

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078448.D
 Acq On : 15 Feb 2024 20:56
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 16 02:41:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	135880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	241968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	238065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	125566	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70989	48.318	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.640%
35) Dibromofluoromethane	7.804	113	77189	50.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.440%
50) Toluene-d8	10.269	98	292138	47.514	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.575	95	87949	49.154	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.300%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	66429	49.618	ug/l	95
3) Chloromethane	2.152	50	136786	55.595	ug/l	96
4) Vinyl Chloride	2.281	62	196232	52.267	ug/l	97
5) Bromomethane	2.687	94	129706	50.051	ug/l	99
6) Chloroethane	2.834	64	145981	53.322	ug/l	98
7) Trichlorofluoromethane	3.175	101	122753	48.468	ug/l	95
8) Diethyl Ether	3.599	74	41251	56.548	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.969	101	73082	45.741	ug/l	96
10) Methyl Iodide	4.163	142	77266	53.994	ug/l #	90
11) Tert butyl alcohol	5.075	59	23201	292.321	ug/l	99
12) 1,1-Dichloroethene	3.940	96	76248	51.475	ug/l	91
13) Acrolein	3.799	56	29801	219.563	ug/l	94
14) Allyl chloride	4.563	41	93243	50.955	ug/l	93
15) Acrylonitrile	5.257	53	93109	298.159	ug/l	99
16) Acetone	4.028	43	66758	234.095	ug/l	88
17) Carbon Disulfide	4.275	76	236436	47.436	ug/l	96
18) Methyl Acetate	4.563	43	75366	68.637	ug/l	92
19) Methyl tert-butyl Ether	5.328	73	189359	60.169	ug/l	98
20) Methylene Chloride	4.805	84	100825	61.277	ug/l #	86
21) trans-1,2-Dichloroethene	5.316	96	95588	54.854	ug/l	94
22) Diisopropyl ether	6.222	45	232455	57.634	ug/l	99
23) Vinyl Acetate	6.157	43	547283	335.894	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	154588	54.105	ug/l	95
25) 2-Butanone	7.081	43	105287	285.049	ug/l #	87
26) 2,2-Dichloropropane	7.081	77	114243	47.697	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	107070	56.003	ug/l	96
28) Bromochloromethane	7.428	49	58953	52.094	ug/l	84
29) Tetrahydrofuran	7.451	42	70019	320.463	ug/l	92
30) Chloroform	7.598	83	172282	56.990	ug/l	94
31) Cyclohexane	7.881	56	114324	46.000	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	136347	52.901	ug/l	99
36) 1,1-Dichloropropene	8.010	75	120442	50.442	ug/l	97
37) Ethyl Acetate	7.169	43	49690	59.366	ug/l	95
38) Carbon Tetrachloride	7.993	117	118154	49.967	ug/l	92
39) Methylcyclohexane	9.275	83	135399	47.766	ug/l	94
40) Benzene	8.251	78	379716	55.018	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	27993	64.262	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	100533	56.296	ug/l	97
43) Isopropyl Acetate	8.363	43	93285	60.186	ug/l	92
44) Trichloroethene	9.028	130	97572	55.416	ug/l	98
45) 1,2-Dichloropropane	9.304	63	93873	55.437	ug/l	100
46) Dibromomethane	9.393	93	56563	59.387	ug/l	91
47) Bromodichloromethane	9.587	83	133767	56.703	ug/l	96
48) Methyl methacrylate	9.381	41	50445	61.347	ug/l #	85
49) 1,4-Dioxane	9.387	88	12913	1251.904	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	247091	300.369	ug/l	93
52) Toluene	10.334	92	244035	55.914	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	126416	58.728	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	148347	56.834	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	78985	61.579	ug/l	97
56) Ethyl methacrylate	10.598	69	66219	55.821	ug/l	93
57) 1,3-Dichloropropane	10.881	76	129457	59.332	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	195751	280.138	ug/l	96
59) 2-Hexanone	10.922	43	170280	275.439	ug/l	95
60) Dibromochloromethane	11.075	129	94432	61.190	ug/l	96
61) 1,2-Dibromoethane	11.181	107	73755	61.250	ug/l	97
64) Tetrachloroethene	10.810	164	79879	53.122	ug/l	91
65) Chlorobenzene	11.604	112	263744	55.107	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	97209	55.268	ug/l	97
67) Ethyl Benzene	11.681	91	458754	53.497	ug/l	96
68) m/p-Xylenes	11.792	106	367702	109.927	ug/l	94
69) o-Xylene	12.122	106	169076	55.389	ug/l	93
70) Styrene	12.134	104	268063	53.808	ug/l	97
71) Bromoform	12.298	173	55257	59.688	ug/l #	98
73) Isopropylbenzene	12.422	105	430364	51.042	ug/l	95
74) N-amyl acetate	12.234	43	84432	52.932	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	91296	54.585	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	103592	97.177	ug/l #	100
77) Bromobenzene	12.704	156	108557	54.784	ug/l	94
78) n-propylbenzene	12.763	91	513758	48.895	ug/l	97
79) 2-Chlorotoluene	12.851	91	288513	51.266	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	357699	51.090	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	26162	50.949	ug/l	96
82) 4-Chlorotoluene	12.945	91	306557	50.718	ug/l	96
83) tert-Butylbenzene	13.163	119	301681	51.092	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	370484	52.140	ug/l	97
85) sec-Butylbenzene	13.345	105	433044	47.290	ug/l	97
86) p-Isopropyltoluene	13.463	119	395198	50.669	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	219036	51.791	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	212876	51.227	ug/l	98
89) n-Butylbenzene	13.786	91	350938	46.682	ug/l	99
90) Hexachloroethane	14.051	117	77231	48.177	ug/l	95
91) 1,2-Dichlorobenzene	13.833	146	192135	54.101	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	11581	52.881	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	108611	52.037	ug/l	97
94) Hexachlorobutadiene	15.204	225	49065	45.037	ug/l	96
95) Naphthalene	15.333	128	227218	58.694	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	99557	56.282	ug/l	99

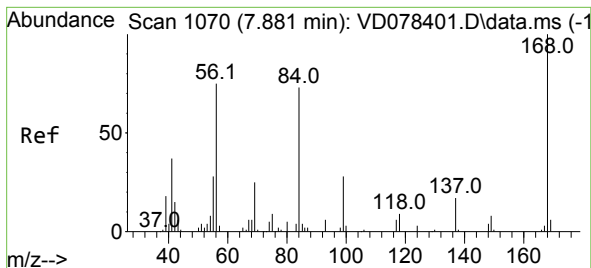
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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

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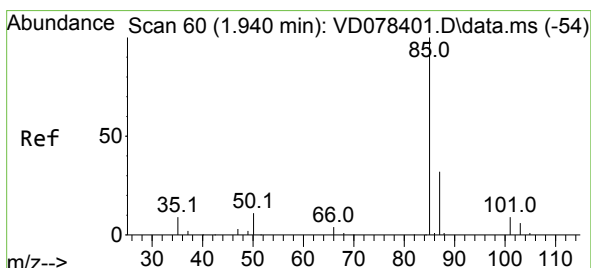
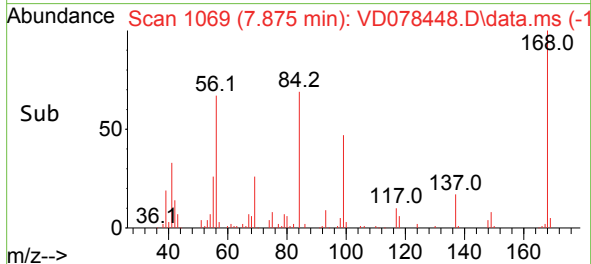
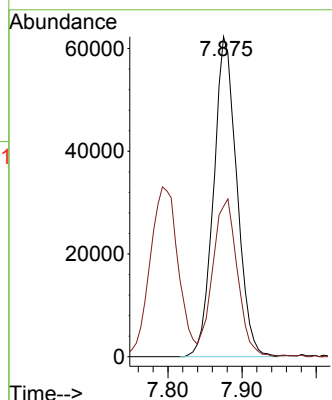
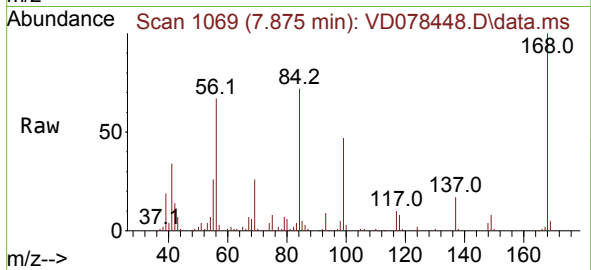
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

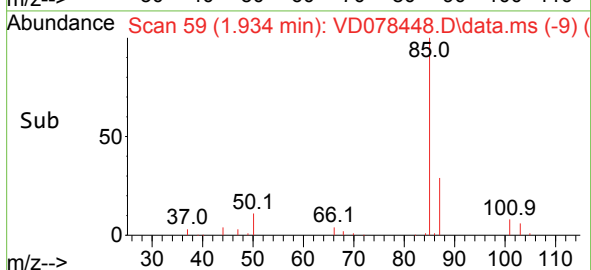
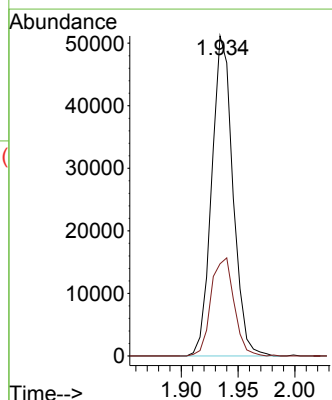
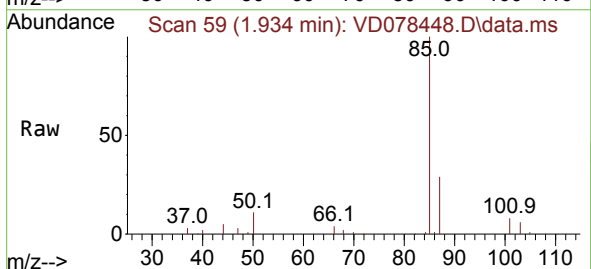
Instrument :
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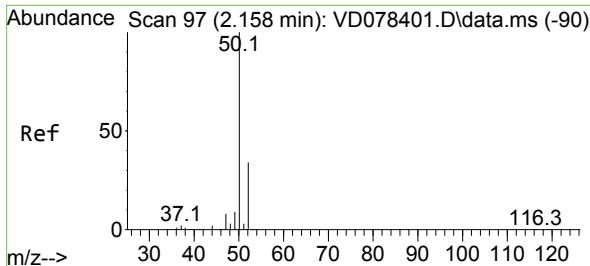
Tgt Ion:168 Resp: 135880
Ion Ratio Lower Upper
168 100
99 46.6 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 49.618 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 85 Resp: 66429
Ion Ratio Lower Upper
85 100
87 28.8 15.7 47.0

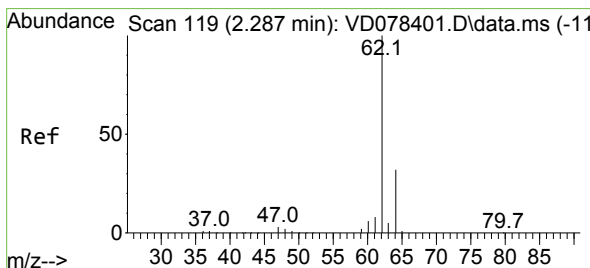
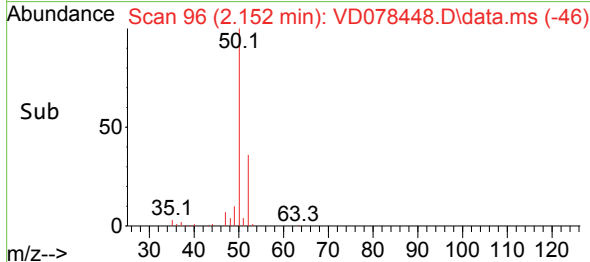
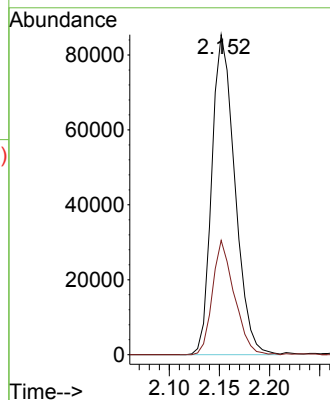
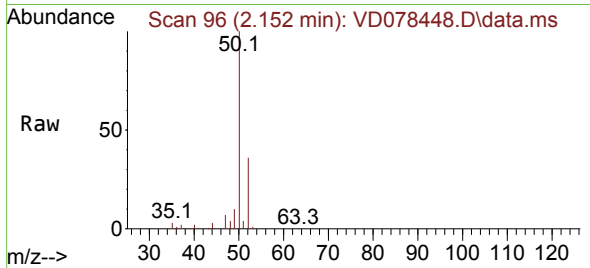




#3
Chloromethane
Concen: 55.595 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

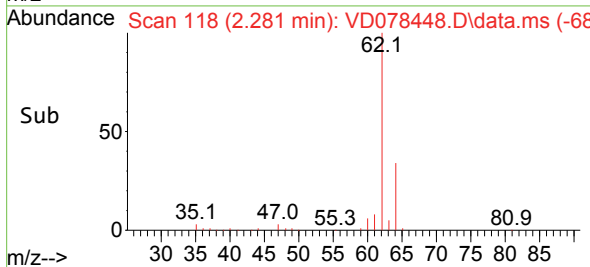
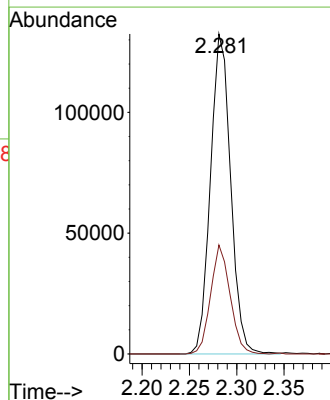
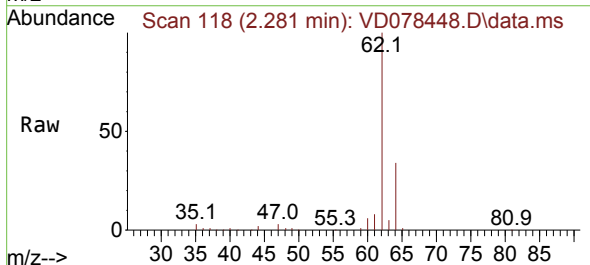
Instrument :
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ClientSampleId :
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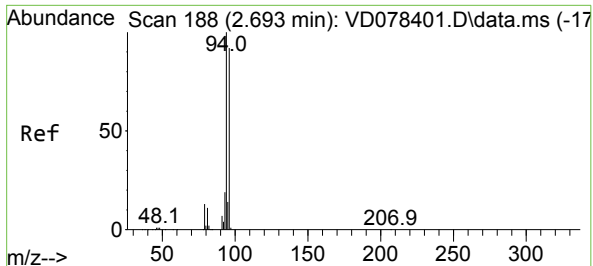
Tgt Ion: 50 Resp: 136786
Ion Ratio Lower Upper
50 100
52 35.7 26.6 40.0



#4
Vinyl Chloride
Concen: 52.267 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 62 Resp: 196232
Ion Ratio Lower Upper
62 100
64 34.0 26.0 39.0

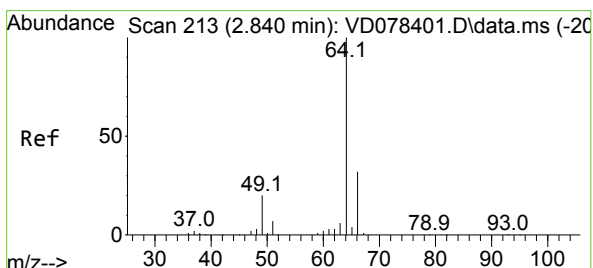
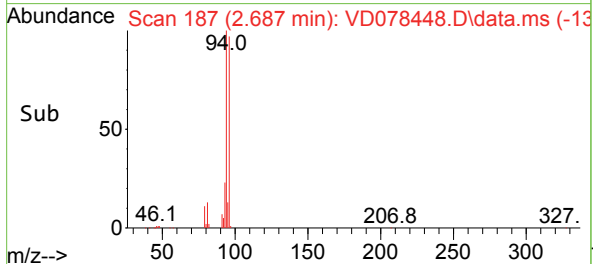
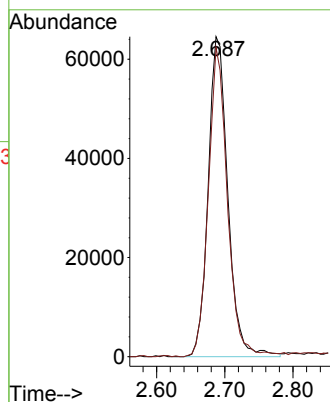
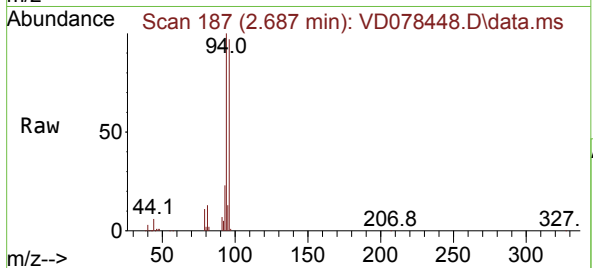




#5
Bromomethane
Concen: 50.051 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

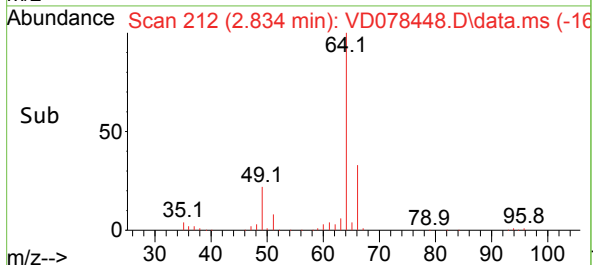
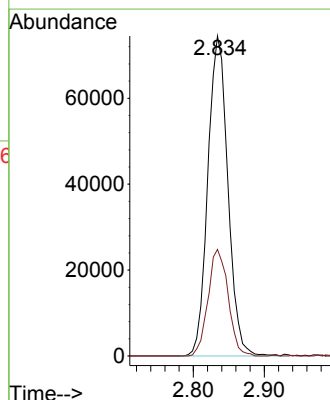
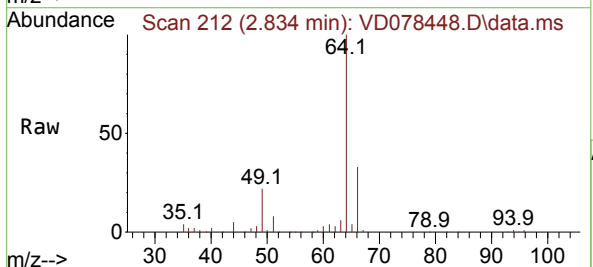
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 94 Resp: 129706
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.8



#6
Chloroethane
Concen: 53.322 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 64 Resp: 145981
Ion Ratio Lower Upper
64 100
66 33.3 25.5 38.3

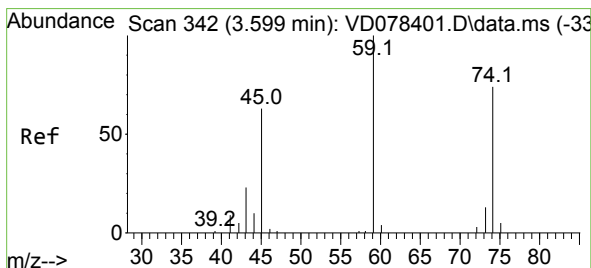
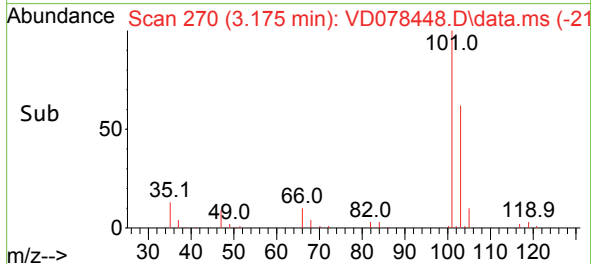
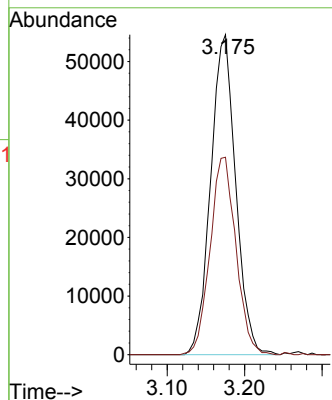
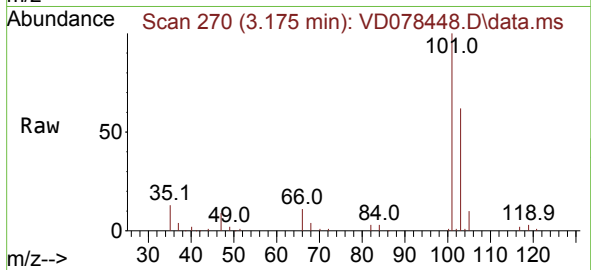




#7
Trichlorofluoromethane
Concen: 48.468 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078448.D
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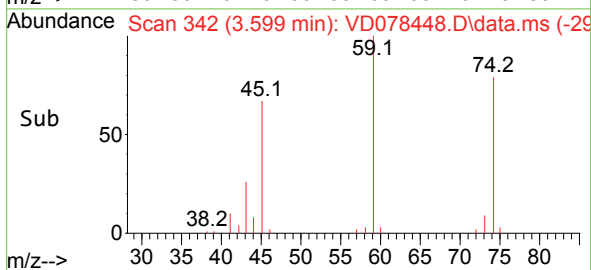
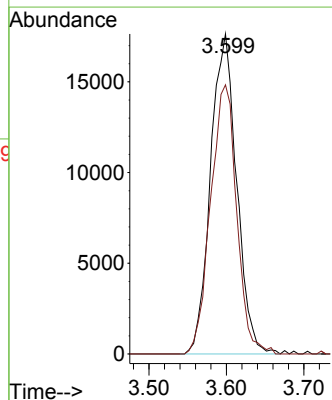
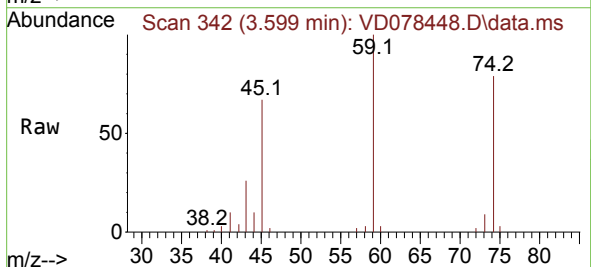
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 122753
Ion Ratio Lower Upper
101 100
103 61.7 52.3 78.5



#8
Diethyl Ether
Concen: 56.548 ug/l
RT: 3.599 min Scan# 342
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 74 Resp: 41251
Ion Ratio Lower Upper
74 100
45 84.3 37.5 112.7

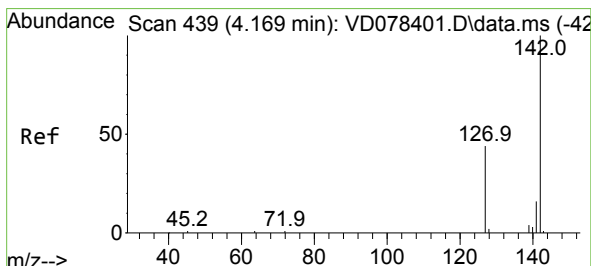
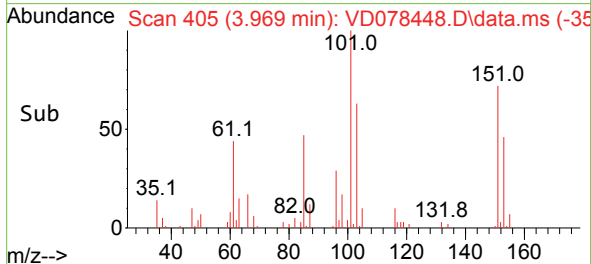
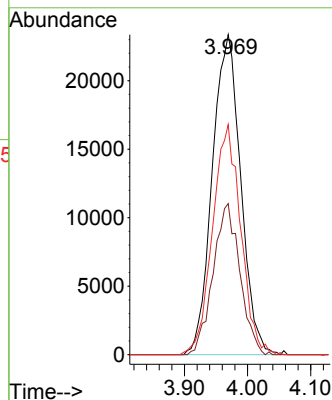
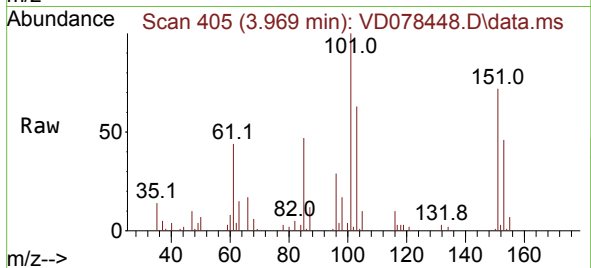




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.741 ug/l
 RT: 3.969 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD078448.D
 Acq: 15 Feb 2024 20:56

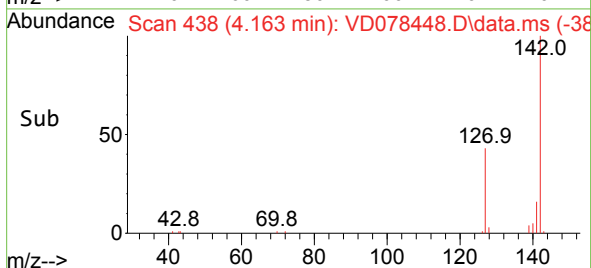
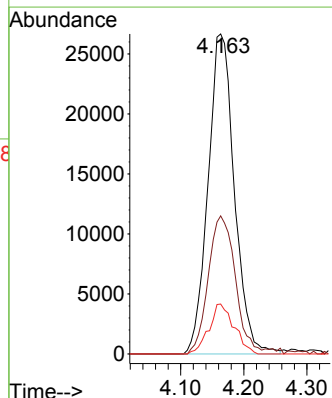
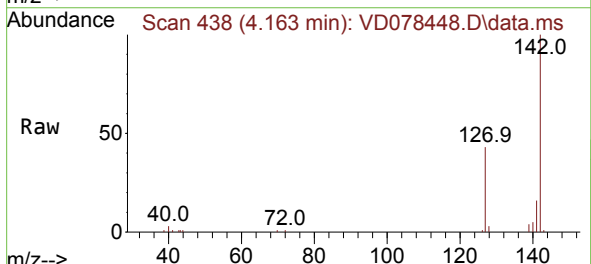
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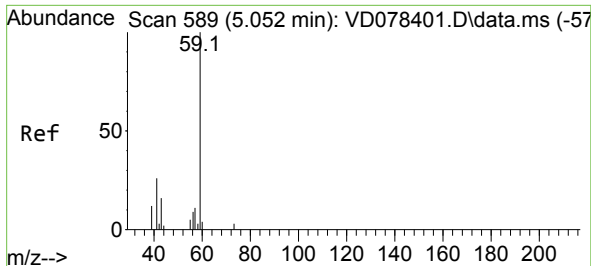
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 Ion Ratio Lower Upper
 101 100
 85 44.6 33.8 50.6
 151 71.1 59.8 89.6



