

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030124\
 Data File : VD078576.D
 Acq On : 01 Mar 2024 13:38
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 02 03:38:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:25:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	148398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	243151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	227461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121570	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66043	44.895	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.800%
35) Dibromofluoromethane	7.810	113	75167	47.523	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.040%
50) Toluene-d8	10.269	98	300145	48.835	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.569	95	86529	49.292	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	57476	49.564	ug/l	100
3) Chloromethane	2.152	50	109159	52.372	ug/l	99
4) Vinyl Chloride	2.281	62	170720	46.802	ug/l	100
5) Bromomethane	2.693	94	127785	43.863	ug/l	98
6) Chloroethane	2.834	64	125130	46.283	ug/l	96
7) Trichlorofluoromethane	3.175	101	111646	45.265	ug/l	97
8) Diethyl Ether	3.593	74	31839	45.971	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.969	101	70577	45.401	ug/l	96
10) Methyl Iodide	4.163	142	82615	50.787	ug/l	93
11) Tert butyl alcohol	5.057	59	15524	223.786	ug/l	98
12) 1,1-Dichloroethene	3.940	96	69380	47.808	ug/l	94
13) Acrolein	3.799	56	36982	253.493	ug/l	99
14) Allyl chloride	4.563	41	79006	47.798	ug/l	94
15) Acrylonitrile	5.257	53	65860	230.653	ug/l	97
16) Acetone	4.028	43	63878	226.656	ug/l #	86
17) Carbon Disulfide	4.269	76	225992	46.741	ug/l	96
18) Methyl Acetate	4.569	43	28481	53.391	ug/l	97
19) Methyl tert-butyl Ether	5.328	73	140261	47.535	ug/l	96
20) Methylene Chloride	4.804	84	98307	51.224	ug/l	91
21) trans-1,2-Dichloroethene	5.316	96	82883	47.533	ug/l	98
22) Diisopropyl ether	6.222	45	180868	48.805	ug/l	95
23) Vinyl Acetate	6.157	43	533915	242.578	ug/l	94
24) 1,1-Dichloroethane	6.110	63	134048	47.879	ug/l	96
25) 2-Butanone	7.087	43	80880	227.509	ug/l	89
26) 2,2-Dichloropropane	7.075	77	110925	46.898	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	90995	47.659	ug/l	98
28) Bromochloromethane	7.428	49	53843	51.478	ug/l	91
29) Tetrahydrofuran	7.445	42	46910	237.513	ug/l	93
30) Chloroform	7.598	83	142078	46.999	ug/l	99
31) Cyclohexane	7.881	56	106310	46.172	ug/l	92
32) 1,1,1-Trichloroethane	7.792	97	122278	47.152	ug/l	99
36) 1,1-Dichloropropene	8.010	75	108401	49.527	ug/l	97
37) Ethyl Acetate	7.169	43	35075	49.459	ug/l	97
38) Carbon Tetrachloride	7.992	117	110070	48.082	ug/l	98
39) Methylcyclohexane	9.275	83	134602	52.397	ug/l	97
40) Benzene	8.251	78	320801	49.449	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	19401	51.041	ug/l	93
42) 1,2-Dichloroethane	8.322	62	78358	47.610	ug/l	98
43) Isopropyl Acetate	8.363	43	62870	46.241	ug/l #	81
44) Trichloroethene	9.028	130	84754	47.608	ug/l	87
45) 1,2-Dichloropropane	9.304	63	76443	49.052	ug/l	95
46) Dibromomethane	9.392	93	43599	48.529	ug/l	92
47) Bromodichloromethane	9.586	83	106499	48.076	ug/l	96
48) Methyl methacrylate	9.381	41	29368	47.684	ug/l	89
49) 1,4-Dioxane	9.386	88	8988	914.453	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	169092	240.952	ug/l	94
52) Toluene	10.334	92	213362	51.256	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	98521	48.075	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	119472	48.691	ug/l #	93
55) 1,1,2-Trichloroethane	10.733	97	59100	46.718	ug/l	97
56) Ethyl methacrylate	10.598	69	63066	49.739	ug/l	95
57) 1,3-Dichloropropane	10.881	76	98449	48.024	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	131004	243.481	ug/l	98
59) 2-Hexanone	10.922	43	124484	239.156	ug/l	94
60) Dibromochloromethane	11.075	129	74670	48.884	ug/l	99
61) 1,2-Dibromoethane	11.181	107	56310	48.502	ug/l	100
64) Tetrachloroethene	10.810	164	72757	50.837	ug/l	98
65) Chlorobenzene	11.604	112	224778	50.182	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.680	131	80282	48.144	ug/l	98
67) Ethyl Benzene	11.686	91	398407	51.333	ug/l	96
68) m/p-Xylenes	11.792	106	330655	105.308	ug/l	97
69) o-Xylene	12.122	106	148016	51.964	ug/l	94
70) Styrene	12.133	104	261211	52.905	ug/l	99
71) Bromoform	12.298	173	42072	47.425	ug/l #	99
73) Isopropylbenzene	12.422	105	394604	51.205	ug/l	95
74) N-amyl acetate	12.233	43	61946	47.758	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	66749	45.214	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	80361	86.354	ug/l #	100
77) Bromobenzene	12.698	156	91751	49.230	ug/l	98
78) n-propylbenzene	12.763	91	480480	50.972	ug/l	97
79) 2-Chlorotoluene	12.845	91	255647	50.540	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	325703	51.939	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	19815	45.680	ug/l	97
82) 4-Chlorotoluene	12.945	91	269794	50.047	ug/l	97
83) tert-Butylbenzene	13.163	119	291051	53.903	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	334757	52.228	ug/l	98
85) sec-Butylbenzene	13.345	105	445044	52.833	ug/l	96
86) p-Isopropyltoluene	13.457	119	378624	53.394	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	197909	49.698	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	191223	47.929	ug/l	97
89) n-Butylbenzene	13.786	91	347421	52.426	ug/l	99
90) Hexachloroethane	14.051	117	72754	50.459	ug/l	93
91) 1,2-Dichlorobenzene	13.827	146	168301	49.754	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	8515	43.272	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	100031	49.939	ug/l	99
94) Hexachlorobutadiene	15.204	225	55773	50.605	ug/l	99
95) Naphthalene	15.333	128	174334	49.254	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	87936	49.432	ug/l	99

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QLast Update : Sat Mar 02 03:25:57 2024
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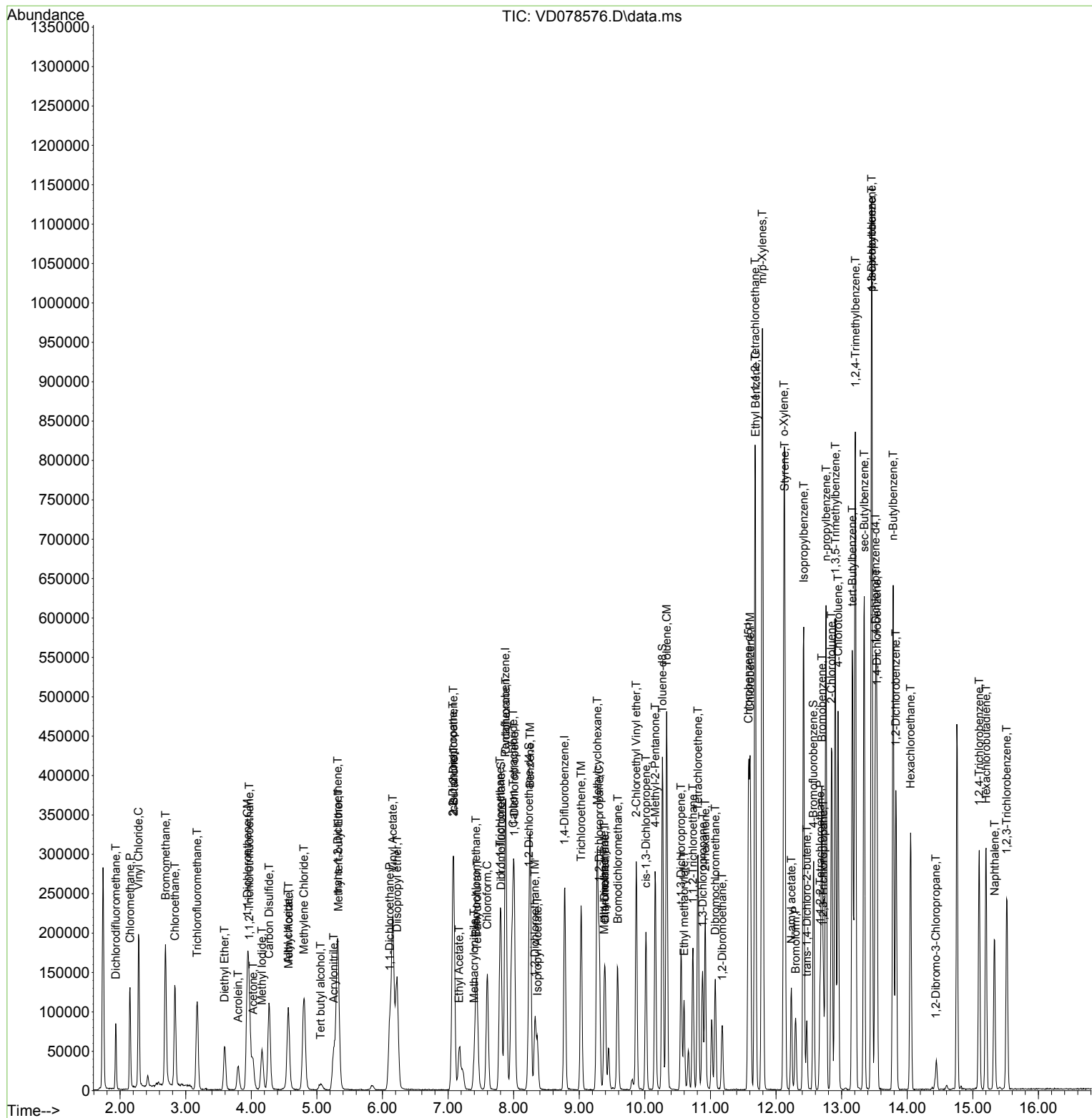
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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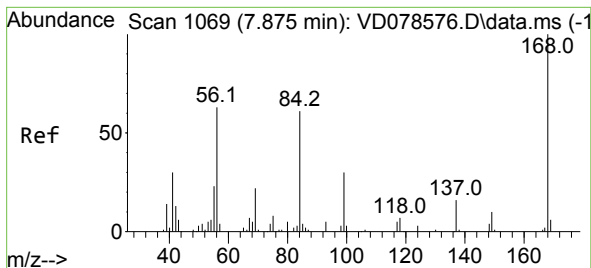
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

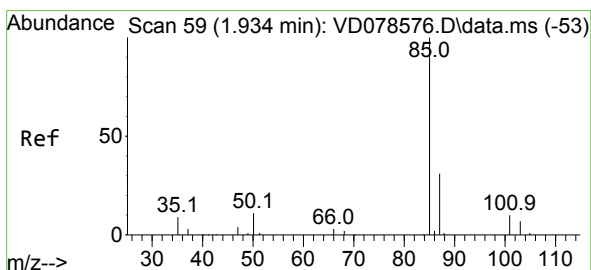
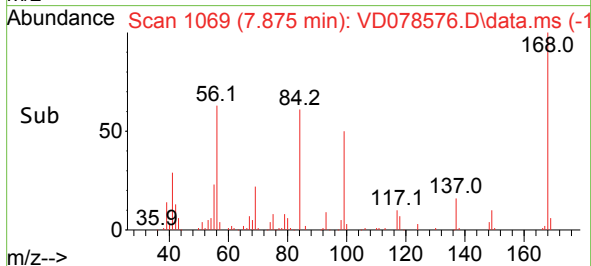
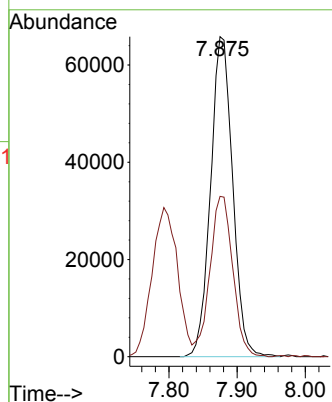
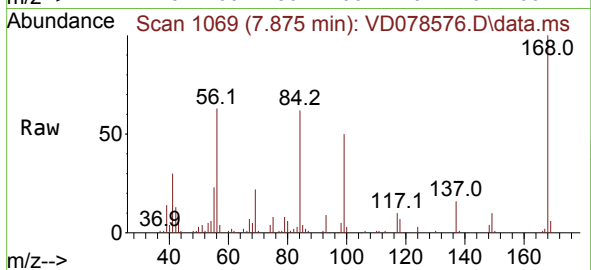
VSTDICCC050

Tgt Ion:168 Resp: 148398

Ion Ratio Lower Upper

168 100

99 49.7 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 49.564 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD078576.D

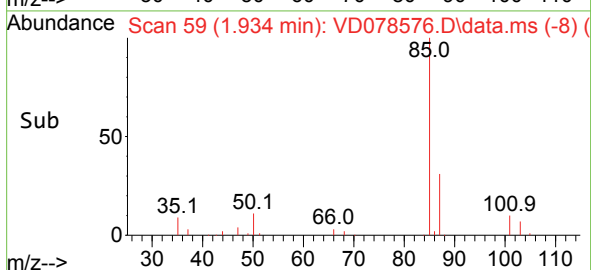
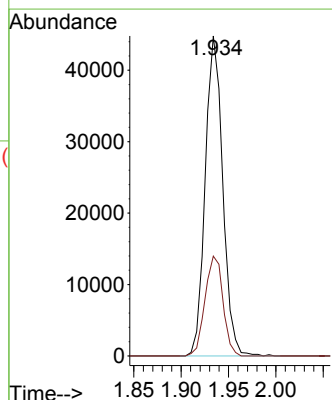
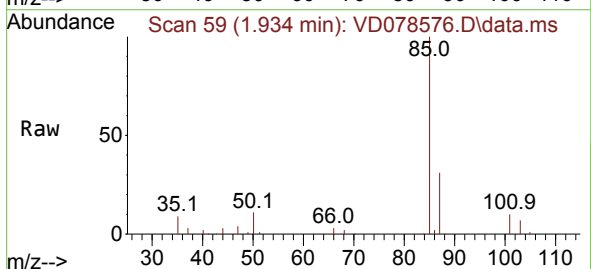
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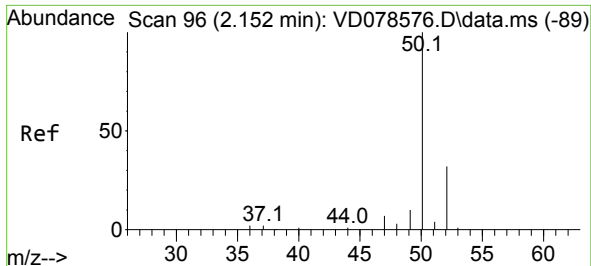
Tgt Ion: 85 Resp: 57476

Ion Ratio Lower Upper

85 100

87 31.2 15.7 47.0

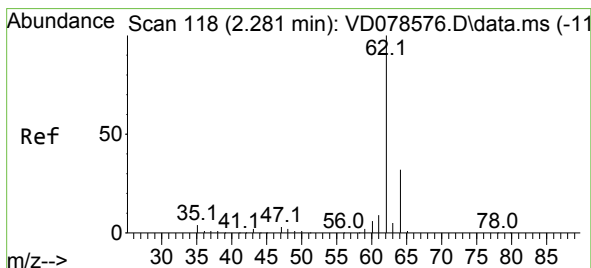
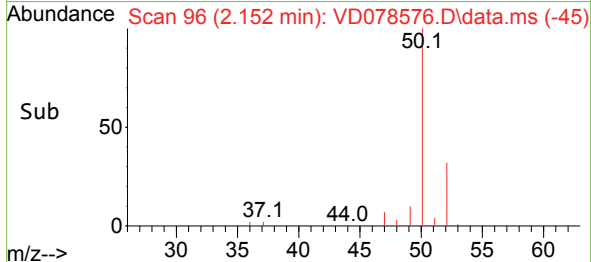
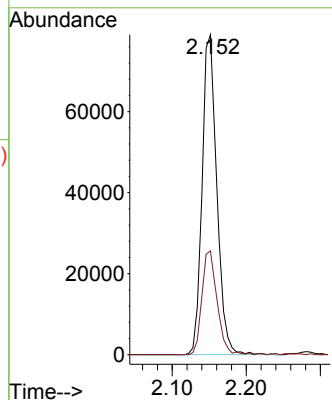
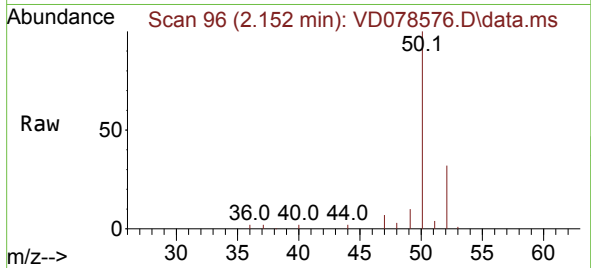




#3
Chloromethane
Concen: 52.372 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

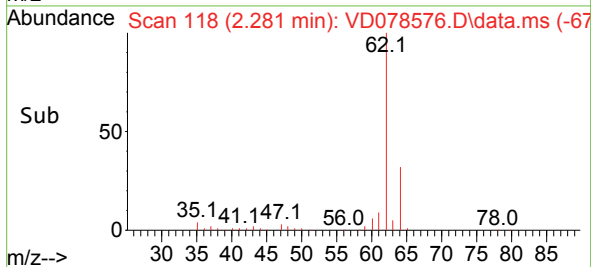
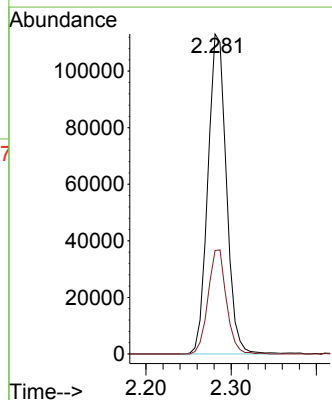
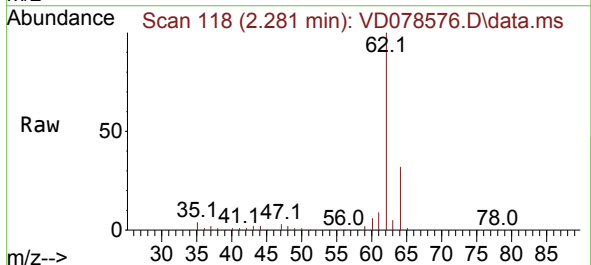
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

