

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078543.D
 Acq On : 23 Feb 2024 18:34
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 24 00:26:17 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	117972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	201122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	191035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105357	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65070	51.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.020%	
35) Dibromofluoromethane	7.805	113	70503	55.185	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.380%	
50) Toluene-d8	10.269	98	271442	53.114	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.220%	
62) 4-Bromofluorobenzene	12.575	95	85702	57.626	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.260%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	63006	54.205	ug/l	97
3) Chloromethane	2.146	50	126028	58.998	ug/l	98
4) Vinyl Chloride	2.275	62	195486	59.972	ug/l	97
5) Bromomethane	2.681	94	119436	53.084	ug/l	100
6) Chloroethane	2.828	64	138525	58.280	ug/l	99
7) Trichlorofluoromethane	3.169	101	114234	51.952	ug/l	100
8) Diethyl Ether	3.593	74	35871	56.638	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.964	101	71307	51.405	ug/l	97
10) Methyl Iodide	4.152	142	70091	56.415	ug/l	92
11) Tert butyl alcohol	5.075	59	20324	294.995	ug/l #	94
12) 1,1-Dichloroethene	3.934	96	67789	52.711	ug/l	87
13) Acrolein	3.799	56	17411	147.750	ug/l	99
14) Allyl chloride	4.558	41	79386	49.968	ug/l	91
15) Acrylonitrile	5.252	53	79574	293.497	ug/l	97
16) Acetone	4.028	43	64411	264.284	ug/l	89
17) Carbon Disulfide	4.264	76	196995	45.522	ug/l	97
18) Methyl Acetate	4.569	43	66960	70.098	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	165522	60.578	ug/l	97
20) Methylene Chloride	4.799	84	88516	62.000	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	80461	53.183	ug/l	95
22) Diisopropyl ether	6.216	45	196158	56.018	ug/l	97
23) Vinyl Acetate	6.158	43	378922	264.858	ug/l	96
24) 1,1-Dichloroethane	6.110	63	134530	54.232	ug/l	95
25) 2-Butanone	7.087	43	93776	292.858	ug/l	95
26) 2,2-Dichloropropane	7.075	77	107360	51.627	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	91790	55.298	ug/l	96
28) Bromochloromethane	7.422	49	43246	44.015	ug/l	93
29) Tetrahydrofuran	7.446	42	58802	309.978	ug/l	92
30) Chloroform	7.599	83	147778	56.305	ug/l	98
31) Cyclohexane	7.875	56	101285	46.940	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	122898	54.921	ug/l	99
36) 1,1-Dichloropropene	8.010	75	106229	53.525	ug/l	96
37) Ethyl Acetate	7.169	43	38565	55.432	ug/l	99
38) Carbon Tetrachloride	7.993	117	109312	55.616	ug/l	98
39) Methylcyclohexane	9.269	83	125102	53.096	ug/l	95
40) Benzene	8.252	78	326518	56.919	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078543.D
 Acq On : 23 Feb 2024 18:34
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 24 00:26:17 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)
41) Methacrylonitrile	7.399	41	20732	57.259	ug/l #	88
42) 1,2-Dichloroethane	8.322	62	85242	57.428	ug/l	95
43) Isopropyl Acetate	8.363	43	75508	58.611	ug/l	98
44) Trichloroethene	9.028	130	83529	57.075	ug/l	98
45) 1,2-Dichloropropane	9.304	63	81735	58.071	ug/l	100
46) Dibromomethane	9.393	93	47885	60.486	ug/l	92
47) Bromodichloromethane	9.587	83	117907	60.130	ug/l	96
48) Methyl methacrylate	9.381	41	45955	67.236	ug/l	87
49) 1,4-Dioxane	9.387	88	11635	1357.090	ug/l #	92
51) 4-Methyl-2-Pentanone	10.157	43	216468	316.585	ug/l	95
52) Toluene	10.334	92	213410	58.828	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	105847	59.159	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	127974	58.986	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	67837	63.629	ug/l	90
56) Ethyl methacrylate	10.598	69	55518	56.305	ug/l	93
57) 1,3-Dichloropropane	10.875	76	108624	59.895	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	177367	305.379	ug/l	98
59) 2-Hexanone	10.922	43	154685	301.029	ug/l	94
60) Dibromochloromethane	11.075	129	83140	64.814	ug/l	97
61) 1,2-Dibromoethane	11.181	107	65428	65.369	ug/l	100
64) Tetrachloroethene	10.810	164	70776	58.656	ug/l	97
65) Chlorobenzene	11.610	112	230528	60.025	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	87183	61.771	ug/l	98
67) Ethyl Benzene	11.681	91	407866	59.272	ug/l	97
68) m/p-Xylenes	11.793	106	324736	120.982	ug/l	94
69) o-Xylene	12.122	106	148719	60.715	ug/l	95
70) Styrene	12.134	104	235000	58.784	ug/l	98
71) Bromoform	12.298	173	49408	66.509	ug/l #	100
73) Isopropylbenzene	12.422	105	393078	55.562	ug/l	96
74) N-amyl acetate	12.234	43	73011	54.551	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	81094	57.785	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	93640	104.690	ug/l #	100
77) Bromobenzene	12.698	156	99131	59.623	ug/l	96
78) n-propylbenzene	12.763	91	475789	53.967	ug/l	97
79) 2-Chlorotoluene	12.851	91	256911	54.407	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	329965	56.169	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	23612	54.804	ug/l	99
82) 4-Chlorotoluene	12.945	91	276293	54.479	ug/l	96
83) tert-Butylbenzene	13.169	119	287181	57.966	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	338372	56.755	ug/l	97
85) sec-Butylbenzene	13.345	105	425898	55.431	ug/l	96
86) p-Isopropyltoluene	13.463	119	377245	57.645	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	202503	57.066	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	197067	56.519	ug/l	97
89) n-Butylbenzene	13.787	91	348790	55.295	ug/l	98
90) Hexachloroethane	14.051	117	72655	54.016	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	175947	59.045	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9980	54.311	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	107701	61.499	ug/l	96
94) Hexachlorobutadiene	15.204	225	56100	61.372	ug/l	97
95) Naphthalene	15.334	128	211867	65.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	95175	64.125	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
Data File : VD078543.D
Acq On : 23 Feb 2024 18:34
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Quant Time: Feb 24 00:26:17 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

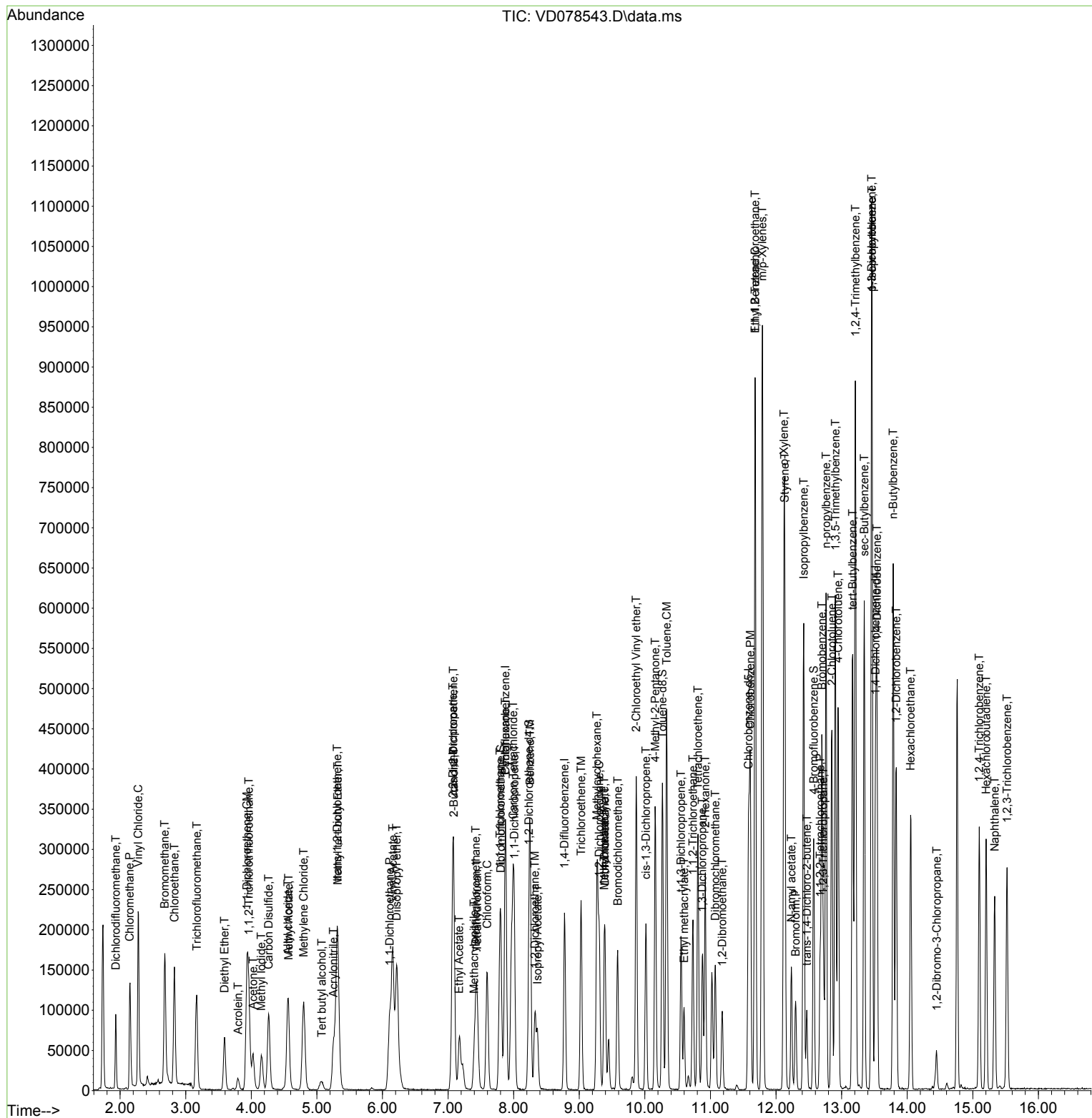
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

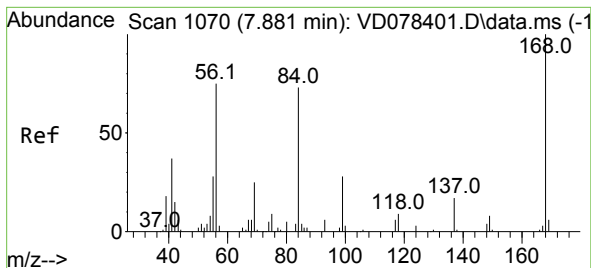
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078543.D
 Acq On : 23 Feb 2024 18:34
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 24 00:26:17 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

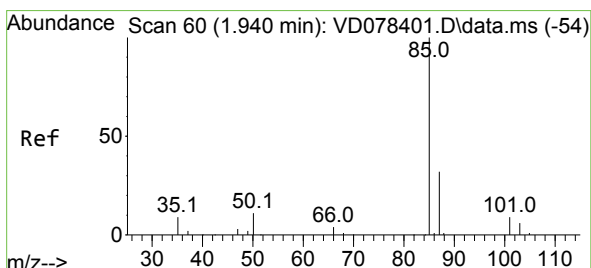
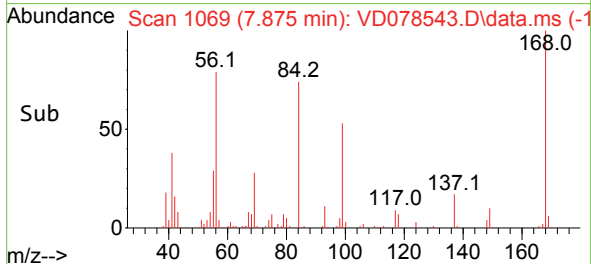
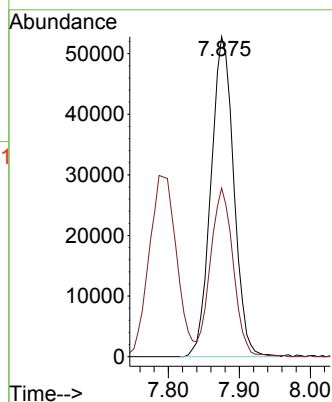
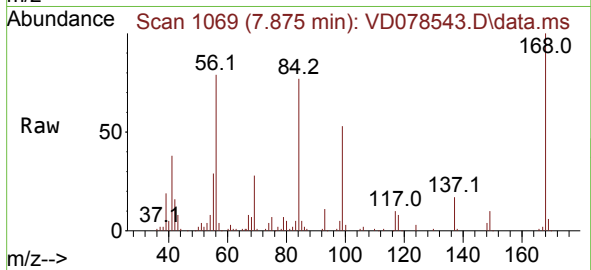




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

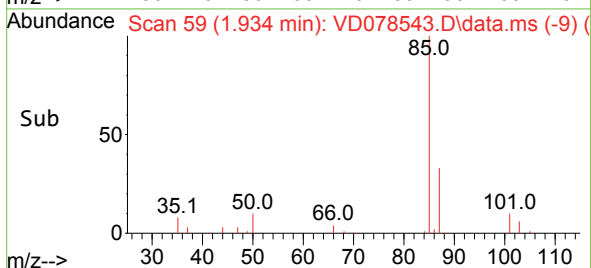
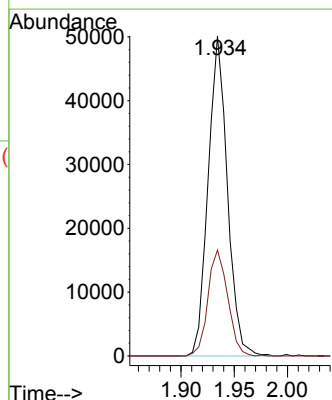
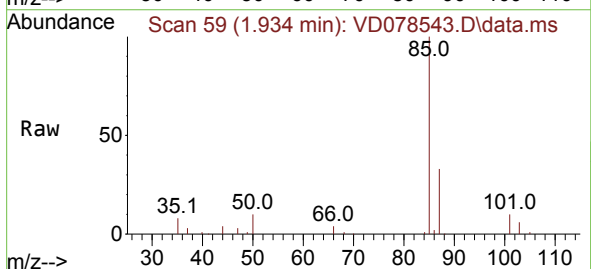
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

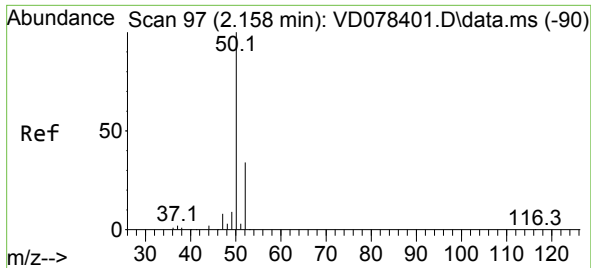
Tgt Ion:168 Resp: 117972
Ion Ratio Lower Upper
168 100
99 52.3 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 54.205 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 85 Resp: 63006
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.0

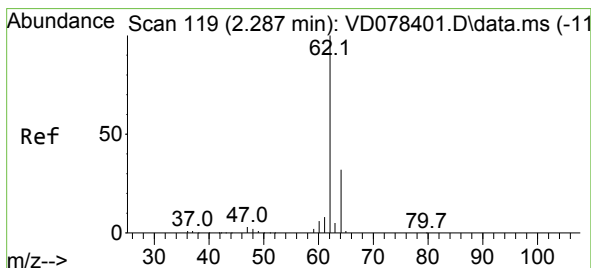
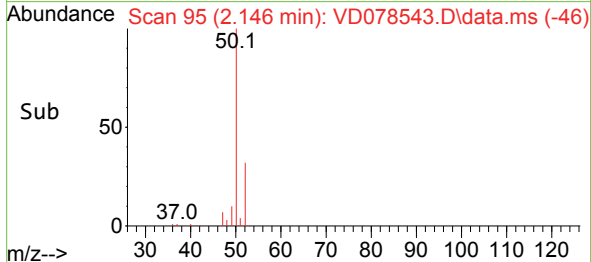
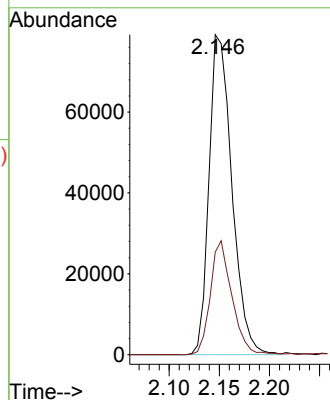
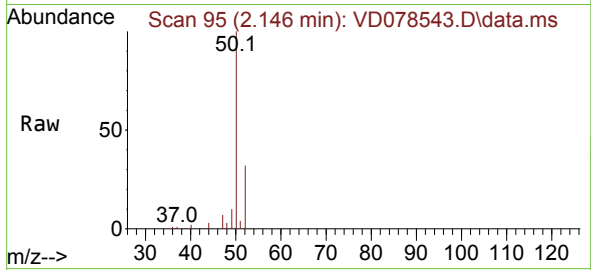




#3
Chloromethane
Concen: 58.998 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

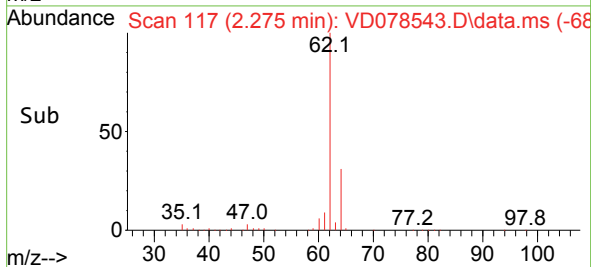
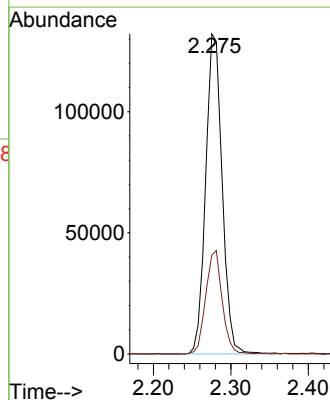
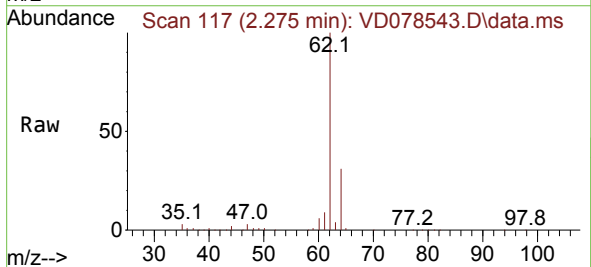
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

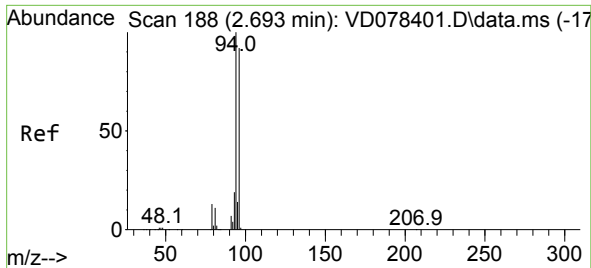
Tgt Ion: 50 Resp: 126028
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0



#4
Vinyl Chloride
Concen: 59.972 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.012 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 62 Resp: 195486
Ion Ratio Lower Upper
62 100
64 30.9 26.0 39.0

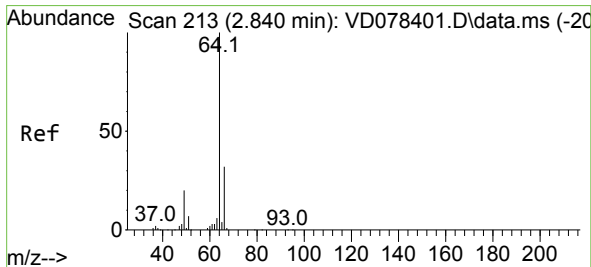
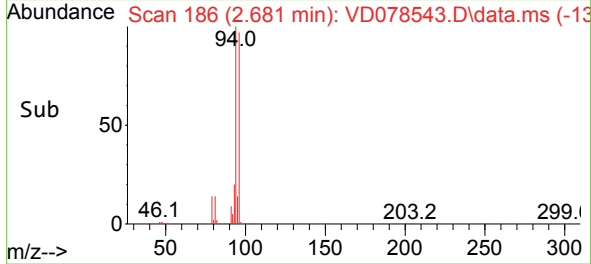
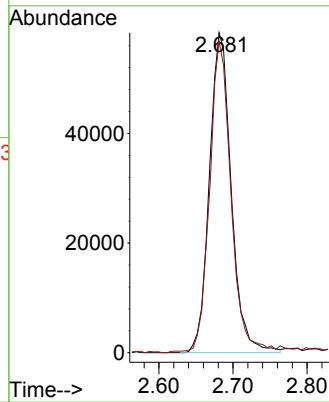
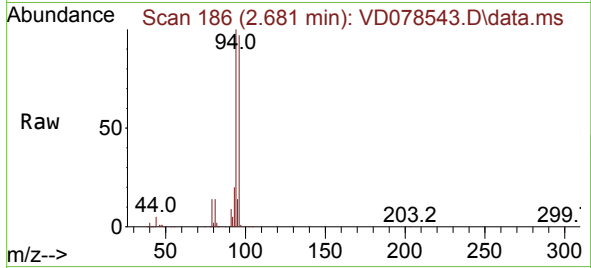




#5
Bromomethane
Concen: 53.084 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

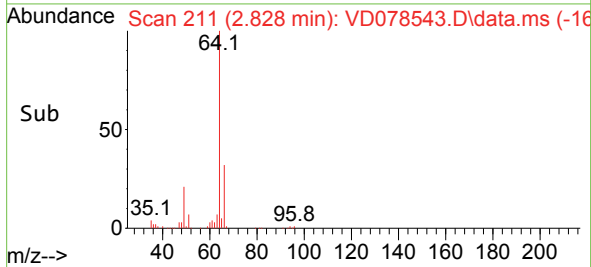
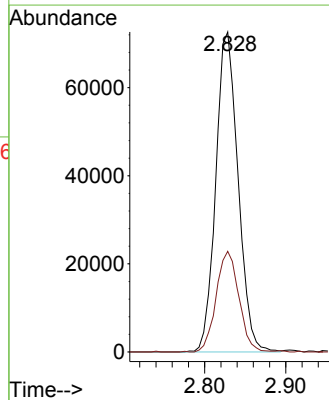
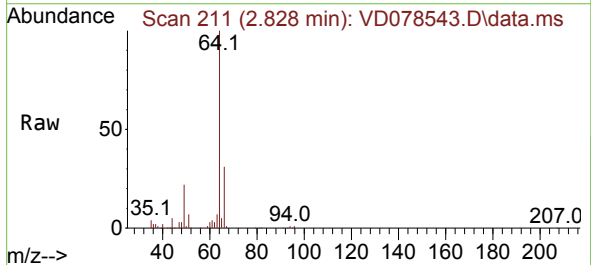
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

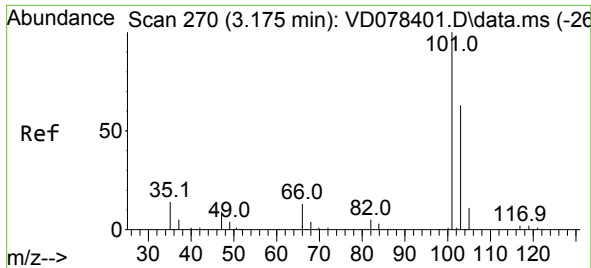
Tgt Ion: 94 Resp: 119436
Ion Ratio Lower Upper
94 100
96 95.2 75.8 113.8



#6
Chloroethane
Concen: 58.280 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 64 Resp: 138525
Ion Ratio Lower Upper
64 100
66 31.5 25.5 38.3

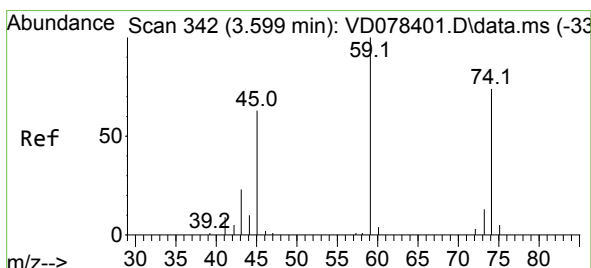
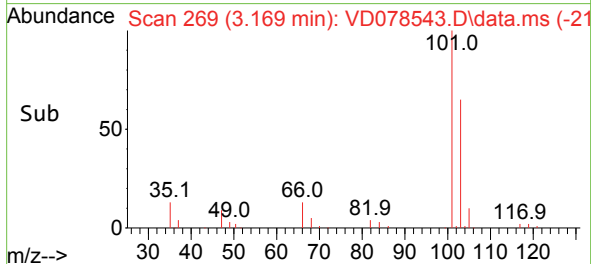
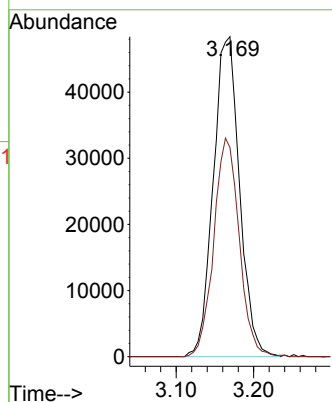
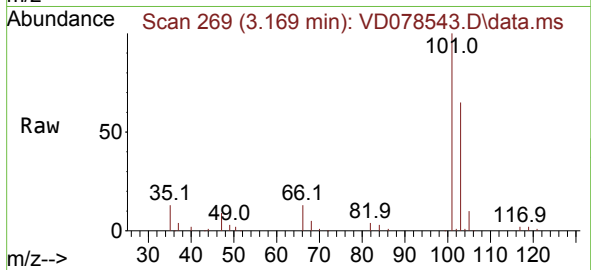




#7
 Trichlorofluoromethane
 Concen: 51.952 ug/l
 RT: 3.169 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VD078543.D
 Acq: 23 Feb 2024 18:34

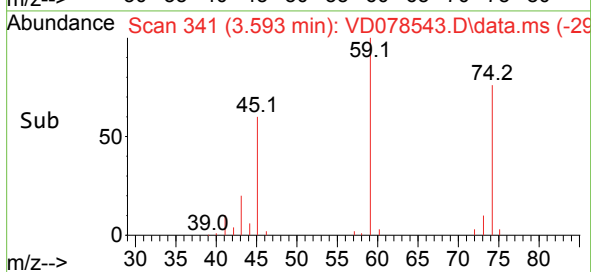
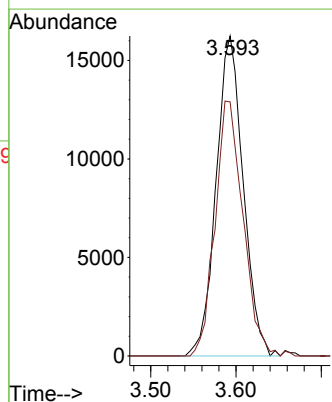
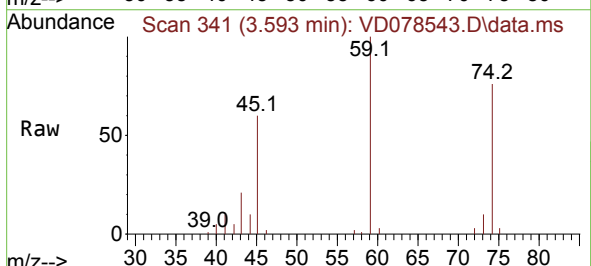
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

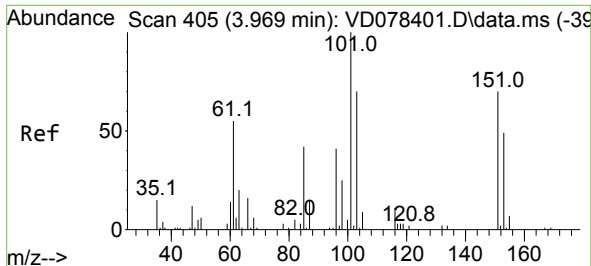
Tgt Ion:101 Resp: 114234
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 56.638 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078543.D
 Acq: 23 Feb 2024 18:34

