

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078582.D
 Acq On : 04 Mar 2024 10:47
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 05 04:11:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	169125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	275568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	250929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	135553	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80237	47.859	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.720%
35) Dibromofluoromethane	7.804	113	90203	50.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.640%
50) Toluene-d8	10.269	98	360379	51.738	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.480%
62) 4-Bromofluorobenzene	12.569	95	105834	53.197	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	74097	56.665	ug/l	99
3) Chloromethane	2.152	50	147307	62.964	ug/l	99
4) Vinyl Chloride	2.281	62	230454	55.436	ug/l	99
5) Bromomethane	2.687	94	157553	47.453	ug/l	99
6) Chloroethane	2.834	64	167473	54.353	ug/l	98
7) Trichlorofluoromethane	3.169	101	149179	53.070	ug/l	97
8) Diethyl Ether	3.593	74	42791	54.212	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	93311	52.669	ug/l	98
10) Methyl Iodide	4.163	142	93146	50.243	ug/l	92
11) Tert butyl alcohol	5.063	59	22245	282.377	ug/l	99
12) 1,1-Dichloroethene	3.940	96	86007	52.002	ug/l	90
13) Acrolein	3.799	56	43266	260.221	ug/l	96
14) Allyl chloride	4.563	41	96127	51.029	ug/l	94
15) Acrylonitrile	5.257	53	89459	274.905	ug/l	99
16) Acetone	4.028	43	84170	262.056	ug/l	87
17) Carbon Disulfide	4.269	76	281995	51.176	ug/l	95
18) Methyl Acetate	4.569	43	38810	63.837	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	188268	55.986	ug/l	97
20) Methylene Chloride	4.799	84	116539	53.828	ug/l	93
21) trans-1,2-Dichloroethene	5.310	96	105098	52.886	ug/l	96
22) Diisopropyl ether	6.216	45	224127	53.066	ug/l	96
23) Vinyl Acetate	6.157	43	684438	272.856	ug/l	97
24) 1,1-Dichloroethane	6.110	63	160156	50.193	ug/l	98
25) 2-Butanone	7.087	43	110163	271.903	ug/l	88
26) 2,2-Dichloropropane	7.075	77	141855	52.625	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	114535	52.636	ug/l	99
28) Bromochloromethane	7.428	49	57682	48.390	ug/l	93
29) Tetrahydrofuran	7.445	42	64041	284.511	ug/l	95
30) Chloroform	7.598	83	172837	50.168	ug/l	96
31) Cyclohexane	7.875	56	132739	50.585	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	157873	53.417	ug/l	97
36) 1,1-Dichloropropene	8.010	75	136866	55.176	ug/l	98
37) Ethyl Acetate	7.169	43	46239	57.531	ug/l	98
38) Carbon Tetrachloride	7.992	117	141880	54.686	ug/l	98
39) Methylcyclohexane	9.275	83	170696	58.631	ug/l	98
40) Benzene	8.251	78	399781	54.374	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	26861	62.354	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	96283	51.620	ug/l	100
43) Isopropyl Acetate	8.357	43	83773	54.367	ug/l	98
44) Trichloroethene	9.028	130	109976	54.508	ug/l	100
45) 1,2-Dichloropropane	9.298	63	93593	52.992	ug/l	94
46) Dibromomethane	9.392	93	57353	56.329	ug/l	93
47) Bromodichloromethane	9.581	83	134471	53.562	ug/l	97
48) Methyl methacrylate	9.381	41	41501	59.457	ug/l	89
49) 1,4-Dioxane	9.387	88	13444	1181.401	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	231178	290.670	ug/l	96
52) Toluene	10.334	92	261159	55.358	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	128660	55.397	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	150825	54.238	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	76264	53.194	ug/l	93
56) Ethyl methacrylate	10.598	69	84849	59.047	ug/l	96
57) 1,3-Dichloropropane	10.881	76	124801	53.717	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	176000	281.735	ug/l	100
59) 2-Hexanone	10.922	43	176154	298.612	ug/l	94
60) Dibromochloromethane	11.075	129	97057	56.066	ug/l	97
61) 1,2-Dibromoethane	11.181	107	74974	56.981	ug/l	99
64) Tetrachloroethene	10.810	164	93414	59.166	ug/l	94
65) Chlorobenzene	11.604	112	278742	56.409	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	103840	56.447	ug/l	95
67) Ethyl Benzene	11.681	91	496667	58.008	ug/l	98
68) m/p-Xylenes	11.792	106	408883	118.043	ug/l	96
69) o-Xylene	12.122	106	187015	59.515	ug/l	97
70) Styrene	12.133	104	324014	59.488	ug/l	99
71) Bromoform	12.298	173	59197	60.489	ug/l #	98
73) Isopropylbenzene	12.422	105	488464	56.846	ug/l	96
74) N-amyl acetate	12.233	43	82589	57.105	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	87978	53.446	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	105304	101.716	ug/l #	100
77) Bromobenzene	12.698	156	114868	55.276	ug/l	96
78) n-propylbenzene	12.763	91	601717	57.249	ug/l	96
79) 2-Chlorotoluene	12.845	91	316152	56.054	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	412313	58.968	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.463	75	28919	59.790	ug/l	98
82) 4-Chlorotoluene	12.945	91	335703	55.850	ug/l	100
83) tert-Butylbenzene	13.163	119	350808	58.268	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	410912	57.497	ug/l	99
85) sec-Butylbenzene	13.345	105	551082	58.673	ug/l	97
86) p-Isopropyltoluene	13.457	119	476710	60.291	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	250283	56.366	ug/l	100
88) 1,4-Dichlorobenzene	13.533	146	246351	55.377	ug/l	99
89) n-Butylbenzene	13.786	91	437496	59.209	ug/l	98
90) Hexachloroethane	14.051	117	90705	56.419	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	210717	55.867	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.439	75	12088	55.092	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	128486	57.528	ug/l	98
94) Hexachlorobutadiene	15.204	225	71777	58.408	ug/l	99
95) Naphthalene	15.327	128	249442	63.204	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	118048	59.514	ug/l	98

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

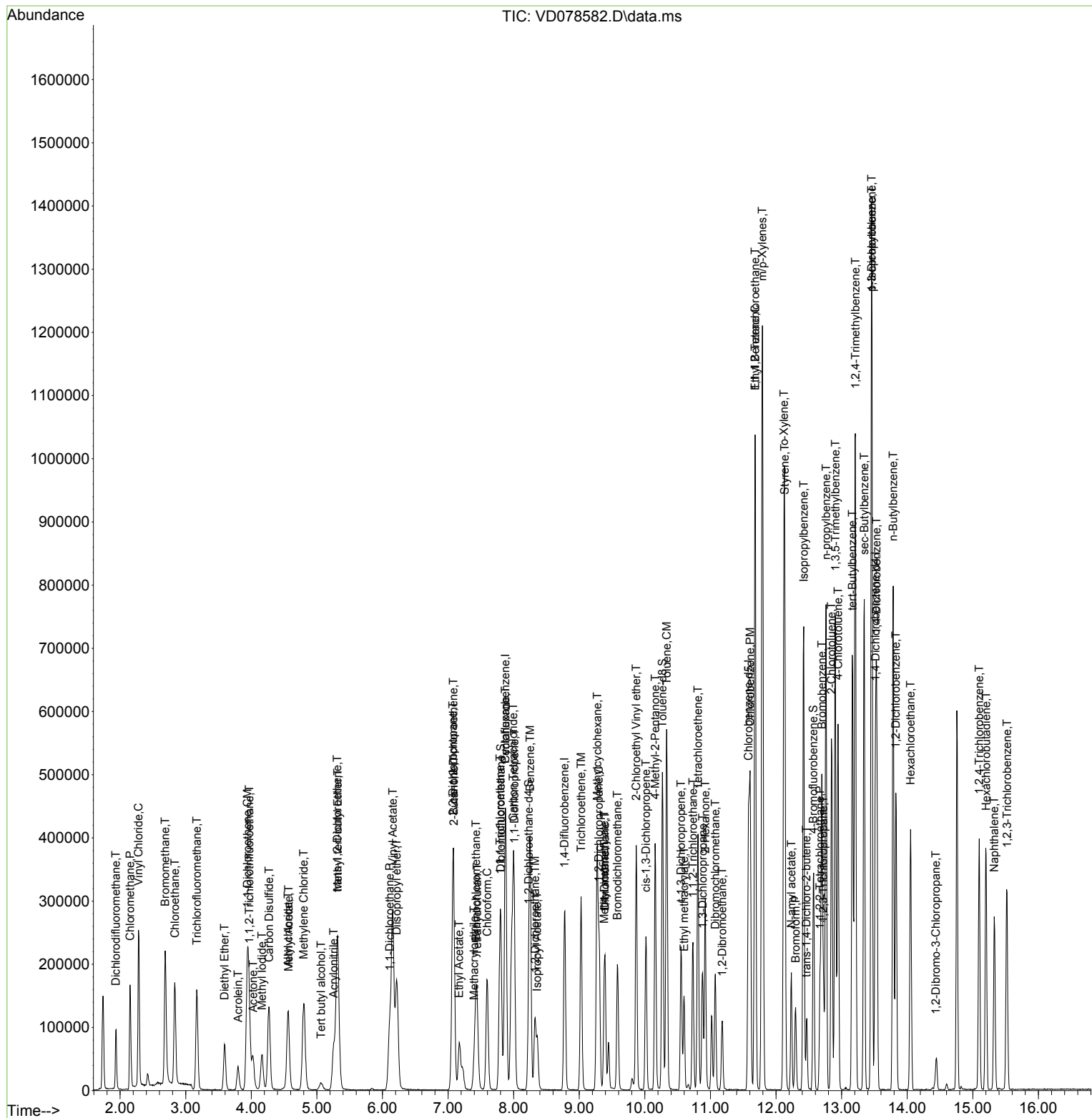
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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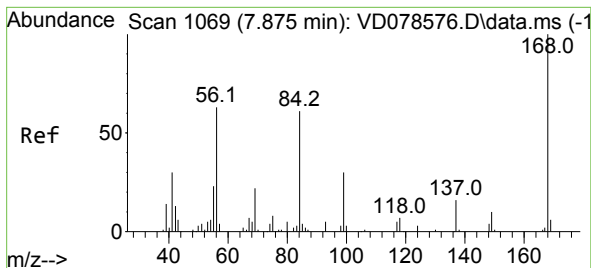
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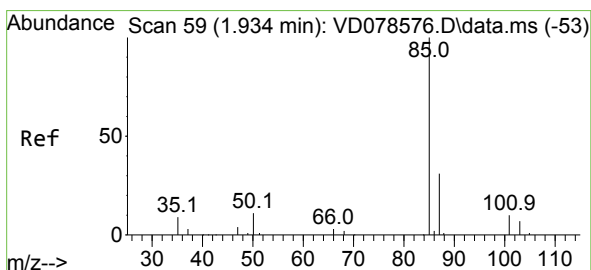
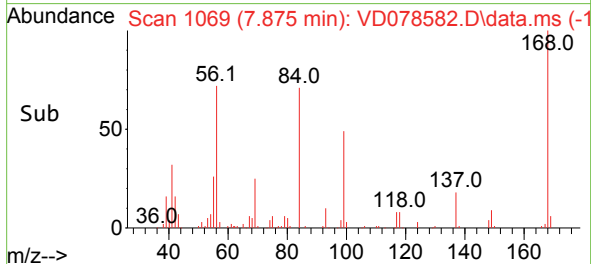
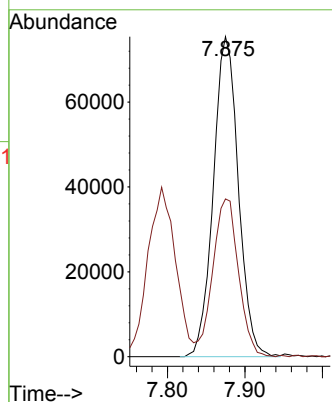
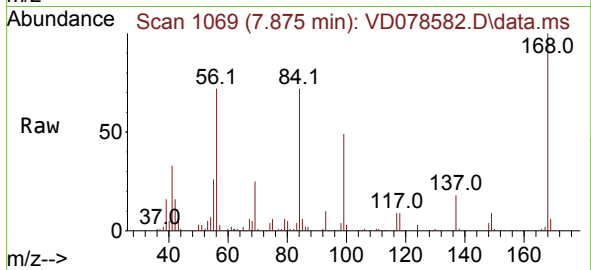




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078582.D
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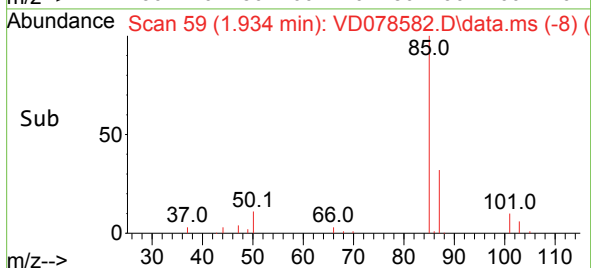
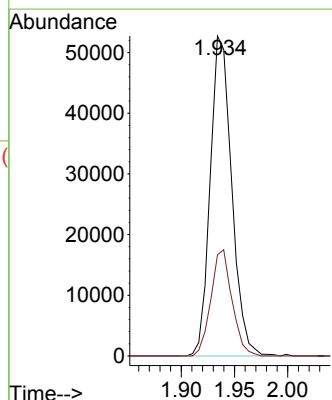
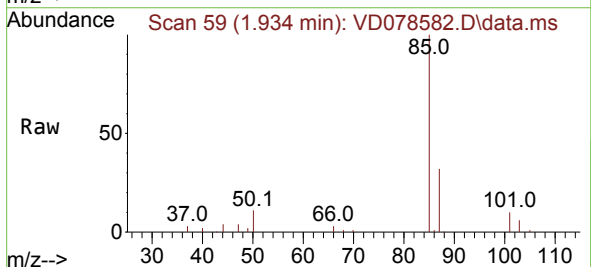
Instrument :
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VSTDCCC050

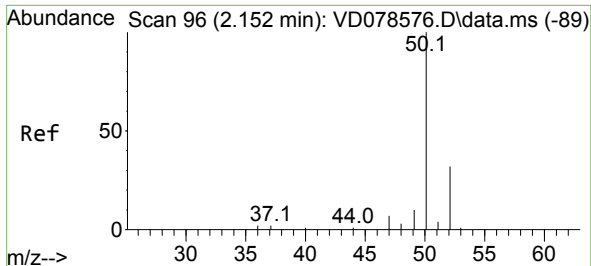
Tgt Ion:168 Resp: 169125
Ion Ratio Lower Upper
168 100
99 48.9 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 56.665 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 85 Resp: 74097
Ion Ratio Lower Upper
85 100
87 31.6 15.7 47.0

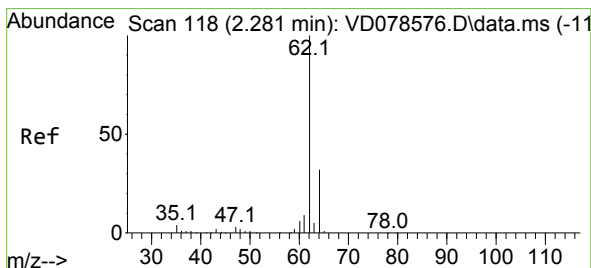
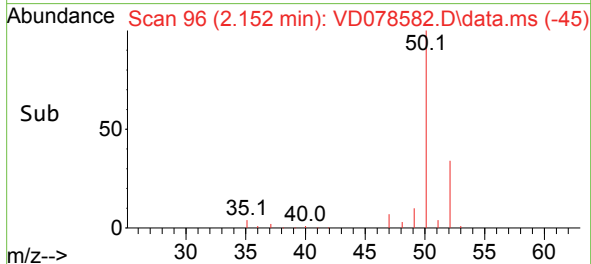
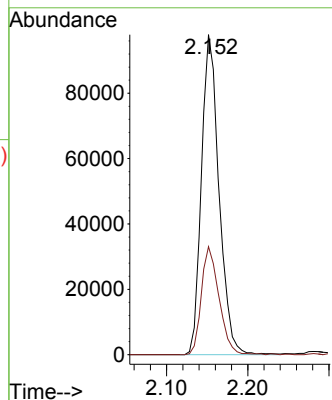
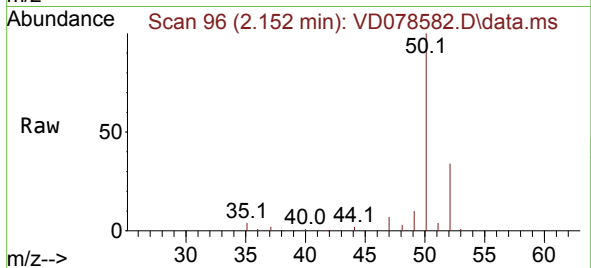




#3
Chloromethane
Concen: 62.964 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

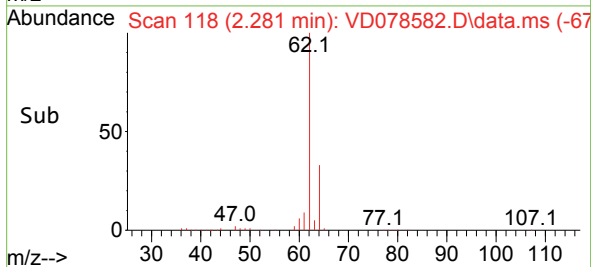
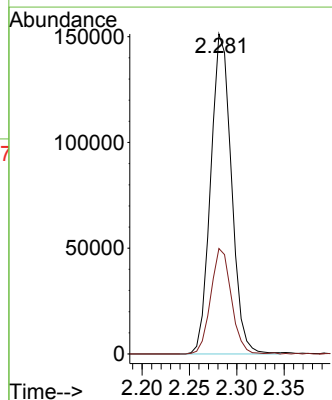
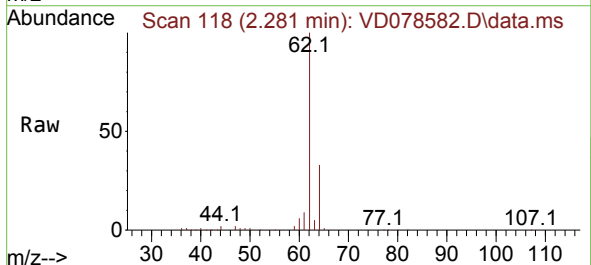
Instrument :
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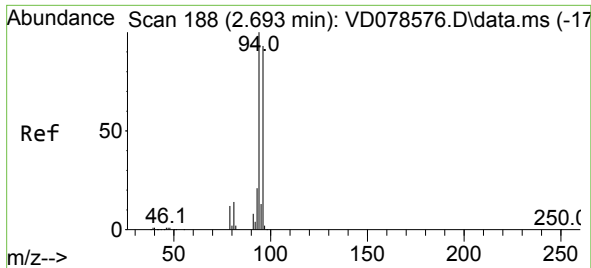
Tgt Ion: 50 Resp: 147307
Ion Ratio Lower Upper
50 100
52 33.8 26.6 40.0



#4
Vinyl Chloride
Concen: 55.436 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 62 Resp: 230454
Ion Ratio Lower Upper
62 100
64 33.0 26.0 39.0

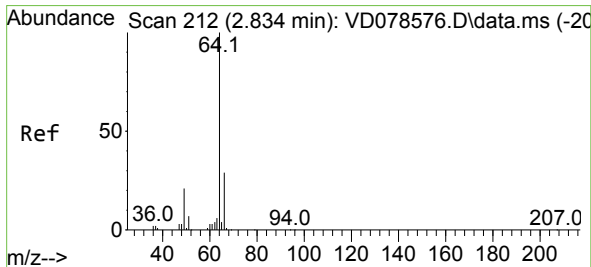
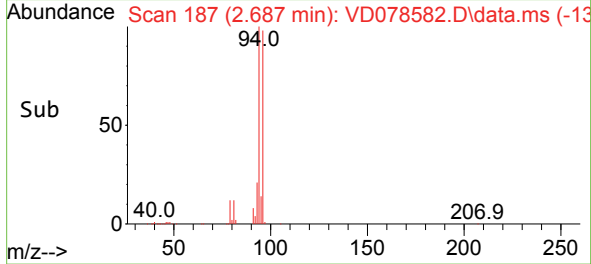
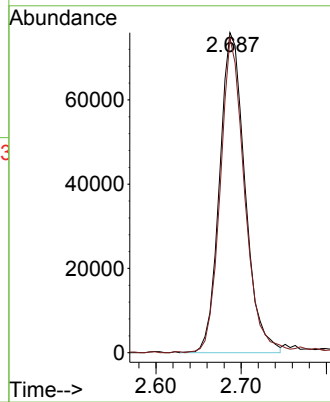
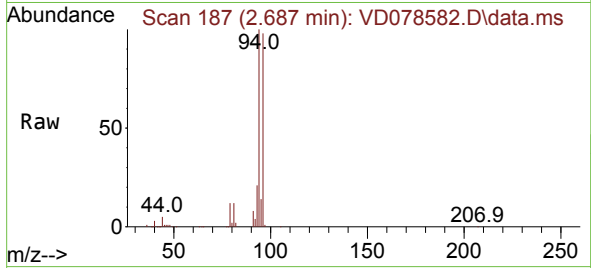




#5
Bromomethane
Concen: 47.453 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD078582.D
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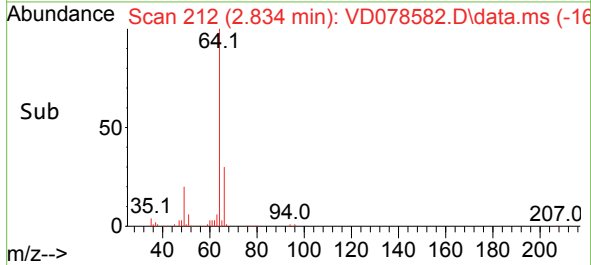
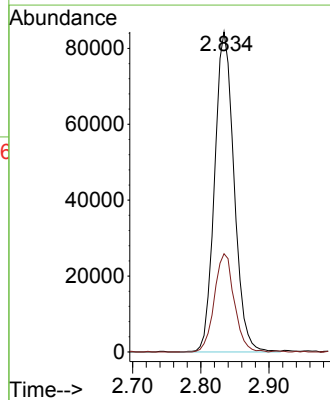
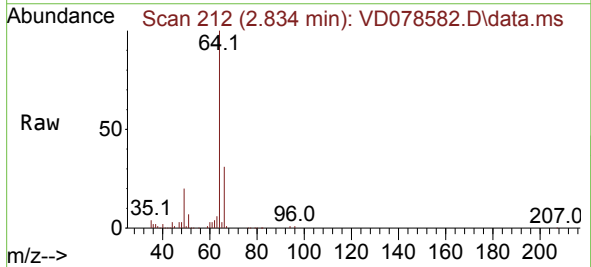
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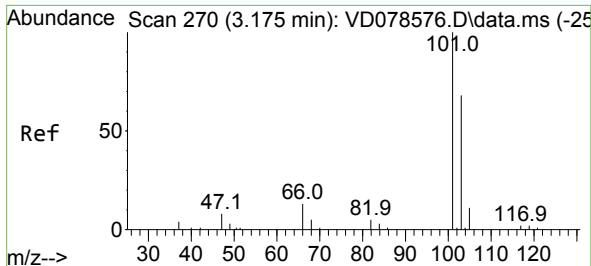
Tgt Ion: 94 Resp: 157553
Ion Ratio Lower Upper
94 100
96 94.2 75.8 113.8



#6
Chloroethane
Concen: 54.353 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 64 Resp: 167473
Ion Ratio Lower Upper
64 100
66 30.7 25.5 38.3

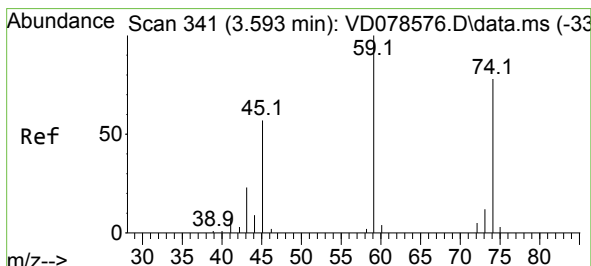
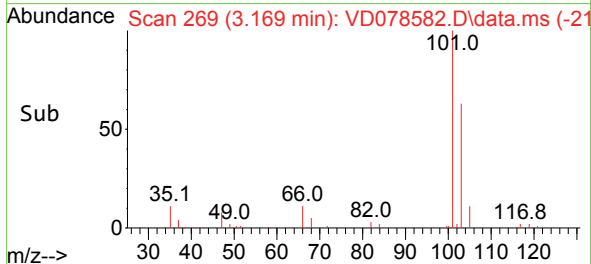
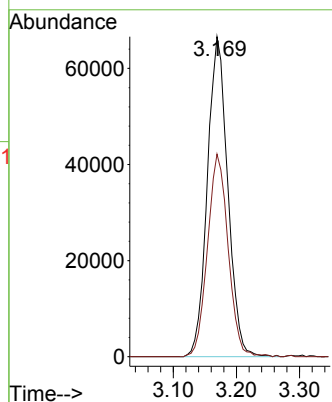
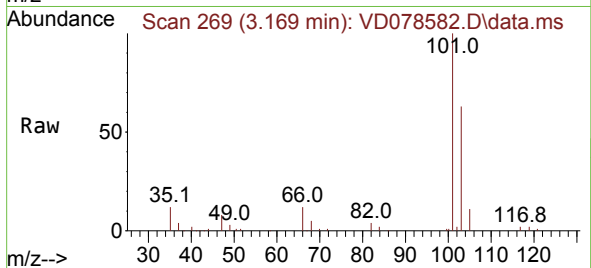




#7
Trichlorofluoromethane
Concen: 53.070 ug/l
RT: 3.169 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

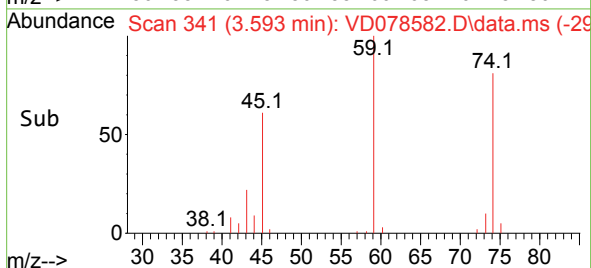
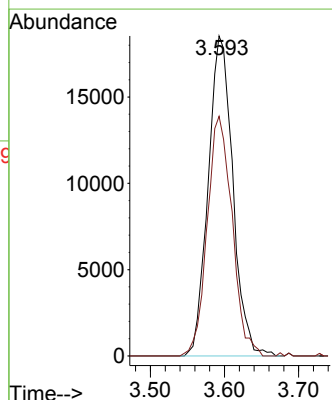
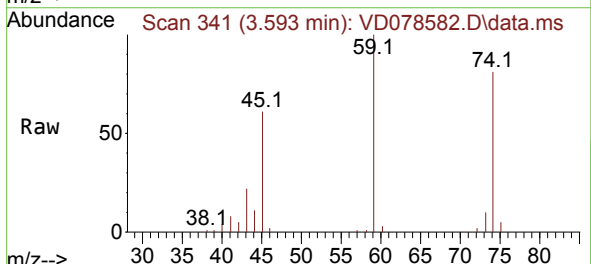
Instrument :
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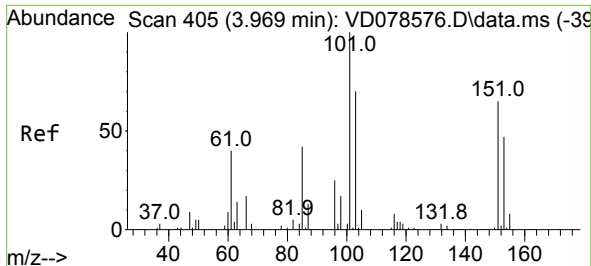
Tgt Ion:101 Resp: 149179
Ion Ratio Lower Upper
101 100
103 63.3 52.3 78.5