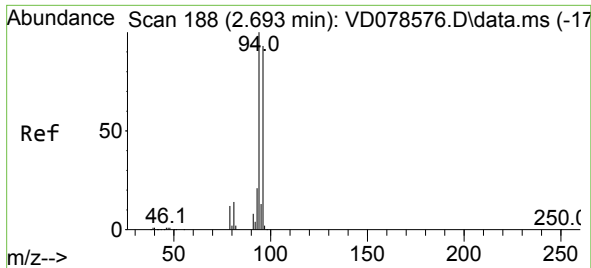
Tgt Ion: 50 Resp: 109159
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0



#4
Vinyl Chloride
Concen: 46.802 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion: 62 Resp: 170720
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0

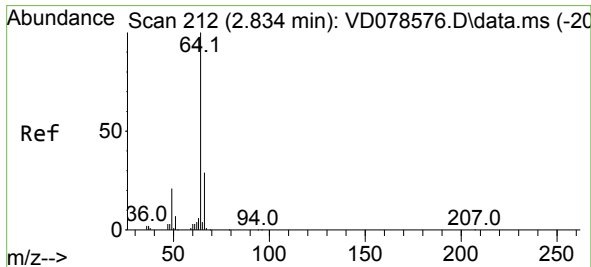
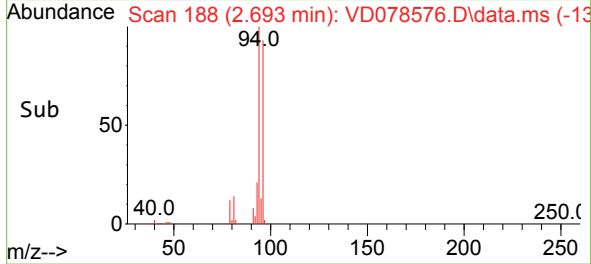
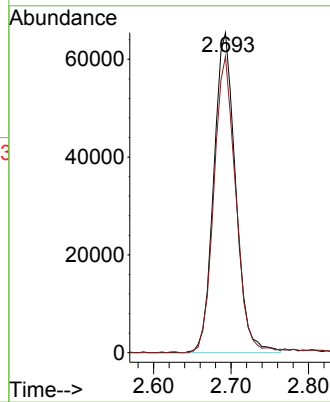
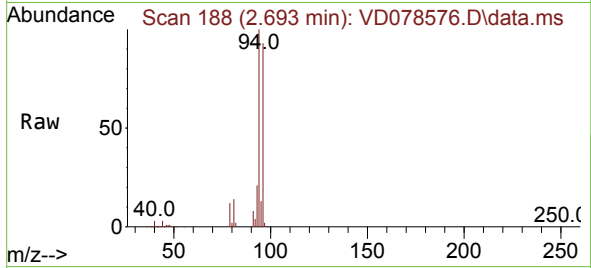




#5
Bromomethane
Concen: 43.863 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD078576.D
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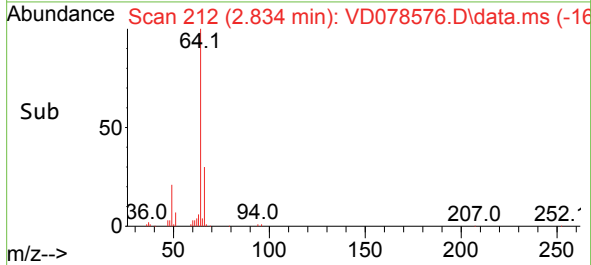
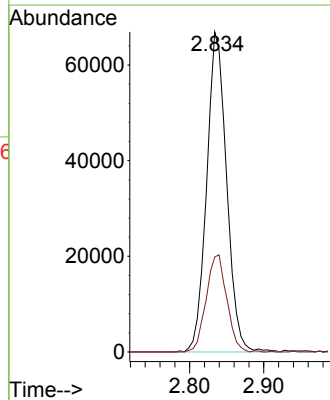
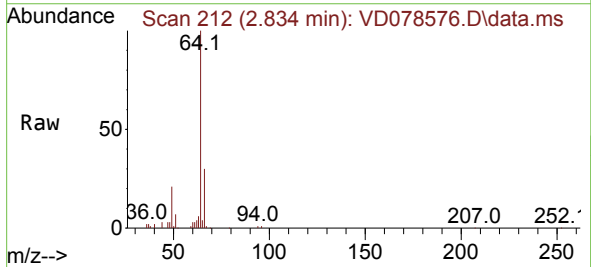
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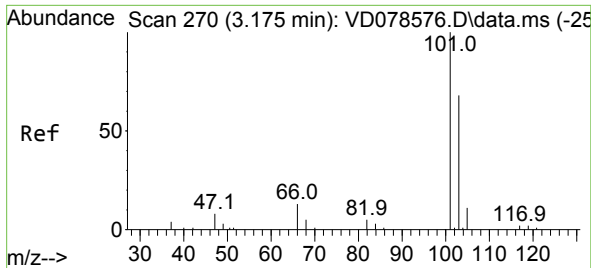
Tgt Ion: 94 Resp: 127785
Ion Ratio Lower Upper
94 100
96 93.0 75.8 113.8



#6
Chloroethane
Concen: 46.283 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion: 64 Resp: 125130
Ion Ratio Lower Upper
64 100
66 29.7 25.5 38.3

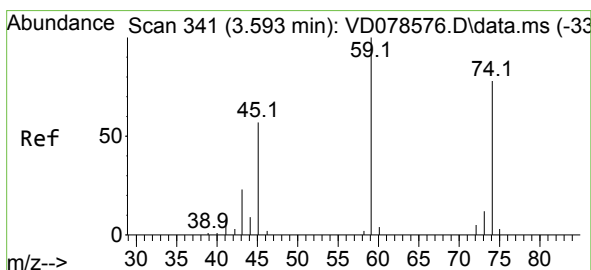
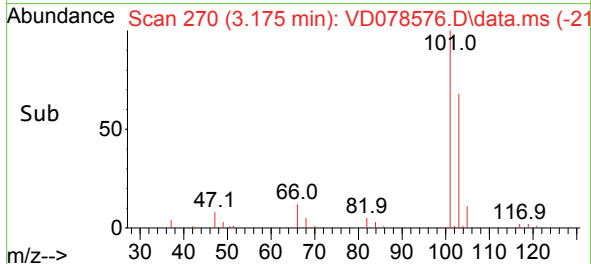
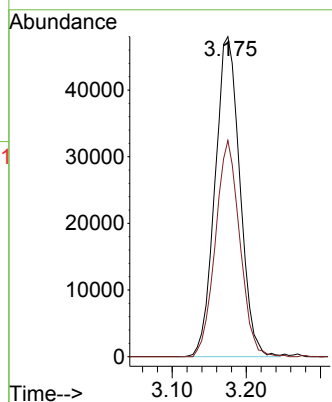
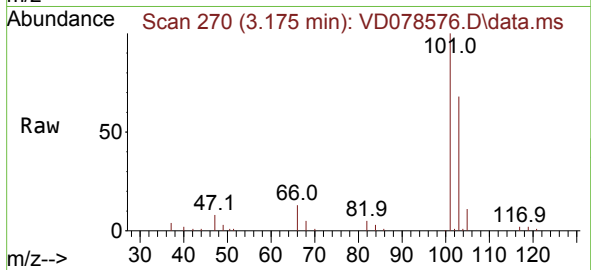




#7
 Trichlorofluoromethane
 Concen: 45.265 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078576.D
 Acq: 01 Mar 2024 13:38

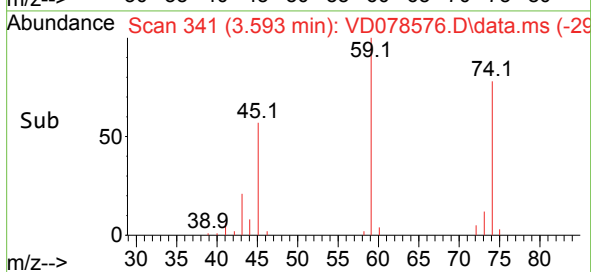
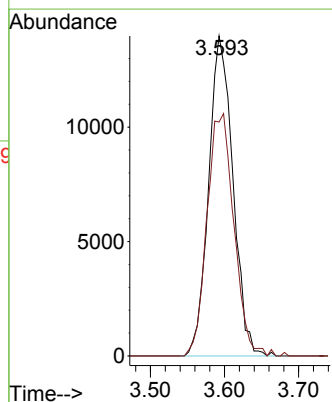
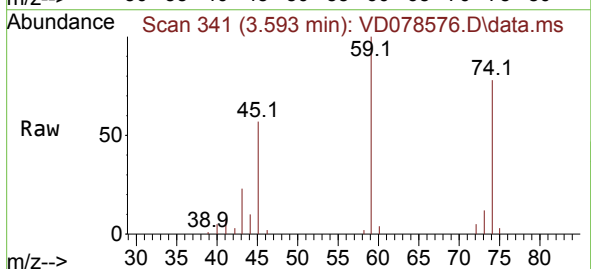
Instrument :
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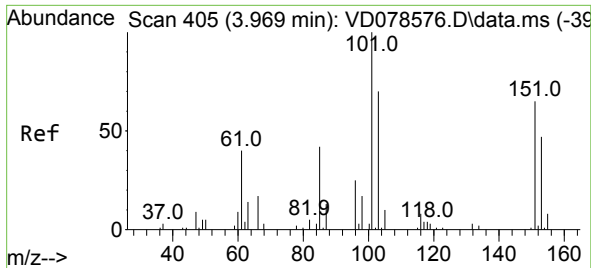
Tgt Ion:101 Resp: 111646
 Ion Ratio Lower Upper
 101 100
 103 67.6 52.3 78.5



#8
 Diethyl Ether
 Concen: 45.971 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD078576.D
 Acq: 01 Mar 2024 13:38

Tgt Ion: 74 Resp: 31839
 Ion Ratio Lower Upper
 74 100
 45 84.1 37.5 112.7

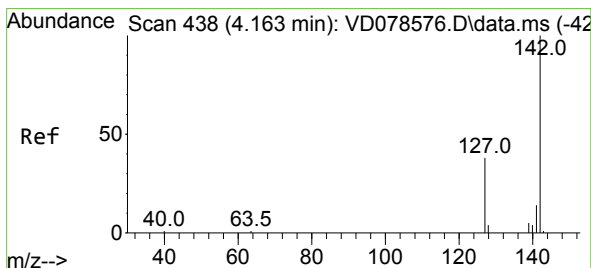
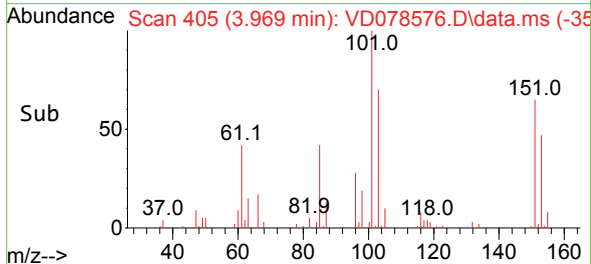
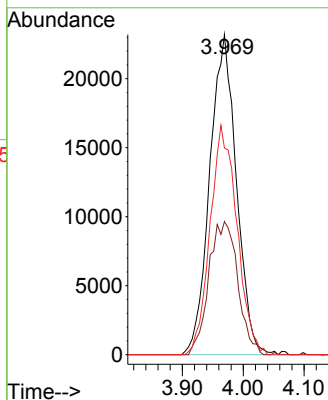
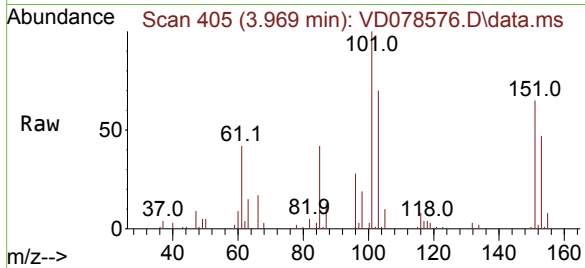




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.401 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

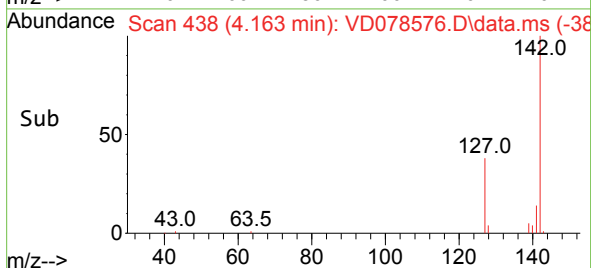
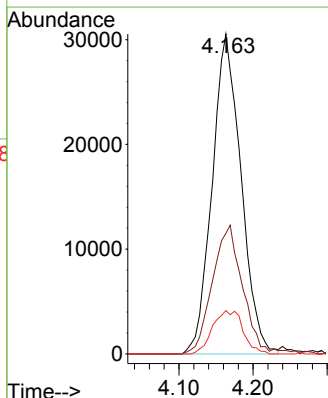
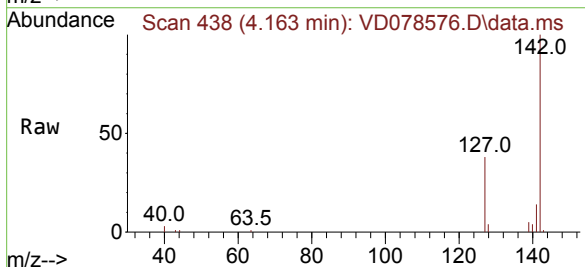
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

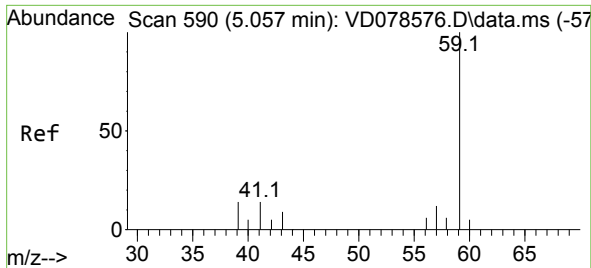
Tgt Ion:	101	Resp:	70577
Ion	Ratio	Lower	Upper
101	100		
85	45.1	33.8	50.6
151	72.3	59.8	89.6



#10
Methyl Iodide
Concen: 50.787 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion:	142	Resp:	82615
Ion	Ratio	Lower	Upper
142	100		
127	42.3	29.4	44.0
141	14.3	11.1	16.7





#11

Tert butyl alcohol

Concen: 223.786 ug/l

RT: 5.057 min Scan# 590

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

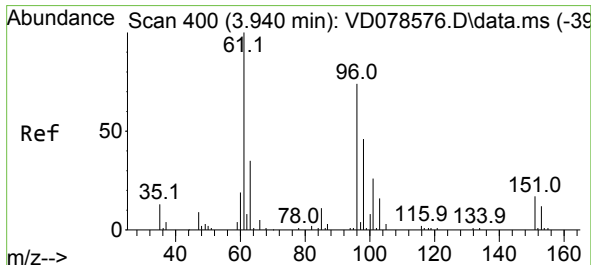
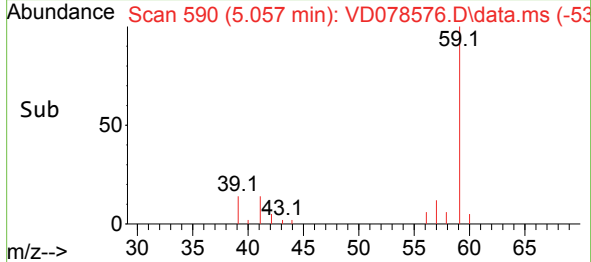
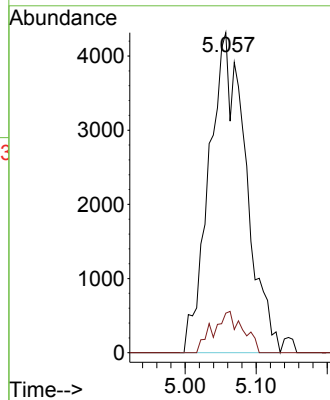
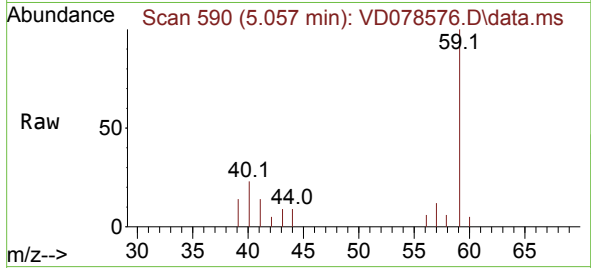
VSTDICCC050