Tgt Ion: 74 Resp: 35871
 Ion Ratio Lower Upper
 74 100
 45 82.1 37.5 112.7

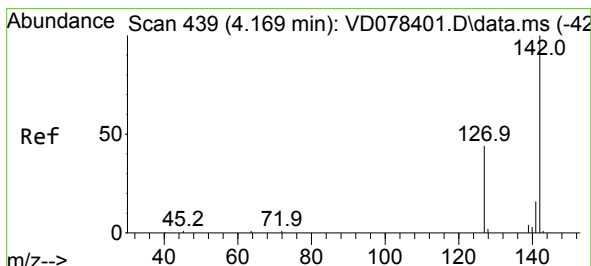
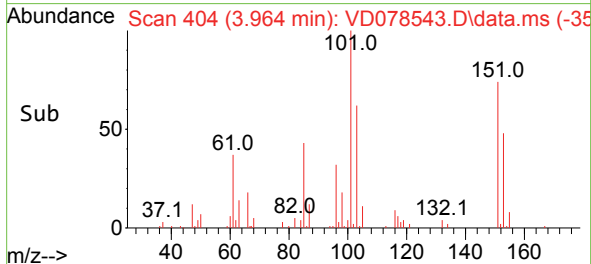
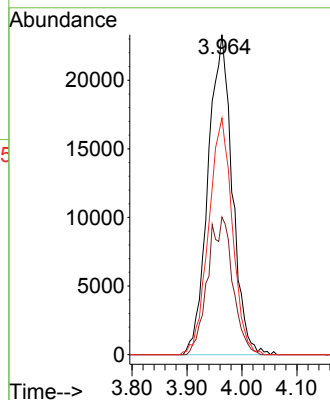
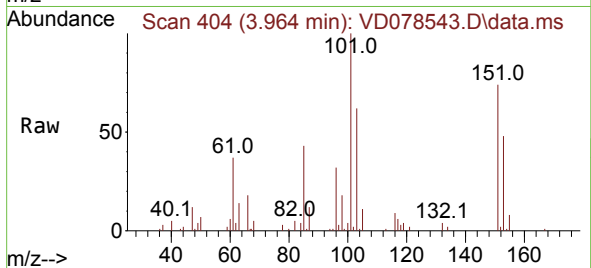




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.405 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

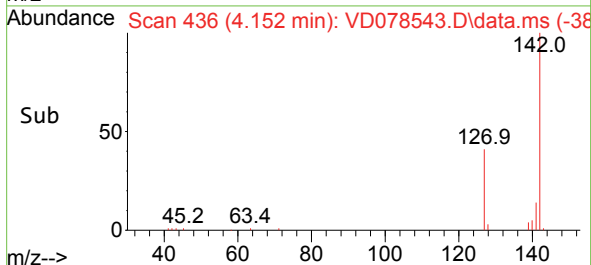
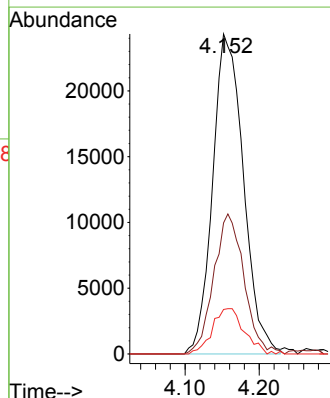
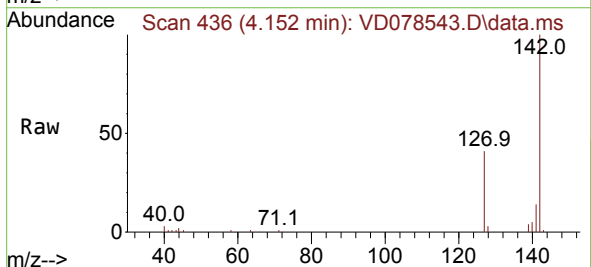
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

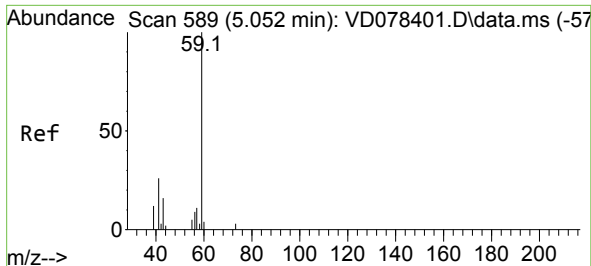
Tgt Ion:101 Resp: 71307
Ion Ratio Lower Upper
101 100
85 44.4 33.8 50.6
151 72.5 59.8 89.6



#10
Methyl Iodide
Concen: 56.415 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.018 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion:142 Resp: 70091
Ion Ratio Lower Upper
142 100
127 43.0 29.4 44.0
141 14.8 11.1 16.7





#11

Tert butyl alcohol

Concen: 294.995 ug/l

RT: 5.075 min Scan# 51

Delta R.T. 0.023 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

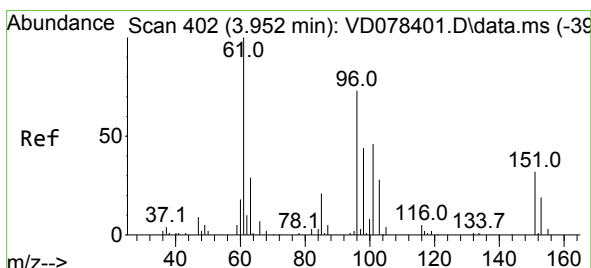
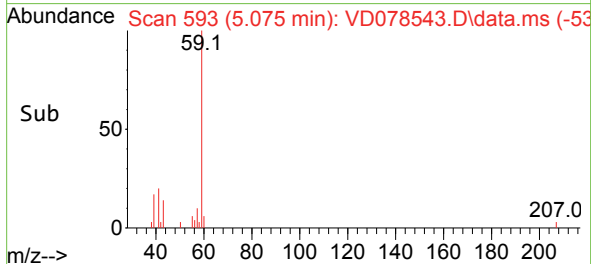
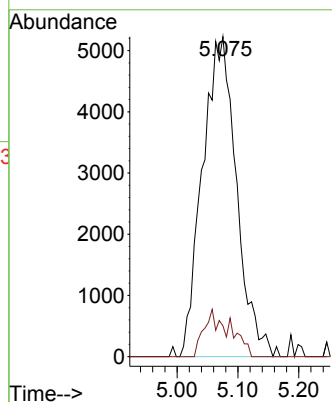
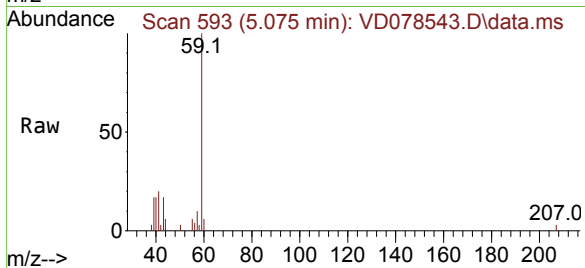
VSTDCCC050EC

Tgt Ion: 59 Resp: 20324

Ion Ratio Lower Upper

59 100

57 7.5 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 52.711 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.018 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

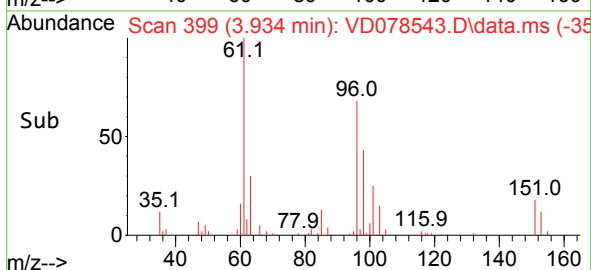
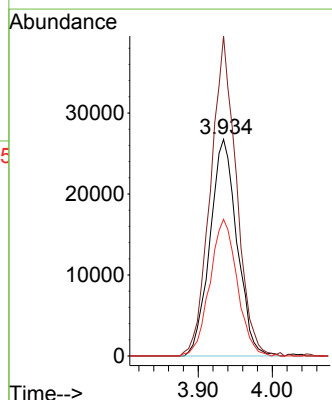
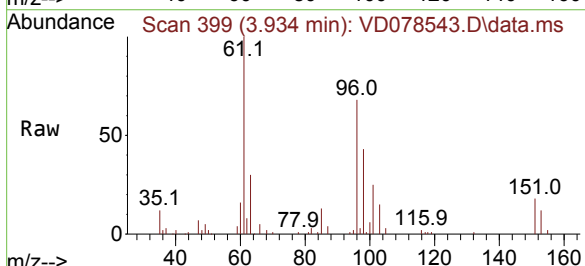
Tgt Ion: 96 Resp: 67789

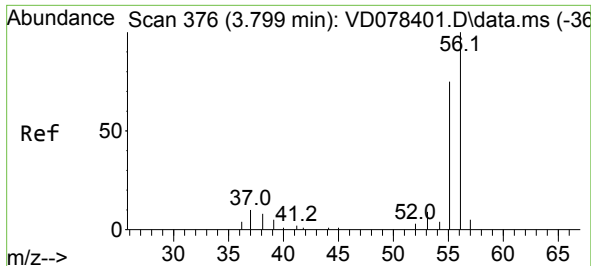
Ion Ratio Lower Upper

96 100

61 147.7 100.6 150.8

98 63.1 50.2 75.2

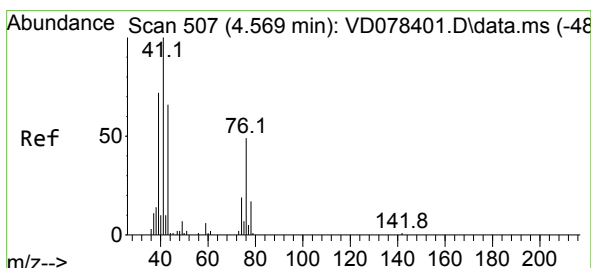
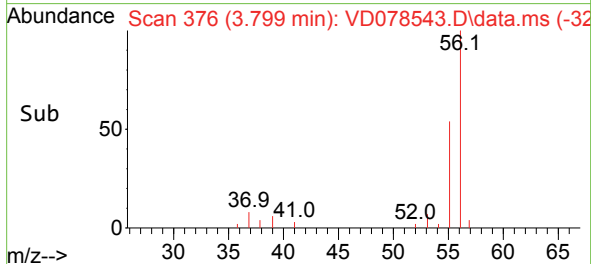
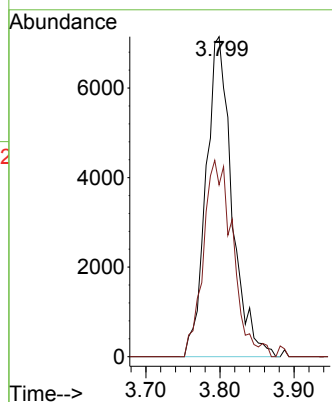
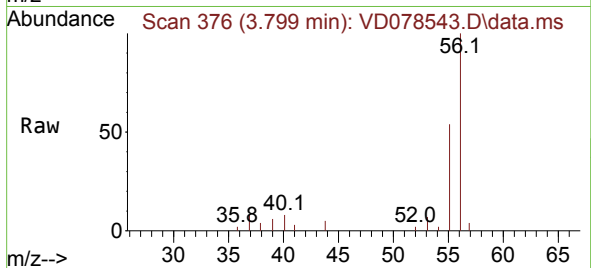




#13
Acrolein
Concen: 147.750 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

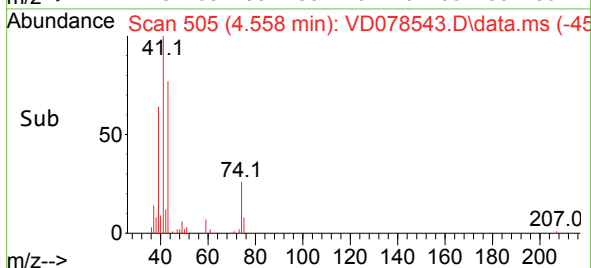
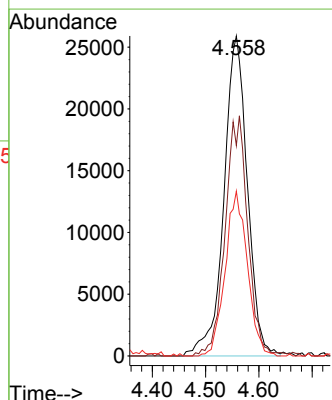
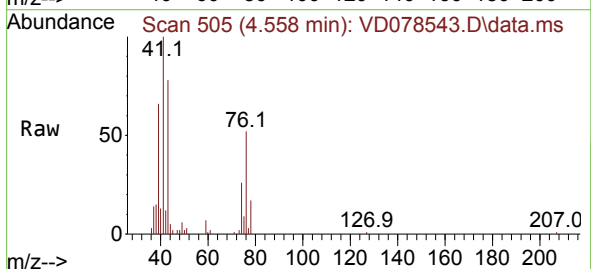
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

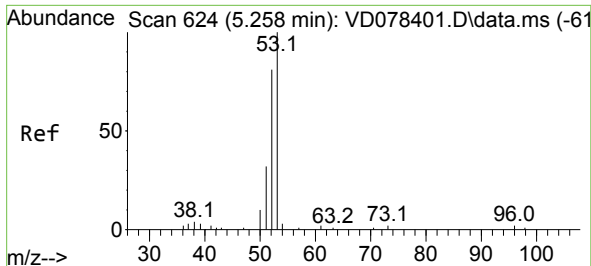
Tgt Ion: 56 Resp: 17411
Ion Ratio Lower Upper
56 100
55 69.6 55.1 82.7



#14
Allyl chloride
Concen: 49.968 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 41 Resp: 79386
Ion Ratio Lower Upper
41 100
39 72.3 53.8 80.6
76 48.7 45.8 68.8





#15

Acrylonitrile

Concen: 293.497 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

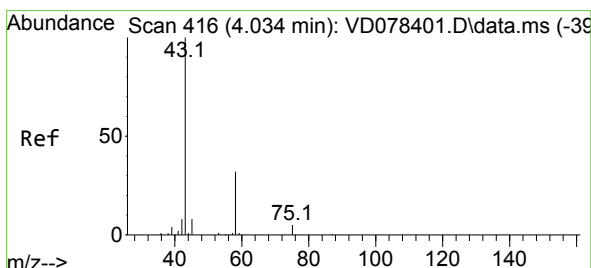
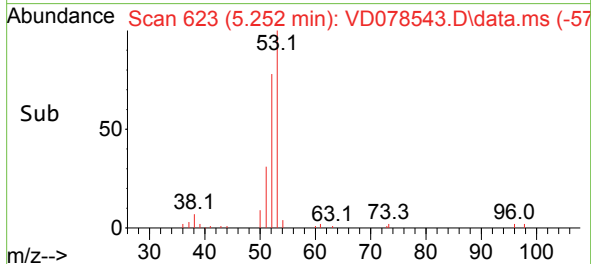
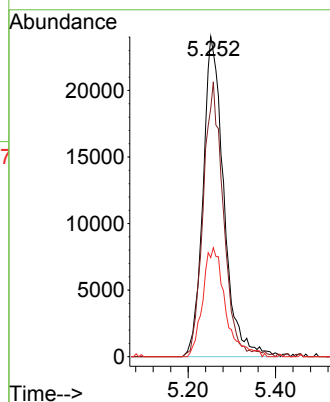
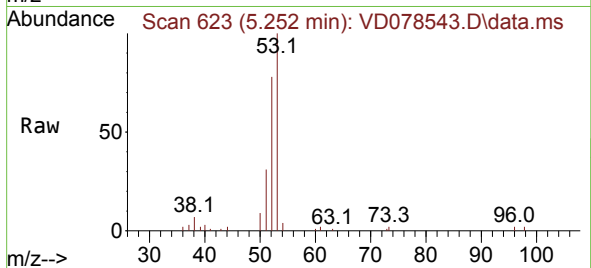
Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53	Resp: 79574
Ion Ratio	Lower Upper
53 100	
52 83.4	65.0 97.4
51 37.1	28.3 42.5



#16

Acetone

Concen: 264.284 ug/l

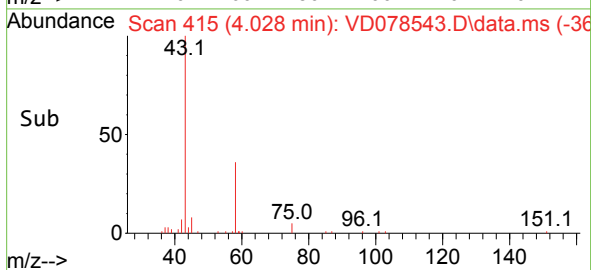
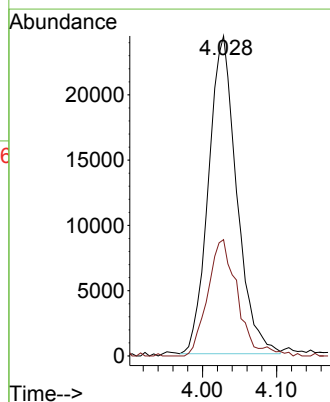
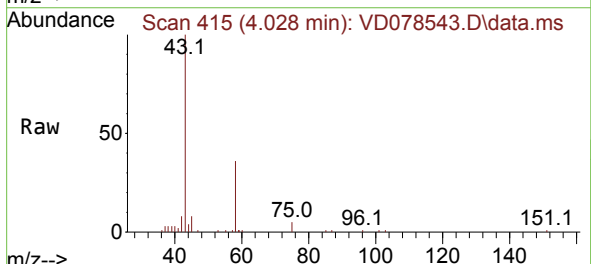
RT: 4.028 min Scan# 415

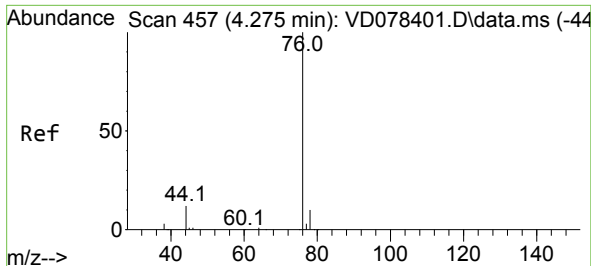
Delta R.T. -0.006 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

Tgt Ion: 43	Resp: 64411
Ion Ratio	Lower Upper
43 100	
58 36.6	34.7 52.1





#17

Carbon Disulfide

Concen: 45.522 ug/l

RT: 4.264 min Scan# 4

Delta R.T. -0.012 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

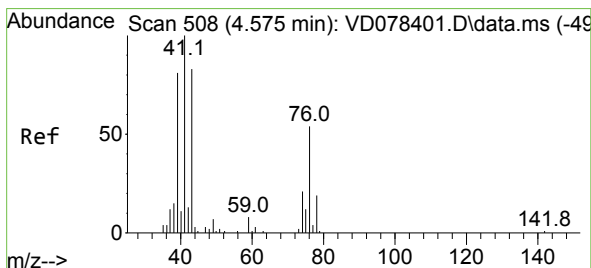
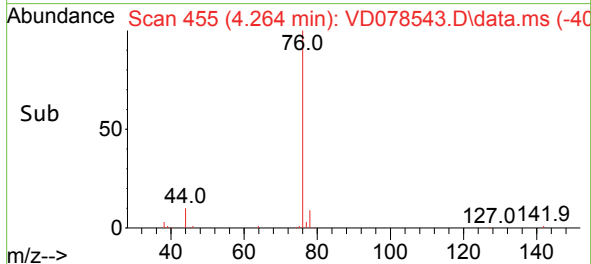
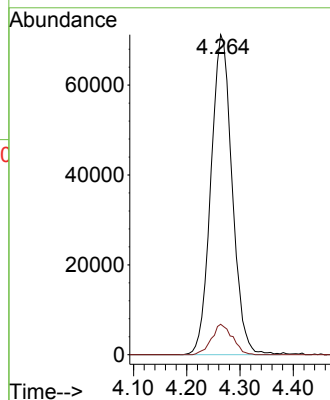
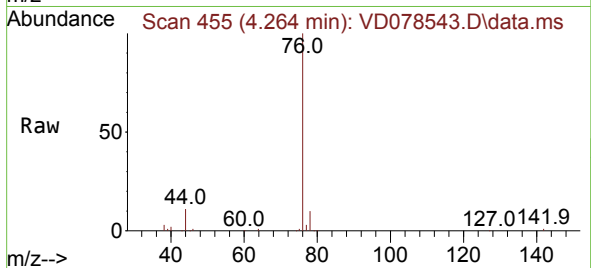
VSTDCCC050EC

Tgt Ion: 76 Resp: 196995

Ion Ratio Lower Upper

76 100

78 9.5 6.8 10.2



#18

Methyl Acetate

Concen: 70.098 ug/l

RT: 4.569 min Scan# 507

Delta R.T. -0.006 min

Lab File: VD078543.D

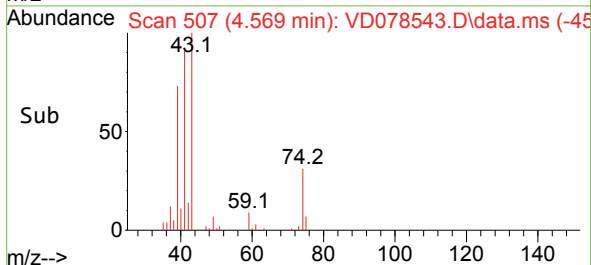
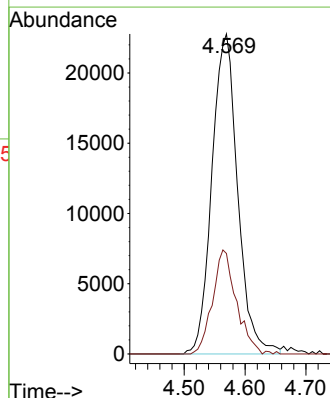
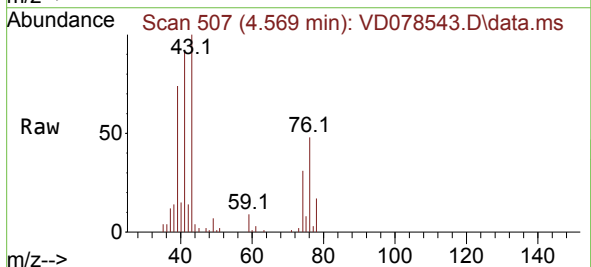
Acq: 23 Feb 2024 18:34

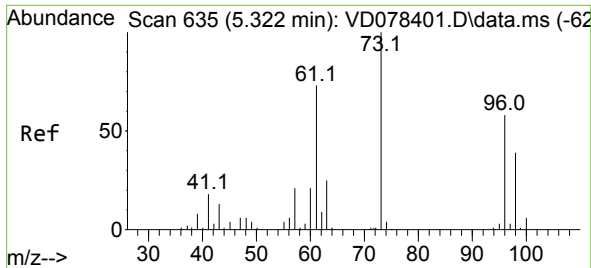
Tgt Ion: 43 Resp: 66960

Ion Ratio Lower Upper

43 100

74 30.3 26.4 39.6

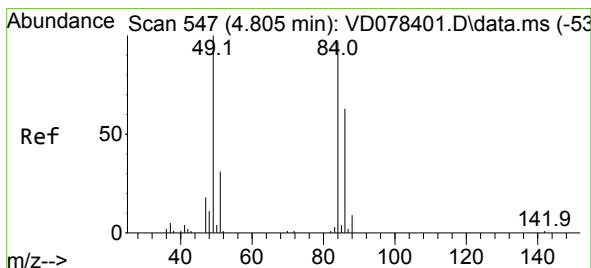
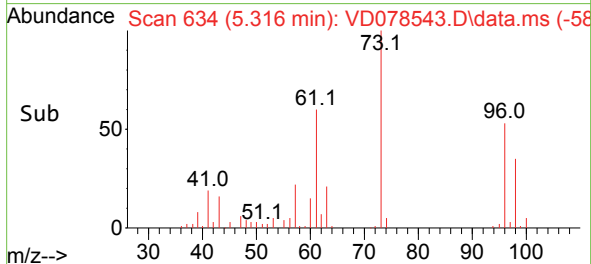
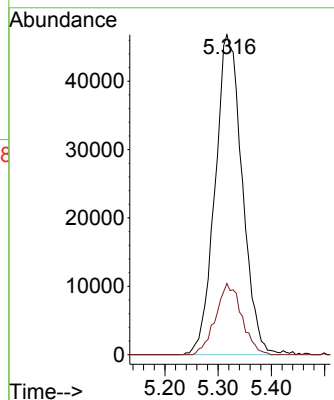
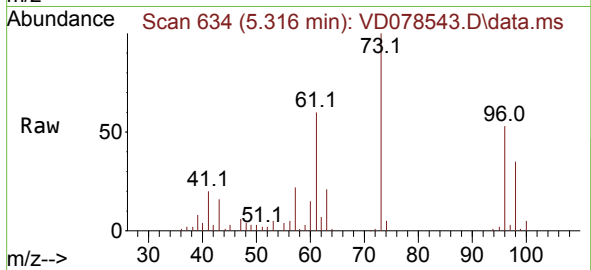




#19
Methyl tert-butyl Ether
Concen: 60.578 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

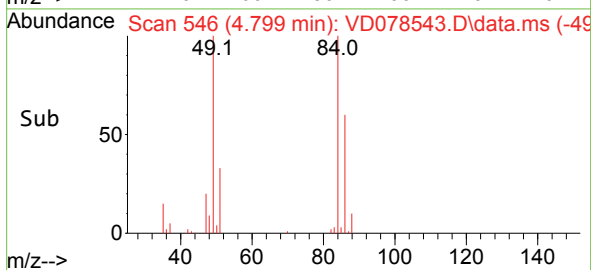
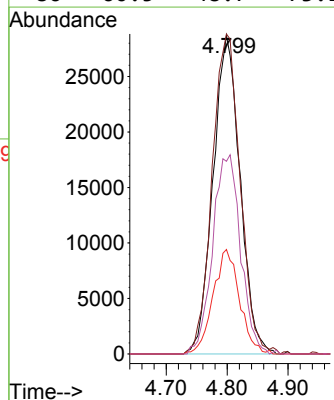
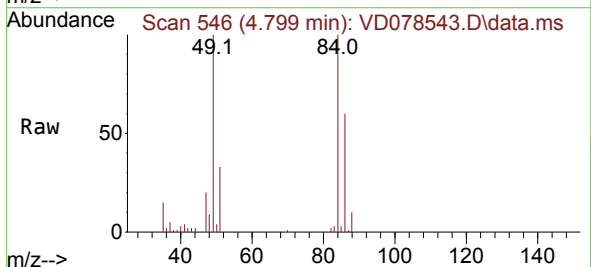
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

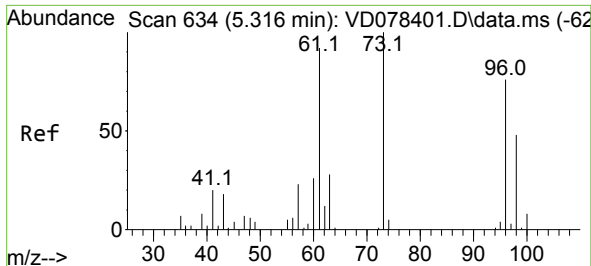
Tgt Ion: 73 Resp: 165522
Ion Ratio Lower Upper
73 100
57 22.2 16.6 25.0



#20
Methylene Chloride
Concen: 62.000 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 84 Resp: 88516
Ion Ratio Lower Upper
84 100
49 100.5 71.4 107.2
51 32.8 24.5 36.7
86 60.5 48.7 73.1

