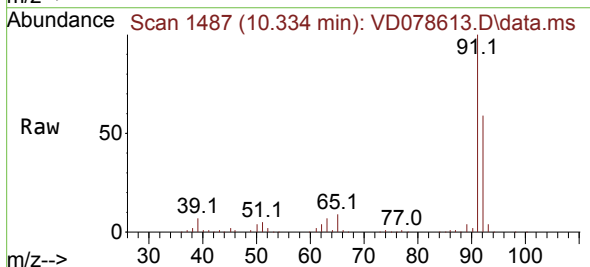
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

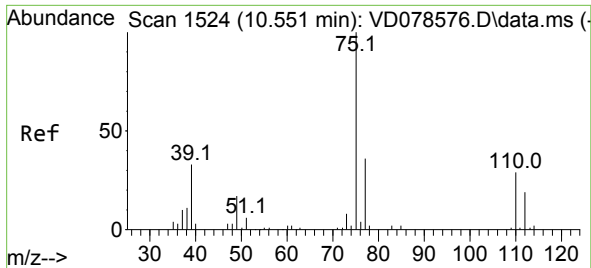
Tgt Ion: 43 Resp: 160043
Ion Ratio Lower Upper
43 100
58 44.7 38.9 58.3



#52
Toluene
Concen: 50.345 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 92 Resp: 177902
Ion Ratio Lower Upper
92 100
91 176.1 143.0 214.4

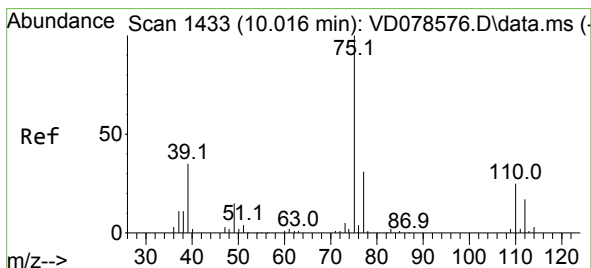
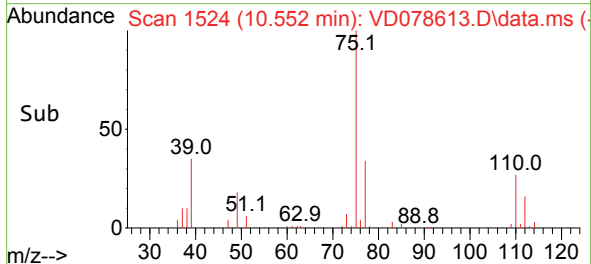
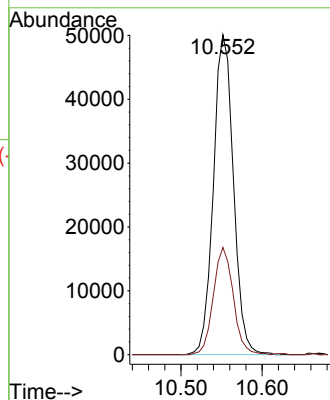
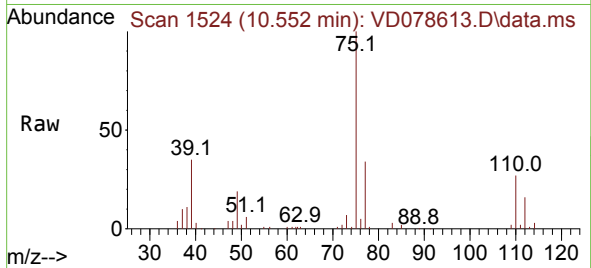




#53
t-1,3-Dichloropropene
Concen: 49.430 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

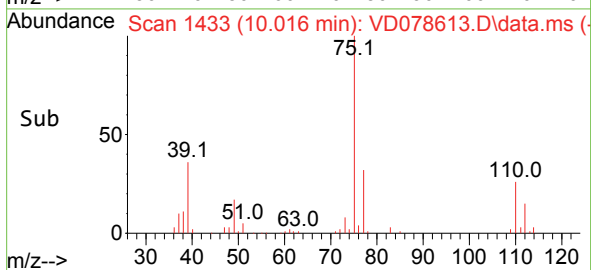
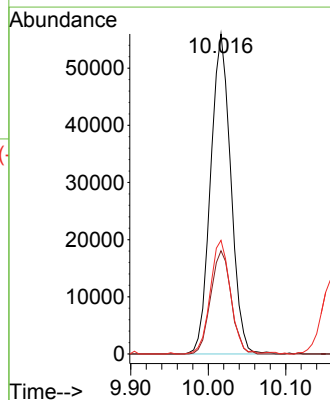
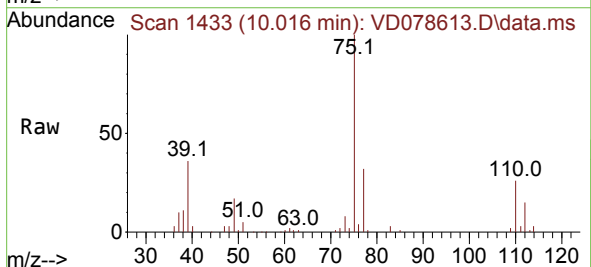
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

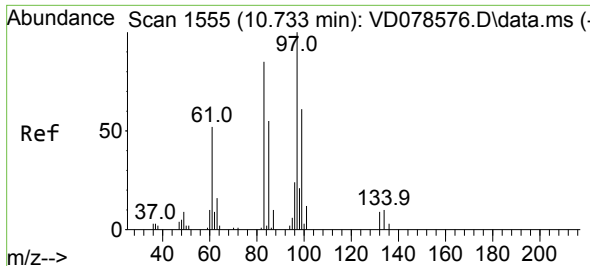
Tgt Ion: 75 Resp: 85991
Ion Ratio Lower Upper
75 100
77 33.5 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 48.706 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 75 Resp: 101450
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3
39 35.5 22.1 33.1#

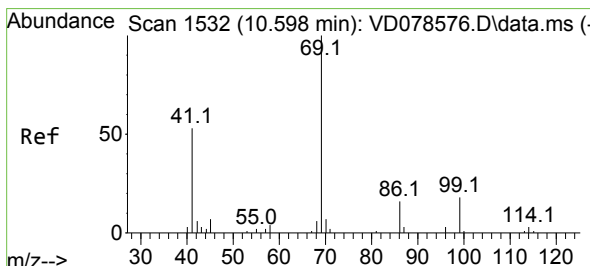
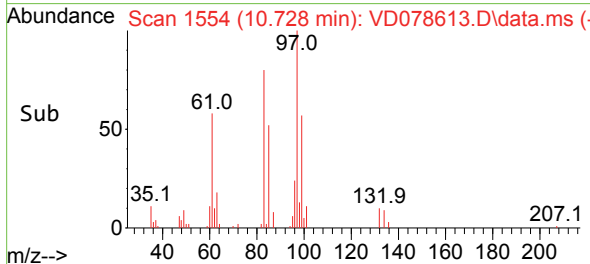
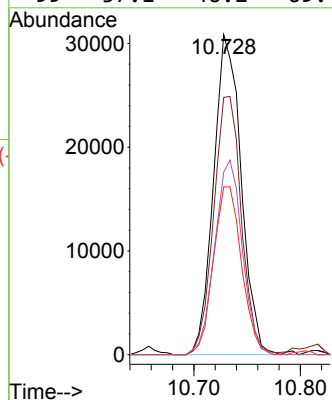
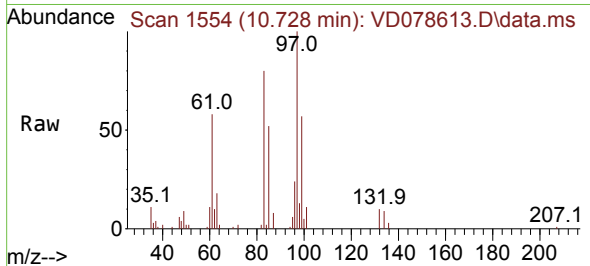




#55
1,1,2-Trichloroethane
Concen: 51.573 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.005 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

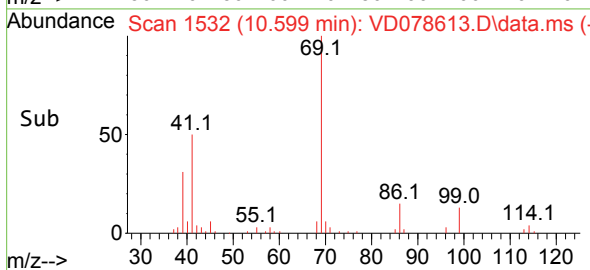
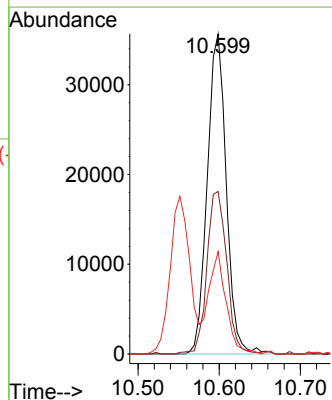
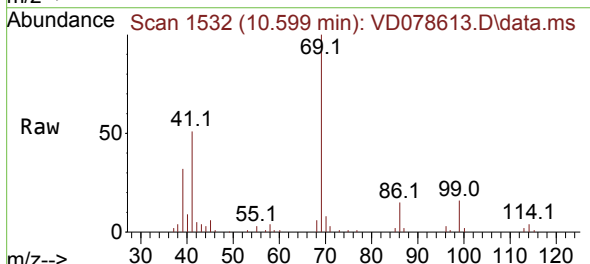
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

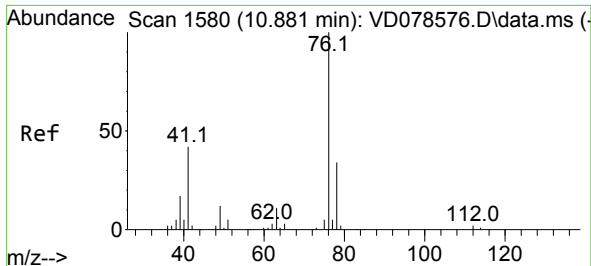
Tgt Ion: 97	Resp: 55383
Ion Ratio	Lower Upper
97 100	
83 80.4	65.8 98.6
85 52.4	45.7 68.5
99 57.1	46.2 69.4



#56
Ethyl methacrylate
Concen: 53.804 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 69	Resp: 57911
Ion Ratio	Lower Upper
69 100	
41 53.1	39.1 58.7
39 29.9	20.0 30.0





#57

1,3-Dichloropropane

Concen: 49.753 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

Instrument :

MSVOA_D

ClientSampleId :

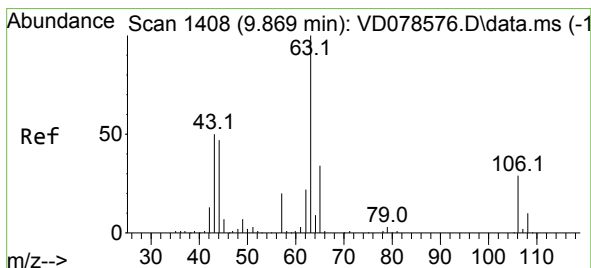
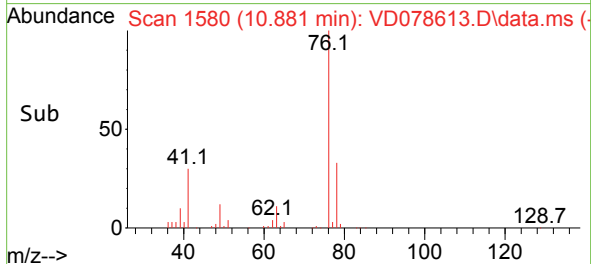
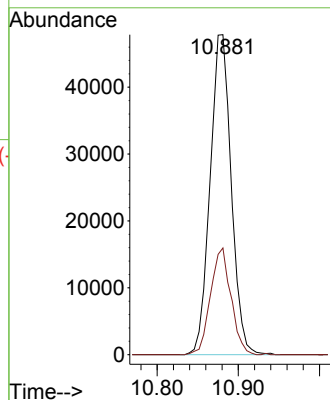
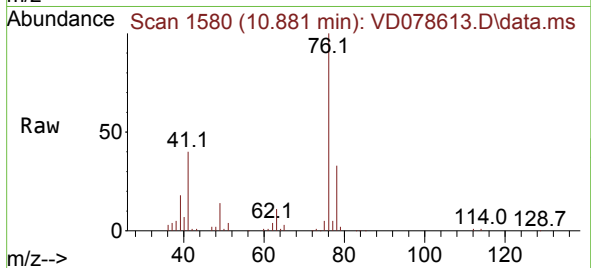
VSTDCCC050