Tgt Ion: 59 Resp: 15524

Ion Ratio Lower Upper

59 100

57 10.4 7.8 11.8



#12

1,1-Dichloroethene

Concen: 47.808 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

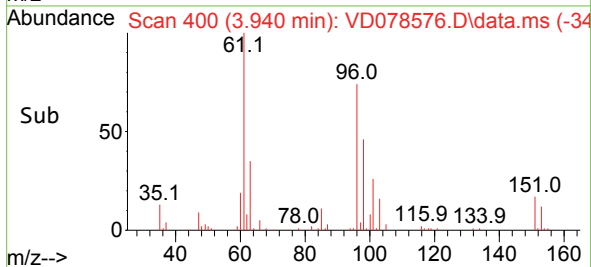
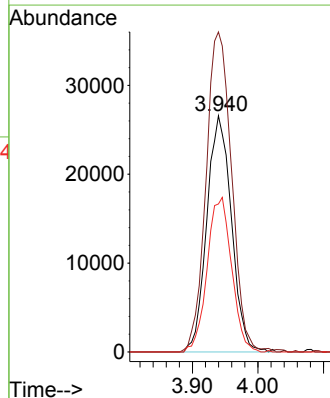
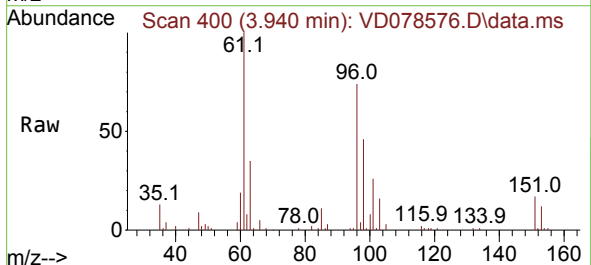
Tgt Ion: 96 Resp: 69380

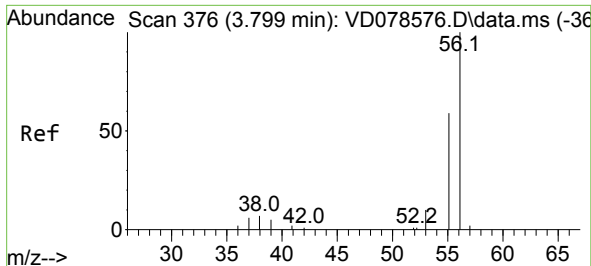
Ion Ratio Lower Upper

96 100

61 135.5 100.6 150.8

98 62.7 50.2 75.2





#13

Acrolein

Concen: 253.493 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

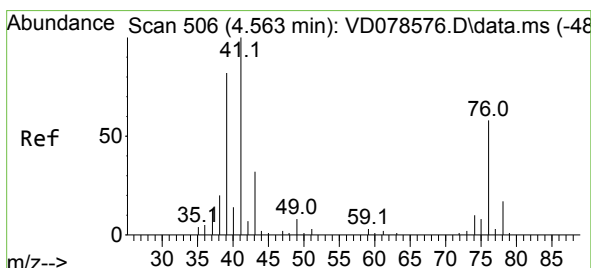
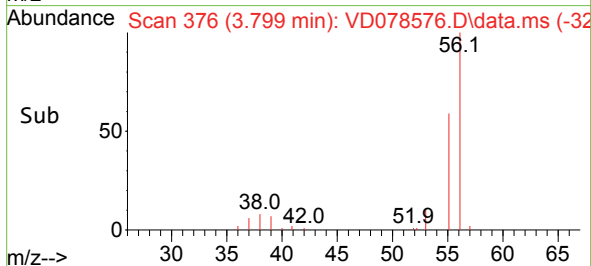
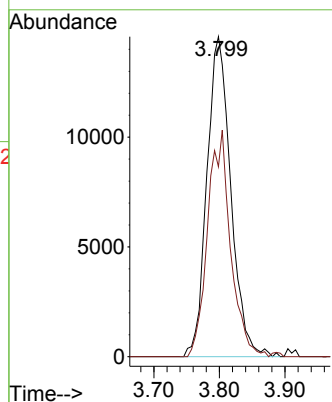
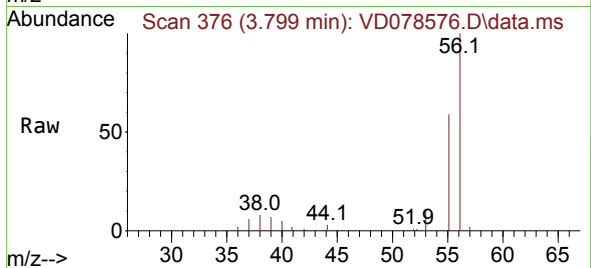
VSTDICCC050

Tgt Ion: 56 Resp: 36982

Ion Ratio Lower Upper

56 100

55 67.8 55.1 82.7



#14

Allyl chloride

Concen: 47.798 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

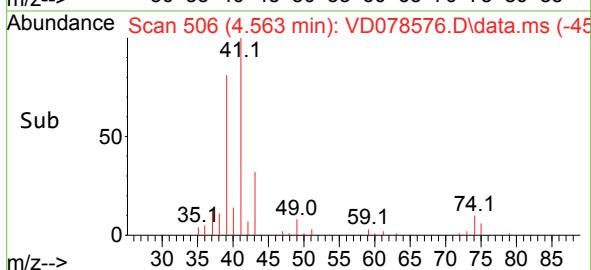
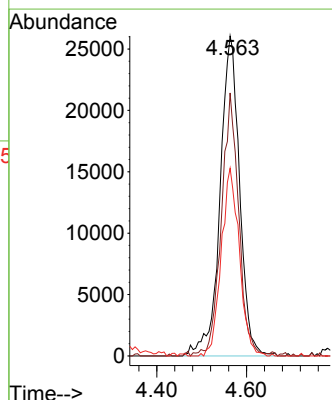
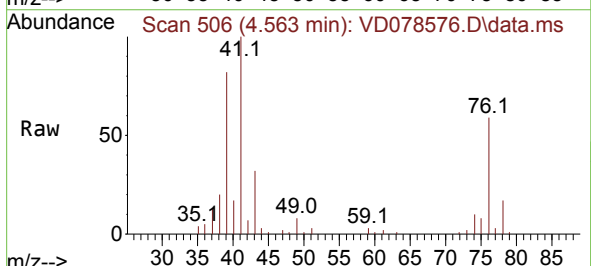
Tgt Ion: 41 Resp: 79006

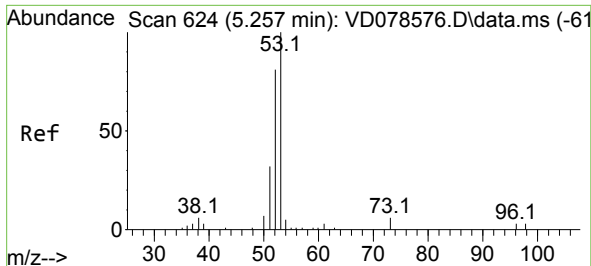
Ion Ratio Lower Upper

41 100

39 73.1 53.8 80.6

76 54.2 45.8 68.8

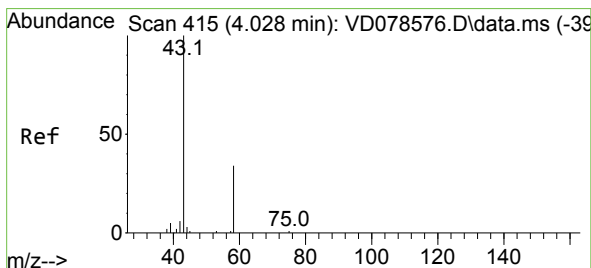
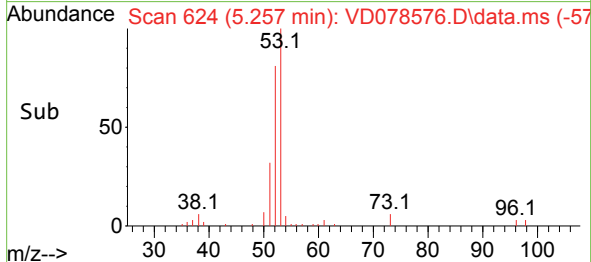
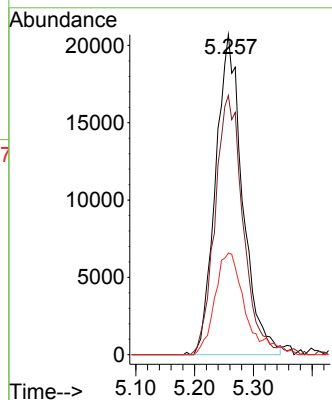
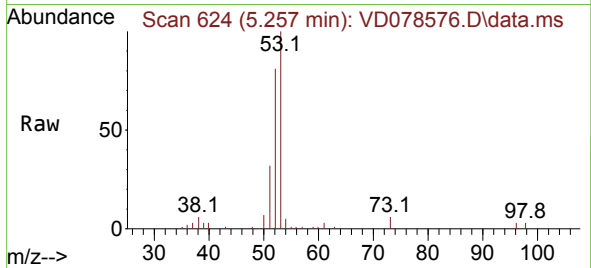




#15
Acrylonitrile
Concen: 230.653 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

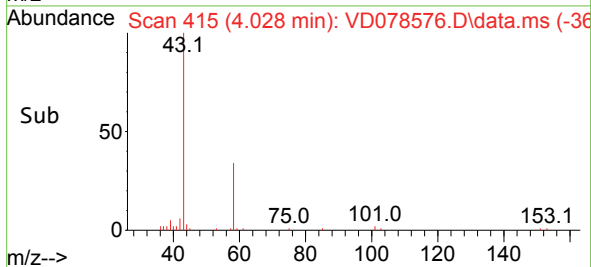
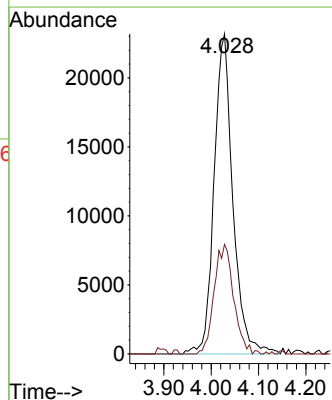
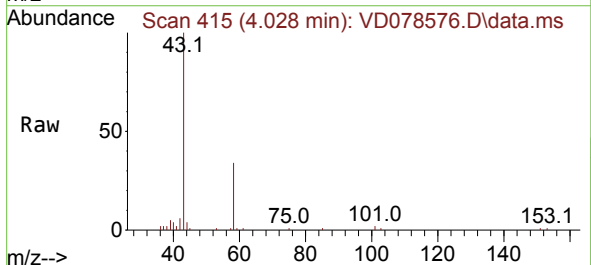
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

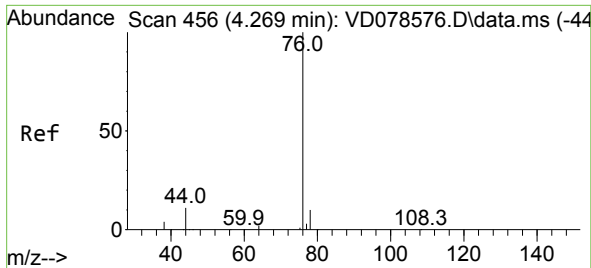
Tgt Ion:	53	Resp:	65860
Ion	Ratio	Lower	Upper
53	100		
52	84.5	65.0	97.4
51	36.0	28.3	42.5



#16
Acetone
Concen: 226.656 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion:	43	Resp:	63878
Ion	Ratio	Lower	Upper
43	100		
58	34.2	34.7	52.1#

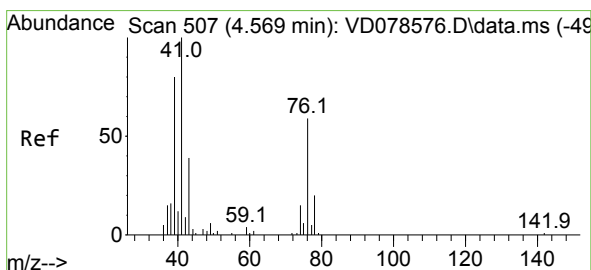
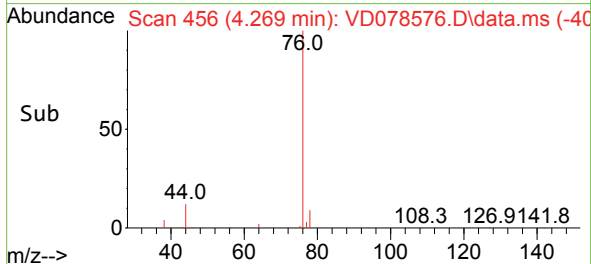
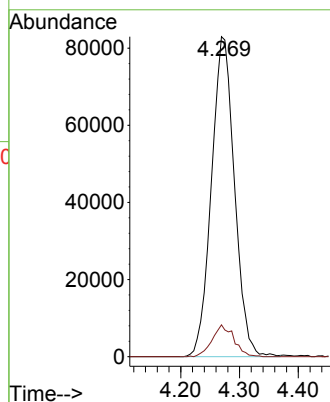
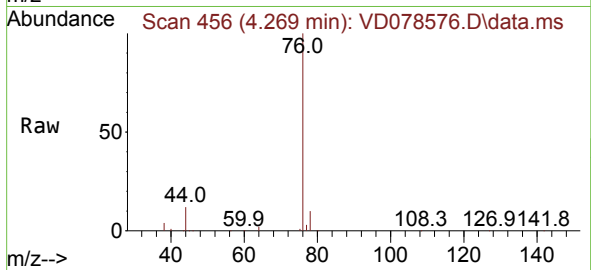




#17
Carbon Disulfide
Concen: 46.741 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

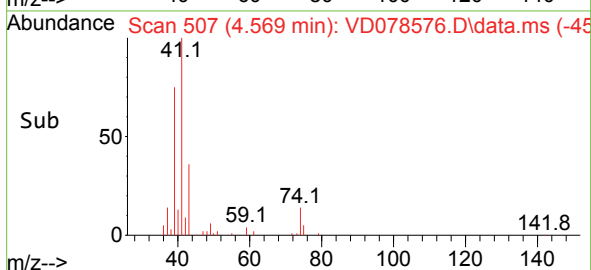
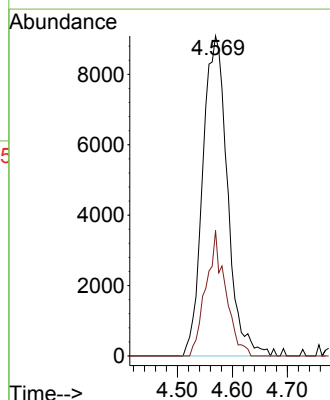
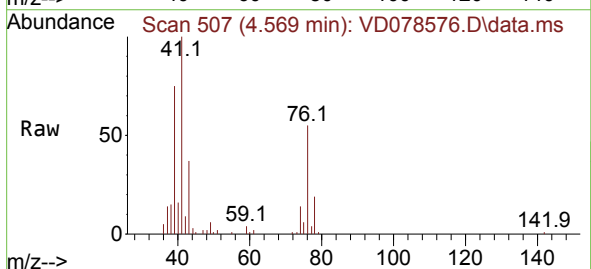
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

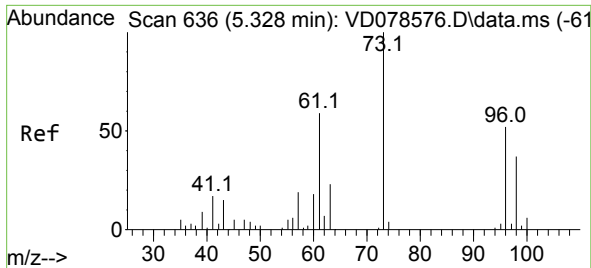
Tgt Ion: 76 Resp: 225992
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2



#18
Methyl Acetate
Concen: 53.391 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion: 43 Resp: 28481
Ion Ratio Lower Upper
43 100
74 31.0 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 47.535 ug/l

RT: 5.328 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

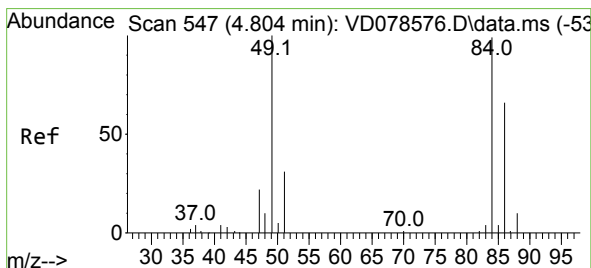
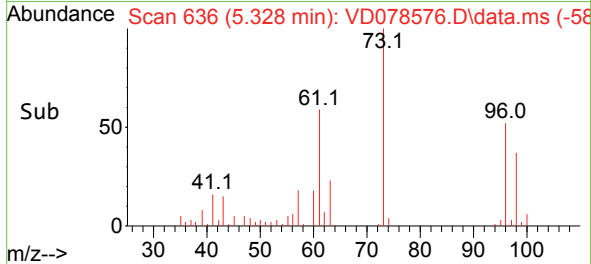
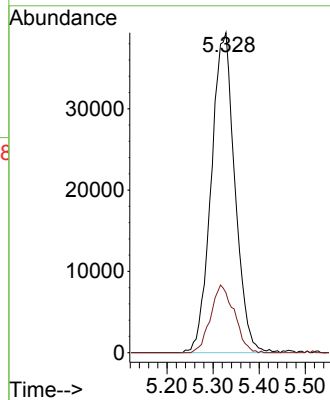
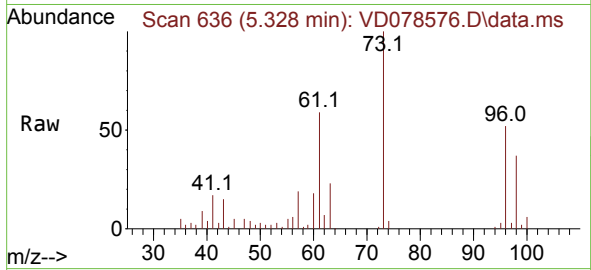
VSTDICCC050