#8
Diethyl Ether
Concen: 54.212 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 74 Resp: 42791
Ion Ratio Lower Upper
74 100
45 75.8 37.5 112.7

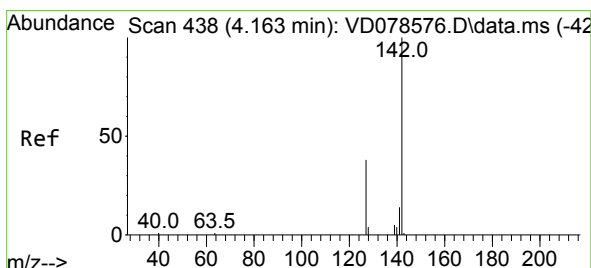
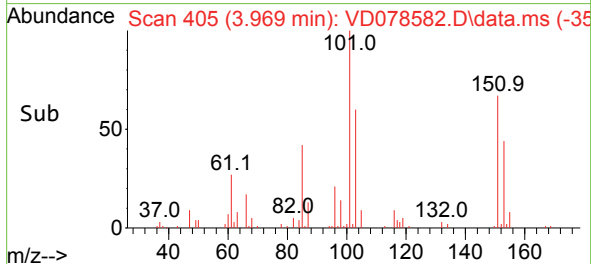
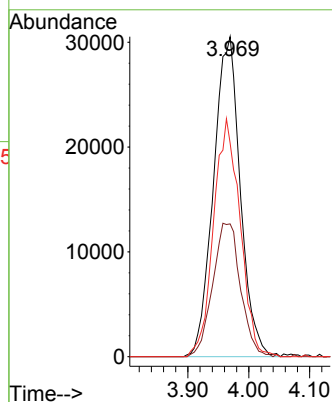
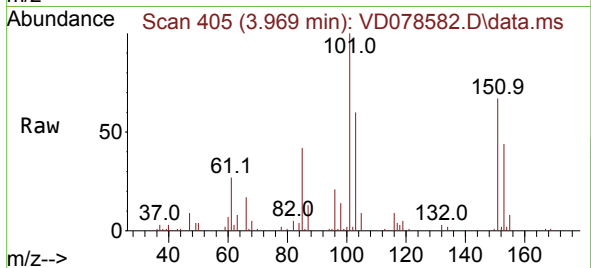




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.669 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

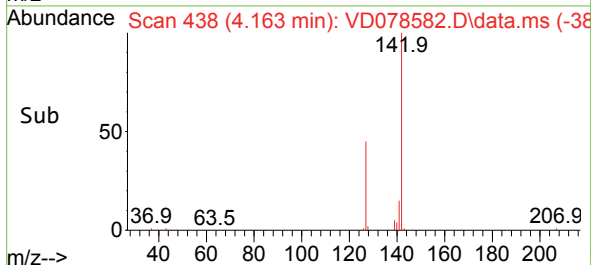
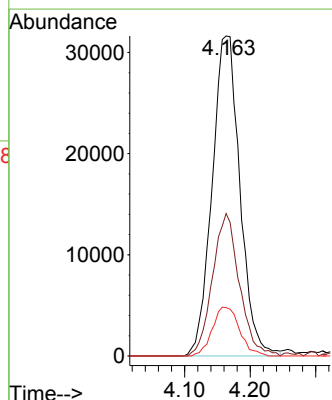
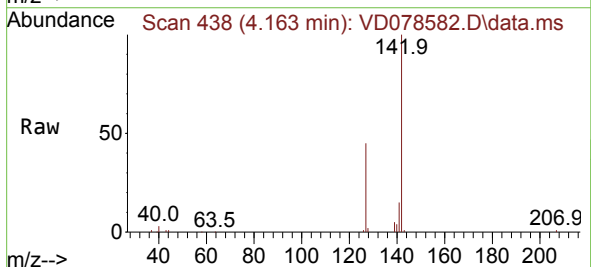
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

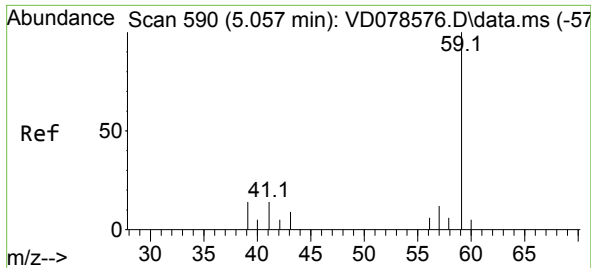
Tgt Ion:	101	Resp:	93311
Ion	Ratio	Lower	Upper
101	100		
85	43.4	33.8	50.6
151	73.4	59.8	89.6



#10
Methyl Iodide
Concen: 50.243 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion:	142	Resp:	93146
Ion	Ratio	Lower	Upper
142	100		
127	42.9	29.4	44.0
141	14.9	11.1	16.7

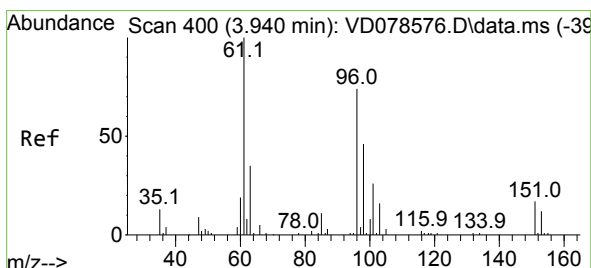
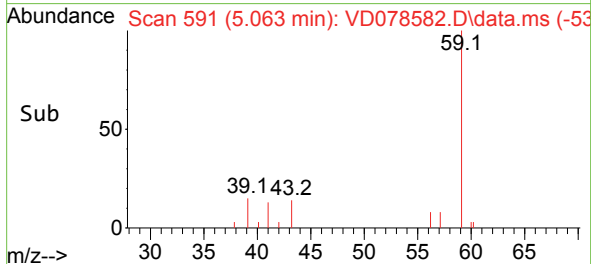
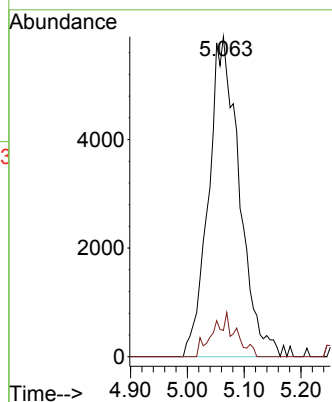
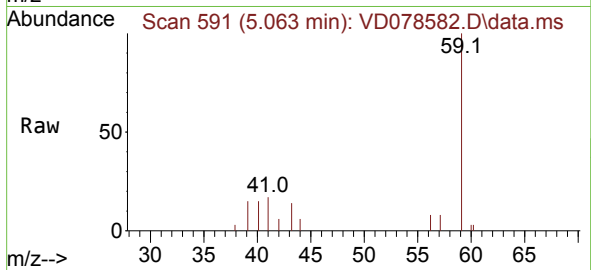




#11
Tert butyl alcohol
Concen: 282.377 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

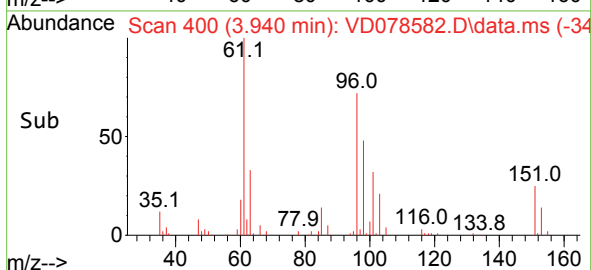
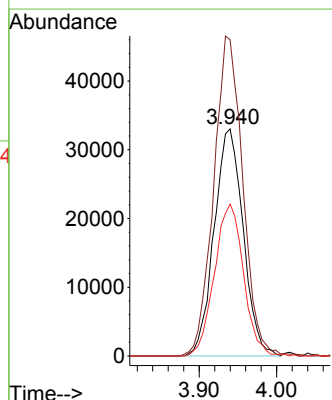
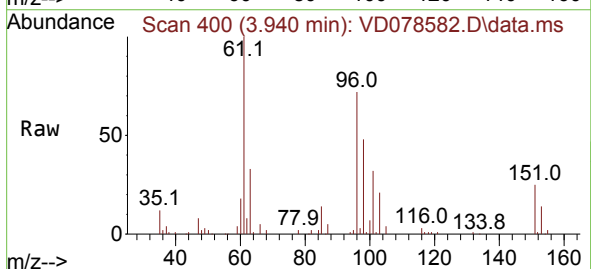
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

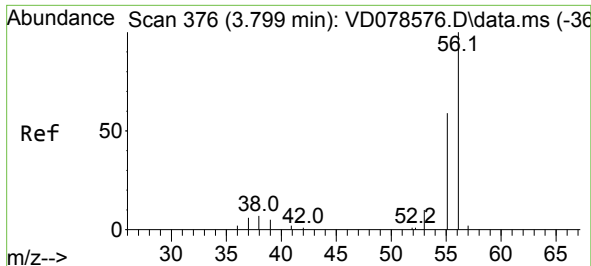
Tgt Ion: 59 Resp: 22245
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 52.002 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 96 Resp: 86007
Ion Ratio Lower Upper
96 100
61 139.2 100.6 150.8
98 66.9 50.2 75.2

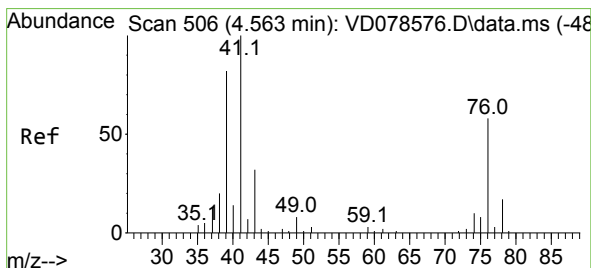
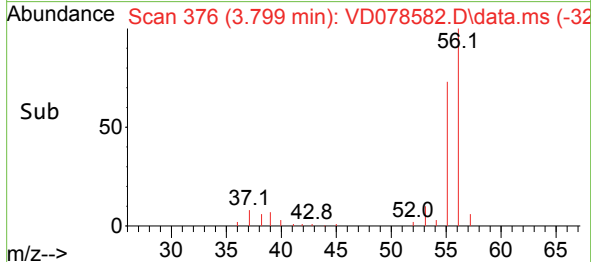
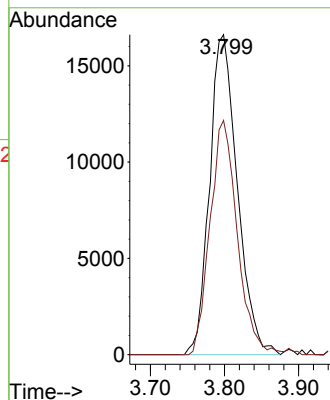
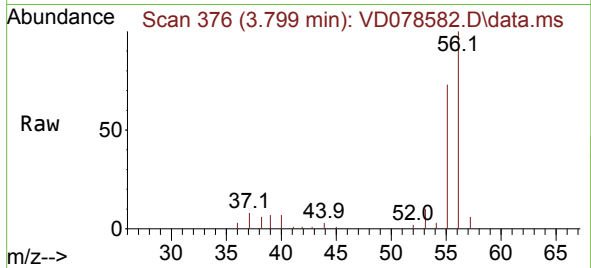




#13
Acrolein
Concen: 260.221 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

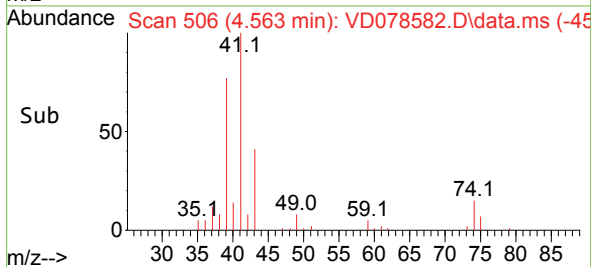
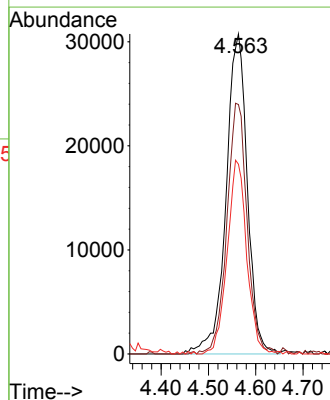
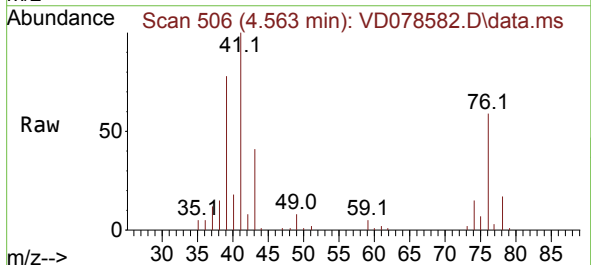
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

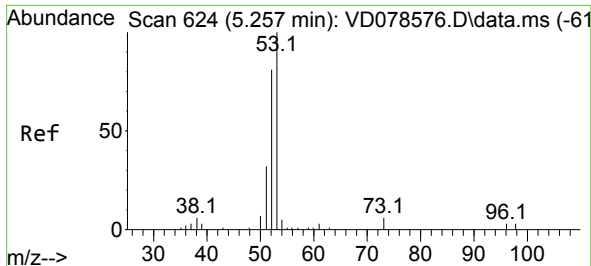
Tgt Ion: 56 Resp: 43266
Ion Ratio Lower Upper
56 100
55 71.9 55.1 82.7



#14
Allyl chloride
Concen: 51.029 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 41 Resp: 96127
Ion Ratio Lower Upper
41 100
39 74.4 53.8 80.6
76 55.6 45.8 68.8

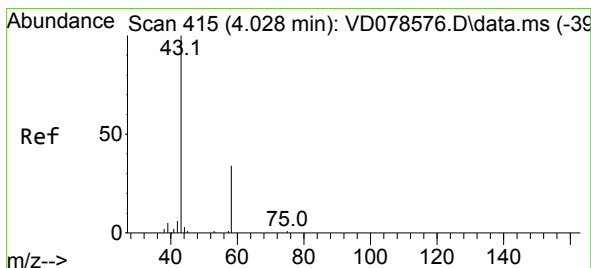
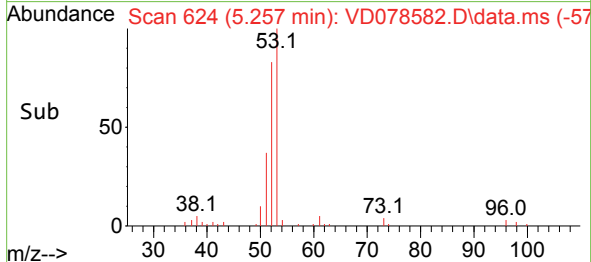
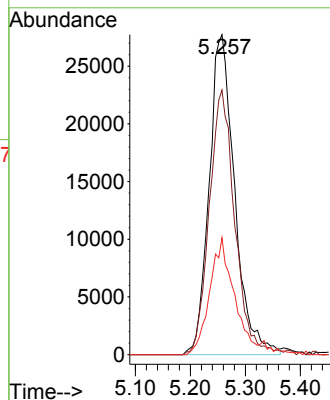
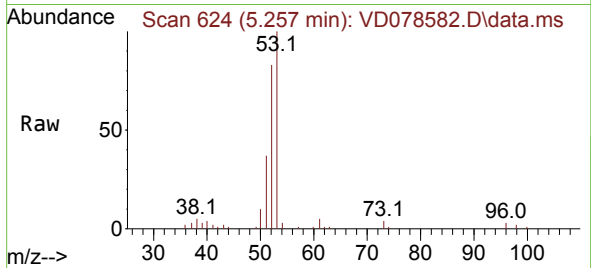




#15
Acrylonitrile
Concen: 274.905 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

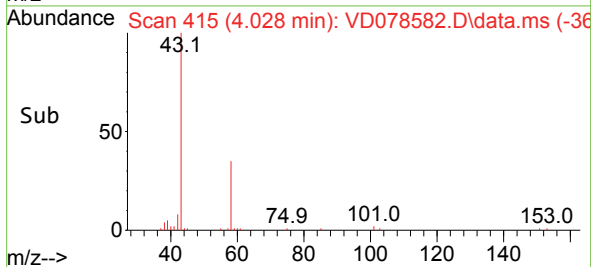
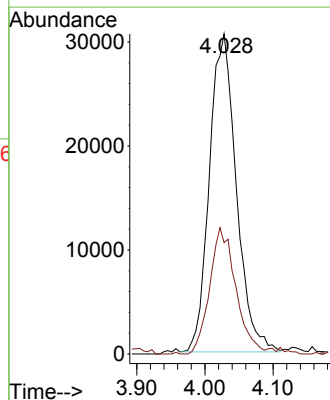
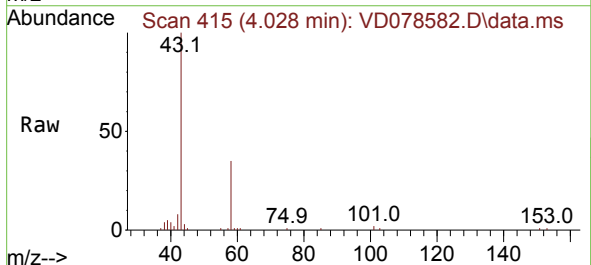
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

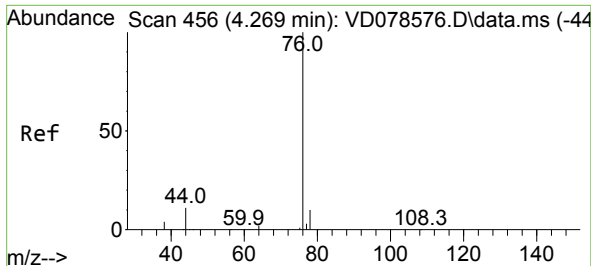
Tgt Ion:	53	Resp:	89459
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.0	97.4
51	34.8	28.3	42.5



#16
Acetone
Concen: 262.056 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion:	43	Resp:	84170
Ion	Ratio	Lower	Upper
43	100		
58	35.0	34.7	52.1

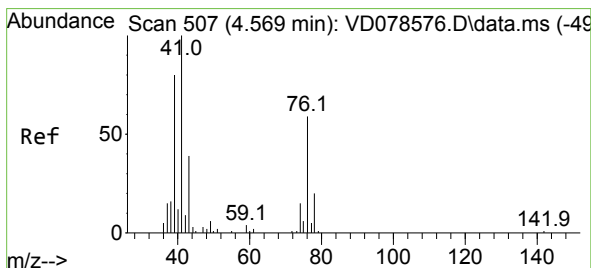
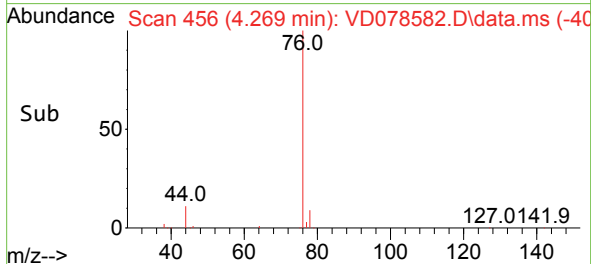
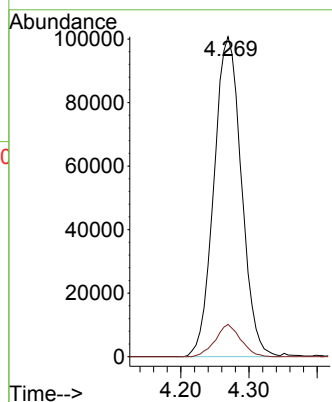
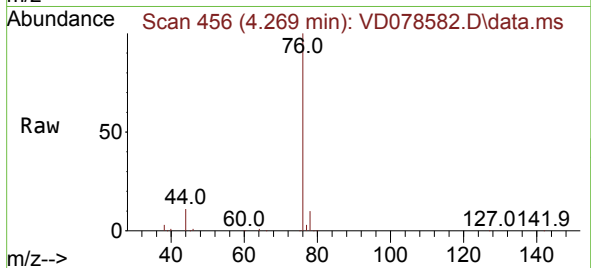




#17
Carbon Disulfide
Concen: 51.176 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

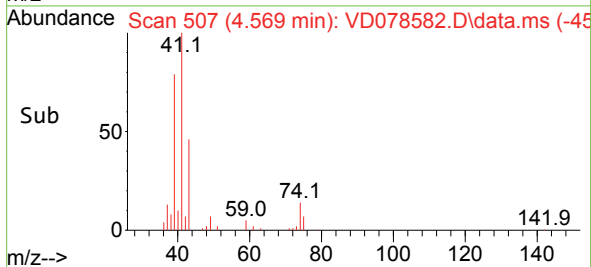
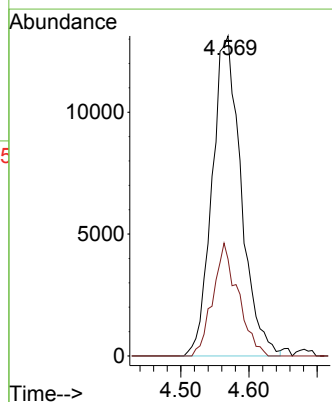
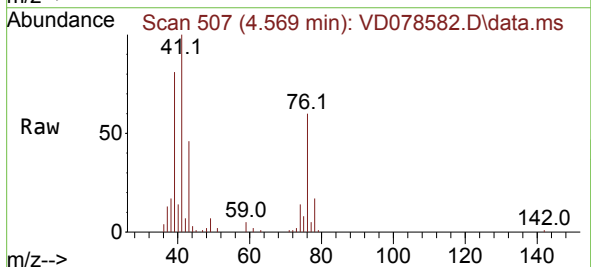
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

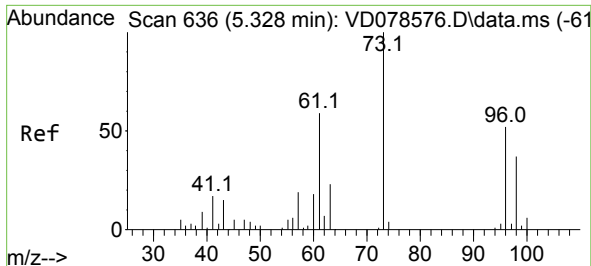
Tgt Ion: 76 Resp: 281995
Ion Ratio Lower Upper
76 100
78 10.1 6.8 10.2



#18
Methyl Acetate
Concen: 63.837 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 43 Resp: 38810
Ion Ratio Lower Upper
43 100
74 30.8 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 55.986 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.012 min

Lab File: VD078582.D

Acq: 04 Mar 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

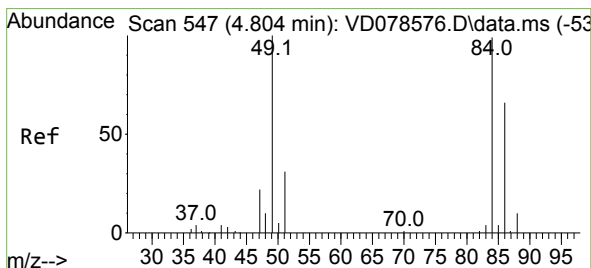
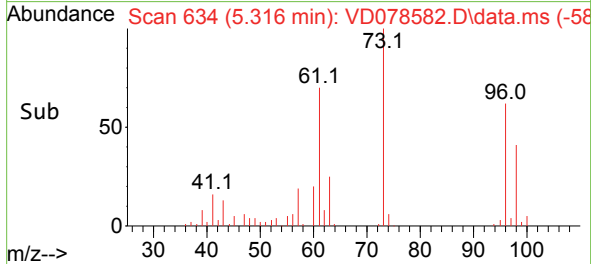
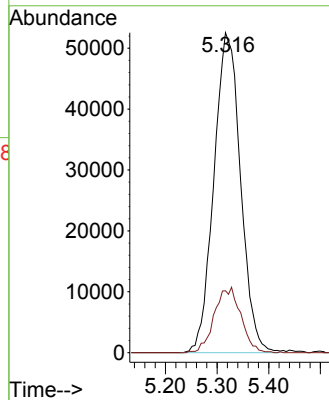
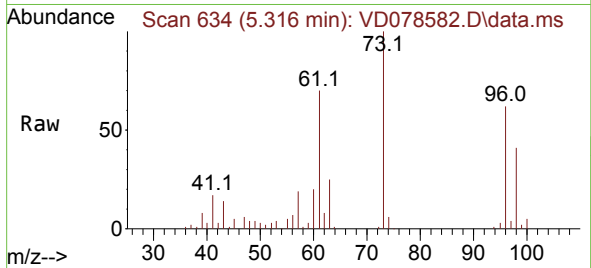
VSTDCCC050

Tgt Ion: 73 Resp: 188268

Ion Ratio Lower Upper

73 100

57 19.3 16.6 25.0



#20

Methylene Chloride

Concen: 53.828 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.005 min

Lab File: VD078582.D

Acq: 04 Mar 2024 10:47

Tgt Ion: 84 Resp: 116539

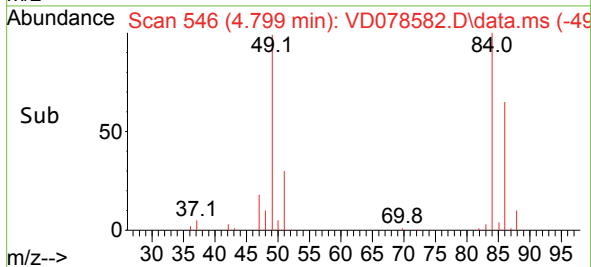
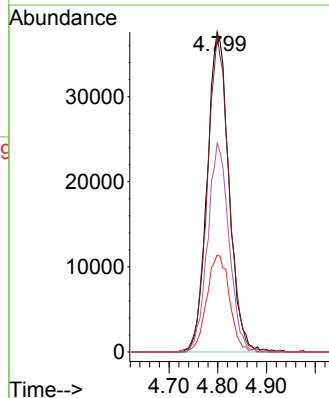
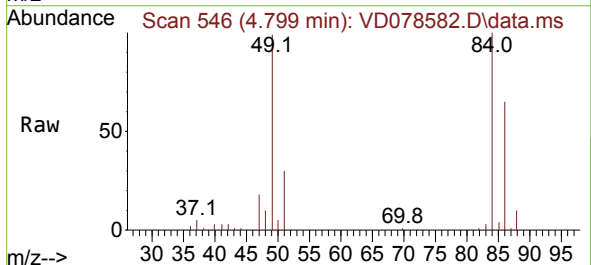
Ion Ratio Lower Upper

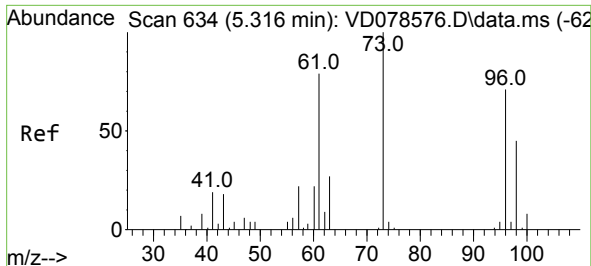
84 100

49 99.2 71.4 107.2

51 30.3 24.5 36.7

86 65.2 48.7 73.1

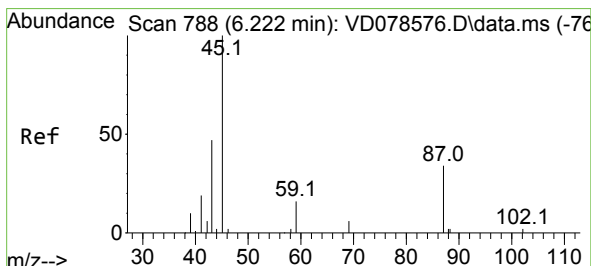
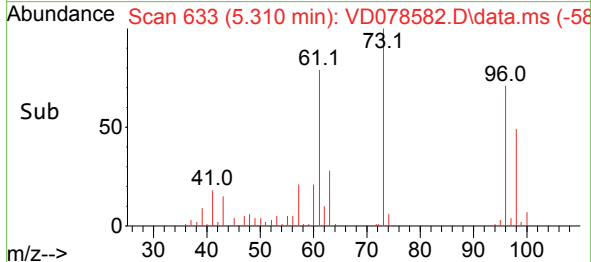
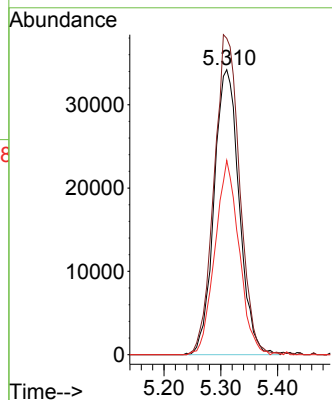
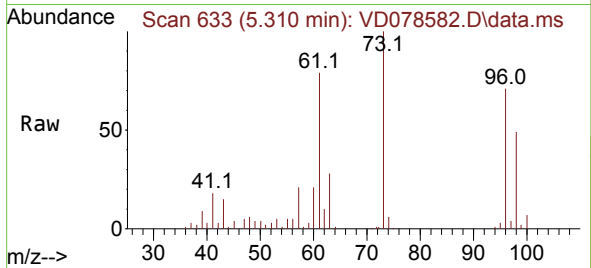