Tgt Ion: 76 Resp: 86581

Ion Ratio Lower Upper

76 100

78 32.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 316.883 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078613.D

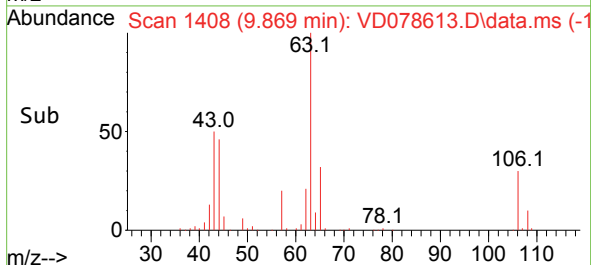
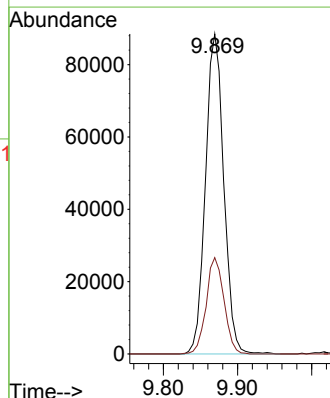
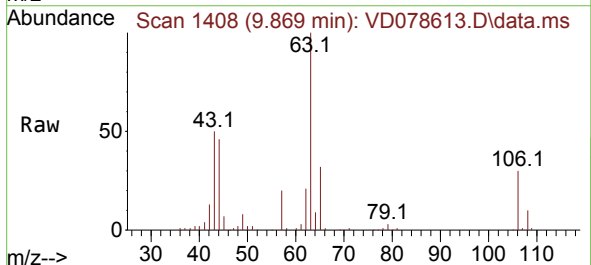
Acq: 08 Mar 2024 10:11

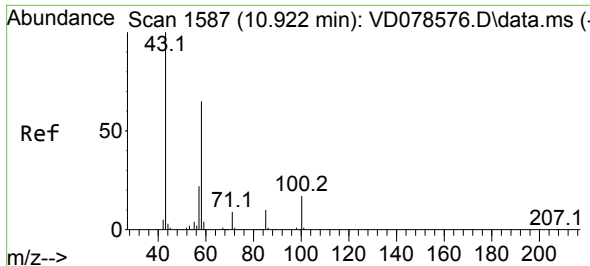
Tgt Ion: 63 Resp: 151699

Ion Ratio Lower Upper

63 100

106 29.3 25.3 37.9

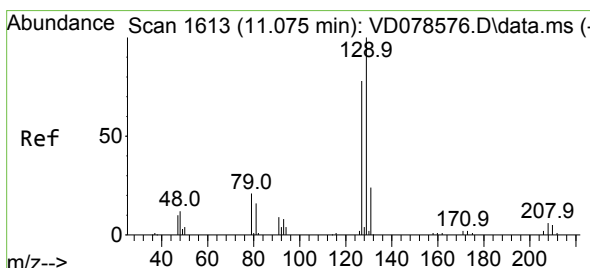
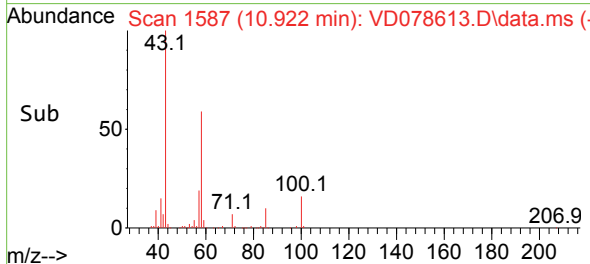
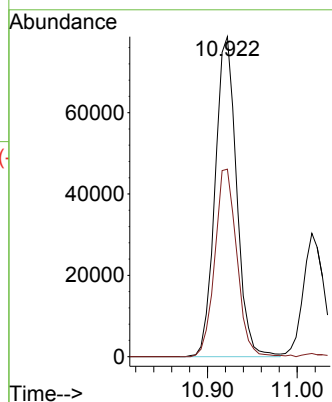
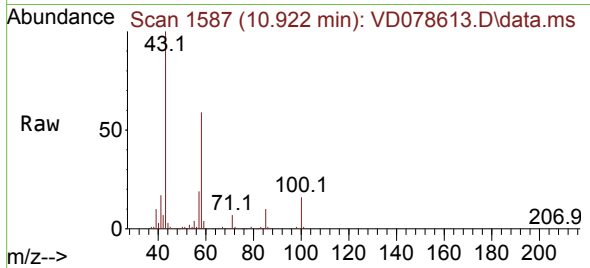




#59
2-Hexanone
Concen: 296.056 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

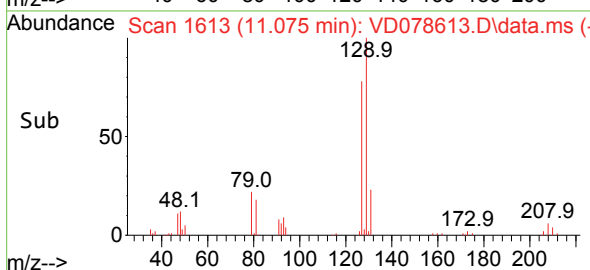
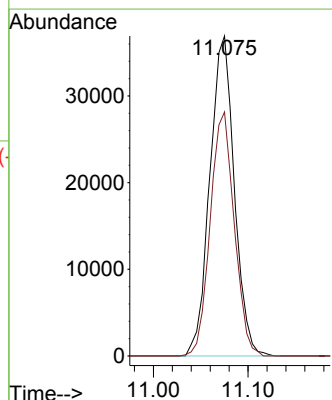
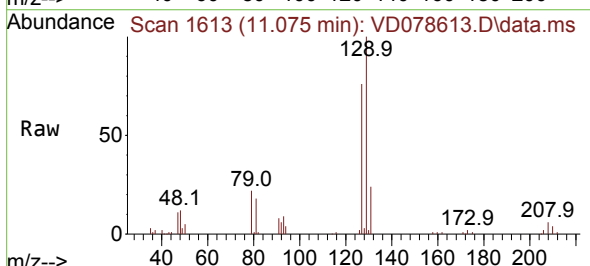
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

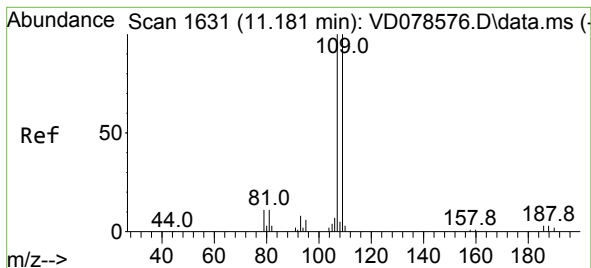
Tgt Ion: 43 Resp: 130816
Ion Ratio Lower Upper
43 100
58 60.1 34.1 102.2



#60
Dibromochloromethane
Concen: 51.128 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 129 Resp: 66297
Ion Ratio Lower Upper
129 100
127 74.6 37.1 111.5

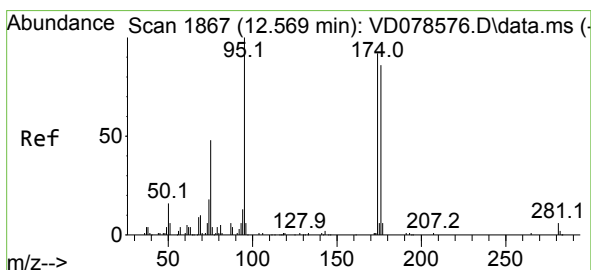
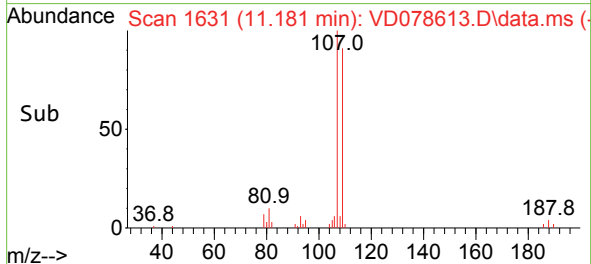
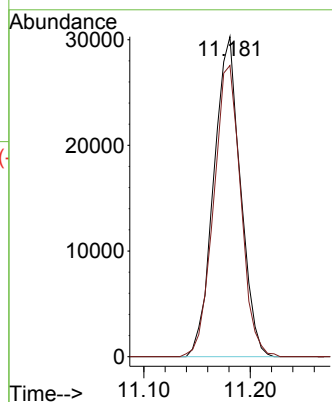
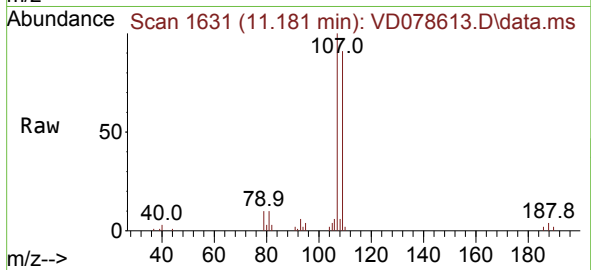




#61
1,2-Dibromoethane
Concen: 53.400 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

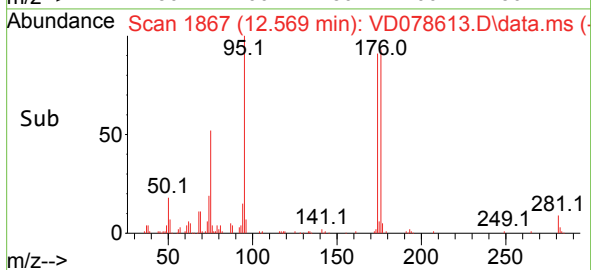
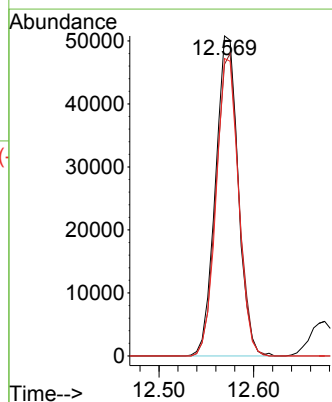
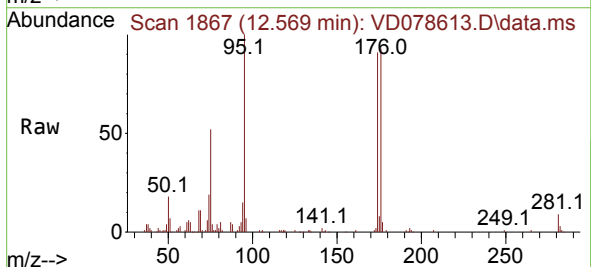
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

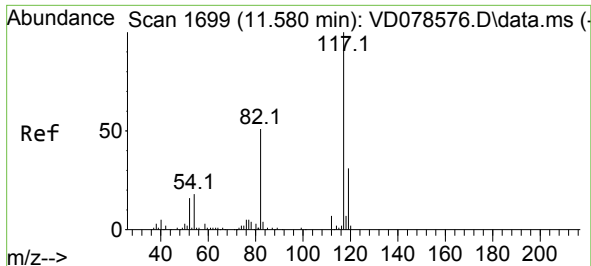
Tgt Ion:107 Resp: 52629
Ion Ratio Lower Upper
107 100
109 92.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 56.596 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

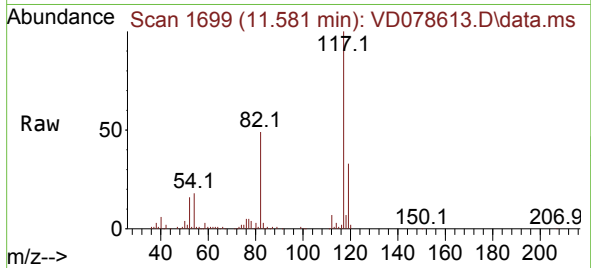
Tgt Ion: 95 Resp: 84339
Ion Ratio Lower Upper
95 100
174 94.4 0.0 201.8
176 91.7 0.0 191.8