Tgt Ion: 73 Resp: 140261

Ion Ratio Lower Upper

73 100

57 18.7 16.6 25.0



#20

Methylene Chloride

Concen: 51.224 ug/l

RT: 4.804 min Scan# 547

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Tgt Ion: 84 Resp: 98307

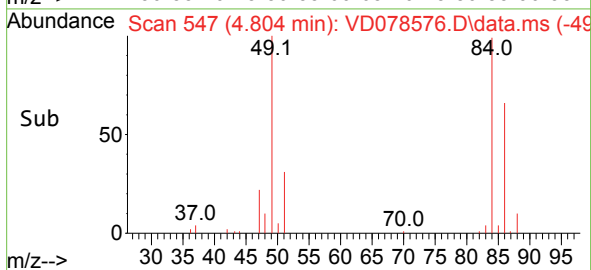
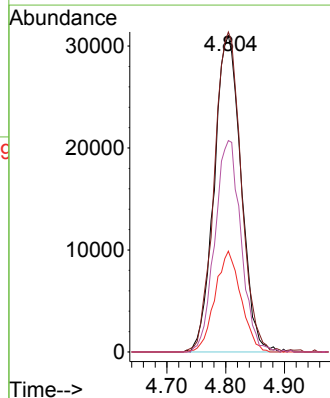
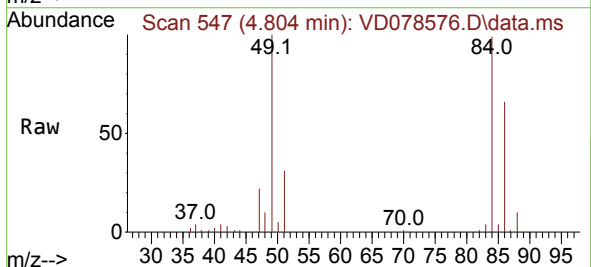
Ion Ratio Lower Upper

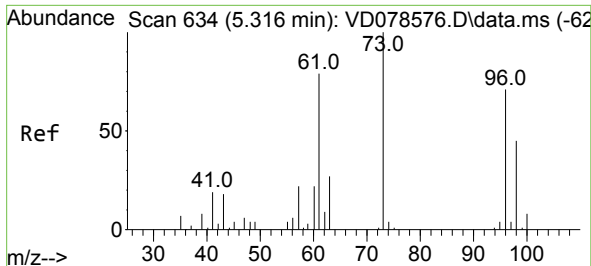
84 100

49 101.2 71.4 107.2

51 31.9 24.5 36.7

86 66.9 48.7 73.1

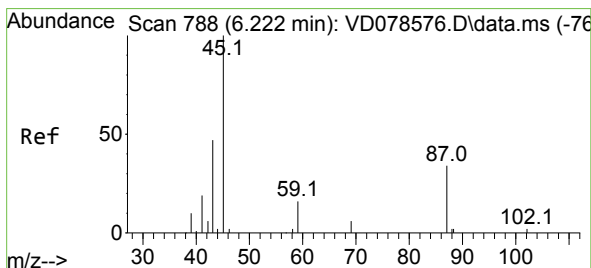
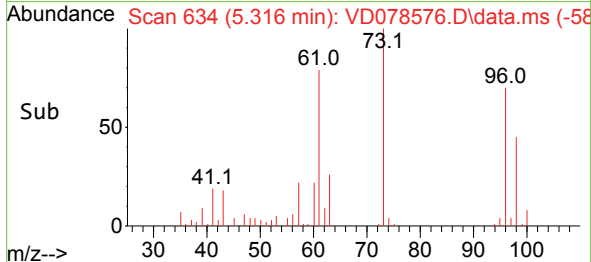
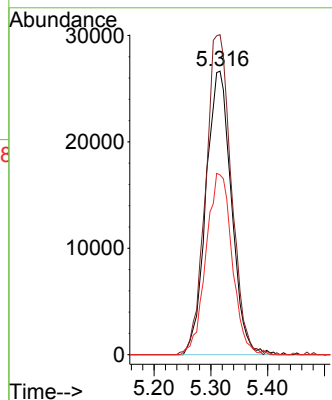
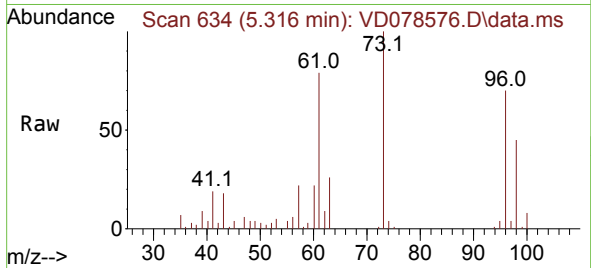




#21
trans-1,2-Dichloroethene
Concen: 47.533 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

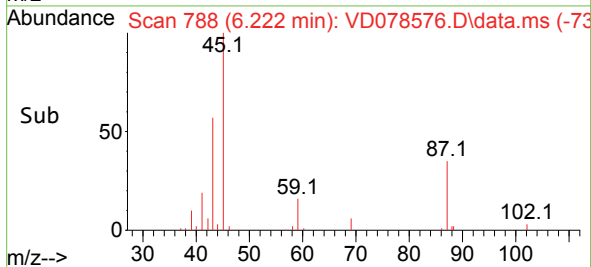
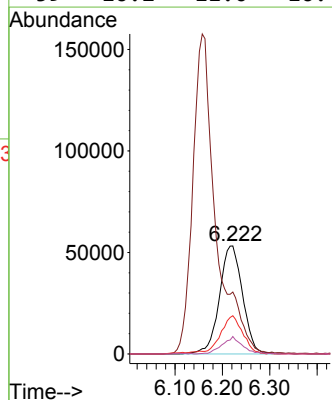
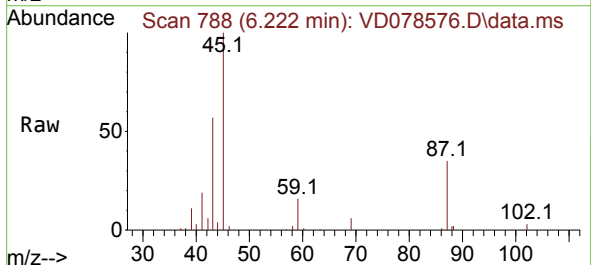
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

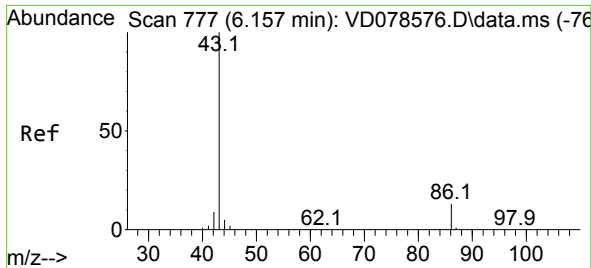
Tgt Ion: 96 Resp: 82883
Ion Ratio Lower Upper
96 100
61 112.9 89.3 133.9
98 63.5 48.6 73.0



#22
Diisopropyl ether
Concen: 48.805 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion: 45 Resp: 180868
Ion Ratio Lower Upper
45 100
43 56.2 40.0 60.0
87 35.4 28.2 42.4
59 16.2 11.0 16.4

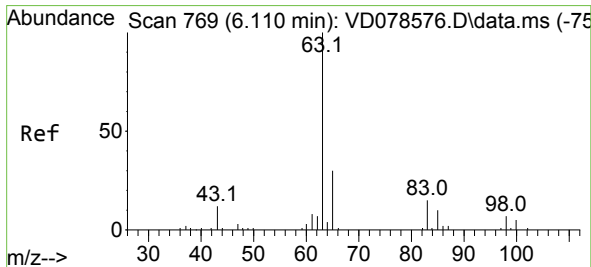
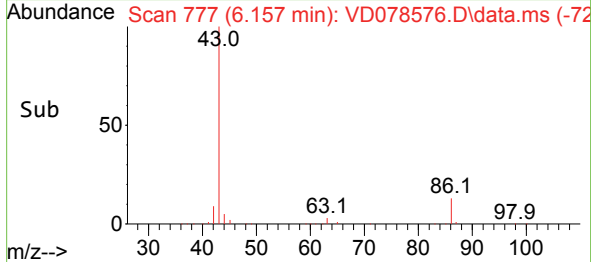
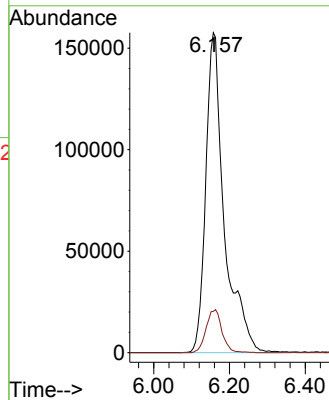
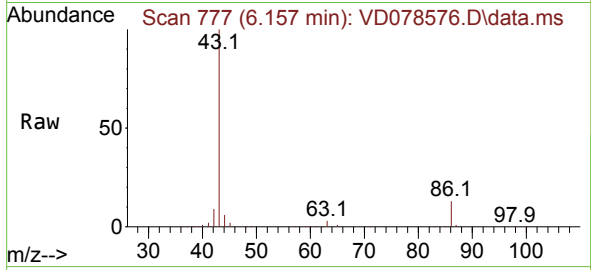




#23
 Vinyl Acetate
 Concen: 242.578 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078576.D
 Acq: 01 Mar 2024 13:38

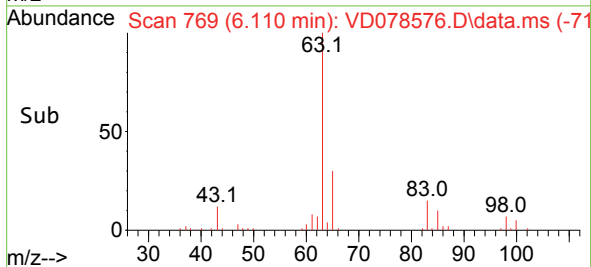
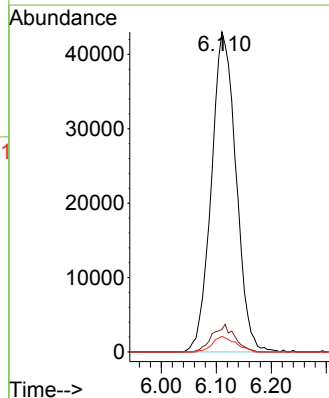
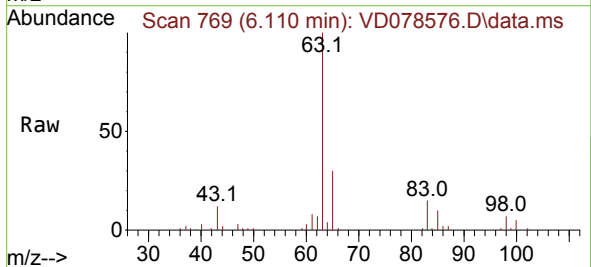
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

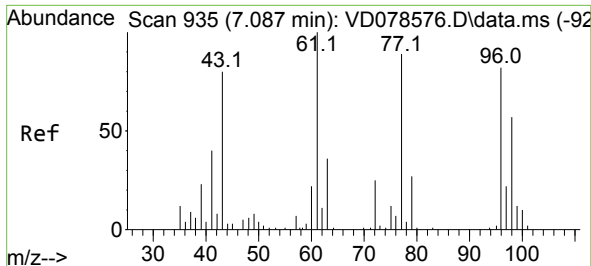
Tgt Ion: 43 Resp: 533915
 Ion Ratio Lower Upper
 43 100
 86 12.9 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 47.879 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD078576.D
 Acq: 01 Mar 2024 13:38

Tgt Ion: 63 Resp: 134048
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 4.9 2.5 7.5

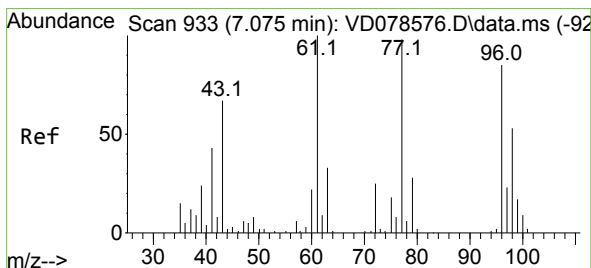
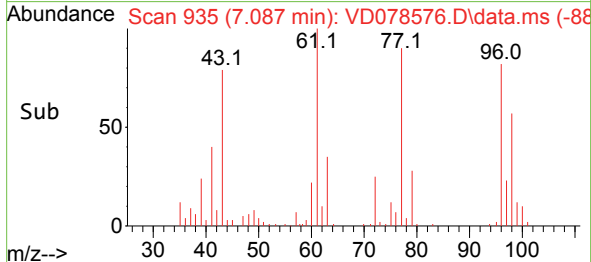
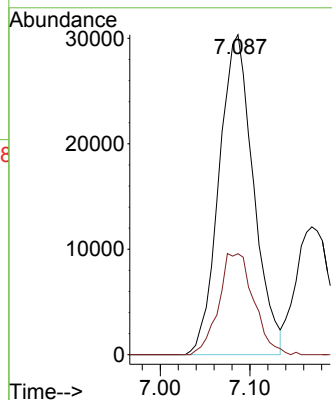
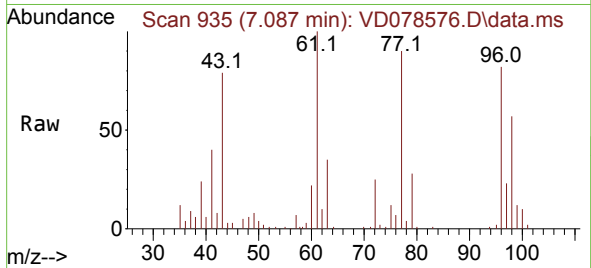




#25
2-Butanone
Concen: 227.509 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

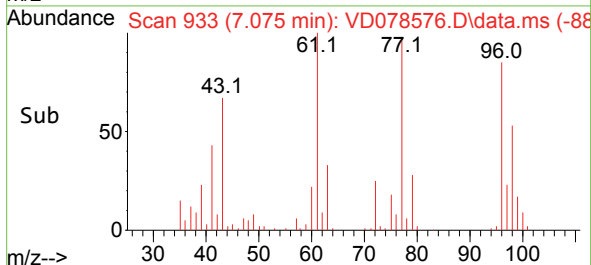
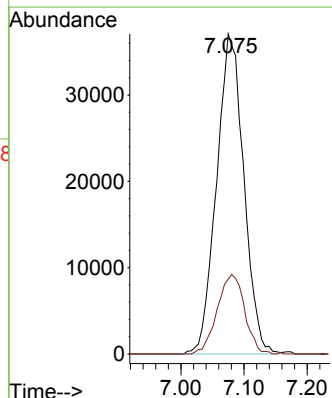
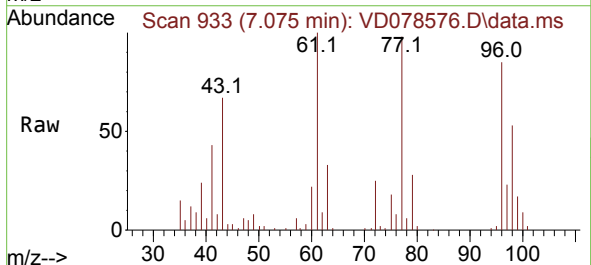
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

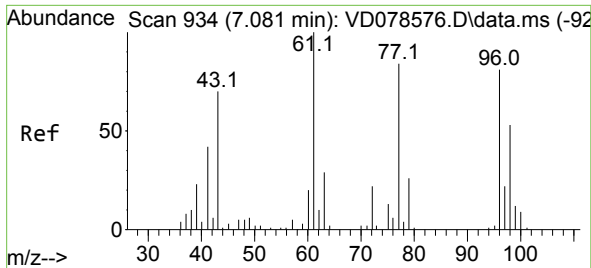
Tgt Ion: 43 Resp: 80880
Ion Ratio Lower Upper
43 100
72 31.5 30.7 46.1



#26
2,2-Dichloropropane
Concen: 46.898 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion: 77 Resp: 110925
Ion Ratio Lower Upper
77 100
97 25.0 13.2 39.6

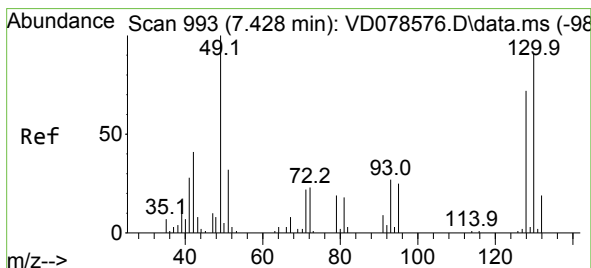
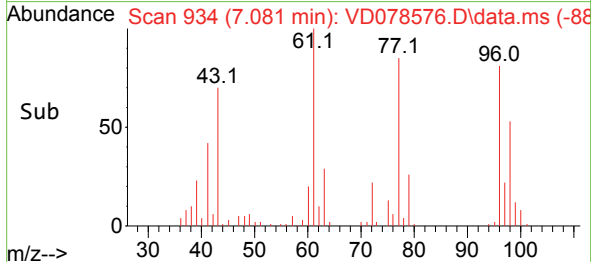
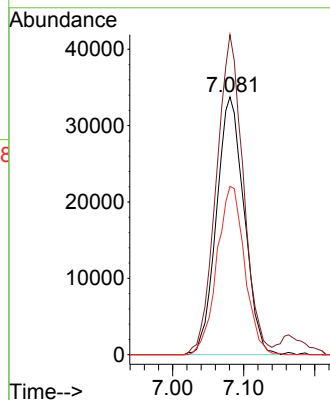
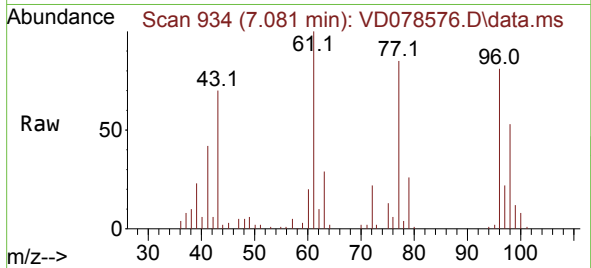




#27
 cis-1,2-Dichloroethene
 Concen: 47.659 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078576.D
 Acq: 01 Mar 2024 13:38