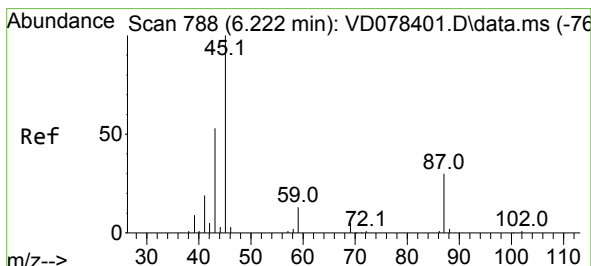
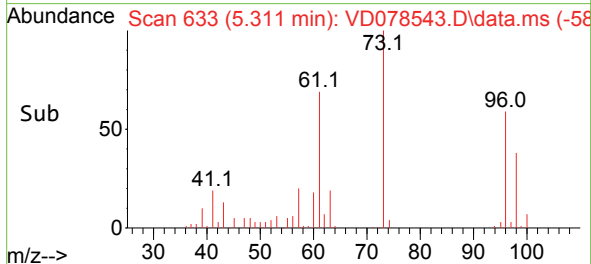
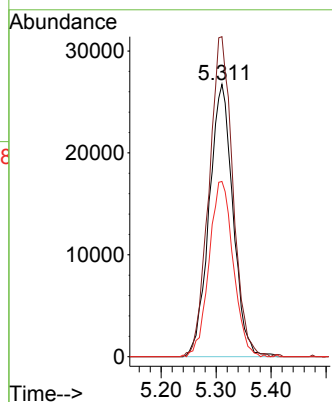
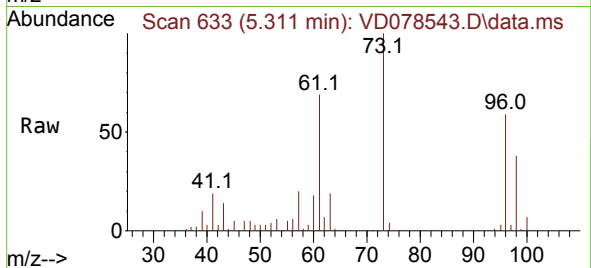




#21
trans-1,2-Dichloroethene
Concen: 53.183 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

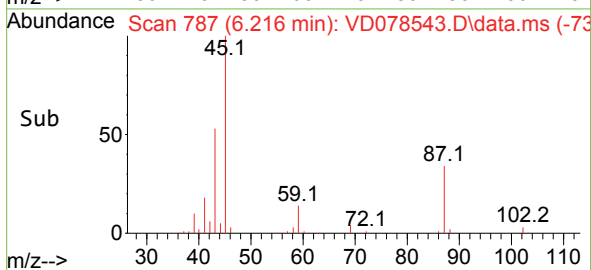
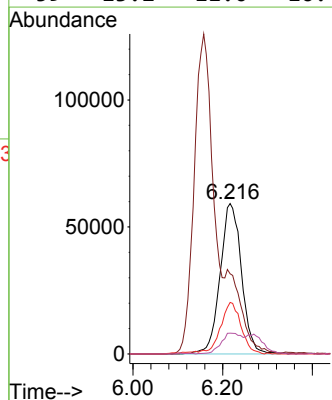
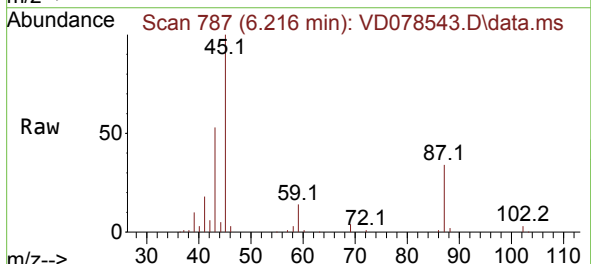
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

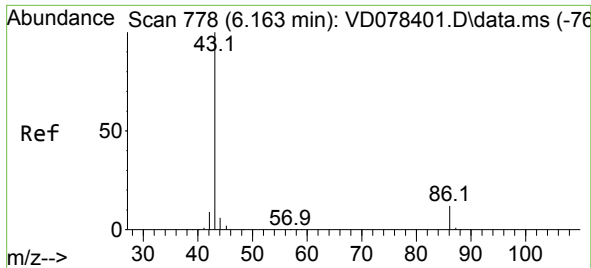
Tgt Ion: 96 Resp: 80461
Ion Ratio Lower Upper
96 100
61 117.5 89.3 133.9
98 64.3 48.6 73.0



#22
Diisopropyl ether
Concen: 56.018 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 45 Resp: 196158
Ion Ratio Lower Upper
45 100
43 52.5 40.0 60.0
87 34.2 28.2 42.4
59 13.2 11.0 16.4

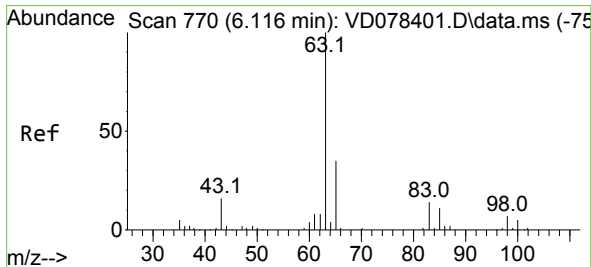
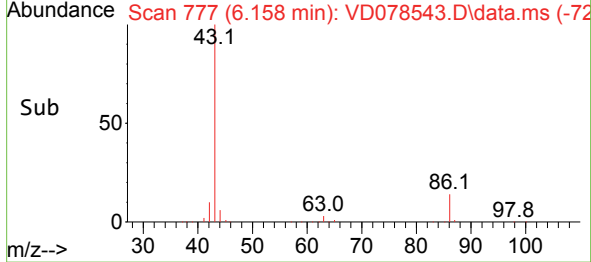
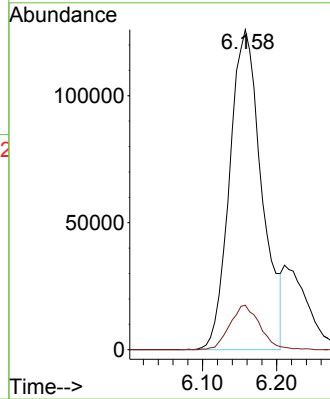
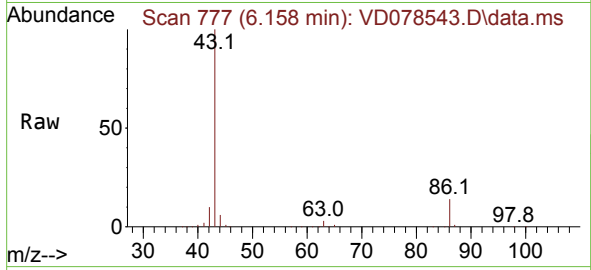




#23
 Vinyl Acetate
 Concen: 264.858 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.005 min
 Lab File: VD078543.D
 Acq: 23 Feb 2024 18:34

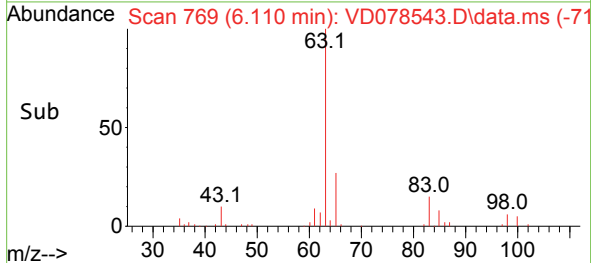
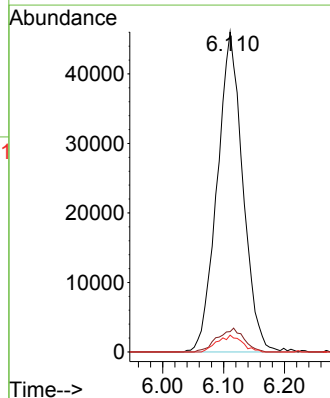
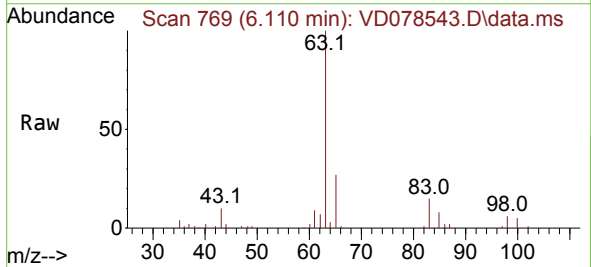
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

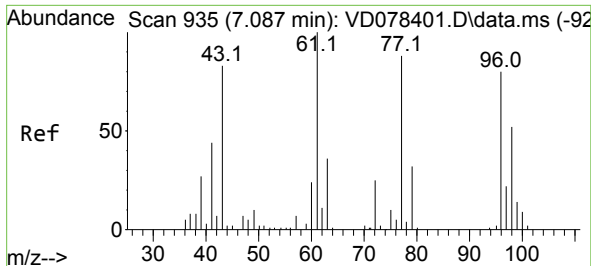
Tgt Ion: 43 Resp: 378922
 Ion Ratio Lower Upper
 43 100
 86 13.9 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 54.232 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078543.D
 Acq: 23 Feb 2024 18:34

Tgt Ion: 63 Resp: 134530
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.5 13.7
 100 5.2 2.5 7.5

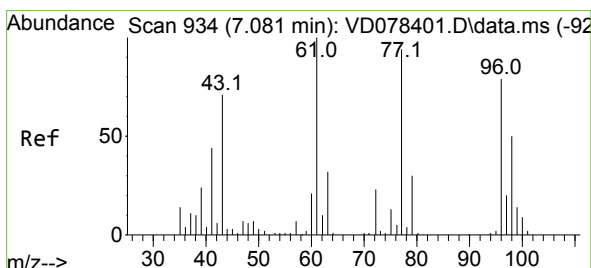
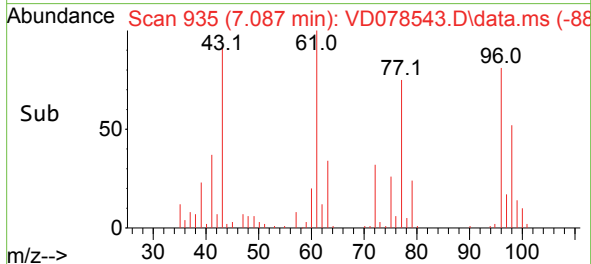
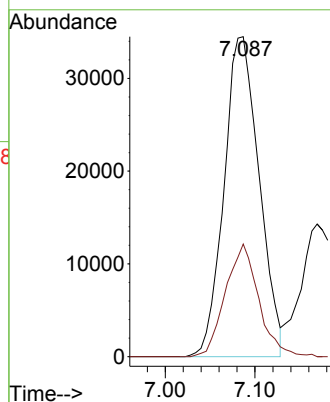
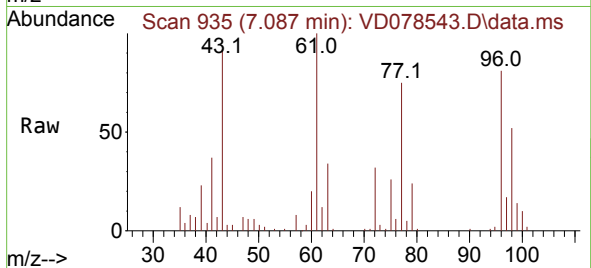




#25
2-Butanone
Concen: 292.858 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

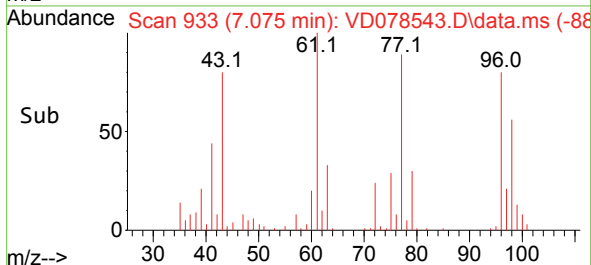
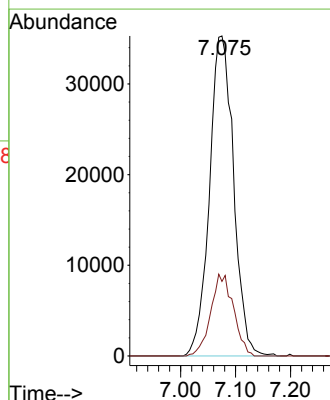
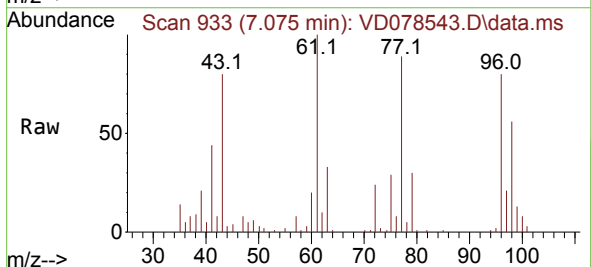
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

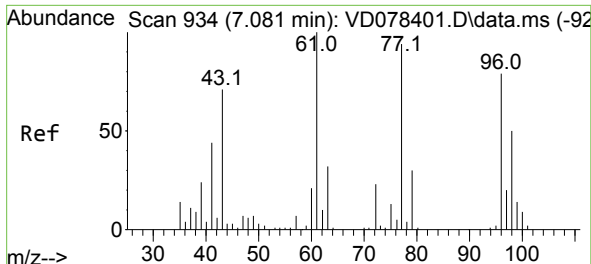
Tgt Ion: 43 Resp: 93776
Ion Ratio Lower Upper
43 100
72 35.2 30.7 46.1



#26
2,2-Dichloropropane
Concen: 51.627 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 77 Resp: 107360
Ion Ratio Lower Upper
77 100
97 24.2 13.2 39.6

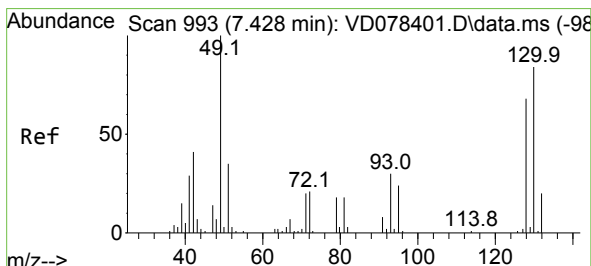
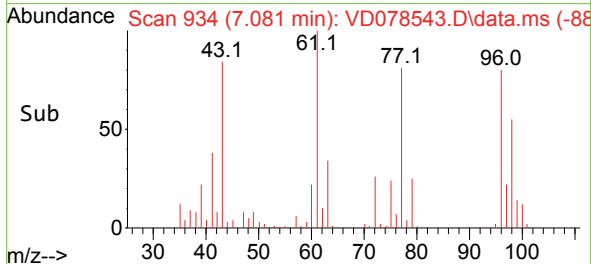
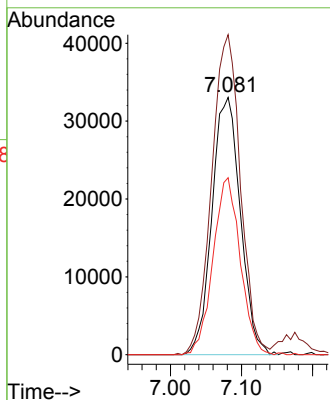
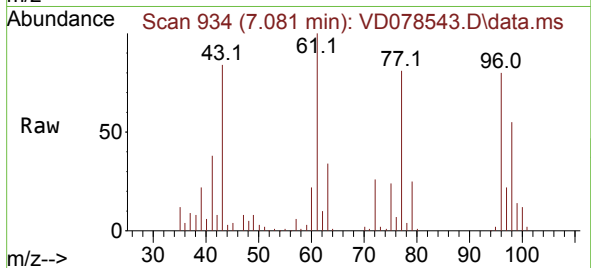




#27
cis-1,2-Dichloroethene
Concen: 55.298 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

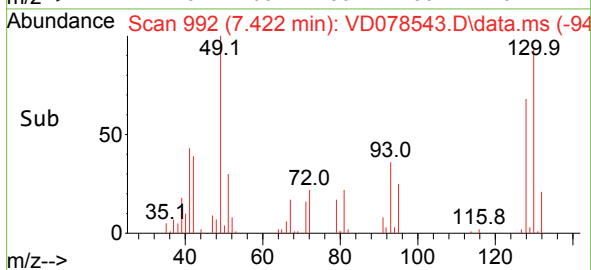
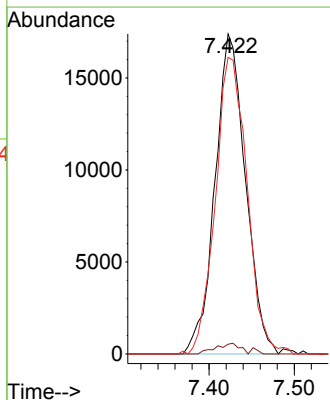
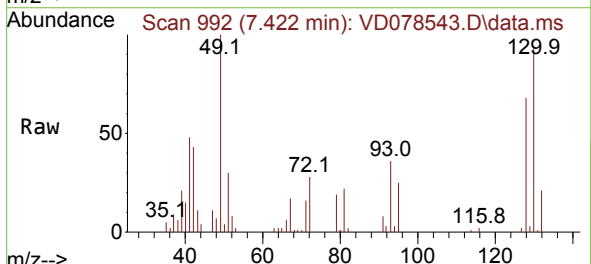
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

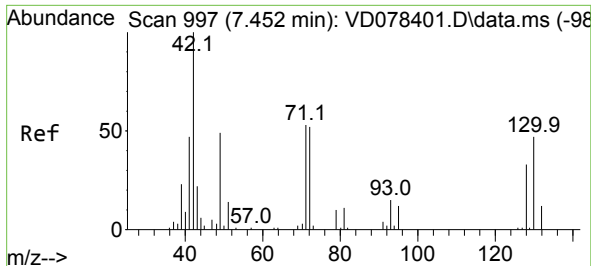
Tgt Ion: 96 Resp: 91790
Ion Ratio Lower Upper
96 100
61 126.0 0.0 239.2
98 65.9 0.0 128.6



#28
Bromochloromethane
Concen: 44.015 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 49 Resp: 43246
Ion Ratio Lower Upper
49 100
129 2.6 0.0 6.0
130 96.5 83.2 124.8

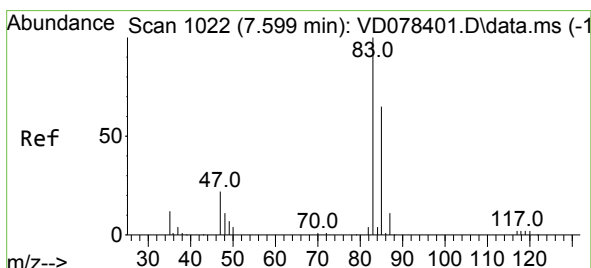
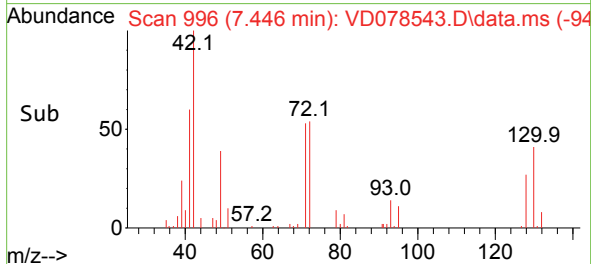
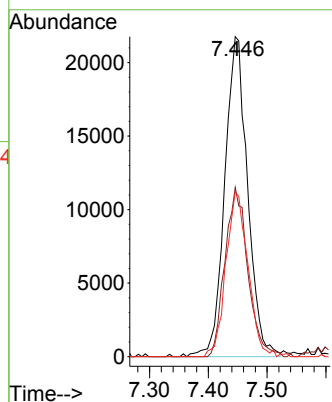
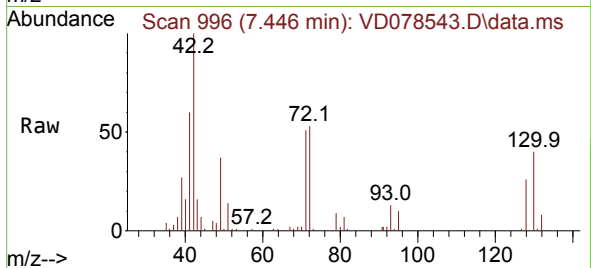




#29
Tetrahydrofuran
Concen: 309.978 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

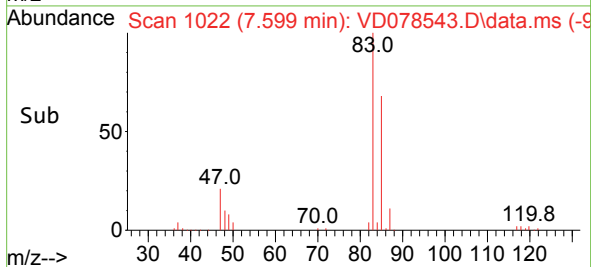
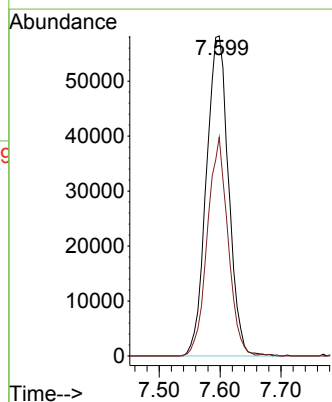
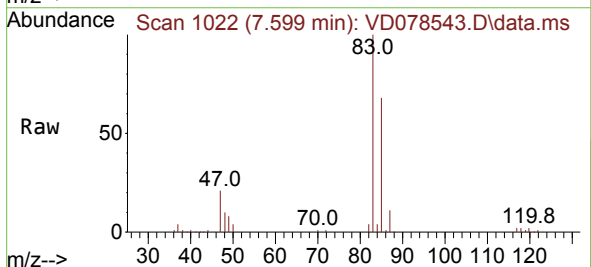
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

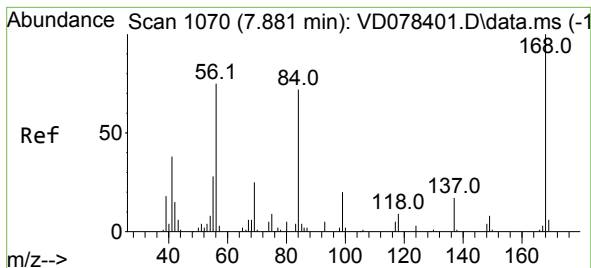
Tgt Ion: 42 Resp: 58802
Ion Ratio Lower Upper
42 100
72 52.6 46.5 69.7
71 49.9 44.5 66.7



#30
Chloroform
Concen: 56.305 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 83 Resp: 147778
Ion Ratio Lower Upper
83 100
85 68.4 53.4 80.2





#31

Cyclohexane

Concen: 46.940 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

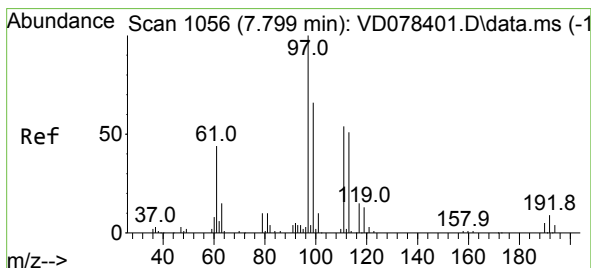
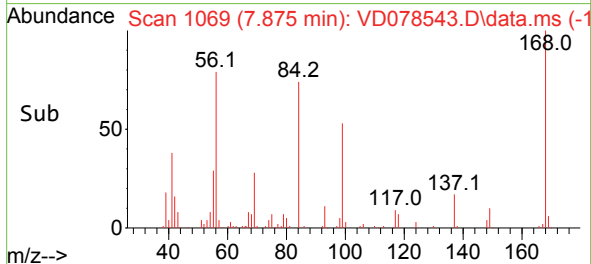
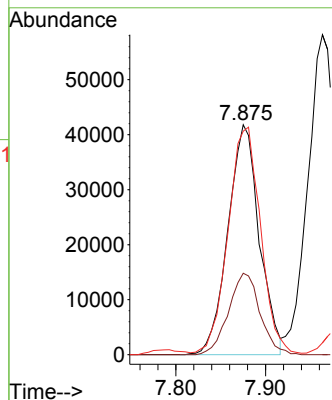
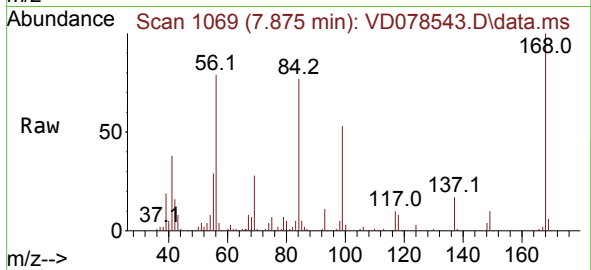
Tgt Ion: 56 Resp: 101285

Ion Ratio Lower Upper

56 100

69 35.4 28.6 43.0

84 95.9 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 54.921 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

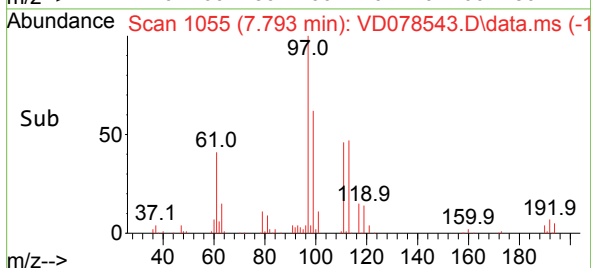
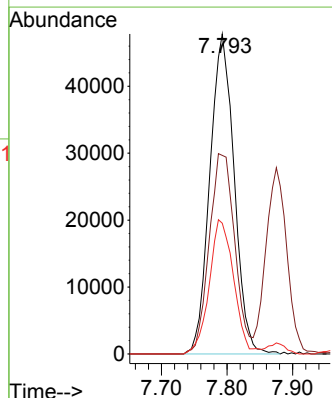
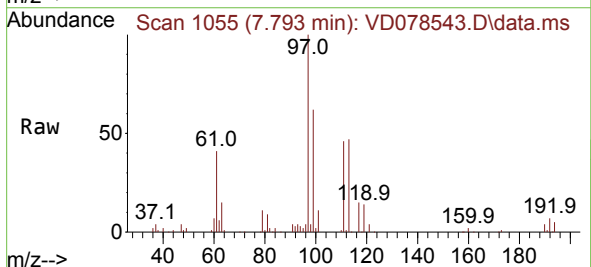
Tgt Ion: 97 Resp: 122898

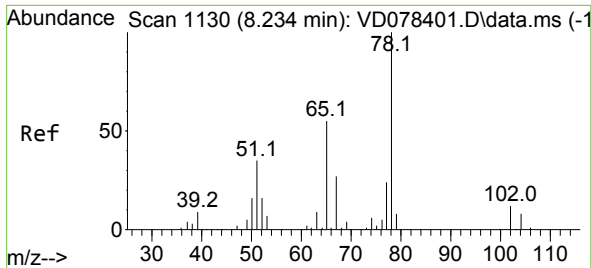
Ion Ratio Lower Upper

97 100

99 66.2 52.0 78.0

61 42.2 33.8 50.8

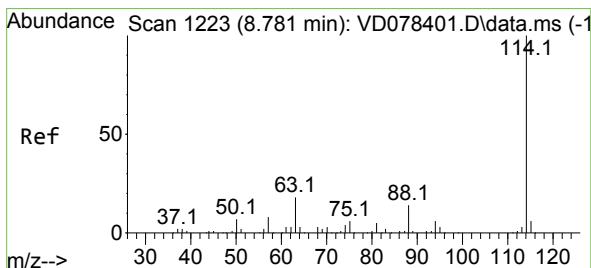
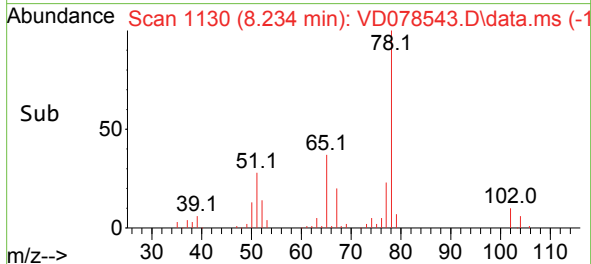
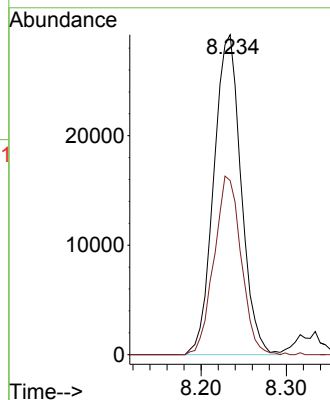
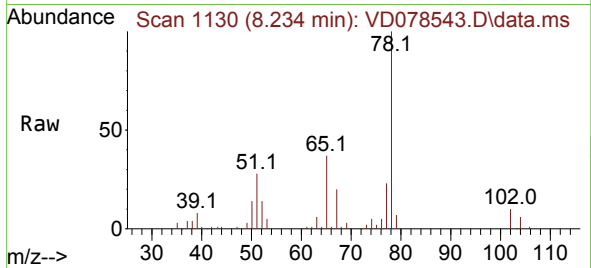