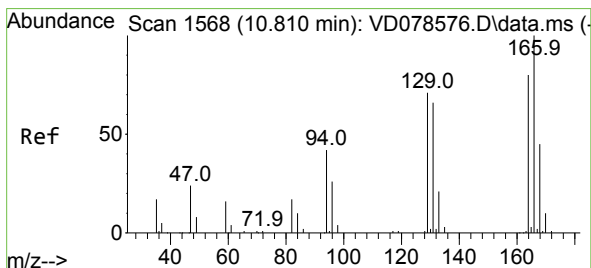
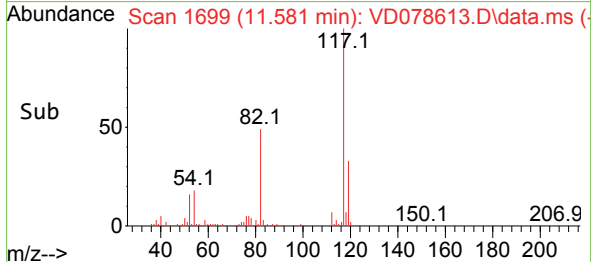
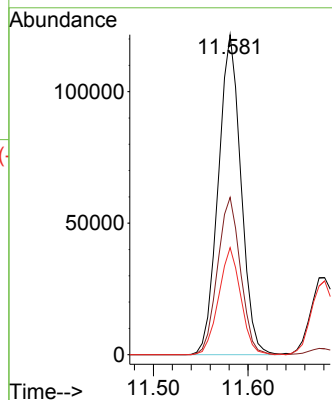
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 202189

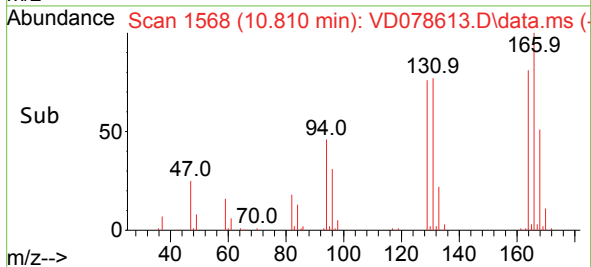
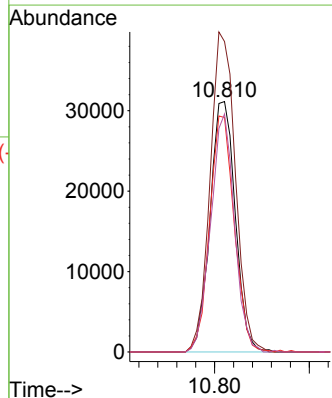
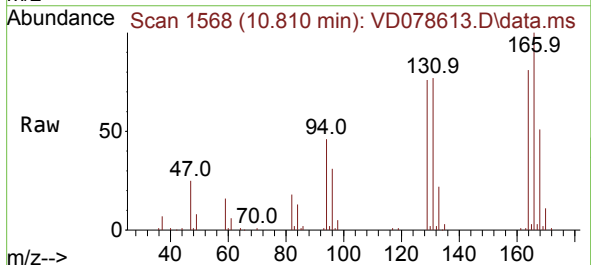
Ion	Ratio	Lower	Upper
117	100		
82	49.1	38.3	57.5
119	33.5	25.0	37.4

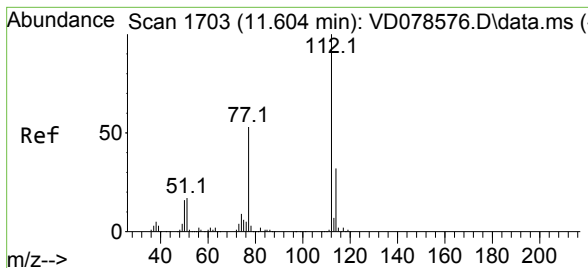


#64
Tetrachloroethene
Concen: 45.124 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion:164 Resp: 57406

Ion	Ratio	Lower	Upper
164	100		
166	124.0	99.2	148.8
129	93.6	68.4	102.6
131	95.0	63.8	95.8





#65

Chlorobenzene

Concen: 47.224 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

Instrument :

MSVOA_D

ClientSampleId :

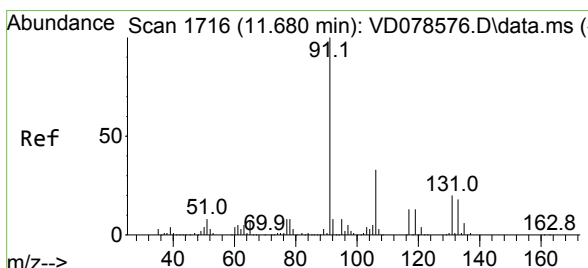
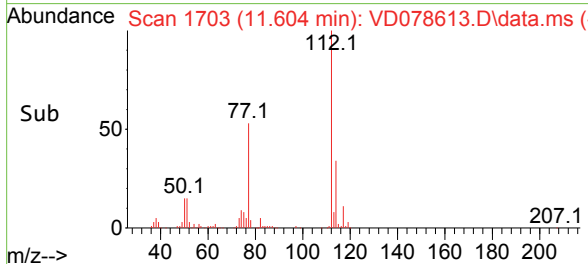
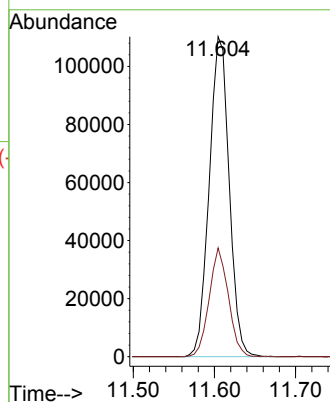
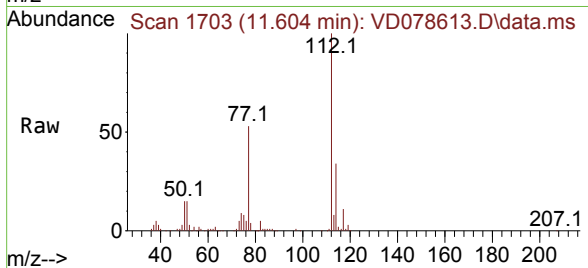
VSTDCCC050

Tgt Ion:112 Resp: 188028

Ion Ratio Lower Upper

112 100

114 34.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 48.463 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

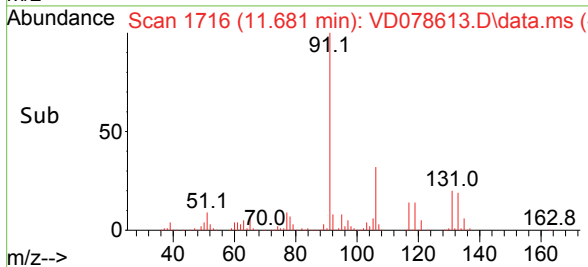
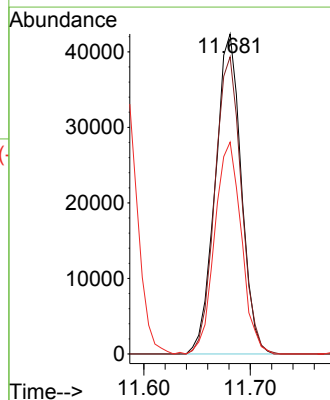
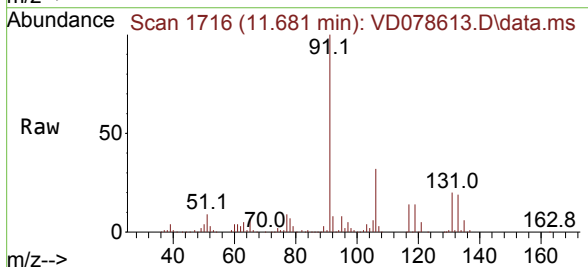
Tgt Ion:131 Resp: 71836

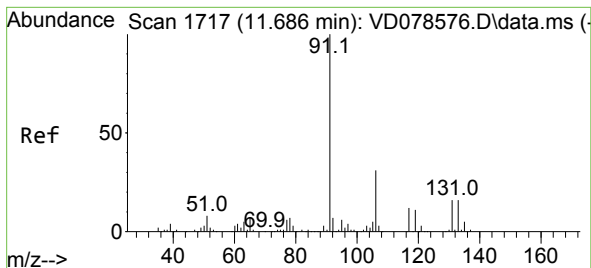
Ion Ratio Lower Upper

131 100

133 94.4 48.5 145.5

119 68.0 35.6 106.9





#67

Ethyl Benzene

Concen: 47.999 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.005 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

Instrument :

MSVOA_D

ClientSampleId :

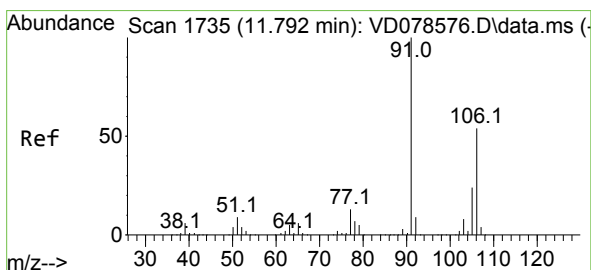
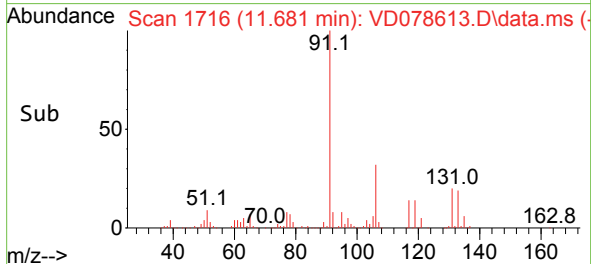
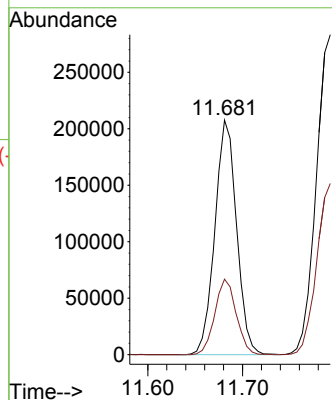
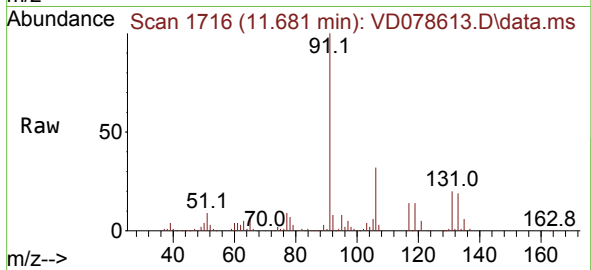
VSTDCCC050

Tgt Ion: 91 Resp: 331143

Ion Ratio Lower Upper

91 100

106 32.2 26.5 39.7



#68

m/p-Xylenes

Concen: 97.537 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078613.D

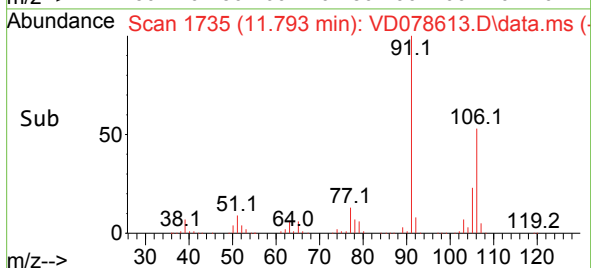
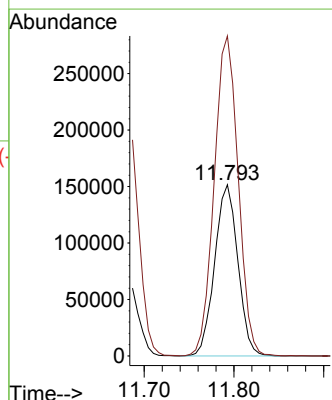
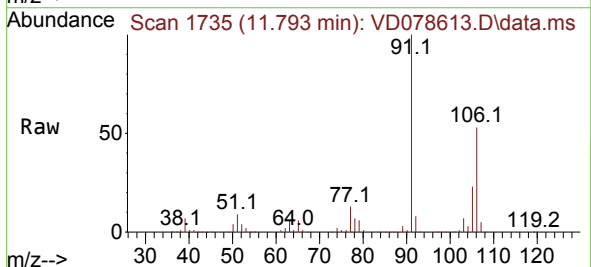
Acq: 08 Mar 2024 10:11