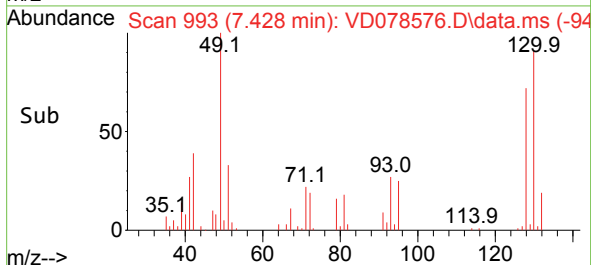
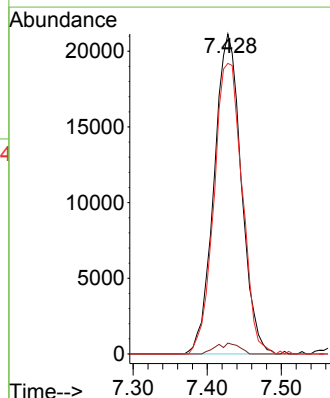
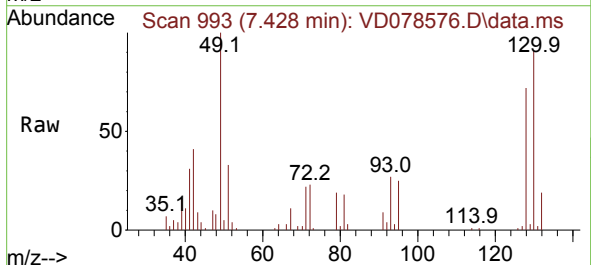
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

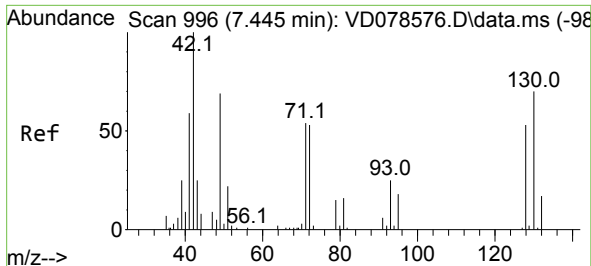
Tgt Ion: 96	Resp: 90995
Ion Ratio	Lower Upper
96 100	
61 121.8	0.0 239.2
98 65.8	0.0 128.6



#28
 Bromochloromethane
 Concen: 51.478 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078576.D
 Acq: 01 Mar 2024 13:38

Tgt Ion: 49	Resp: 53843
Ion Ratio	Lower Upper
49 100	
129 2.9	0.0 6.0
130 94.3	83.2 124.8





#29

Tetrahydrofuran

Concen: 237.513 ug/l

RT: 7.445 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

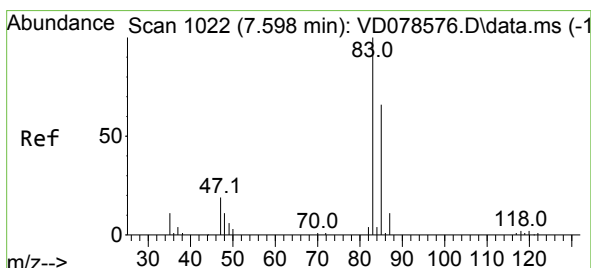
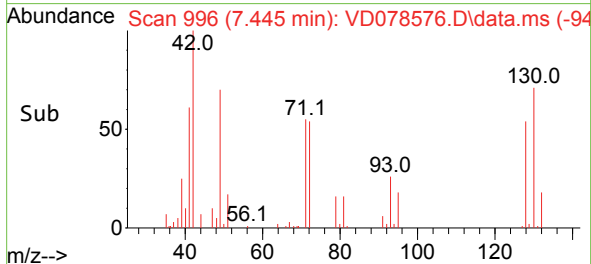
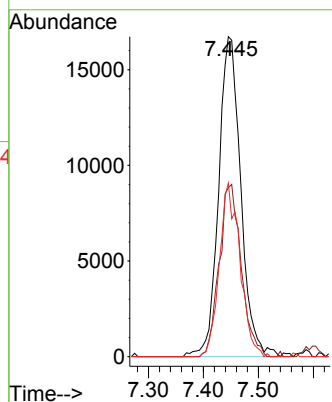
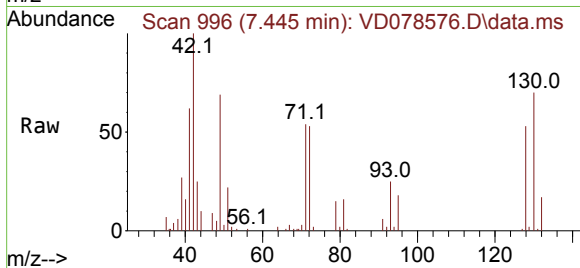
Tgt Ion: 42 Resp: 46910

Ion Ratio Lower Upper

42 100

72 53.3 46.5 69.7

71 50.4 44.5 66.7



#30

Chloroform

Concen: 46.999 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078576.D

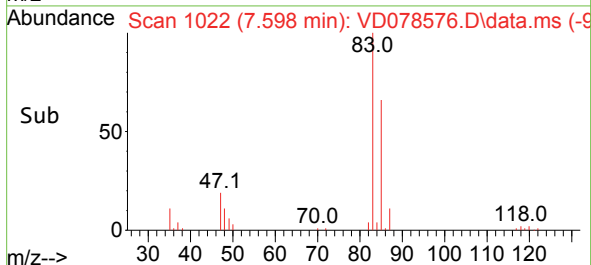
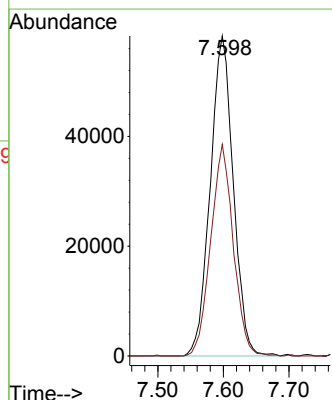
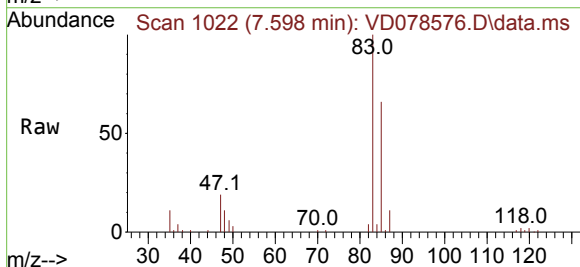
Acq: 01 Mar 2024 13:38

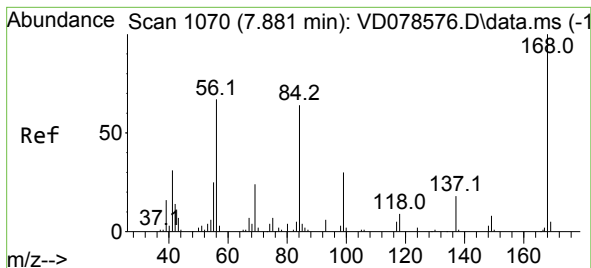
Tgt Ion: 83 Resp: 142078

Ion Ratio Lower Upper

83 100

85 66.1 53.4 80.2





#31

Cyclohexane

Concen: 46.172 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

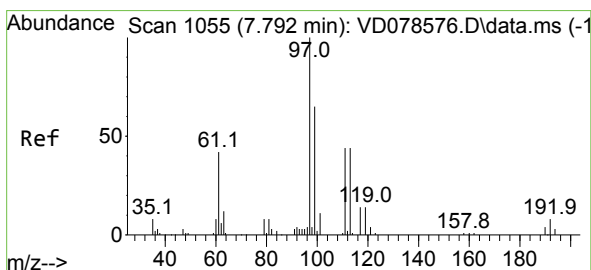
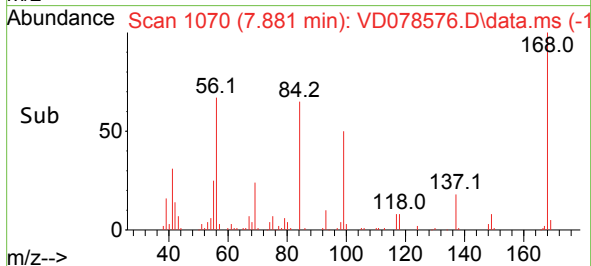
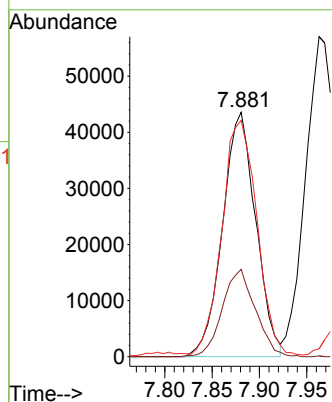
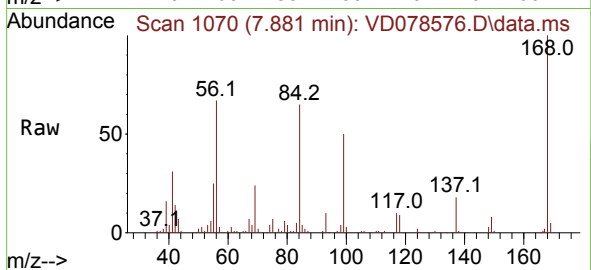
Tgt Ion: 56 Resp: 106310

Ion Ratio Lower Upper

56 100

69 35.7 28.6 43.0

84 95.4 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 47.152 ug/l

RT: 7.792 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

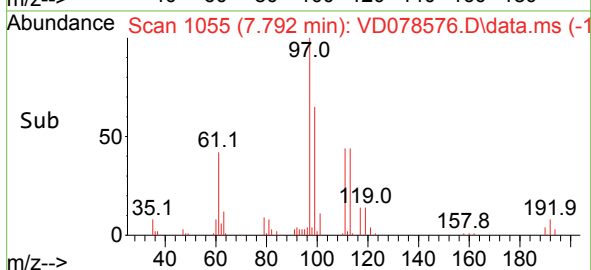
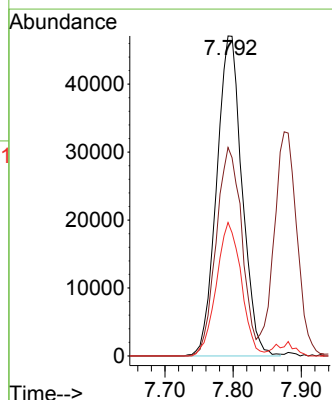
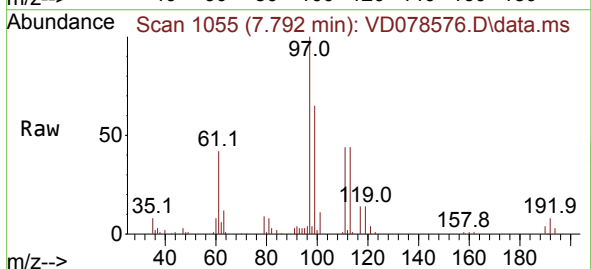
Tgt Ion: 97 Resp: 122278

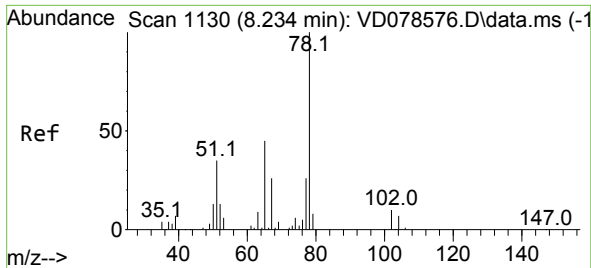
Ion Ratio Lower Upper

97 100

99 65.5 52.0 78.0

61 40.9 33.8 50.8

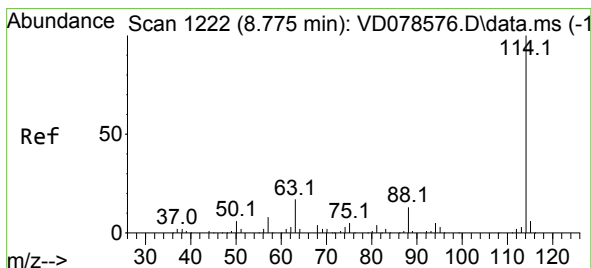
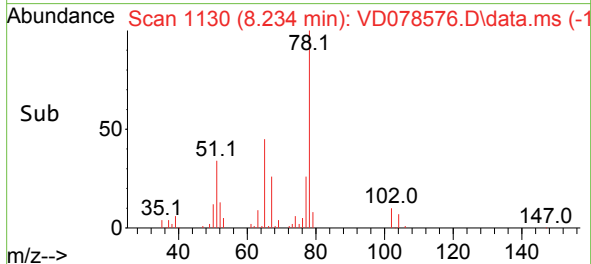
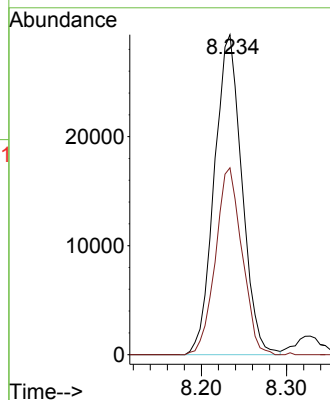
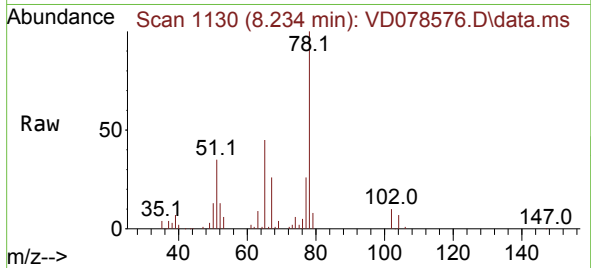




#33
1,2-Dichloroethane-d4
Concen: 44.895 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

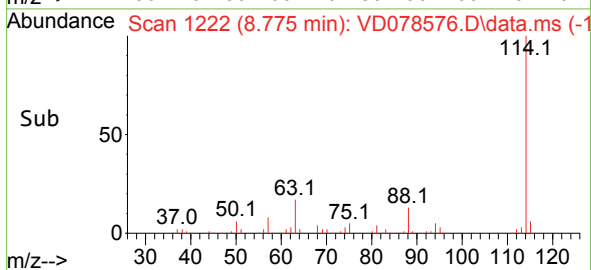
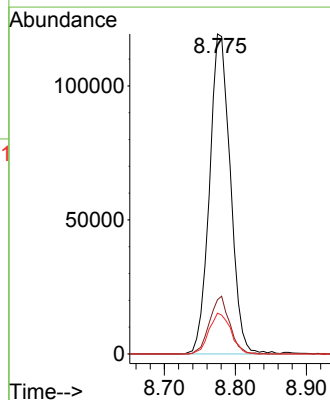
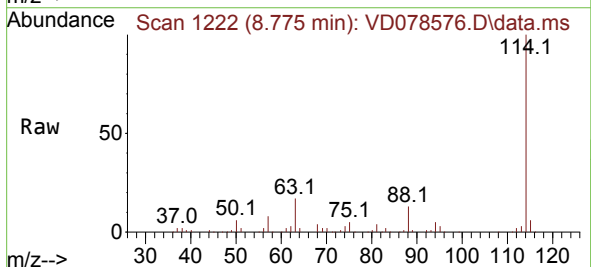
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

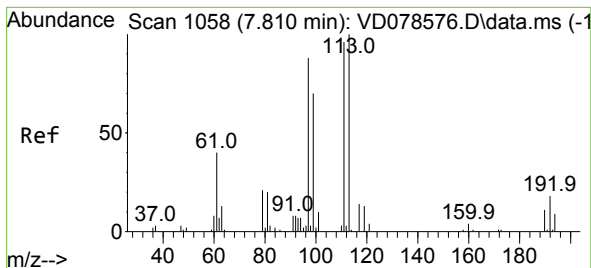
Tgt Ion: 65 Resp: 66043
Ion Ratio Lower Upper
65 100
67 56.2 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion: 114 Resp: 243151
Ion Ratio Lower Upper
114 100
63 16.9 0.0 33.4
88 12.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 47.523 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

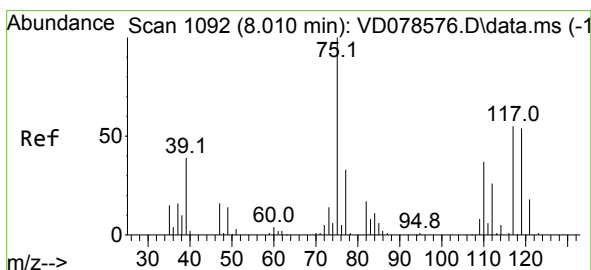
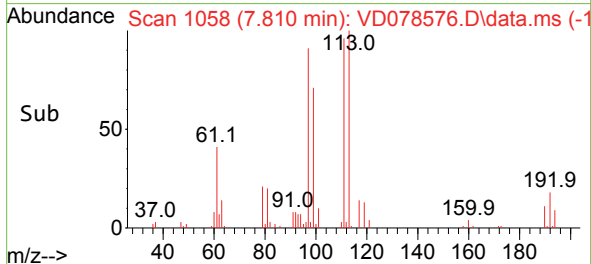
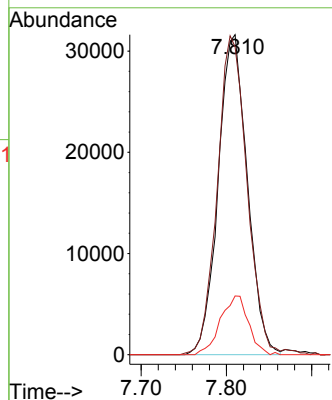
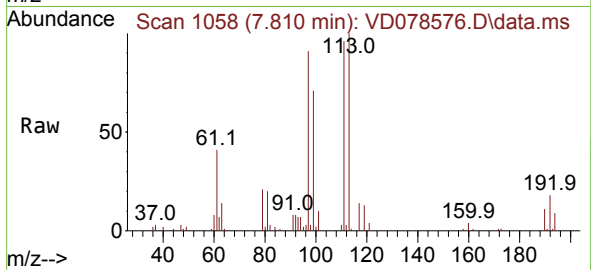
Tgt Ion:113 Resp: 75167