#10
 Methyl Iodide
 Concen: 53.994 ug/l
 RT: 4.163 min Scan# 438
 Delta R.T. -0.006 min
 Lab File: VD078448.D
 Acq: 15 Feb 2024 20:56

Tgt Ion:142 Resp: 77266
 Ion Ratio Lower Upper
 142 100
 127 44.1 29.4 44.0#
 141 14.9 11.1 16.7

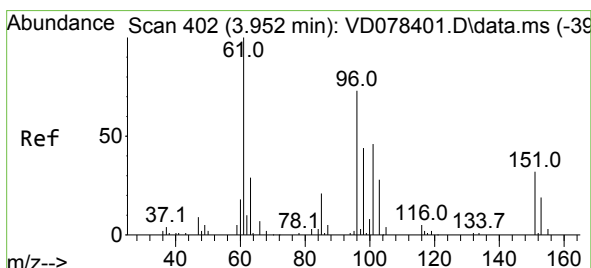
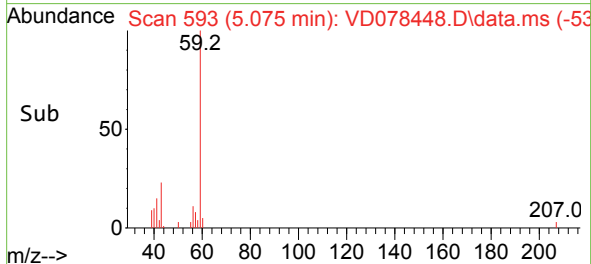
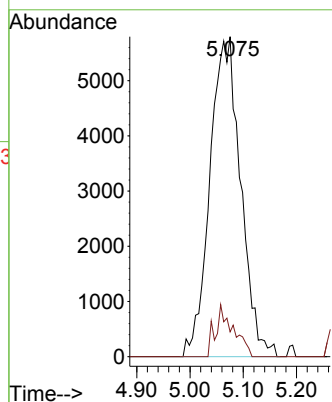
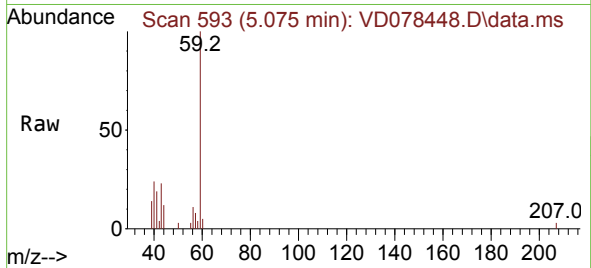




#11
Tert butyl alcohol
Concen: 292.321 ug/l
RT: 5.075 min Scan# 59
Delta R.T. 0.023 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

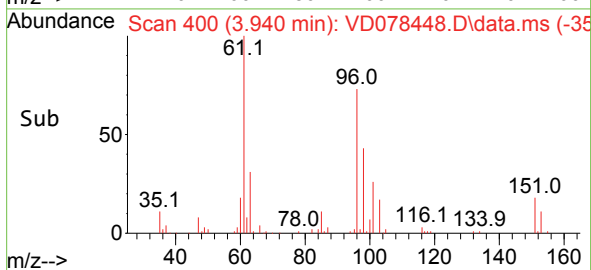
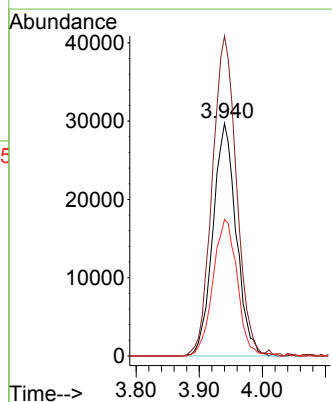
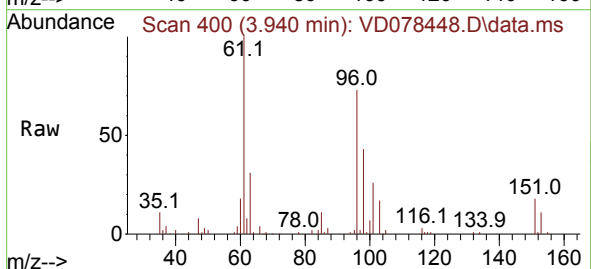
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

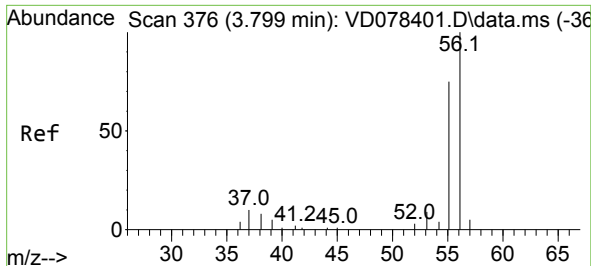
Tgt Ion: 59 Resp: 23201
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 51.475 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 96 Resp: 76248
Ion Ratio Lower Upper
96 100
61 137.6 100.6 150.8
98 58.7 50.2 75.2

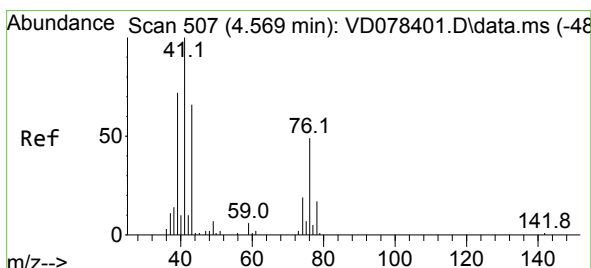
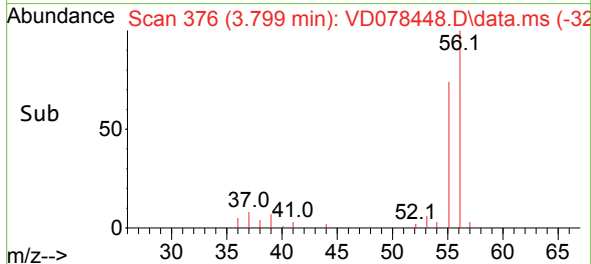
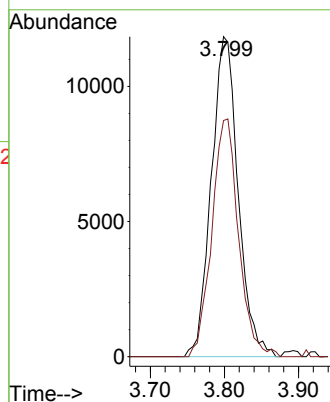
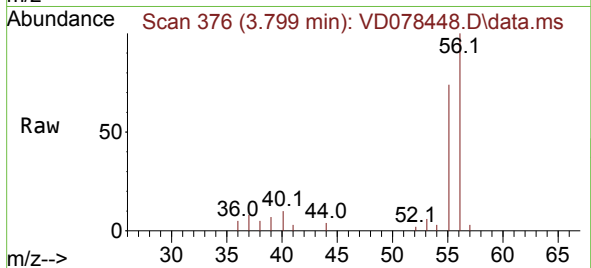




#13
Acrolein
Concen: 219.563 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

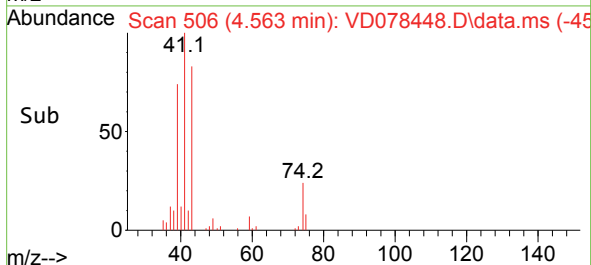
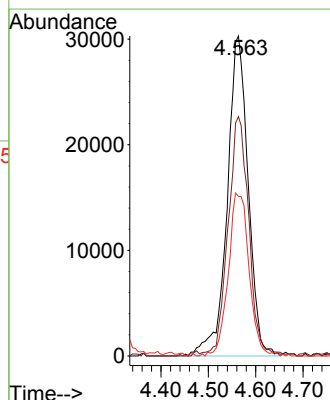
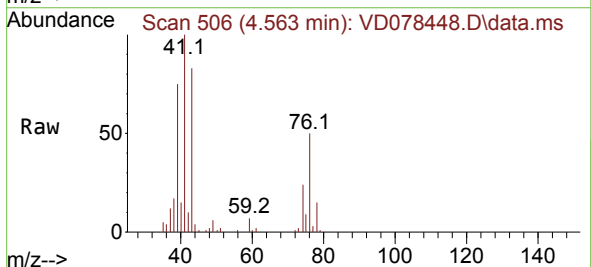
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

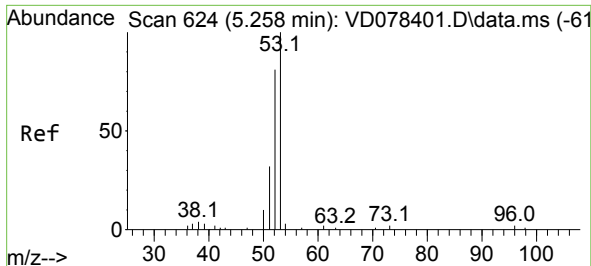
Tgt Ion: 56 Resp: 29801
Ion Ratio Lower Upper
56 100
55 73.9 55.1 82.7



#14
Allyl chloride
Concen: 50.955 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 41 Resp: 93243
Ion Ratio Lower Upper
41 100
39 71.8 53.8 80.6
76 50.4 45.8 68.8

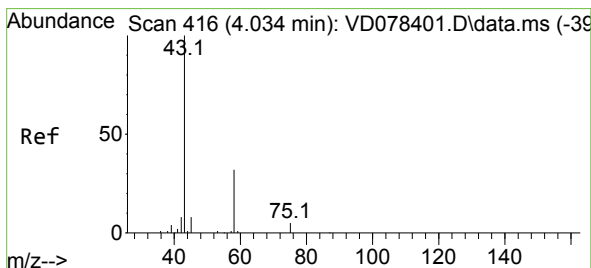
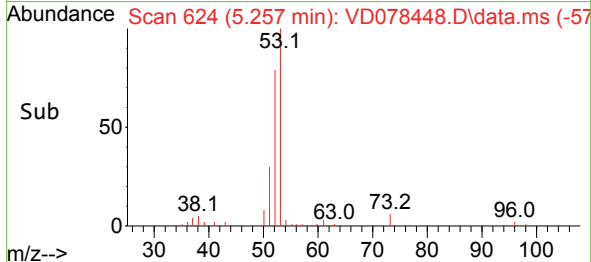
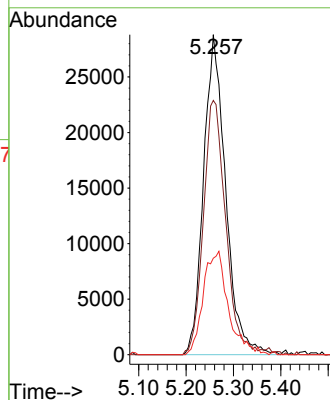
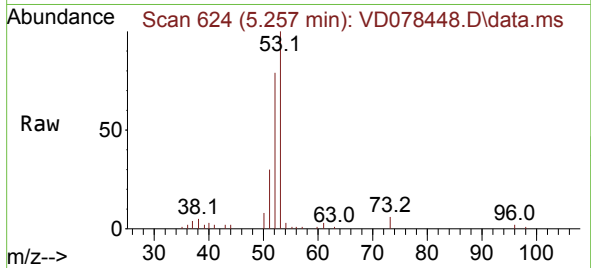




#15
Acrylonitrile
Concen: 298.159 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

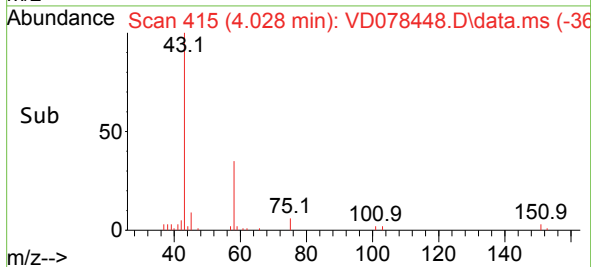
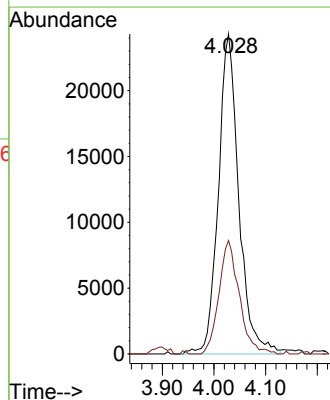
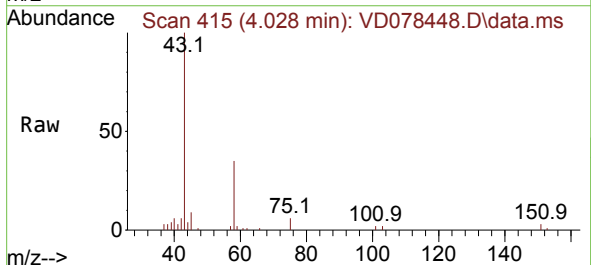
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

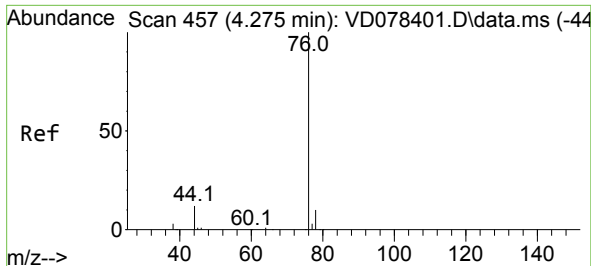
Tgt Ion: 53 Resp: 93109
Ion Ratio Lower Upper
53 100
52 80.4 65.0 97.4
51 36.7 28.3 42.5



#16
Acetone
Concen: 234.095 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 43 Resp: 66758
Ion Ratio Lower Upper
43 100
58 35.5 34.7 52.1

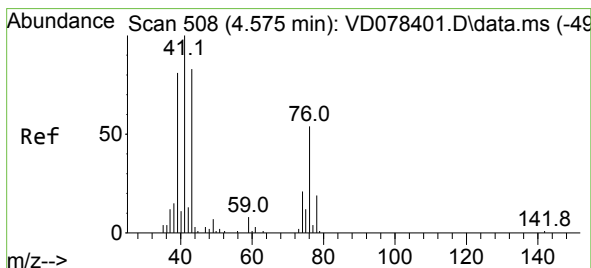
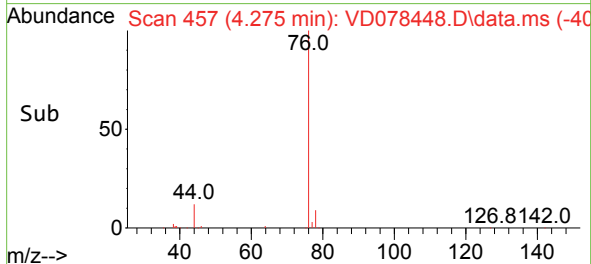
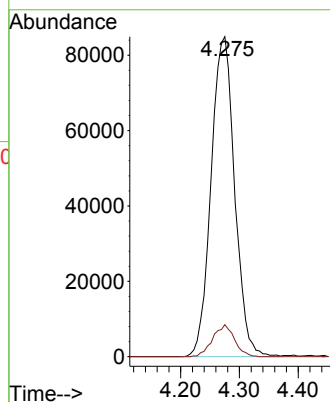
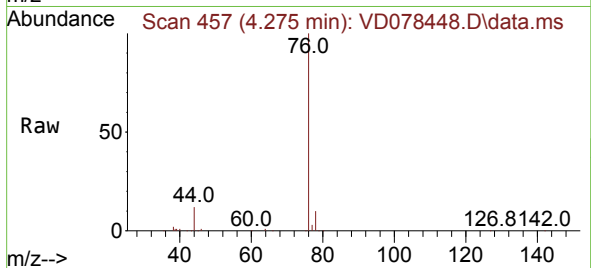




#17
Carbon Disulfide
Concen: 47.436 ug/l
RT: 4.275 min Scan# 411
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

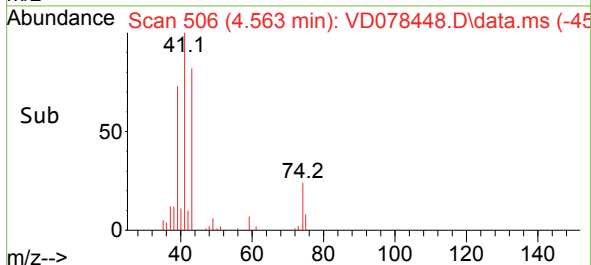
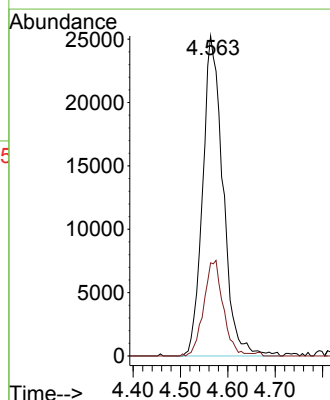
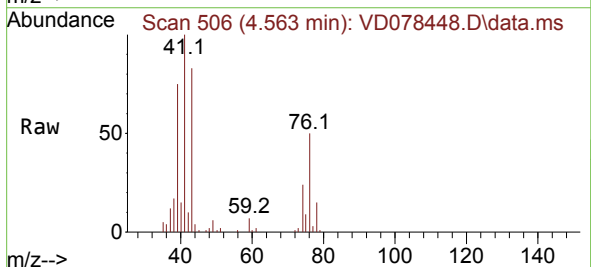
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

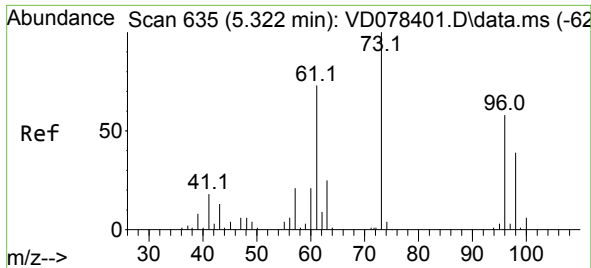
Tgt Ion: 76 Resp: 236436
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2



#18
Methyl Acetate
Concen: 68.637 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 43 Resp: 75366
Ion Ratio Lower Upper
43 100
74 28.7 26.4 39.6

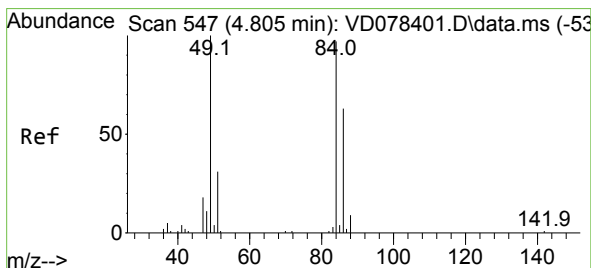
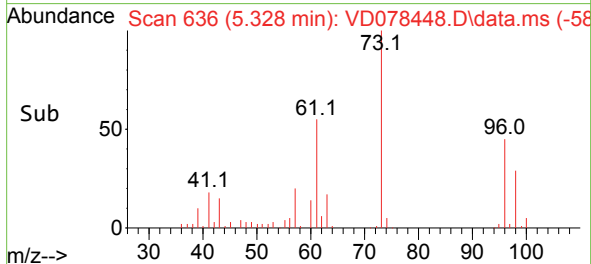
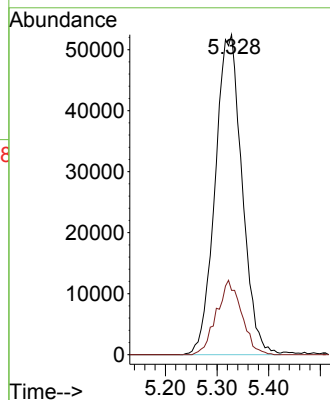
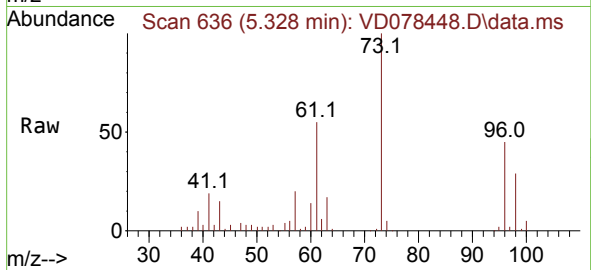




#19
Methyl tert-butyl Ether
Concen: 60.169 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

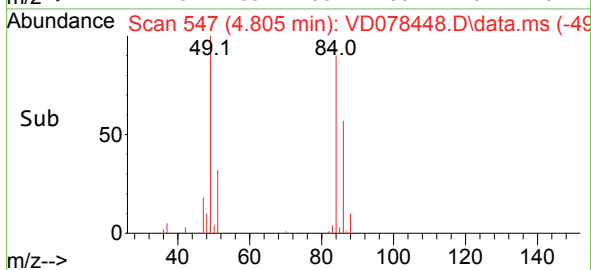
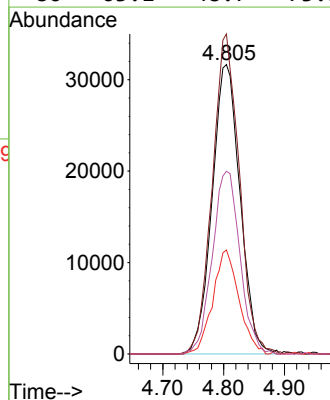
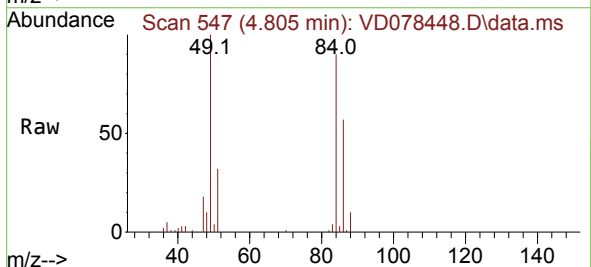
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 189359
Ion Ratio Lower Upper
73 100
57 20.1 16.6 25.0



#20
Methylene Chloride
Concen: 61.277 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 84 Resp: 100825
Ion Ratio Lower Upper
84 100
49 110.6 71.4 107.2#
51 35.9 24.5 36.7
86 63.1 48.7 73.1

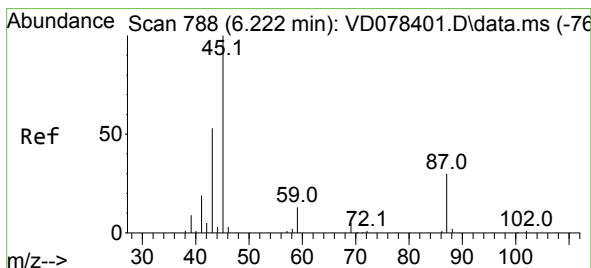
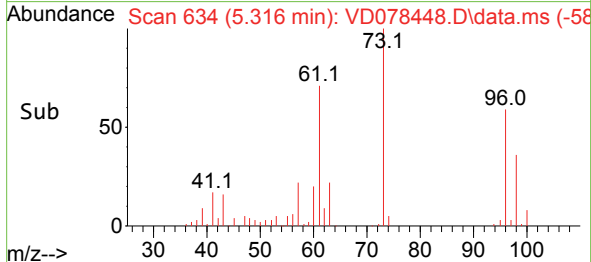
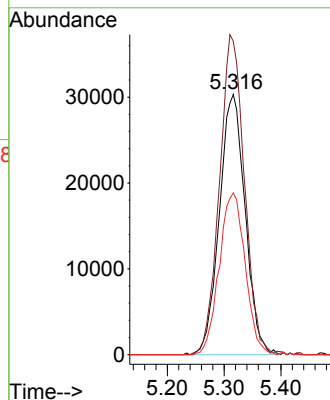
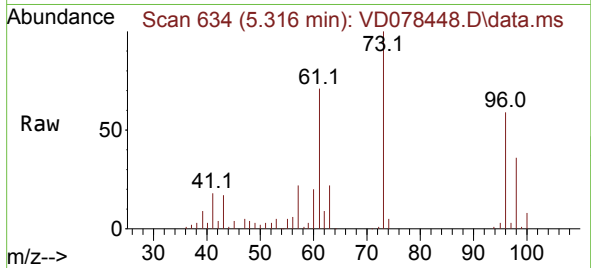




#21
trans-1,2-Dichloroethene
Concen: 54.854 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

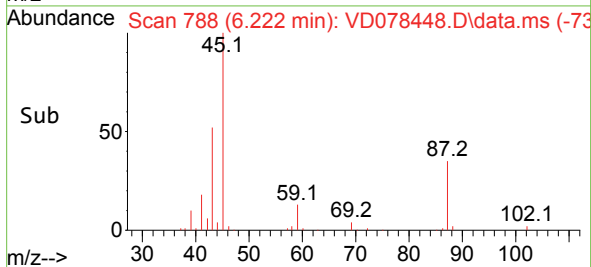
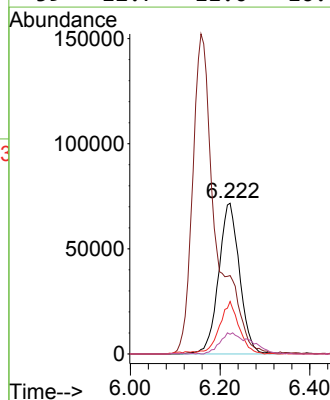
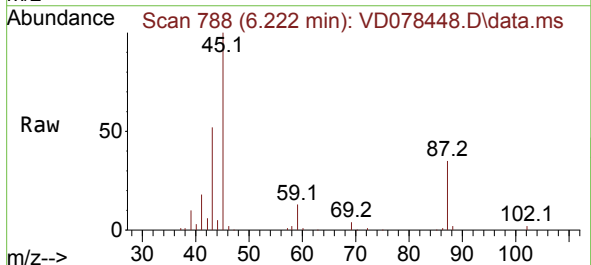
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

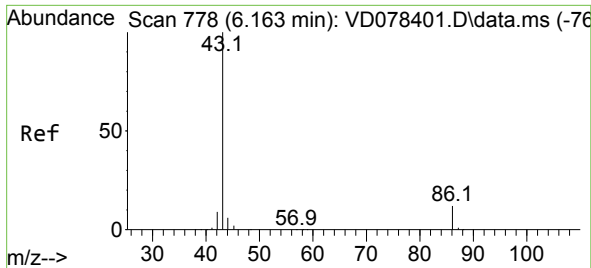
Tgt Ion: 96 Resp: 95588
Ion Ratio Lower Upper
96 100
61 120.3 89.3 133.9
98 62.1 48.6 73.0



#22
Diisopropyl ether
Concen: 57.634 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 45 Resp: 232455
Ion Ratio Lower Upper
45 100
43 50.6 40.0 60.0
87 34.8 28.2 42.4
59 12.7 11.0 16.4