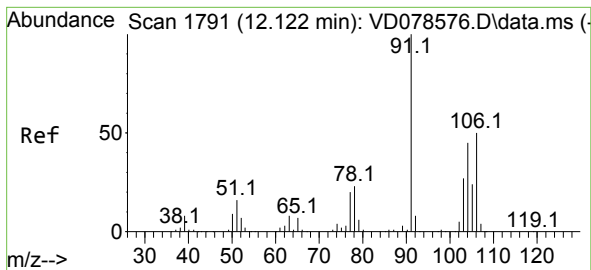
Tgt Ion:106 Resp: 272228

Ion Ratio Lower Upper

106 100

91 192.9 147.0 220.6

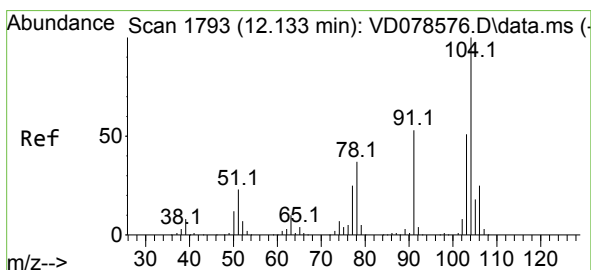
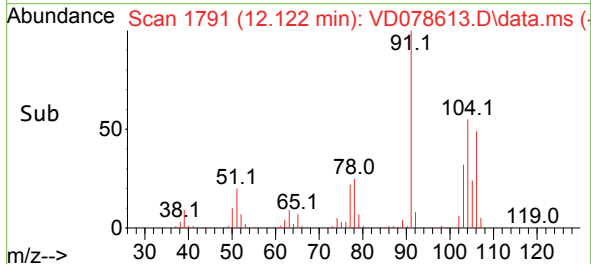
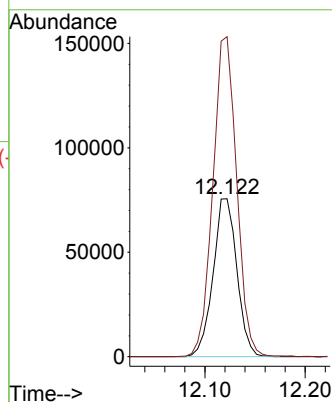
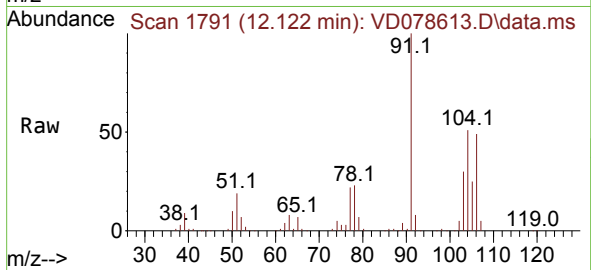




#69
o-Xylene
Concen: 49.129 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

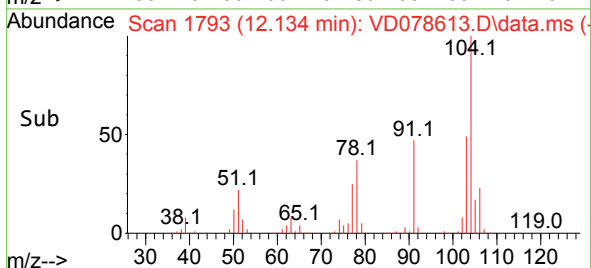
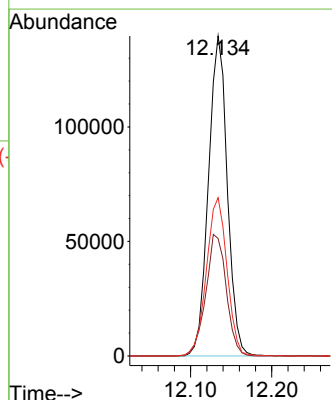
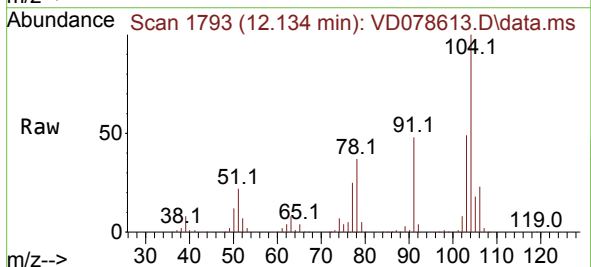
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

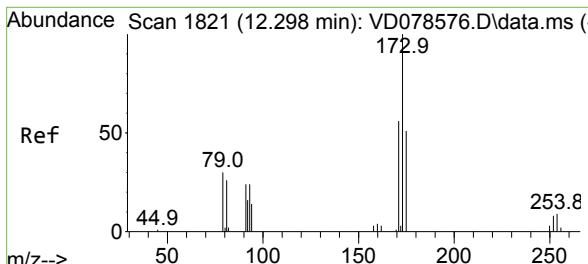
Tgt Ion:106 Resp: 124394
Ion Ratio Lower Upper
106 100
91 203.0 97.9 293.6



#70
Styrene
Concen: 51.367 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion:104 Resp: 225437
Ion Ratio Lower Upper
104 100
78 41.3 33.2 49.8
103 53.9 43.6 65.4

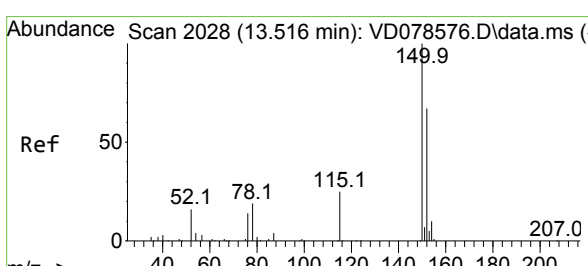
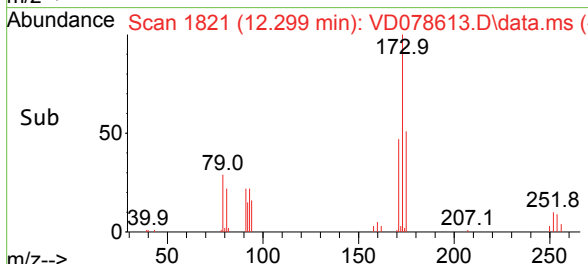
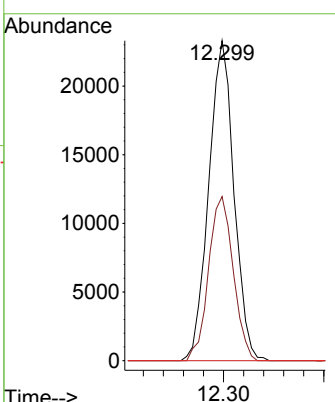
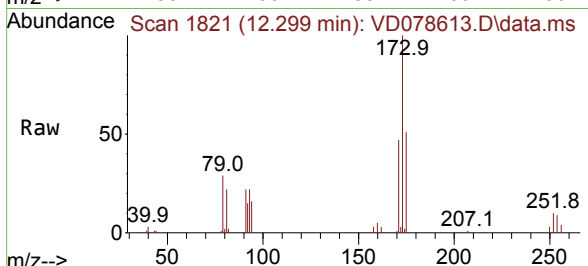




#71
 Bromoform
 Concen: 51.555 ug/l
 RT: 12.299 min Scan# 1821
 Delta R.T. 0.000 min
 Lab File: VD078613.D
 Acq: 08 Mar 2024 10:11

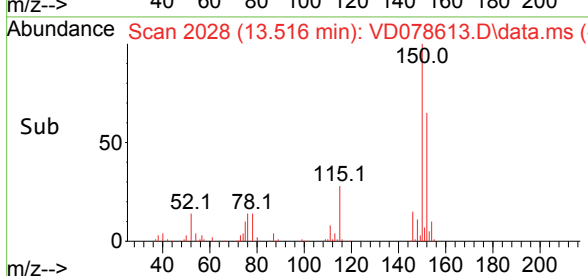
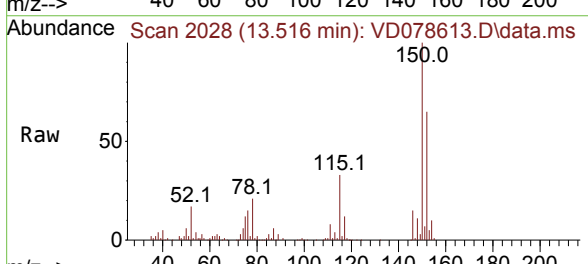
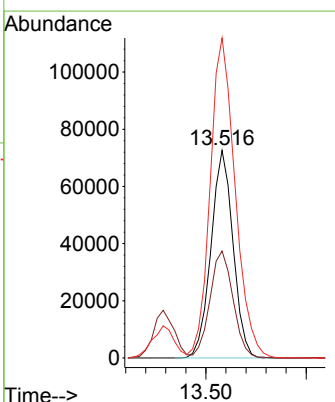
Instrument : MSVOA_D
 ClientSampleId : VSTDCCC050

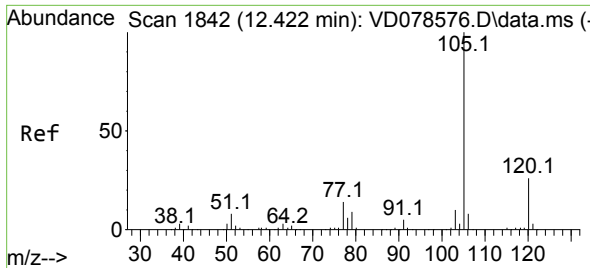
Tgt Ion:	173	Resp:	40654
Ion Ratio	Lower	Upper	
173	100		
175	50.2	24.6	73.8
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078613.D
 Acq: 08 Mar 2024 10:11

Tgt Ion:	152	Resp:	110892
Ion Ratio	Lower	Upper	
152	100		
115	53.9	27.1	81.3
150	174.6	0.0	353.6

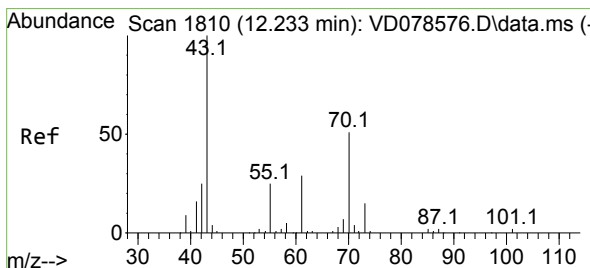
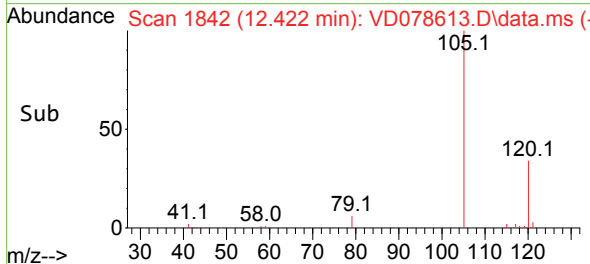
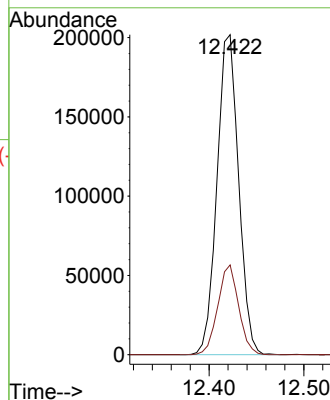
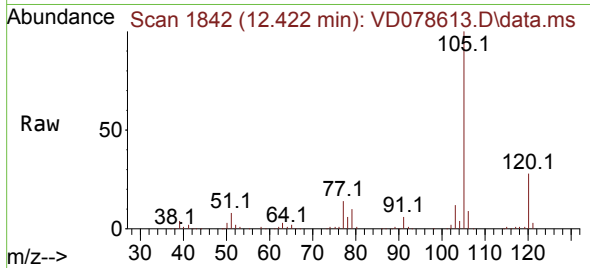




#73
Isopropylbenzene
Concen: 45.577 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