#21
trans-1,2-Dichloroethene
Concen: 52.886 ug/l
RT: 5.310 min Scan# 610
Delta R.T. -0.006 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

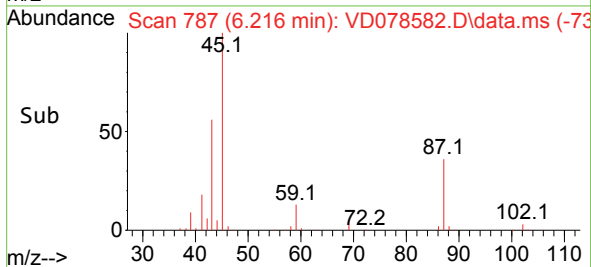
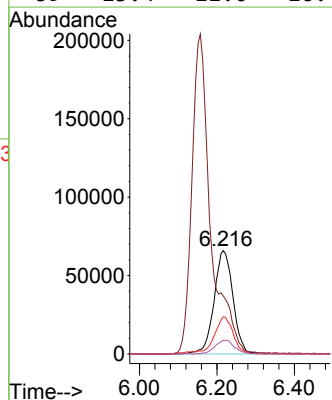
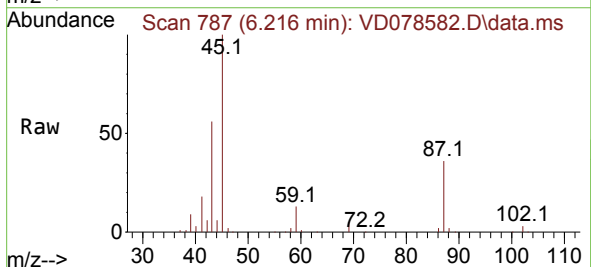
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

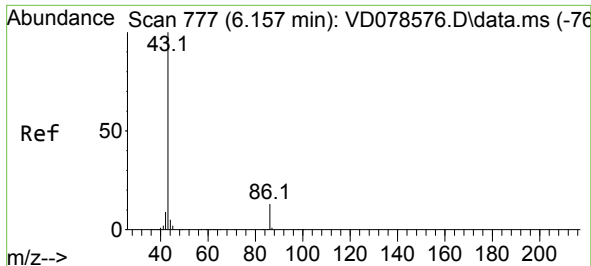
Tgt Ion: 96 Resp: 105098
Ion Ratio Lower Upper
96 100
61 111.0 89.3 133.9
98 68.1 48.6 73.0



#22
Diisopropyl ether
Concen: 53.066 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 45 Resp: 224127
Ion Ratio Lower Upper
45 100
43 55.5 40.0 60.0
87 35.9 28.2 42.4
59 13.4 11.0 16.4

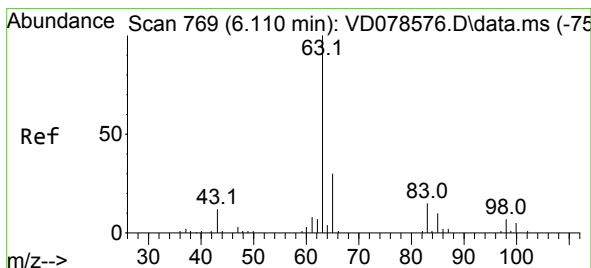
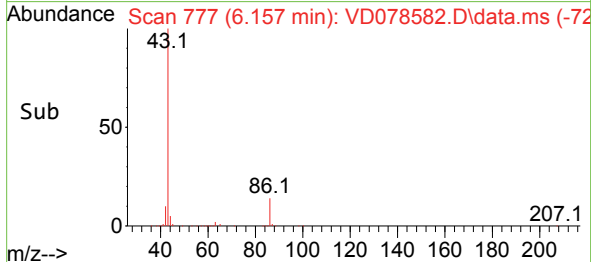
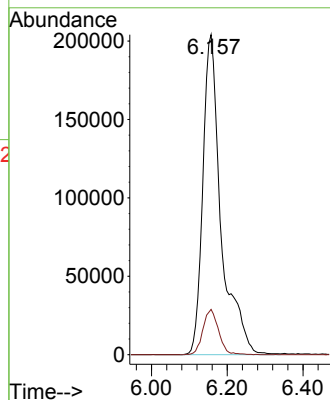
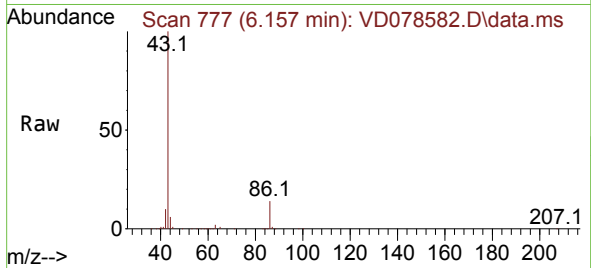




#23
 Vinyl Acetate
 Concen: 272.856 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078582.D
 Acq: 04 Mar 2024 10:47

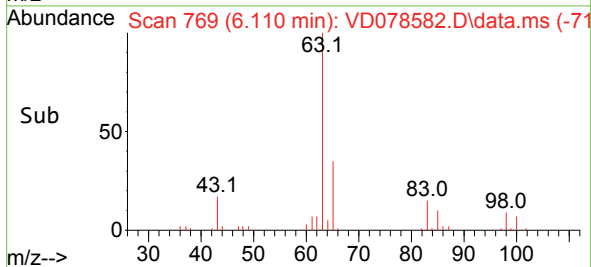
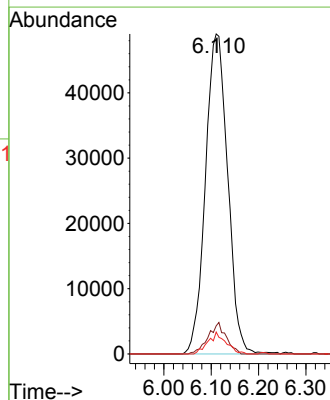
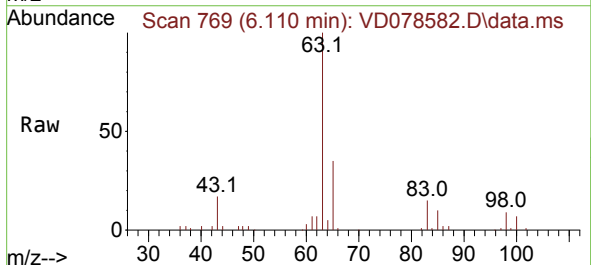
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

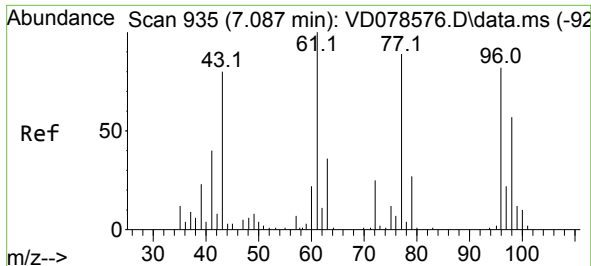
Tgt Ion: 43 Resp: 684438
 Ion Ratio Lower Upper
 43 100
 86 14.2 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 50.193 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD078582.D
 Acq: 04 Mar 2024 10:47

Tgt Ion: 63 Resp: 160156
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.5 13.7
 100 6.9 2.5 7.5

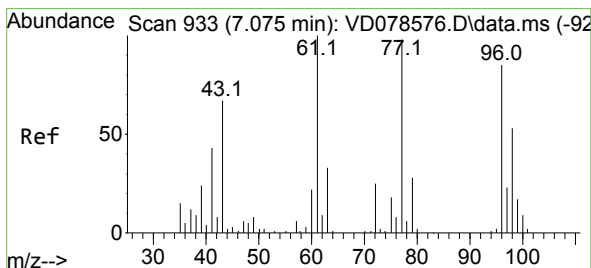
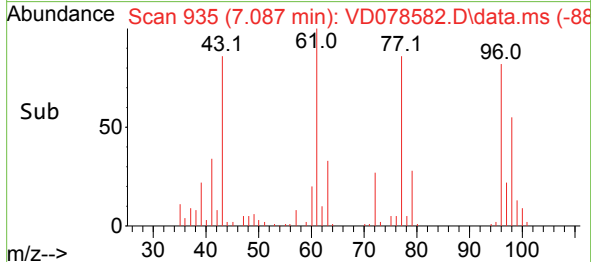
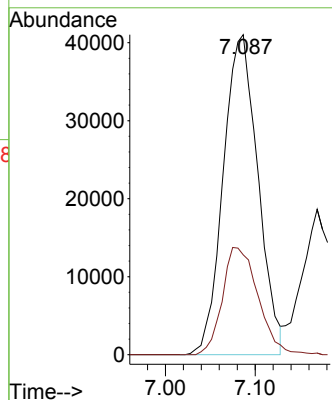
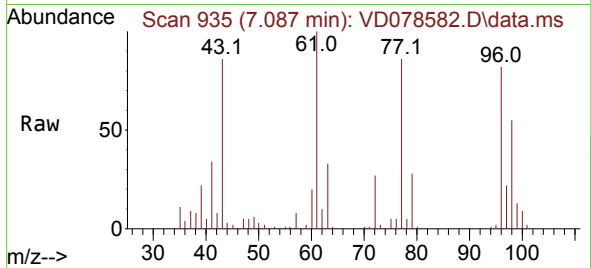




#25
2-Butanone
Concen: 271.903 ug/l
RT: 7.087 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

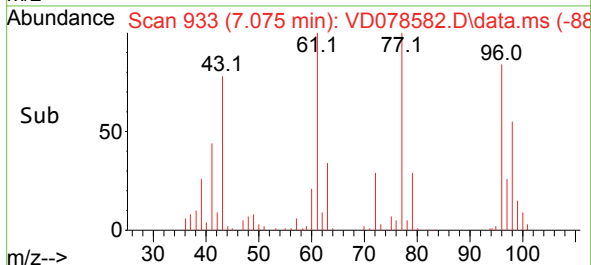
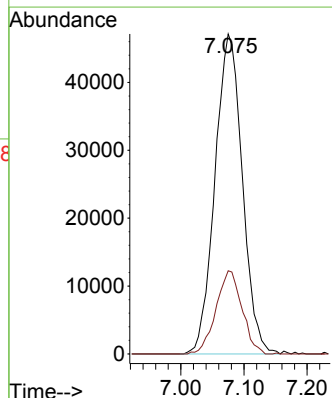
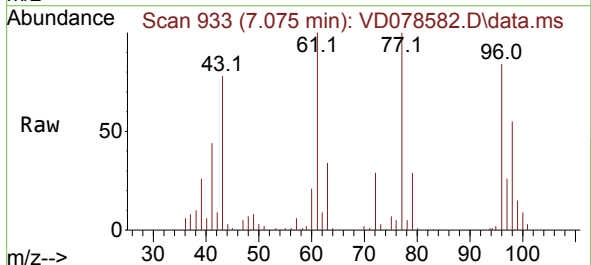
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

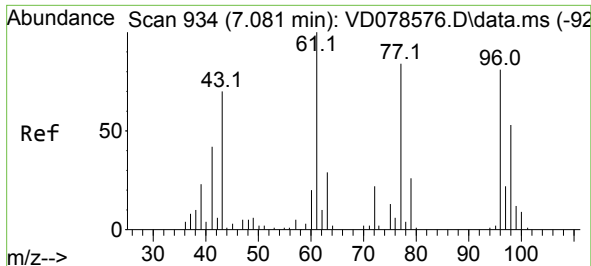
Tgt Ion: 43 Resp: 110163
Ion Ratio Lower Upper
43 100
72 31.2 30.7 46.1



#26
2,2-Dichloropropane
Concen: 52.625 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 77 Resp: 141855
Ion Ratio Lower Upper
77 100
97 24.6 13.2 39.6



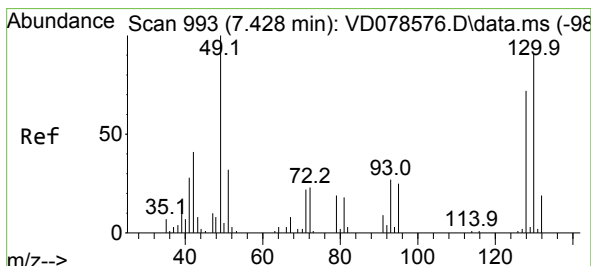
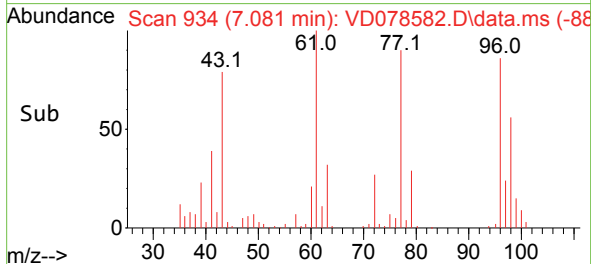
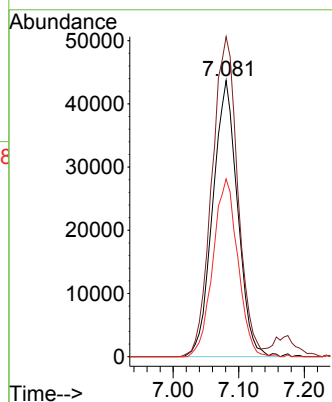
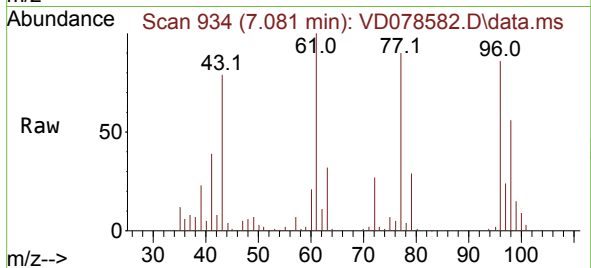


#27
 cis-1,2-Dichloroethene
 Concen: 52.636 ug/l
 RT: 7.081 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VD078582.D
 Acq: 04 Mar 2024 10:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 114535

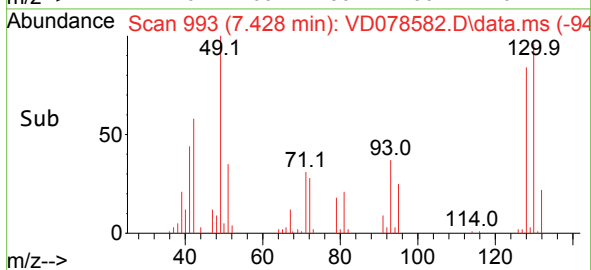
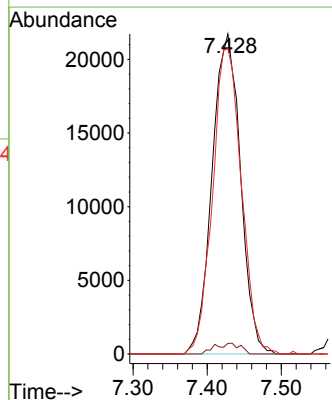
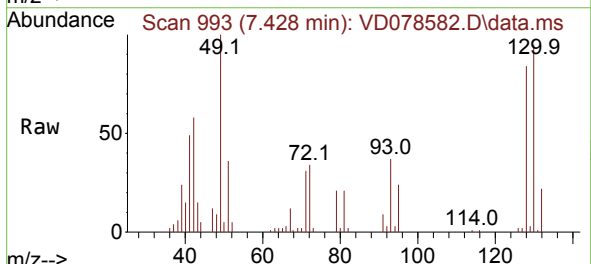
Ion	Ratio	Lower	Upper
96	100		
61	121.3	0.0	239.2
98	64.7	0.0	128.6

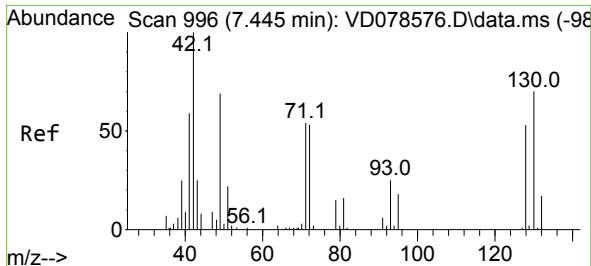


#28
 Bromochloromethane
 Concen: 48.390 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078582.D
 Acq: 04 Mar 2024 10:47

Tgt Ion: 49 Resp: 57682

Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	6.0
130	97.0	83.2	124.8





#29

Tetrahydrofuran

Concen: 284.511 ug/l

RT: 7.445 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078582.D

Acq: 04 Mar 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

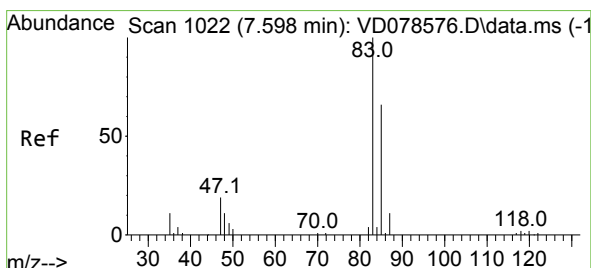
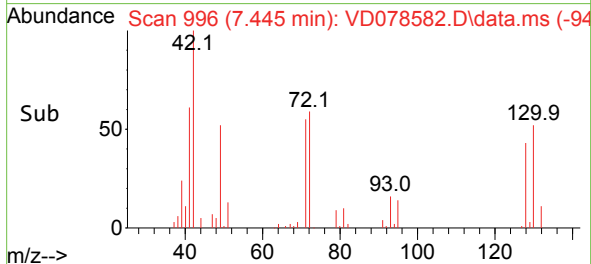
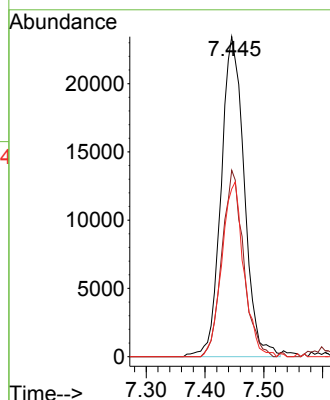
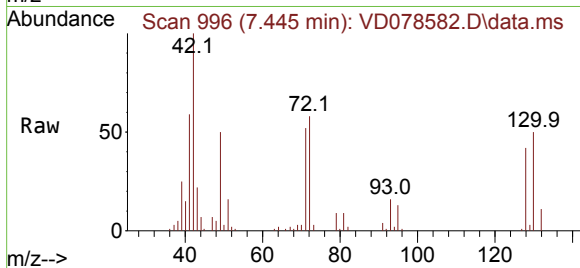
Tgt Ion: 42 Resp: 64041

Ion Ratio Lower Upper

42 100

72 54.4 46.5 69.7

71 52.0 44.5 66.7



#30

Chloroform

Concen: 50.168 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078582.D

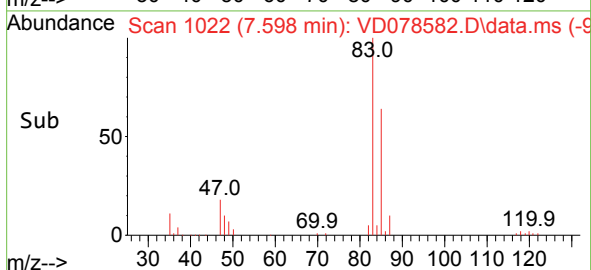
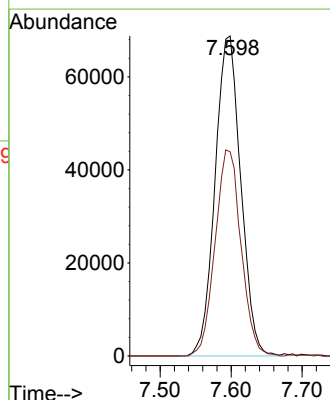
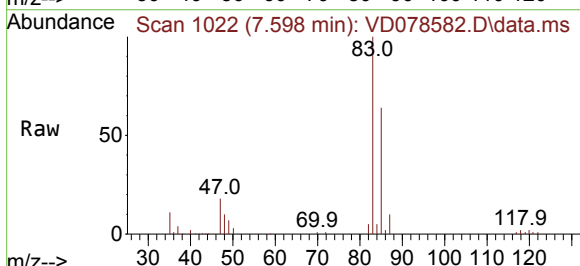
Acq: 04 Mar 2024 10:47

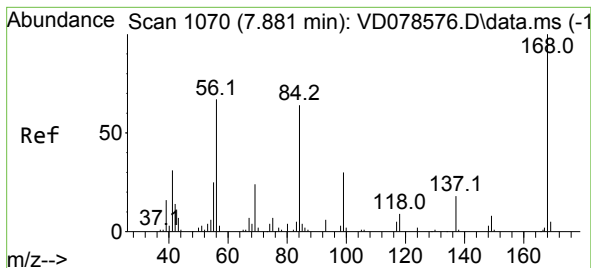
Tgt Ion: 83 Resp: 172837

Ion Ratio Lower Upper

83 100

85 63.8 53.4 80.2





#31

Cyclohexane

Concen: 50.585 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078582.D

Acq: 04 Mar 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

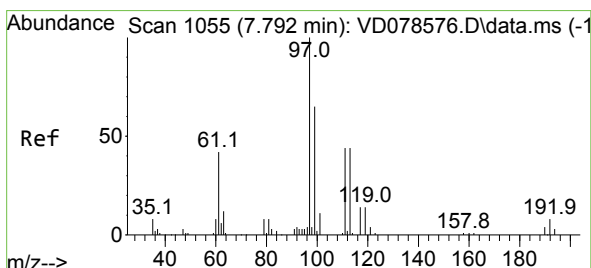
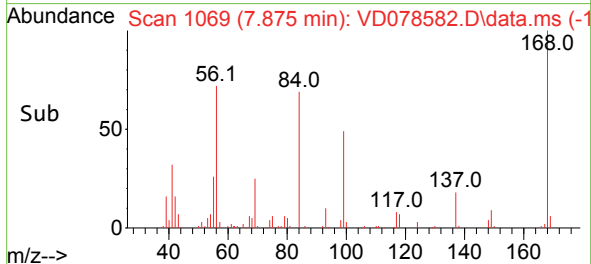
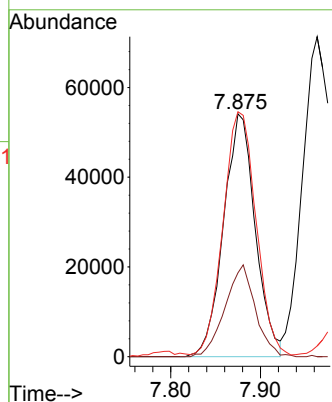
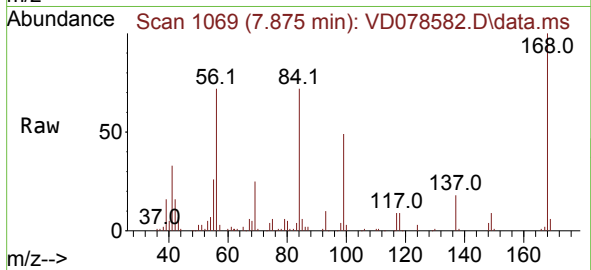
Tgt Ion: 56 Resp: 132739

Ion Ratio Lower Upper

56 100

69 34.5 28.6 43.0

84 99.4 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 53.417 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078582.D

Acq: 04 Mar 2024 10:47

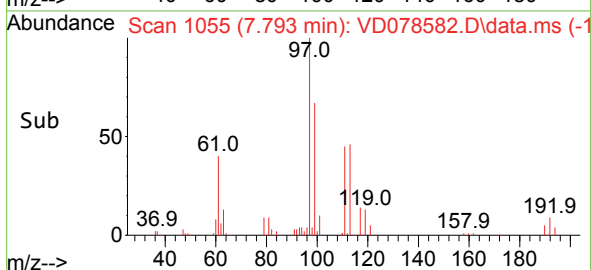
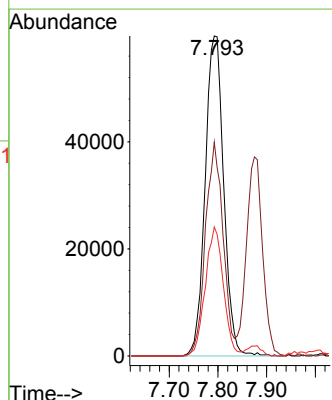
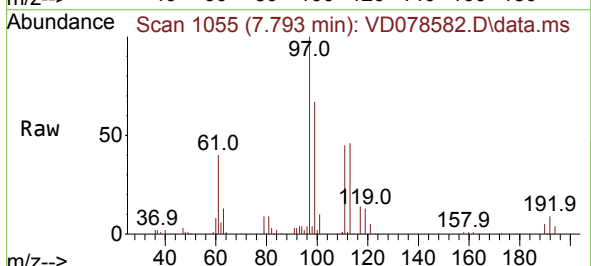
Tgt Ion: 97 Resp: 157873

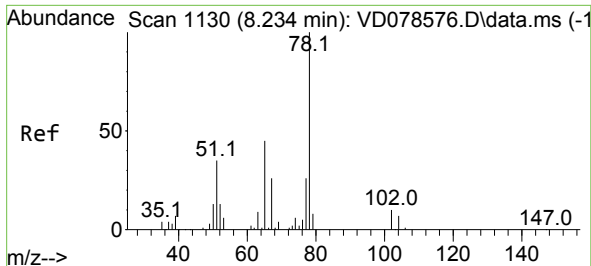
Ion Ratio Lower Upper

97 100

99 63.3 52.0 78.0

61 39.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.859 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078582.D

Acq: 04 Mar 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

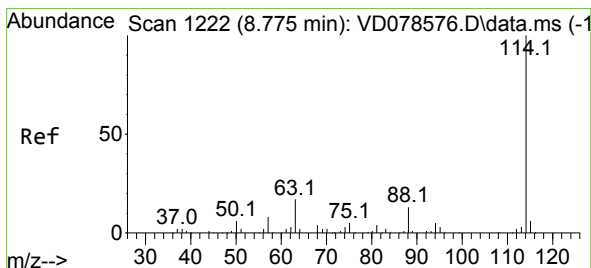
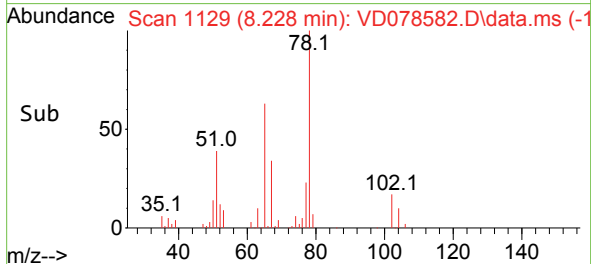
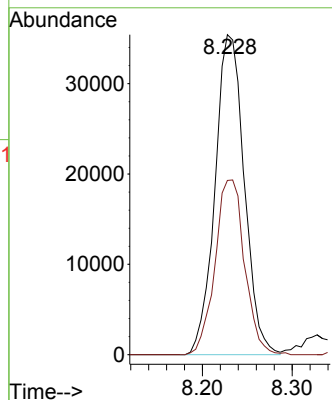
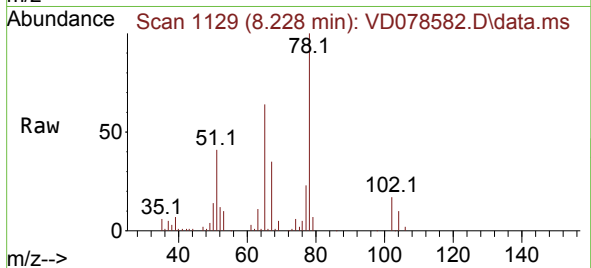
VSTDCCC050