#33
1,2-Dichloroethane-d4
Concen: 51.013 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

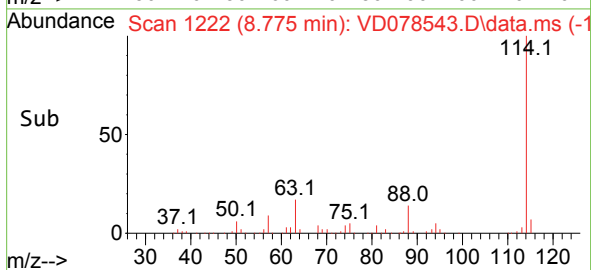
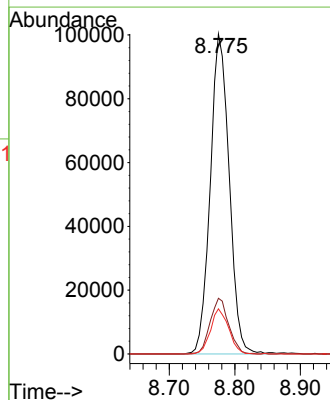
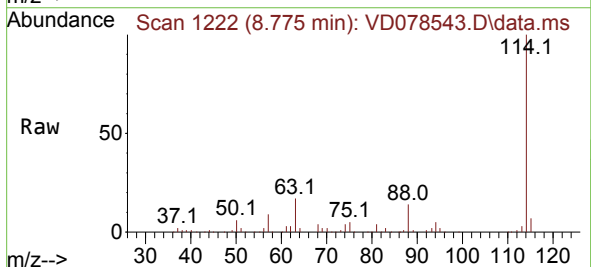
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

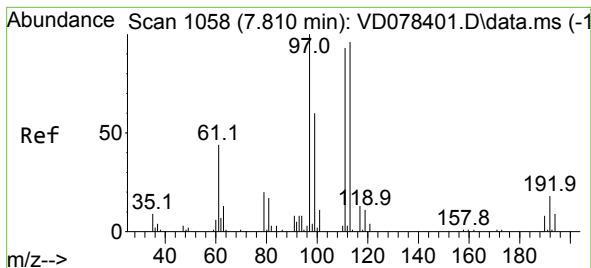
Tgt Ion: 65 Resp: 65070
Ion Ratio Lower Upper
65 100
67 55.4 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion:114 Resp: 201122
Ion Ratio Lower Upper
114 100
63 17.4 0.0 33.4
88 14.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 55.185 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

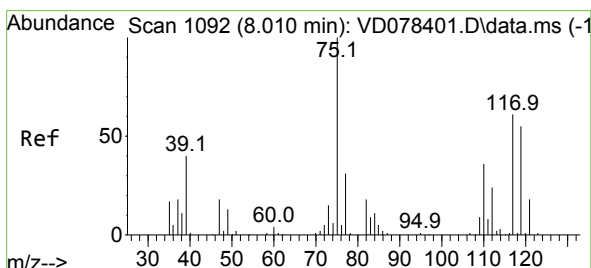
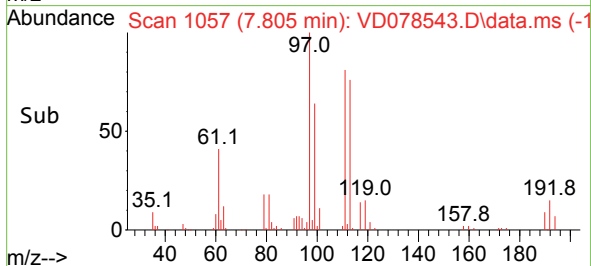
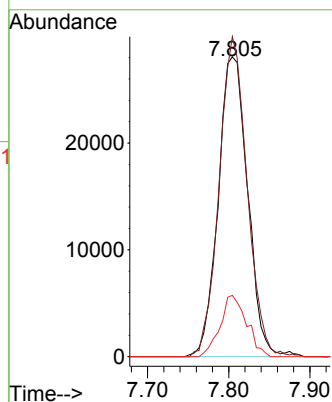
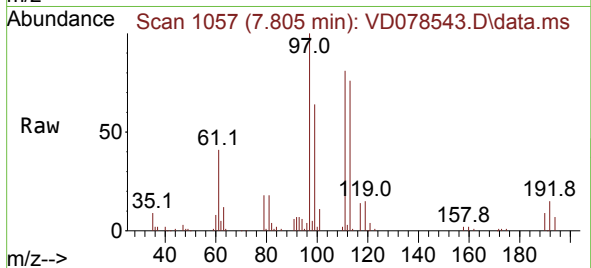
Tgt Ion:113 Resp: 70503

Ion Ratio Lower Upper

113 100

111 102.2 84.7 127.1

192 18.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 53.525 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

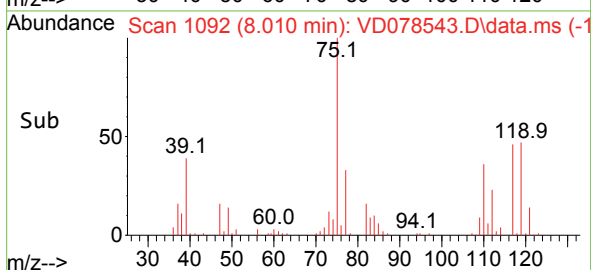
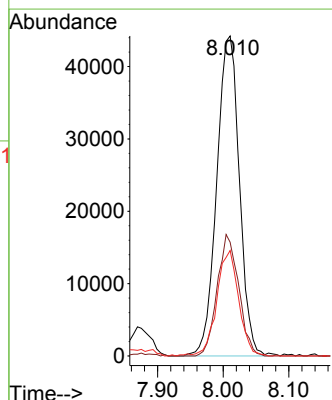
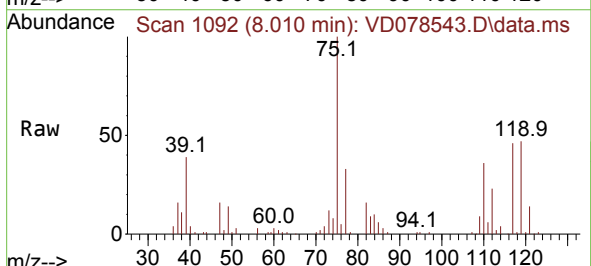
Tgt Ion: 75 Resp: 106229

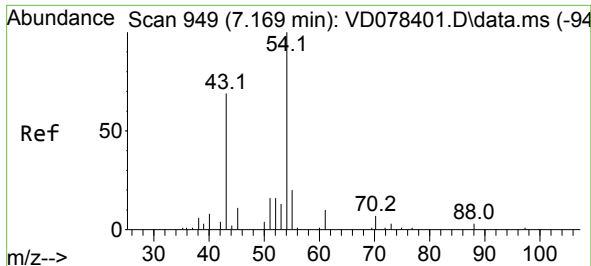
Ion Ratio Lower Upper

75 100

110 35.9 19.9 59.6

77 32.1 24.7 37.1

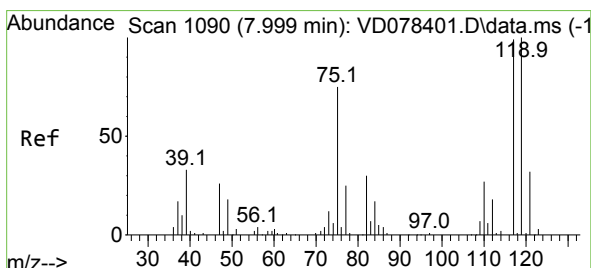
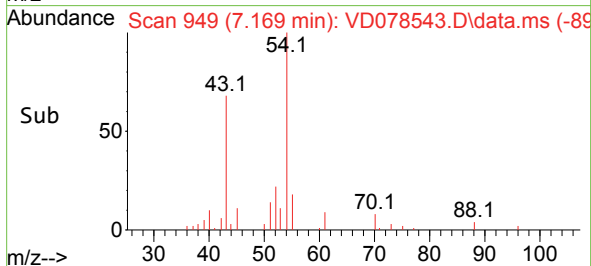
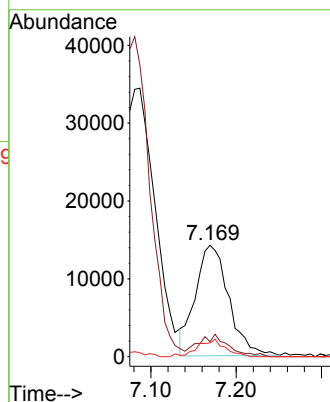
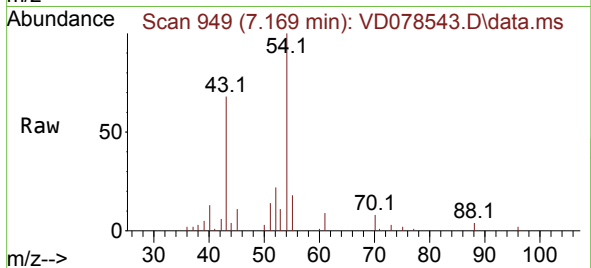




#37
Ethyl Acetate
Concen: 55.432 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

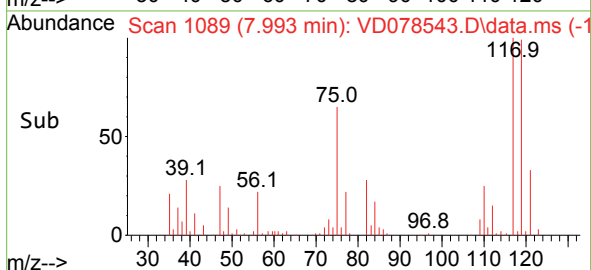
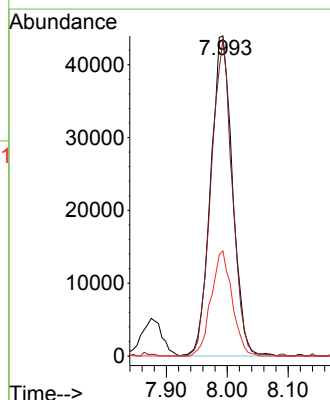
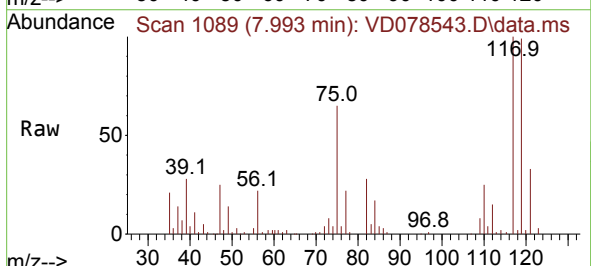
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

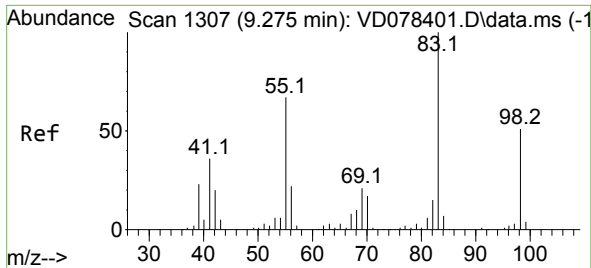
Tgt Ion:	43	Resp:	38565
Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.9	22.3
70	12.8	10.0	15.0



#38
Carbon Tetrachloride
Concen: 55.616 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion:	117	Resp:	109312
Ion	Ratio	Lower	Upper
117	100		
119	98.8	78.0	117.0
121	32.9	24.2	36.2

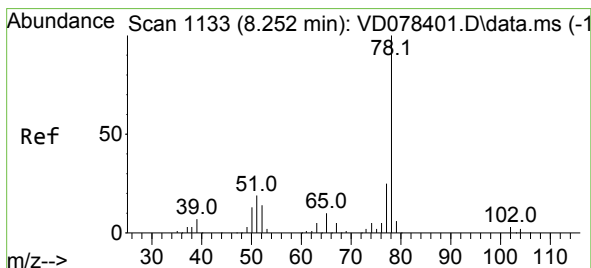
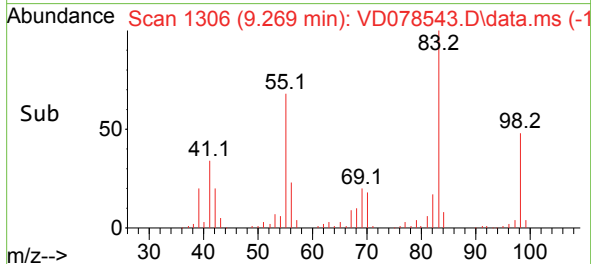
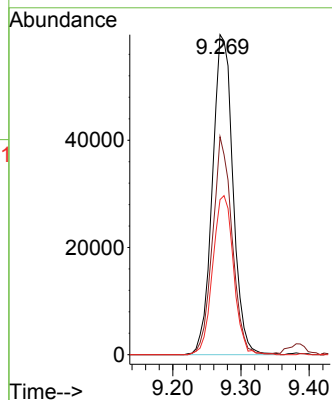
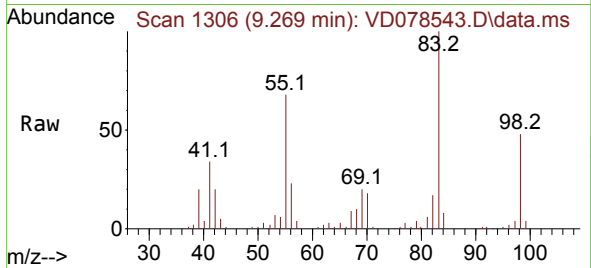




#39
Methylcyclohexane
Concen: 53.096 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

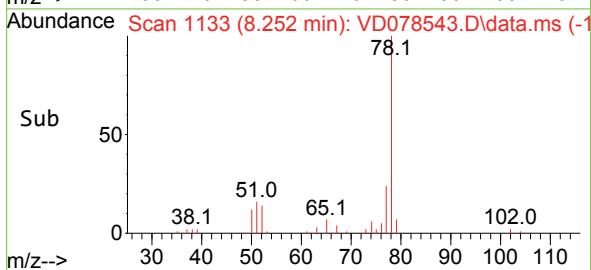
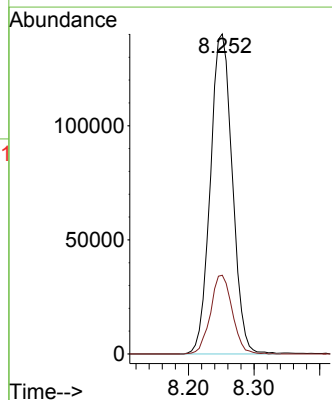
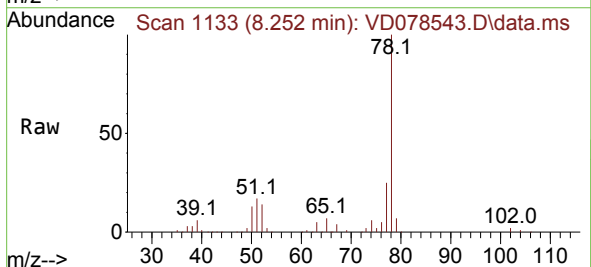
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

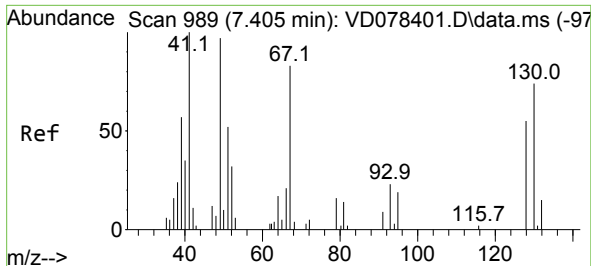
Tgt Ion: 83 Resp: 125102
Ion Ratio Lower Upper
83 100
55 68.1 49.4 74.0
98 48.4 38.4 57.6



#40
Benzene
Concen: 56.919 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 78 Resp: 326518
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0

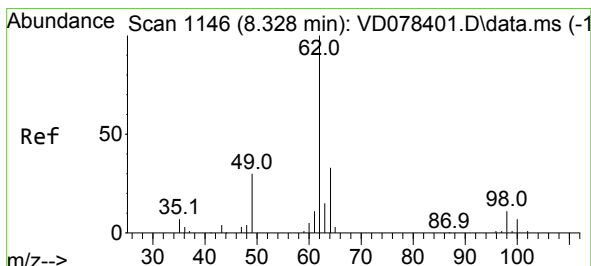
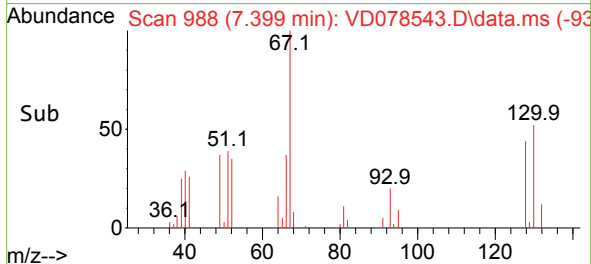
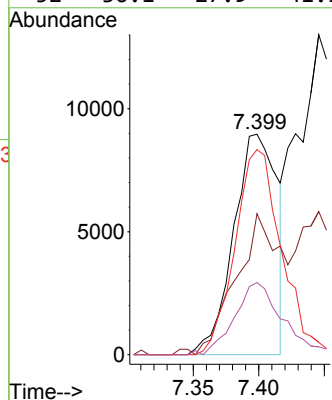
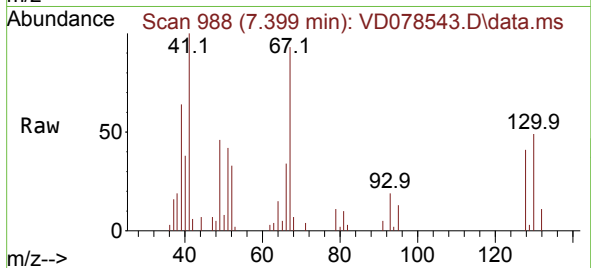




#41
Methacrylonitrile
Concen: 57.259 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

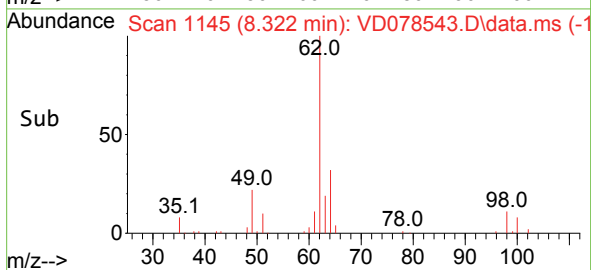
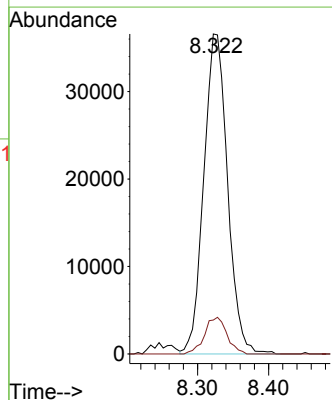
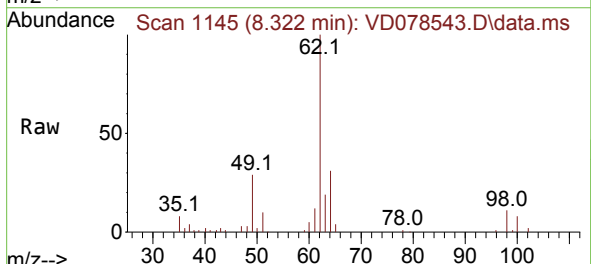
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

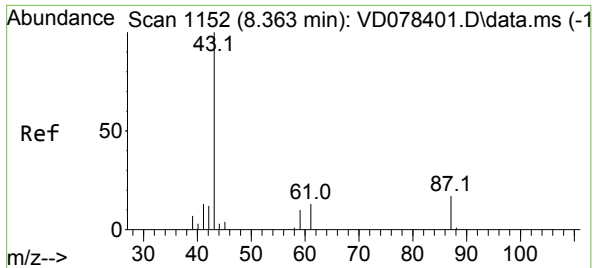
Tgt Ion: 41 Resp: 20732
Ion Ratio Lower Upper
41 100
39 66.2 34.0 51.0#
67 99.8 77.0 115.4
52 36.1 27.9 41.9



#42
1,2-Dichloroethane
Concen: 57.428 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 62 Resp: 85242
Ion Ratio Lower Upper
62 100
98 10.8 0.0 25.4

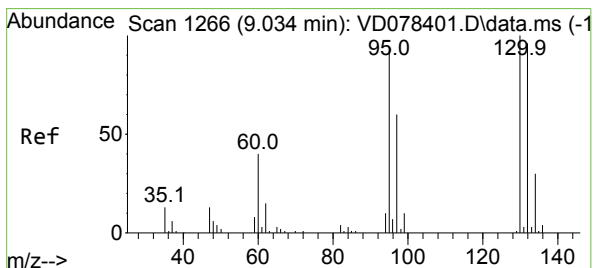
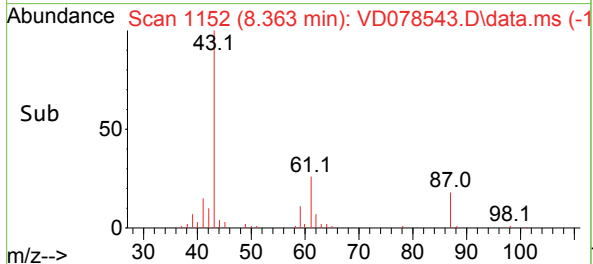
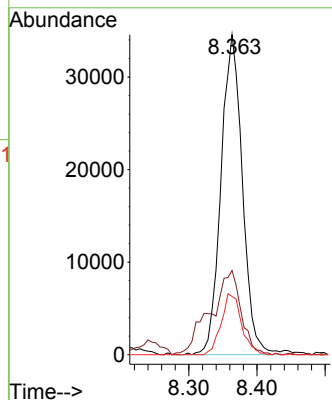
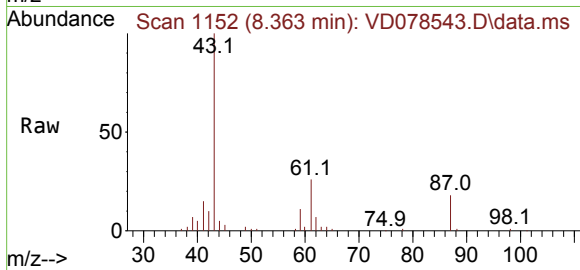




#43
Isopropyl Acetate
Concen: 58.611 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

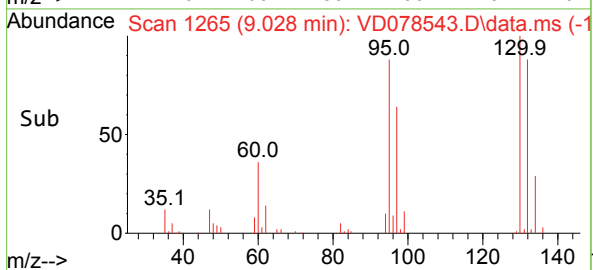
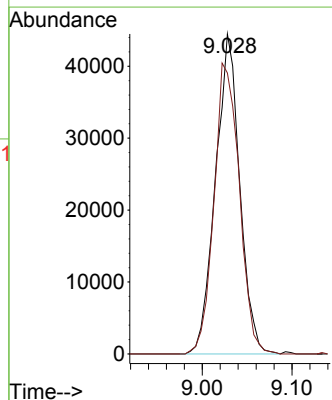
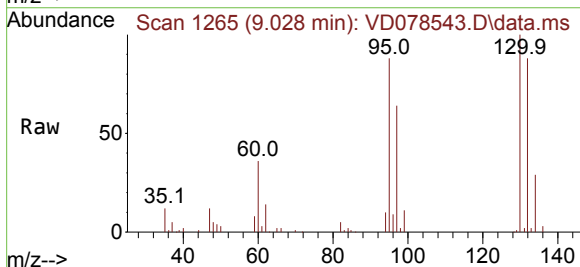
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

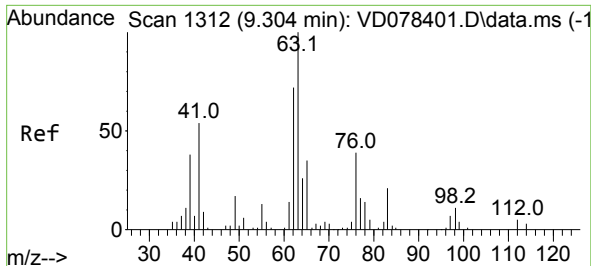
Tgt Ion:	43	Resp:	75508
Ion	Ratio	Lower	Upper
43	100		
61	37.4	31.4	47.0
87	18.1	14.9	22.3



#44
Trichloroethene
Concen: 57.075 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion:	130	Resp:	83529
Ion	Ratio	Lower	Upper
130	100		
95	87.8	0.0	179.2





#45

1,2-Dichloropropane

Concen: 58.071 ug/l

RT: 9.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

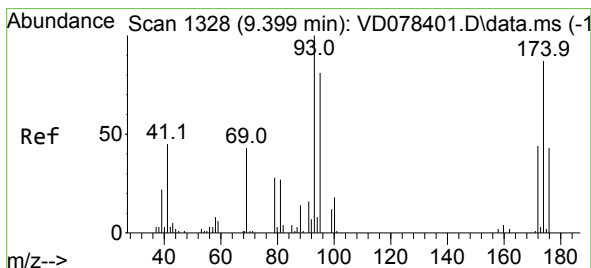
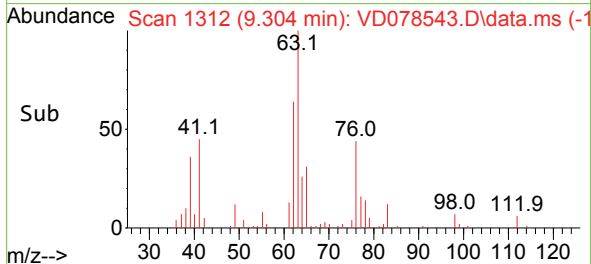
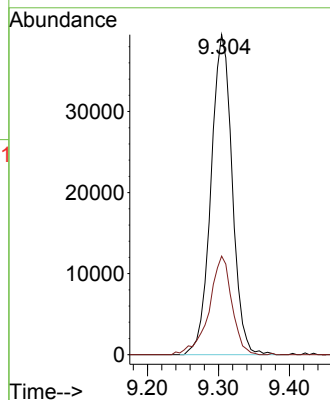
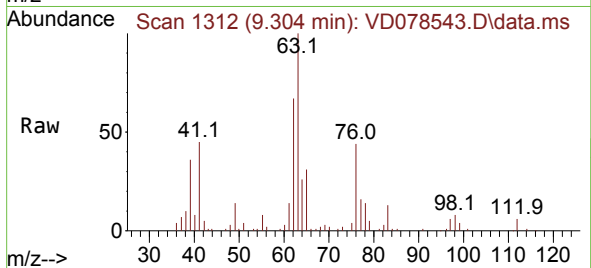
VSTDCCC050EC