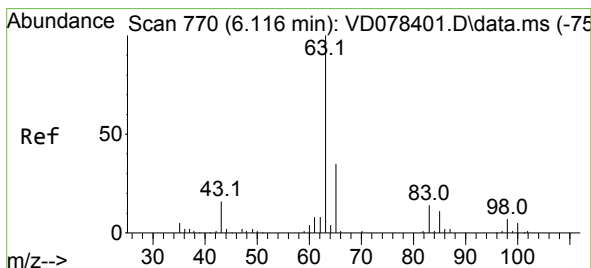
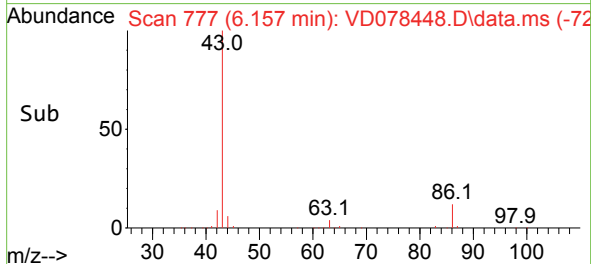
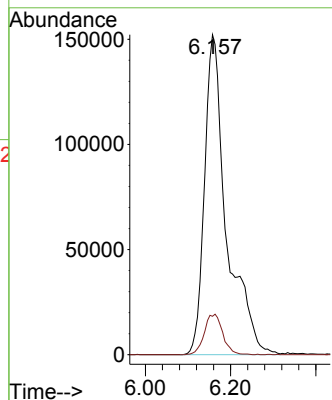
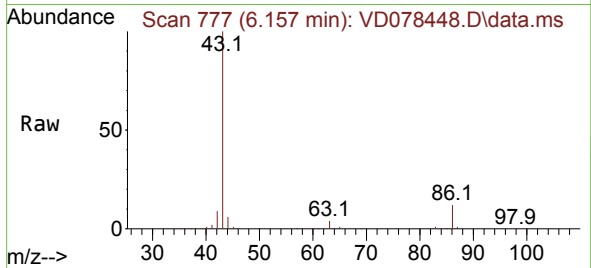




#23
 Vinyl Acetate
 Concen: 335.894 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD078448.D
 Acq: 15 Feb 2024 20:56

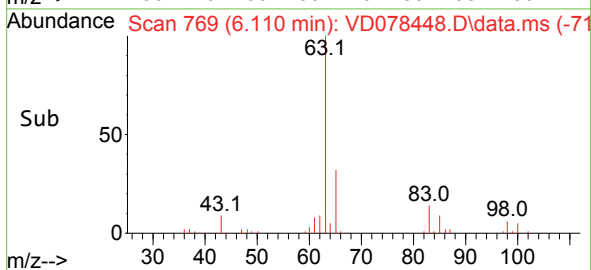
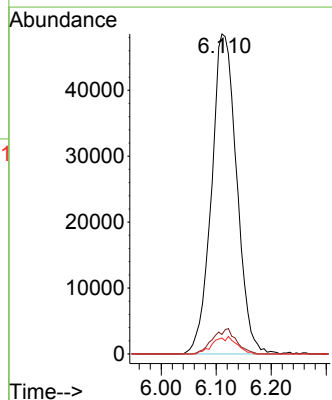
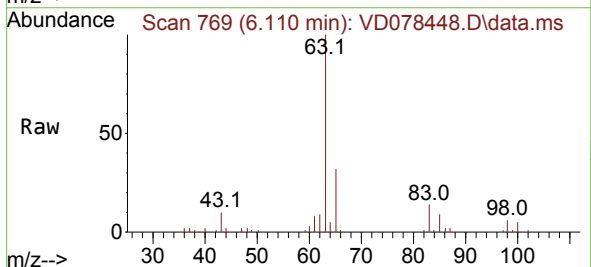
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

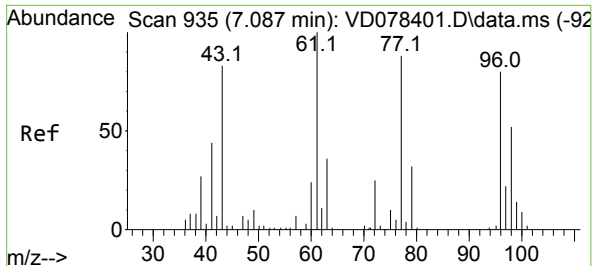
Tgt Ion: 43 Resp: 547283
 Ion Ratio Lower Upper
 43 100
 86 12.0 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 54.105 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078448.D
 Acq: 15 Feb 2024 20:56

Tgt Ion: 63 Resp: 154588
 Ion Ratio Lower Upper
 63 100
 98 6.1 4.5 13.7
 100 5.0 2.5 7.5





#25

2-Butanone

Concen: 285.049 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078448.D

Acq: 15 Feb 2024 20:56

Instrument :

MSVOA_D

ClientSampleId :

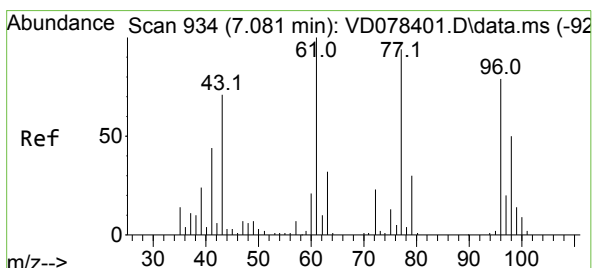
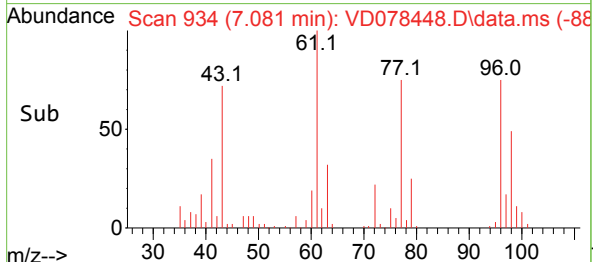
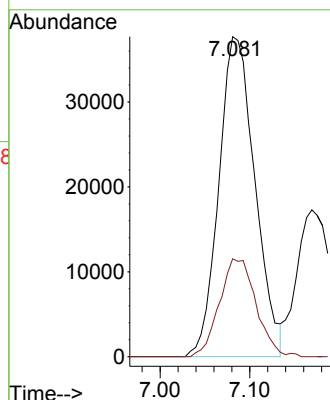
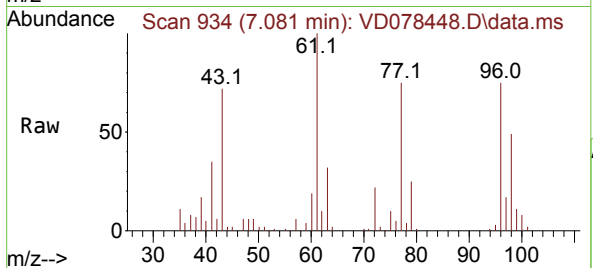
VSTDCCC050EC

Tgt Ion: 43 Resp: 105287

Ion Ratio Lower Upper

43 100

72 30.6 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 47.697 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078448.D

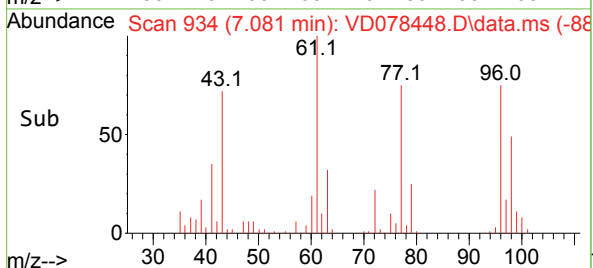
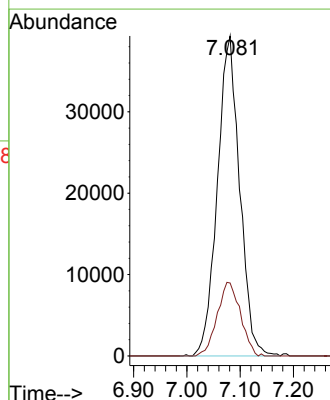
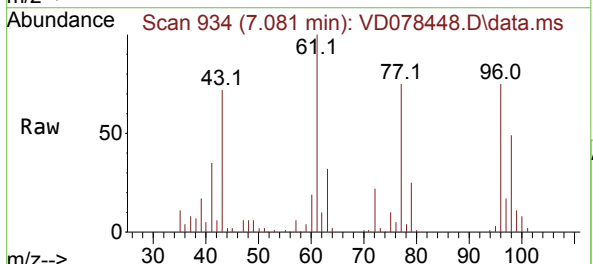
Acq: 15 Feb 2024 20:56

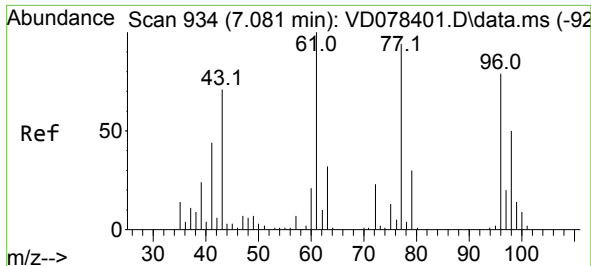
Tgt Ion: 77 Resp: 114243

Ion Ratio Lower Upper

77 100

97 24.0 13.2 39.6

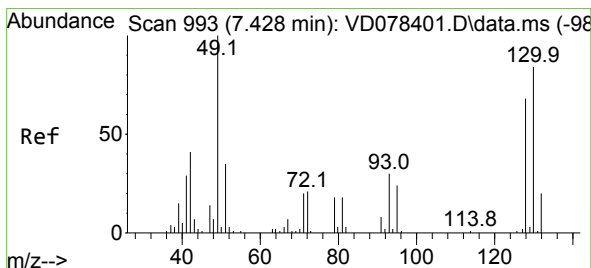
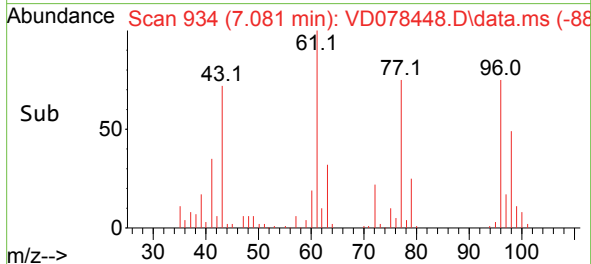
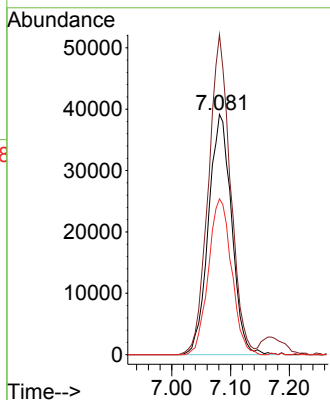
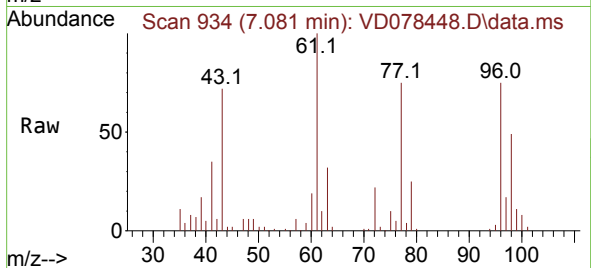




#27
 cis-1,2-Dichloroethene
 Concen: 56.003 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078448.D
 Acq: 15 Feb 2024 20:56

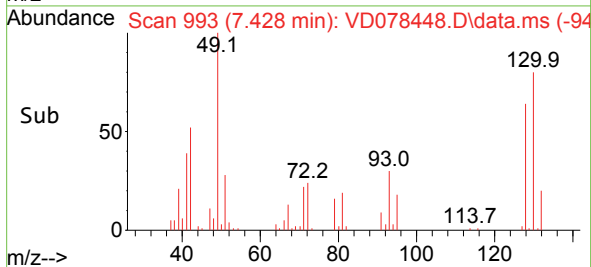
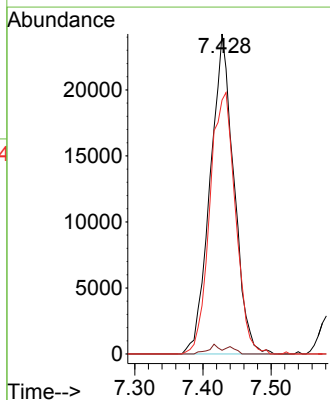
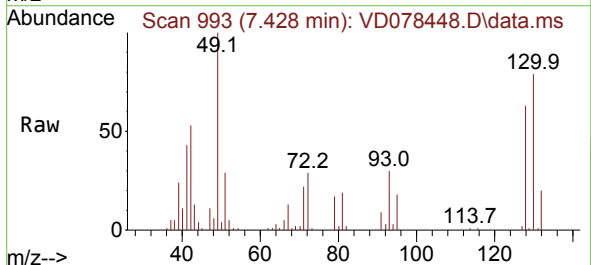
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

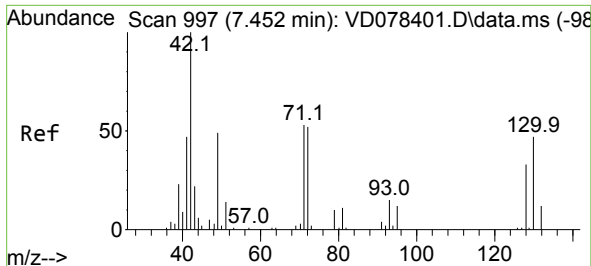
Tgt Ion: 96 Resp: 107070
 Ion Ratio Lower Upper
 96 100
 61 126.6 0.0 239.2
 98 64.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 52.094 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078448.D
 Acq: 15 Feb 2024 20:56

Tgt Ion: 49 Resp: 58953
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 6.0
 130 87.7 83.2 124.8

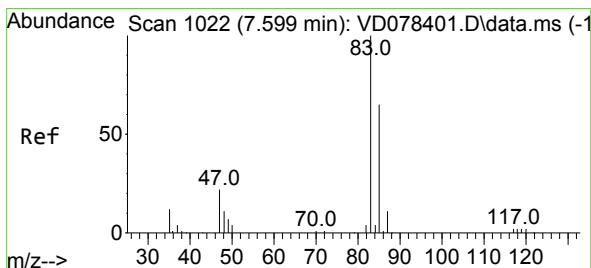
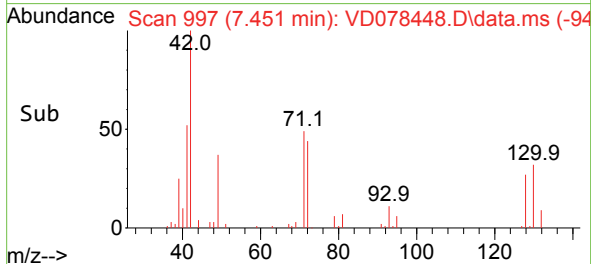
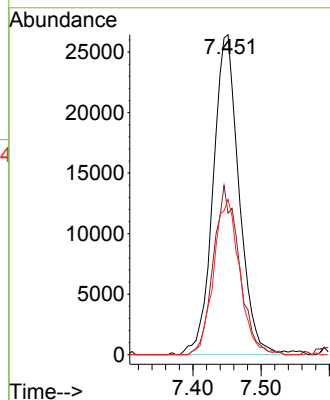
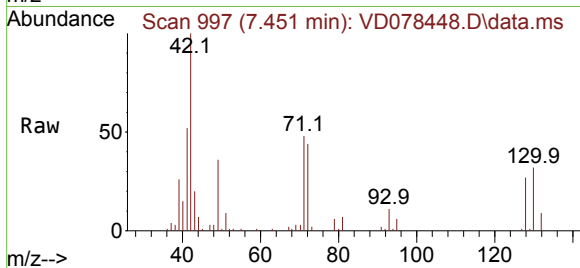




#29
Tetrahydrofuran
Concen: 320.463 ug/l
RT: 7.451 min Scan# 997
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

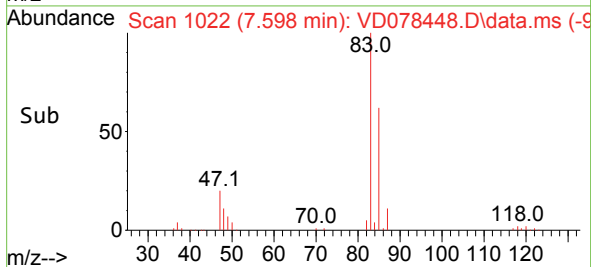
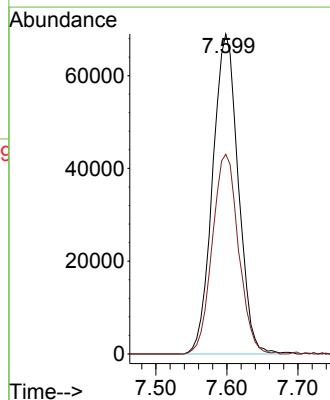
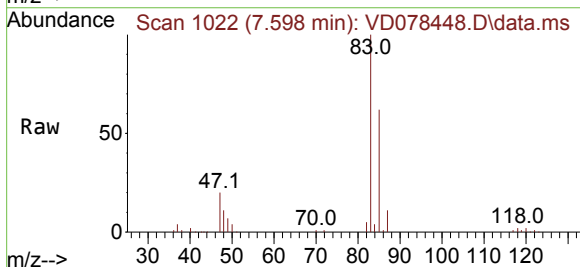
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

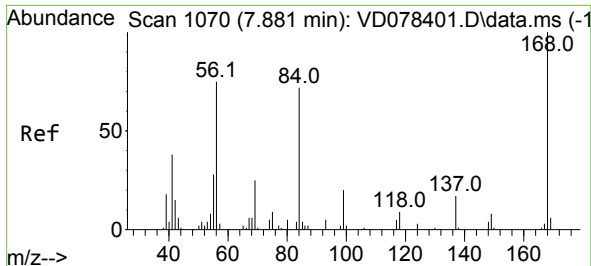
Tgt Ion:	42	Resp:	70019
Ion	Ratio	Lower	Upper
42	100		
72	52.5	46.5	69.7
71	48.9	44.5	66.7



#30
Chloroform
Concen: 56.990 ug/l
RT: 7.598 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

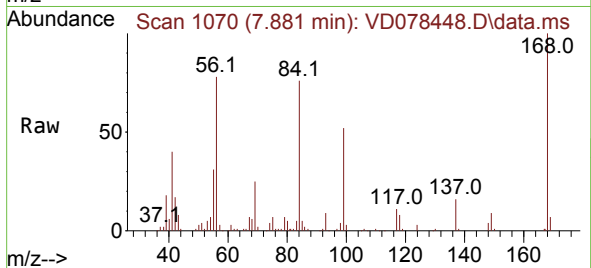
Tgt Ion:	83	Resp:	172282
Ion	Ratio	Lower	Upper
83	100		
85	62.4	53.4	80.2



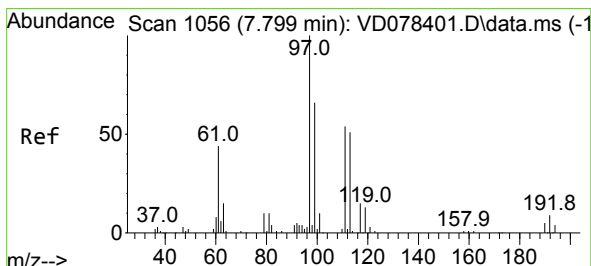
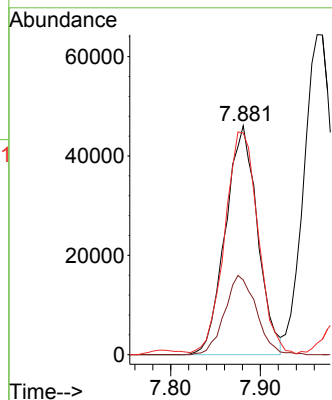
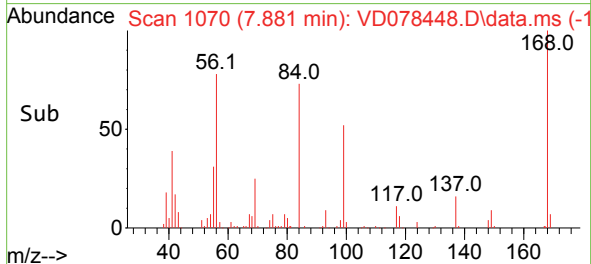


#31
Cyclohexane
Concen: 46.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

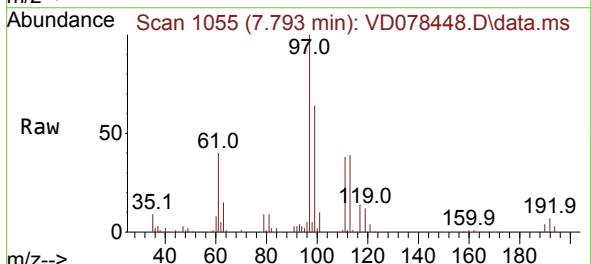
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



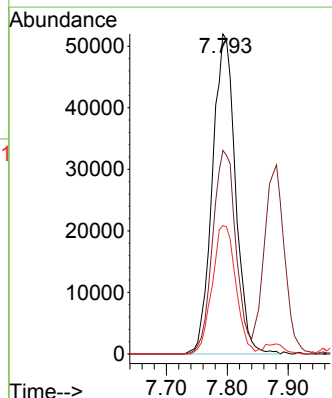
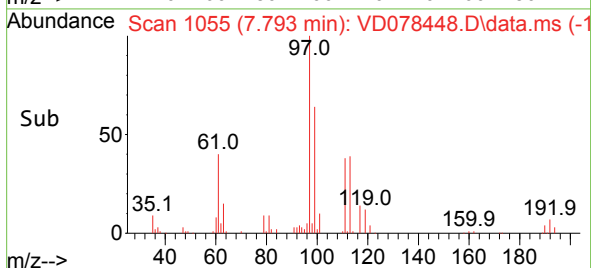
Tgt Ion: 56 Resp: 114324
Ion Ratio Lower Upper
56 100
69 32.7 28.6 43.0
84 95.4 84.8 127.2

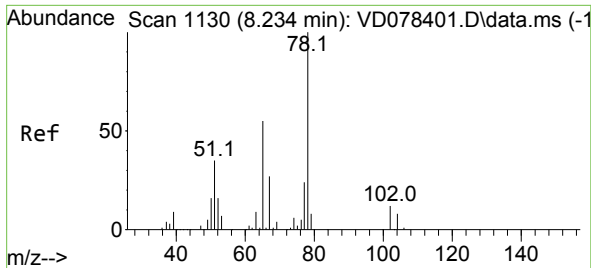


#32
1,1,1-Trichloroethane
Concen: 52.901 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56



Tgt Ion: 97 Resp: 136347
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 41.1 33.8 50.8

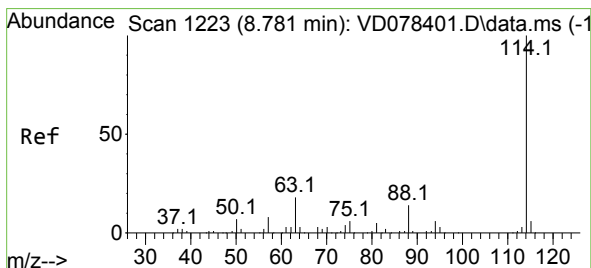
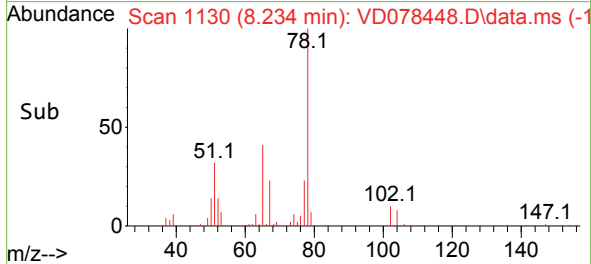
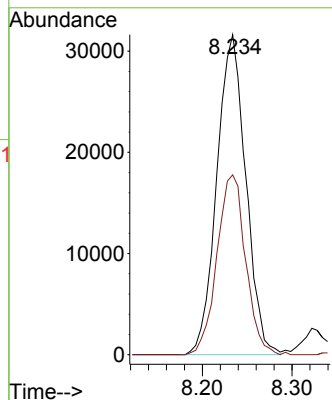
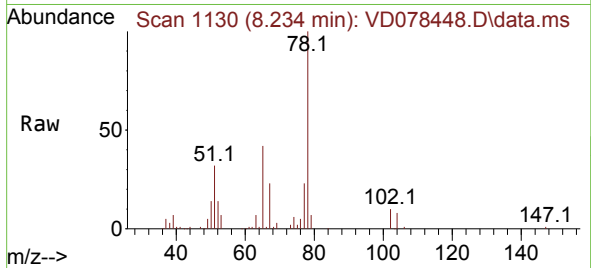




#33
1,2-Dichloroethane-d4
Concen: 48.318 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

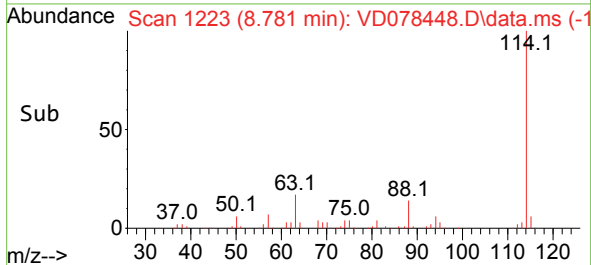
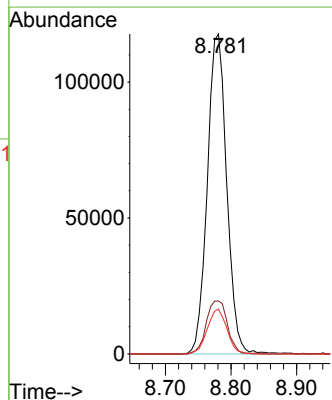
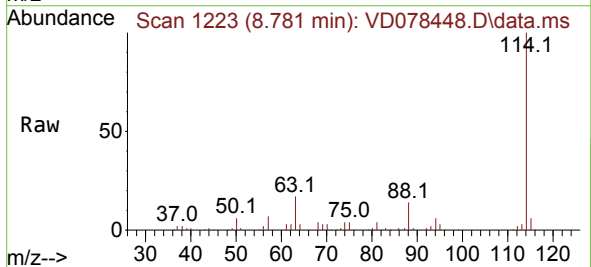
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 70989
Ion Ratio Lower Upper
65 100
67 55.5 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

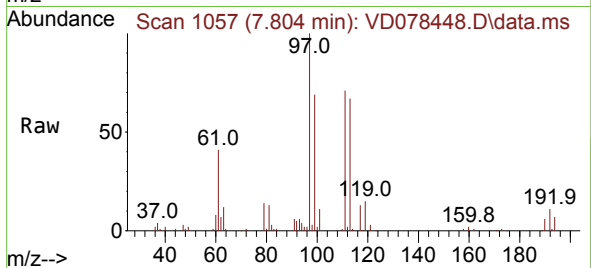
Tgt Ion: 114 Resp: 241968
Ion Ratio Lower Upper
114 100
63 16.5 0.0 33.4
88 14.0 0.0 26.2