Tgt Ion: 65 Resp: 80237

Ion Ratio Lower Upper

65 100

67 55.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078582.D

Acq: 04 Mar 2024 10:47

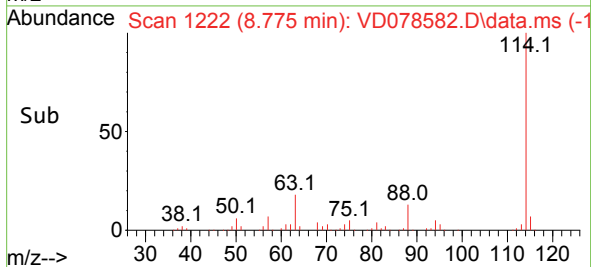
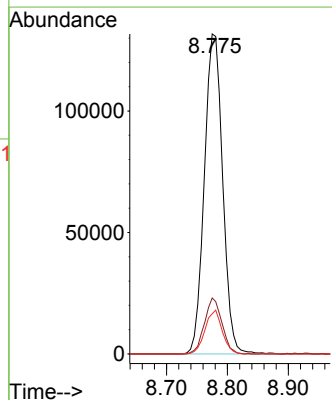
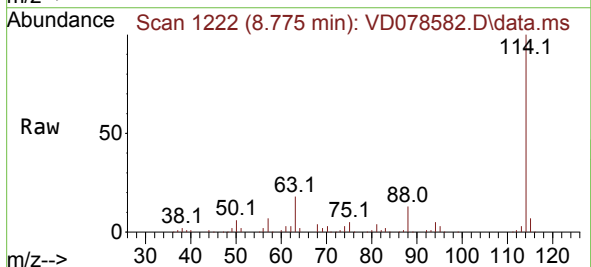
Tgt Ion: 114 Resp: 275568

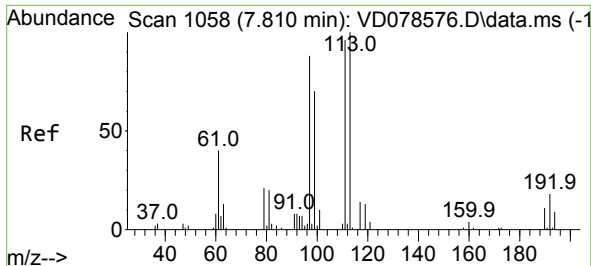
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 12.5 0.0 26.2

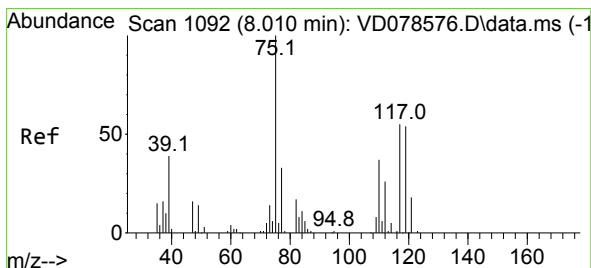
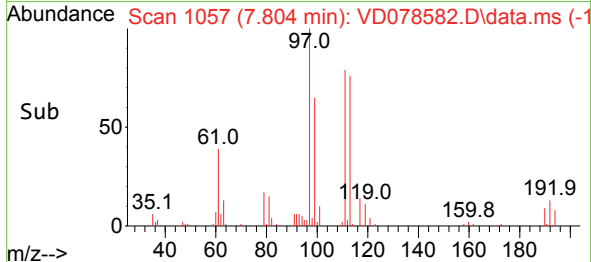
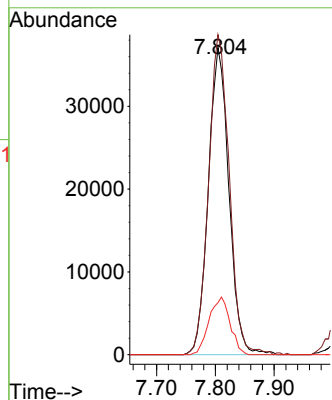
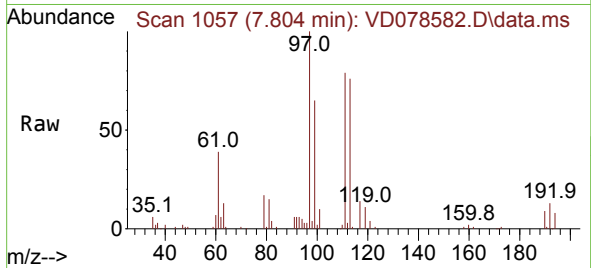




#35
Dibromofluoromethane
Concen: 50.321 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

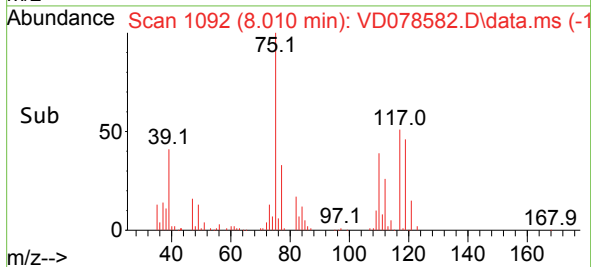
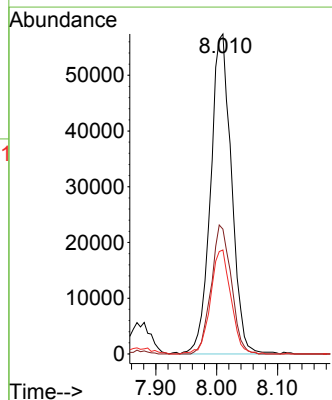
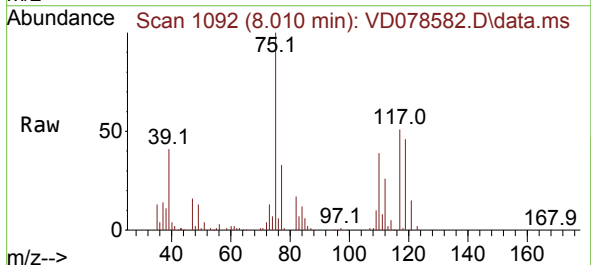
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

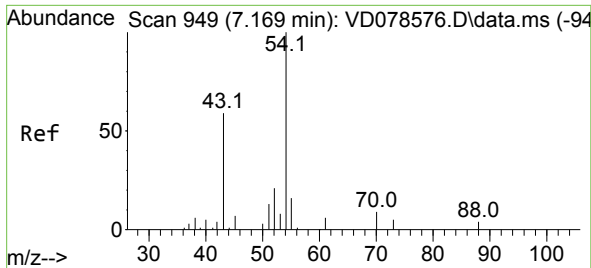
Tgt Ion:113 Resp: 90203
Ion Ratio Lower Upper
113 100
111 104.9 84.7 127.1
192 19.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 55.176 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 75 Resp: 136866
Ion Ratio Lower Upper
75 100
110 38.7 19.9 59.6
77 31.9 24.7 37.1

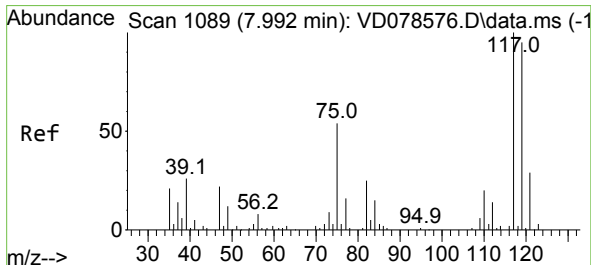
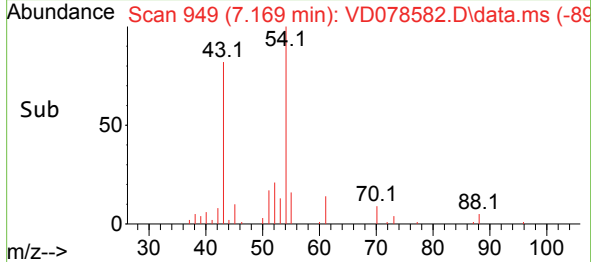
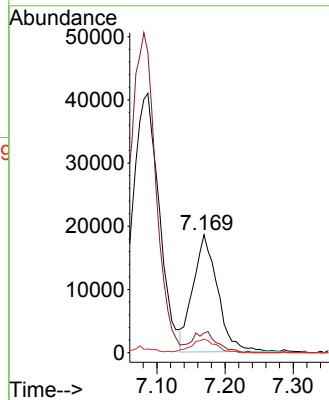
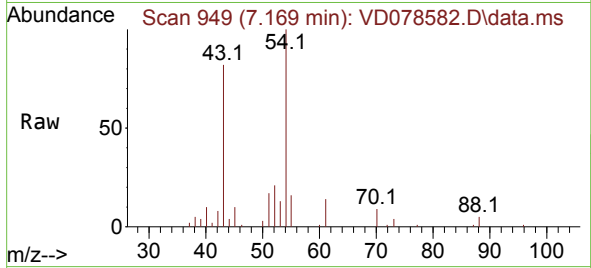




#37
Ethyl Acetate
Concen: 57.531 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

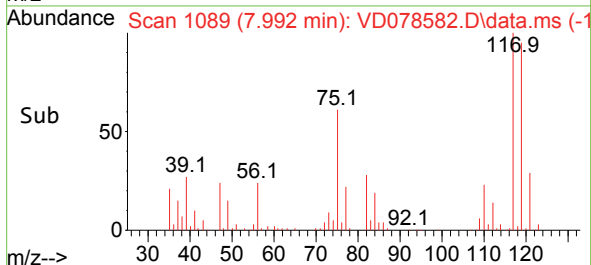
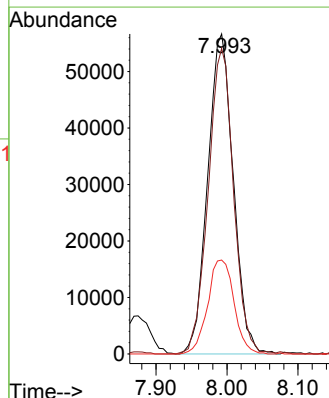
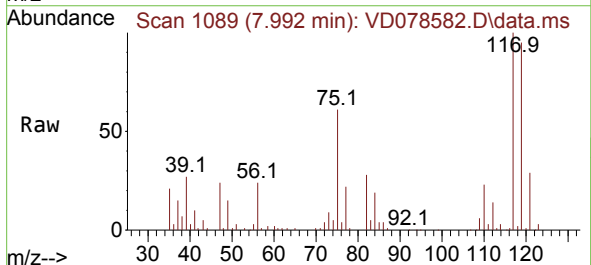
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

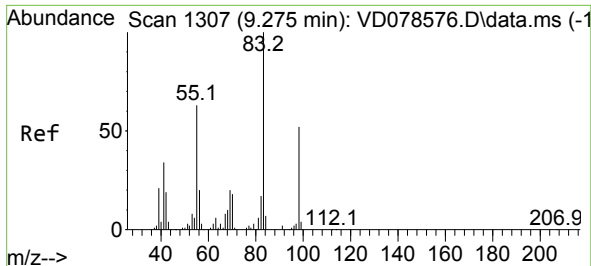
Tgt Ion: 43	Resp: 46239
Ion Ratio	Lower Upper
43 100	
61 17.6	14.9 22.3
70 11.6	10.0 15.0



#38
Carbon Tetrachloride
Concen: 54.686 ug/l
RT: 7.992 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion:117	Resp:	141880	
Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.0	117.0
121	29.4	24.2	36.2





#39

Methylcyclohexane

Concen: 58.631 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078582.D

Acq: 04 Mar 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

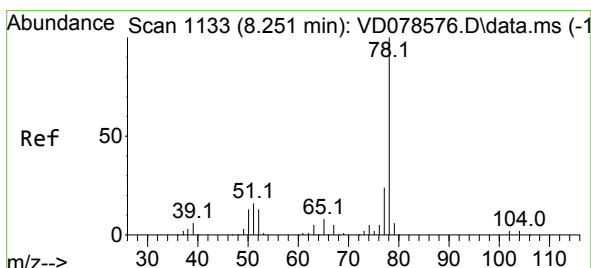
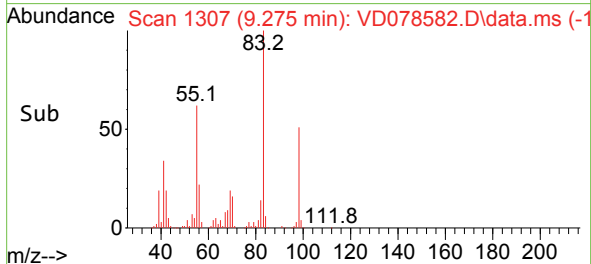
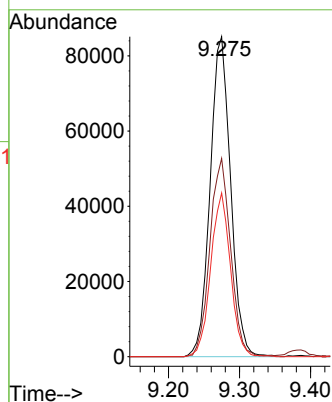
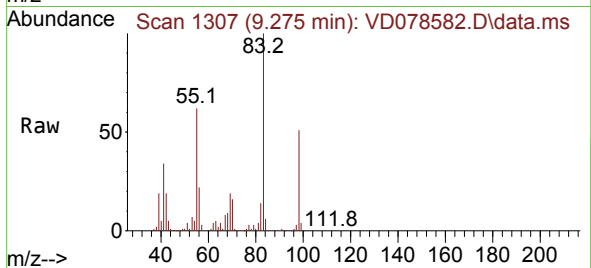
Tgt Ion: 83 Resp: 170696

Ion Ratio Lower Upper

83 100

55 62.0 49.4 74.0

98 51.2 38.4 57.6



#40

Benzene

Concen: 54.374 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078582.D

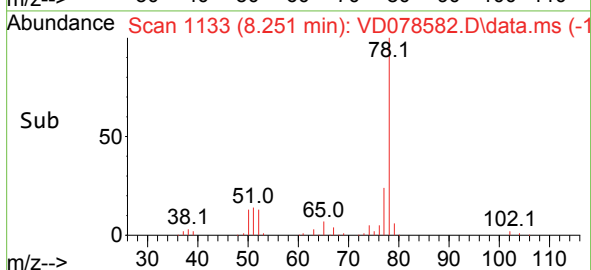
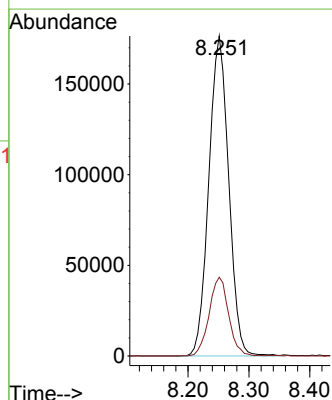
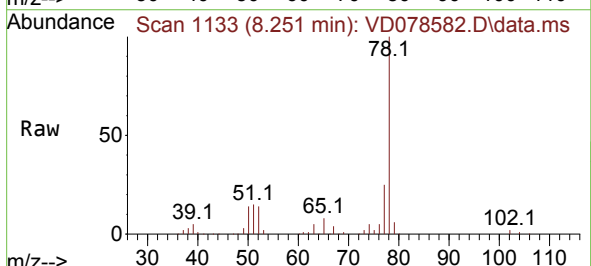
Acq: 04 Mar 2024 10:47

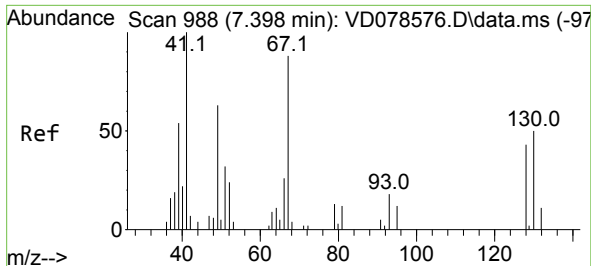
Tgt Ion: 78 Resp: 399781

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.0

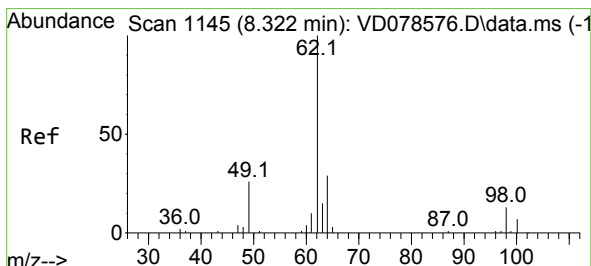
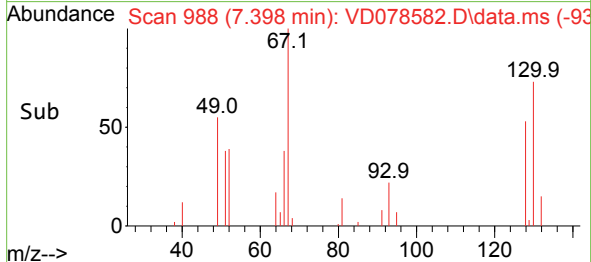
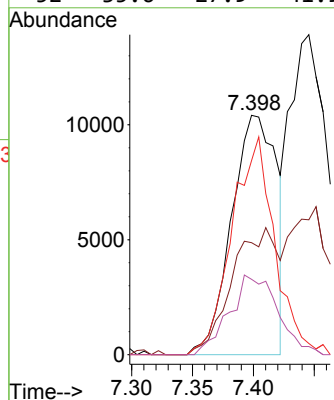
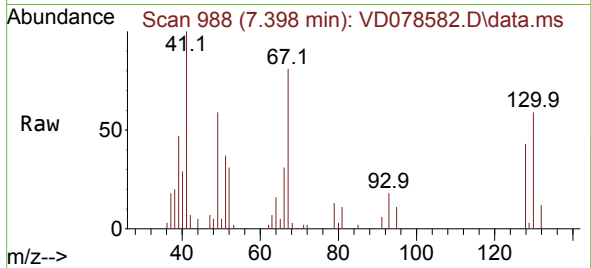




#41
Methacrylonitrile
Concen: 62.354 ug/l
RT: 7.398 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

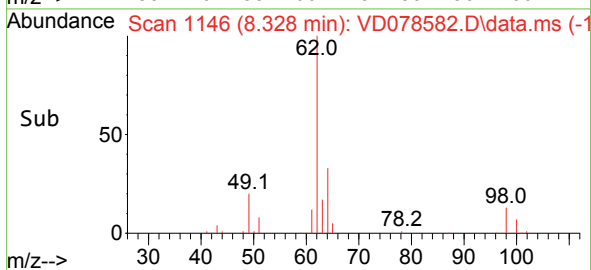
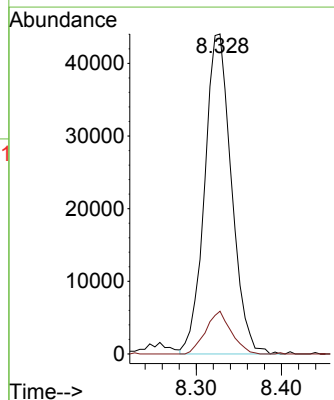
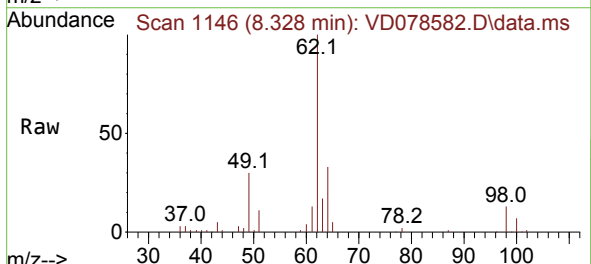
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

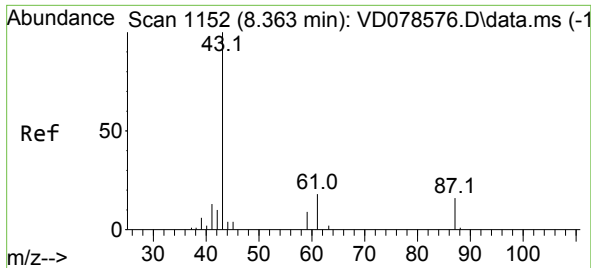
Tgt Ion: 41 Resp: 26861
Ion Ratio Lower Upper
41 100
39 53.8 34.0 51.0#
67 86.9 77.0 115.4
52 35.6 27.9 41.9



#42
1,2-Dichloroethane
Concen: 51.620 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 62 Resp: 96283
Ion Ratio Lower Upper
62 100
98 12.7 0.0 25.4

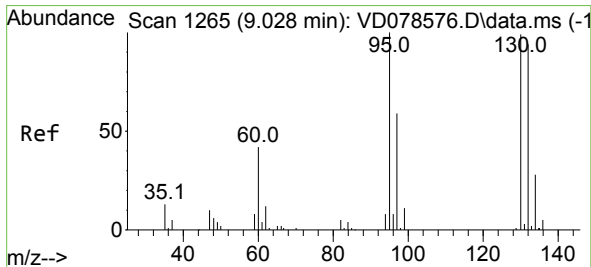
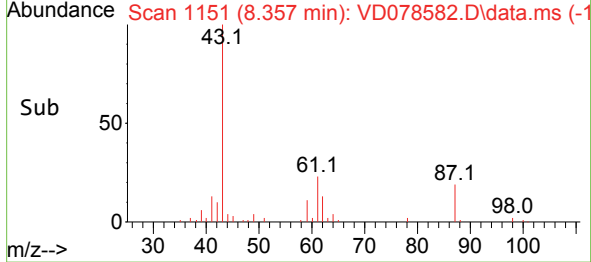
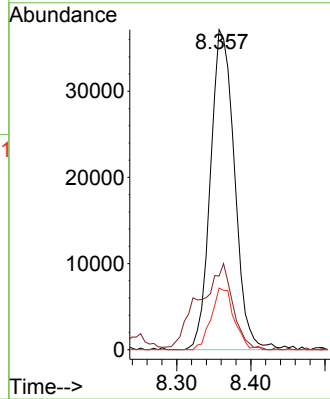
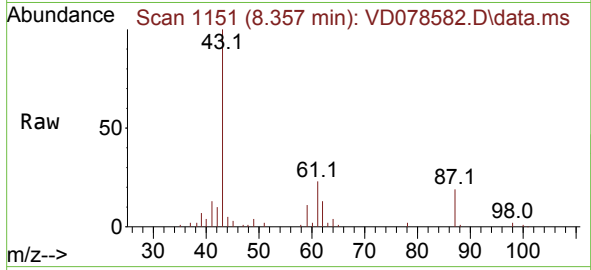




#43
Isopropyl Acetate
Concen: 54.367 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

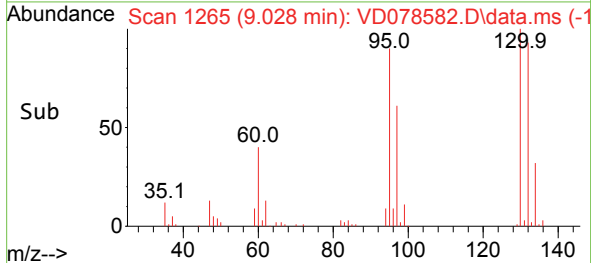
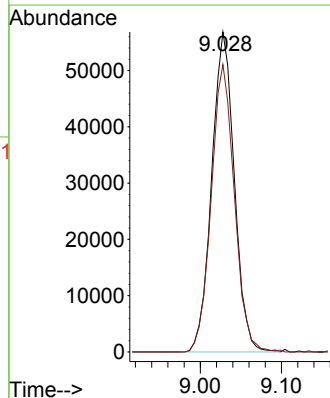
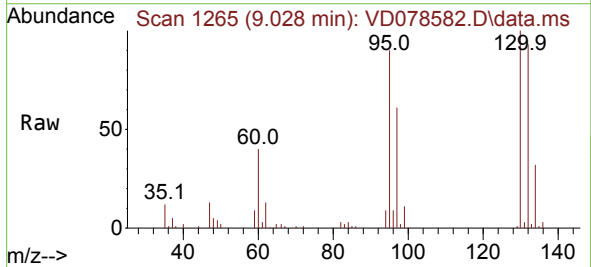
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

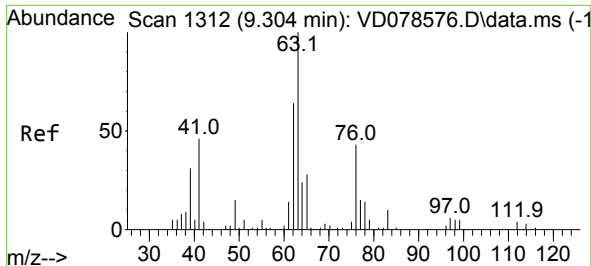
Tgt Ion: 43 Resp: 83773
Ion Ratio Lower Upper
43 100
61 37.7 31.4 47.0
87 18.4 14.9 22.3



#44
Trichloroethene
Concen: 54.508 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion:130 Resp: 109976
Ion Ratio Lower Upper
130 100
95 89.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 52.992 ug/l

RT: 9.298 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078582.D

Acq: 04 Mar 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

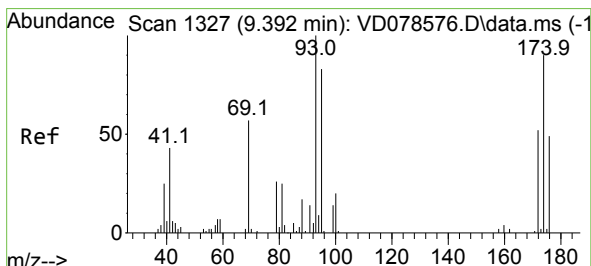
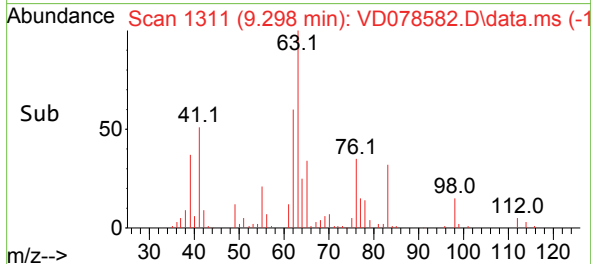
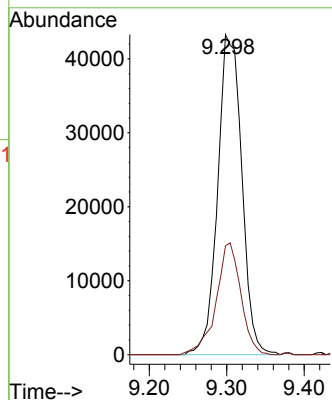
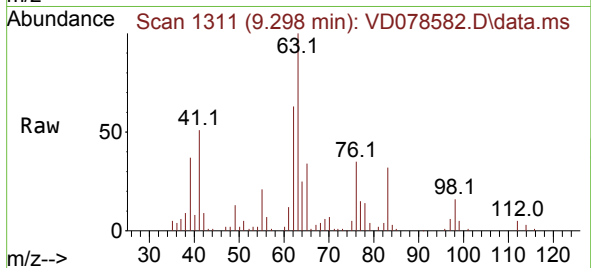
VSTDCCC050