Tgt Ion: 63 Resp: 81735

Ion Ratio Lower Upper

63 100

65 30.8 24.5 36.7



#46

Dibromomethane

Concen: 60.486 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

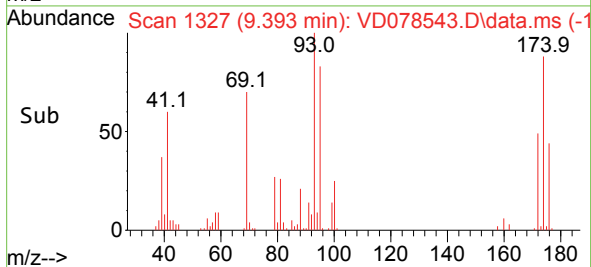
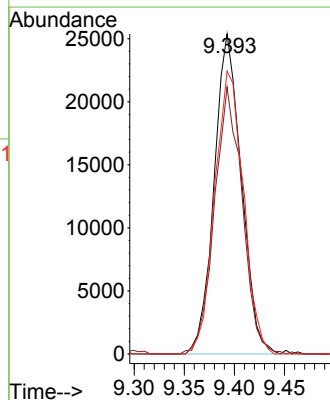
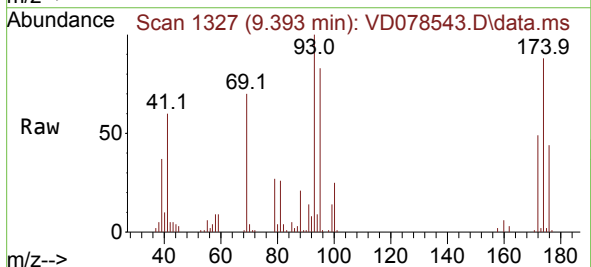
Tgt Ion: 93 Resp: 47885

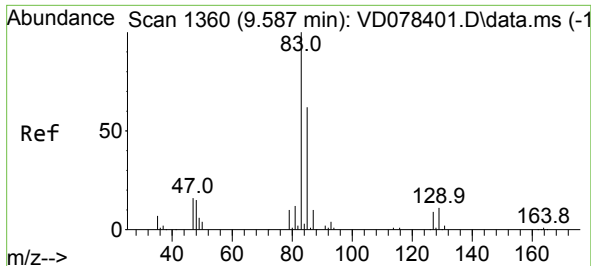
Ion Ratio Lower Upper

93 100

95 85.2 67.7 101.5

174 93.2 85.4 128.2

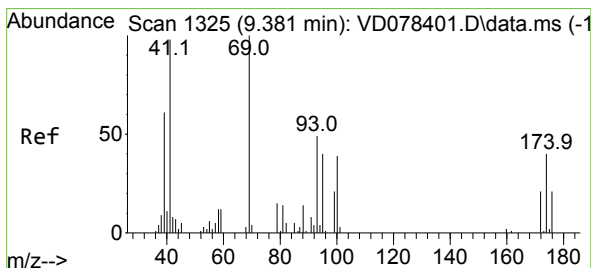
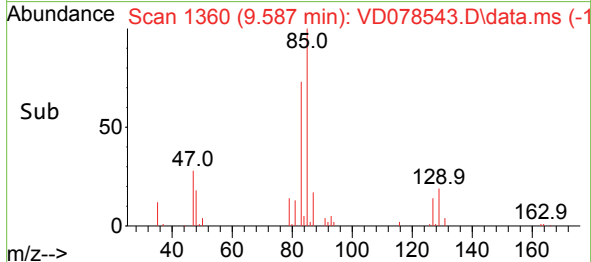
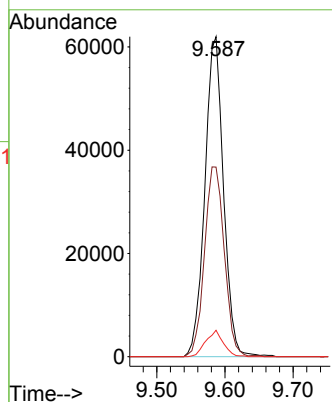
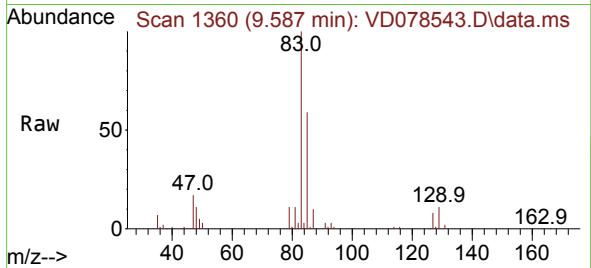




#47
Bromodichloromethane
Concen: 60.130 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

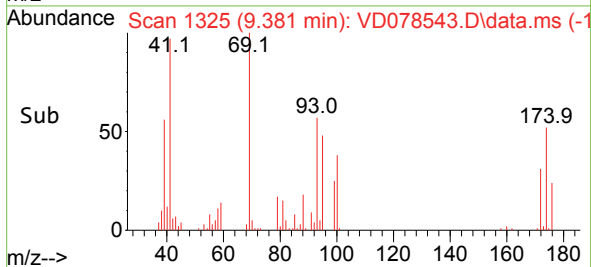
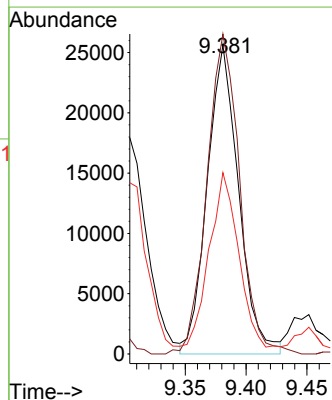
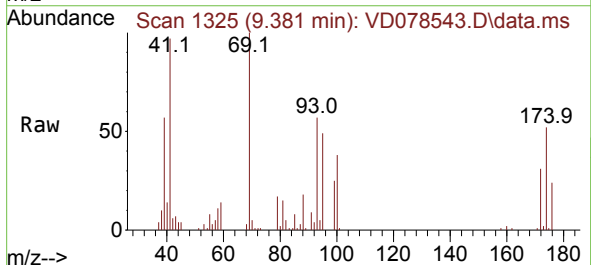
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

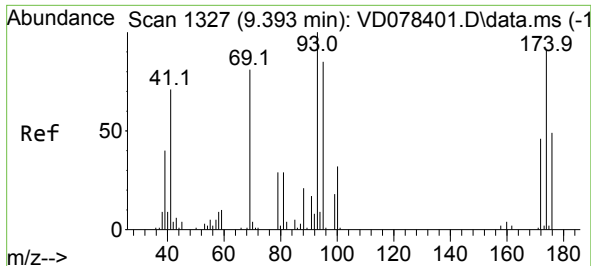
Tgt Ion: 83 Resp: 117907
Ion Ratio Lower Upper
83 100
85 59.2 50.2 75.4
127 8.3 6.3 9.5



#48
Methyl methacrylate
Concen: 67.236 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 41 Resp: 45955
Ion Ratio Lower Upper
41 100
69 107.3 102.2 153.2
39 53.3 41.4 62.2





#49

1,4-Dioxane

Concen: 1357.090 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

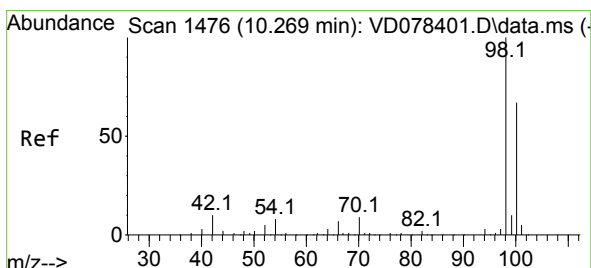
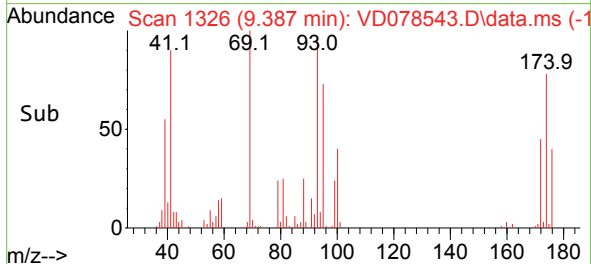
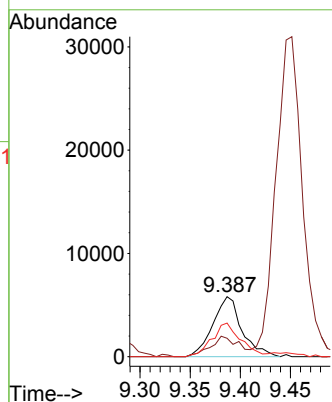
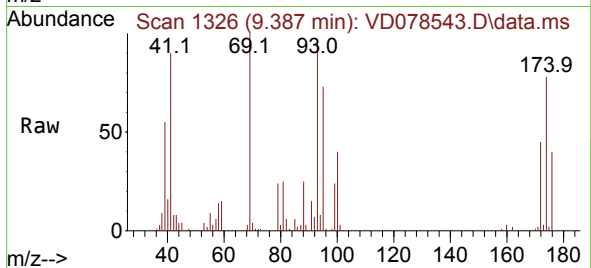
Tgt Ion: 88 Resp: 11635

Ion Ratio Lower Upper

88 100

43 33.6 19.0 28.6#

58 56.4 43.5 65.3



#50

Toluene-d8

Concen: 53.114 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078543.D

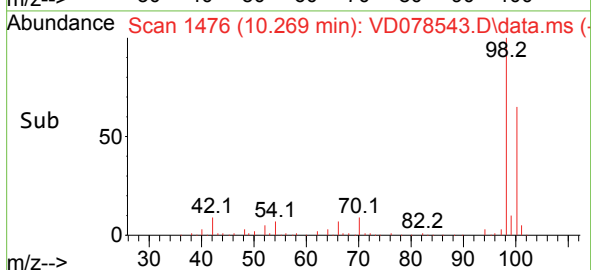
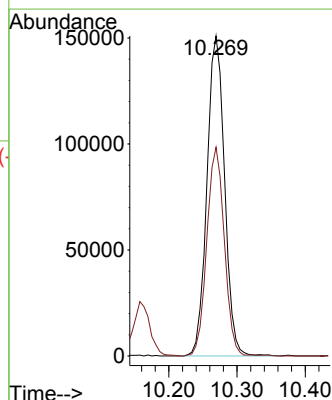
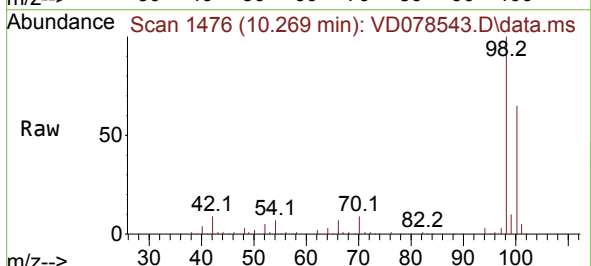
Acq: 23 Feb 2024 18:34

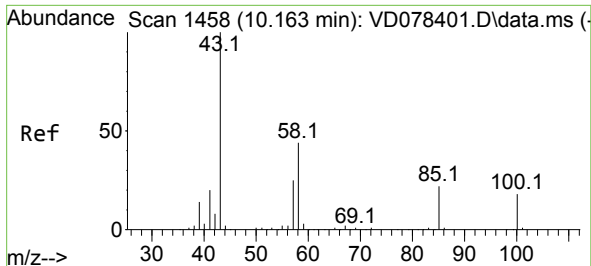
Tgt Ion: 98 Resp: 271442

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

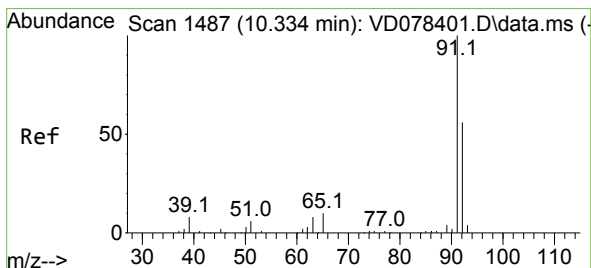
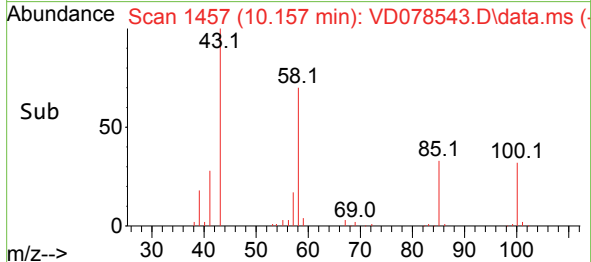
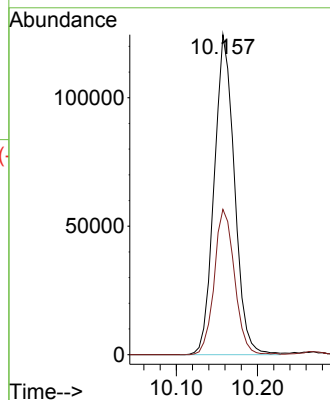
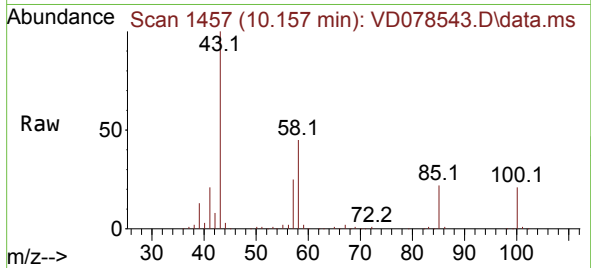




#51
4-Methyl-2-Pentanone
Concen: 316.585 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

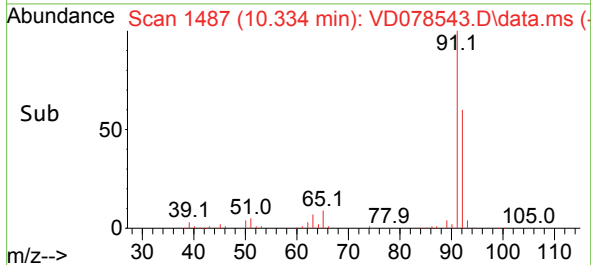
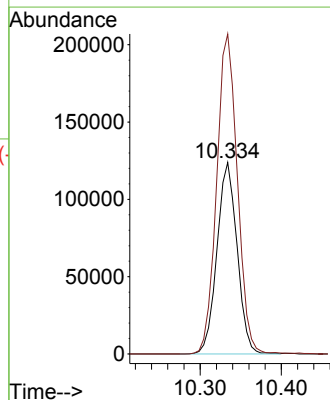
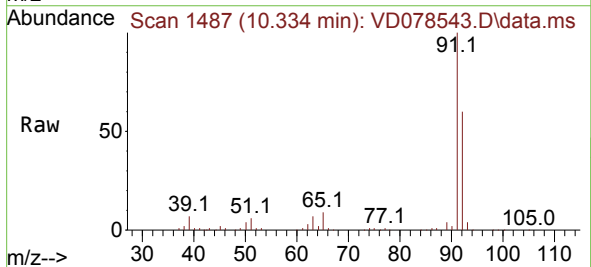
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

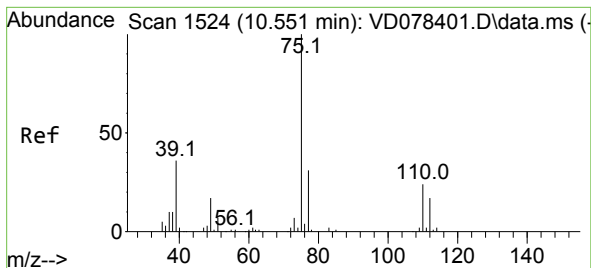
Tgt Ion: 43 Resp: 216468
Ion Ratio Lower Upper
43 100
58 45.4 38.9 58.3



#52
Toluene
Concen: 58.828 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 92 Resp: 213410
Ion Ratio Lower Upper
92 100
91 172.1 143.0 214.4

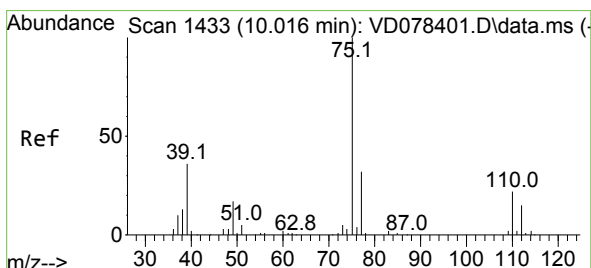
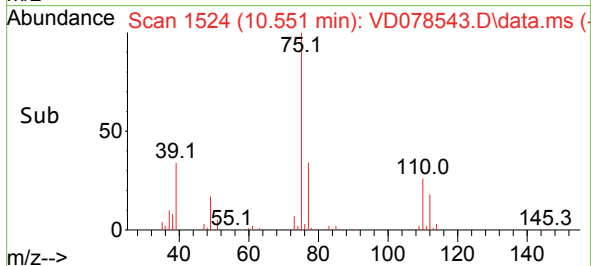
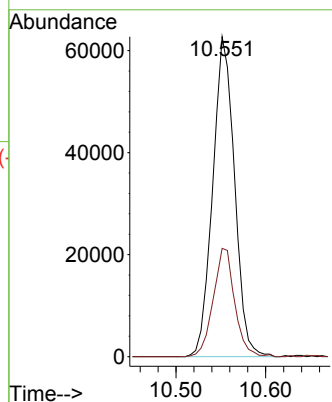
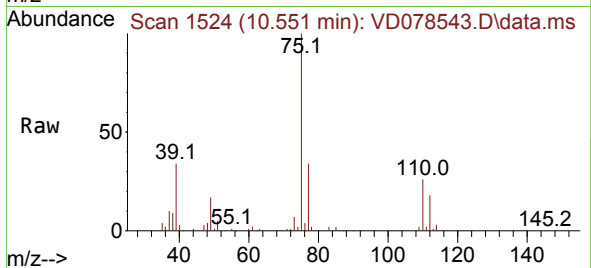




#53
t-1,3-Dichloropropene
Concen: 59.159 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

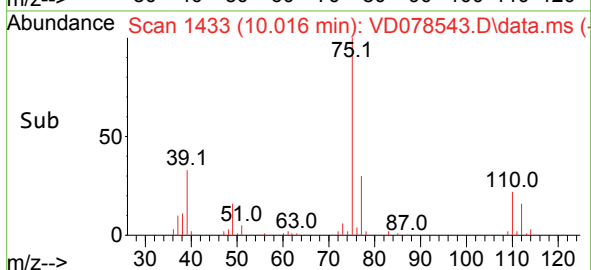
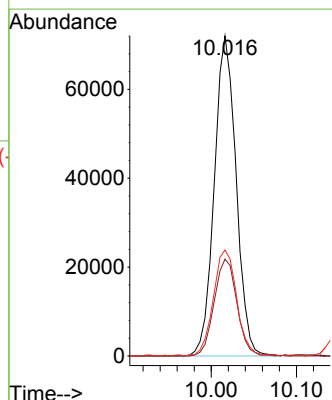
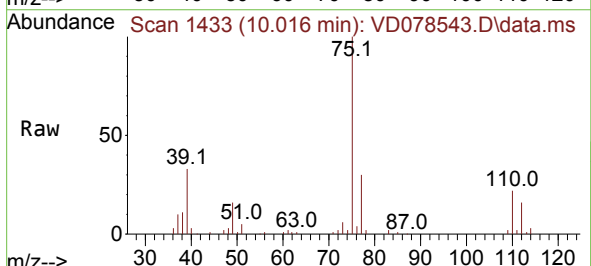
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

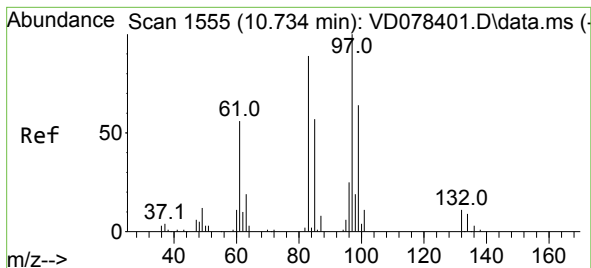
Tgt Ion: 75 Resp: 105847
Ion Ratio Lower Upper
75 100
77 33.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 58.986 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 75 Resp: 127974
Ion Ratio Lower Upper
75 100
77 30.3 25.5 38.3
39 33.1 22.1 33.1

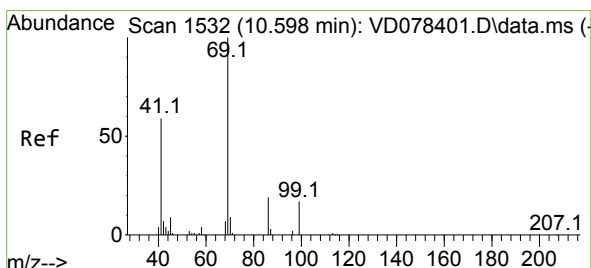
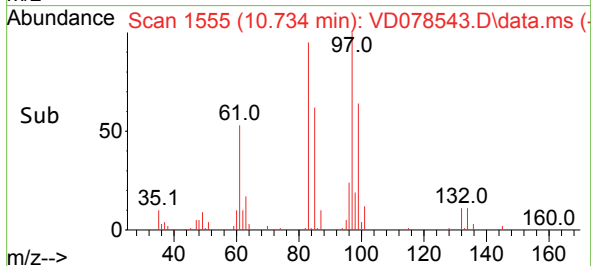
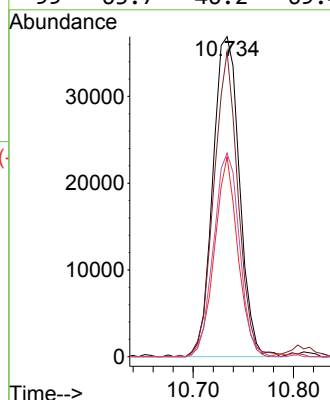
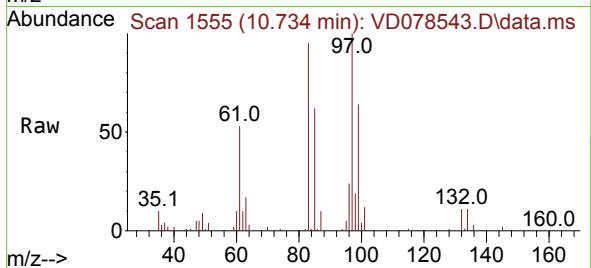




#55
 1,1,2-Trichloroethane
 Concen: 63.629 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD078543.D
 Acq: 23 Feb 2024 18:34

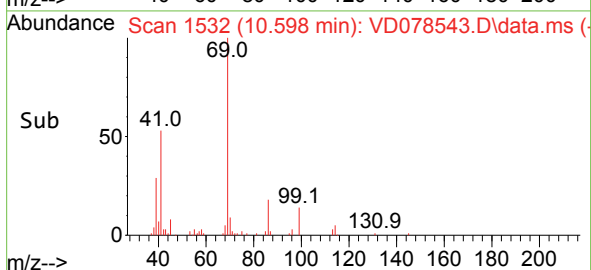
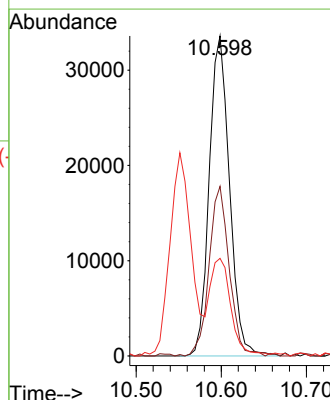
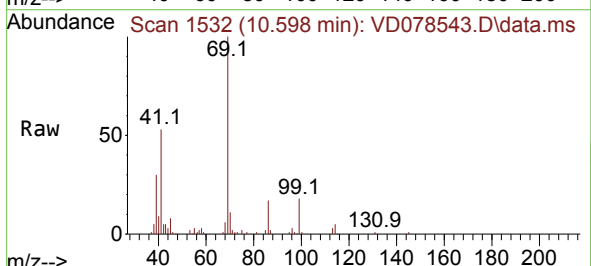
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

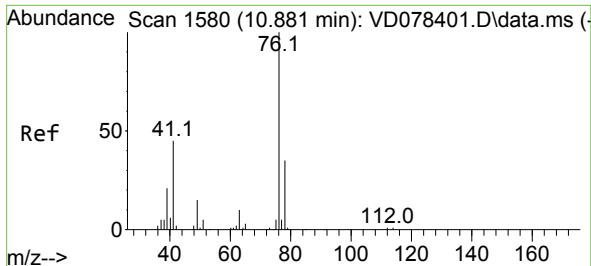
Tgt Ion: 97	Resp: 67837
Ion Ratio	Lower Upper
97 100	
83 94.8	65.8 98.6
85 62.4	45.7 68.5
99 63.7	46.2 69.4



#56
 Ethyl methacrylate
 Concen: 56.305 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD078543.D
 Acq: 23 Feb 2024 18:34

Tgt Ion: 69	Resp: 55518
Ion Ratio	Lower Upper
69 100	
41 52.7	39.1 58.7
39 29.8	20.0 30.0





#57

1,3-Dichloropropane

Concen: 59.895 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

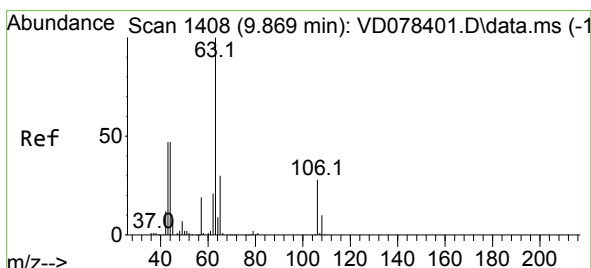
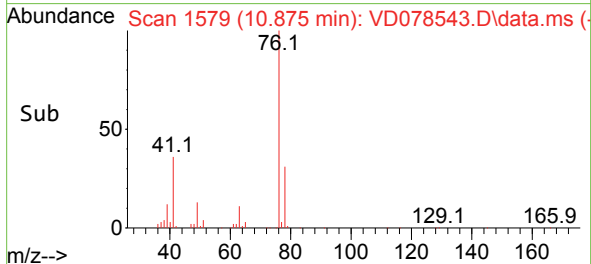
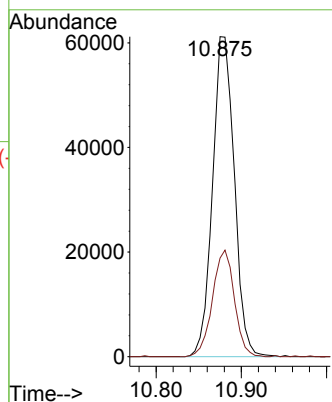
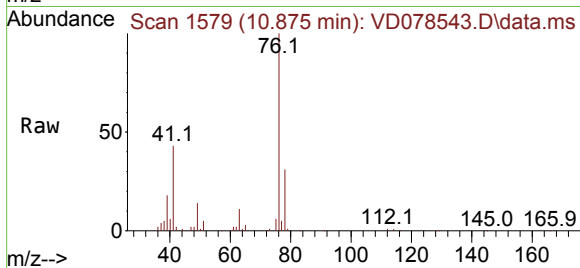
VSTDCCC050EC

Tgt Ion: 76 Resp: 108624

Ion Ratio Lower Upper

76 100

78 33.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 305.379 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078543.D