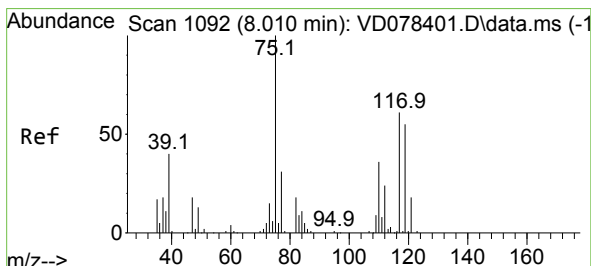
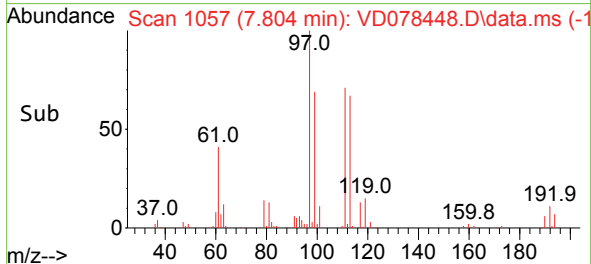
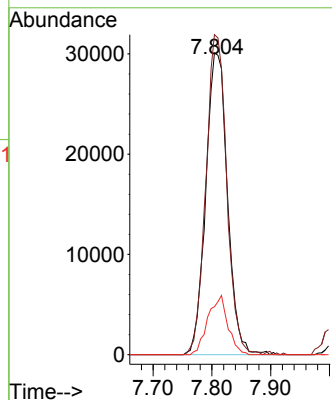


#35
Dibromofluoromethane
Concen: 50.220 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

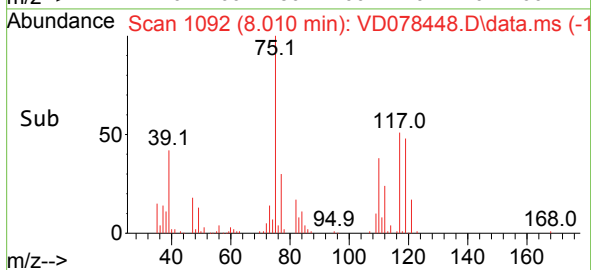
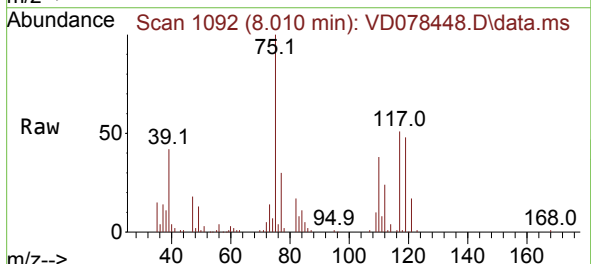
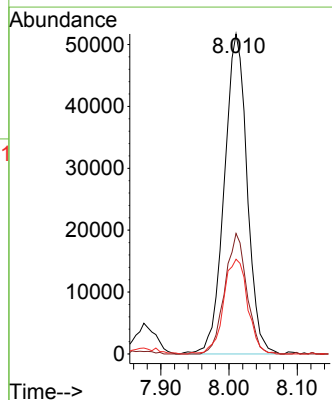


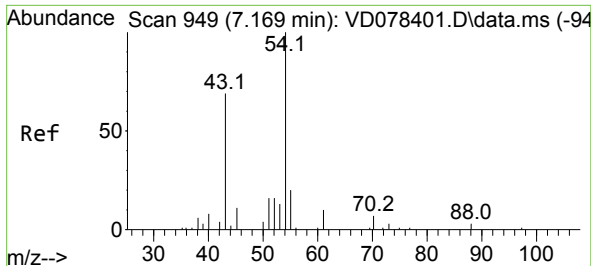
Tgt Ion:113 Resp: 77189
Ion Ratio Lower Upper
113 100
111 101.9 84.7 127.1
192 18.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.442 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 75 Resp: 120442
Ion Ratio Lower Upper
75 100
110 36.3 19.9 59.6
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 59.366 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD078448.D

Acq: 15 Feb 2024 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

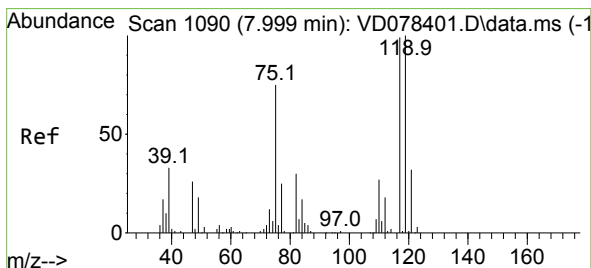
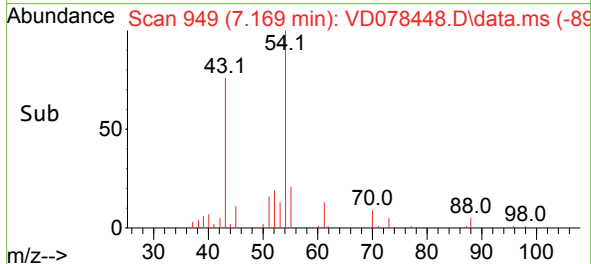
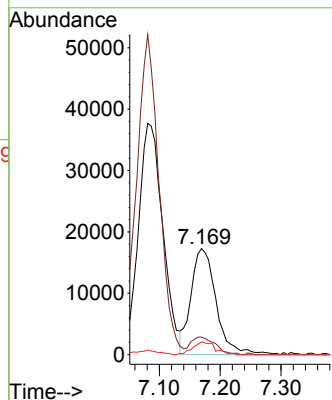
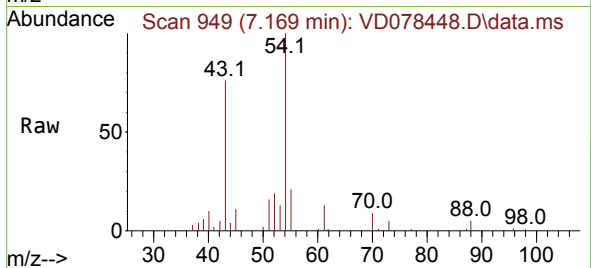
Tgt Ion: 43 Resp: 49690

Ion Ratio Lower Upper

43 100

61 16.4 14.9 22.3

70 10.8 10.0 15.0



#38

Carbon Tetrachloride

Concen: 49.967 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078448.D

Acq: 15 Feb 2024 20:56

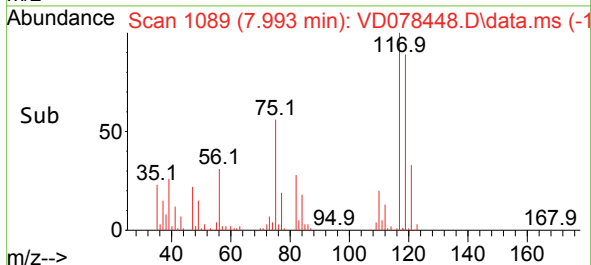
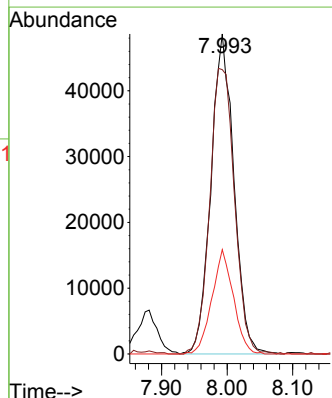
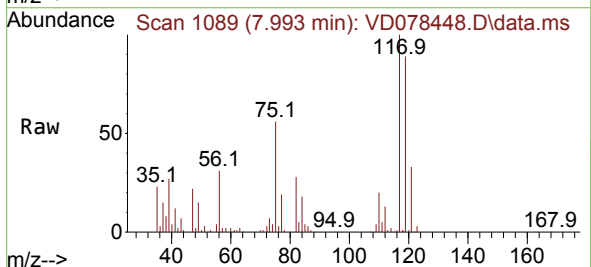
Tgt Ion: 117 Resp: 118154

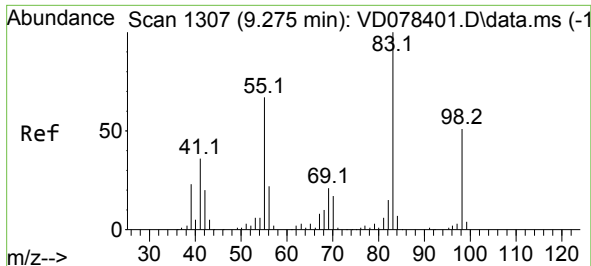
Ion Ratio Lower Upper

117 100

119 88.9 78.0 117.0

121 32.6 24.2 36.2

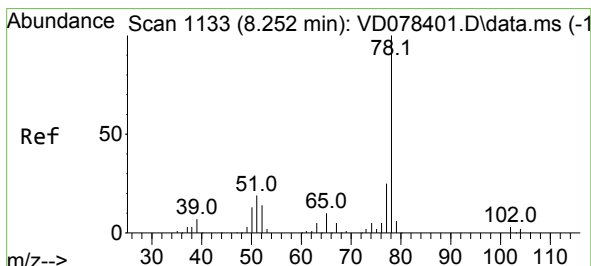
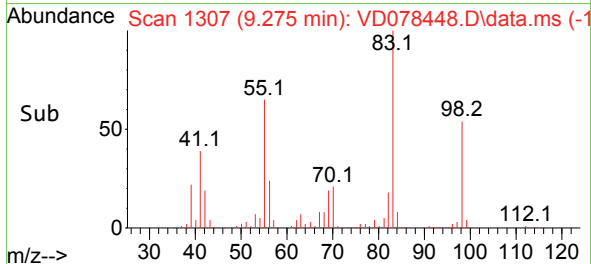
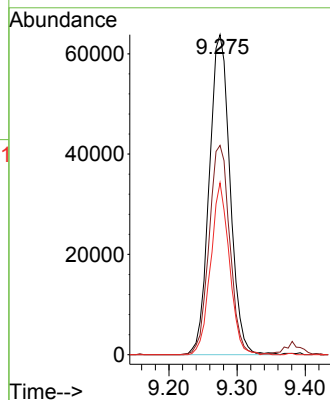
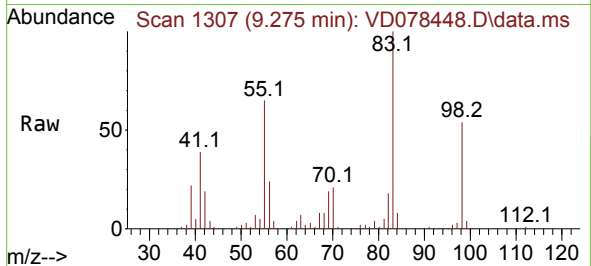




#39
Methylcyclohexane
Concen: 47.766 ug/l
RT: 9.275 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

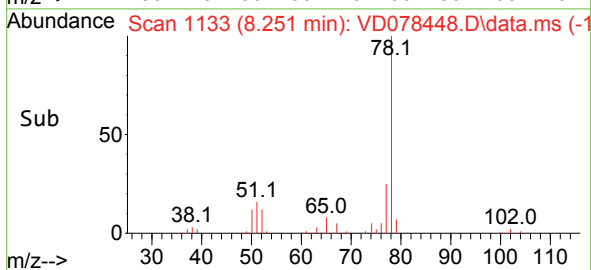
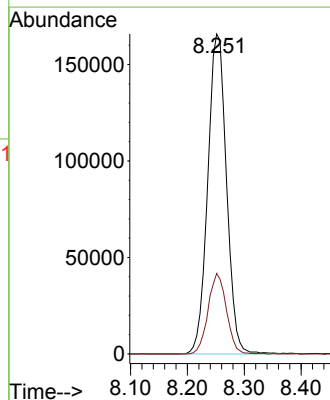
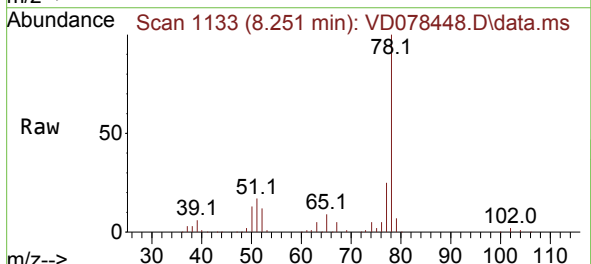
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 135399
Ion Ratio Lower Upper
83 100
55 65.4 49.4 74.0
98 53.7 38.4 57.6



#40
Benzene
Concen: 55.018 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 78 Resp: 379716
Ion Ratio Lower Upper
78 100
77 25.1 19.4 29.0

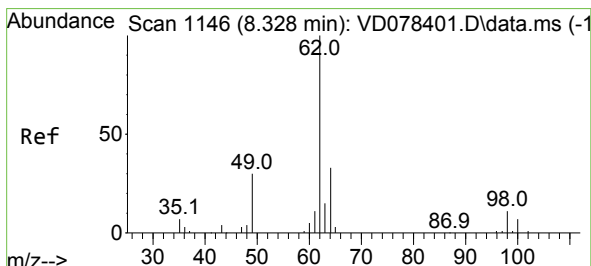
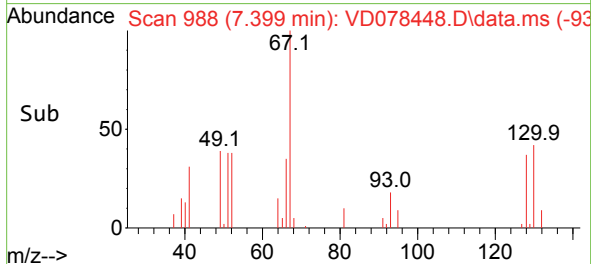
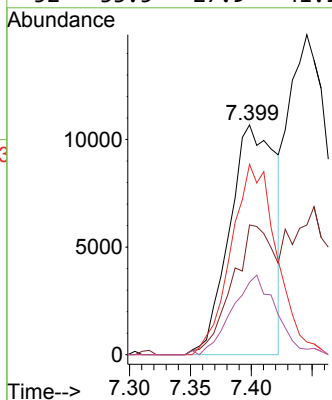
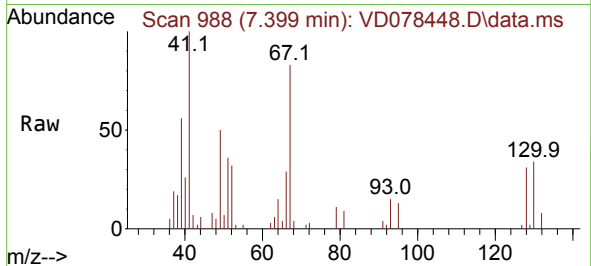




#41
Methacrylonitrile
Concen: 64.262 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

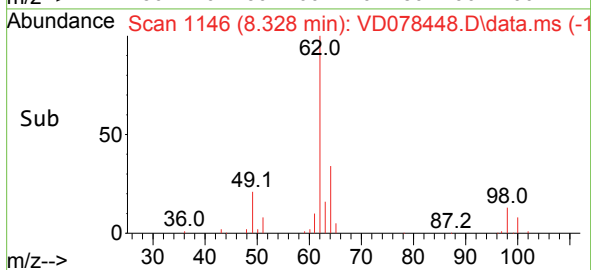
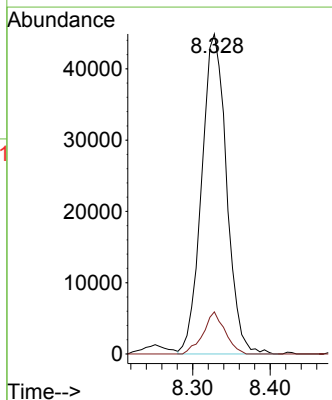
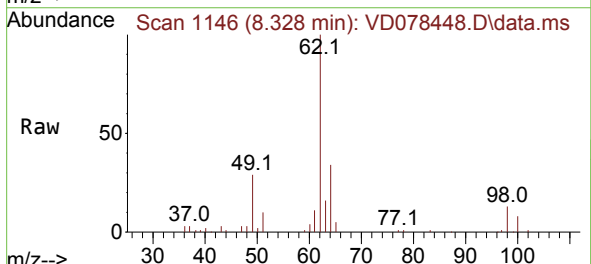
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

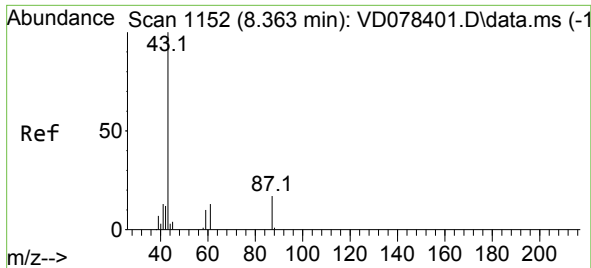
Tgt Ion: 41 Resp: 27993
Ion Ratio Lower Upper
41 100
39 52.3 34.0 51.0#
67 82.7 77.0 115.4
52 33.5 27.9 41.9



#42
1,2-Dichloroethane
Concen: 56.296 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 62 Resp: 100533
Ion Ratio Lower Upper
62 100
98 11.5 0.0 25.4

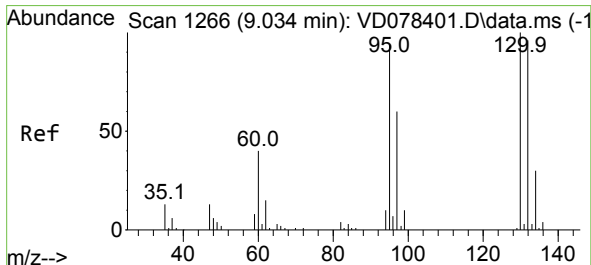
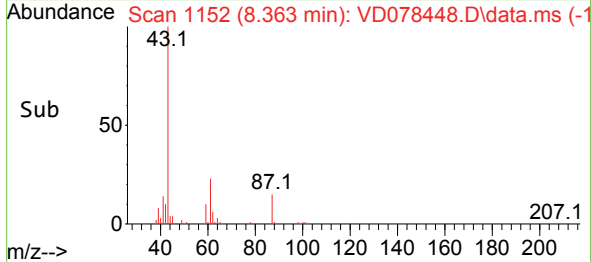
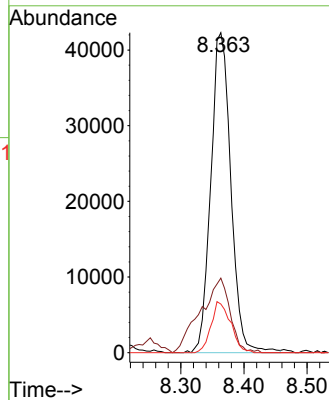
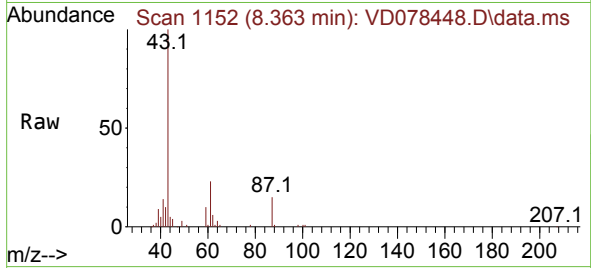




#43
Isopropyl Acetate
Concen: 60.186 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

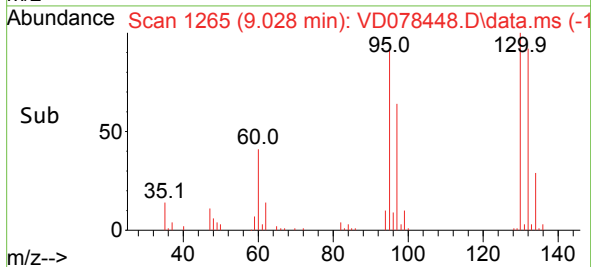
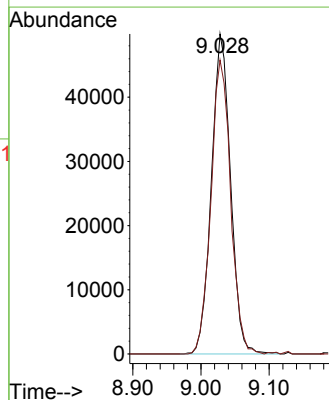
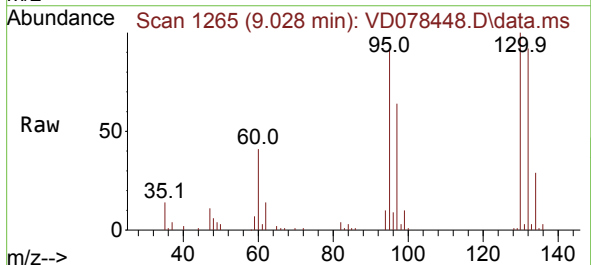
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

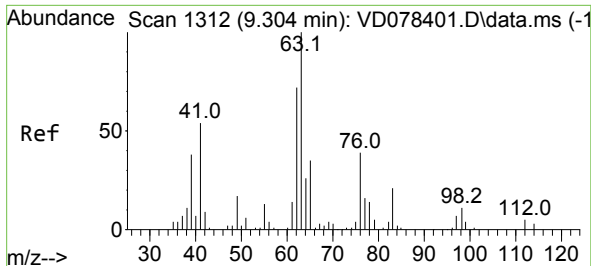
Tgt Ion: 43	Resp: 93285
Ion Ratio	Lower Upper
43 100	
61 34.4	31.4 47.0
87 15.5	14.9 22.3



#44
Trichloroethene
Concen: 55.416 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion:130	Resp:	97572	
Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	179.2





#45

1,2-Dichloropropane

Concen: 55.437 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078448.D

Acq: 15 Feb 2024 20:56

Instrument :

MSVOA_D

ClientSampleId :

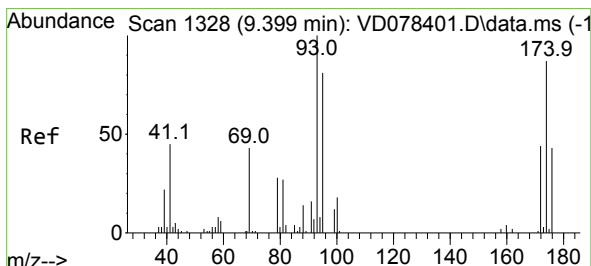
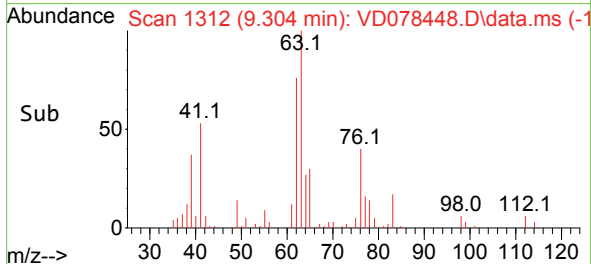
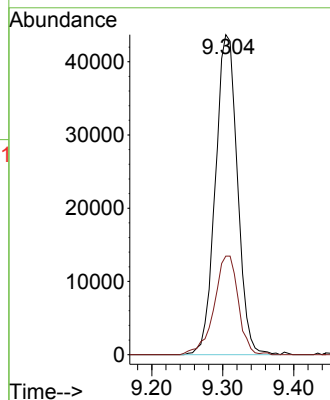
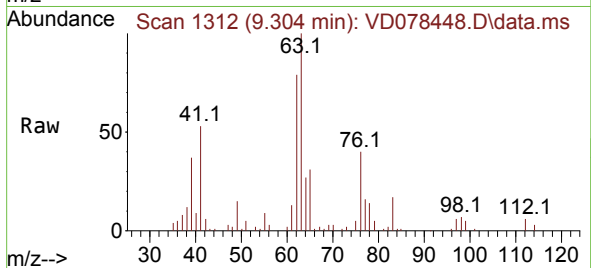
VSTDCCC050EC

Tgt Ion: 63 Resp: 93873

Ion Ratio Lower Upper

63 100

65 30.8 24.5 36.7



#46

Dibromomethane

Concen: 59.387 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078448.D

Acq: 15 Feb 2024 20:56

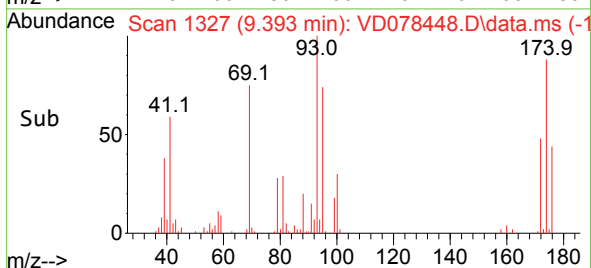
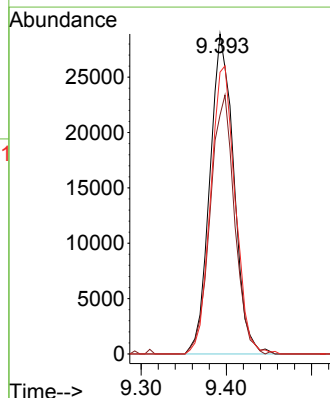
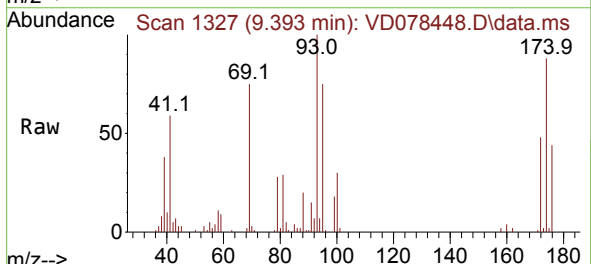
Tgt Ion: 93 Resp: 56563

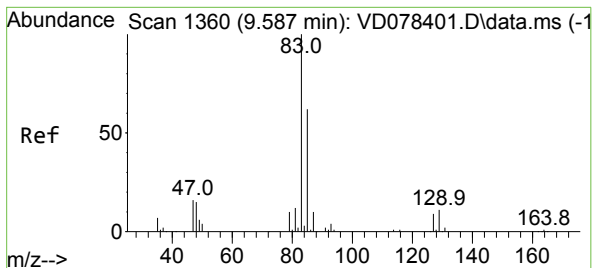
Ion Ratio Lower Upper

93 100

95 82.0 67.7 101.5

174 92.2 85.4 128.2





#47

Bromodichloromethane

Concen: 56.703 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD078448.D

Acq: 15 Feb 2024 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

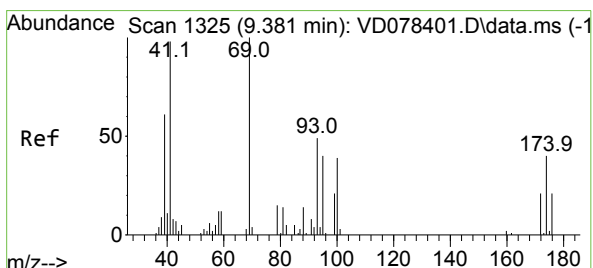
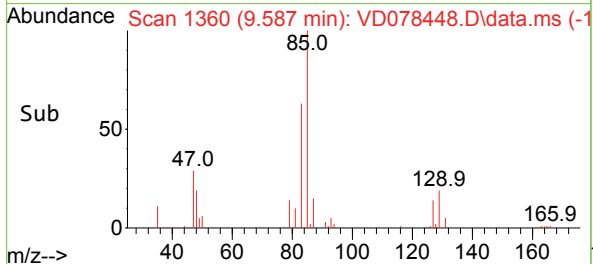
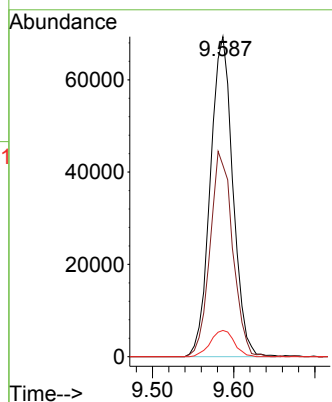
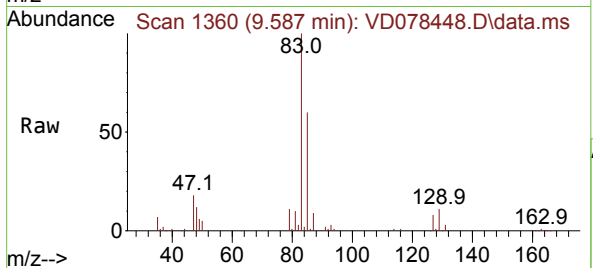
Tgt Ion: 83 Resp: 133767