Ion Ratio Lower Upper

113 100

111 102.1 84.7 127.1

192 17.7 16.8 25.2



#36

1,1-Dichloropropene

Concen: 49.527 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

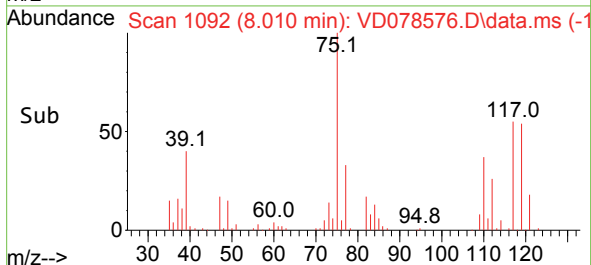
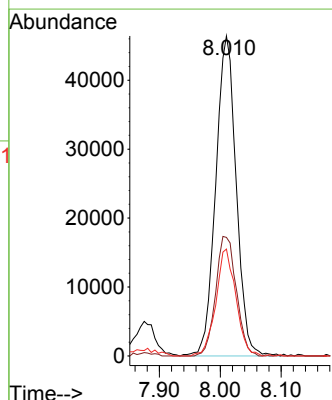
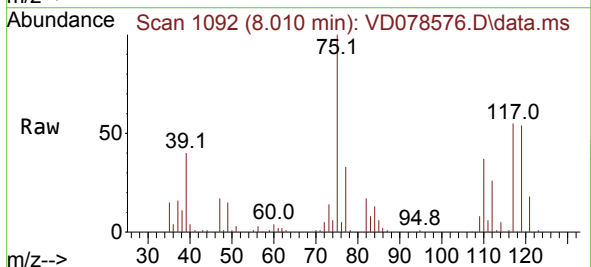
Tgt Ion: 75 Resp: 108401

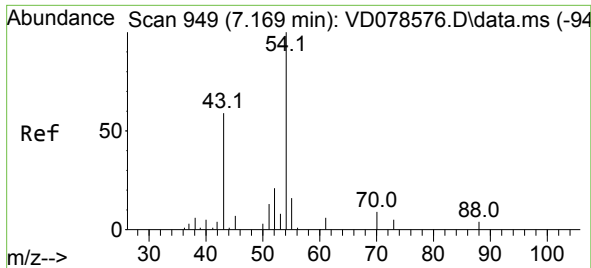
Ion Ratio Lower Upper

75 100

110 37.6 19.9 59.6

77 32.7 24.7 37.1

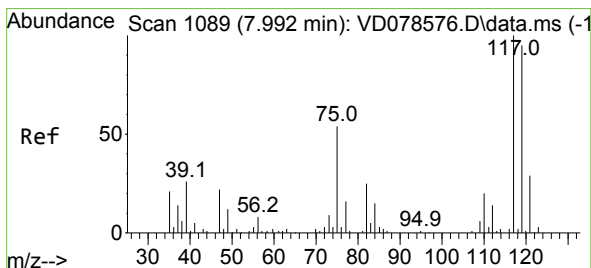
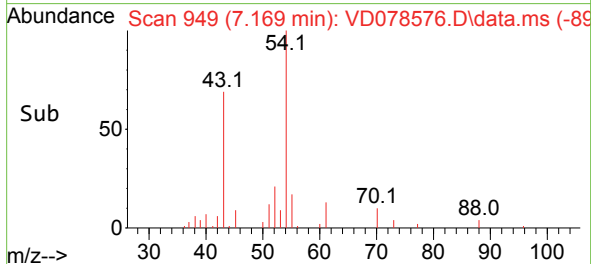
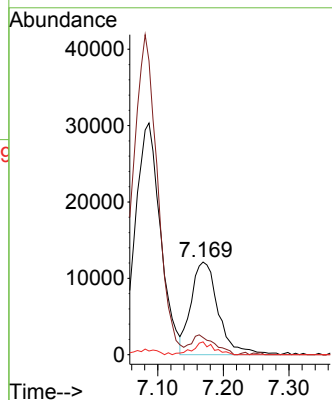
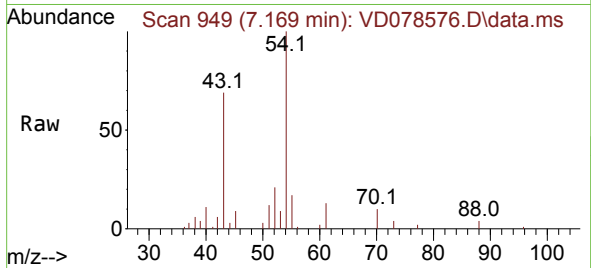




#37
Ethyl Acetate
Concen: 49.459 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

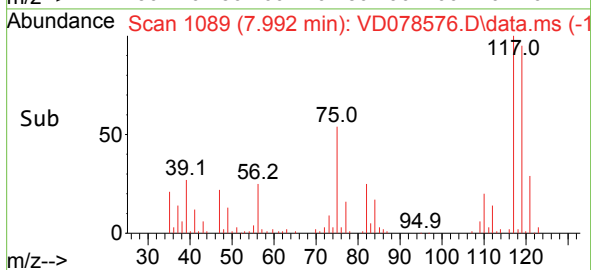
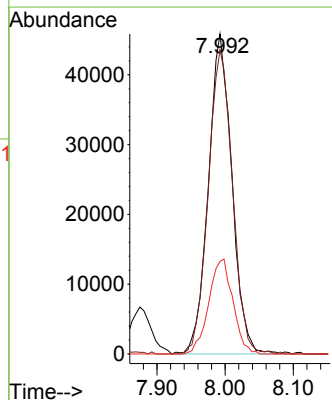
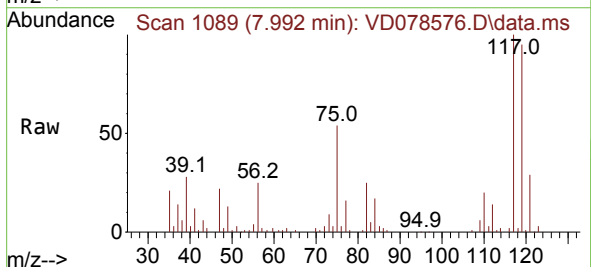
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

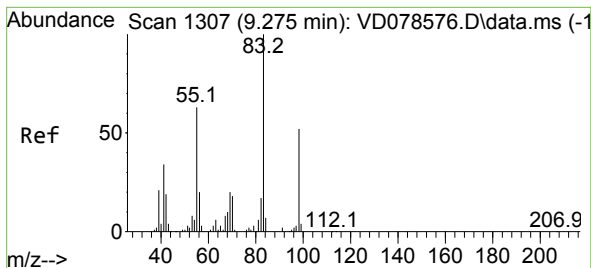
Tgt Ion: 43	Resp:	35075
Ion Ratio	Lower	Upper
43	100	
61	18.3	14.9 22.3
70	10.4	10.0 15.0



#38
Carbon Tetrachloride
Concen: 48.082 ug/l
RT: 7.992 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion: 117	Resp:	110070
Ion Ratio	Lower	Upper
117	100	
119	95.0	78.0 117.0
121	28.9	24.2 36.2





#39

Methylcyclohexane

Concen: 52.397 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

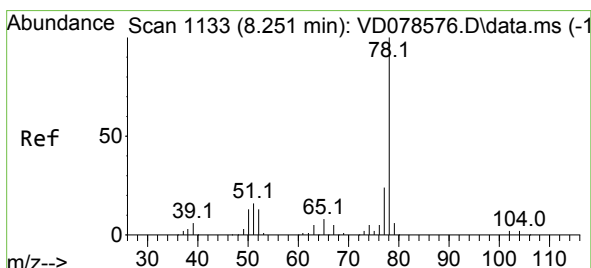
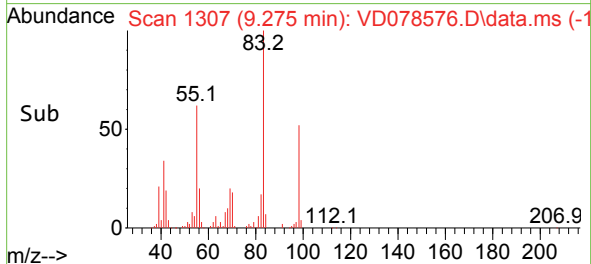
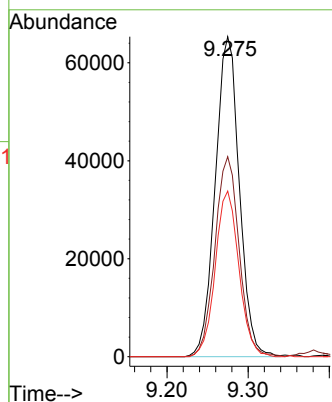
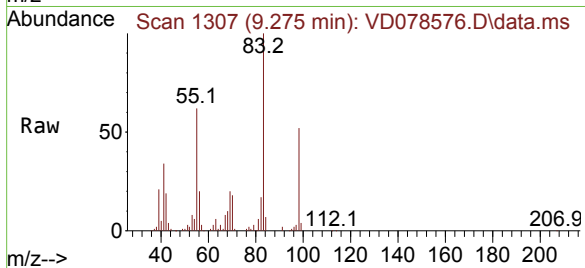
Tgt Ion: 83 Resp: 134602

Ion Ratio Lower Upper

83 100

55 62.5 49.4 74.0

98 51.7 38.4 57.6



#40

Benzene

Concen: 49.449 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078576.D

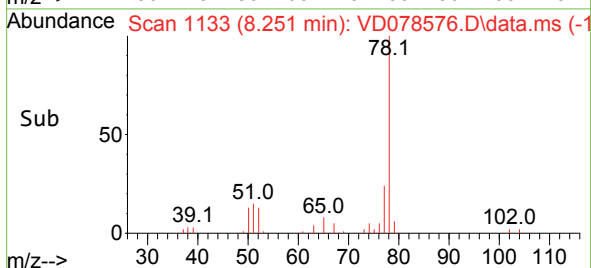
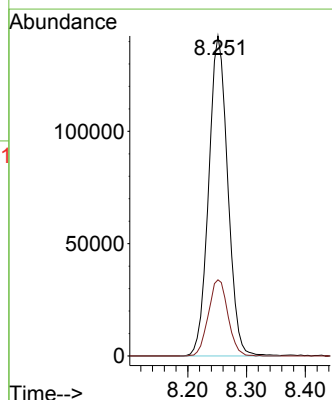
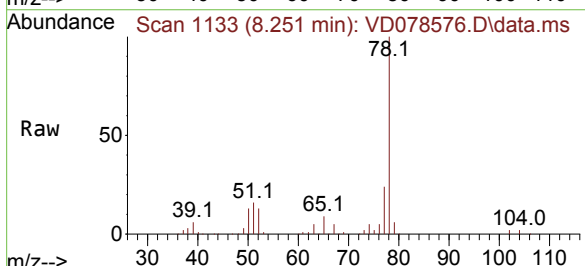
Acq: 01 Mar 2024 13:38

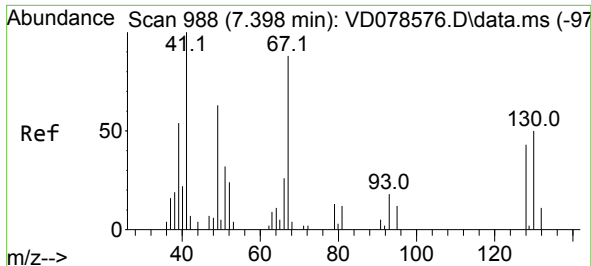
Tgt Ion: 78 Resp: 320801

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0

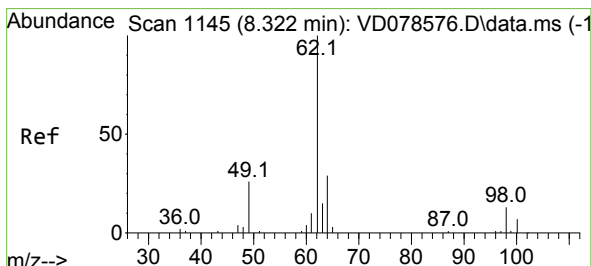
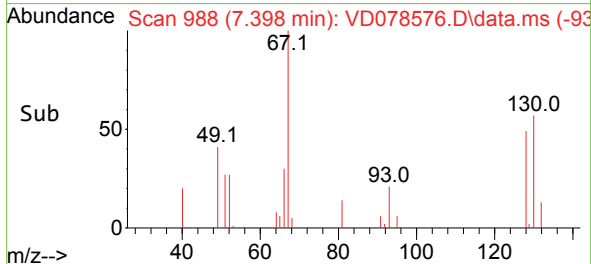
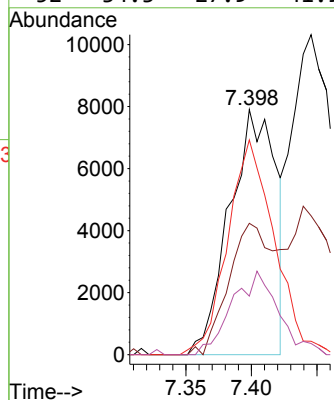
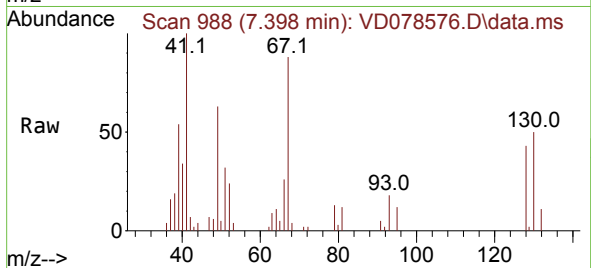




#41
Methacrylonitrile
Concen: 51.041 ug/l
RT: 7.398 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

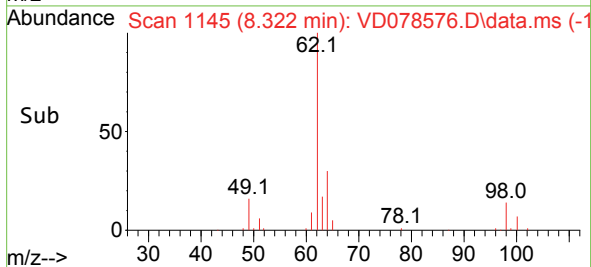
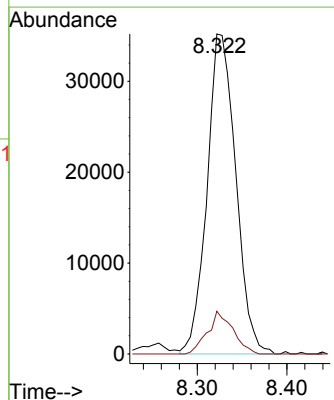
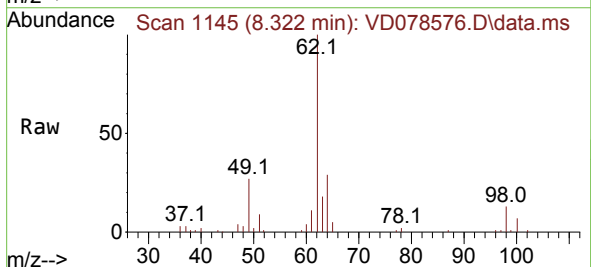
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

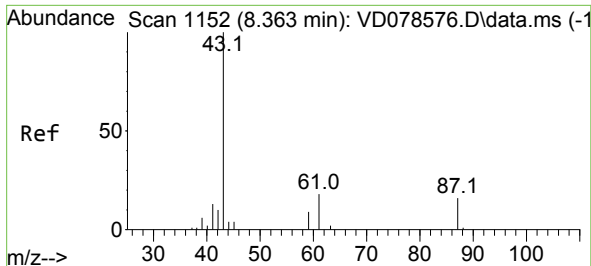
Tgt Ion:	41	Resp:	19401
Ion	Ratio	Lower	Upper
41	100		
39	47.9	34.0	51.0
67	88.2	77.0	115.4
52	34.3	27.9	41.9



#42
1,2-Dichloroethane
Concen: 47.610 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion:	62	Resp:	78358
Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	25.4

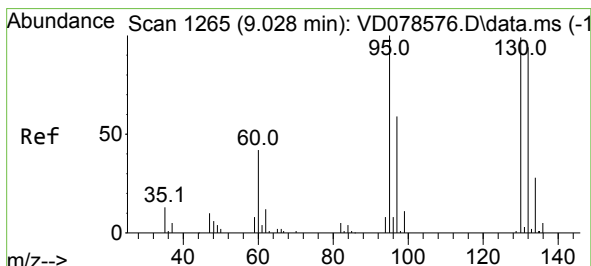
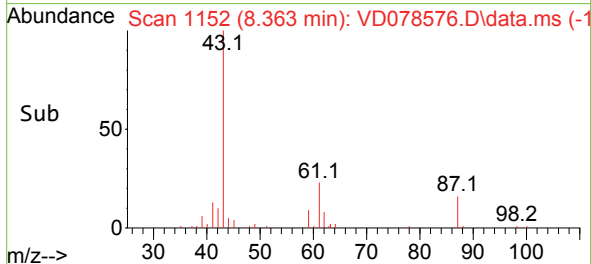
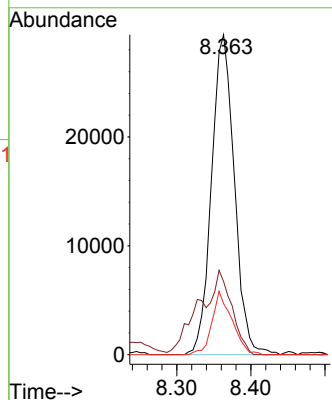
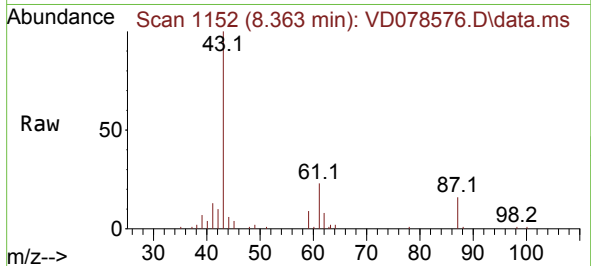




#43
Isopropyl Acetate
Concen: 46.241 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