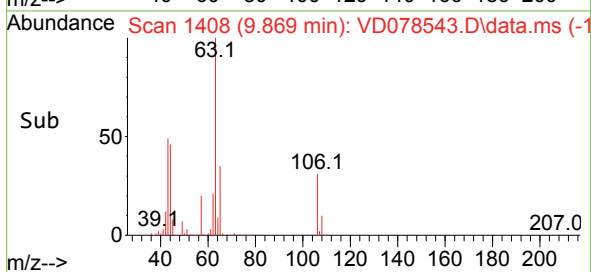
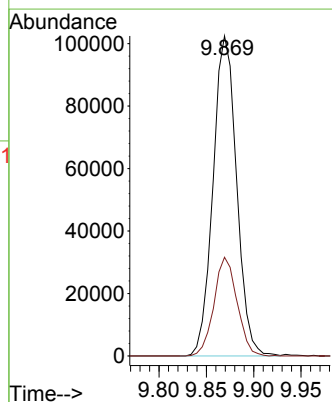
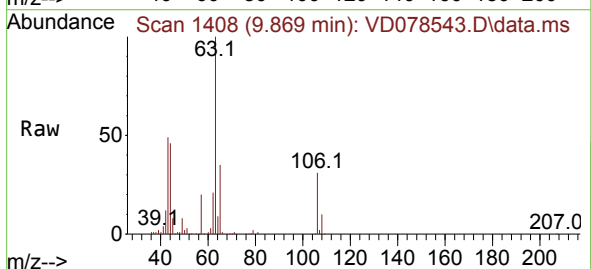
Acq: 23 Feb 2024 18:34

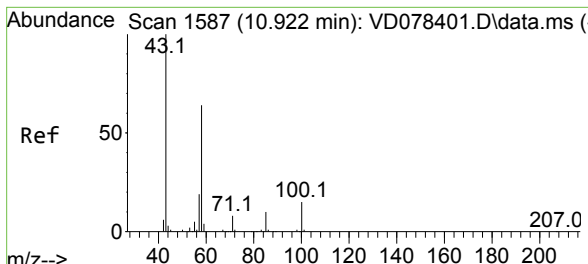
Tgt Ion: 63 Resp: 177367

Ion Ratio Lower Upper

63 100

106 30.3 25.3 37.9

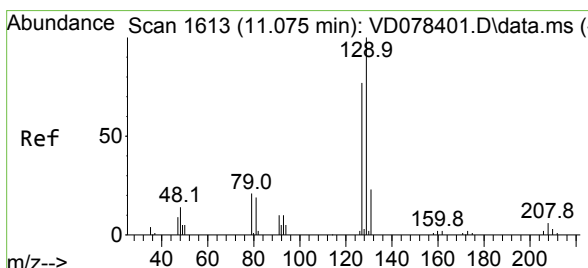
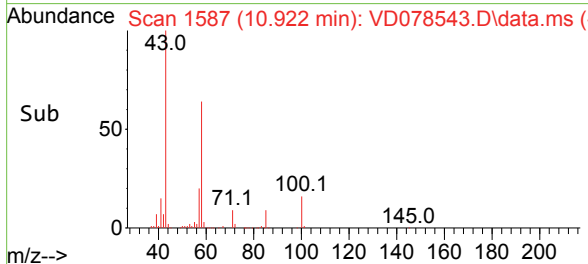
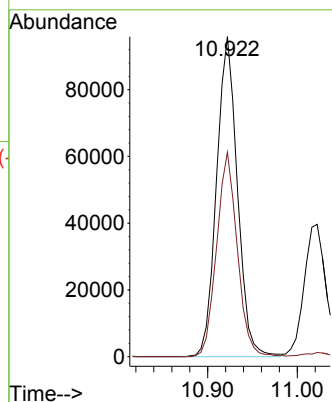
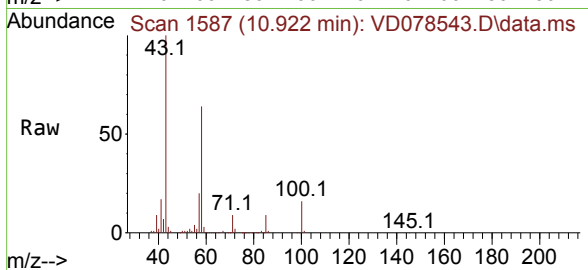




#59
 2-Hexanone
 Concen: 301.029 ug/l
 RT: 10.922 min Scan# 1587
 Delta R.T. -0.000 min
 Lab File: VD078543.D
 Acq: 23 Feb 2024 18:34

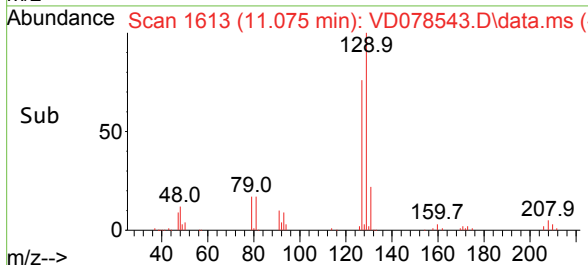
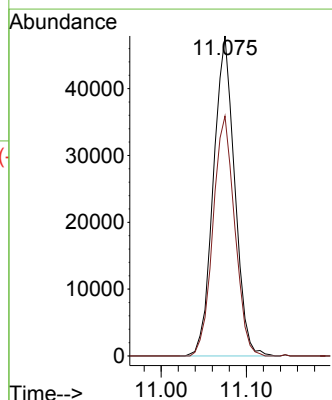
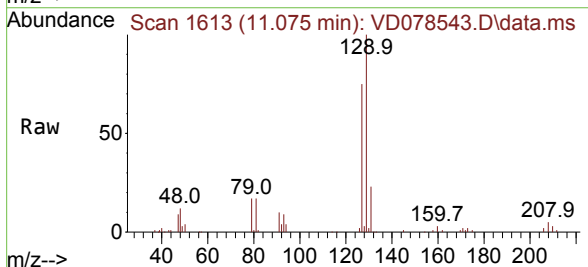
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

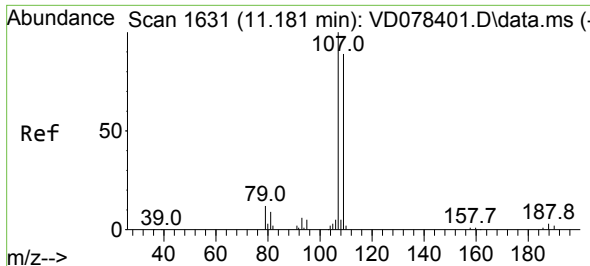
Tgt Ion: 43 Resp: 154685
 Ion Ratio Lower Upper
 43 100
 58 63.2 34.1 102.2



#60
 Dibromochloromethane
 Concen: 64.814 ug/l
 RT: 11.075 min Scan# 1613
 Delta R.T. -0.000 min
 Lab File: VD078543.D
 Acq: 23 Feb 2024 18:34

Tgt Ion: 129 Resp: 83140
 Ion Ratio Lower Upper
 129 100
 127 76.5 37.1 111.5

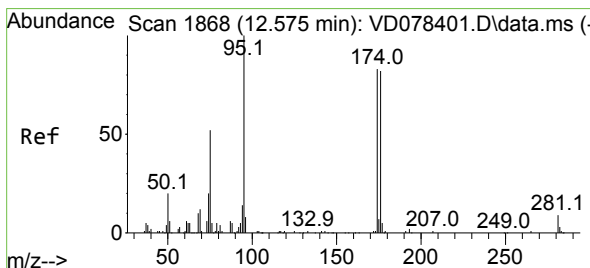
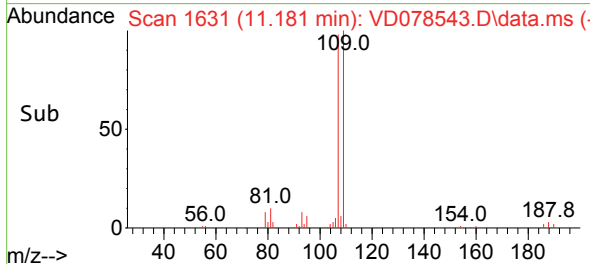
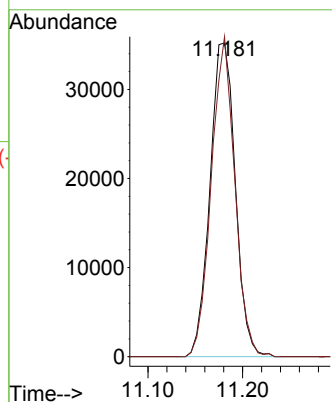
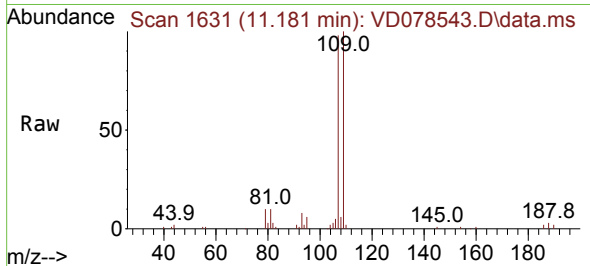




#61
1,2-Dibromoethane
Concen: 65.369 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

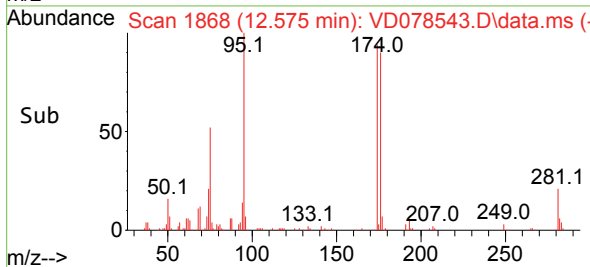
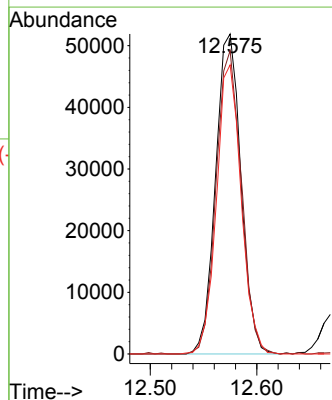
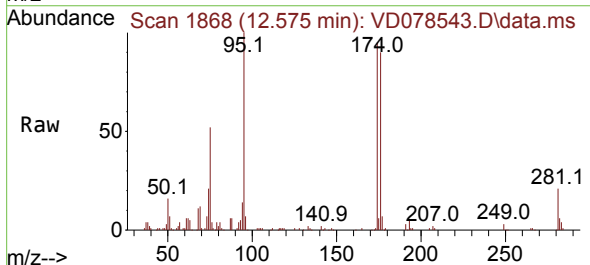
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

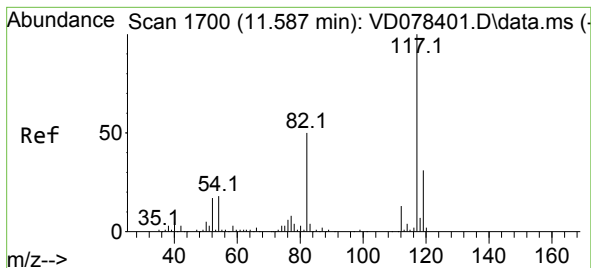
Tgt Ion:107 Resp: 65428
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.626 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 95 Resp: 85702
Ion Ratio Lower Upper
95 100
174 94.1 0.0 201.8
176 88.2 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: VD078543.D

Acq: 23 Feb 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

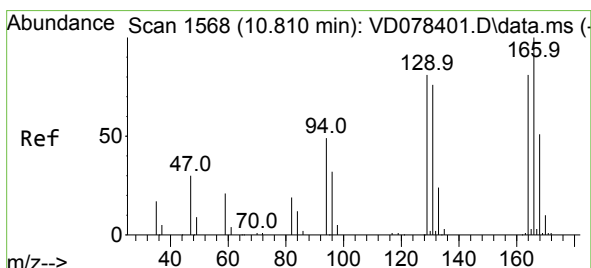
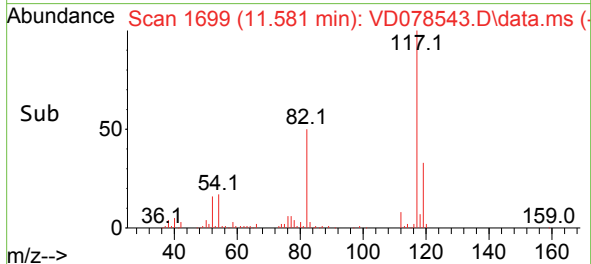
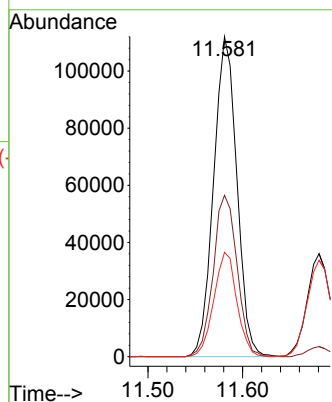
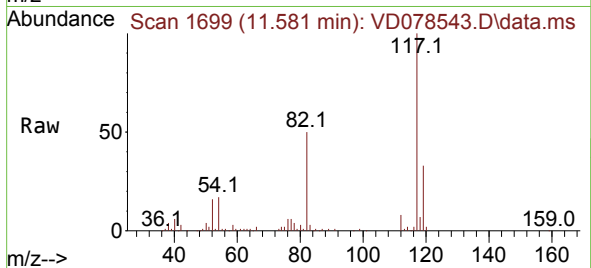
Tgt Ion:117 Resp: 191035

Ion Ratio Lower Upper

117 100

82 50.5 38.3 57.5

119 32.6 25.0 37.4



#64

Tetrachloroethene

Concen: 58.656 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

Tgt Ion:164 Resp: 70776

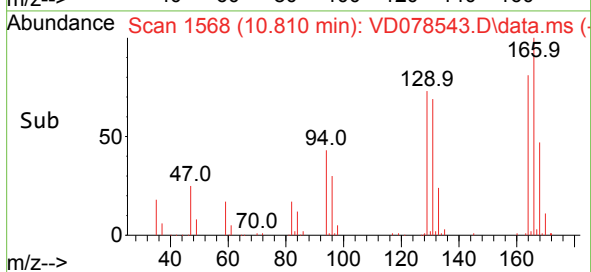
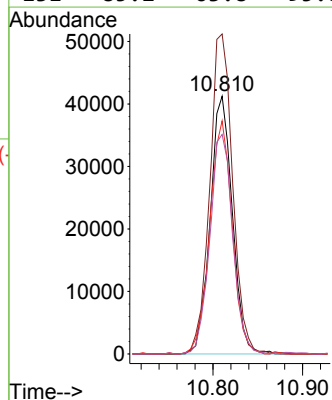
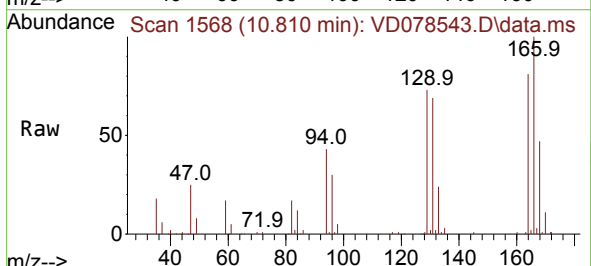
Ion Ratio Lower Upper

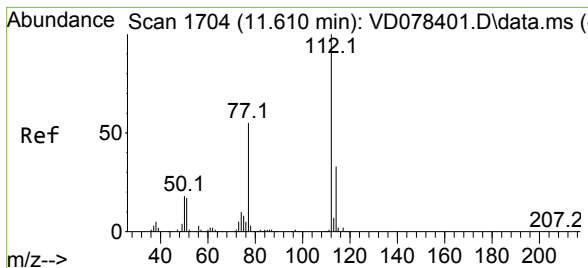
164 100

166 124.2 99.2 148.8

129 90.5 68.4 102.6

131 85.2 63.8 95.8

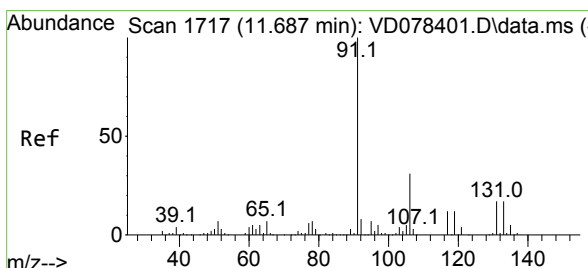
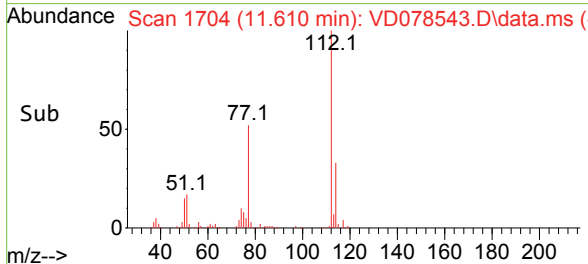
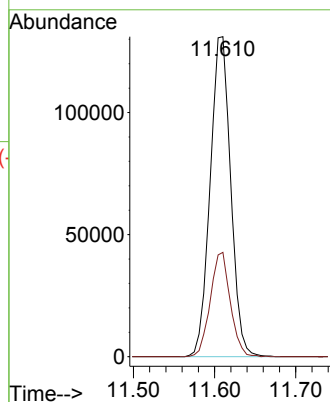
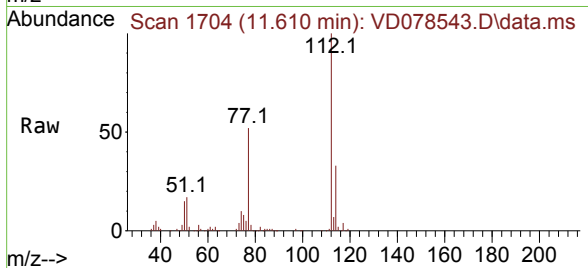




#65
Chlorobenzene
Concen: 60.025 ug/l
RT: 11.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

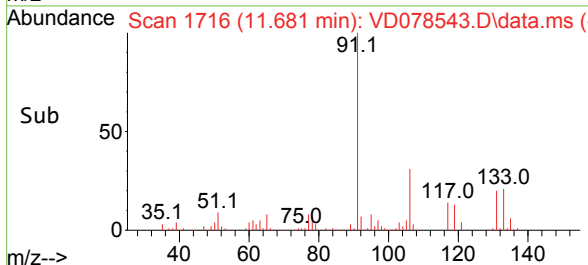
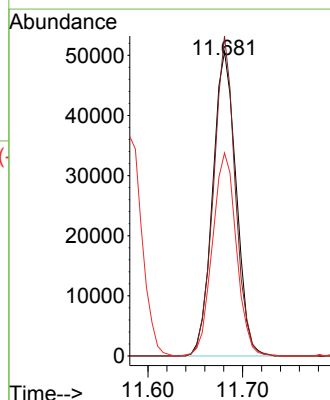
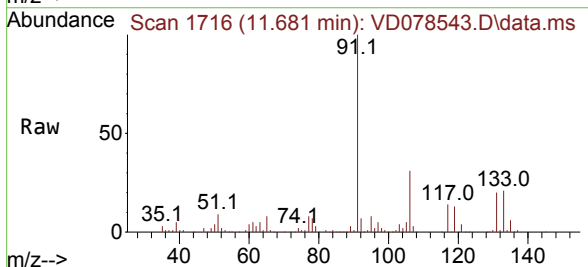
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

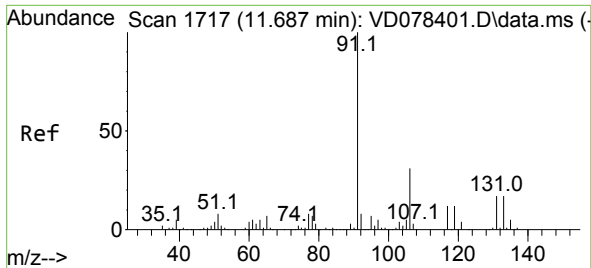
Tgt Ion:112 Resp: 230528
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 61.771 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion:131 Resp: 87183
Ion Ratio Lower Upper
131 100
133 97.5 48.5 145.5
119 68.2 35.6 106.9

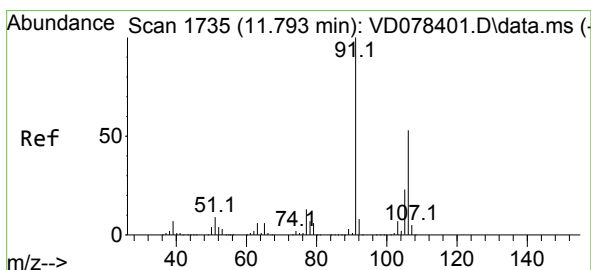
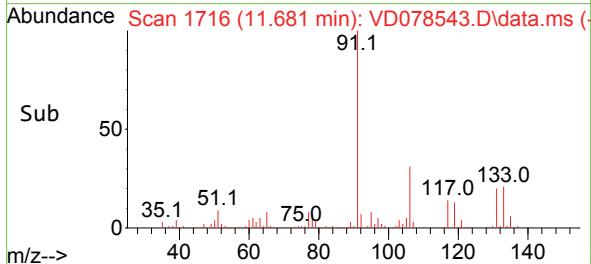
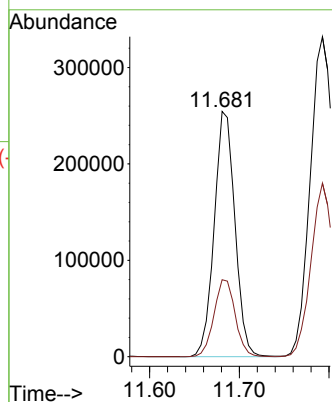
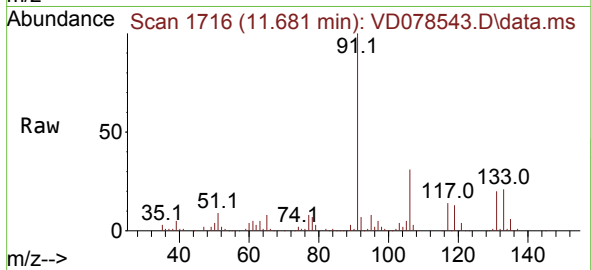




#67
Ethyl Benzene
Concen: 59.272 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

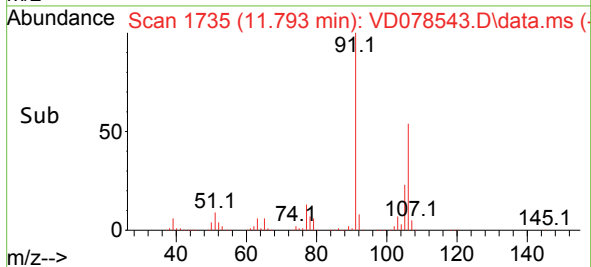
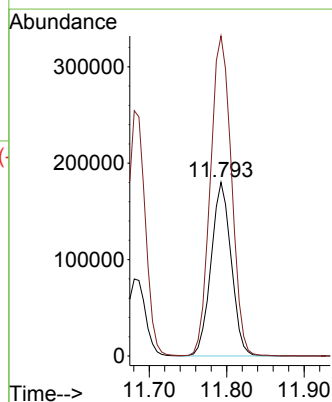
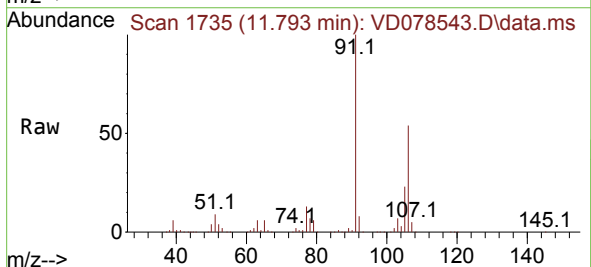
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

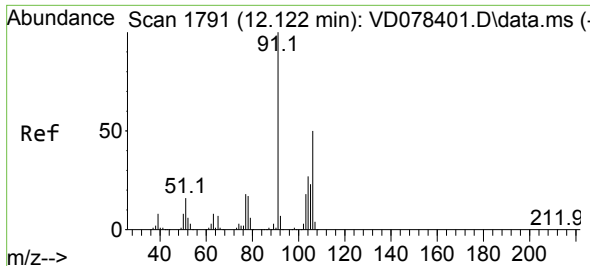
Tgt Ion: 91 Resp: 407866
Ion Ratio Lower Upper
91 100
106 31.4 26.5 39.7



#68
m/p-Xylenes
Concen: 120.982 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 106 Resp: 324736
Ion Ratio Lower Upper
106 100
91 193.1 147.0 220.6

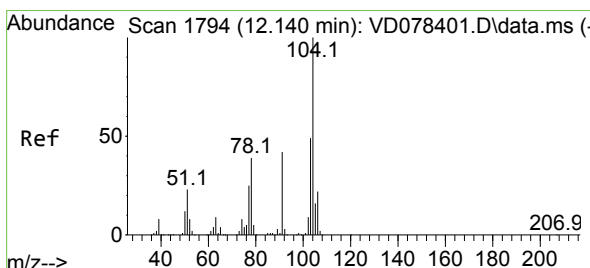
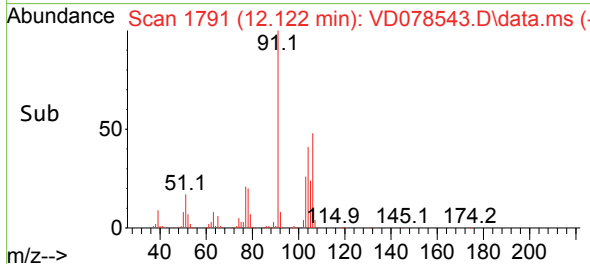
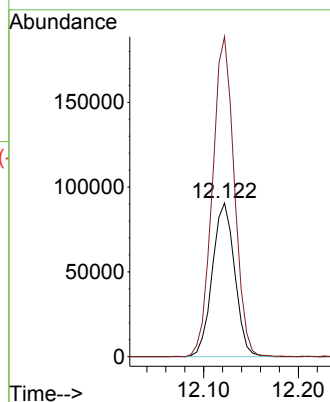
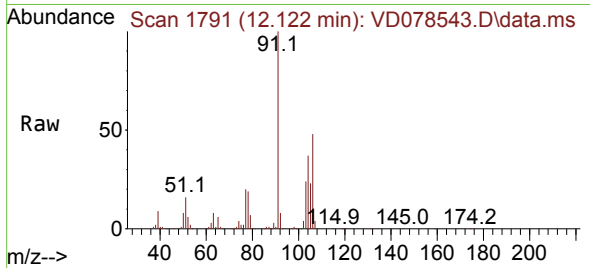




#69
o-Xylene
Concen: 60.715 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

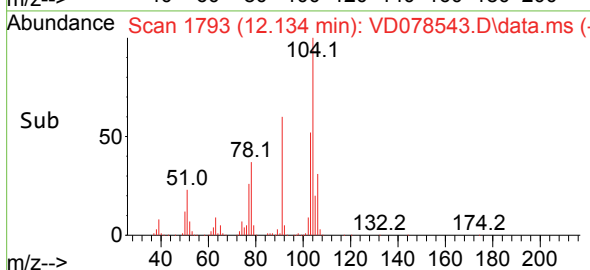
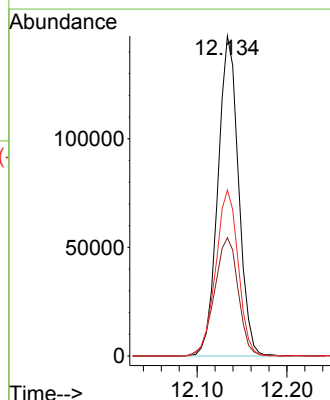
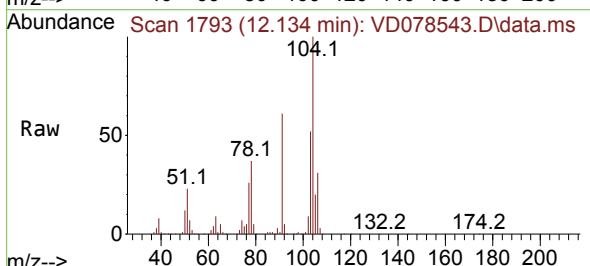
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

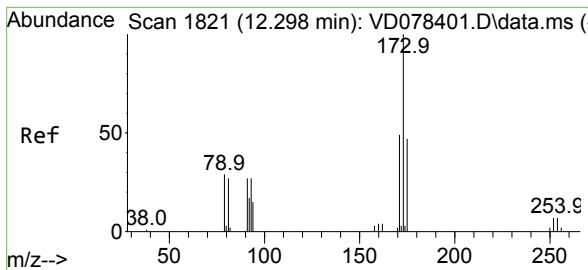
Tgt Ion:106 Resp: 148719
Ion Ratio Lower Upper
106 100
91 203.9 97.9 293.6