Ion Ratio Lower Upper

83 100

85 59.8 50.2 75.4

127 8.2 6.3 9.5



#48

Methyl methacrylate

Concen: 61.347 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD078448.D

Acq: 15 Feb 2024 20:56

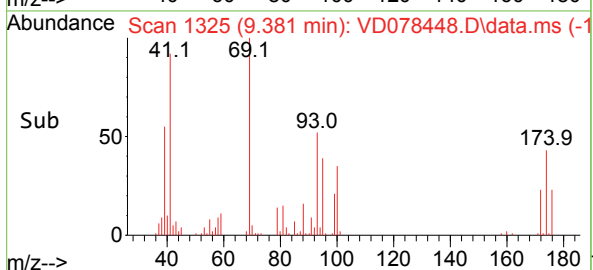
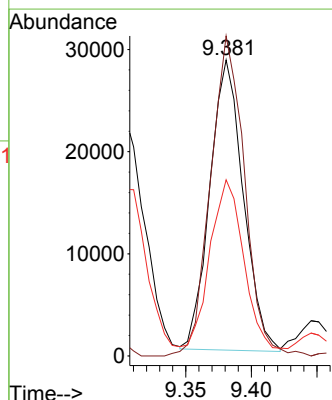
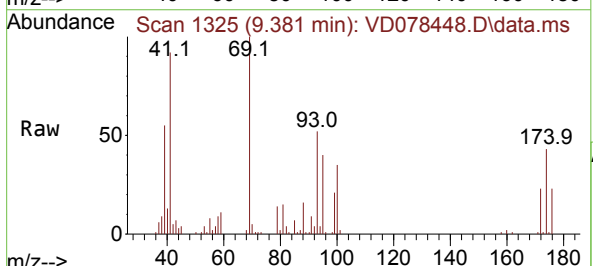
Tgt Ion: 41 Resp: 50445

Ion Ratio Lower Upper

41 100

69 112.1 102.2 153.2

39 64.3 41.4 62.2#





#49

1,4-Dioxane

Concen: 1251.904 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078448.D

Acq: 15 Feb 2024 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

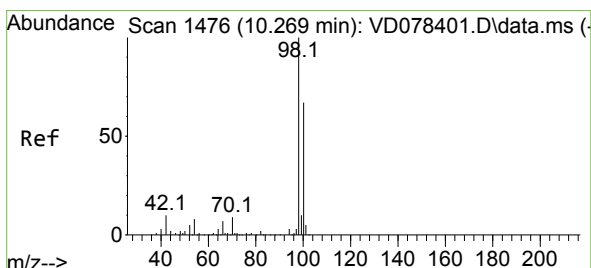
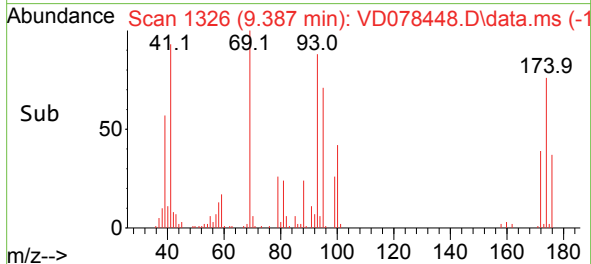
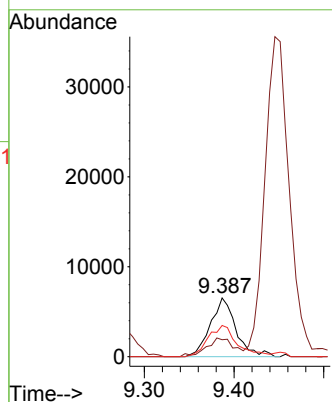
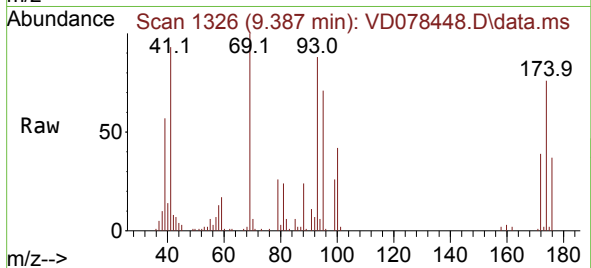
Tgt Ion: 88 Resp: 12913

Ion Ratio Lower Upper

88 100

43 33.7 19.0 28.6#

58 60.3 43.5 65.3



#50

Toluene-d8

Concen: 47.514 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078448.D

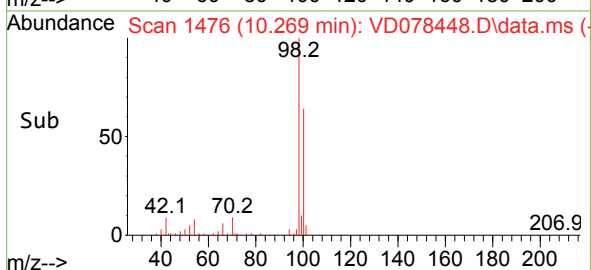
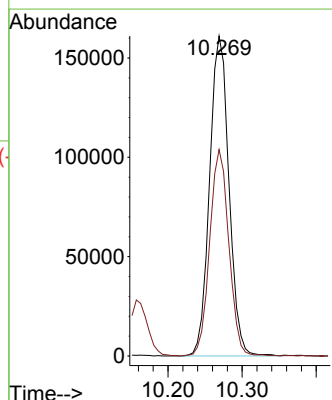
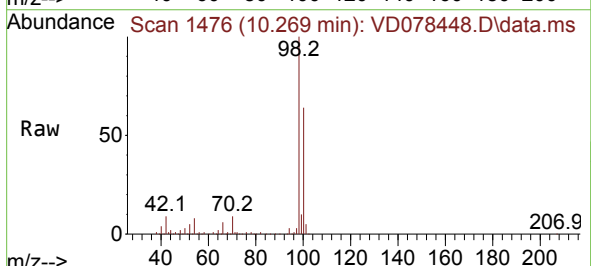
Acq: 15 Feb 2024 20:56

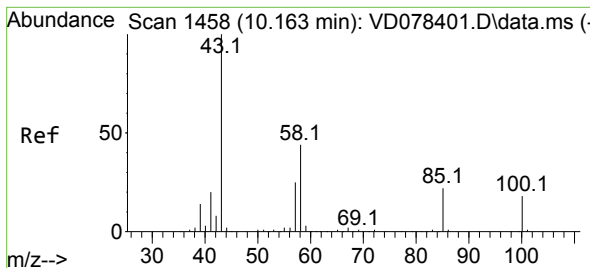
Tgt Ion: 98 Resp: 292138

Ion Ratio Lower Upper

98 100

100 63.8 50.3 75.5

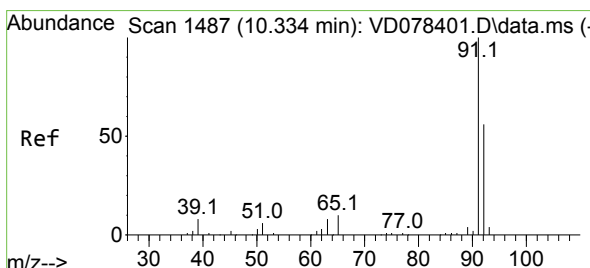
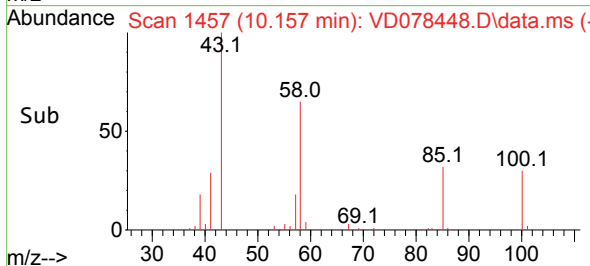
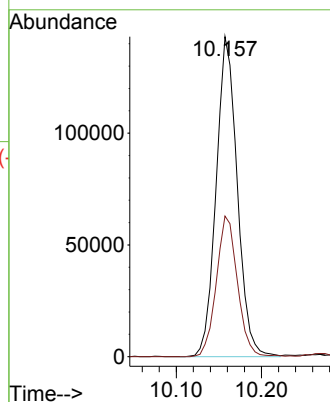
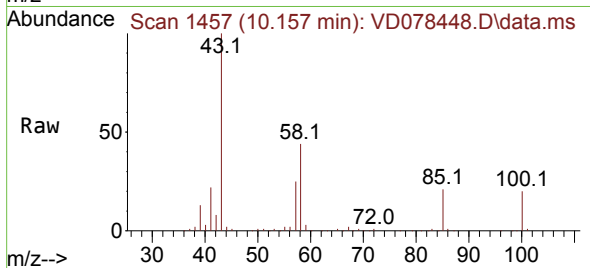




#51
4-Methyl-2-Pentanone
Concen: 300.369 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

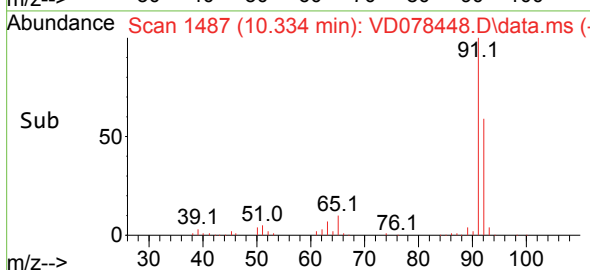
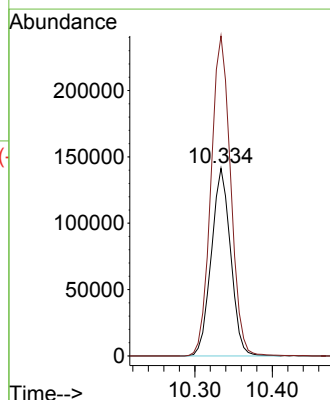
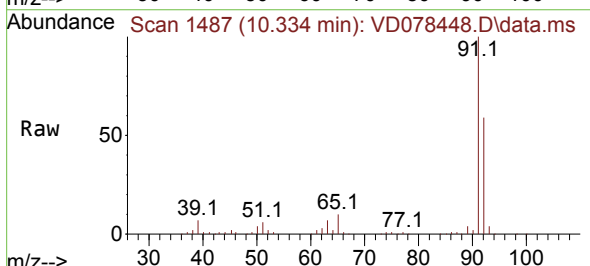
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

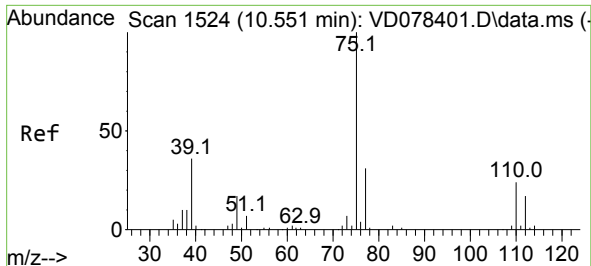
Tgt Ion: 43 Resp: 247091
Ion Ratio Lower Upper
43 100
58 43.9 38.9 58.3



#52
Toluene
Concen: 55.914 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 92 Resp: 244035
Ion Ratio Lower Upper
92 100
91 174.7 143.0 214.4

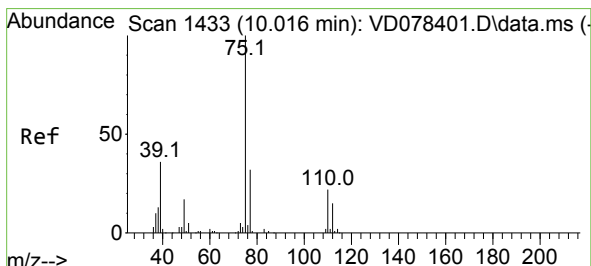
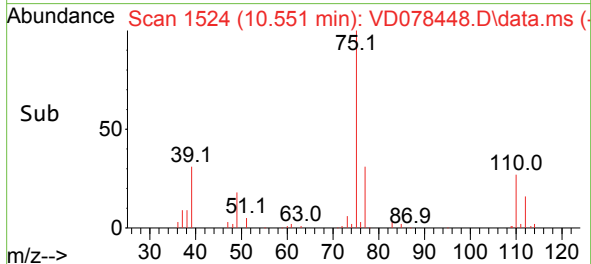
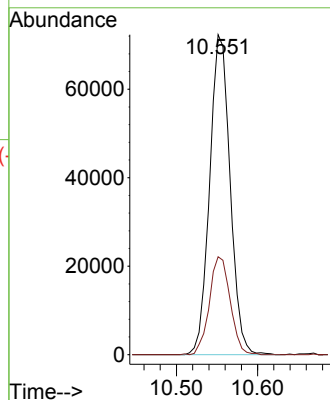
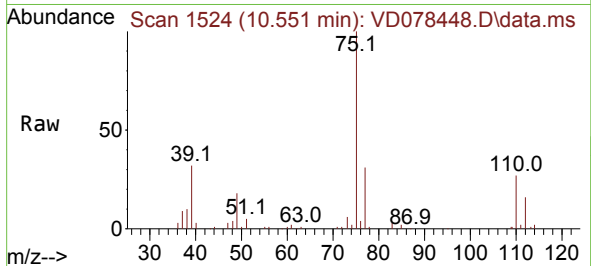




#53
t-1,3-Dichloropropene
Concen: 58.728 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

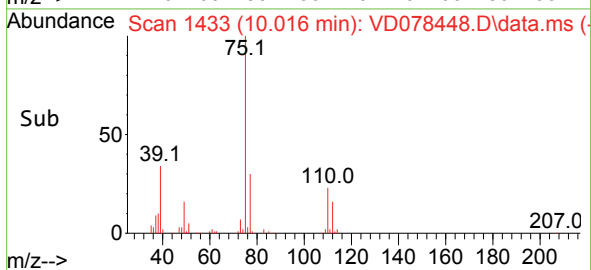
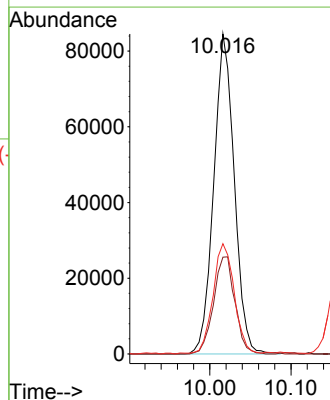
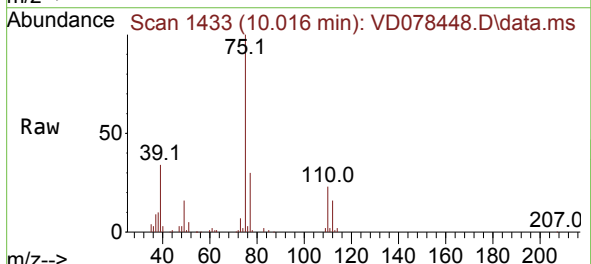
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

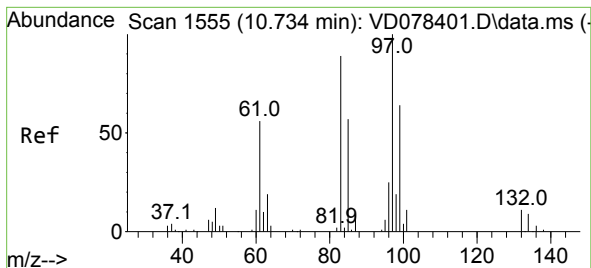
Tgt Ion: 75 Resp: 126416
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 56.834 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 75 Resp: 148347
Ion Ratio Lower Upper
75 100
77 30.3 25.5 38.3
39 34.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 61.579 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078448.D

Acq: 15 Feb 2024 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 78985

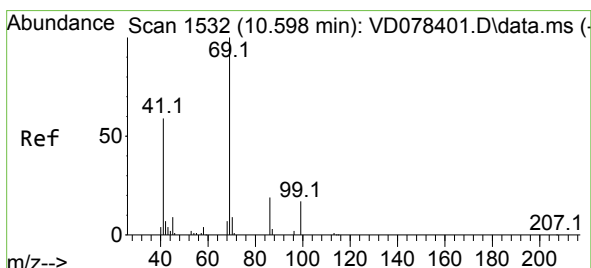
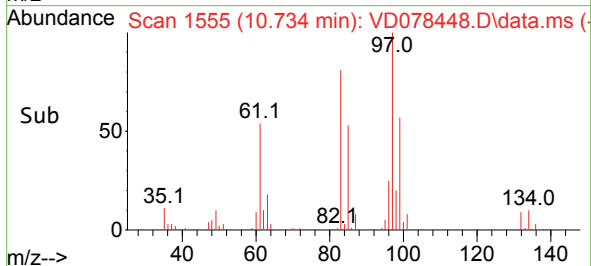
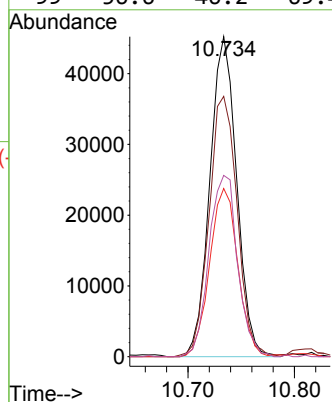
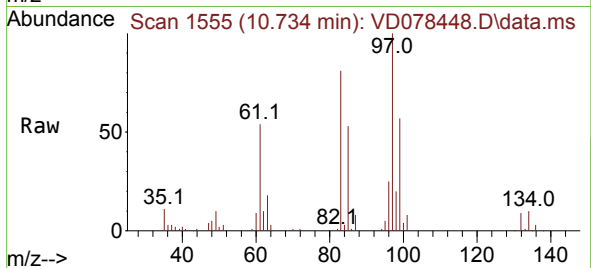
Ion Ratio Lower Upper

97 100

83 80.9 65.8 98.6

85 52.6 45.7 68.5

99 56.6 46.2 69.4



#56

Ethyl methacrylate

Concen: 55.821 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078448.D

Acq: 15 Feb 2024 20:56

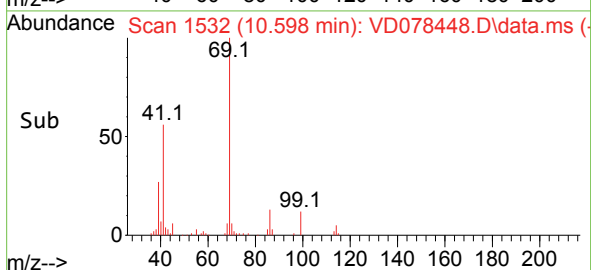
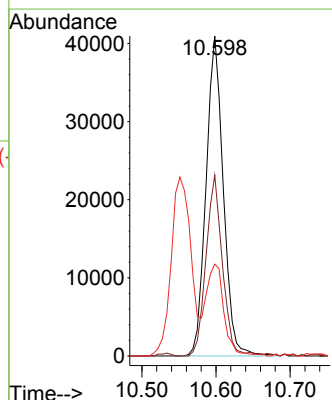
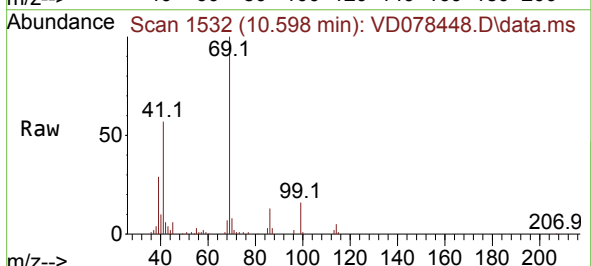
Tgt Ion: 69 Resp: 66219

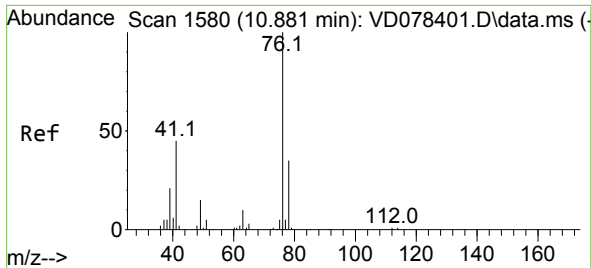
Ion Ratio Lower Upper

69 100

41 53.9 39.1 58.7

39 28.5 20.0 30.0





#57

1,3-Dichloropropane

Concen: 59.332 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078448.D

Acq: 15 Feb 2024 20:56

Instrument :

MSVOA_D

ClientSampleId :

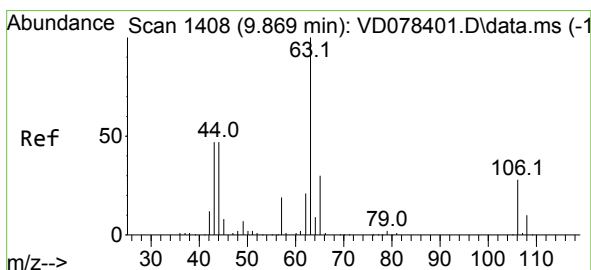
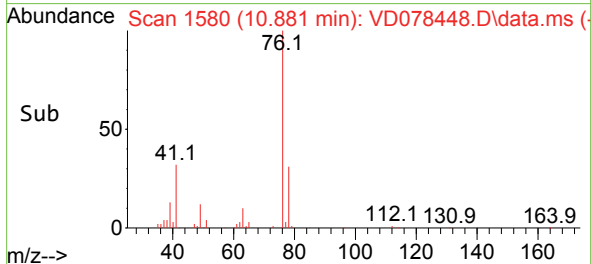
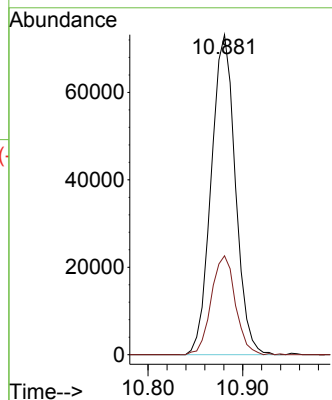
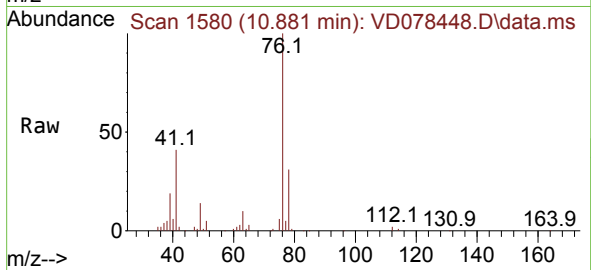
VSTDCCC050EC

Tgt Ion: 76 Resp: 129457

Ion Ratio Lower Upper

76 100

78 31.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 280.138 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078448.D

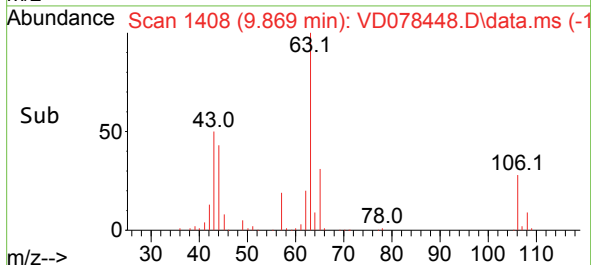
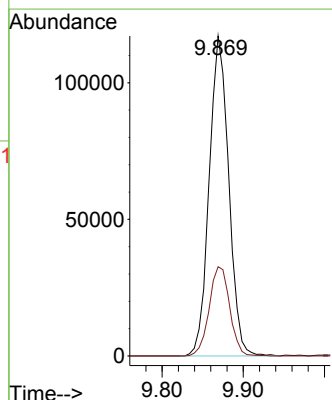
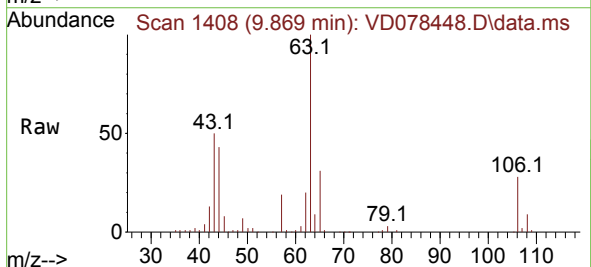
Acq: 15 Feb 2024 20:56

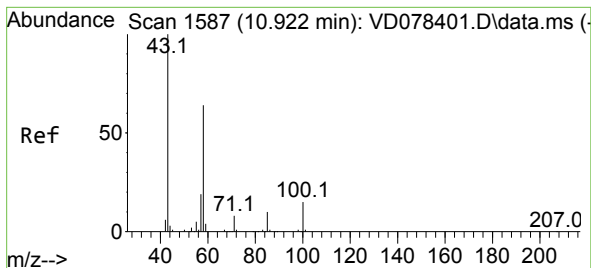
Tgt Ion: 63 Resp: 195751

Ion Ratio Lower Upper

63 100

106 29.3 25.3 37.9

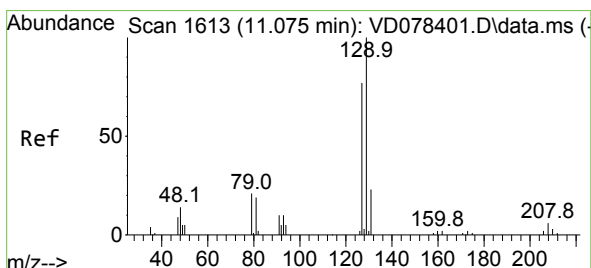
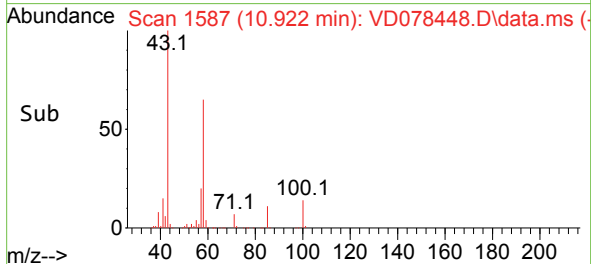
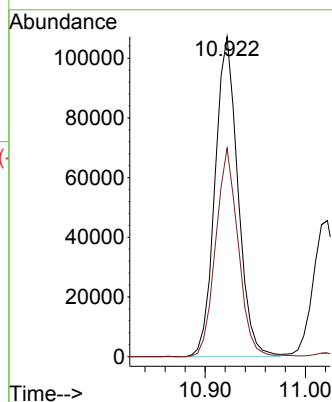
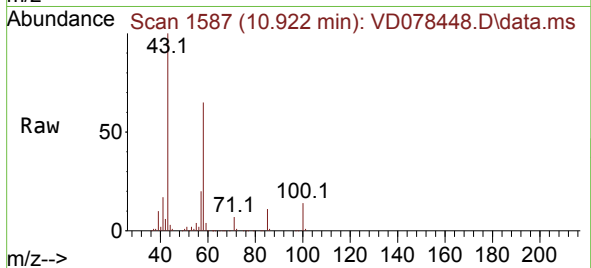