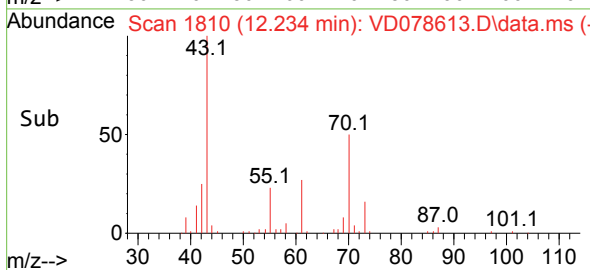
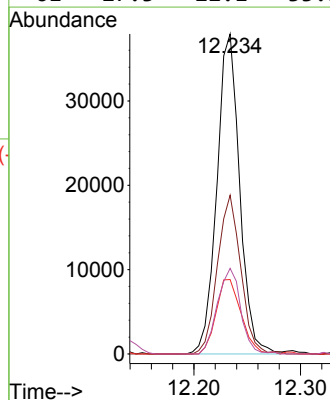
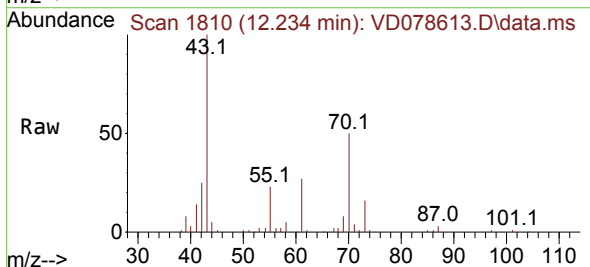
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

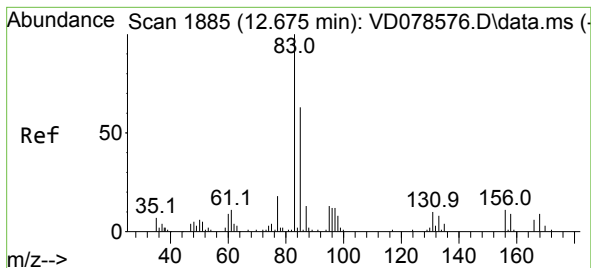
Tgt Ion:105 Resp: 320380
Ion Ratio Lower Upper
105 100
120 27.0 14.3 42.9



#74
N-ethyl acetate
Concen: 47.655 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 43 Resp: 56383
Ion Ratio Lower Upper
43 100
70 50.7 45.0 67.4
55 25.7 23.8 35.6
61 27.3 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.827 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

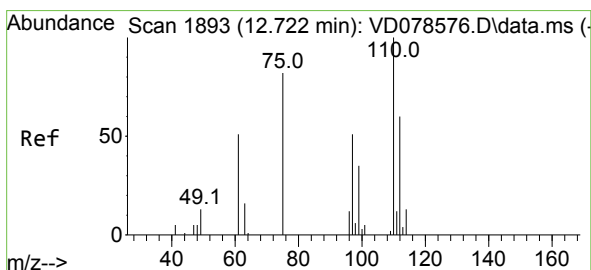
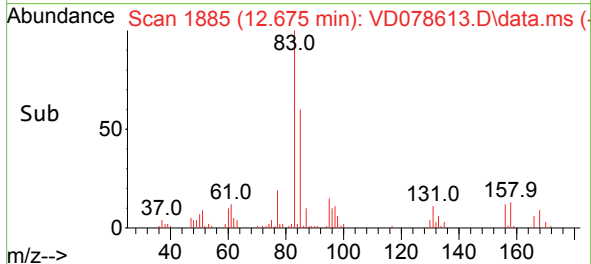
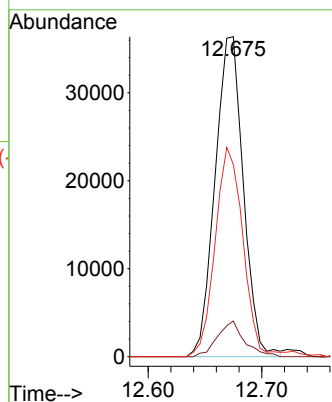
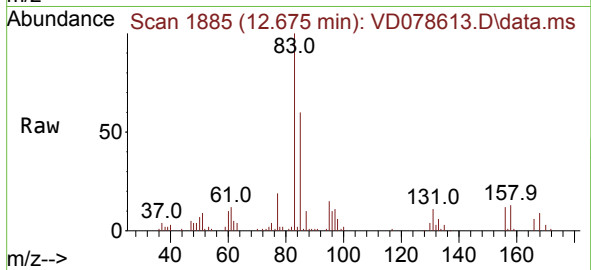
Tgt Ion: 83 Resp: 63059

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

85 65.3 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 84.953 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078613.D

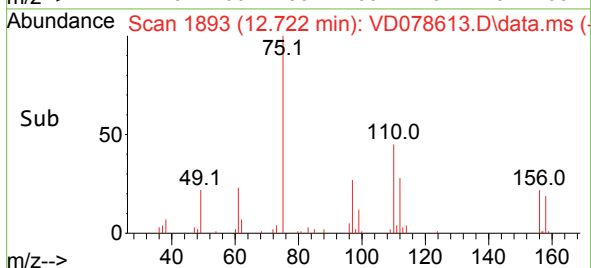
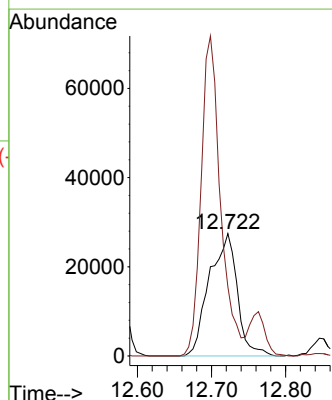
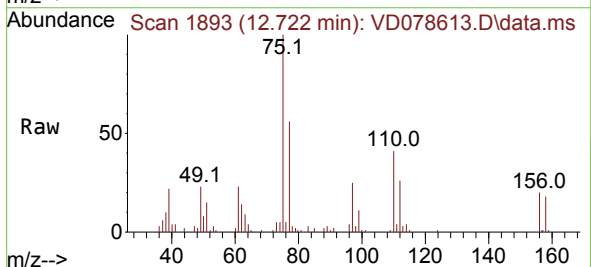
Acq: 08 Mar 2024 10:11

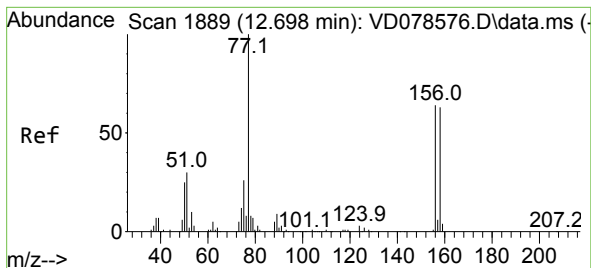
Tgt Ion: 75 Resp: 71949

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.898 ug/l

RT: 12.699 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

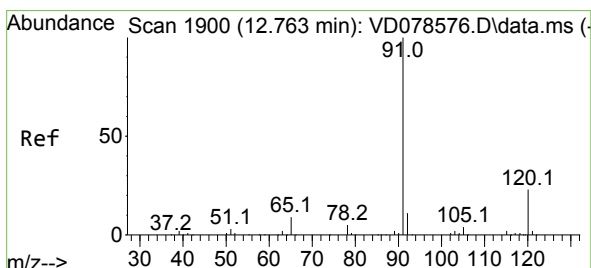
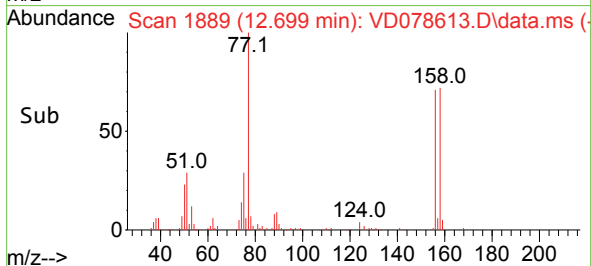
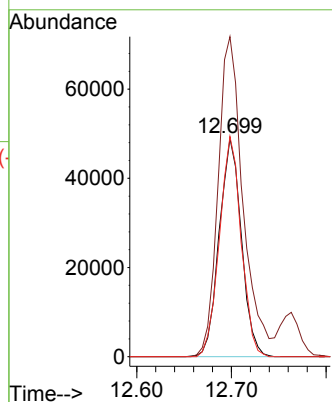
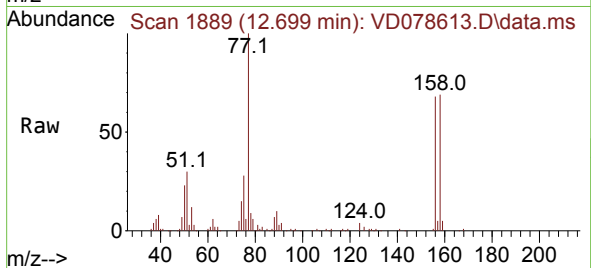
Tgt Ion:156 Resp: 79728

Ion Ratio Lower Upper

156 100

77 163.8 76.8 230.4

158 98.7 48.6 145.9



#78

n-propylbenzene

Concen: 46.578 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078613.D

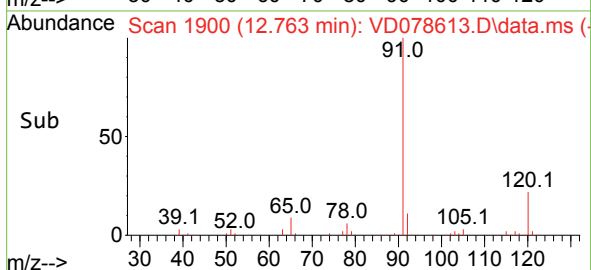
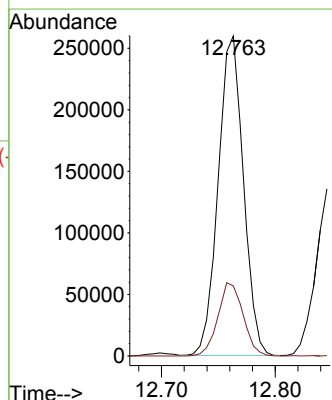
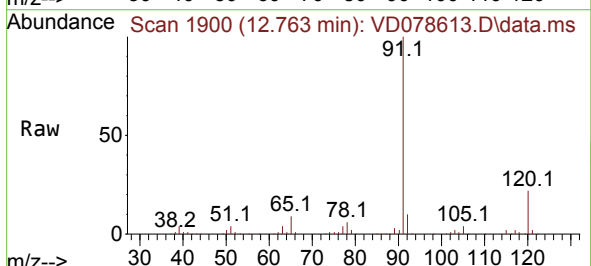
Acq: 08 Mar 2024 10:11

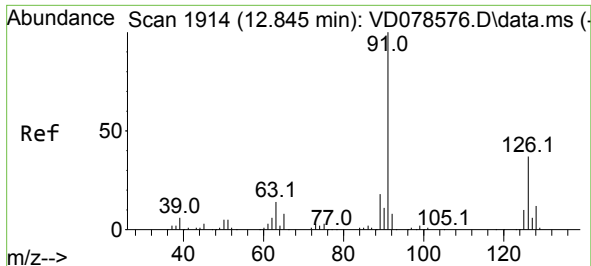
Tgt Ion: 91 Resp: 400491

Ion Ratio Lower Upper

91 100

120 22.9 12.4 37.2





#79

2-Chlorotoluene

Concen: 46.745 ug/l

RT: 12.846 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

Instrument :

MSVOA_D

ClientSampleId :

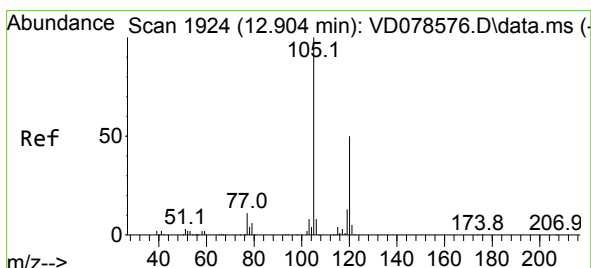
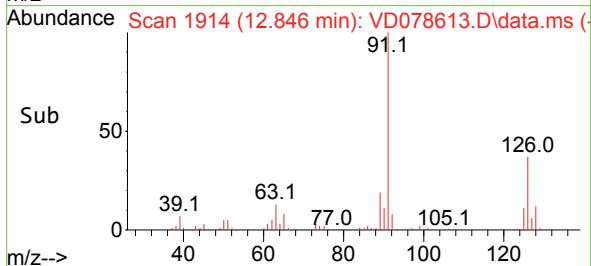
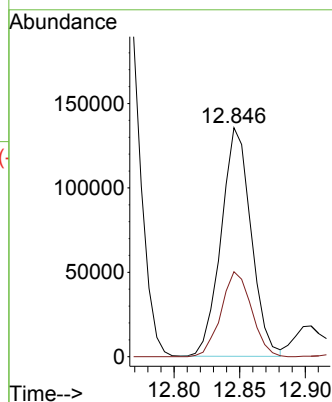
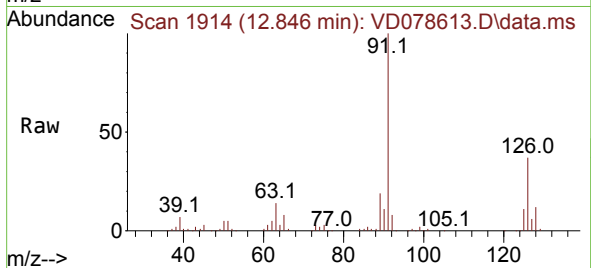
VSTDCCC050