#70
Styrene
Concen: 58.784 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion:104 Resp: 235000
Ion Ratio Lower Upper
104 100
78 42.4 33.2 49.8
103 56.5 43.6 65.4

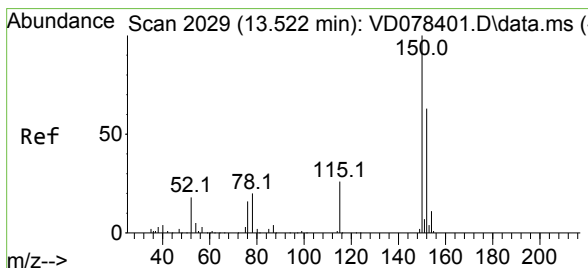
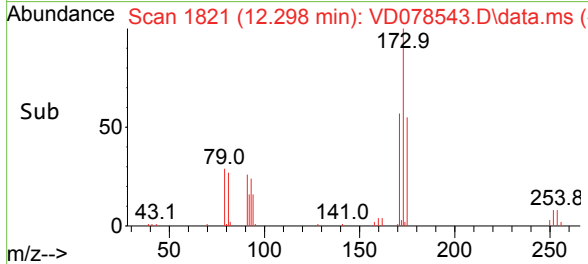
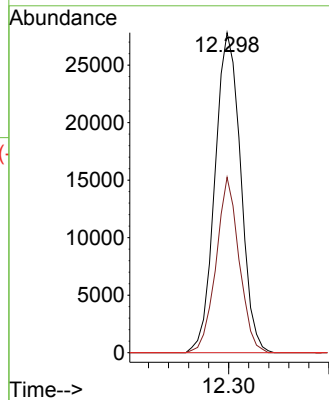
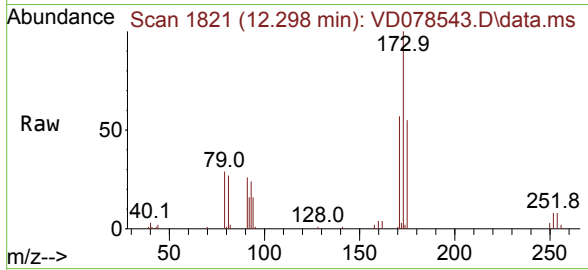




#71
Bromoform
Concen: 66.509 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

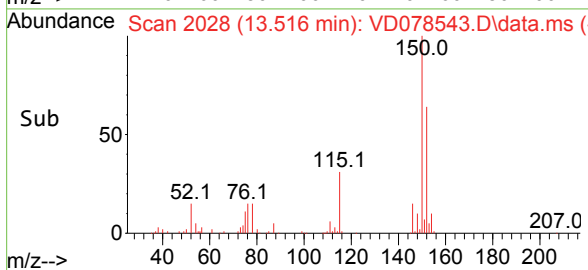
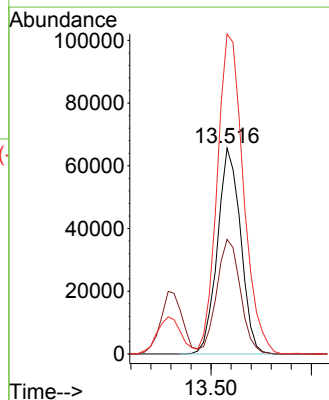
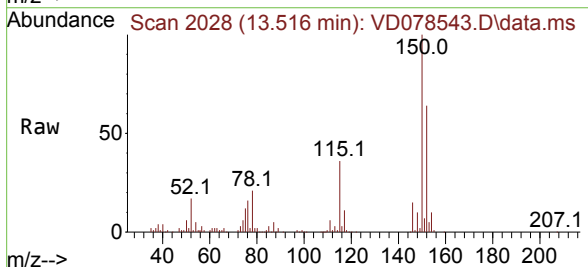
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

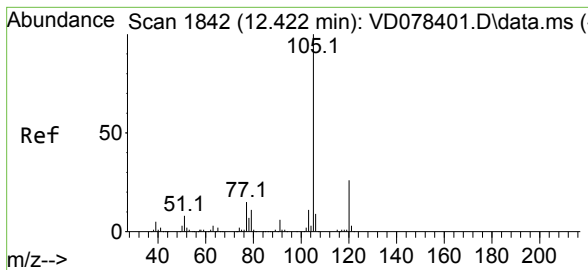
Tgt Ion:173 Resp: 49408
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion:152 Resp: 105357
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.3
150 175.5 0.0 353.6





#73

Isopropylbenzene

Concen: 55.562 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

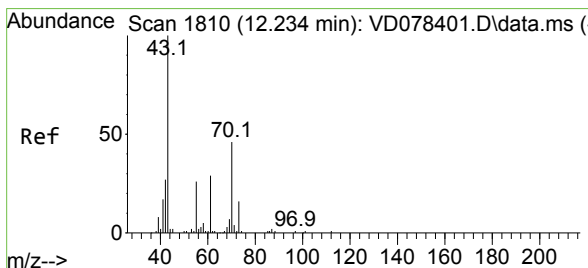
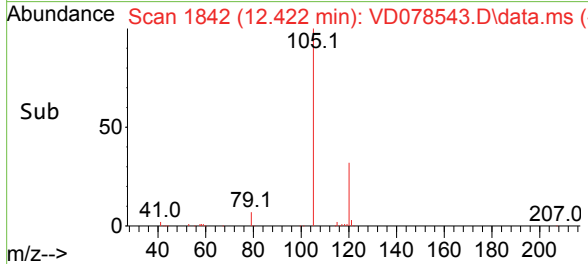
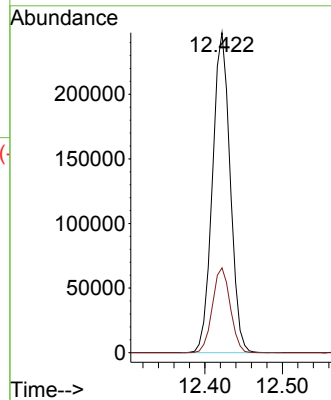
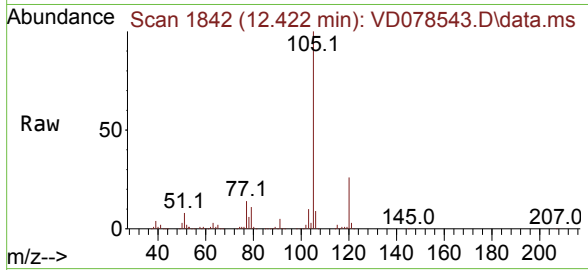
VSTDCCC050EC

Tgt Ion:105 Resp: 393078

Ion Ratio Lower Upper

105 100

120 26.7 14.3 42.9



#74

N-ethyl acetate

Concen: 54.551 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

Tgt Ion: 43 Resp: 73011

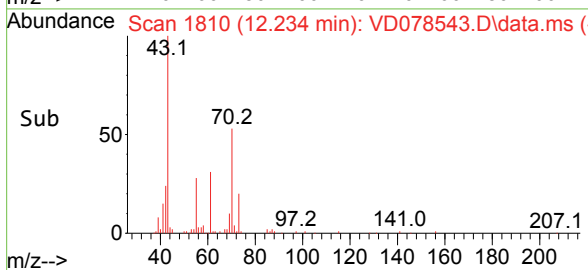
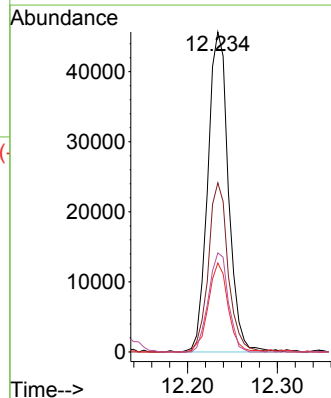
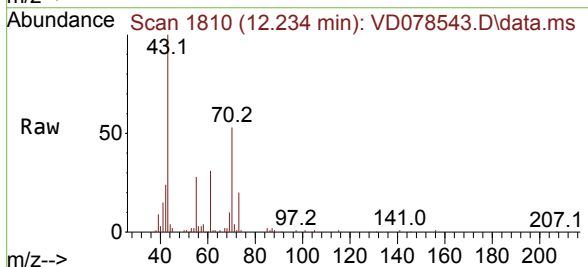
Ion Ratio Lower Upper

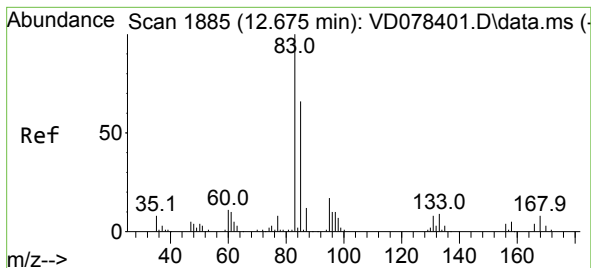
43 100

70 50.7 45.0 67.4

55 26.7 23.8 35.6

61 29.7 22.1 33.1

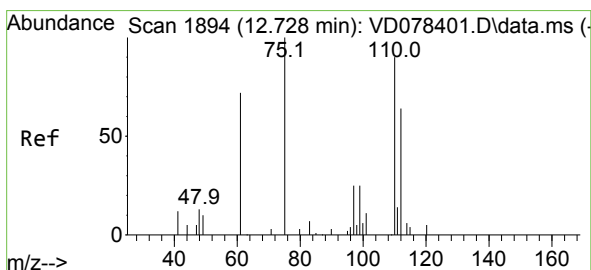
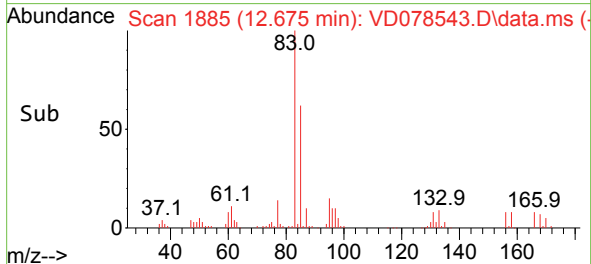
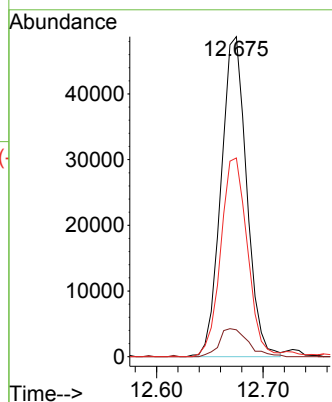
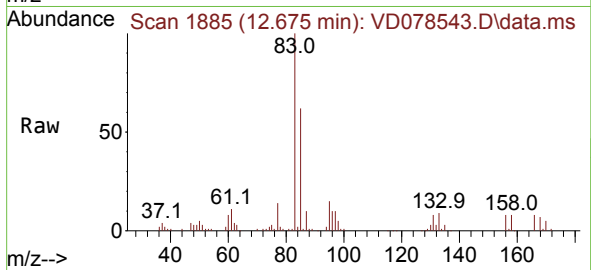




#75
1,1,2,2-Tetrachloroethane
Concen: 57.785 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

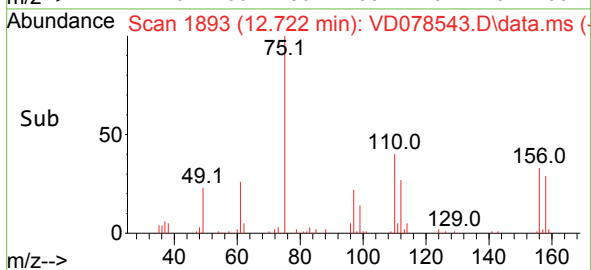
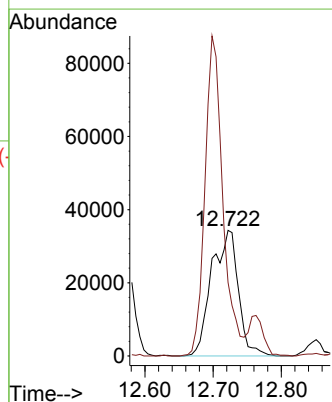
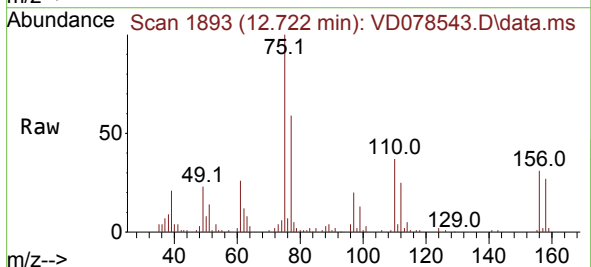
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

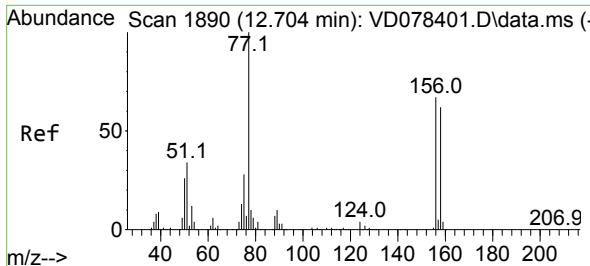
Tgt Ion: 83 Resp: 81094
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.7 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 104.690 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 75 Resp: 93640
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

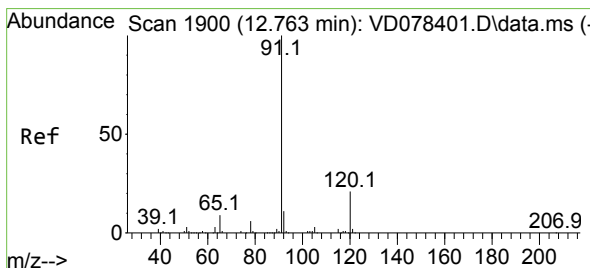
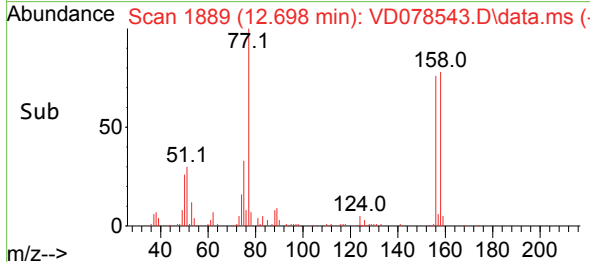
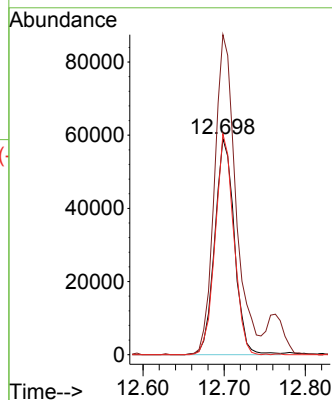
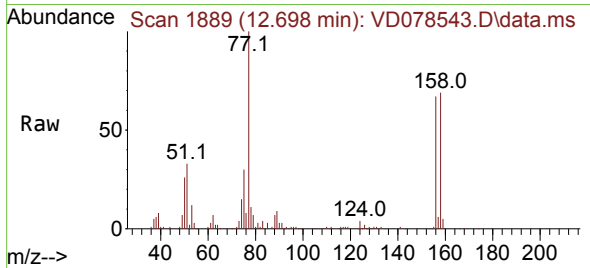




#77
Bromobenzene
Concen: 59.623 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

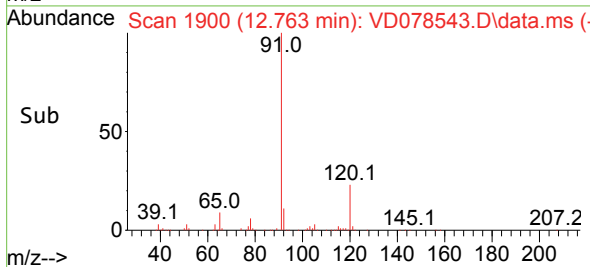
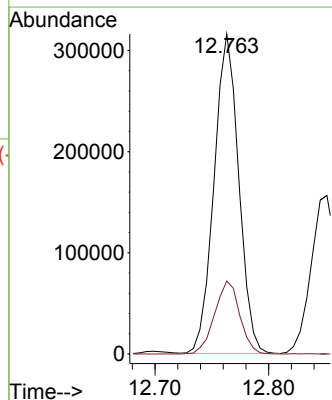
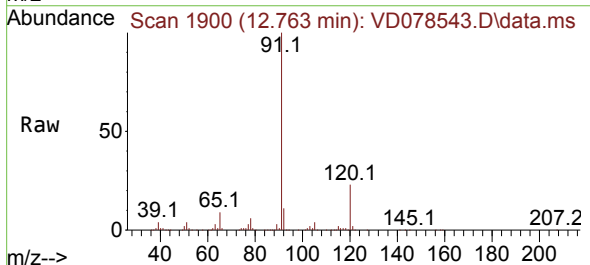
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

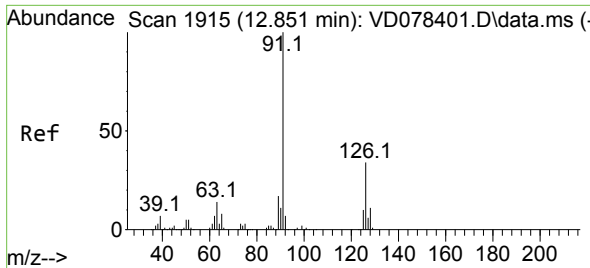
Tgt Ion:156 Resp: 99131
Ion Ratio Lower Upper
156 100
77 161.6 76.8 230.4
158 96.4 48.6 145.9



#78
n-propylbenzene
Concen: 53.967 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 91 Resp: 475789
Ion Ratio Lower Upper
91 100
120 23.2 12.4 37.2

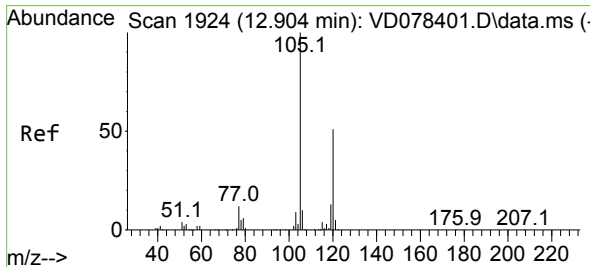
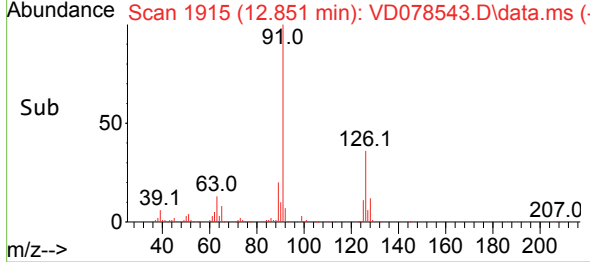
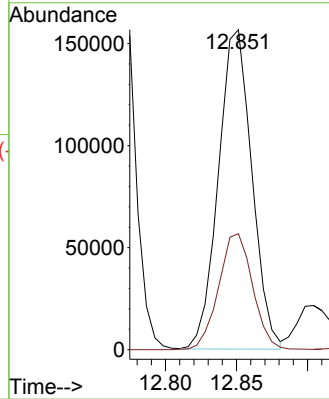
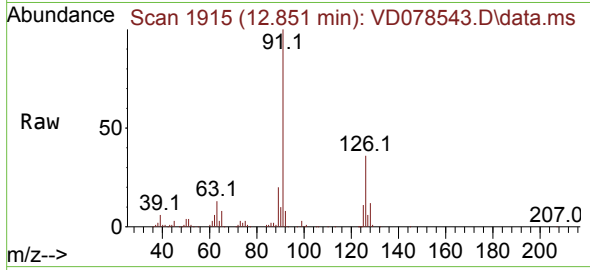




#79
2-Chlorotoluene
Concen: 54.407 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

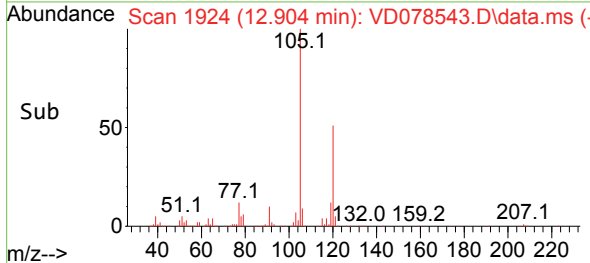
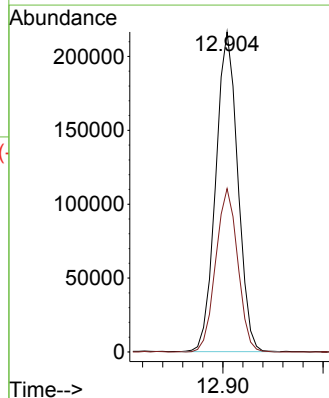
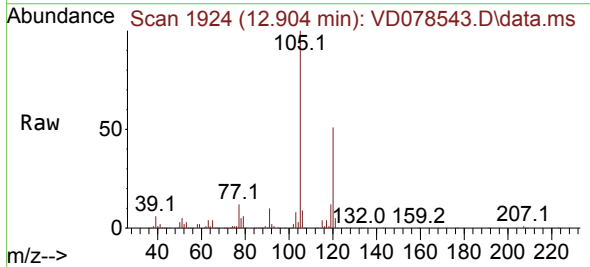
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

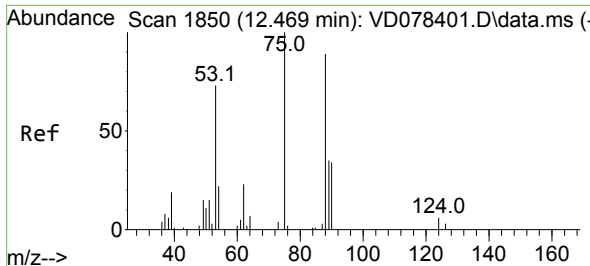
Tgt Ion: 91 Resp: 256911
Ion Ratio Lower Upper
91 100
126 36.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 56.169 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion:105 Resp: 329965
Ion Ratio Lower Upper
105 100
120 51.0 26.4 79.2

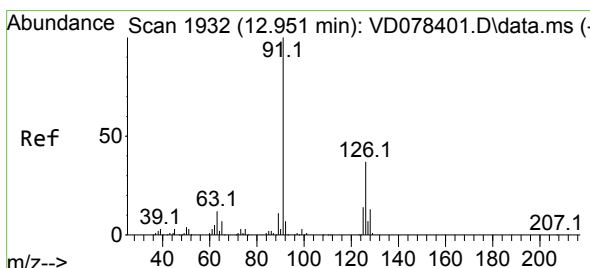
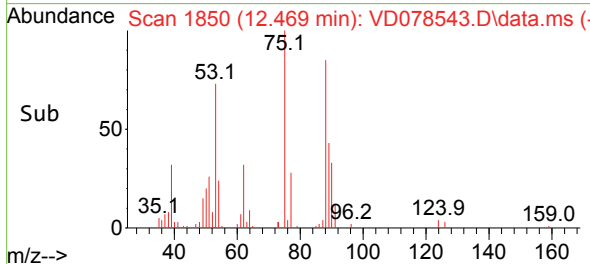
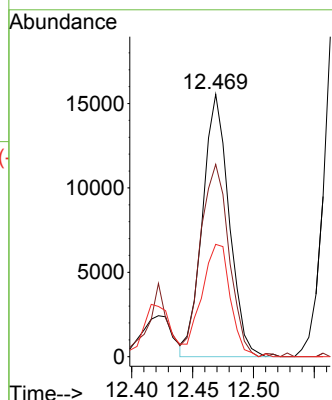
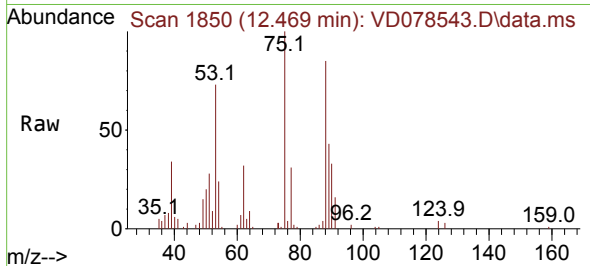




#81
trans-1,4-Dichloro-2-butene
Concen: 54.804 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

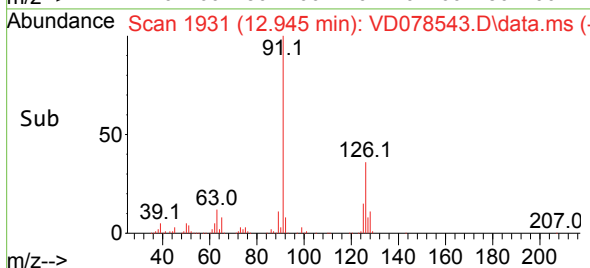
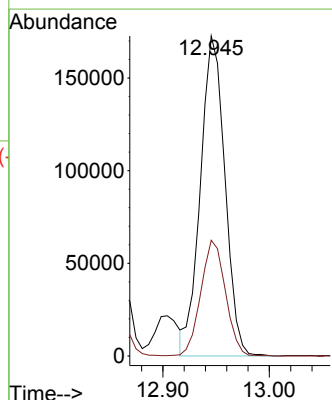
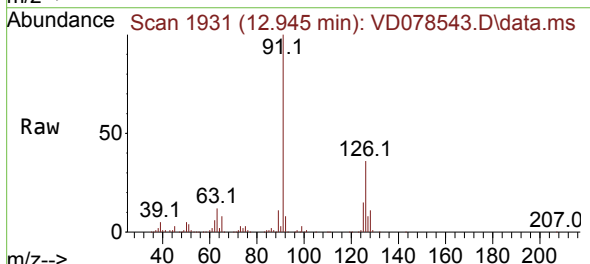
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

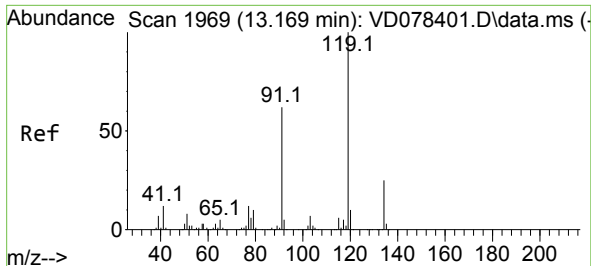
Tgt Ion: 75 Resp: 23612
Ion Ratio Lower Upper
75 100
53 78.7 63.0 94.4
89 45.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 54.479 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 91 Resp: 276293
Ion Ratio Lower Upper
91 100
126 36.4 19.4 58.4

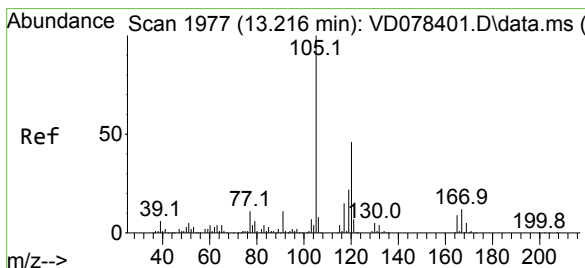
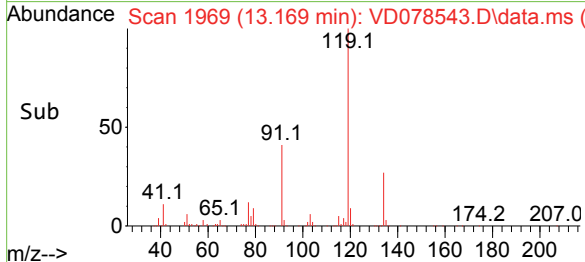
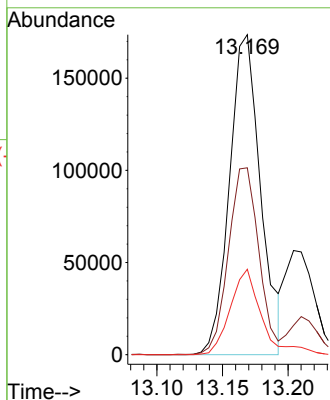
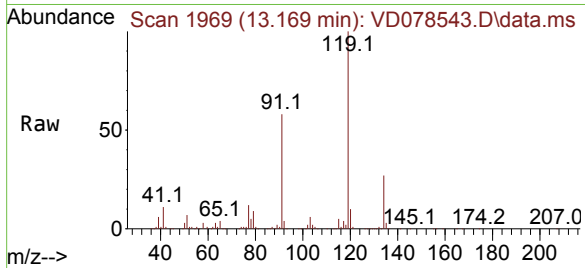