#59
2-Hexanone
Concen: 275.439 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

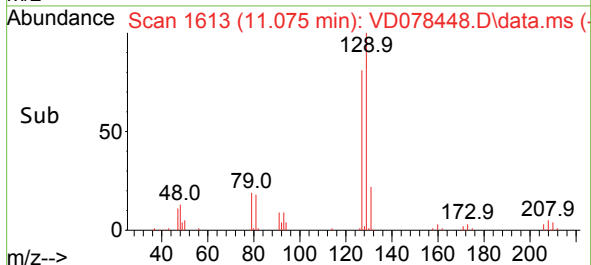
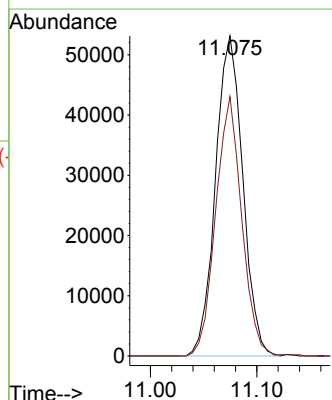
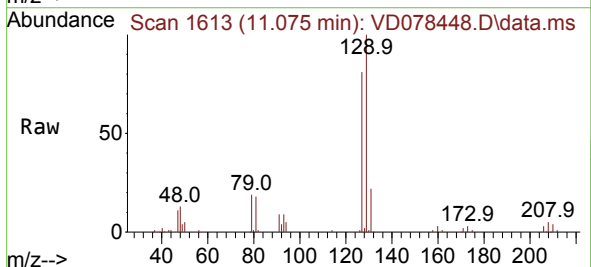
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

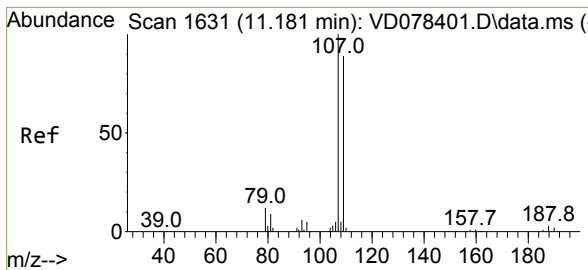
Tgt Ion: 43 Resp: 170280
Ion Ratio Lower Upper
43 100
58 64.2 34.1 102.2



#60
Dibromochloromethane
Concen: 61.190 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 129 Resp: 94432
Ion Ratio Lower Upper
129 100
127 77.4 37.1 111.5

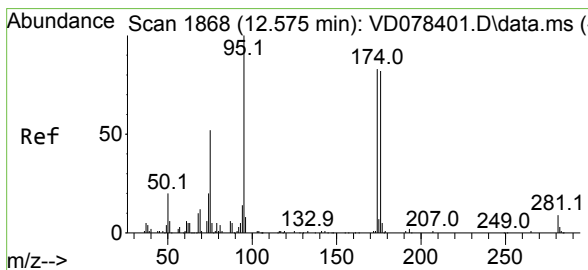
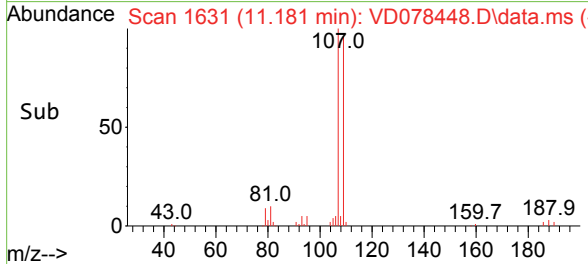
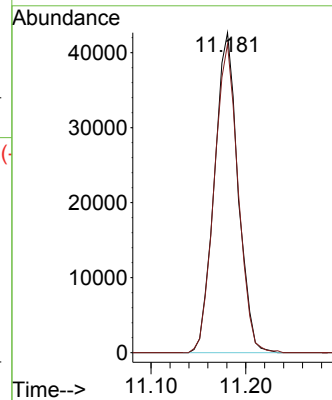
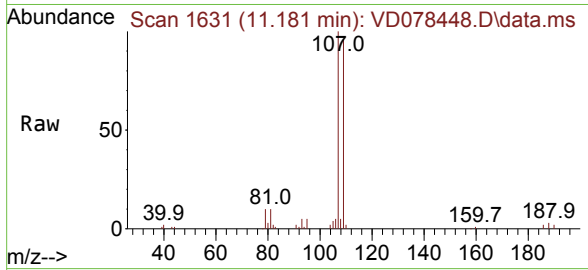




#61
1,2-Dibromoethane
Concen: 61.250 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

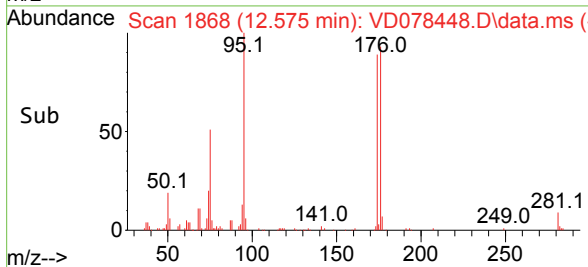
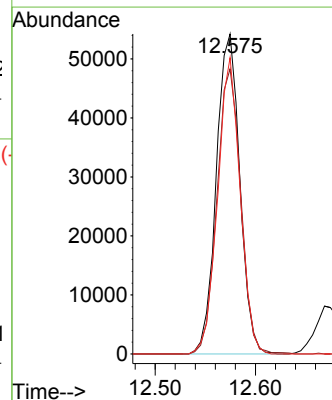
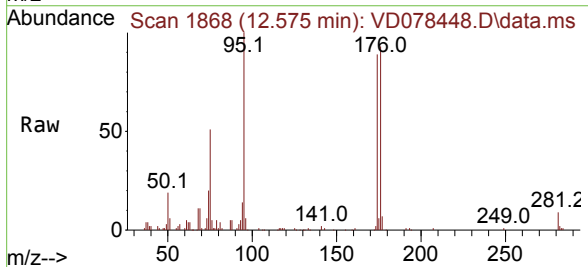
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

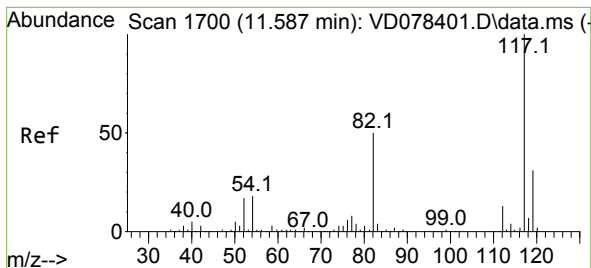
Tgt Ion:107 Resp: 73755
Ion Ratio Lower Upper
107 100
109 97.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.154 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 95 Resp: 87949
Ion Ratio Lower Upper
95 100
174 90.5 0.0 201.8
176 88.9 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078448.D

Acq: 15 Feb 2024 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

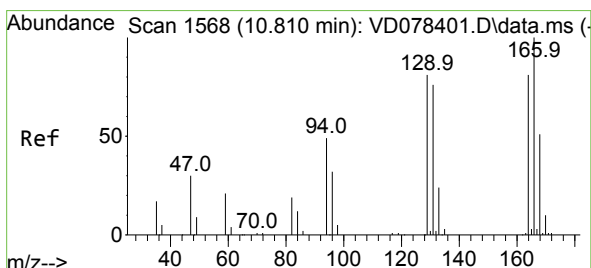
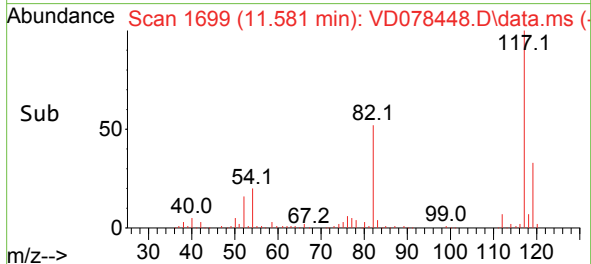
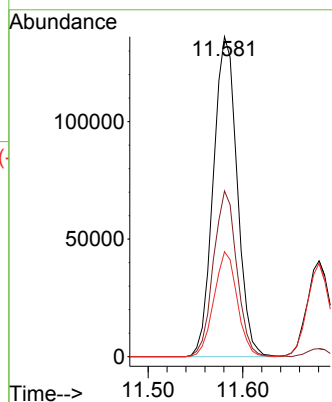
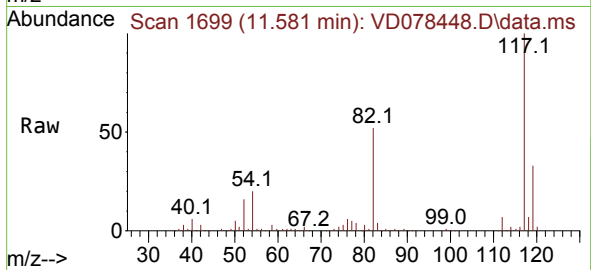
Tgt Ion:117 Resp: 238065

Ion Ratio Lower Upper

117 100

82 51.8 38.3 57.5

119 32.8 25.0 37.4



#64

Tetrachloroethene

Concen: 53.122 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078448.D

Acq: 15 Feb 2024 20:56

Tgt Ion:164 Resp: 79879

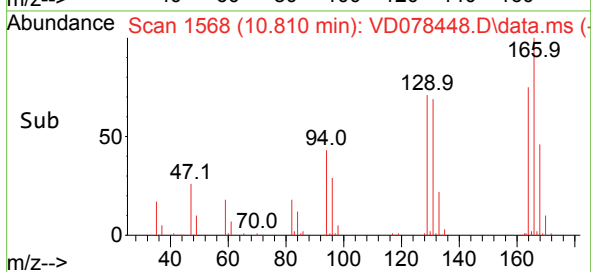
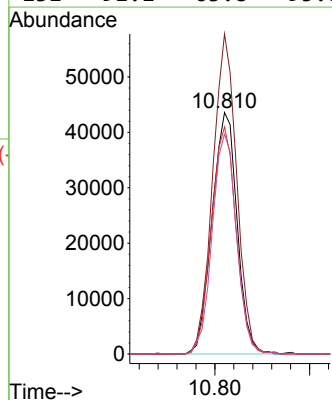
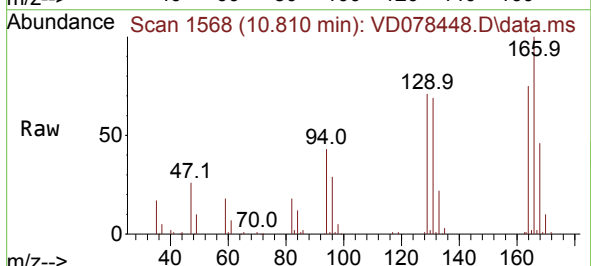
Ion Ratio Lower Upper

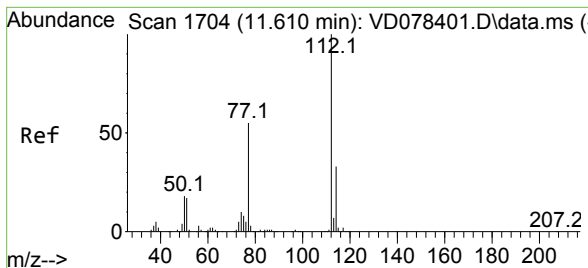
164 100

166 132.5 99.2 148.8

129 94.0 68.4 102.6

131 91.1 63.8 95.8

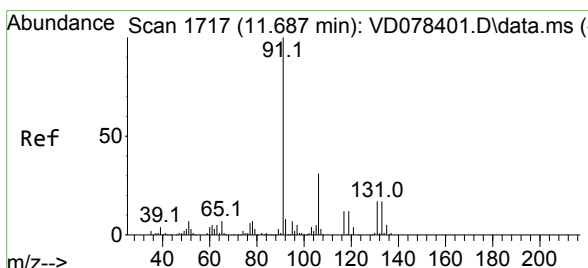
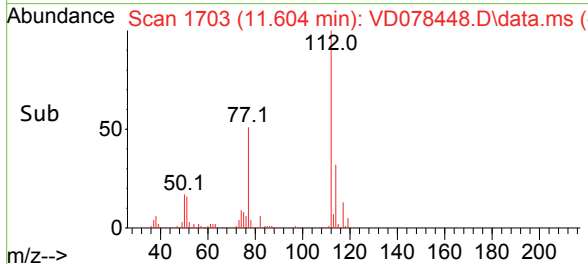
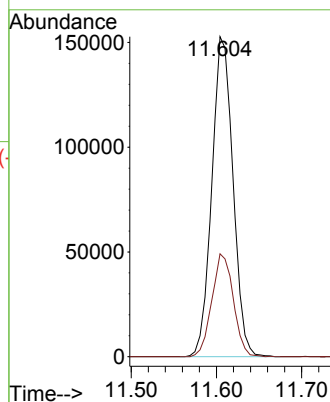
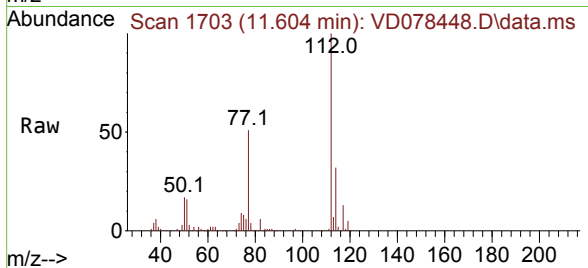




#65
Chlorobenzene
Concen: 55.107 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

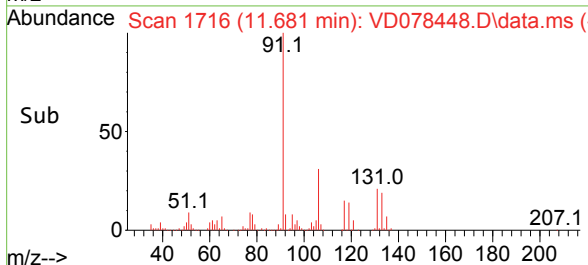
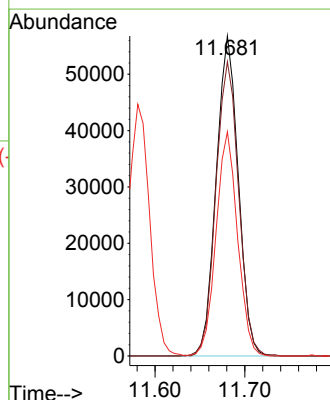
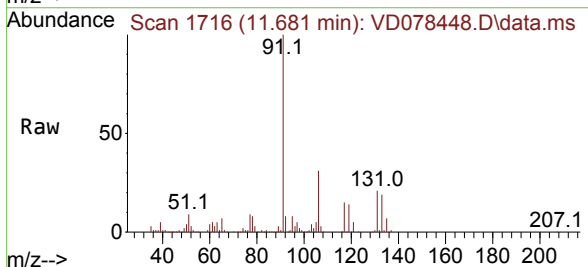
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

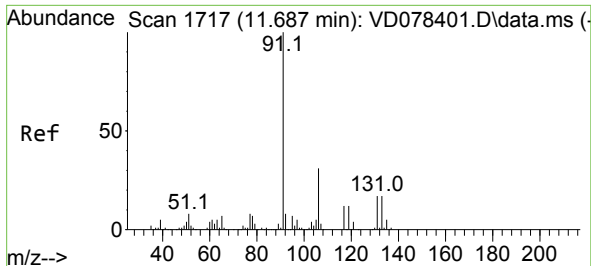
Tgt Ion:112 Resp: 263744
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 55.268 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion:131 Resp: 97209
Ion Ratio Lower Upper
131 100
133 94.8 48.5 145.5
119 68.3 35.6 106.9





#67

Ethyl Benzene

Concen: 53.497 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078448.D

Acq: 15 Feb 2024 20:56

Instrument :

MSVOA_D

ClientSampleId :

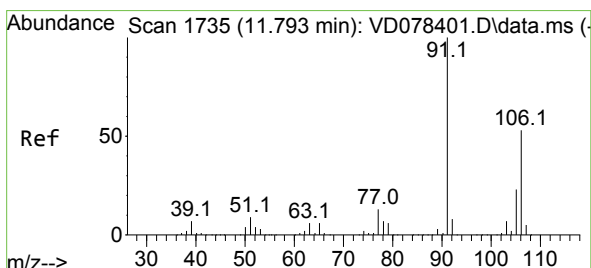
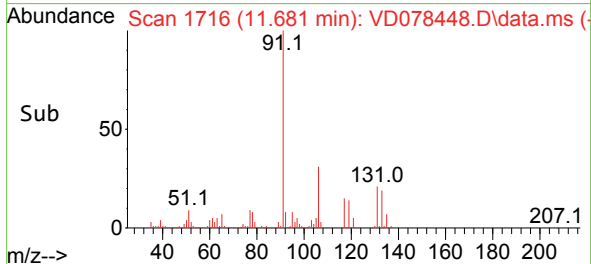
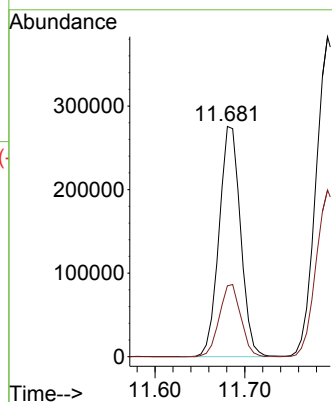
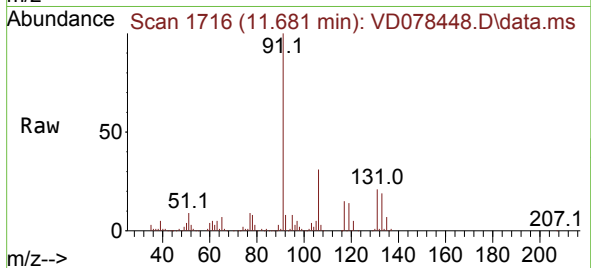
VSTDCCC050EC

Tgt Ion: 91 Resp: 458754

Ion Ratio Lower Upper

91 100

106 30.8 26.5 39.7



#68

m/p-Xylenes

Concen: 109.927 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078448.D

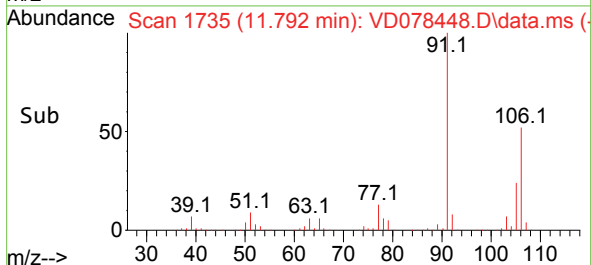
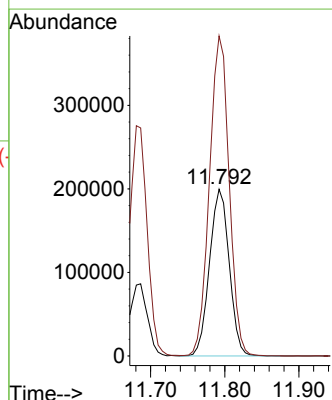
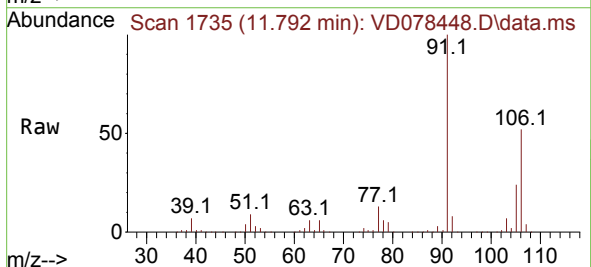
Acq: 15 Feb 2024 20:56

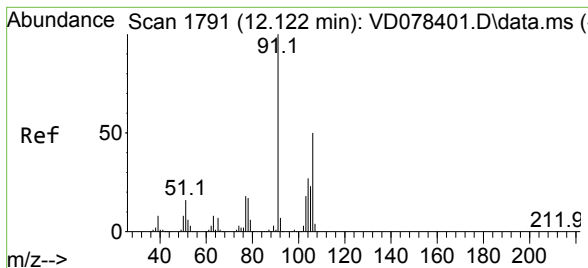
Tgt Ion:106 Resp: 367702

Ion Ratio Lower Upper

106 100

91 192.6 147.0 220.6

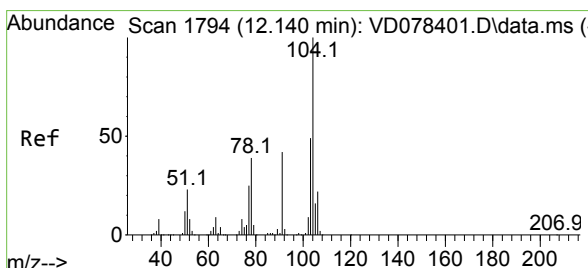
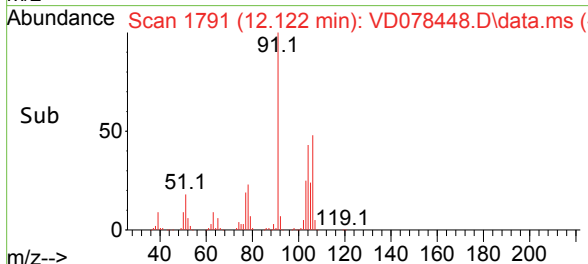
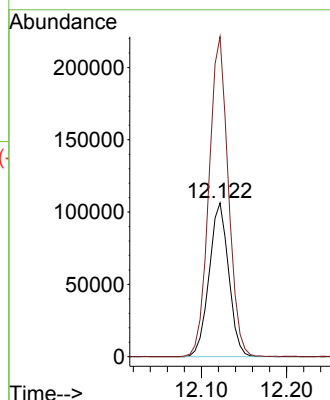
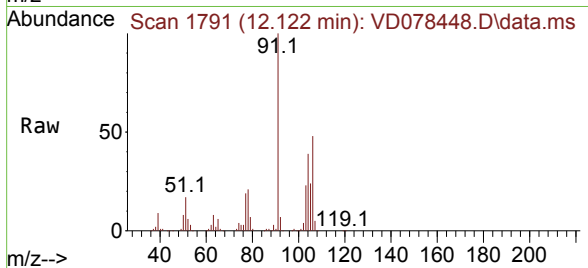




#69
o-Xylene
Concen: 55.389 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

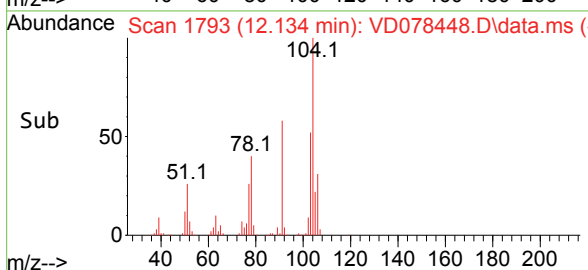
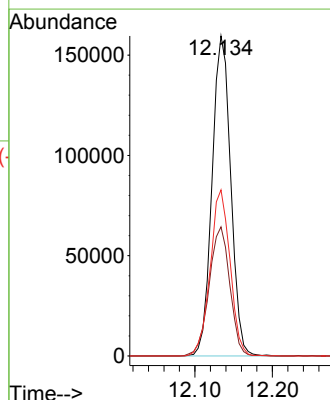
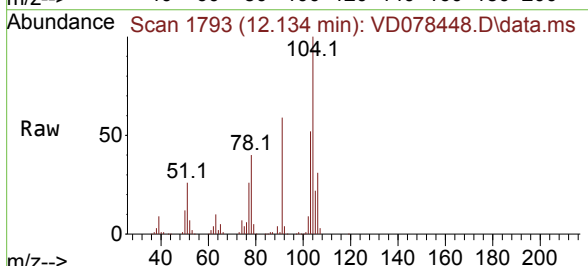
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

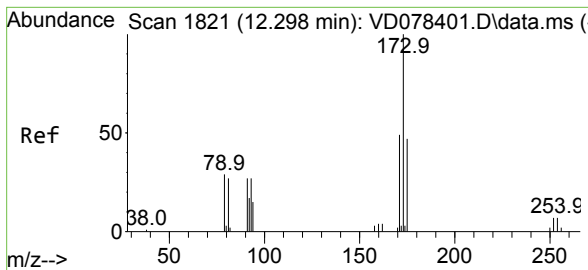
Tgt Ion:106 Resp: 169076
Ion Ratio Lower Upper
106 100
91 206.6 97.9 293.6



#70
Styrene
Concen: 53.808 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion:104 Resp: 268063
Ion Ratio Lower Upper
104 100
78 44.6 33.2 49.8
103 55.1 43.6 65.4

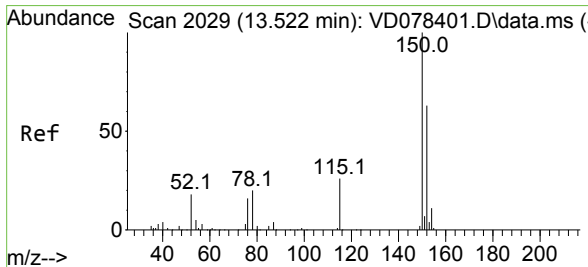
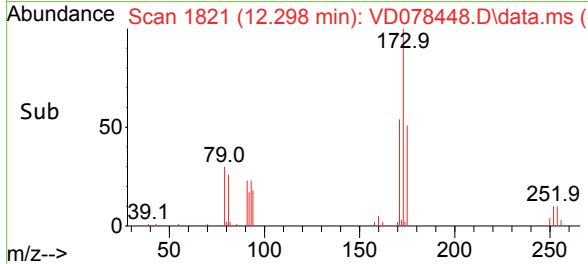
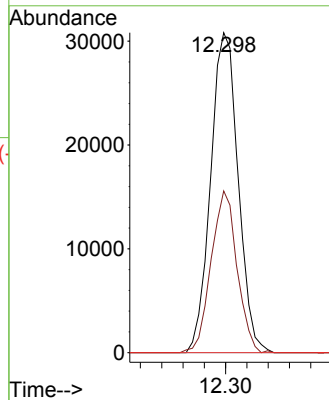
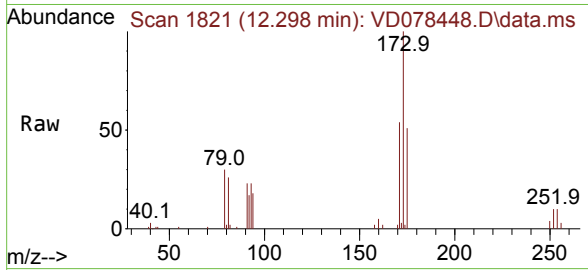




#71
Bromoform
Concen: 59.688 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