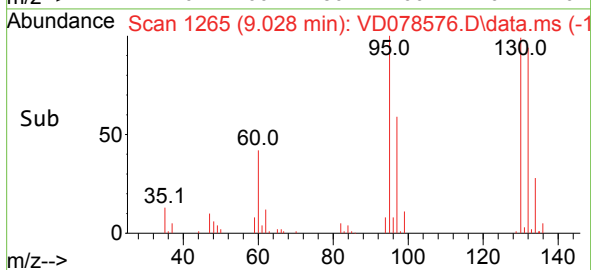
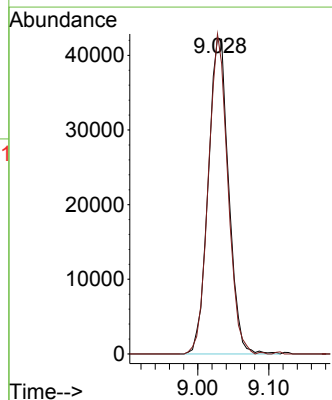
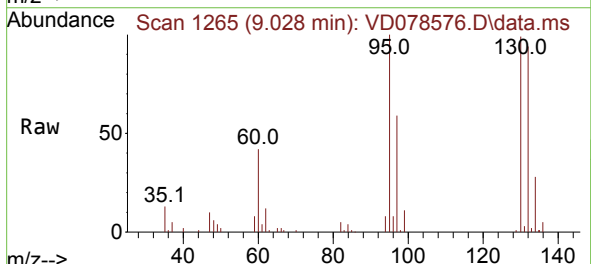
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

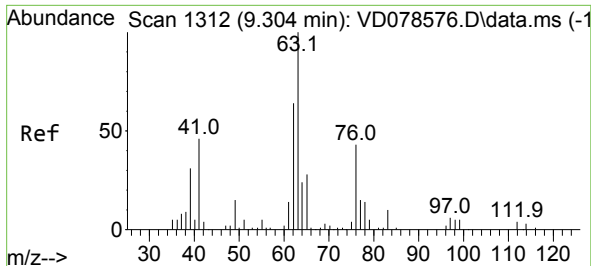
Tgt Ion: 43 Resp: 62870
Ion Ratio Lower Upper
43 100
61 22.8 31.4 47.0#
87 17.4 14.9 22.3



#44
Trichloroethene
Concen: 47.608 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion:130 Resp: 84754
Ion Ratio Lower Upper
130 100
95 101.4 0.0 179.2

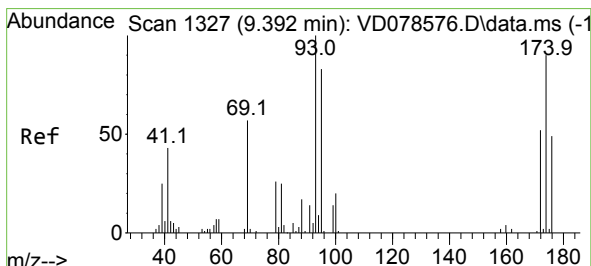
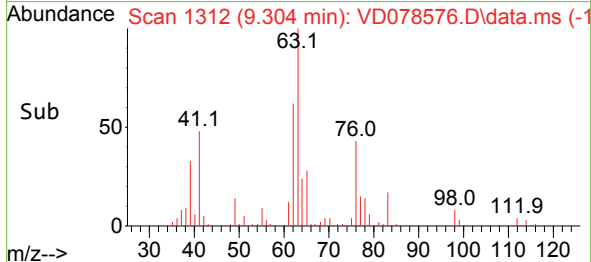
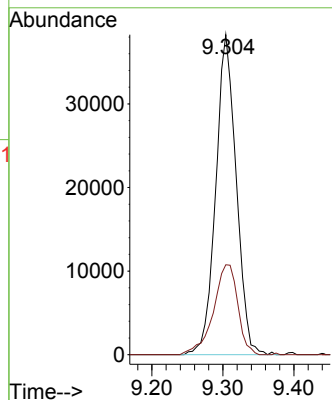
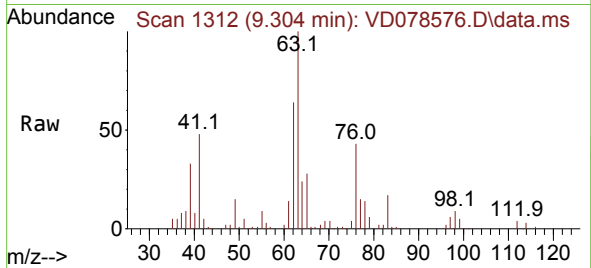




#45
1,2-Dichloropropane
Concen: 49.052 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

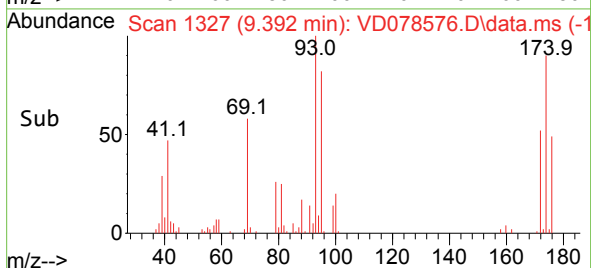
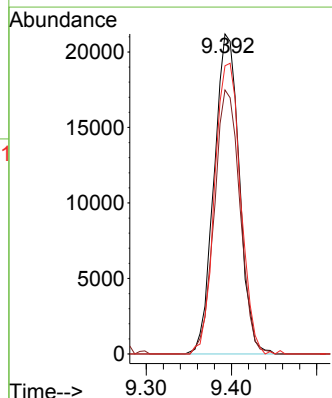
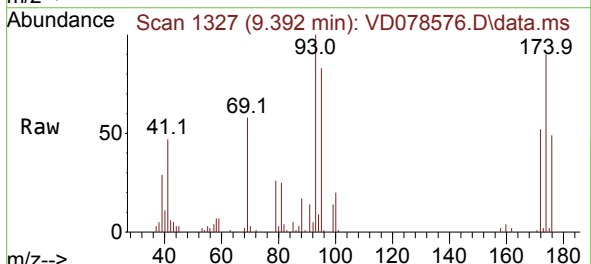
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

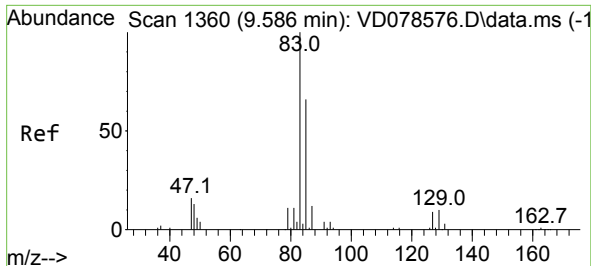
Tgt Ion: 63 Resp: 76443
Ion Ratio Lower Upper
63 100
65 28.1 24.5 36.7



#46
Dibromomethane
Concen: 48.529 ug/l
RT: 9.392 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion: 93 Resp: 43599
Ion Ratio Lower Upper
93 100
95 83.6 67.7 101.5
174 93.4 85.4 128.2

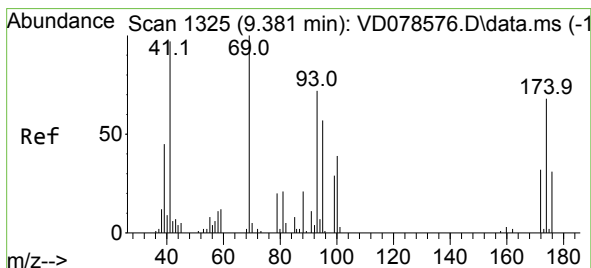
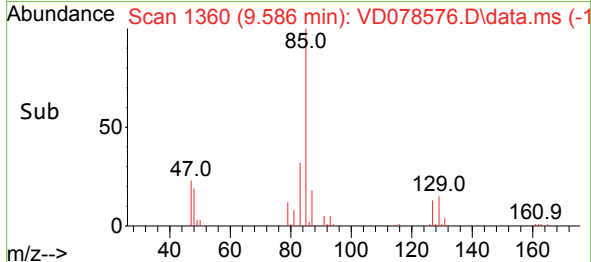
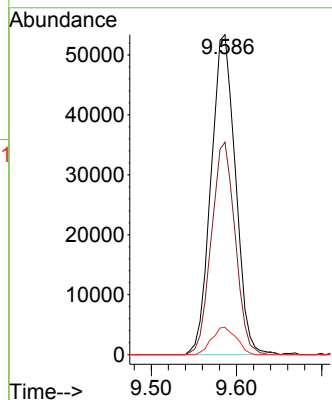
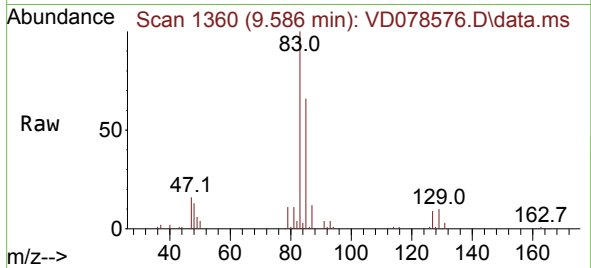




#47
Bromodichloromethane
Concen: 48.076 ug/l
RT: 9.586 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

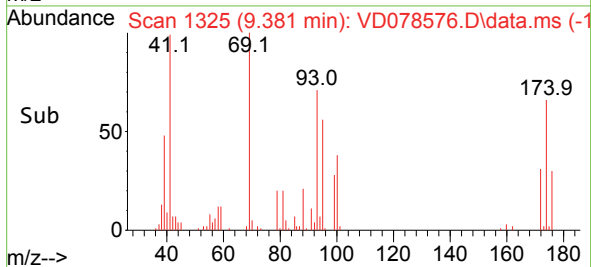
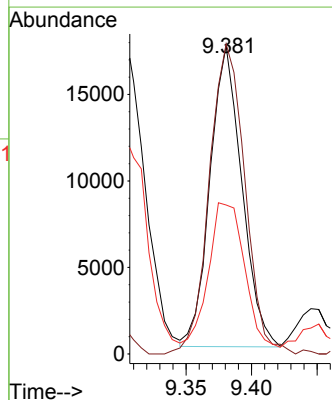
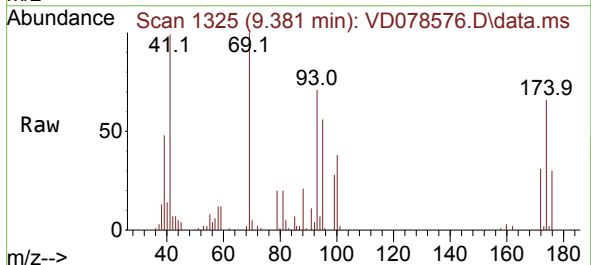
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

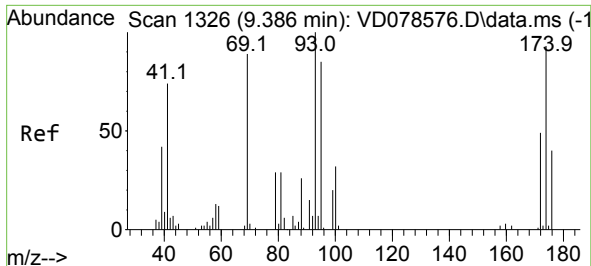
Tgt Ion: 83 Resp: 106499
Ion Ratio Lower Upper
83 100
85 66.4 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 47.684 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion: 41 Resp: 29368
Ion Ratio Lower Upper
41 100
69 114.8 102.2 153.2
39 59.6 41.4 62.2





#49

1,4-Dioxane

Concen: 914.453 ug/l

RT: 9.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

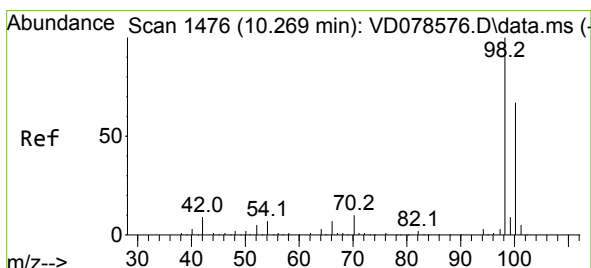
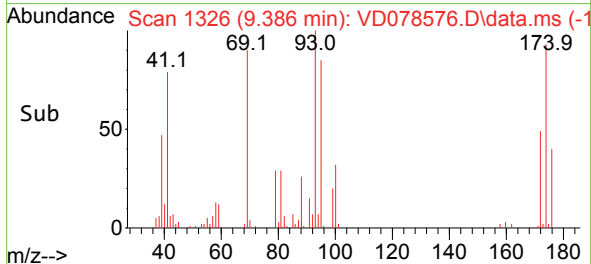
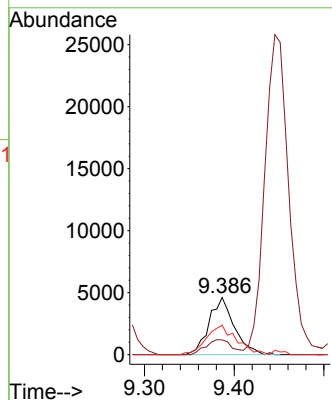
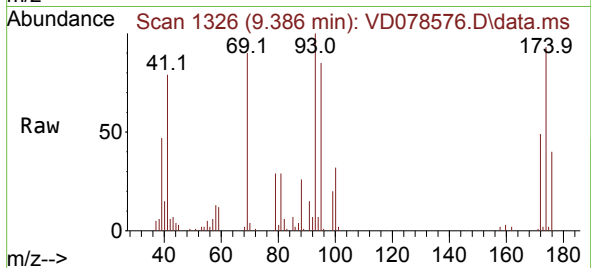
Tgt Ion: 88 Resp: 8988

Ion Ratio Lower Upper

88 100

43 27.7 19.0 28.6

58 61.3 43.5 65.3



#50

Toluene-d8

Concen: 48.835 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078576.D

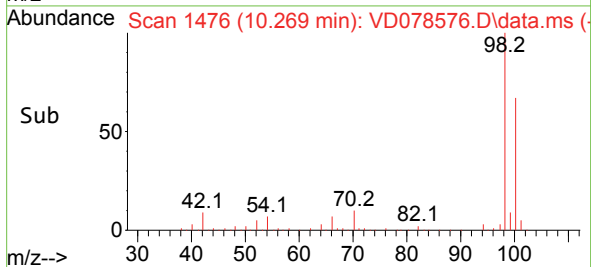
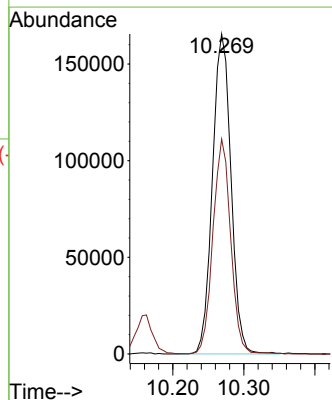
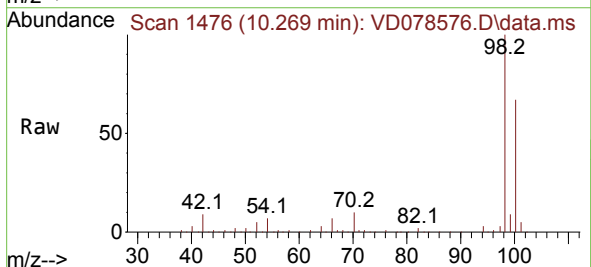
Acq: 01 Mar 2024 13:38

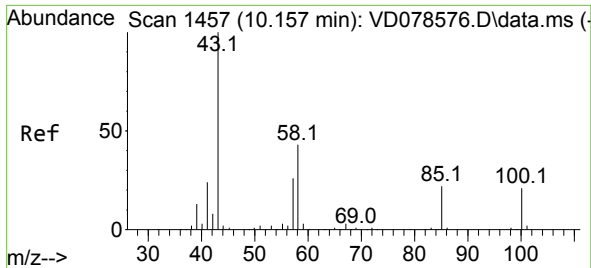
Tgt Ion: 98 Resp: 300145

Ion Ratio Lower Upper

98 100

100 64.4 50.3 75.5

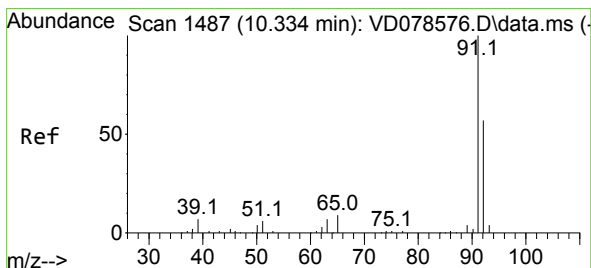
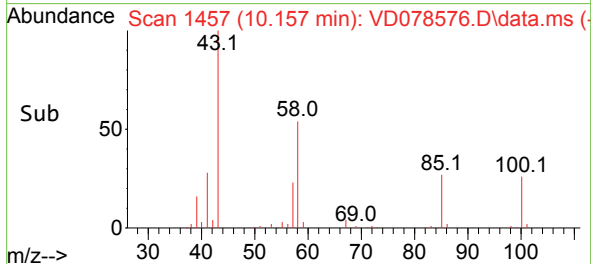
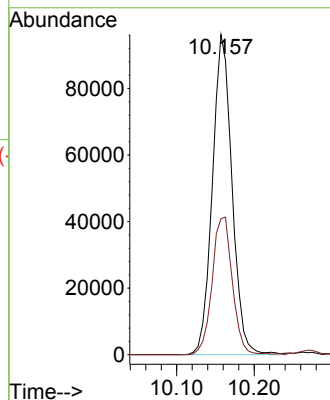
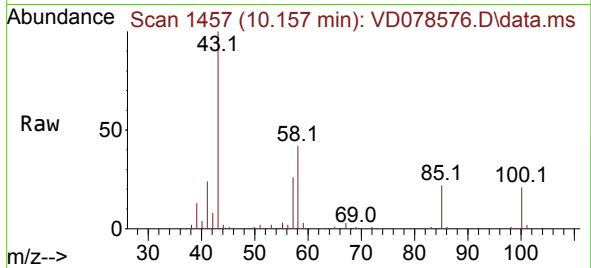