Tgt Ion: 91 Resp: 215681

Ion Ratio Lower Upper

91 100

126 37.6 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 47.865 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078613.D

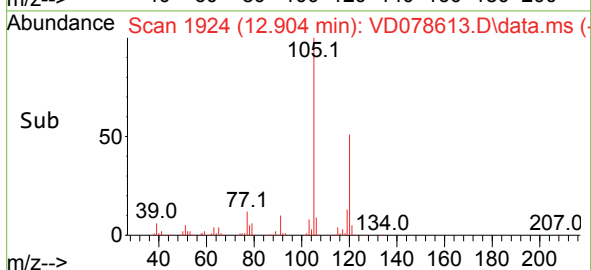
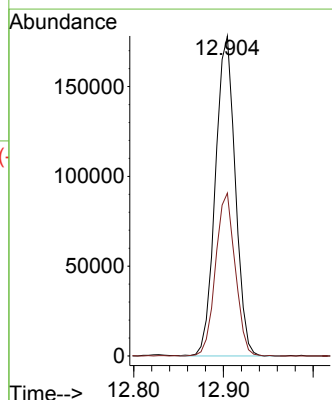
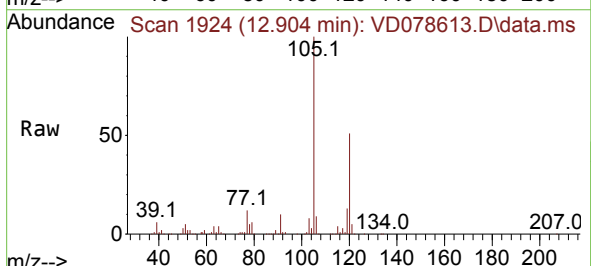
Acq: 08 Mar 2024 10:11

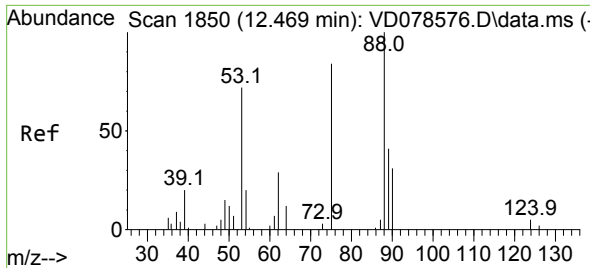
Tgt Ion: 105 Resp: 273791

Ion Ratio Lower Upper

105 100

120 50.3 26.4 79.2

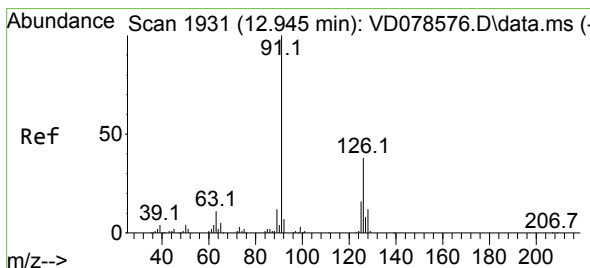
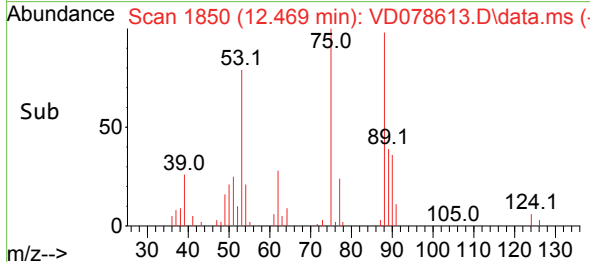
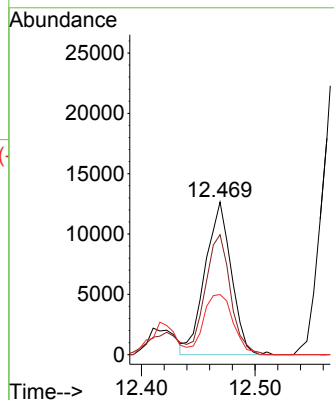
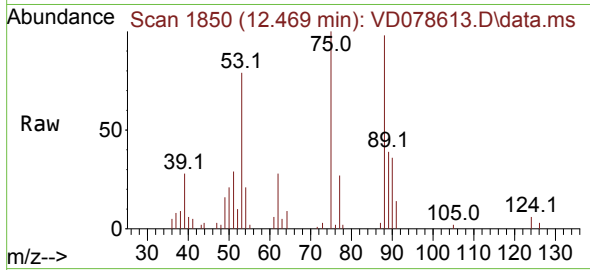




#81
trans-1,4-Dichloro-2-butene
Concen: 51.231 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

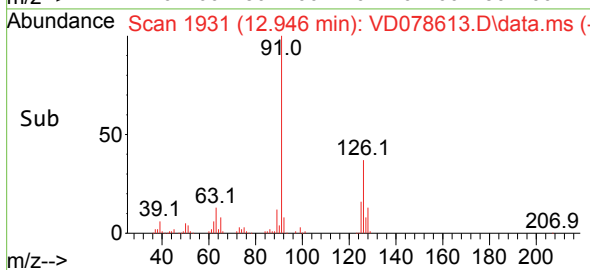
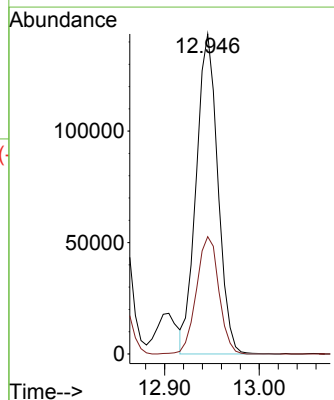
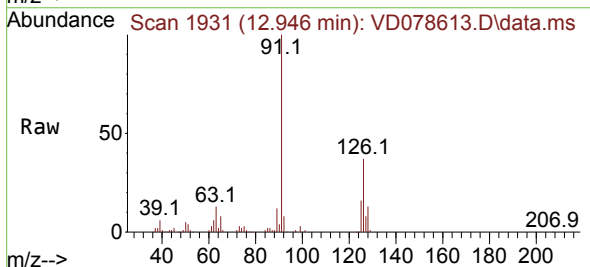
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

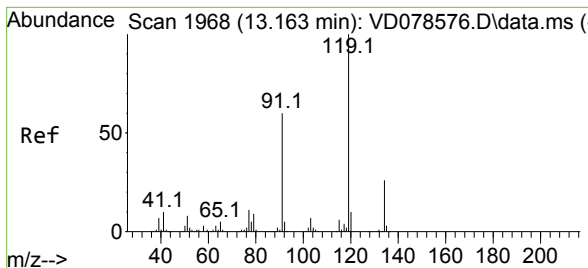
Tgt Ion: 75 Resp: 20271
Ion Ratio Lower Upper
75 100
53 75.7 63.0 94.4
89 44.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 46.277 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 91 Resp: 227559
Ion Ratio Lower Upper
91 100
126 38.0 19.4 58.4

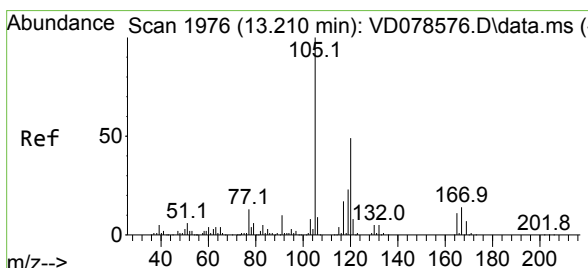
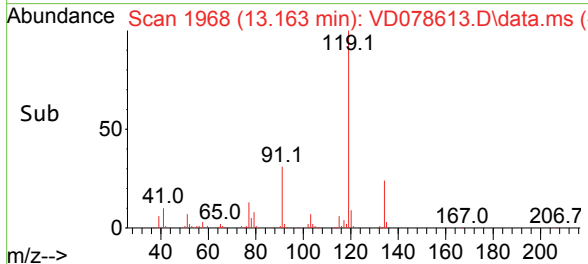
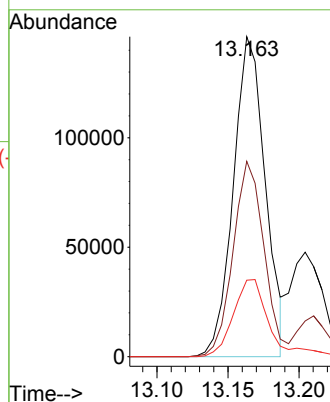
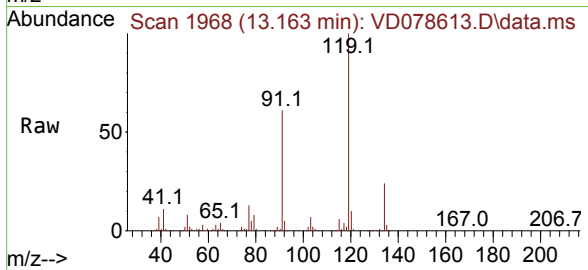




#83
tert-Butylbenzene
Concen: 46.456 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

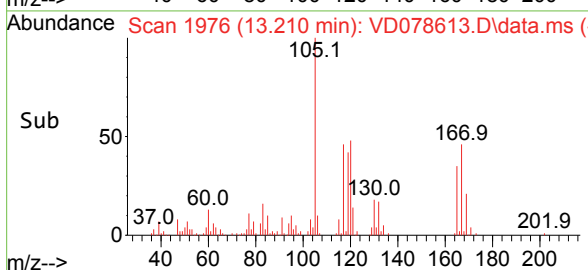
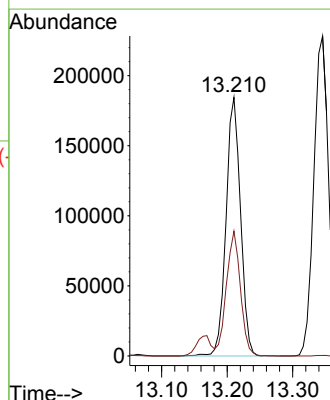
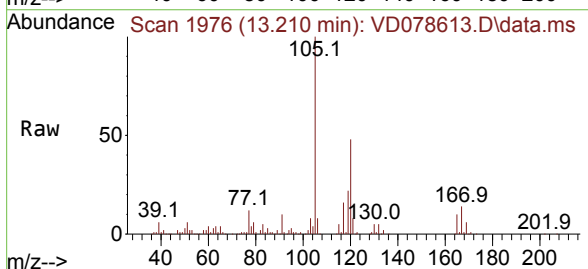
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

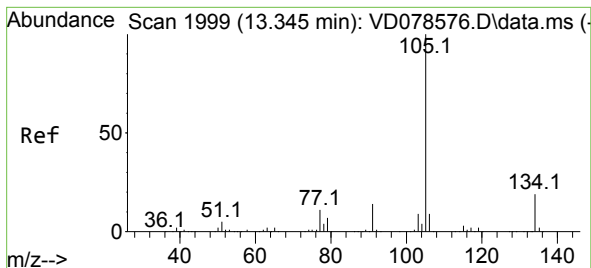
Tgt Ion:119 Resp: 228807
Ion Ratio Lower Upper
119 100
91 59.5 29.3 87.8
134 27.0 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 48.339 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion:105 Resp: 282615
Ion Ratio Lower Upper
105 100
120 46.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 46.591 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

Instrument :

MSVOA_D

ClientSampleId :