#83
 tert-Butylbenzene
 Concen: 57.966 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD078543.D
 Acq: 23 Feb 2024 18:34

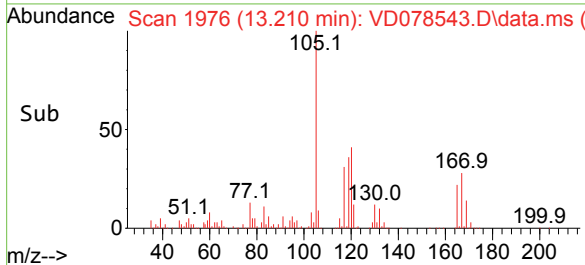
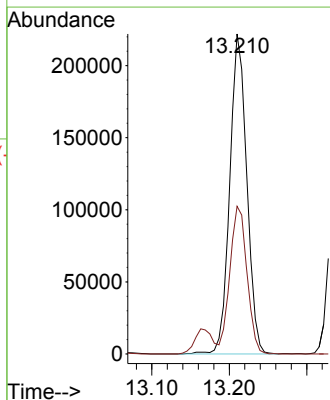
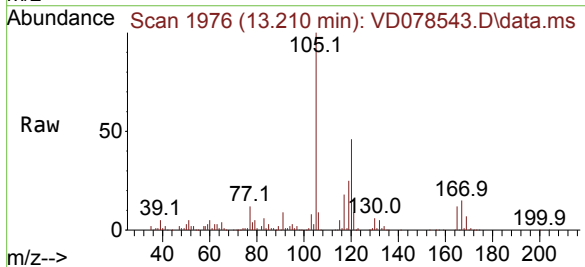
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

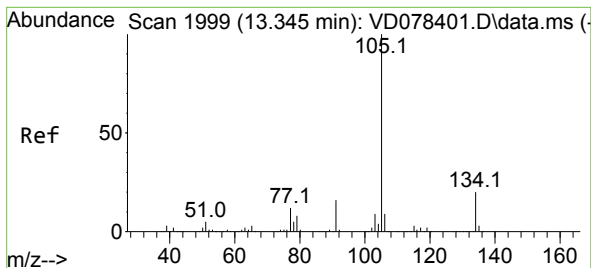
Tgt Ion:119 Resp: 287181
 Ion Ratio Lower Upper
 119 100
 91 57.3 29.3 87.8
 134 26.8 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 56.755 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: VD078543.D
 Acq: 23 Feb 2024 18:34

Tgt Ion:105 Resp: 338372
 Ion Ratio Lower Upper
 105 100
 120 46.3 24.3 72.9





#85

sec-Butylbenzene

Concen: 55.431 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

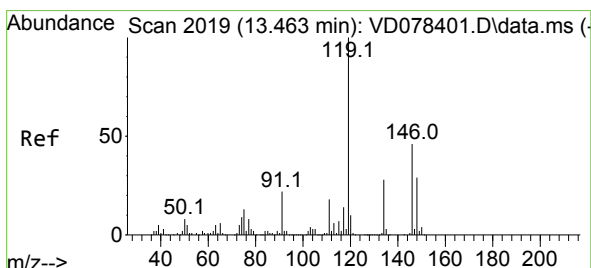
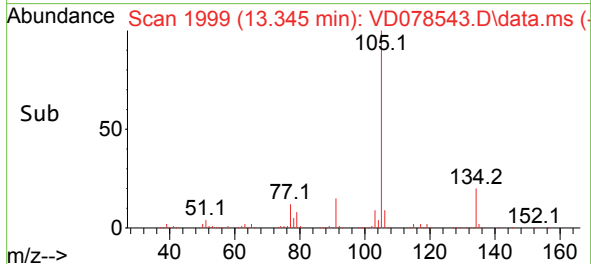
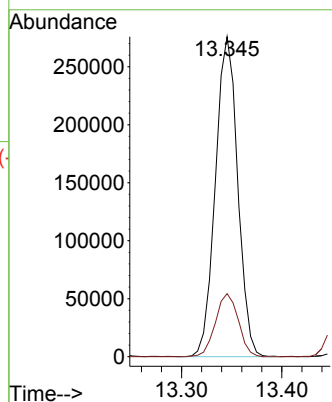
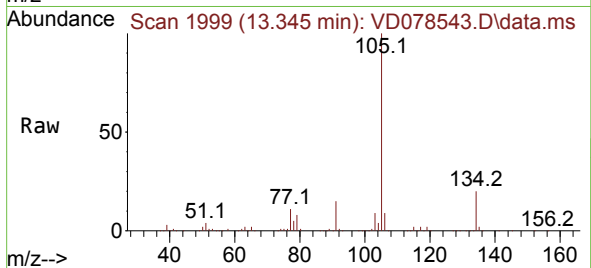
VSTDCCC050EC

Tgt Ion:105 Resp: 425898

Ion Ratio Lower Upper

105 100

134 20.2 10.9 32.9



#86

p-Isopropyltoluene

Concen: 57.645 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

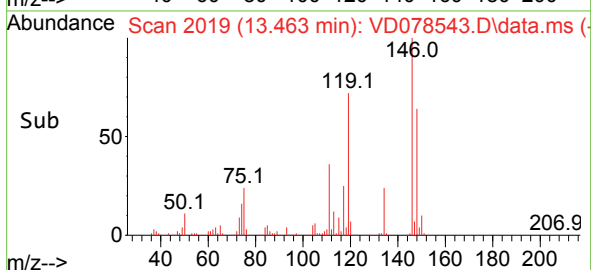
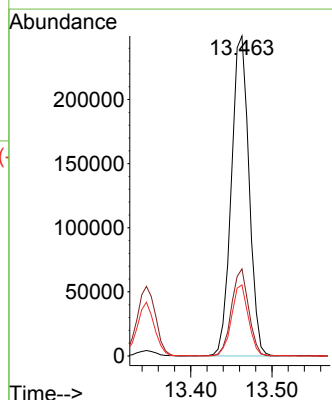
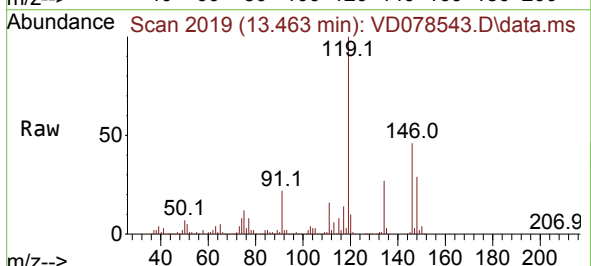
Tgt Ion:119 Resp: 377245

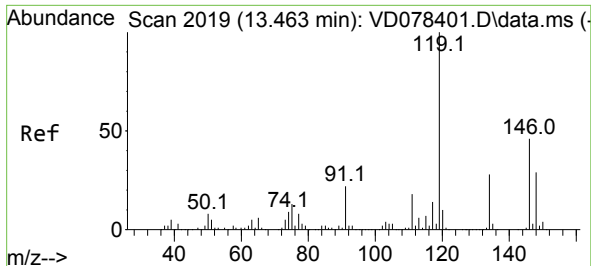
Ion Ratio Lower Upper

119 100

134 26.4 14.2 42.6

91 21.3 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 57.066 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

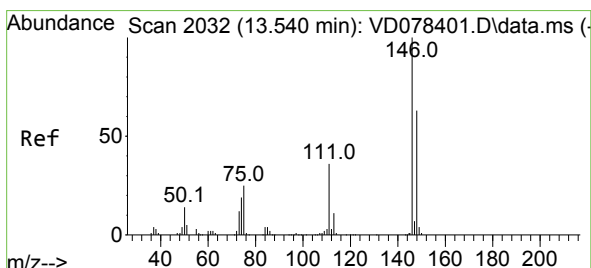
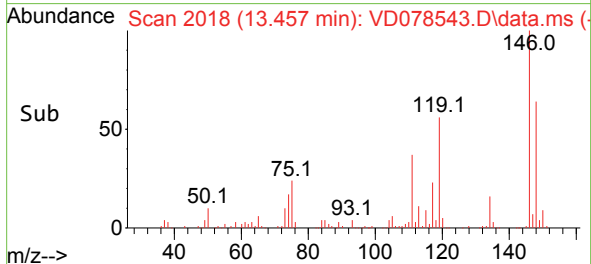
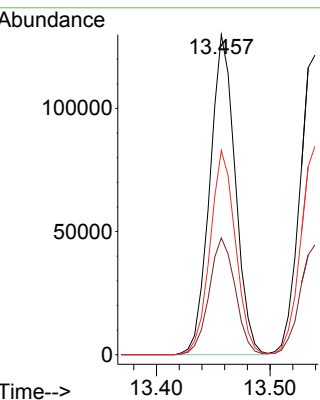
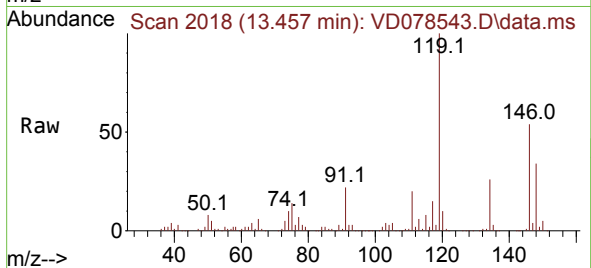
Tgt Ion:146 Resp: 202503

Ion Ratio Lower Upper

146 100

111 37.4 17.9 53.8

148 63.6 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 56.519 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

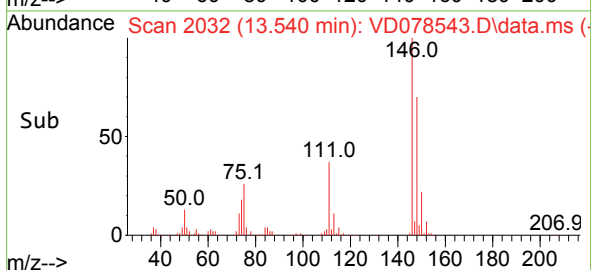
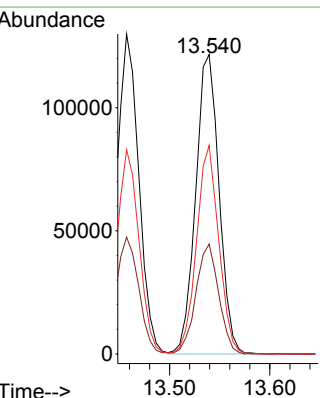
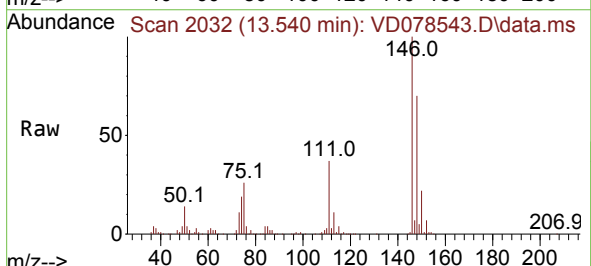
Tgt Ion:146 Resp: 197067

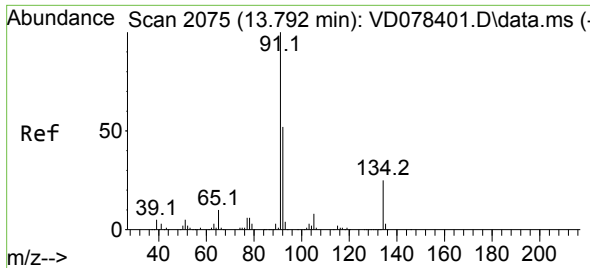
Ion Ratio Lower Upper

146 100

111 36.0 17.4 52.3

148 66.3 31.7 95.1

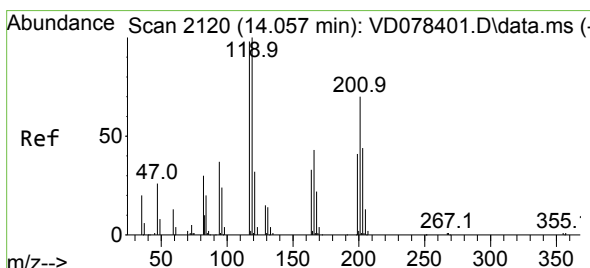
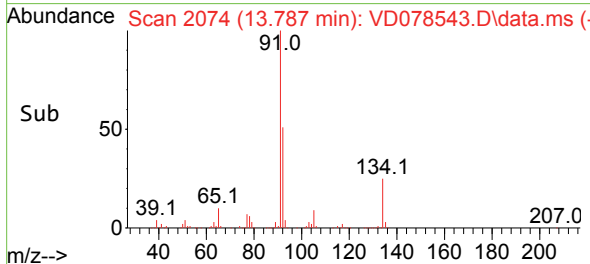
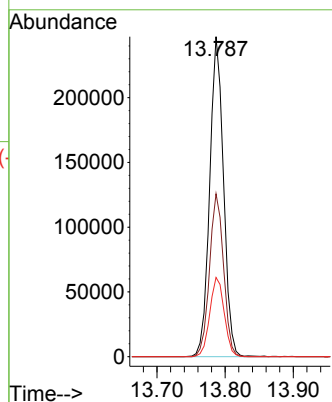
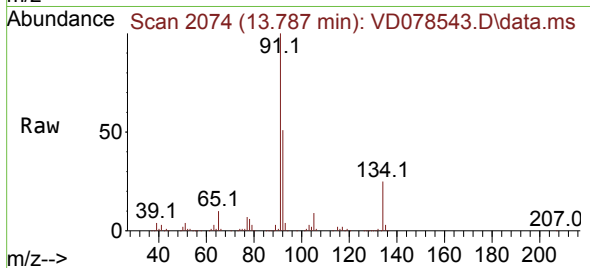




#89
n-Butylbenzene
Concen: 55.295 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

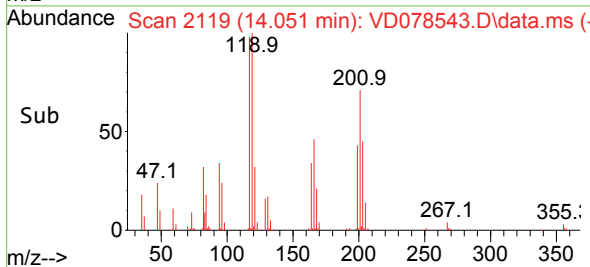
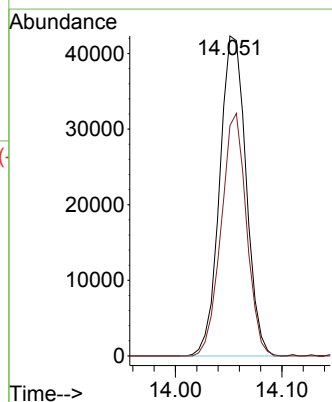
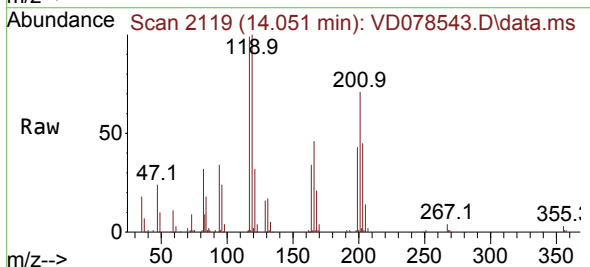
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

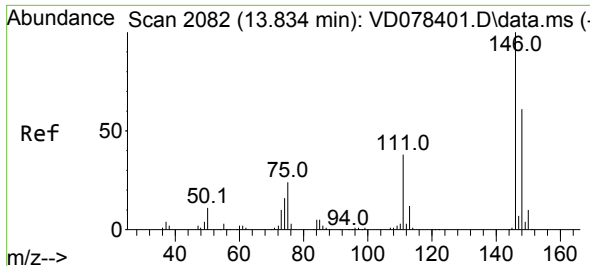
Tgt Ion: 91 Resp: 348790
Ion Ratio Lower Upper
91 100
92 51.7 26.5 79.5
134 25.9 13.8 41.3



#90
Hexachloroethane
Concen: 54.016 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 117 Resp: 72655
Ion Ratio Lower Upper
117 100
201 72.8 38.5 115.5

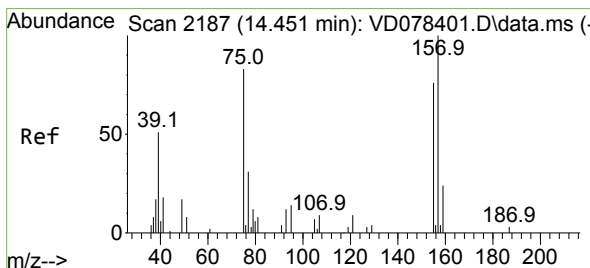
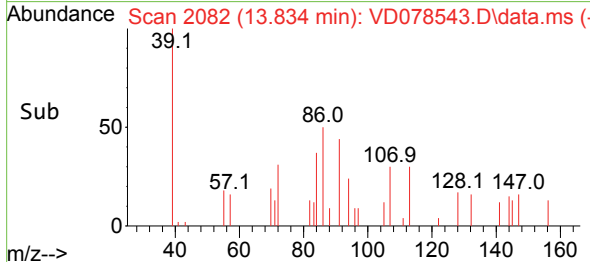
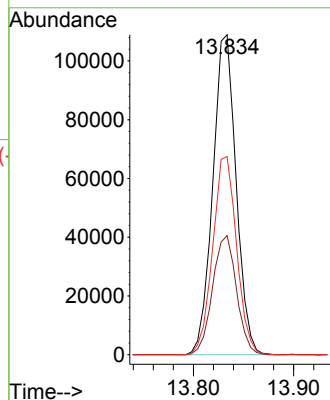
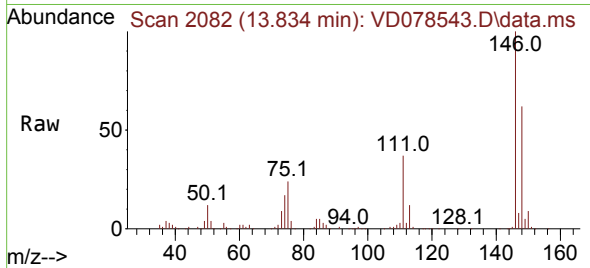




#91
1,2-Dichlorobenzene
Concen: 59.045 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

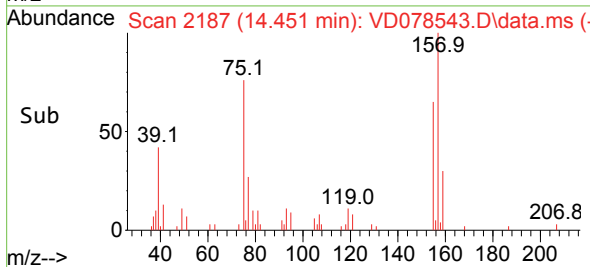
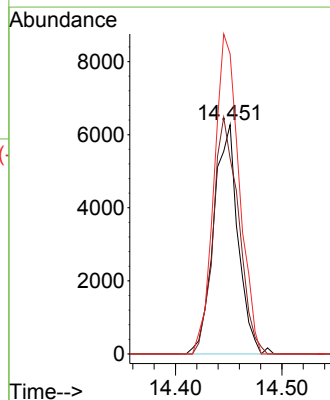
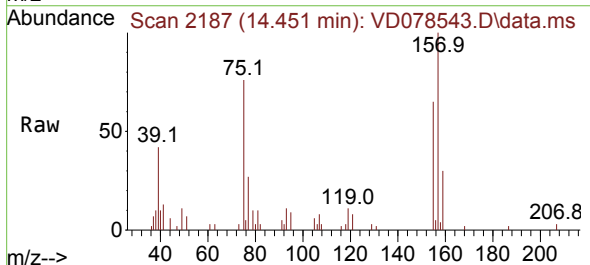
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

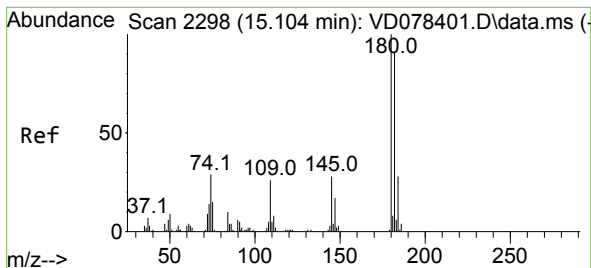
Tgt Ion:146 Resp: 175947
Ion Ratio Lower Upper
146 100
111 38.2 18.3 54.8
148 63.5 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.311 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion: 75 Resp: 9980
Ion Ratio Lower Upper
75 100
155 106.4 47.9 143.8
157 143.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 61.499 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

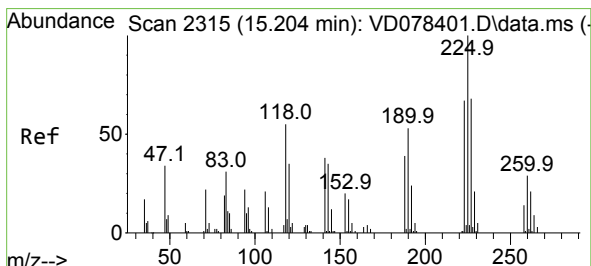
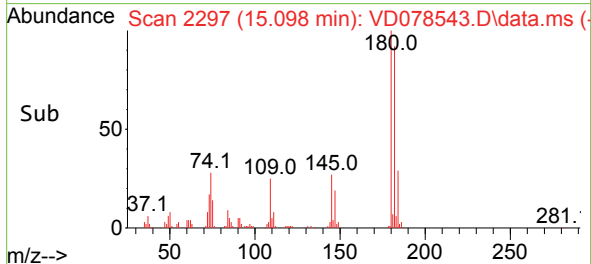
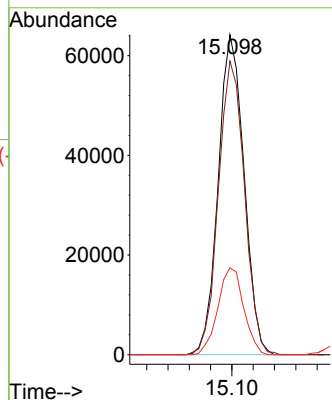
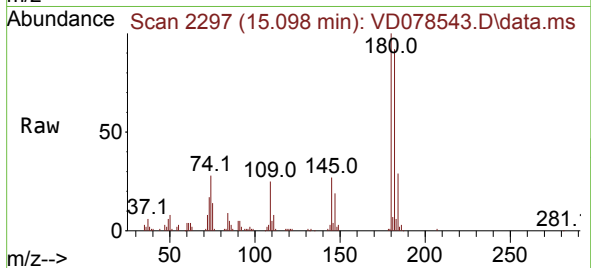
Tgt Ion:180 Resp: 107701

Ion Ratio Lower Upper

180 100

182 92.8 48.5 145.6

145 27.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 61.372 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078543.D

Acq: 23 Feb 2024 18:34

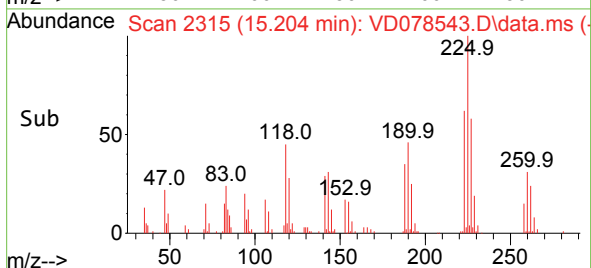
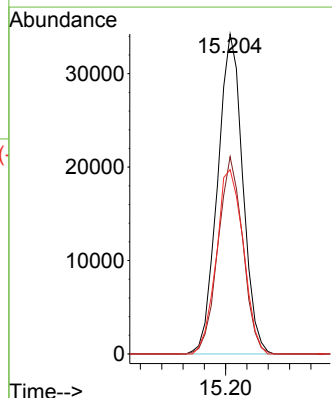
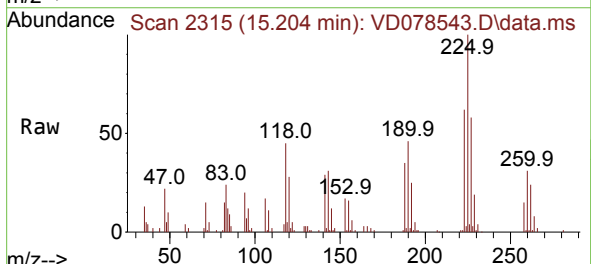
Tgt Ion:225 Resp: 56100

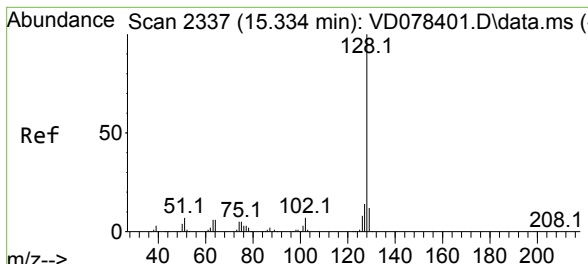
Ion Ratio Lower Upper

225 100

223 60.7 31.6 94.8

227 61.8 31.7 95.1

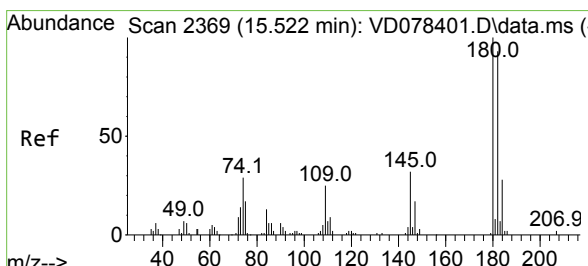
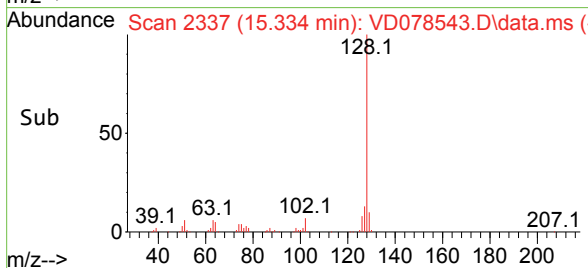
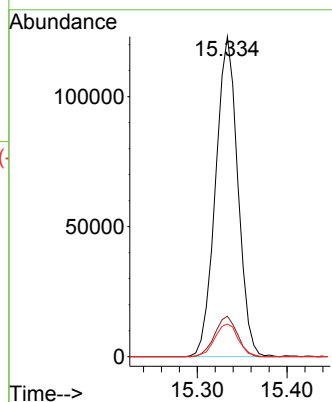
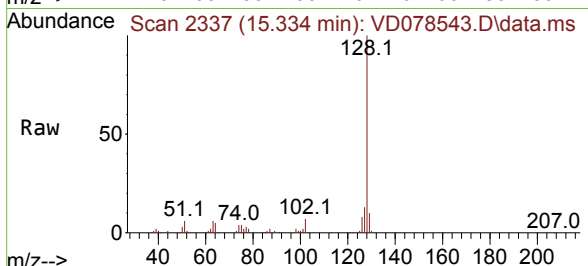




#95
Naphthalene
Concen: 65.226 ug/l
RT: 15.334 min Scan# 211867
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	211867
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	10.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 64.125 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078543.D
Acq: 23 Feb 2024 18:34

Tgt Ion:	180	Resp:	95175
Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	141.9
145	30.5	15.1	45.3