Tgt Ion: 63 Resp: 93593

Ion Ratio Lower Upper

63 100

65 34.0 24.5 36.7



#46

Dibromomethane

Concen: 56.329 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078582.D

Acq: 04 Mar 2024 10:47

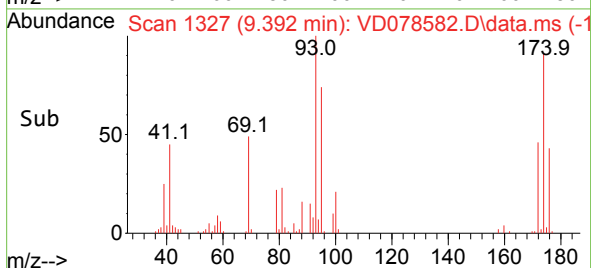
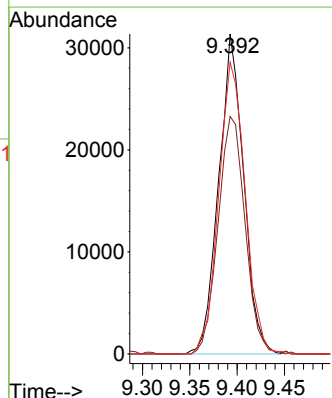
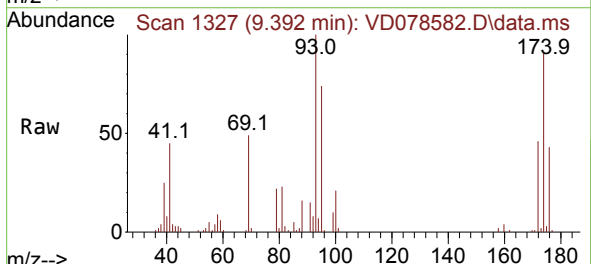
Tgt Ion: 93 Resp: 57353

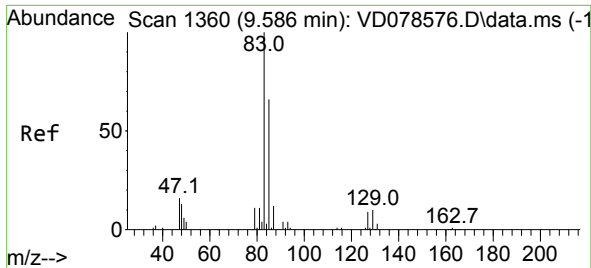
Ion Ratio Lower Upper

93 100

95 80.4 67.7 101.5

174 96.8 85.4 128.2

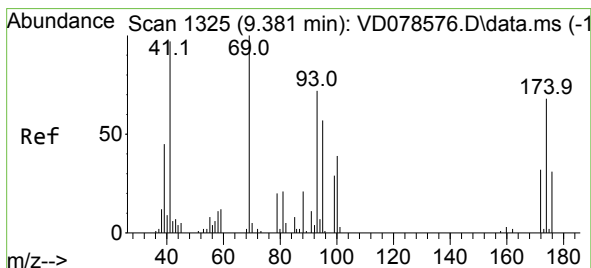
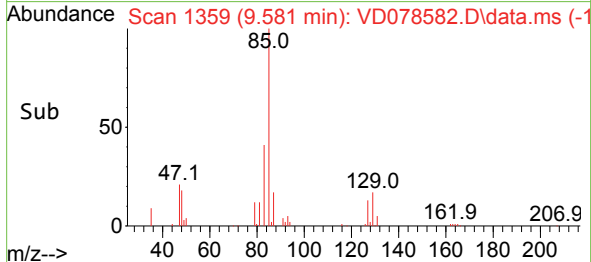
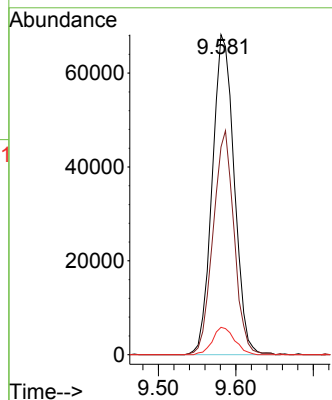
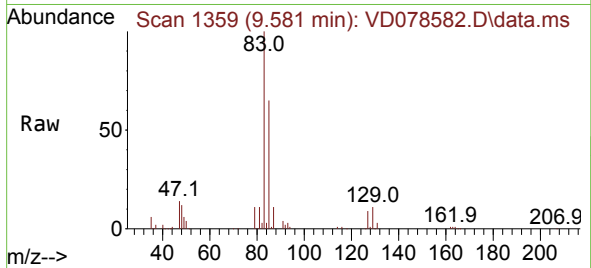




#47
Bromodichloromethane
Concen: 53.562 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

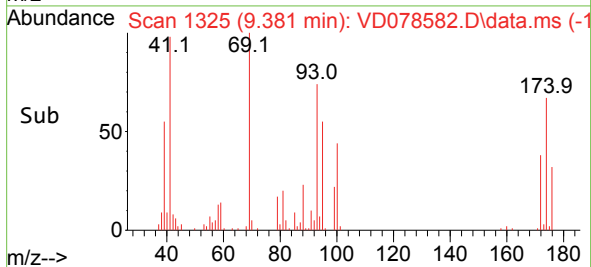
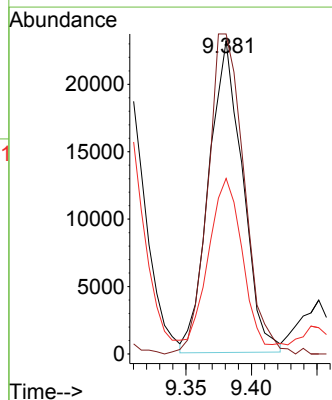
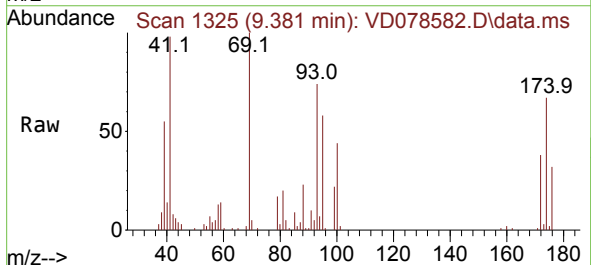
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

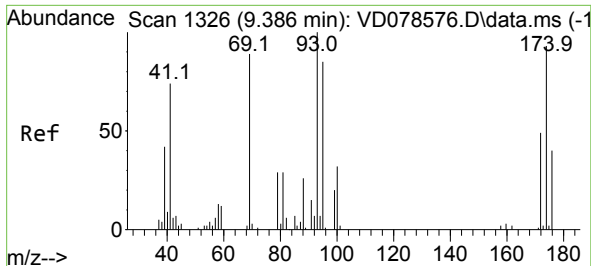
Tgt Ion: 83 Resp: 134471
Ion Ratio Lower Upper
83 100
85 64.9 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 59.457 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 41 Resp: 41501
Ion Ratio Lower Upper
41 100
69 110.0 102.2 153.2
39 51.5 41.4 62.2





#49

1,4-Dioxane

Concen: 1181.401 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD078582.D

Acq: 04 Mar 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

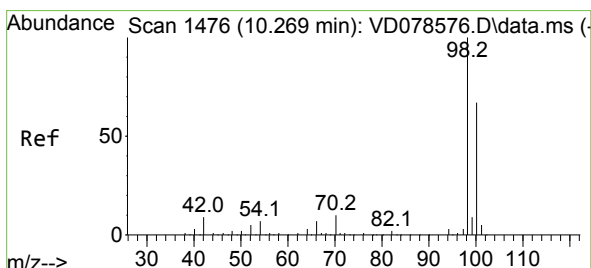
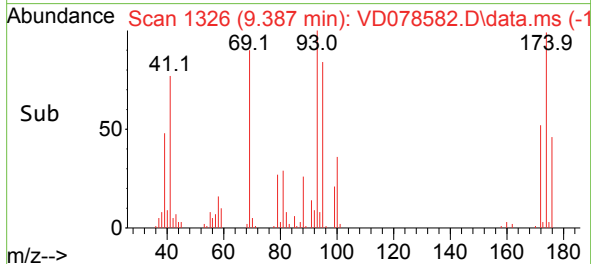
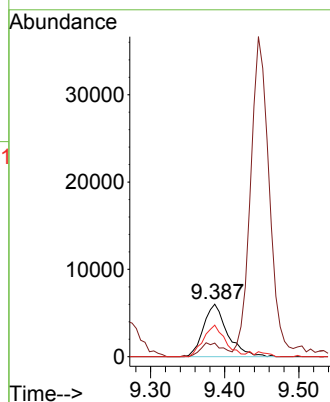
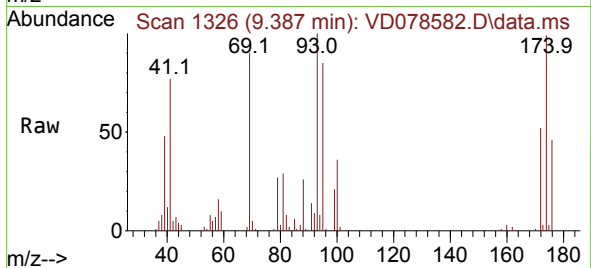
Tgt Ion: 88 Resp: 13444

Ion Ratio Lower Upper

88 100

43 25.3 19.0 28.6

58 55.1 43.5 65.3



#50

Toluene-d8

Concen: 51.738 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078582.D

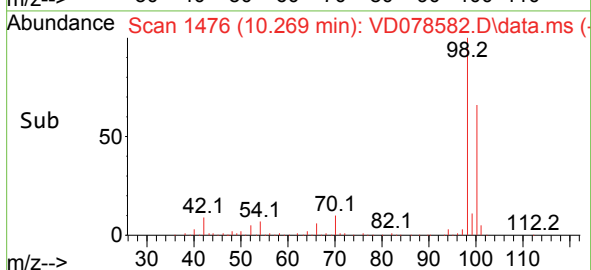
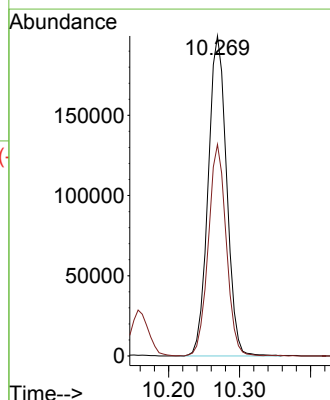
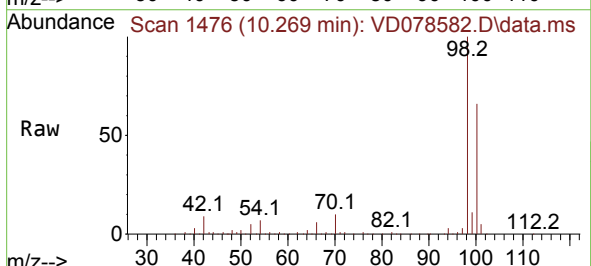
Acq: 04 Mar 2024 10:47

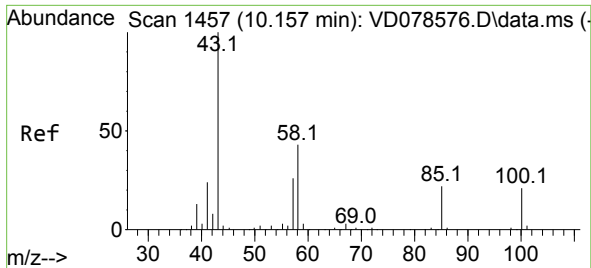
Tgt Ion: 98 Resp: 360379

Ion Ratio Lower Upper

98 100

100 64.1 50.3 75.5

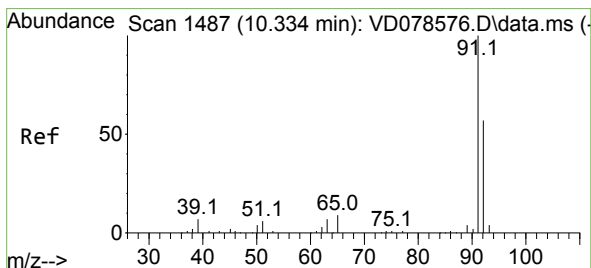
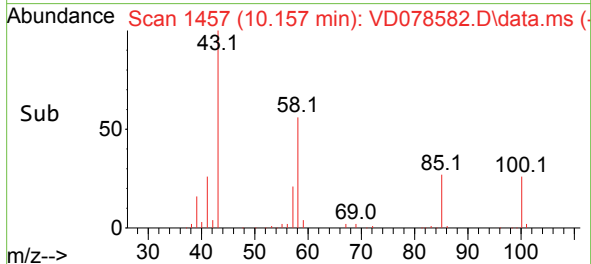
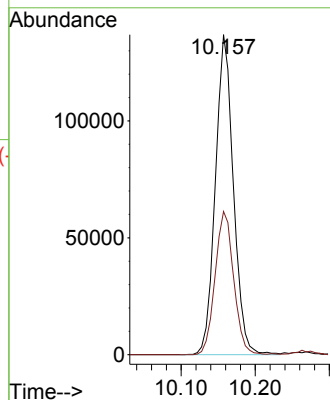
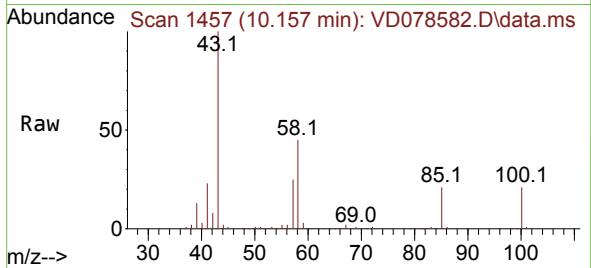




#51
4-Methyl-2-Pentanone
Concen: 290.670 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

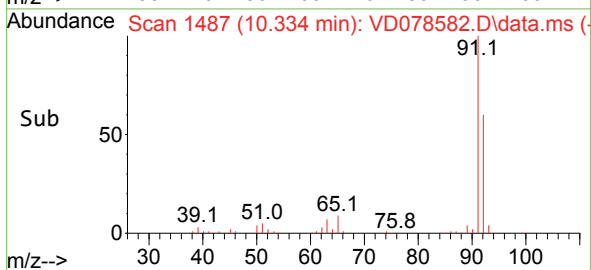
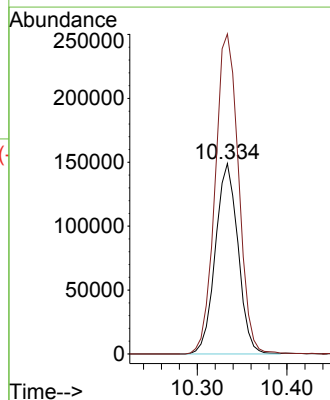
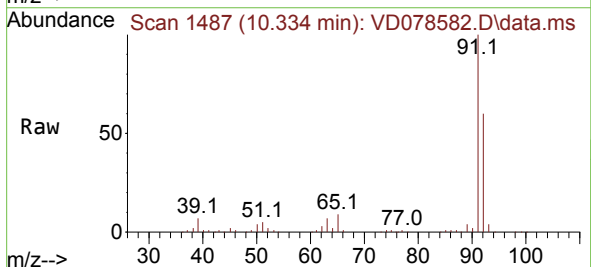
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

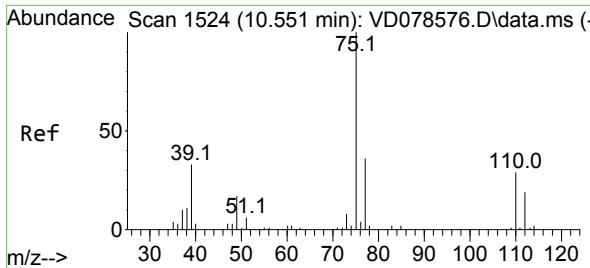
Tgt Ion: 43 Resp: 231178
Ion Ratio Lower Upper
43 100
58 46.1 38.9 58.3



#52
Toluene
Concen: 55.358 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 92 Resp: 261159
Ion Ratio Lower Upper
92 100
91 174.1 143.0 214.4

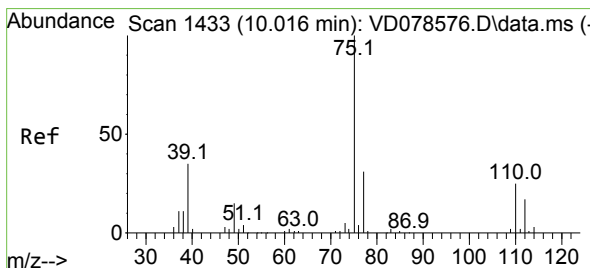
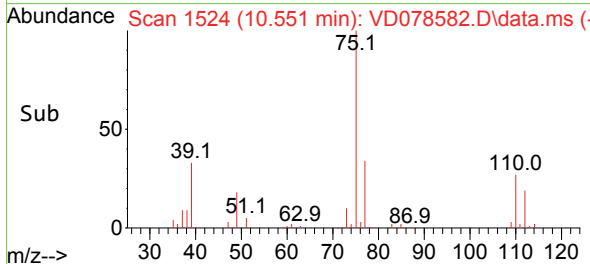
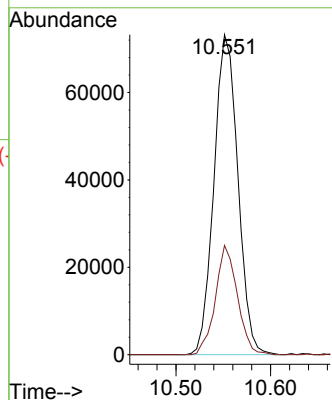
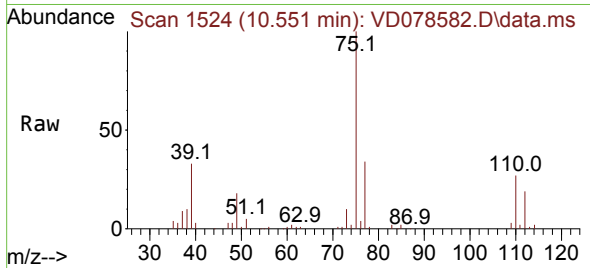




#53
t-1,3-Dichloropropene
Concen: 55.397 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

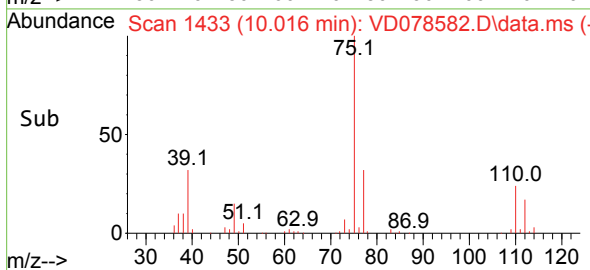
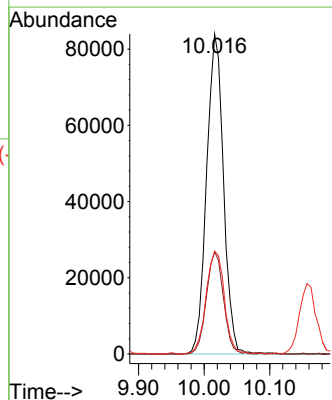
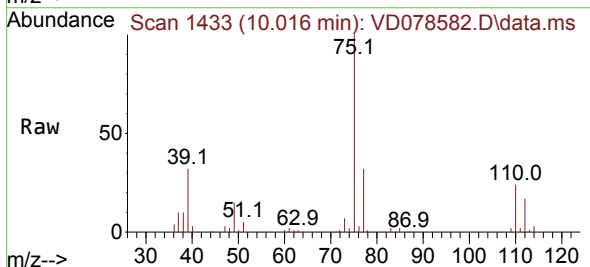
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

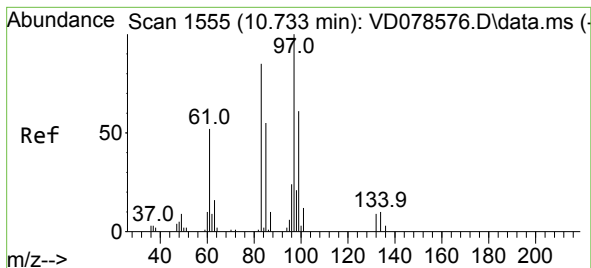
Tgt Ion: 75 Resp: 128660
Ion Ratio Lower Upper
75 100
77 34.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 54.238 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 75 Resp: 150825
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 32.2 22.1 33.1

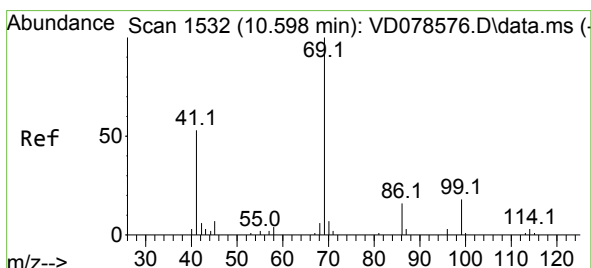
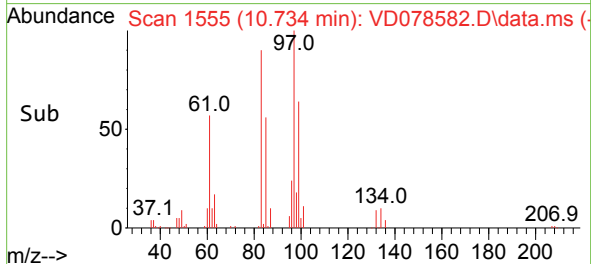
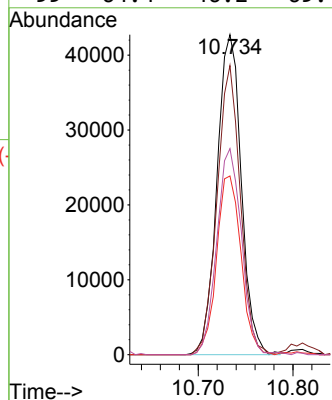
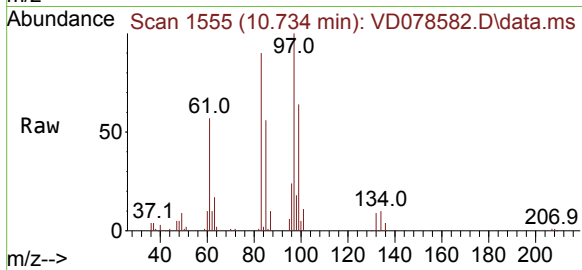




#55
1,1,2-Trichloroethane
Concen: 53.194 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

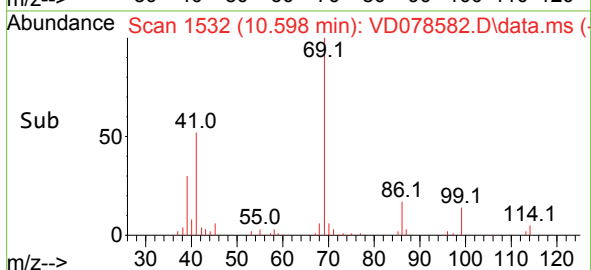
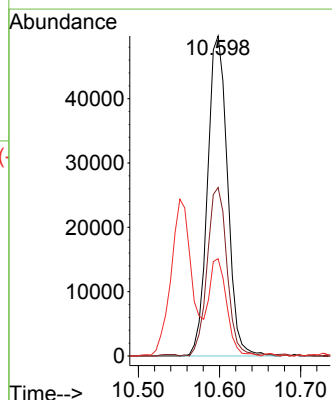
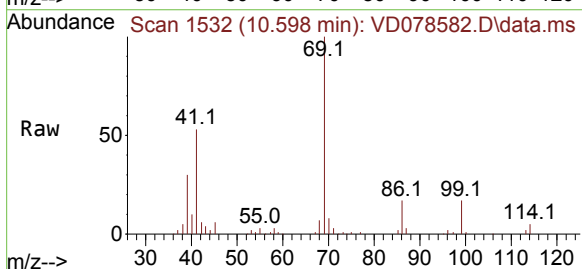
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

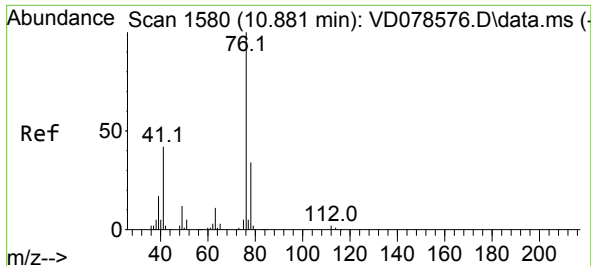
Tgt Ion:	97	Resp:	76264
Ion	Ratio	Lower	Upper
97	100		
83	90.4	65.8	98.6
85	55.8	45.7	68.5
99	64.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 59.047 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion:	69	Resp:	84849
Ion	Ratio	Lower	Upper
69	100		
41	52.5	39.1	58.7
39	26.4	20.0	30.0





#57

1,3-Dichloropropane

Concen: 53.717 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078582.D

Acq: 04 Mar 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

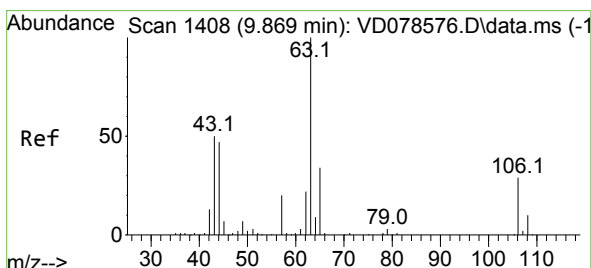
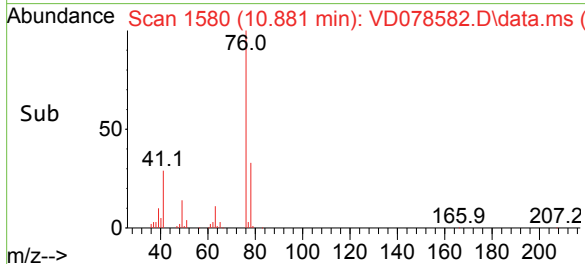
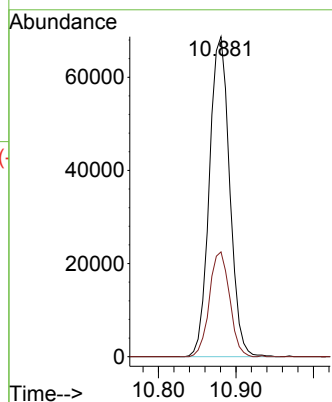
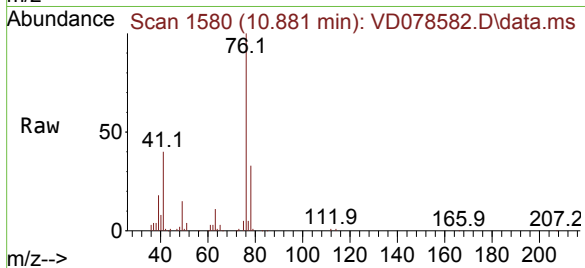
VSTDCCC050

Tgt Ion: 76 Resp: 124801

Ion Ratio Lower Upper

76 100

78 32.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 281.735 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078582.D

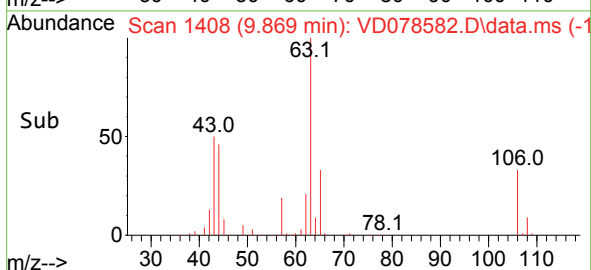
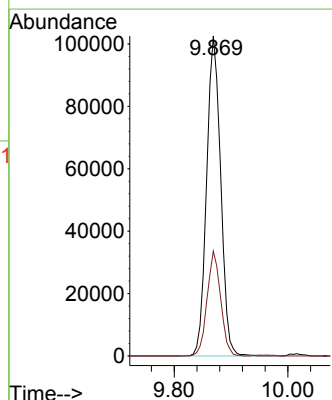
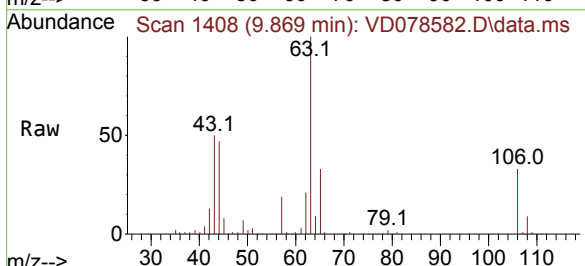
Acq: 04 Mar 2024 10:47