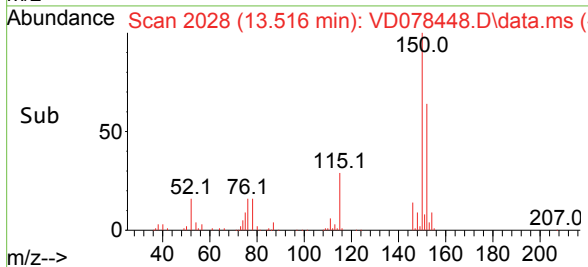
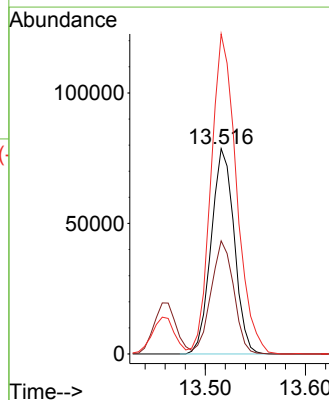
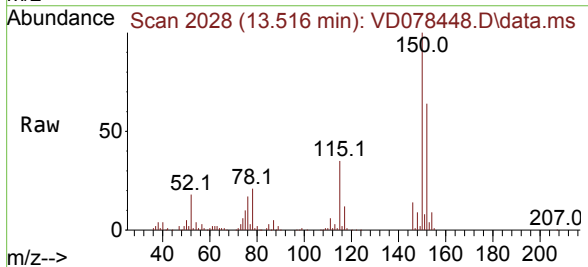
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

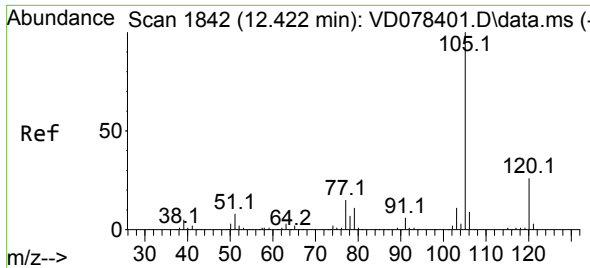
Tgt Ion:	173	Resp:	55257
Ion Ratio	Lower	Upper	
173	100		
175	47.6	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion:	152	Resp:	125566
Ion Ratio	Lower	Upper	
152	100		
115	54.1	27.1	81.3
150	172.2	0.0	353.6

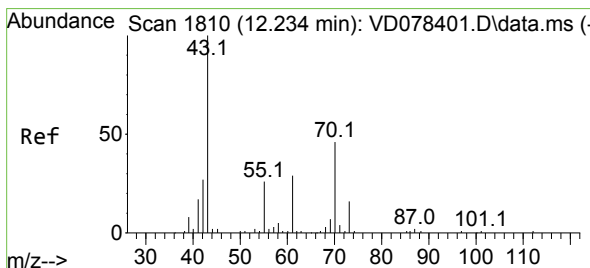
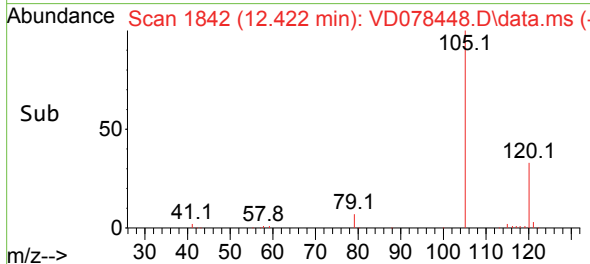
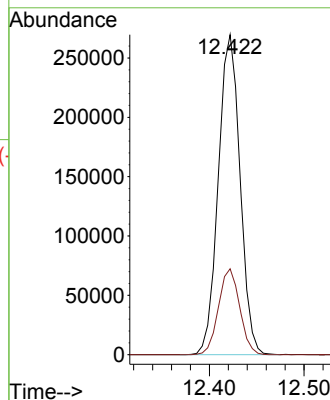
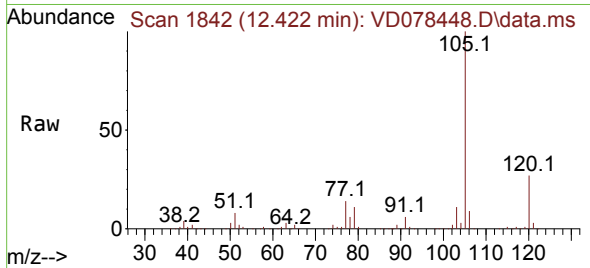




#73
Isopropylbenzene
Concen: 51.042 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

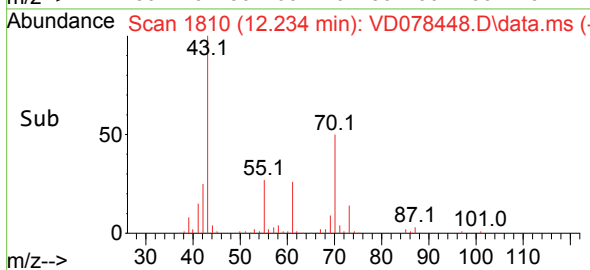
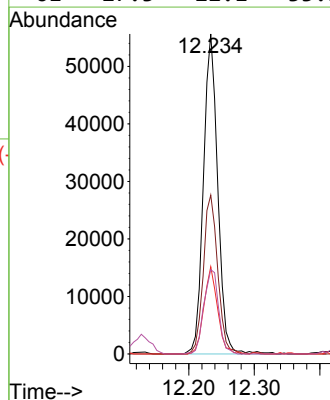
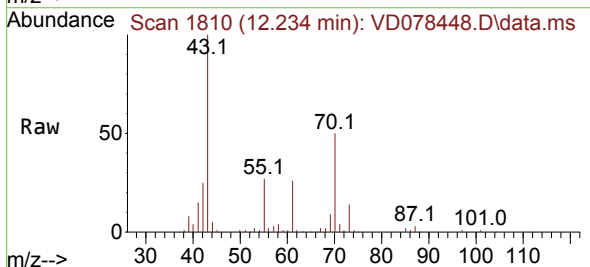
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

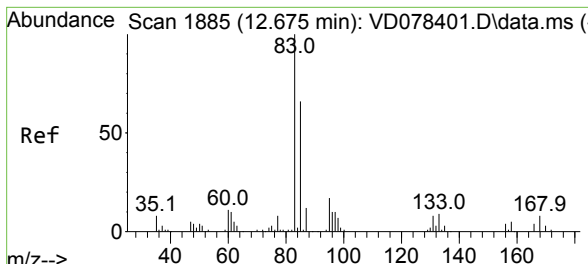
Tgt Ion:105 Resp: 430364
Ion Ratio Lower Upper
105 100
120 26.2 14.3 42.9



#74
N-ethyl acetate
Concen: 52.932 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 43 Resp: 84432
Ion Ratio Lower Upper
43 100
70 49.9 45.0 67.4
55 26.1 23.8 35.6
61 27.3 22.1 33.1

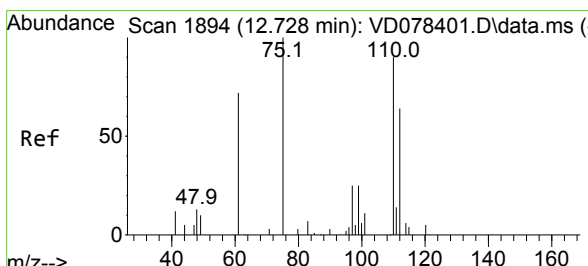
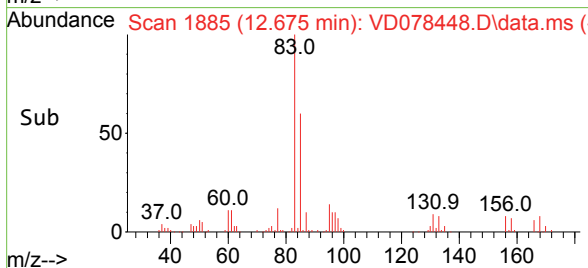
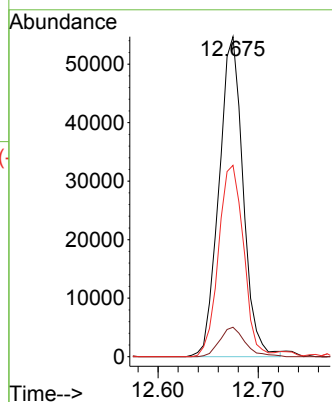
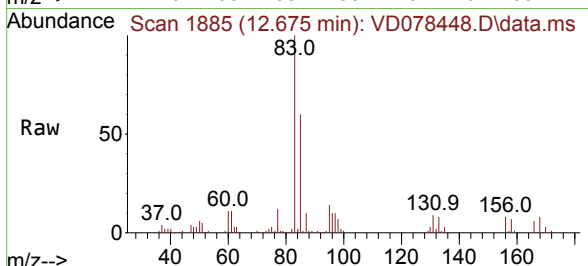




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.585 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD078448.D
 Acq: 15 Feb 2024 20:56

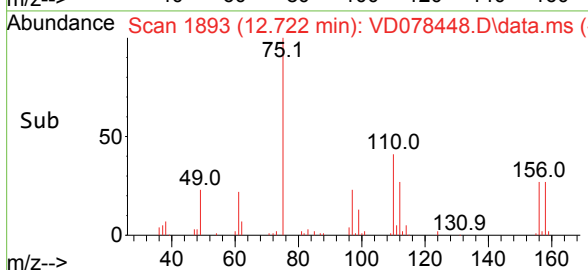
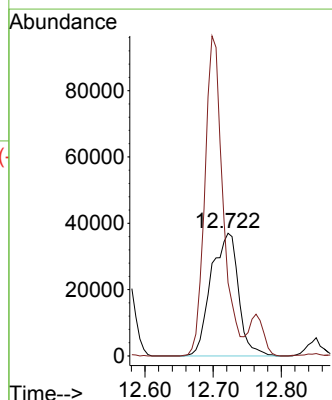
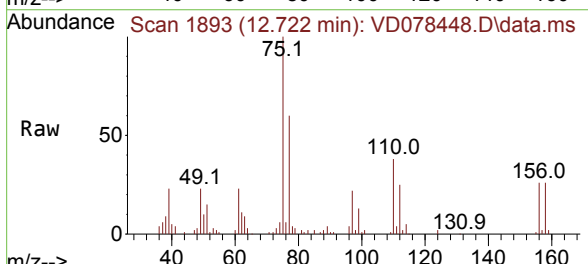
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

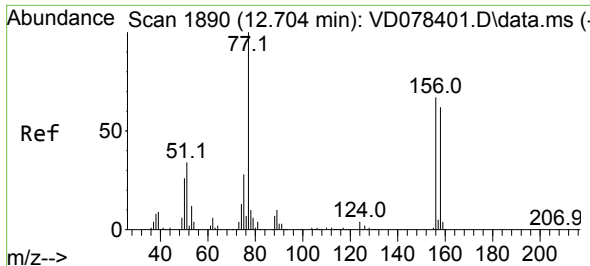
Tgt Ion:	83	Resp:	91296
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.1	15.3
85	62.3	32.6	97.8



#76
 1,2,3-Trichloropropane
 Concen: 97.177 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VD078448.D
 Acq: 15 Feb 2024 20:56

Tgt Ion:	75	Resp:	103592
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

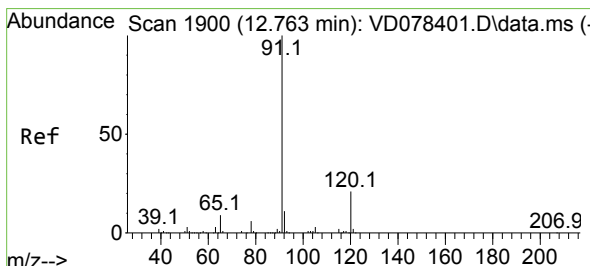
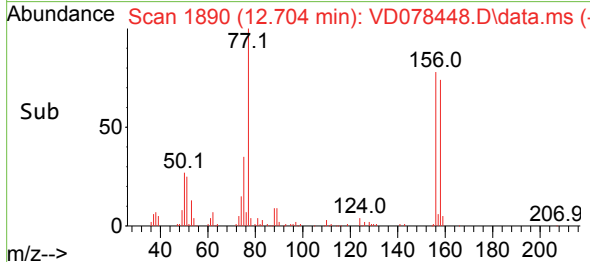
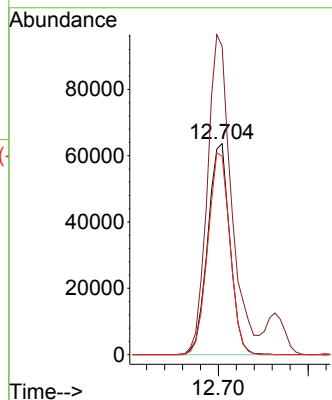
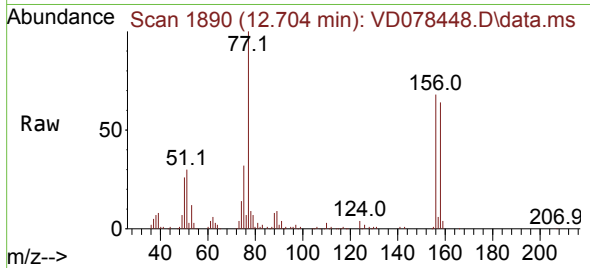




#77
Bromobenzene
Concen: 54.784 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

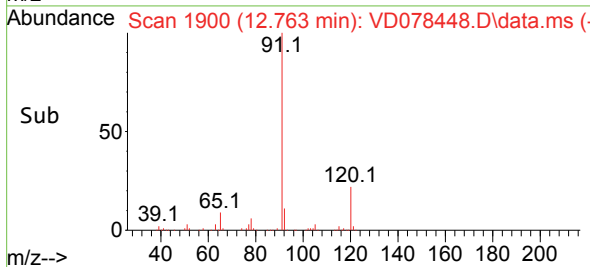
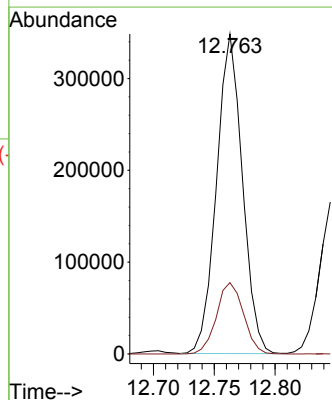
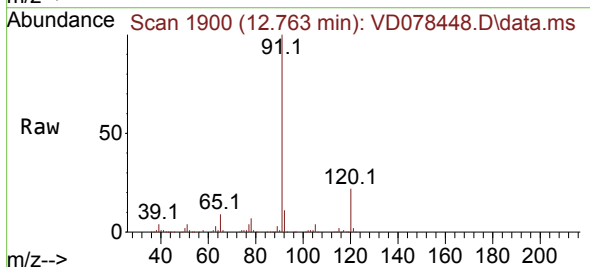
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

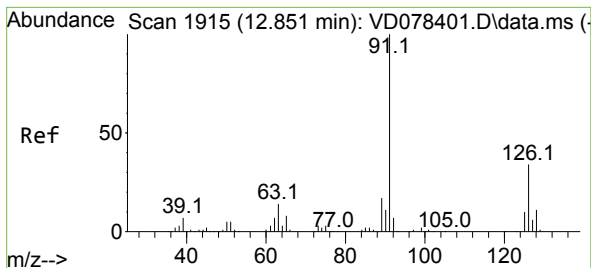
Tgt Ion:156 Resp: 108557
Ion Ratio Lower Upper
156 100
77 165.4 76.8 230.4
158 95.7 48.6 145.9



#78
n-propylbenzene
Concen: 48.895 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 91 Resp: 513758
Ion Ratio Lower Upper
91 100
120 23.3 12.4 37.2





#79

2-Chlorotoluene

Concen: 51.266 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD078448.D

Acq: 15 Feb 2024 20:56

Instrument :

MSVOA_D

ClientSampleId :

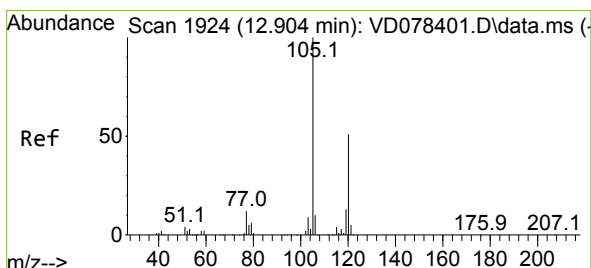
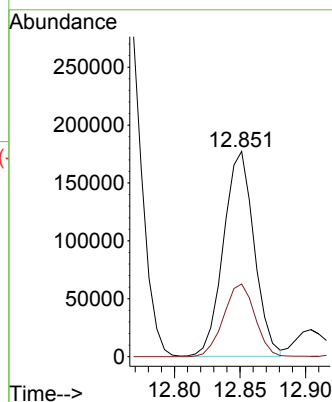
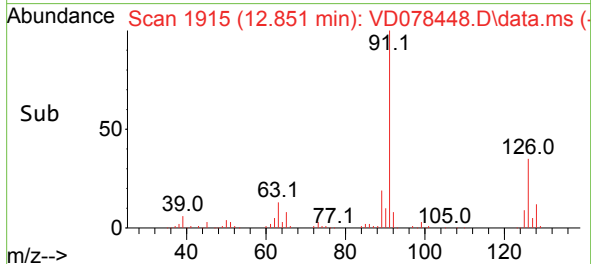
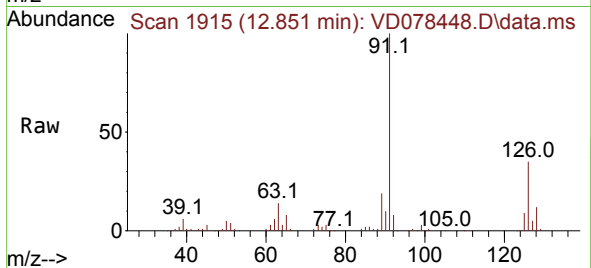
VSTDCCC050EC

Tgt Ion: 91 Resp: 288513

Ion Ratio Lower Upper

91 100

126 36.3 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 51.090 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078448.D

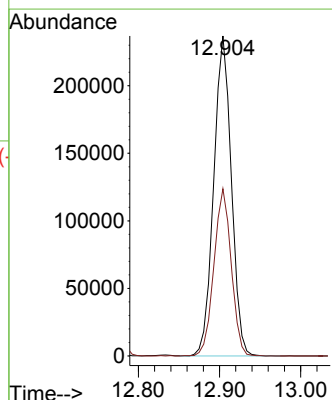
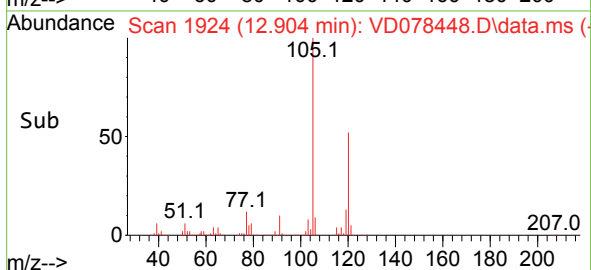
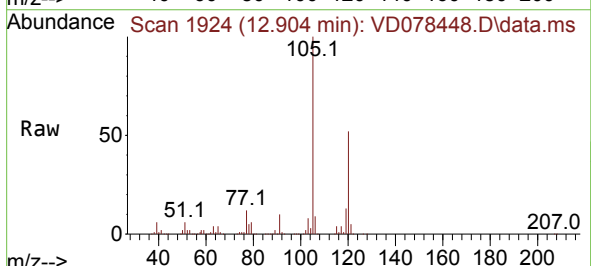
Acq: 15 Feb 2024 20:56

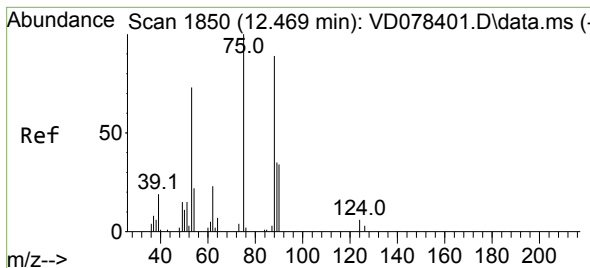
Tgt Ion: 105 Resp: 357699

Ion Ratio Lower Upper

105 100

120 51.2 26.4 79.2

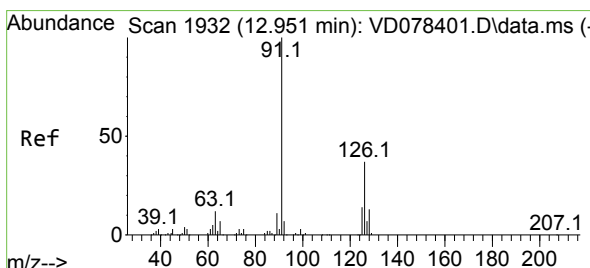
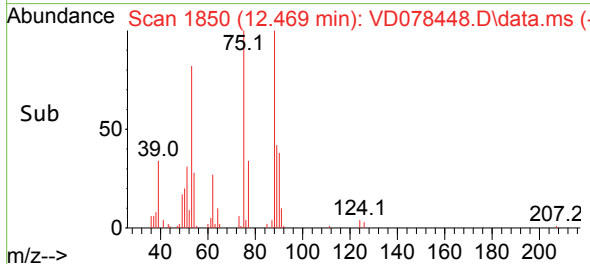
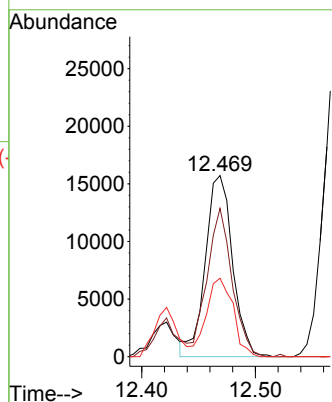
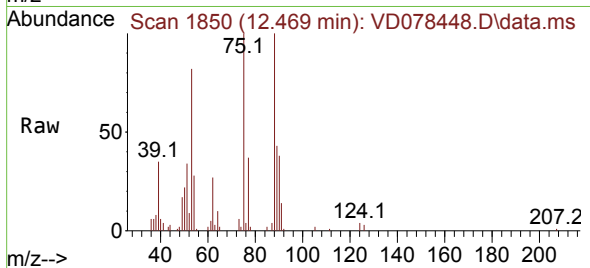




#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.949 ug/l
 RT: 12.469 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VD078448.D
 Acq: 15 Feb 2024 20:56

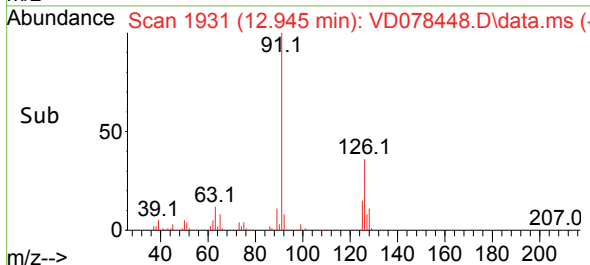
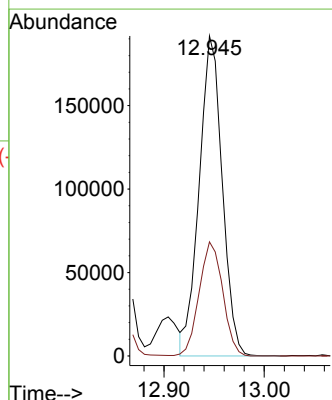
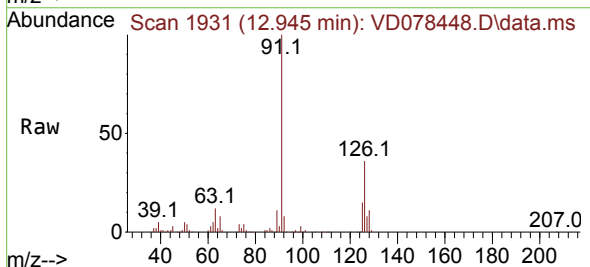
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

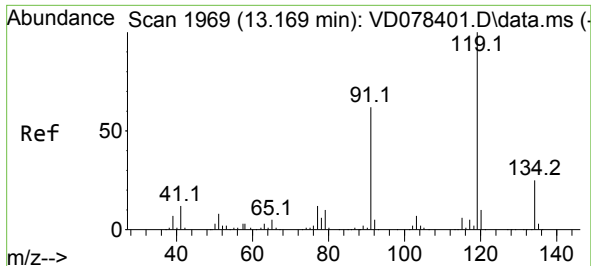
Tgt Ion: 75 Resp: 26162
 Ion Ratio Lower Upper
 75 100
 53 75.9 63.0 94.4
 89 43.0 37.9 56.9



#82
 4-Chlorotoluene
 Concen: 50.718 ug/l
 RT: 12.945 min Scan# 1931
 Delta R.T. -0.006 min
 Lab File: VD078448.D
 Acq: 15 Feb 2024 20:56

Tgt Ion: 91 Resp: 306557
 Ion Ratio Lower Upper
 91 100
 126 36.4 19.4 58.4

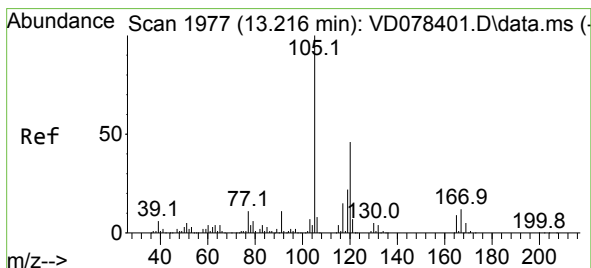
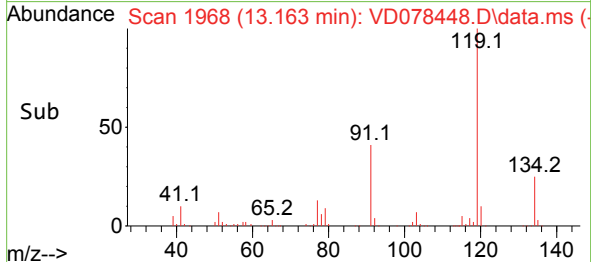
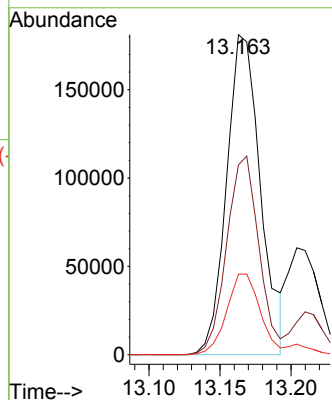
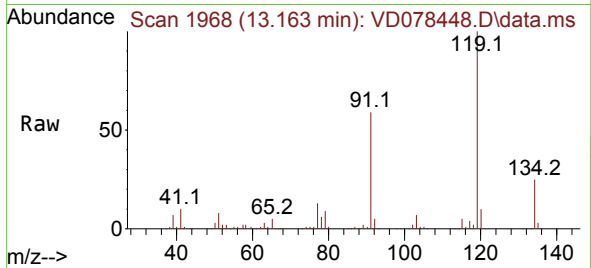




#83
tert-Butylbenzene
Concen: 51.092 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