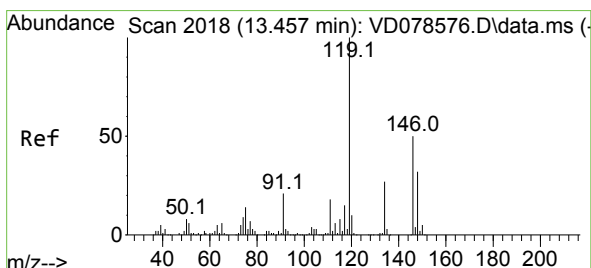
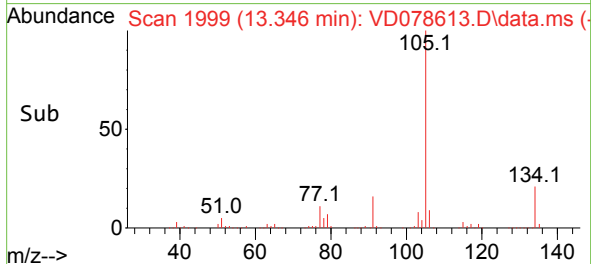
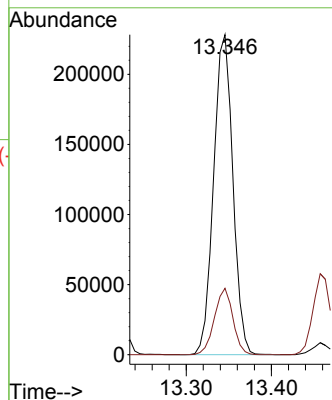
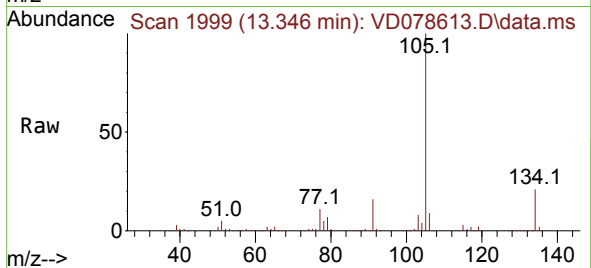
VSTDCCC050

Tgt Ion:105 Resp: 357991

Ion Ratio Lower Upper

105 100

134 19.9 10.9 32.9



#86

p-Isopropyltoluene

Concen: 47.732 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

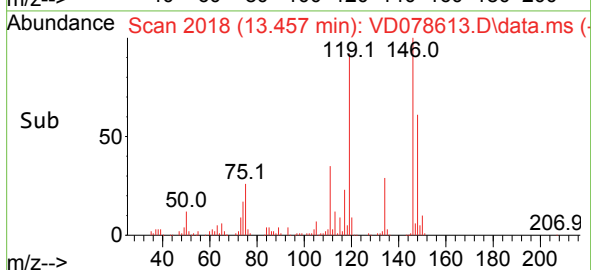
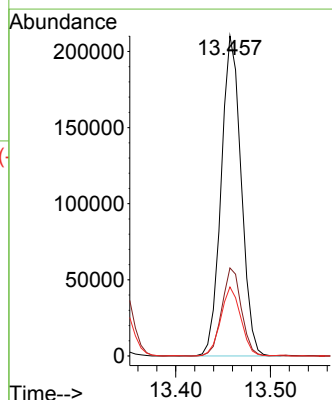
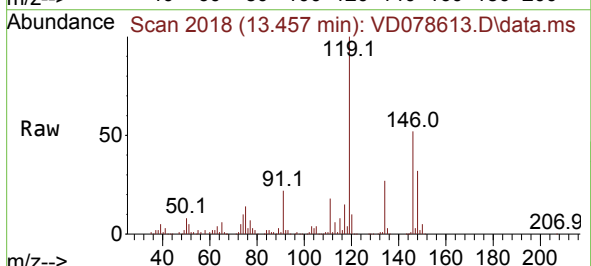
Tgt Ion:119 Resp: 308744

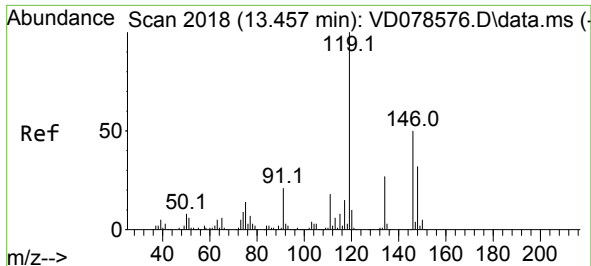
Ion Ratio Lower Upper

119 100

134 26.8 14.2 42.6

91 21.6 10.5 31.5

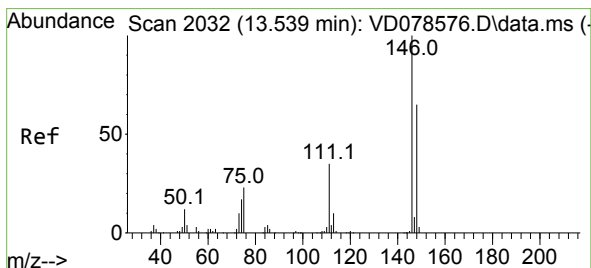
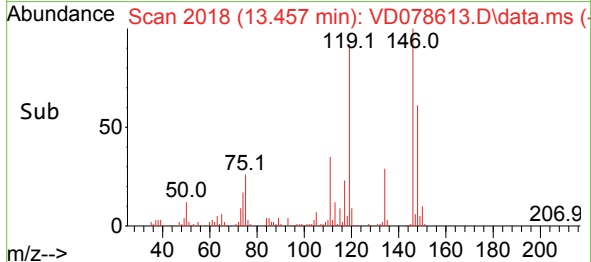
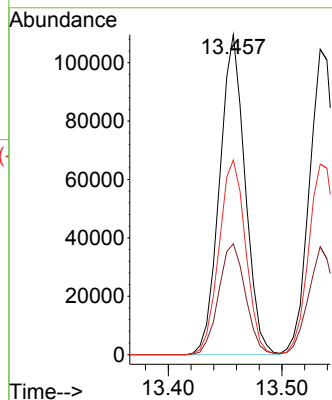
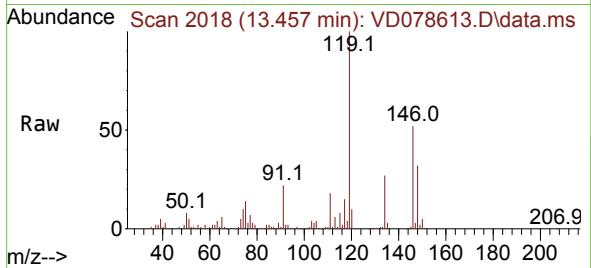




#87
1,3-Dichlorobenzene
Concen: 47.067 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

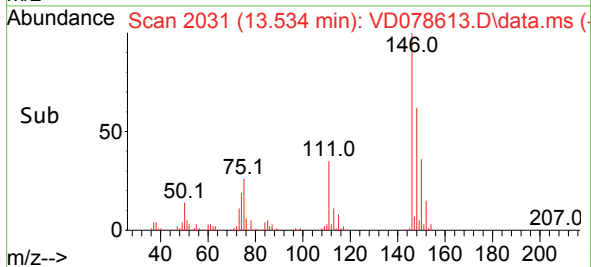
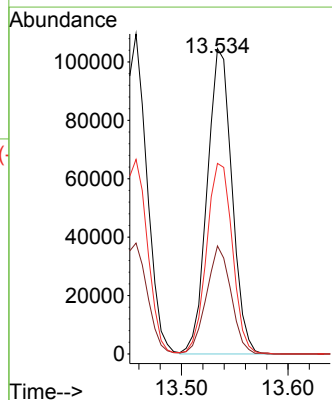
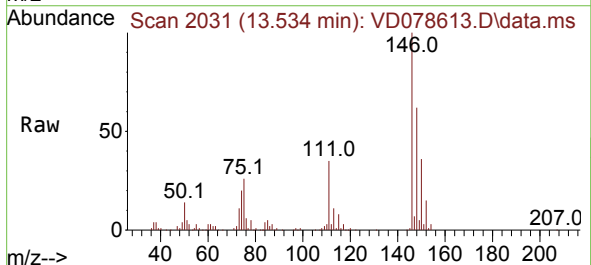
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

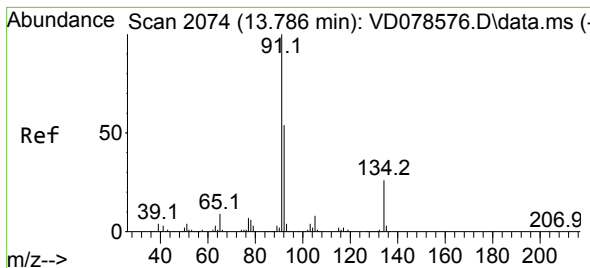
Tgt Ion:146 Resp: 170970
Ion Ratio Lower Upper
146 100
111 36.5 17.9 53.8
148 63.5 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 46.483 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.005 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion:146 Resp: 169166
Ion Ratio Lower Upper
146 100
111 35.1 17.4 52.3
148 65.2 31.7 95.1





#89

n-Butylbenzene

Concen: 46.707 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

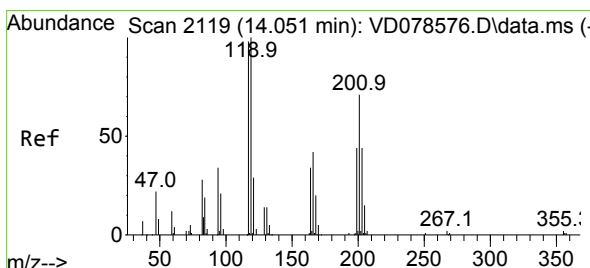
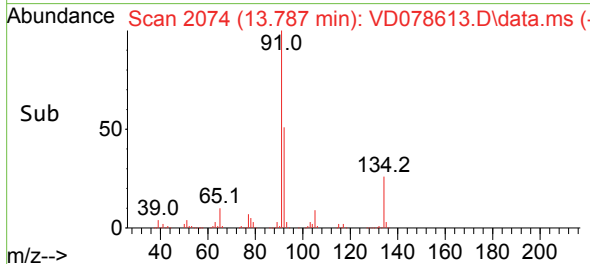
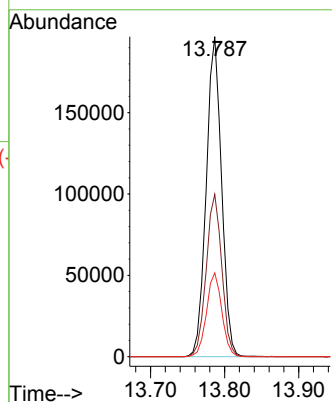
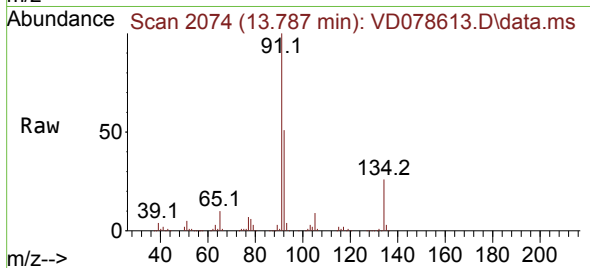
Tgt Ion: 91 Resp: 282332

Ion Ratio Lower Upper

91 100

92 51.6 26.5 79.5

134 26.3 13.8 41.3



#90

Hexachloroethane

Concen: 48.192 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078613.D

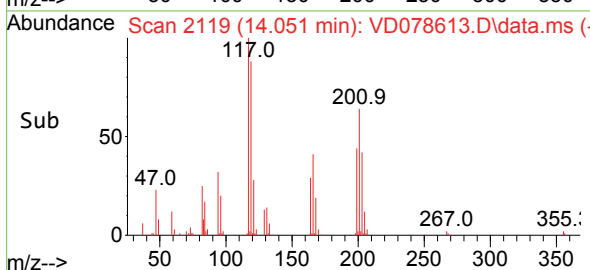
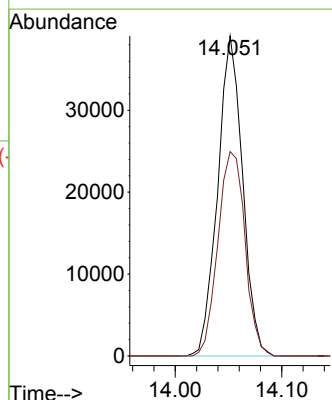
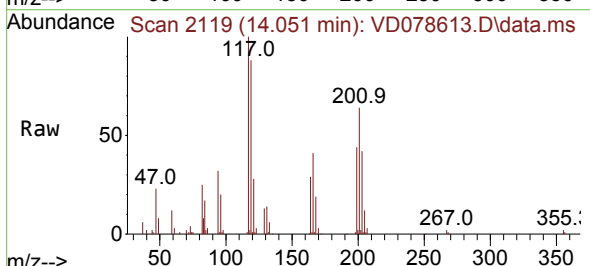
Acq: 08 Mar 2024 10:11