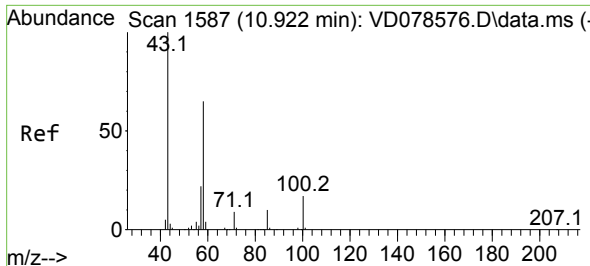
Tgt Ion: 63 Resp: 176000

Ion Ratio Lower Upper

63 100

106 31.5 25.3 37.9

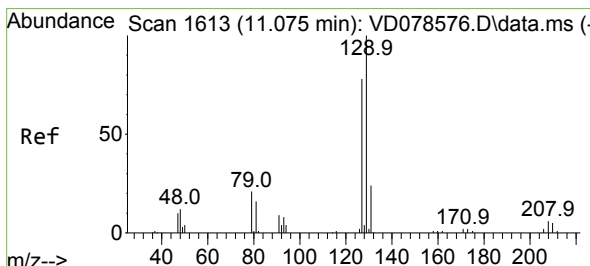
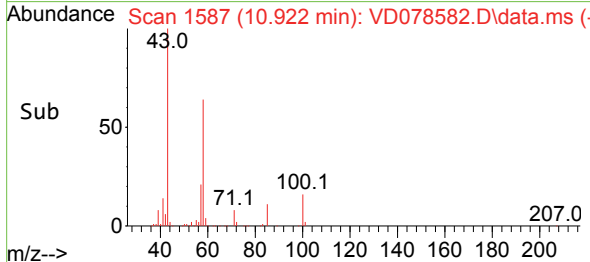
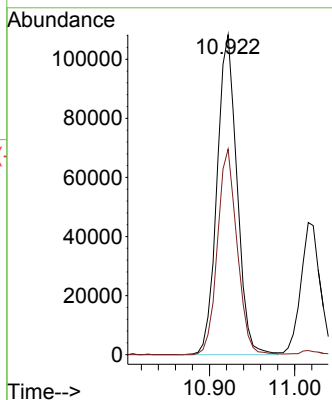
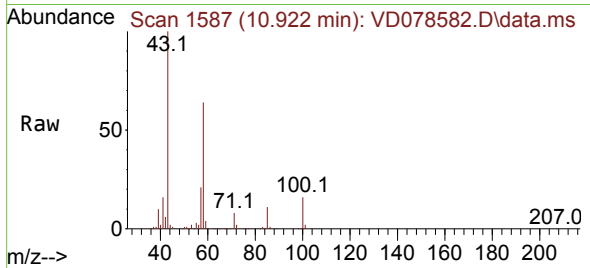




#59
2-Hexanone
Concen: 298.612 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

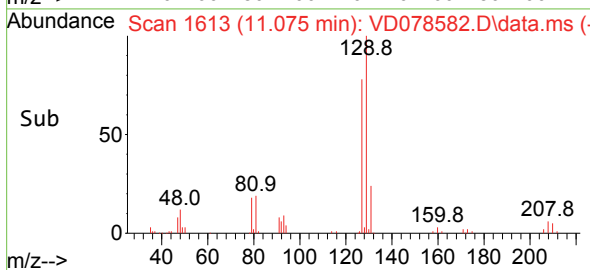
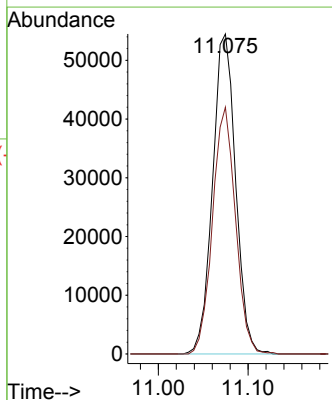
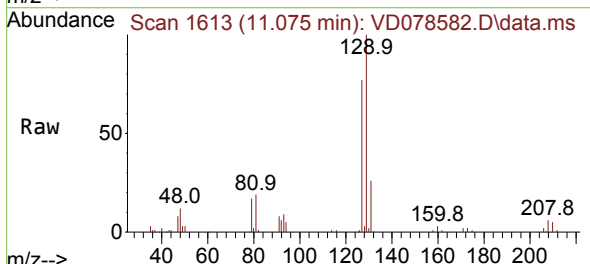
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

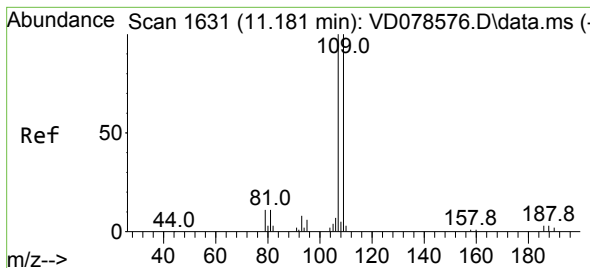
Tgt Ion: 43 Resp: 176154
Ion Ratio Lower Upper
43 100
58 63.2 34.1 102.2



#60
Dibromochloromethane
Concen: 56.066 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion:129 Resp: 97057
Ion Ratio Lower Upper
129 100
127 76.8 37.1 111.5

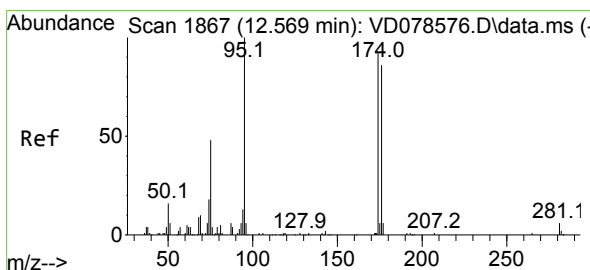
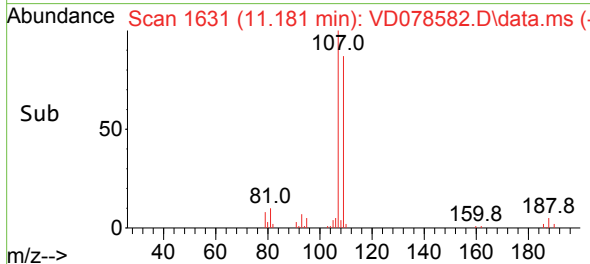
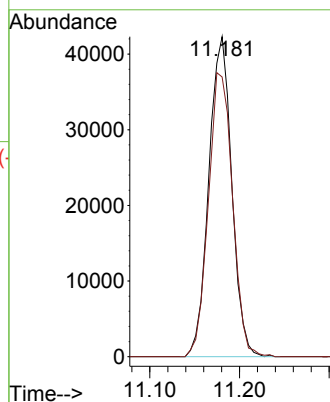
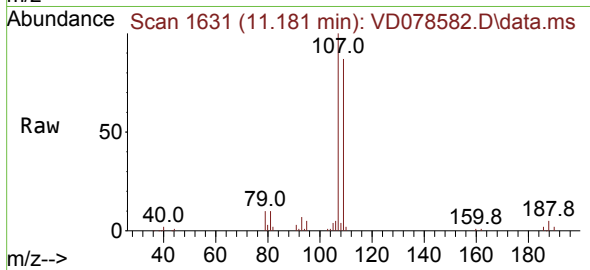




#61
1,2-Dibromoethane
Concen: 56.981 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

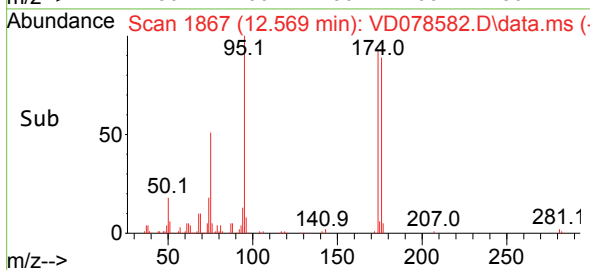
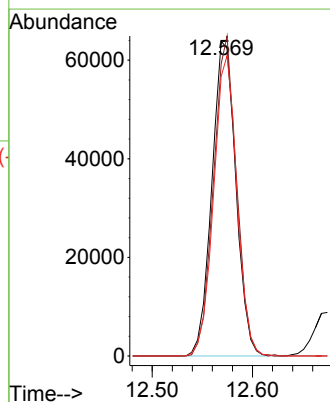
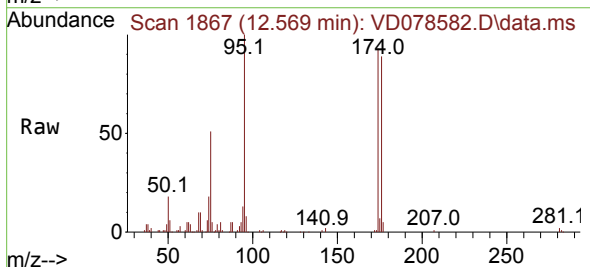
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

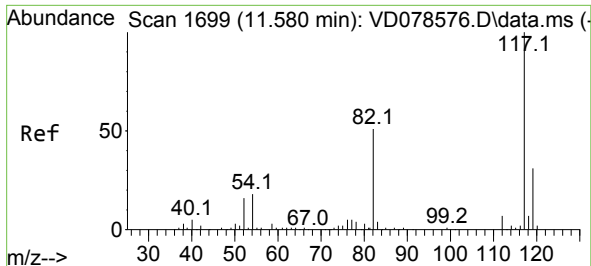
Tgt Ion:107 Resp: 74974
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.197 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 95 Resp: 105834
Ion Ratio Lower Upper
95 100
174 97.0 0.0 201.8
176 92.7 0.0 191.8

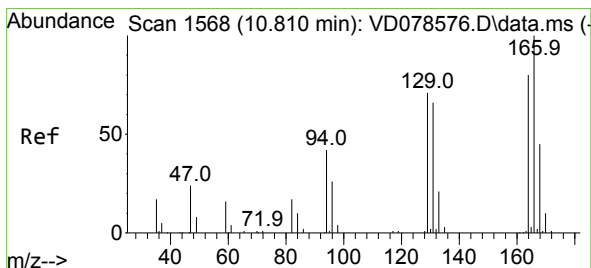
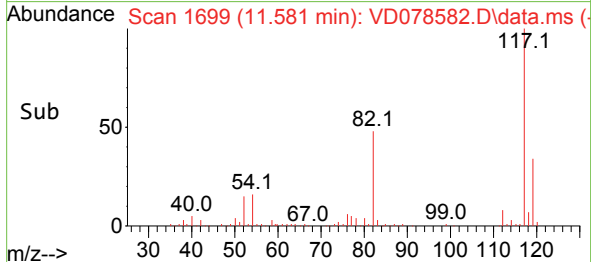
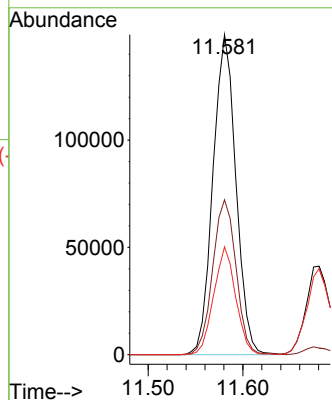
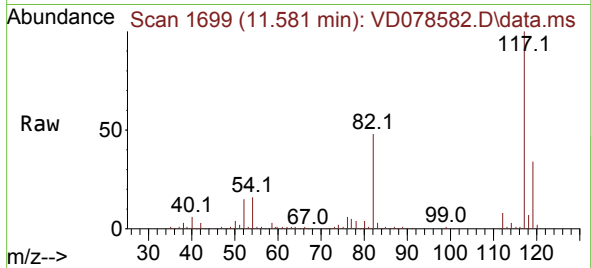




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

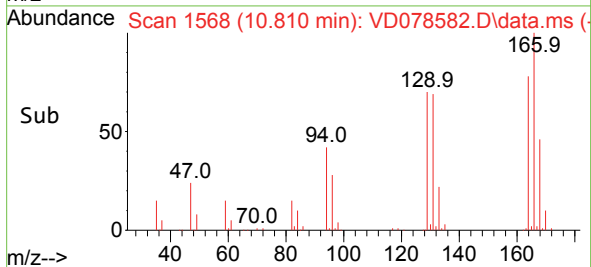
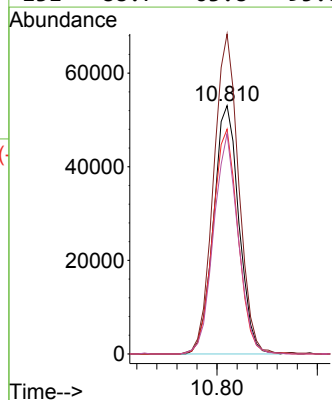
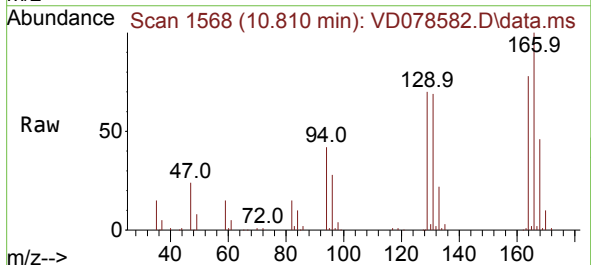
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

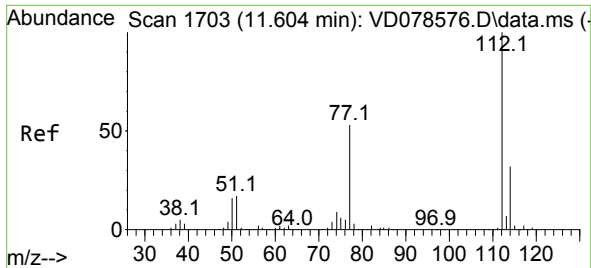
Tgt Ion:117 Resp: 250929
Ion Ratio Lower Upper
117 100
82 48.4 38.3 57.5
119 33.7 25.0 37.4



#64
Tetrachloroethene
Concen: 59.166 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion:164 Resp: 93414
Ion Ratio Lower Upper
164 100
166 128.8 99.2 148.8
129 90.5 68.4 102.6
131 88.7 63.8 95.8

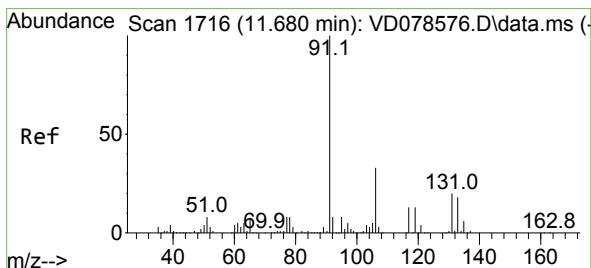
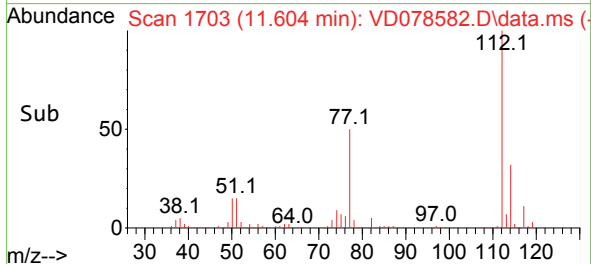
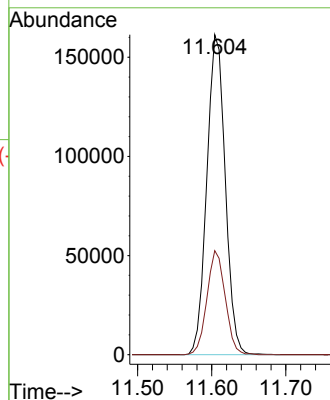
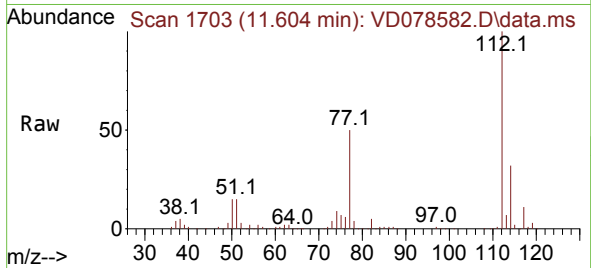




#65
Chlorobenzene
Concen: 56.409 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

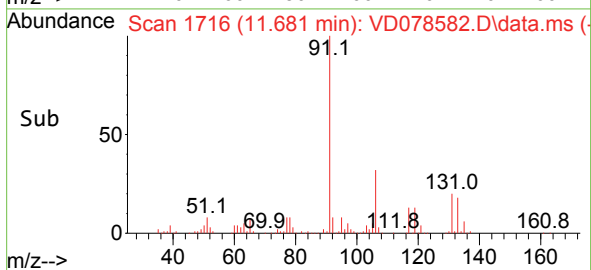
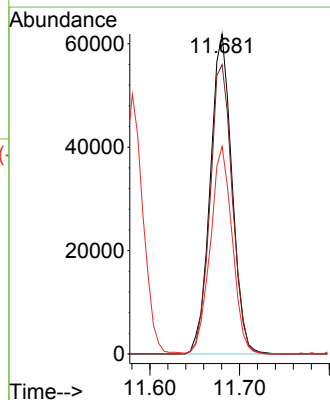
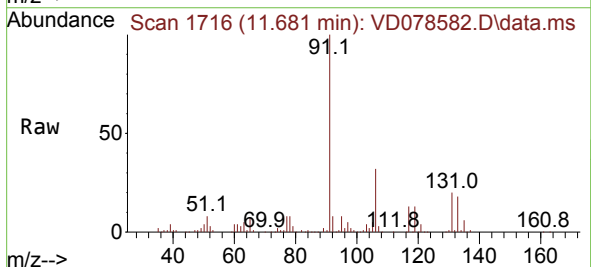
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

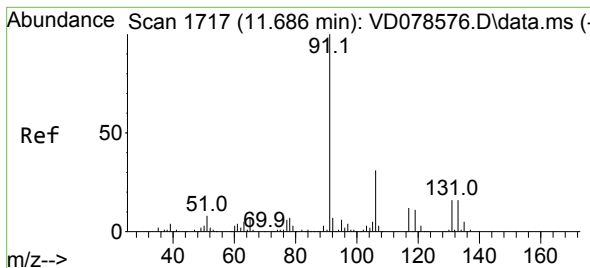
Tgt Ion:112 Resp: 278742
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 56.447 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion:131 Resp: 103840
Ion Ratio Lower Upper
131 100
133 93.0 48.5 145.5
119 65.6 35.6 106.9





#67

Ethyl Benzene

Concen: 58.008 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078582.D

Acq: 04 Mar 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

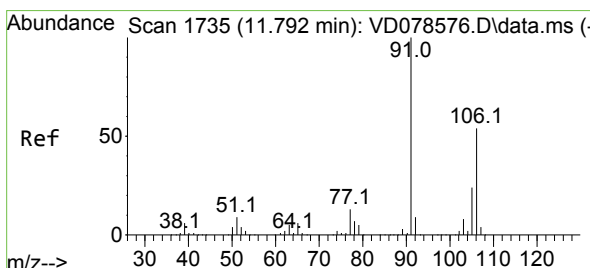
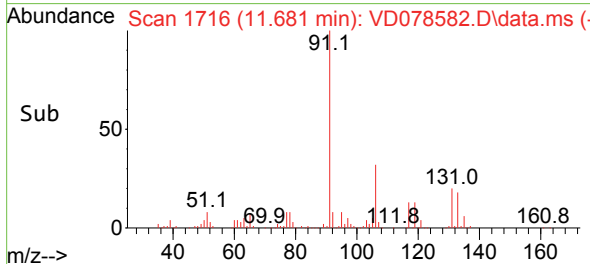
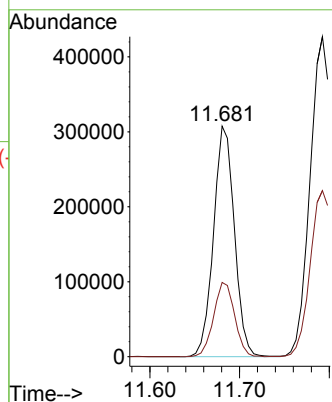
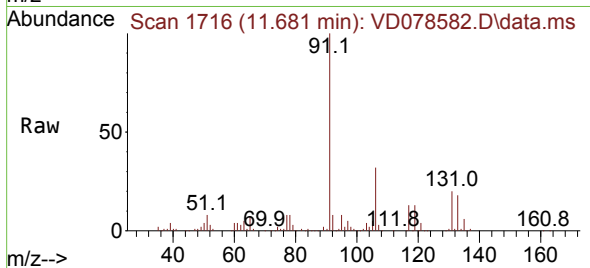
VSTDCCC050

Tgt Ion: 91 Resp: 496667

Ion Ratio Lower Upper

91 100

106 32.2 26.5 39.7



#68

m/p-Xylenes

Concen: 118.043 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078582.D

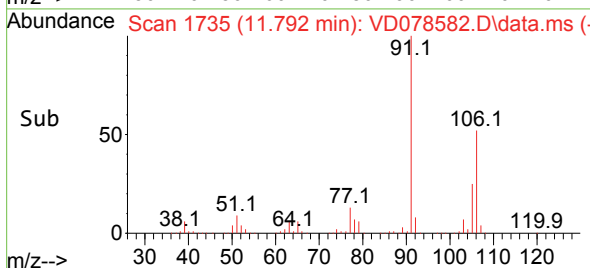
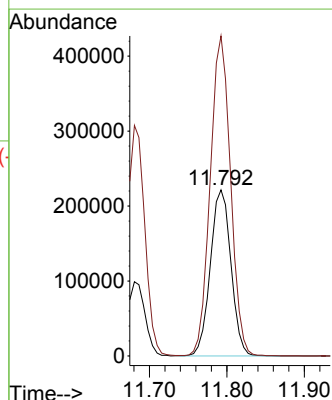
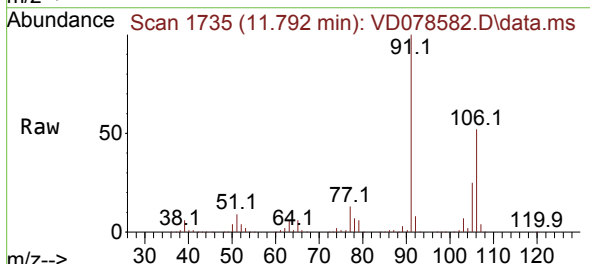
Acq: 04 Mar 2024 10:47

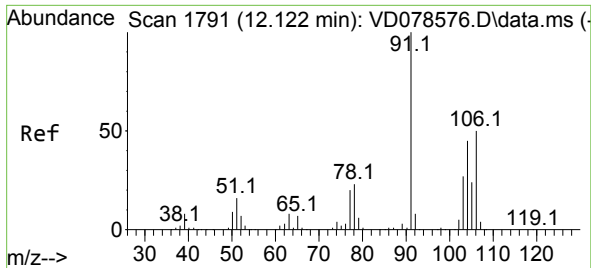
Tgt Ion:106 Resp: 408883

Ion Ratio Lower Upper

106 100

91 190.1 147.0 220.6

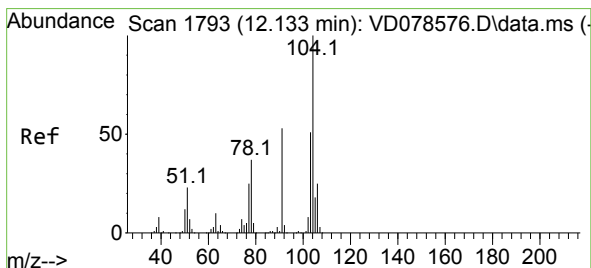
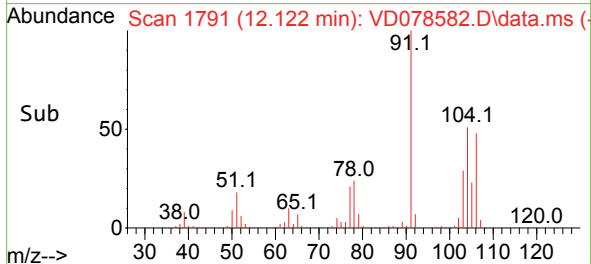
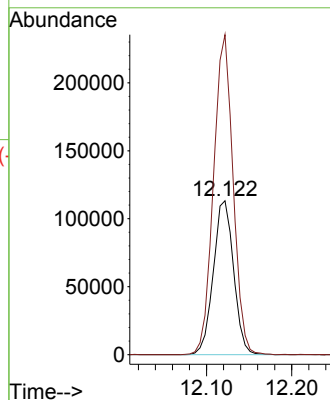
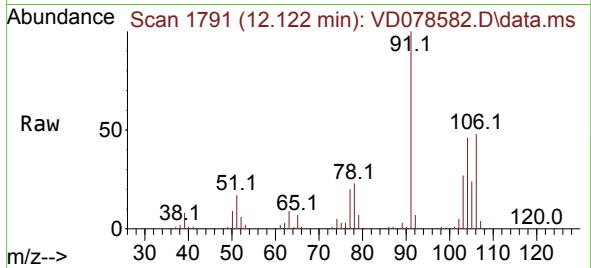




#69
o-Xylene
Concen: 59.515 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

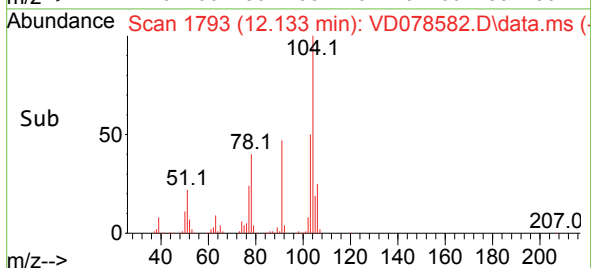
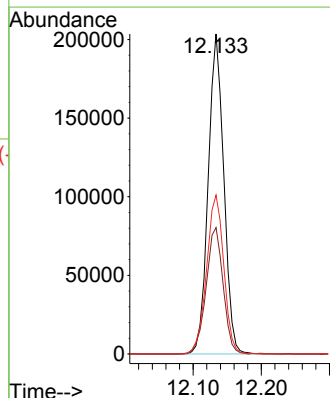
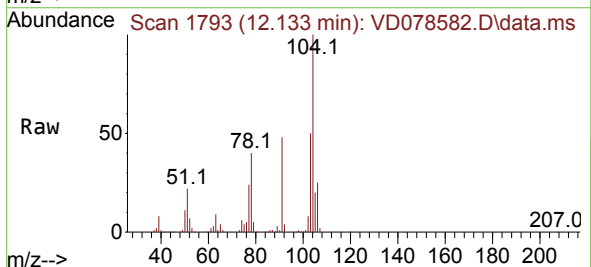
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

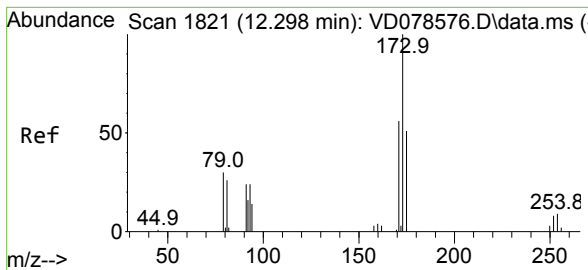
Tgt Ion:106 Resp: 187015
Ion Ratio Lower Upper
106 100
91 200.9 97.9 293.6



#70
Styrene
Concen: 59.488 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion:104 Resp: 324014
Ion Ratio Lower Upper
104 100
78 43.1 33.2 49.8
103 54.7 43.6 65.4