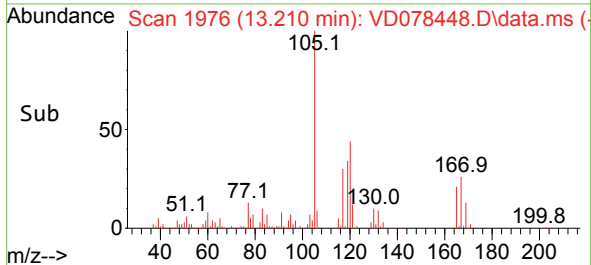
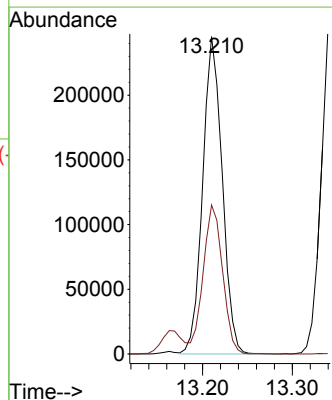
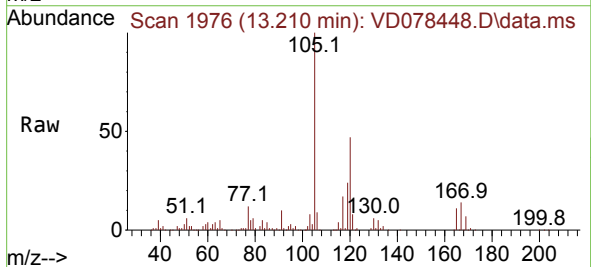
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

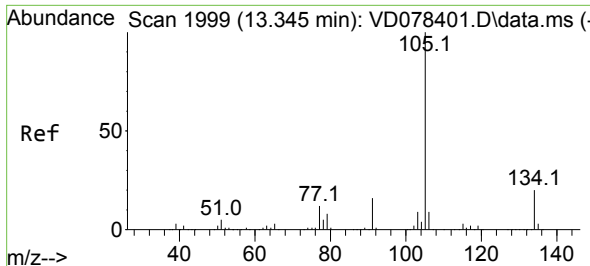
Tgt Ion:119 Resp: 301681
Ion Ratio Lower Upper
119 100
91 59.0 29.3 87.8
134 25.3 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 52.140 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion:105 Resp: 370484
Ion Ratio Lower Upper
105 100
120 46.4 24.3 72.9

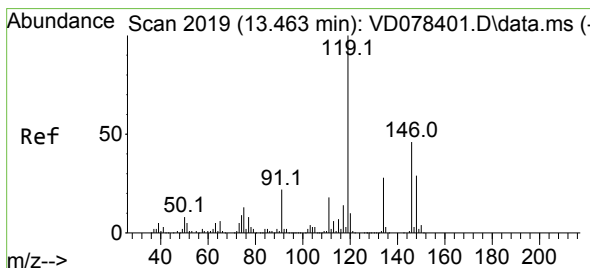
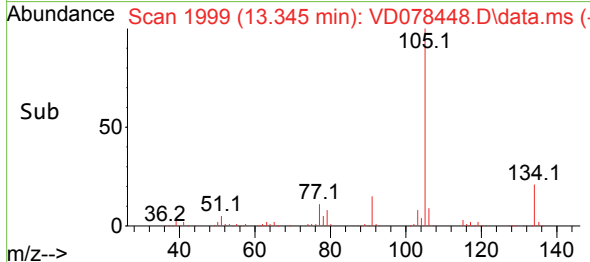
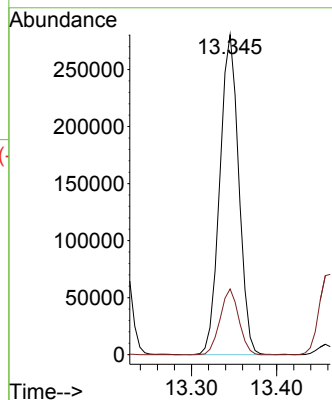
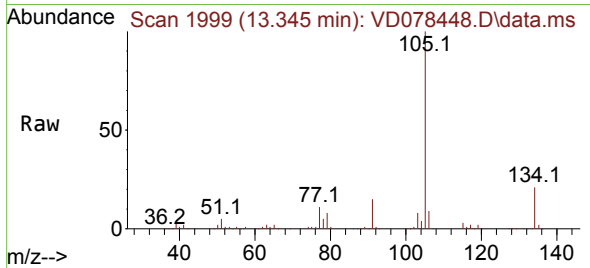




#85
 sec-Butylbenzene
 Concen: 47.290 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078448.D
 Acq: 15 Feb 2024 20:56

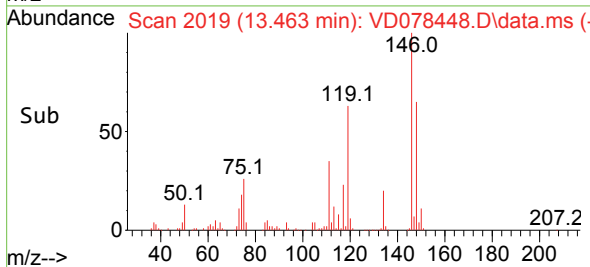
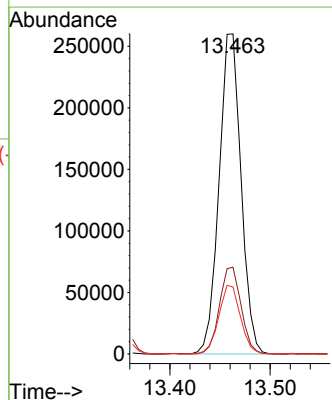
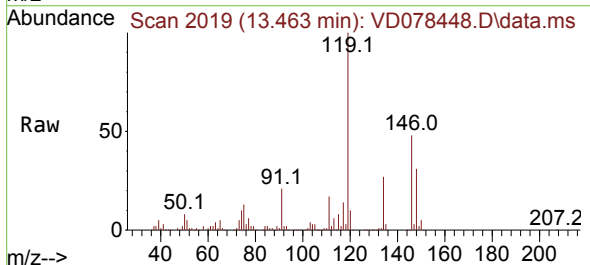
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

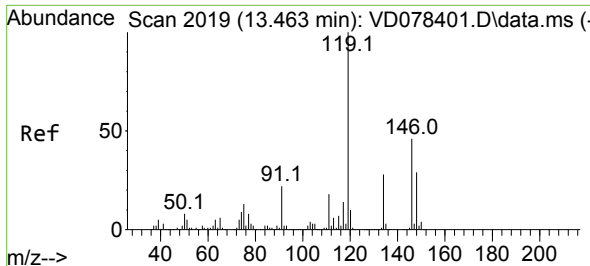
Tgt Ion:105 Resp: 433044
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 50.669 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD078448.D
 Acq: 15 Feb 2024 20:56

Tgt Ion:119 Resp: 395198
 Ion Ratio Lower Upper
 119 100
 134 26.6 14.2 42.6
 91 21.3 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 51.791 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD078448.D

Acq: 15 Feb 2024 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

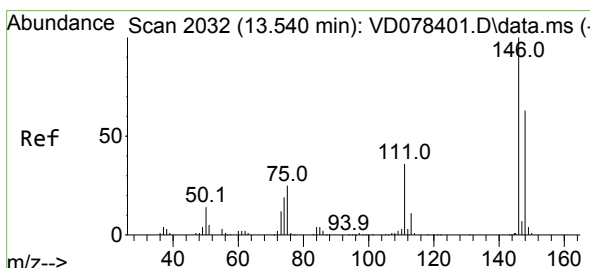
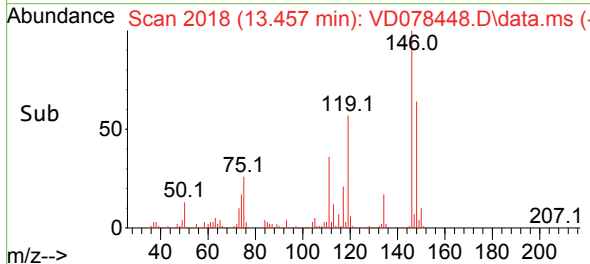
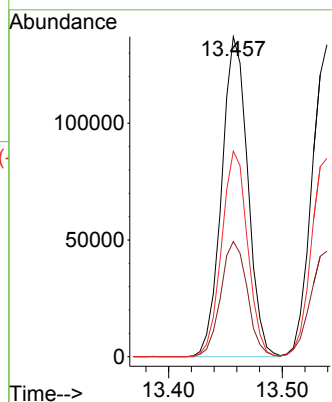
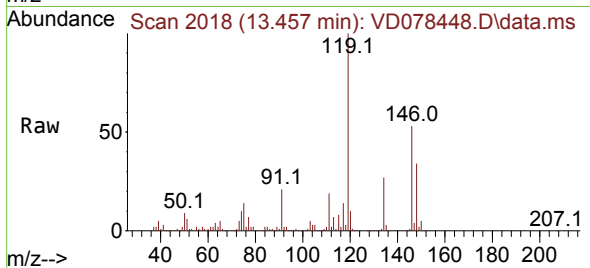
Tgt Ion:146 Resp: 219036

Ion Ratio Lower Upper

146 100

111 36.6 17.9 53.8

148 63.7 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 51.227 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD078448.D

Acq: 15 Feb 2024 20:56

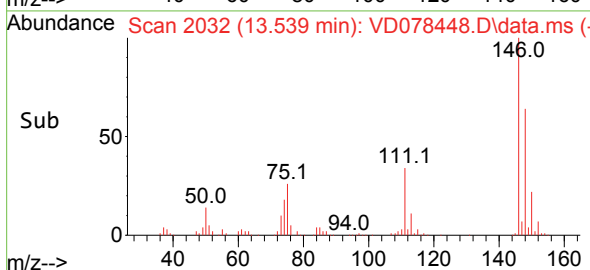
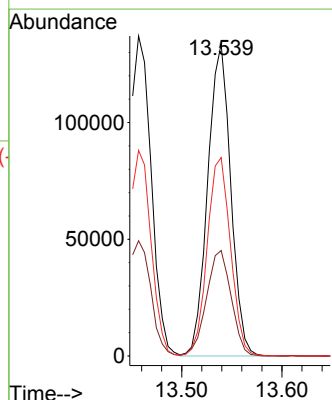
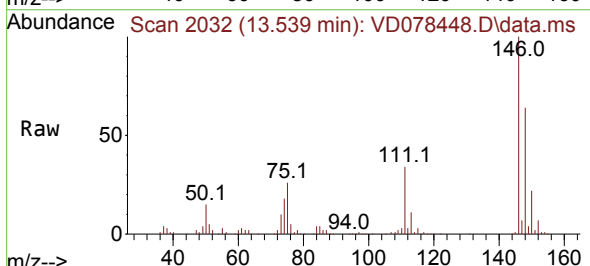
Tgt Ion:146 Resp: 212876

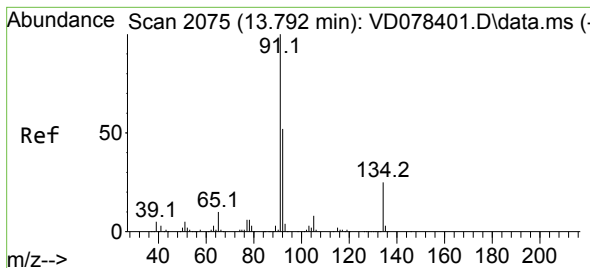
Ion Ratio Lower Upper

146 100

111 36.3 17.4 52.3

148 64.6 31.7 95.1





#89

n-Butylbenzene

Concen: 46.682 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.006 min

Lab File: VD078448.D

Acq: 15 Feb 2024 20:56

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

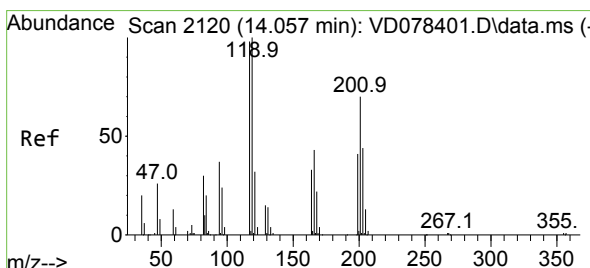
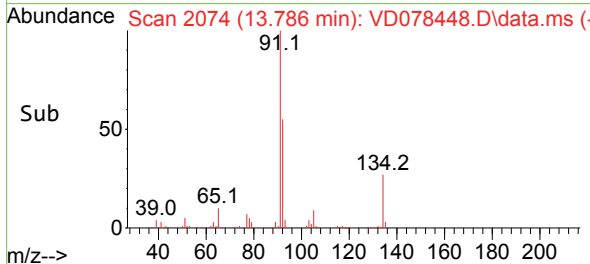
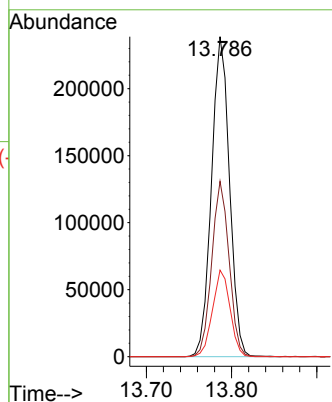
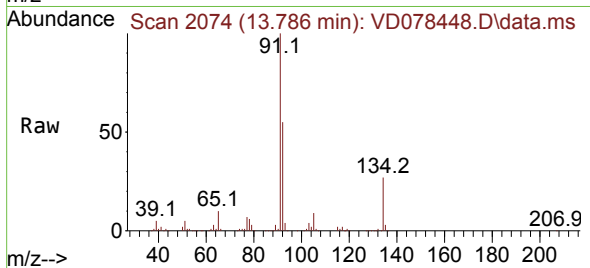
Tgt Ion: 91 Resp: 350938

Ion Ratio Lower Upper

91 100

92 52.8 26.5 79.5

134 26.4 13.8 41.3



#90

Hexachloroethane

Concen: 48.177 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078448.D

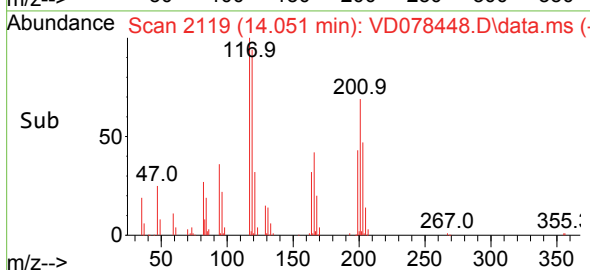
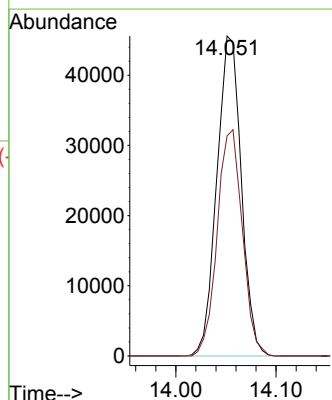
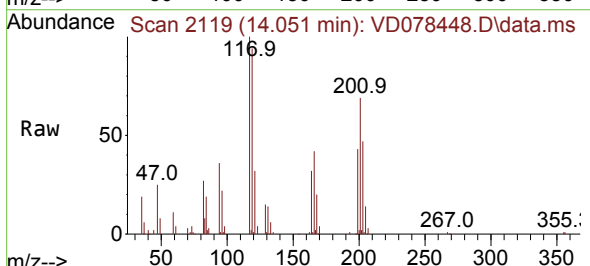
Acq: 15 Feb 2024 20:56

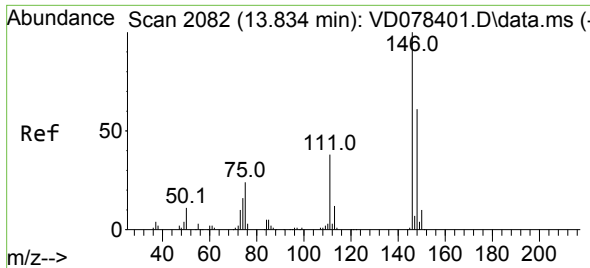
Tgt Ion: 117 Resp: 77231

Ion Ratio Lower Upper

117 100

201 72.7 38.5 115.5

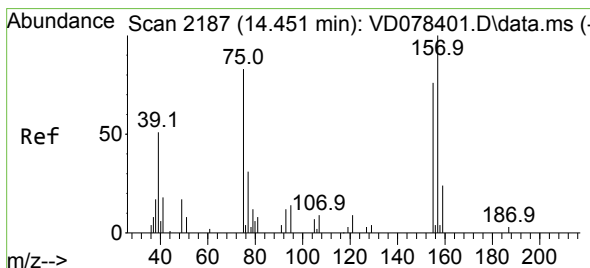
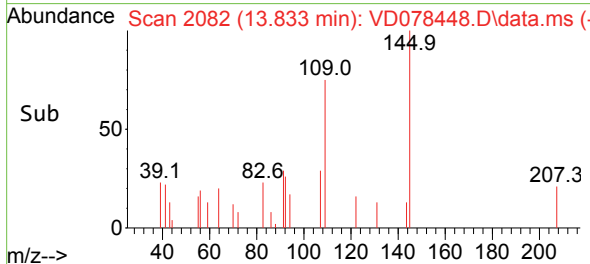
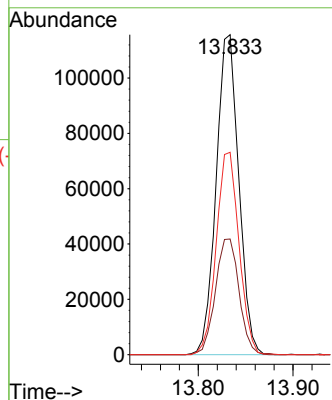
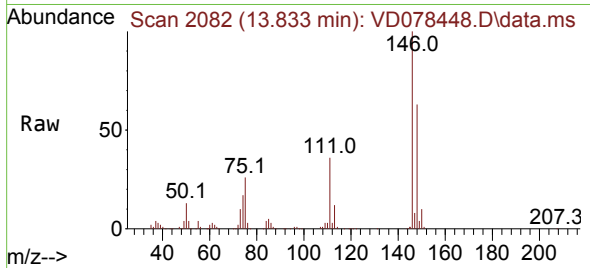




#91
1,2-Dichlorobenzene
Concen: 54.101 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

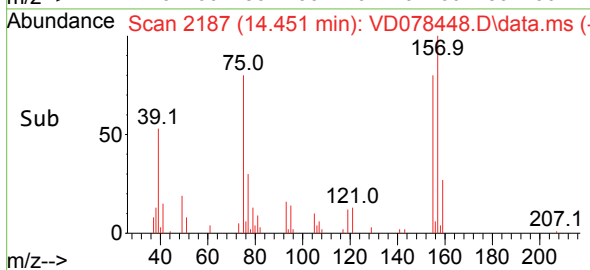
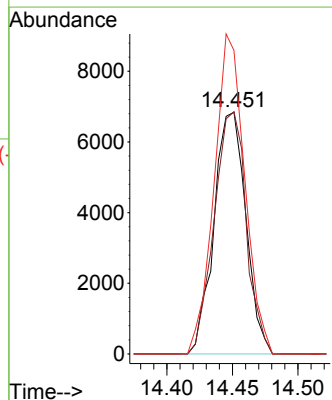
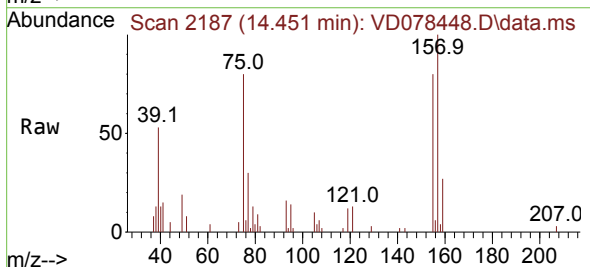
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

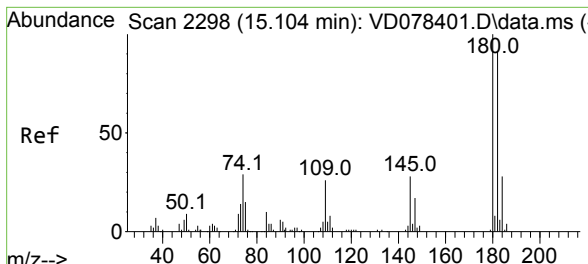
Tgt Ion:146 Resp: 192135
Ion Ratio Lower Upper
146 100
111 37.8 18.3 54.8
148 63.7 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.881 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion: 75 Resp: 11581
Ion Ratio Lower Upper
75 100
155 100.6 47.9 143.8
157 126.6 59.9 179.7

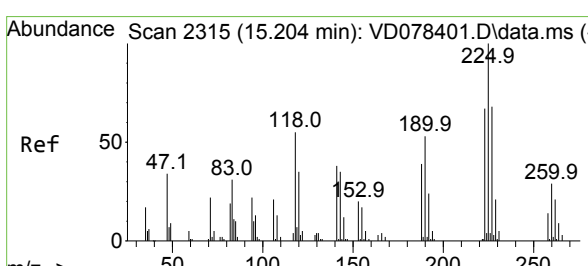
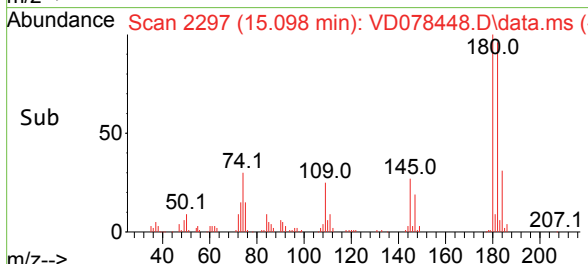
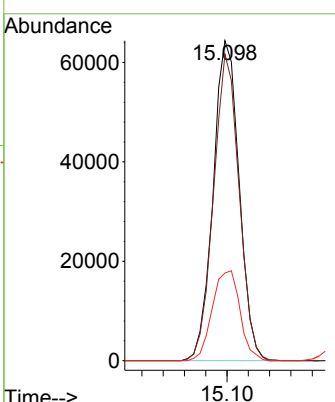
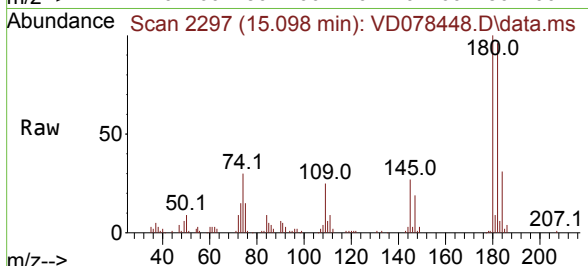




#93
 1,2,4-Trichlorobenzene
 Concen: 52.037 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078448.D
 Acq: 15 Feb 2024 20:56

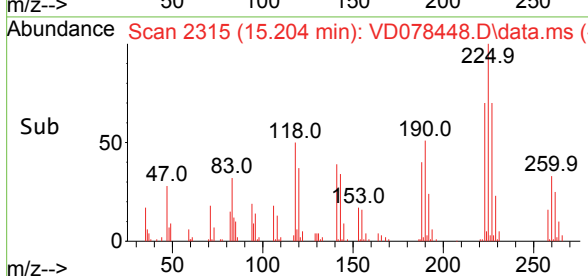
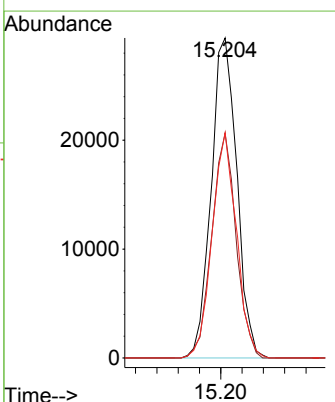
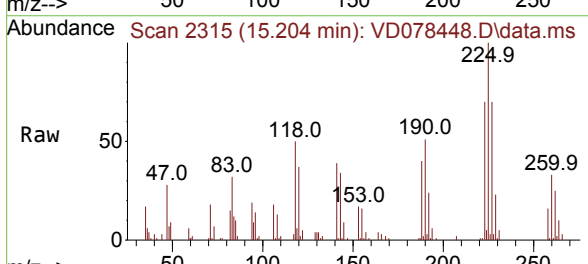
Instrument : MSVOA_D
 ClientSampleId : VSTDCCC050EC

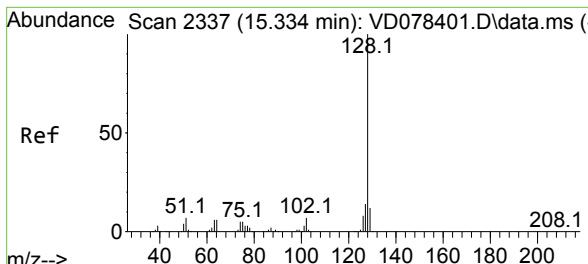
Tgt Ion:	180	Resp:	108611
Ion Ratio	Lower	Upper	
180	100		
182	94.6	48.5	145.6
145	30.0	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 45.037 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. -0.000 min
 Lab File: VD078448.D
 Acq: 15 Feb 2024 20:56

Tgt Ion:	225	Resp:	49065
Ion Ratio	Lower	Upper	
225	100		
223	66.6	31.6	94.8
227	66.8	31.7	95.1

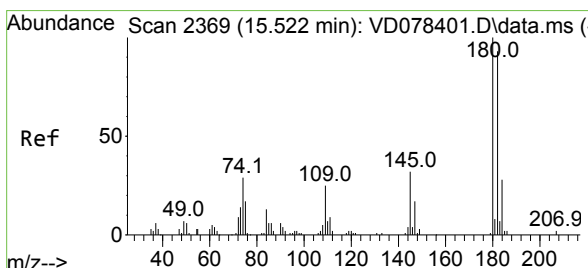
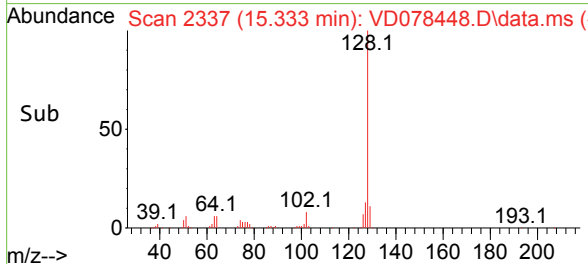
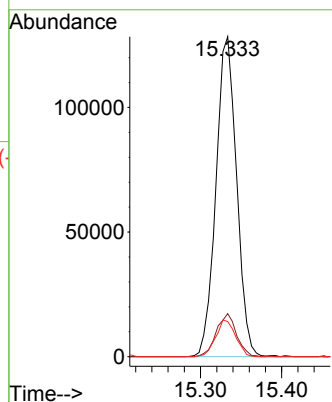
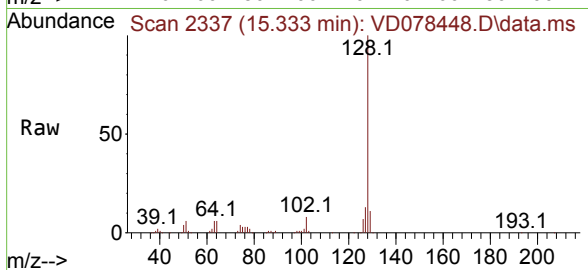




#95
Naphthalene
Concen: 58.694 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 227218
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 56.282 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078448.D
Acq: 15 Feb 2024 20:56

Tgt Ion:180 Resp: 99557
Ion Ratio Lower Upper
180 100
182 95.9 47.3 141.9
145 30.5 15.1 45.3