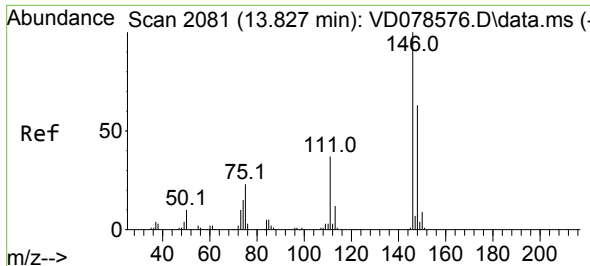
Tgt Ion: 117 Resp: 63382

Ion Ratio Lower Upper

117 100

201 69.4 38.5 115.5

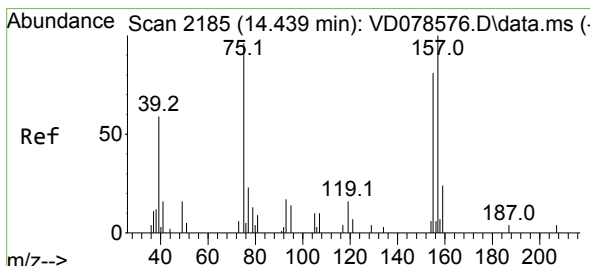
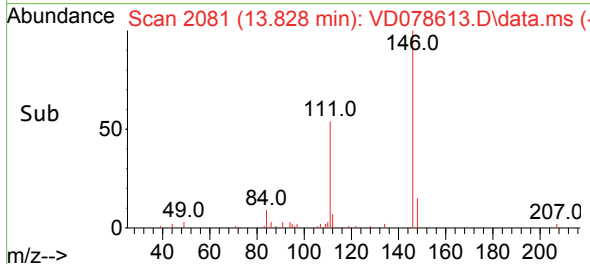
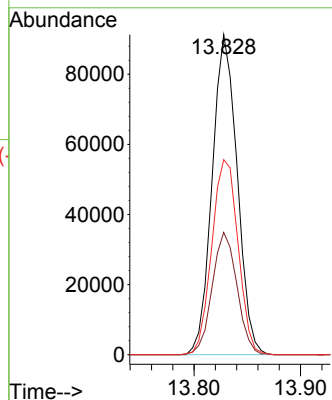
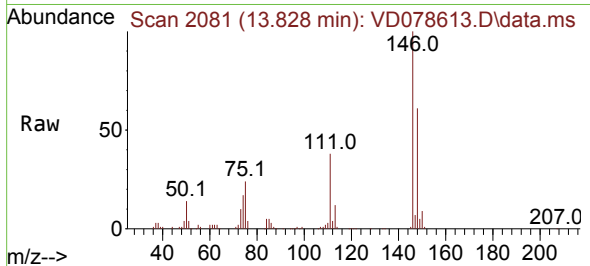




#91
1,2-Dichlorobenzene
Concen: 48.225 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

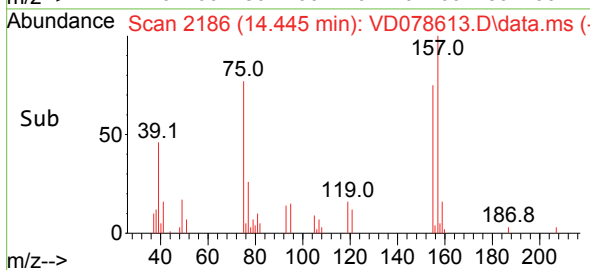
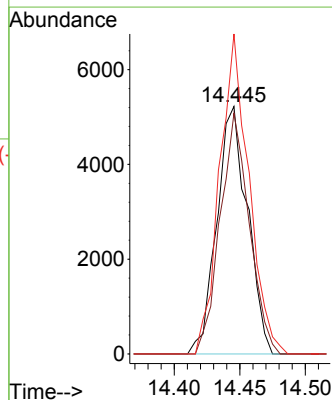
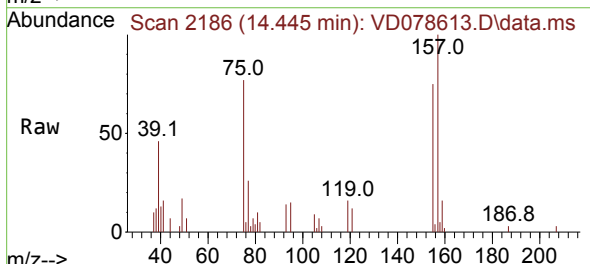
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

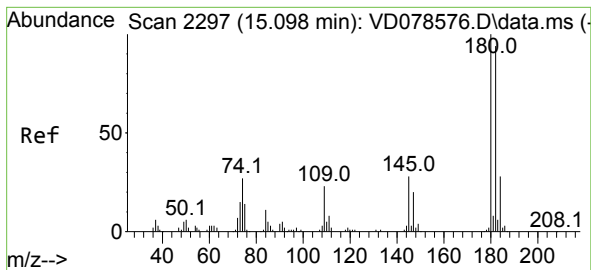
Tgt Ion:146 Resp: 148802
Ion Ratio Lower Upper
146 100
111 38.0 18.3 54.8
148 64.0 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.204 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion: 75 Resp: 8473
Ion Ratio Lower Upper
75 100
155 92.7 47.9 143.8
157 123.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 47.754 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

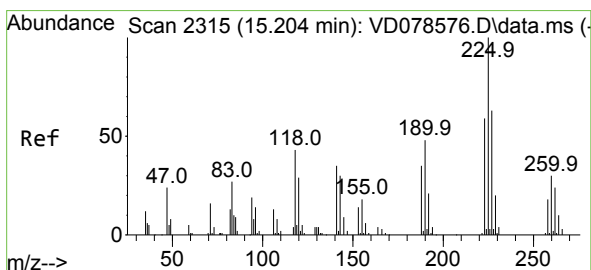
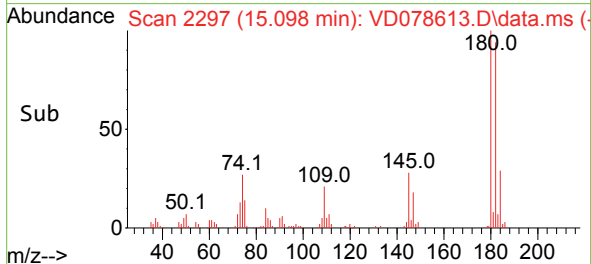
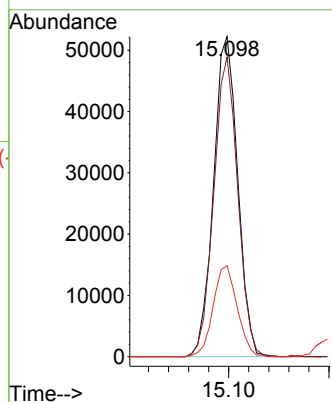
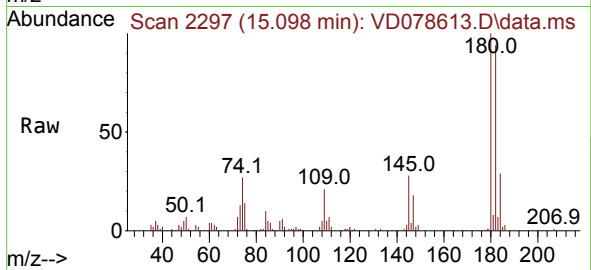
Tgt Ion:180 Resp: 87253

Ion Ratio Lower Upper

180 100

182 92.9 48.5 145.6

145 28.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 46.435 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078613.D

Acq: 08 Mar 2024 10:11

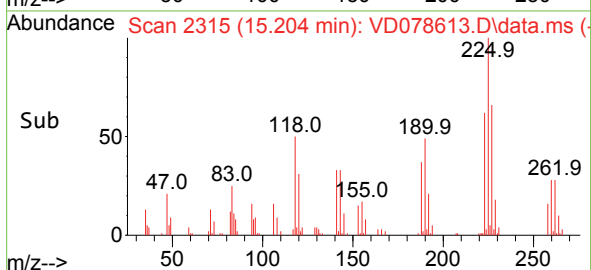
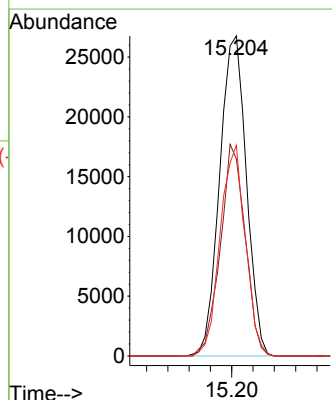
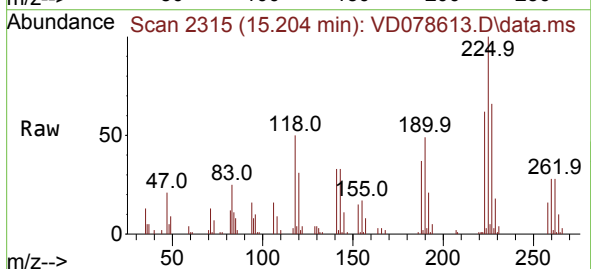
Tgt Ion:225 Resp: 46682

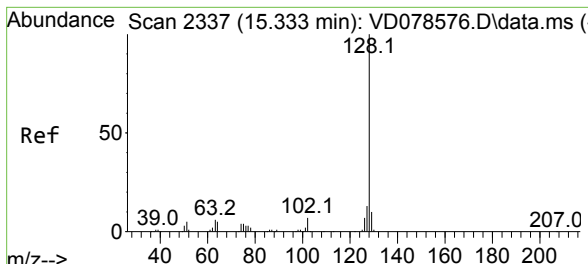
Ion Ratio Lower Upper

225 100

223 61.3 31.6 94.8

227 62.0 31.7 95.1

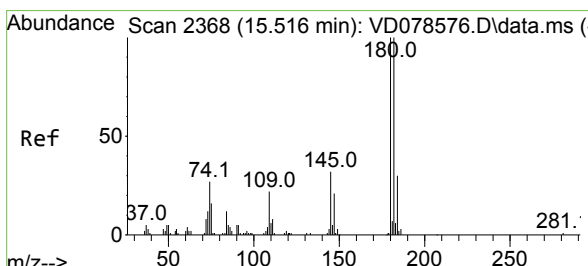
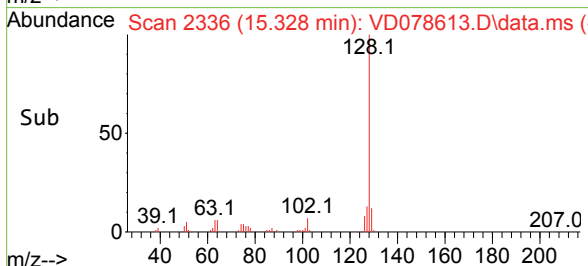
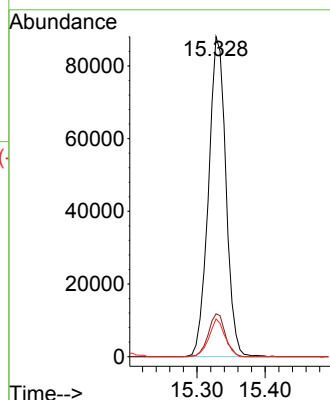
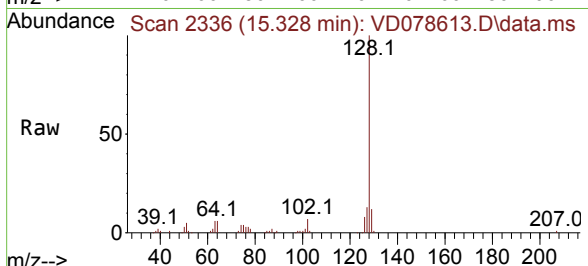




#95
Naphthalene
Concen: 48.567 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 156806
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.791 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD078613.D
Acq: 08 Mar 2024 10:11

Tgt Ion:180 Resp: 77549
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.9
145 31.4 15.1 45.3