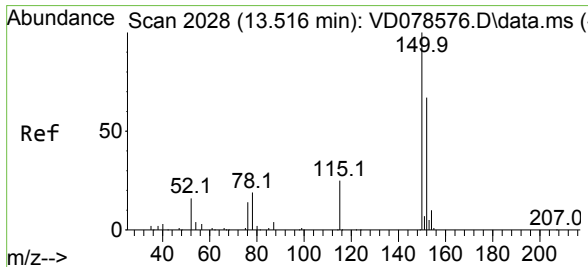
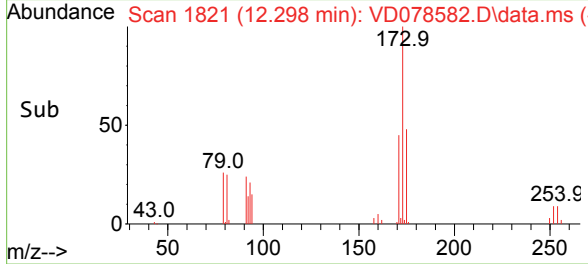
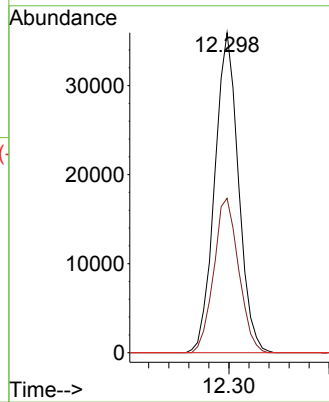
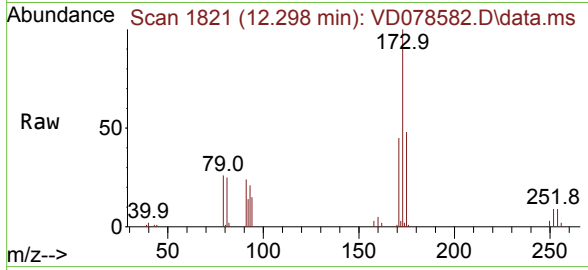




#71
Bromoform
Concen: 60.489 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

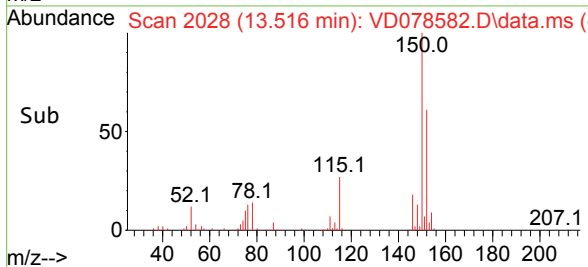
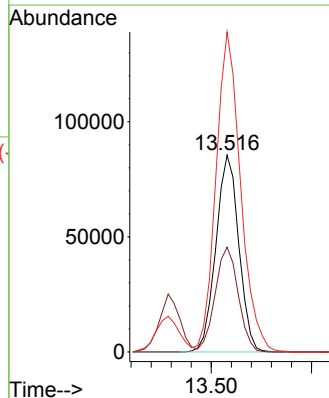
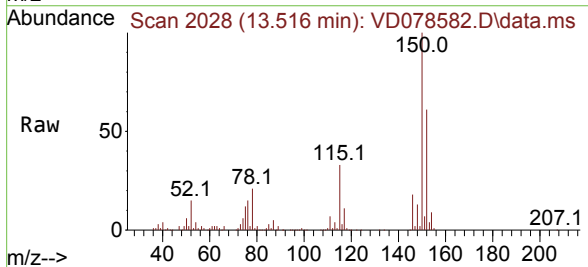
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

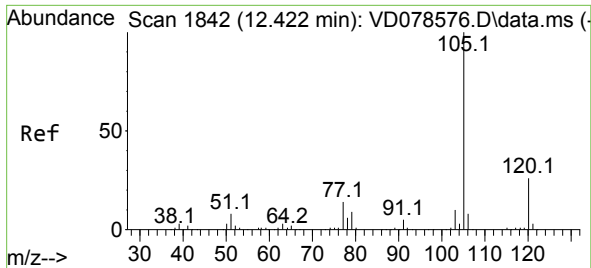
Tgt Ion:	173	Resp:	59197
Ion Ratio	Lower	Upper	
173	100		
175	50.4	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion:	152	Resp:	135553
Ion Ratio	Lower	Upper	
152	100		
115	53.5	27.1	81.3
150	175.0	0.0	353.6

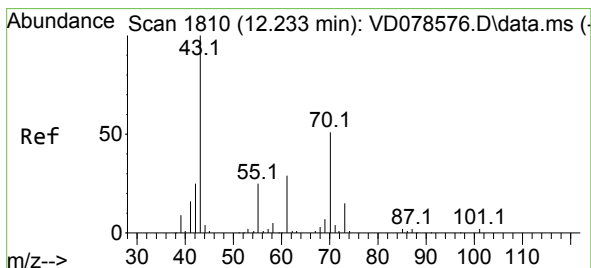
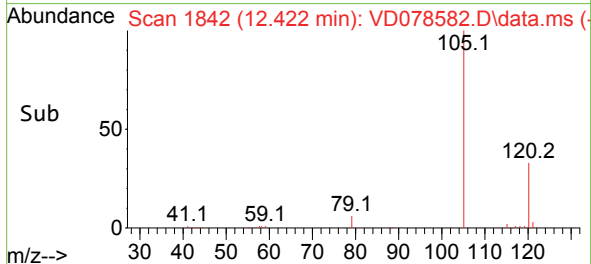
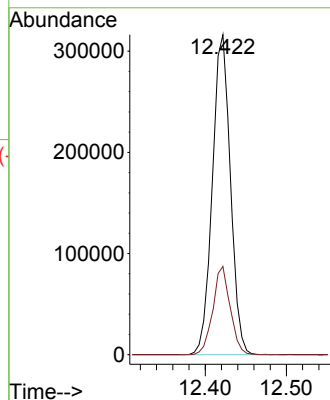
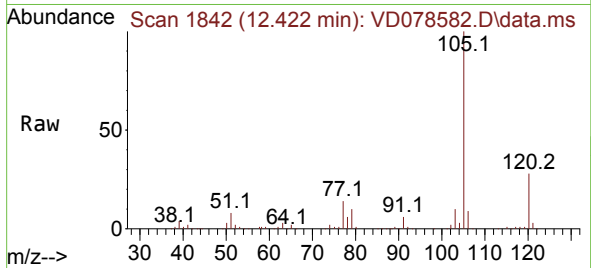




#73
Isopropylbenzene
Concen: 56.846 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

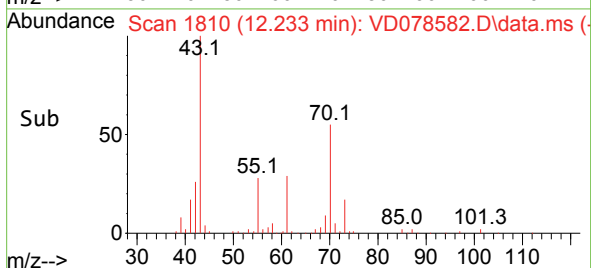
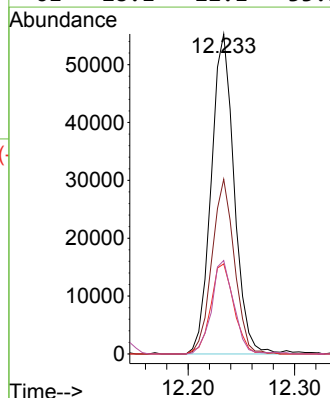
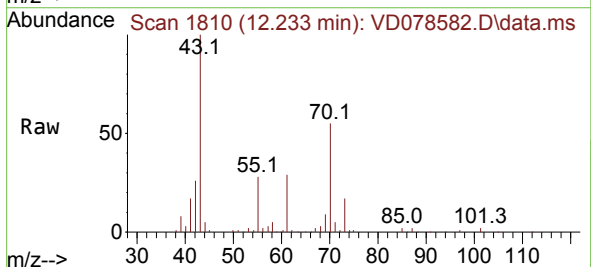
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

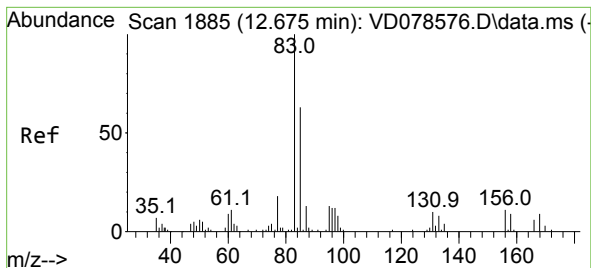
Tgt Ion:105 Resp: 488464
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9



#74
N-ethyl acetate
Concen: 57.105 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 43 Resp: 82589
Ion Ratio Lower Upper
43 100
70 53.5 45.0 67.4
55 28.7 23.8 35.6
61 28.1 22.1 33.1

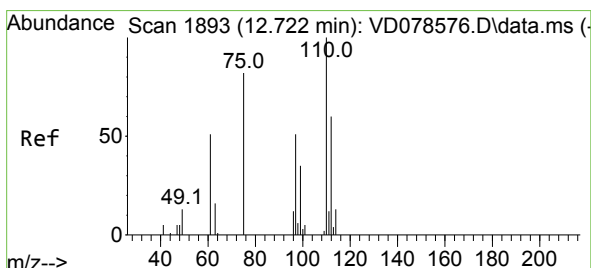
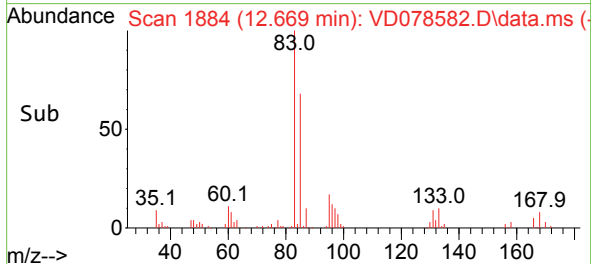
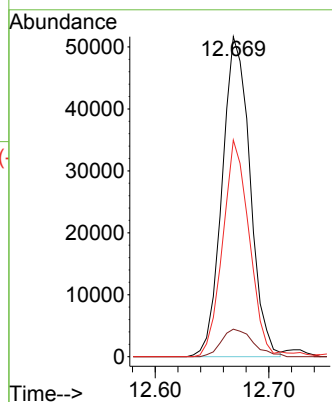
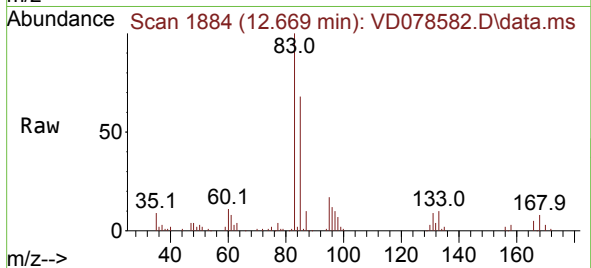




#75
1,1,2,2-Tetrachloroethane
Concen: 53.446 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

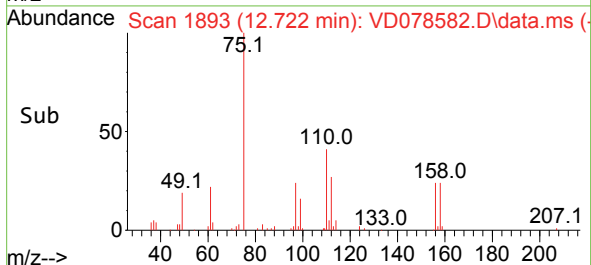
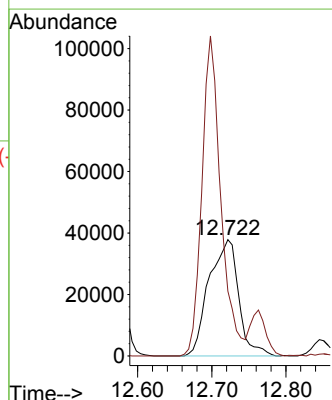
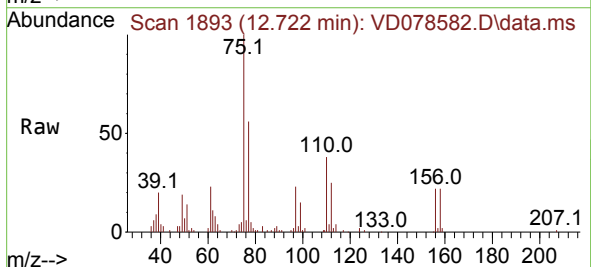
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

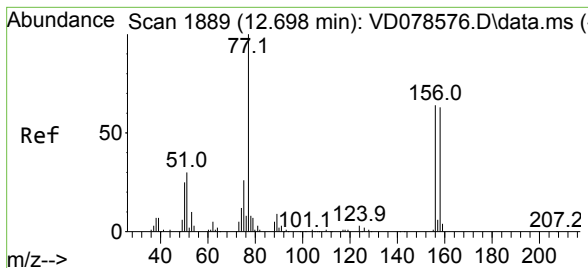
Tgt Ion: 83 Resp: 87978
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 65.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 101.716 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 75 Resp: 105304
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.276 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078582.D

Acq: 04 Mar 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

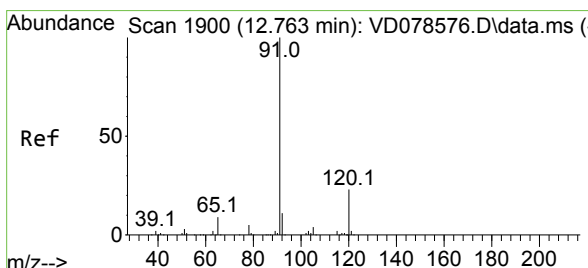
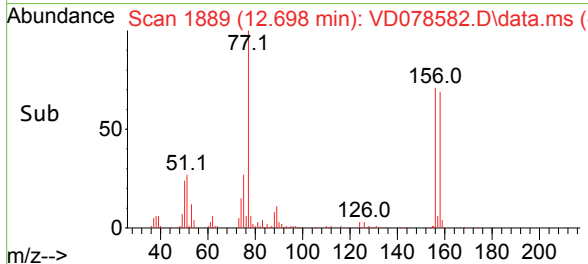
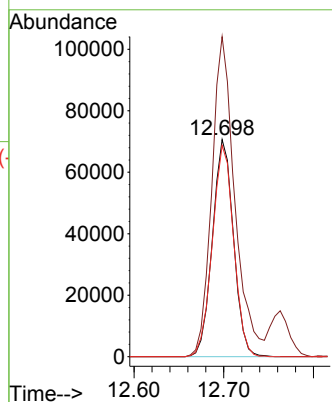
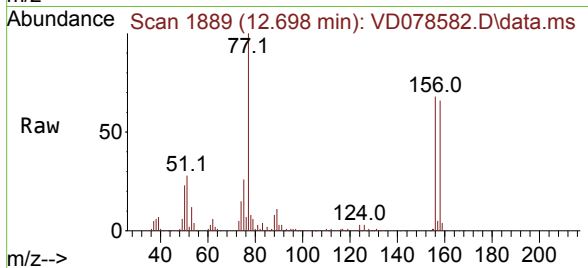
Tgt Ion:156 Resp: 114868

Ion Ratio Lower Upper

156 100

77 161.6 76.8 230.4

158 98.7 48.6 145.9



#78

n-propylbenzene

Concen: 57.249 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078582.D

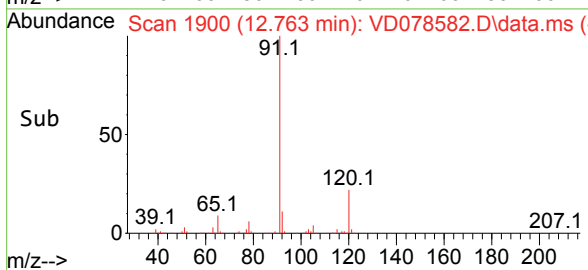
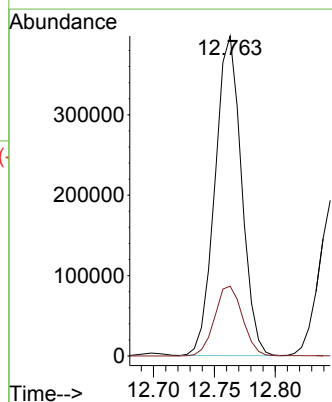
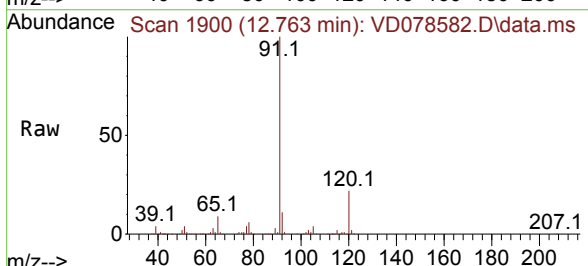
Acq: 04 Mar 2024 10:47

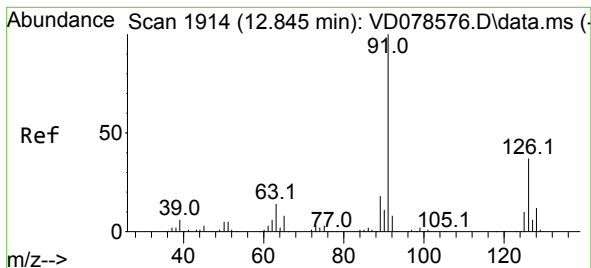
Tgt Ion: 91 Resp: 601717

Ion Ratio Lower Upper

91 100

120 23.0 12.4 37.2

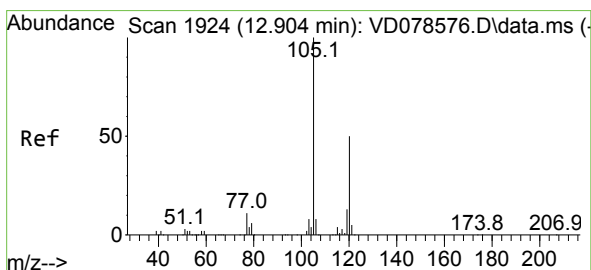
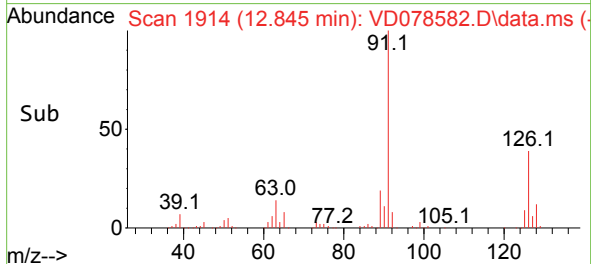
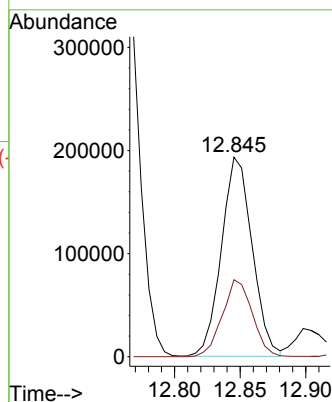
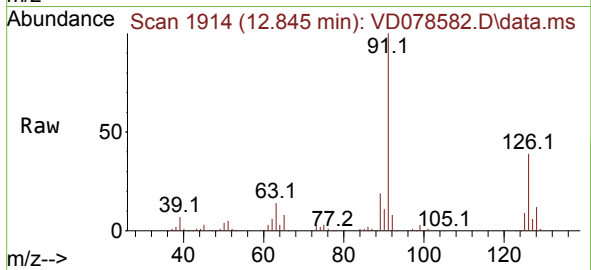




#79
2-Chlorotoluene
Concen: 56.054 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

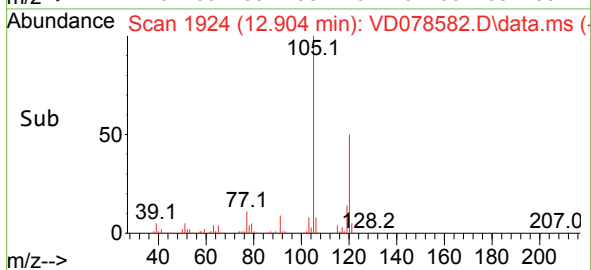
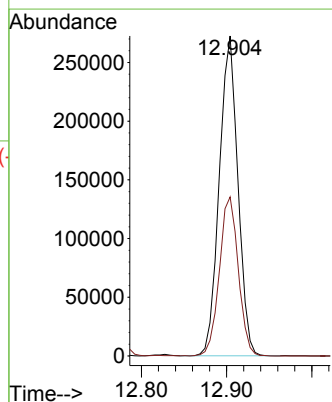
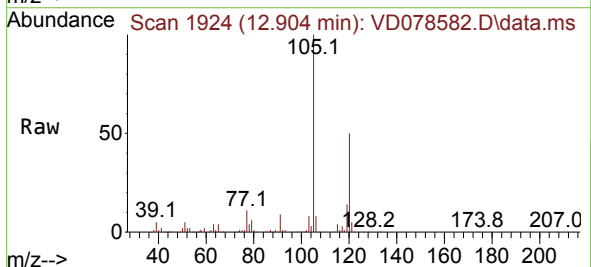
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

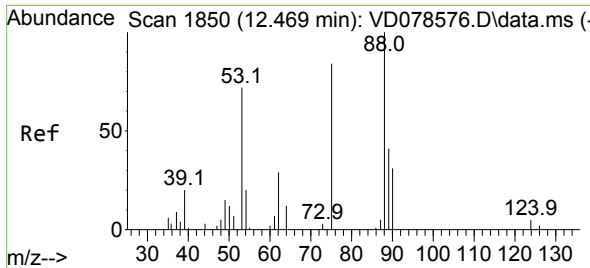
Tgt Ion: 91 Resp: 316152
Ion Ratio Lower Upper
91 100
126 37.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 58.968 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 105 Resp: 412313
Ion Ratio Lower Upper
105 100
120 50.6 26.4 79.2

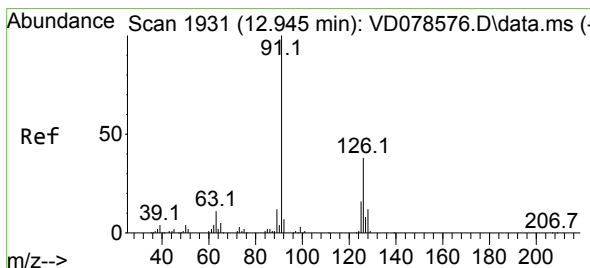
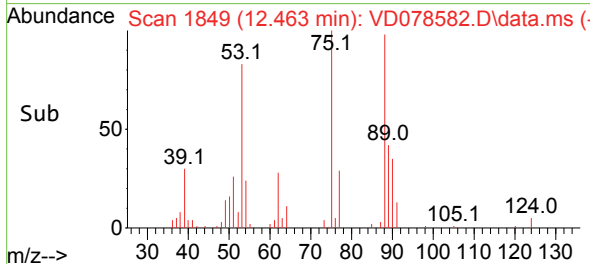
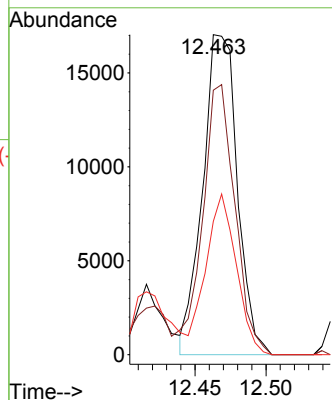
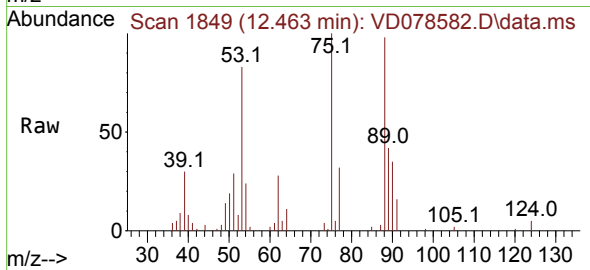




#81
trans-1,4-Dichloro-2-butene
Concen: 59.790 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

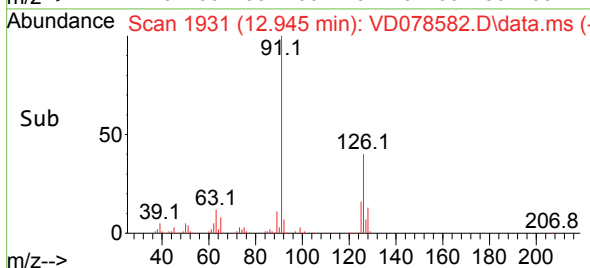
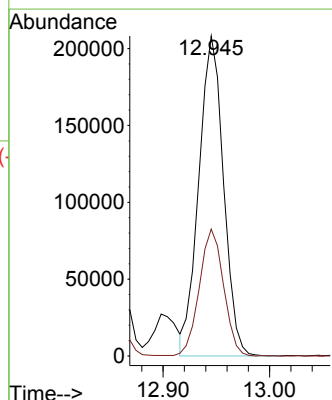
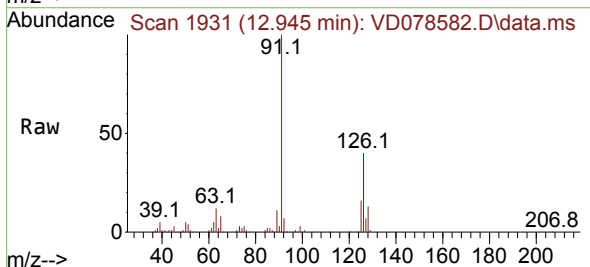
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

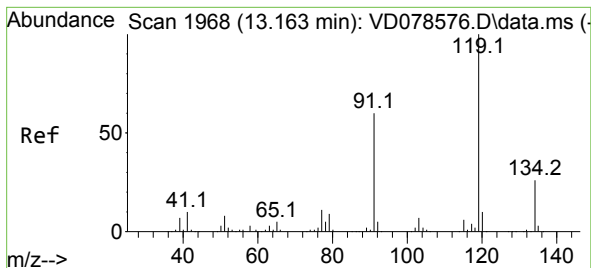
Tgt Ion: 75 Resp: 28919
Ion Ratio Lower Upper
75 100
53 79.3 63.0 94.4
89 43.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 55.850 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 91 Resp: 335703
Ion Ratio Lower Upper
91 100
126 38.9 19.4 58.4

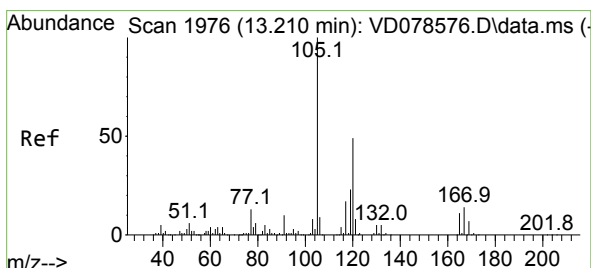
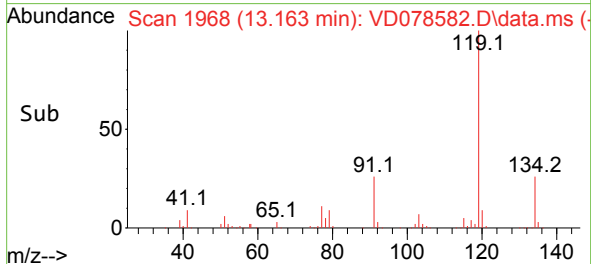
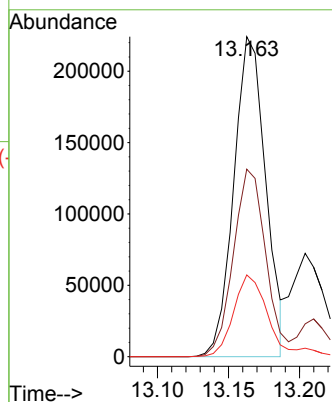
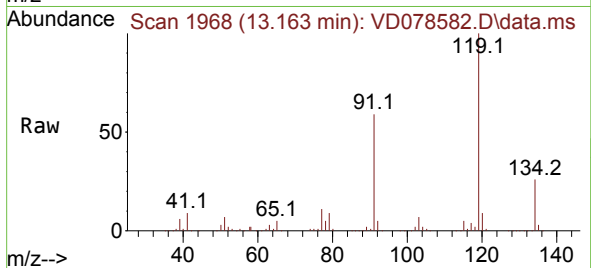




#83
tert-Butylbenzene
Concen: 58.268 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

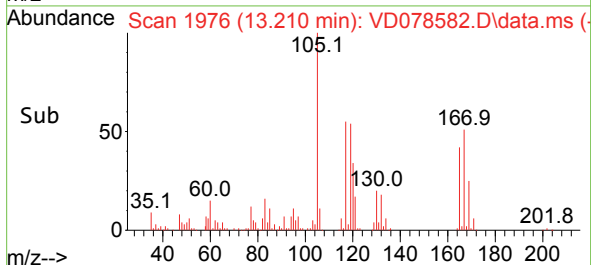
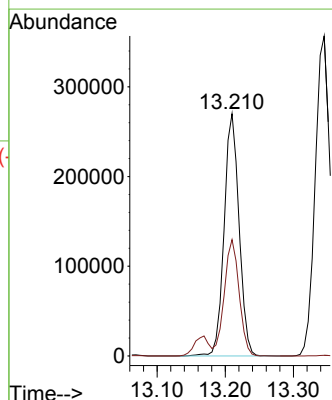
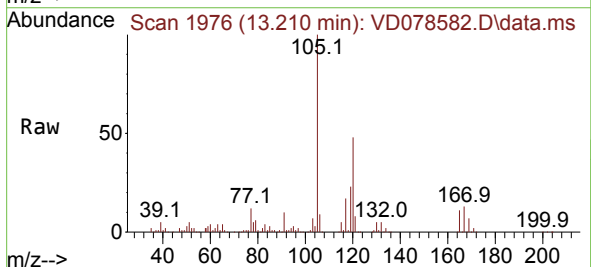
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

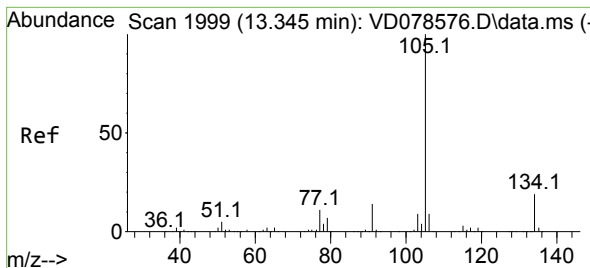
Tgt Ion:119 Resp: 350808
Ion Ratio Lower Upper
119 100
91 59.6 29.3 87.8
134 28.2 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 57.497 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion:105 Resp: 410912
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 58.673 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078582.D

Acq: 04 Mar 2024 10:47

Instrument :

MSVOA_D

ClientSampleId :

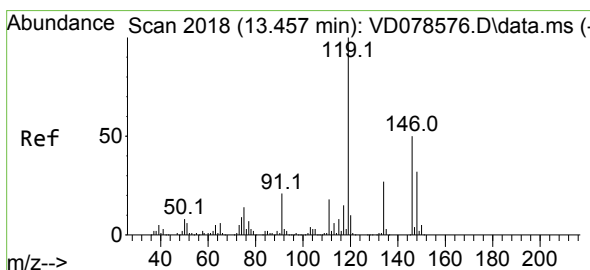
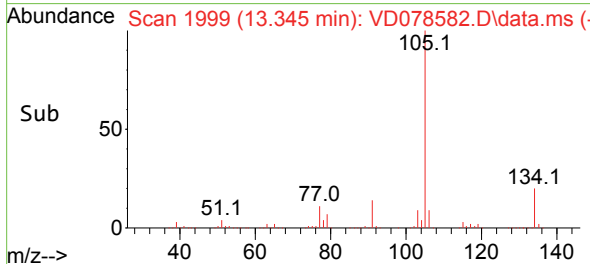
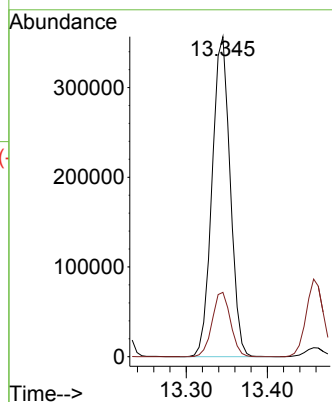
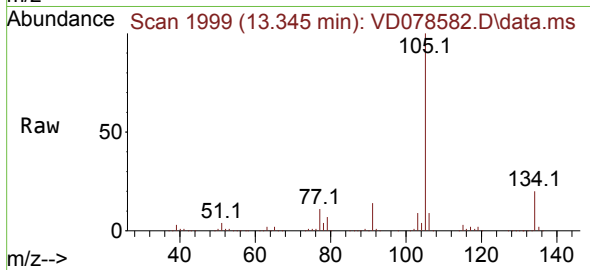
VSTDCCC050

Tgt Ion:105 Resp: 551082

Ion Ratio Lower Upper

105 100

134 20.4 10.9 32.9



#86

p-Isopropyltoluene

Concen: 60.291 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078582.D

Acq: 04 Mar 2024 10:47

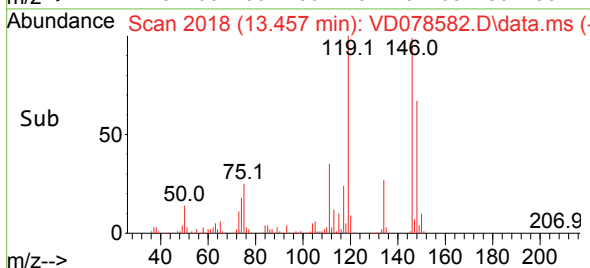
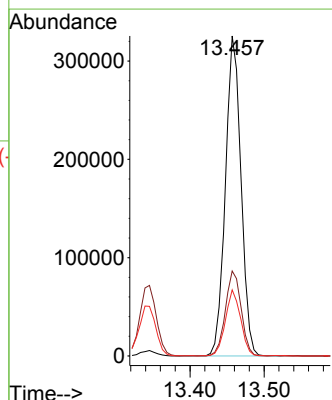
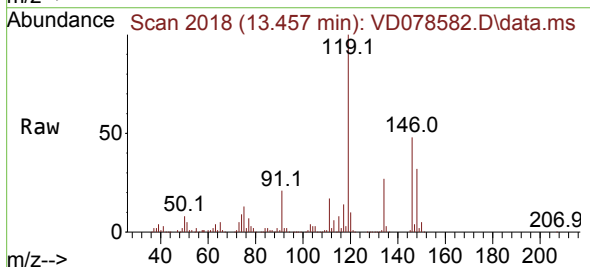
Tgt Ion:119 Resp: 476710

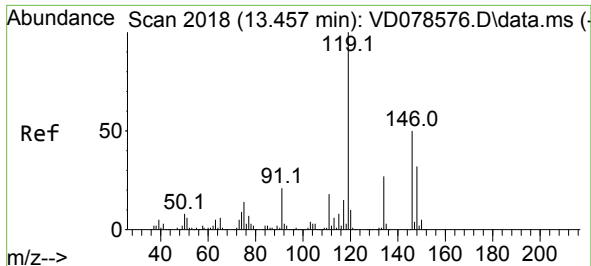
Ion Ratio Lower Upper

119 100

134 26.8 14.2 42.6

91 20.2 10.5 31.5

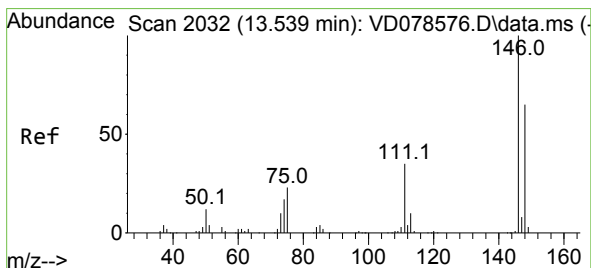
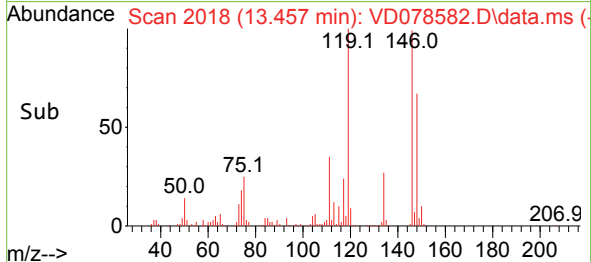
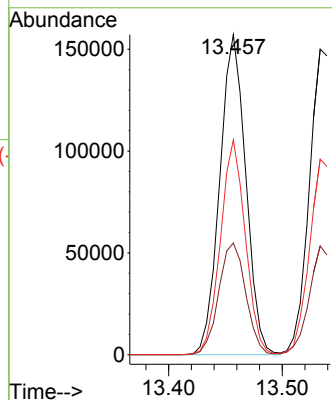
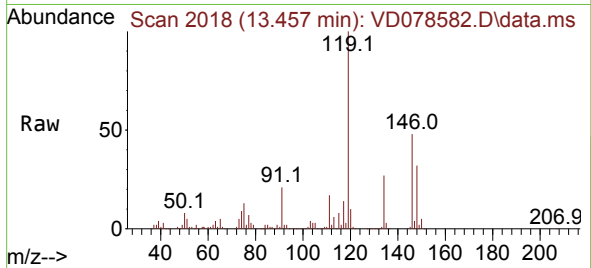




#87
 1,3-Dichlorobenzene
 Concen: 56.366 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078582.D
 Acq: 04 Mar 2024 10:47

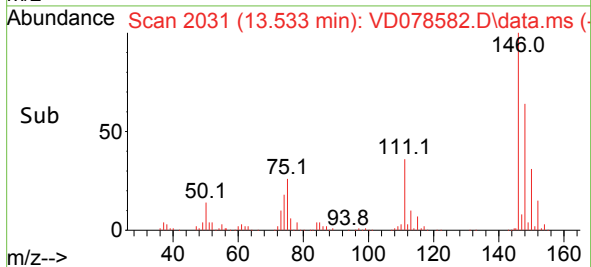
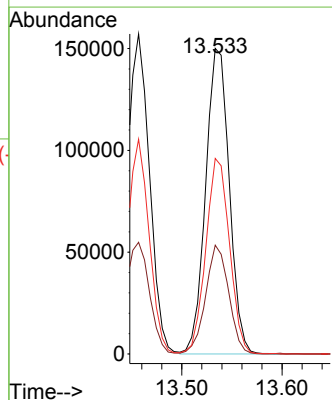
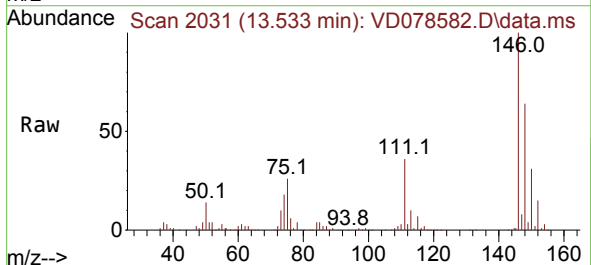
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

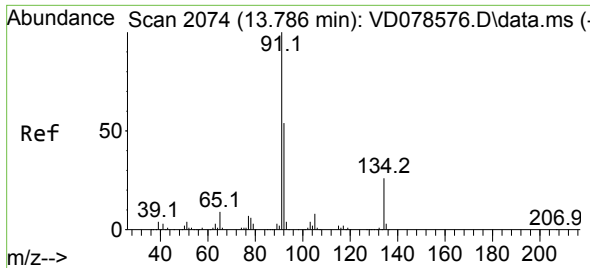
Tgt Ion:146 Resp: 250283
 Ion Ratio Lower Upper
 146 100
 111 36.3 17.9 53.8
 148 64.2 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 55.377 ug/l
 RT: 13.533 min Scan# 2031
 Delta R.T. -0.006 min
 Lab File: VD078582.D
 Acq: 04 Mar 2024 10:47

Tgt Ion:146 Resp: 246351
 Ion Ratio Lower Upper
 146 100
 111 34.8 17.4 52.3
 148 64.3 31.7 95.1

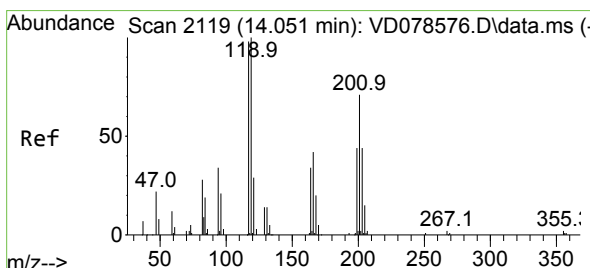
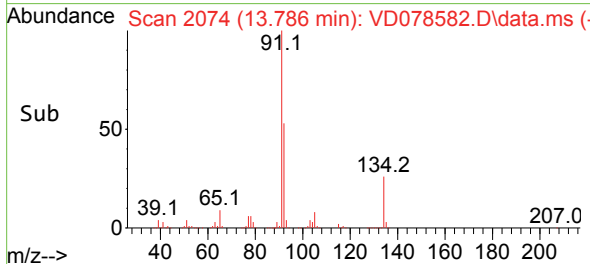
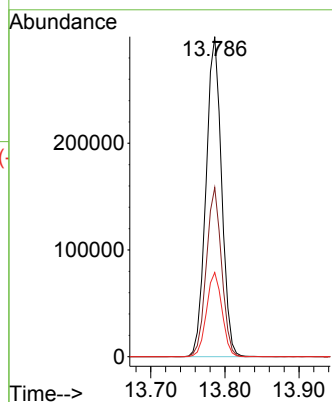
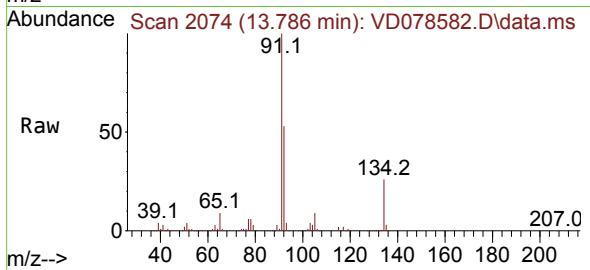




#89
n-Butylbenzene
Concen: 59.209 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

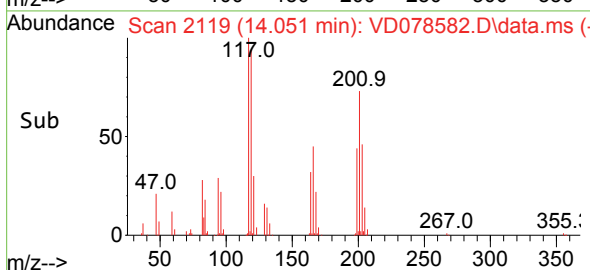
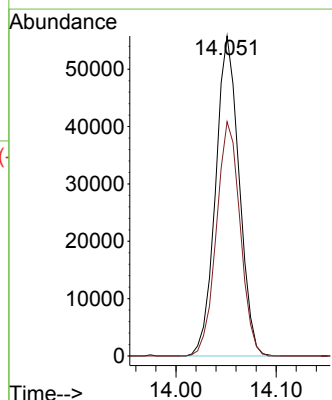
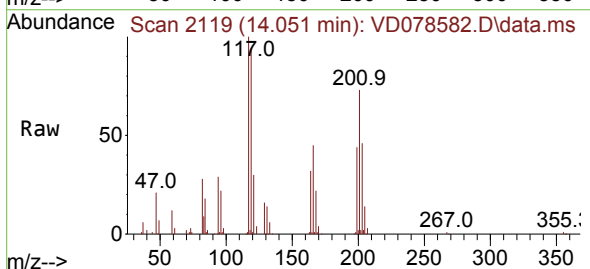
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

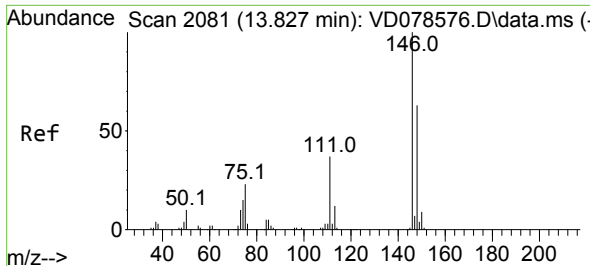
Tgt Ion: 91 Resp: 437496
Ion Ratio Lower Upper
91 100
92 51.7 26.5 79.5
134 26.2 13.8 41.3



#90
Hexachloroethane
Concen: 56.419 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 117 Resp: 90705
Ion Ratio Lower Upper
117 100
201 74.0 38.5 115.5

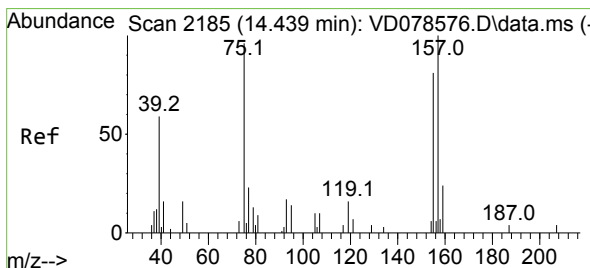
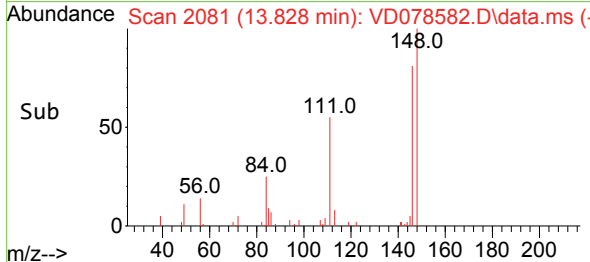
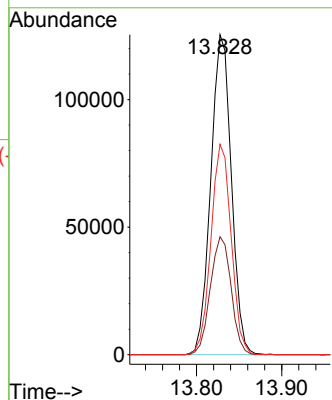
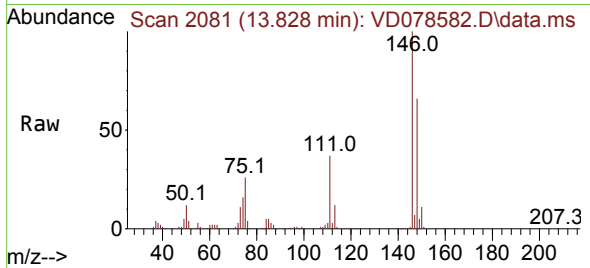




#91
1,2-Dichlorobenzene
Concen: 55.867 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

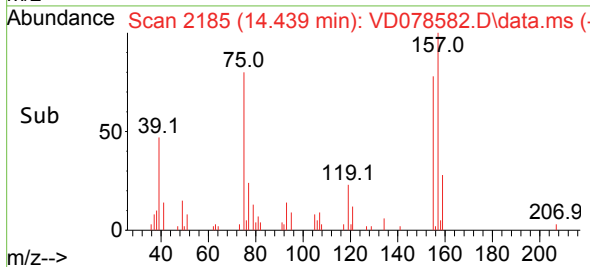
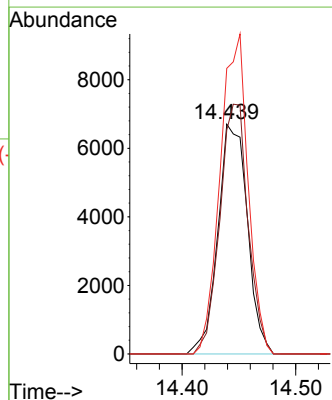
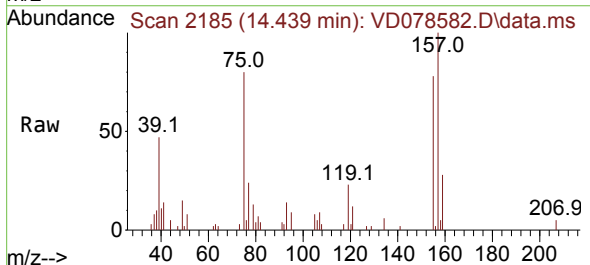
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

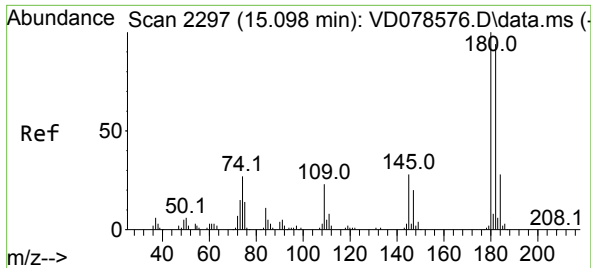
Tgt Ion:146 Resp: 210717
Ion Ratio Lower Upper
146 100
111 37.3 18.3 54.8
148 64.8 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.092 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion: 75 Resp: 12088
Ion Ratio Lower Upper
75 100
155 104.3 47.9 143.8
157 131.6 59.9 179.7

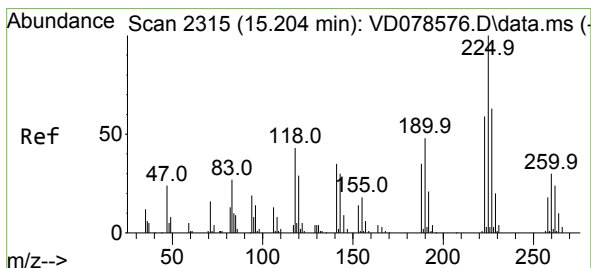
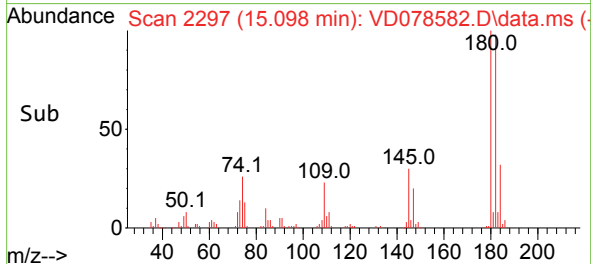
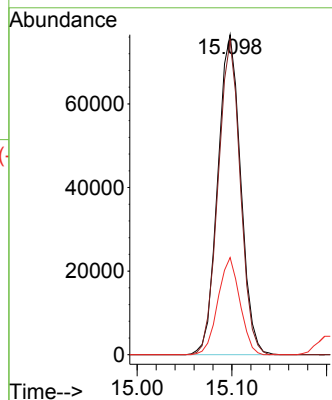
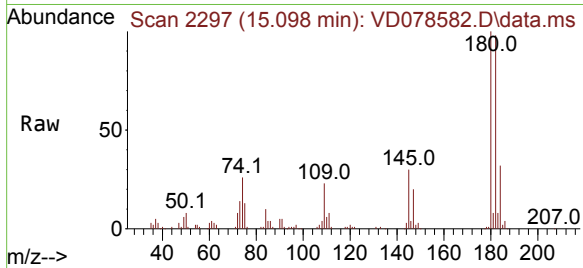




#93
1,2,4-Trichlorobenzene
Concen: 57.528 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

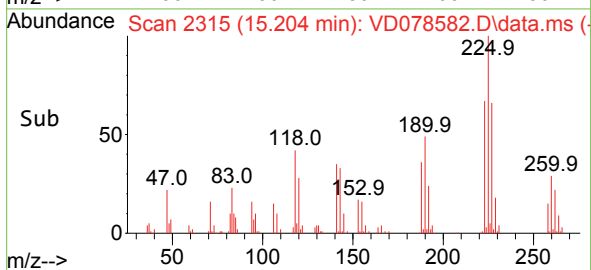
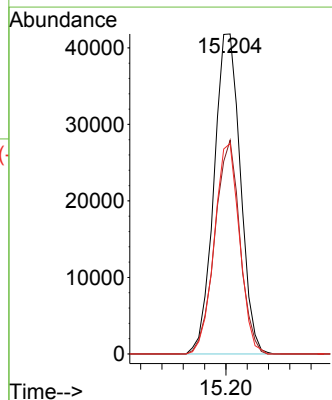
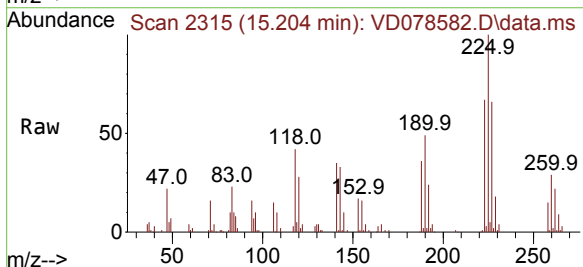
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

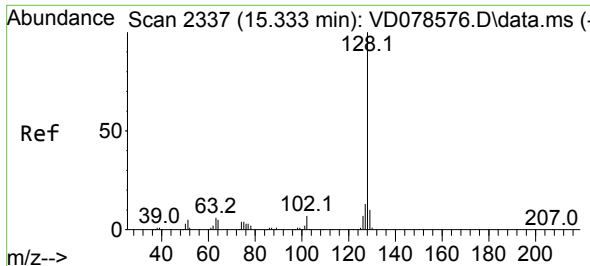
Tgt Ion:180 Resp: 128486
Ion Ratio Lower Upper
180 100
182 95.2 48.5 145.6
145 29.1 14.2 42.6



#94
Hexachlorobutadiene
Concen: 58.408 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion:225 Resp: 71777
Ion Ratio Lower Upper
225 100
223 63.5 31.6 94.8
227 62.9 31.7 95.1

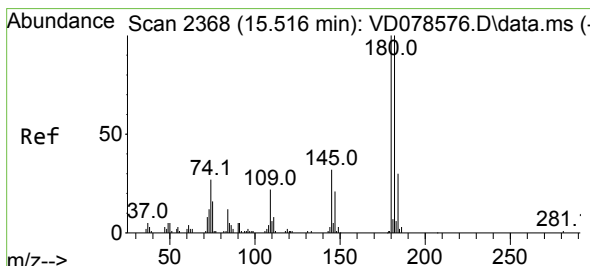
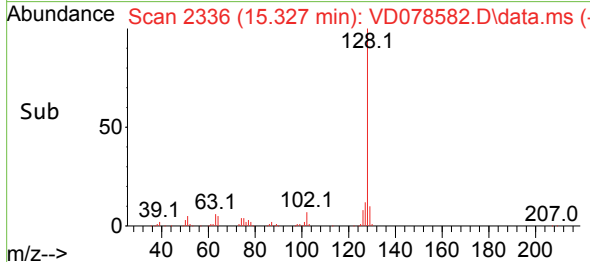
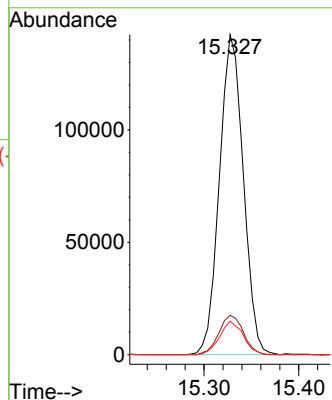
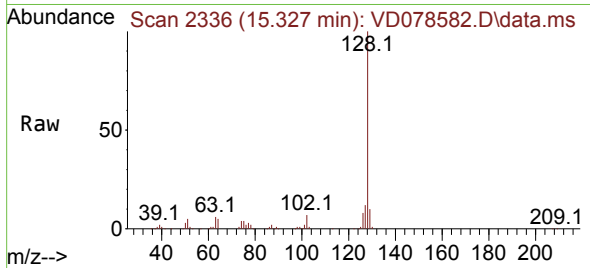




#95
Naphthalene
Concen: 63.204 ug/l
RT: 15.327 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 249442
Ion Ratio Lower Upper
128 100
127 12.3 10.5 15.7
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 59.514 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD078582.D
Acq: 04 Mar 2024 10:47

Tgt Ion:180 Resp: 118048
Ion Ratio Lower Upper
180 100
182 91.9 47.3 141.9
145 29.4 15.1 45.3