#51
4-Methyl-2-Pentanone
Concen: 240.952 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

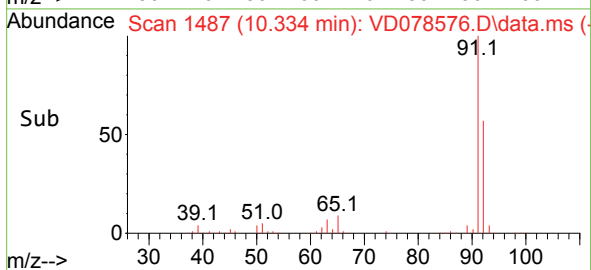
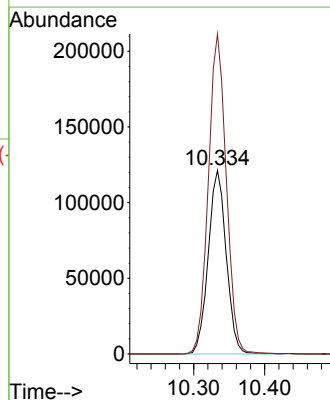
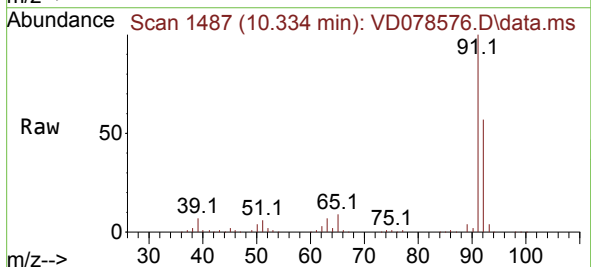
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

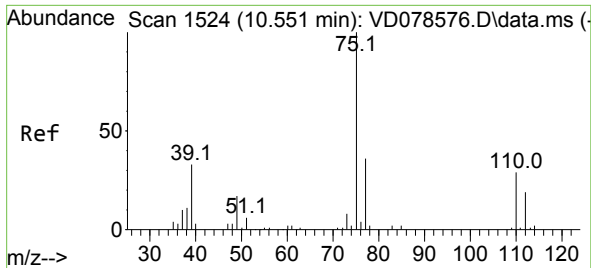
Tgt Ion: 43 Resp: 169092
Ion Ratio Lower Upper
43 100
58 44.4 38.9 58.3



#52
Toluene
Concen: 51.256 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion: 92 Resp: 213362
Ion Ratio Lower Upper
92 100
91 174.1 143.0 214.4





#53

t-1,3-Dichloropropene

Concen: 48.075 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

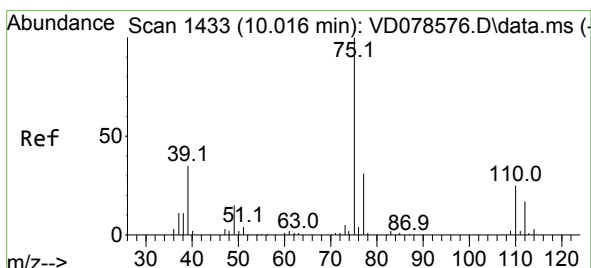
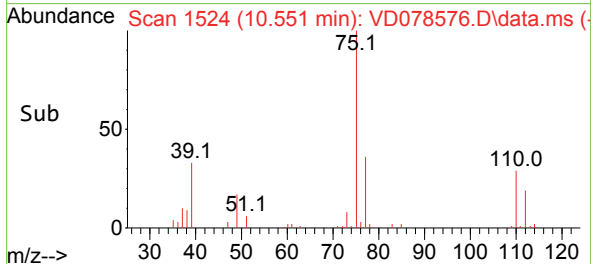
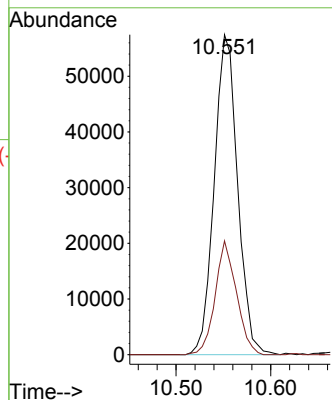
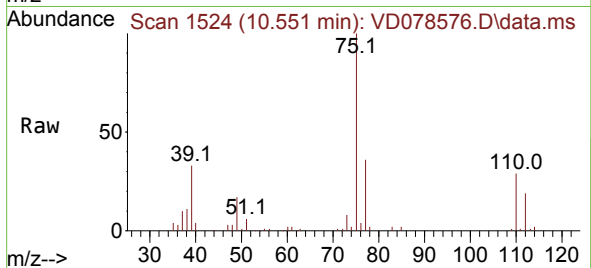
VSTDICCC050

Tgt Ion: 75 Resp: 98521

Ion Ratio Lower Upper

75 100

77 35.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 48.691 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

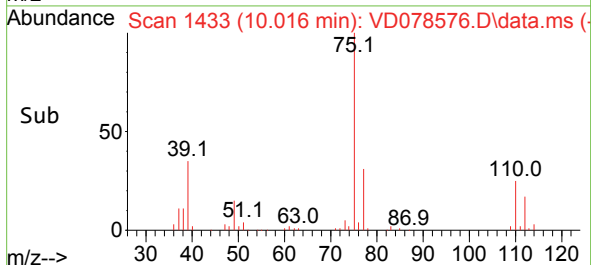
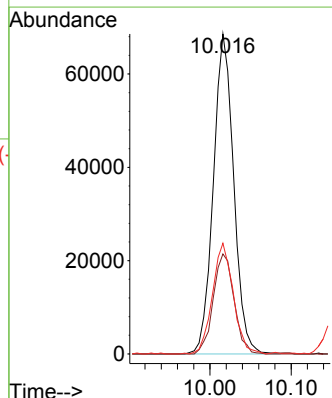
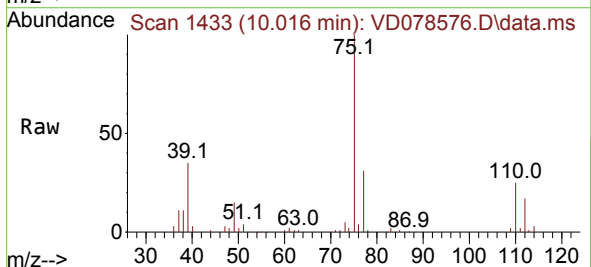
Tgt Ion: 75 Resp: 119472

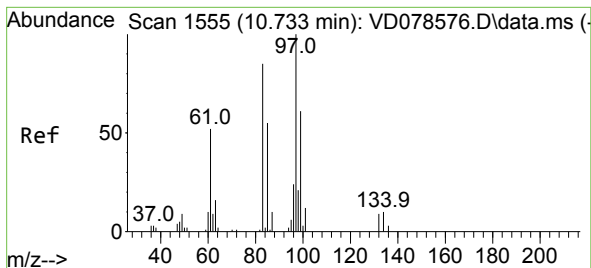
Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3

39 34.6 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 46.718 ug/l

RT: 10.733 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 59100

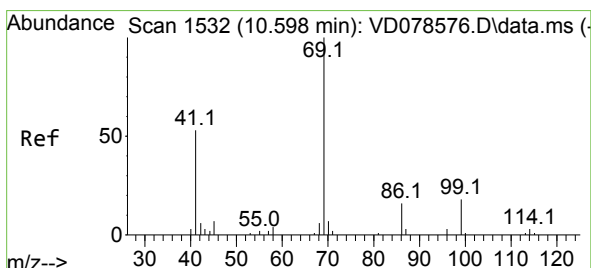
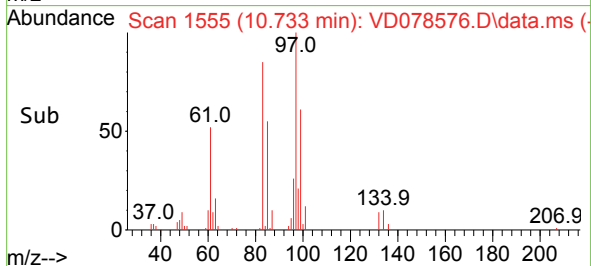
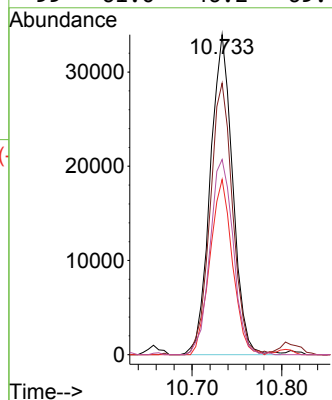
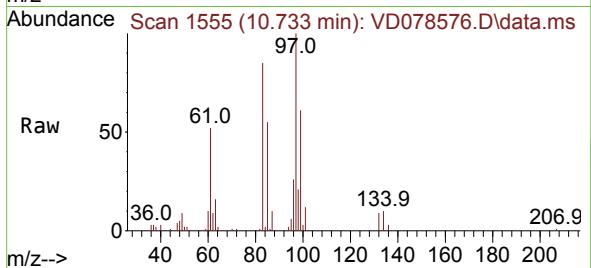
Ion Ratio Lower Upper

97 100

83 84.9 65.8 98.6

85 54.7 45.7 68.5

99 61.0 46.2 69.4



#56

Ethyl methacrylate

Concen: 49.739 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

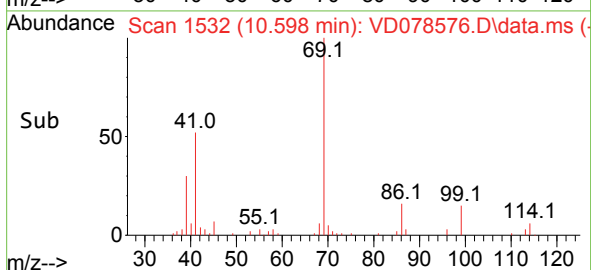
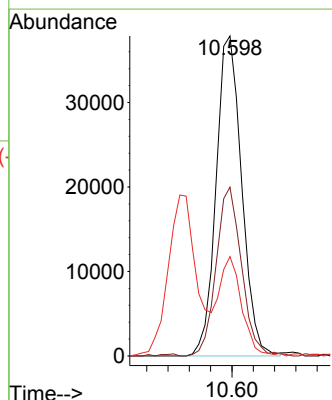
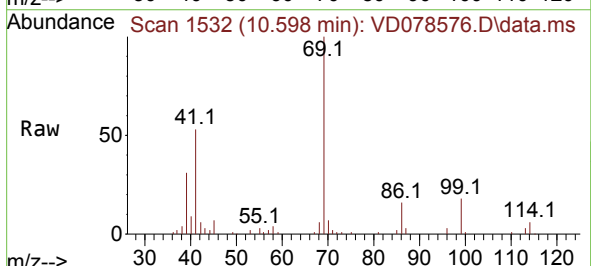
Tgt Ion: 69 Resp: 63066

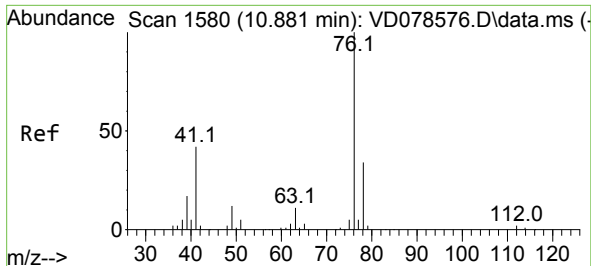
Ion Ratio Lower Upper

69 100

41 52.5 39.1 58.7

39 27.4 20.0 30.0





#57

1,3-Dichloropropane

Concen: 48.024 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

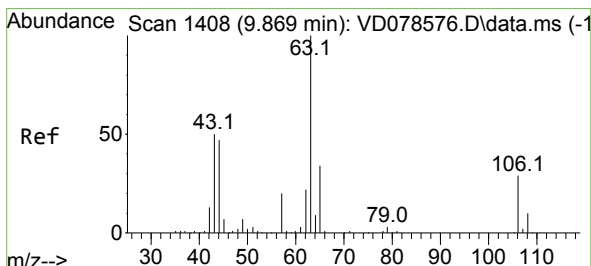
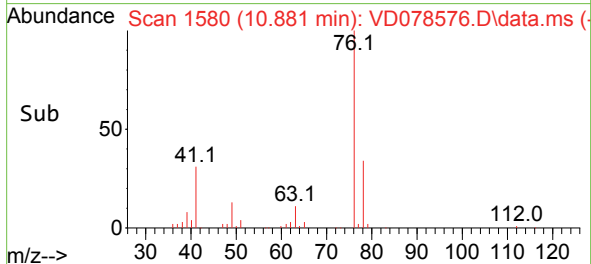
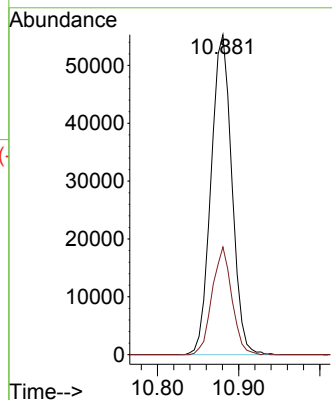
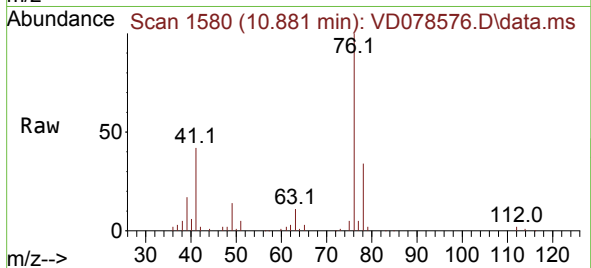
VSTDICCC050

Tgt Ion: 76 Resp: 98449

Ion Ratio Lower Upper

76 100

78 32.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 243.481 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078576.D

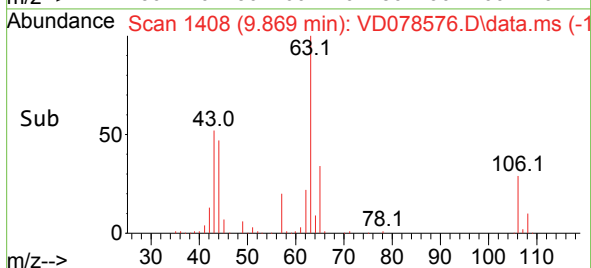
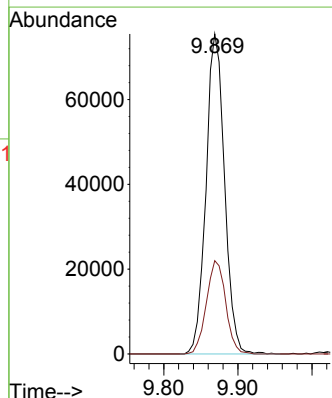
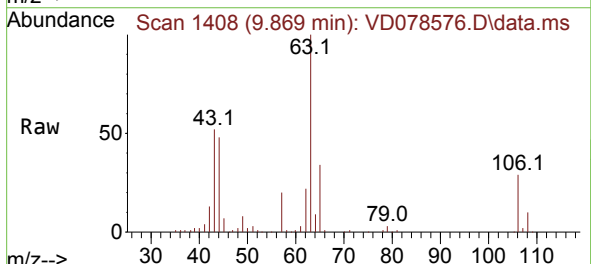
Acq: 01 Mar 2024 13:38

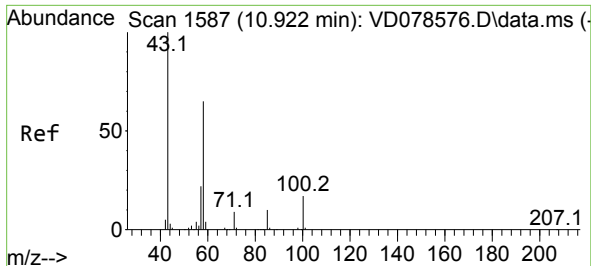
Tgt Ion: 63 Resp: 131004

Ion Ratio Lower Upper

63 100

106 30.3 25.3 37.9

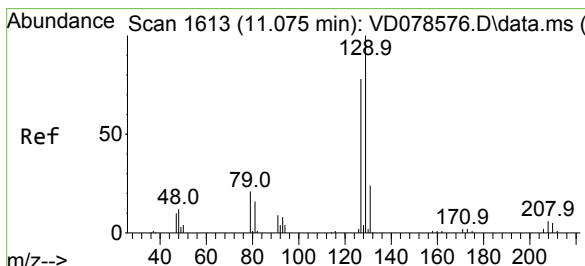
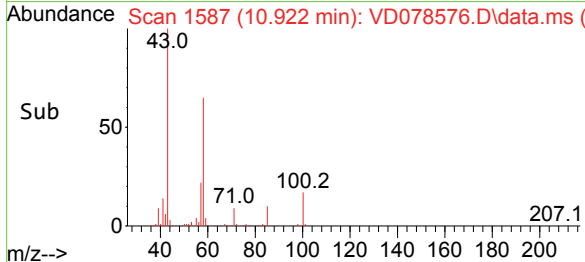
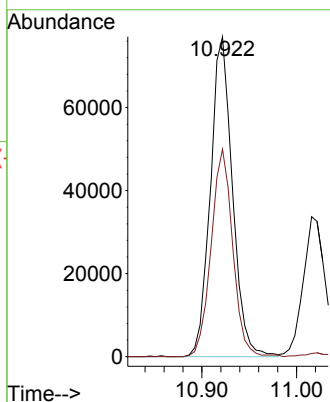
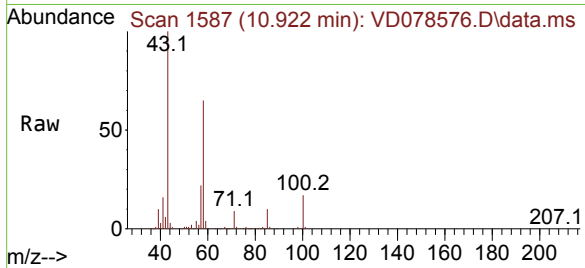




#59
2-Hexanone
Concen: 239.156 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

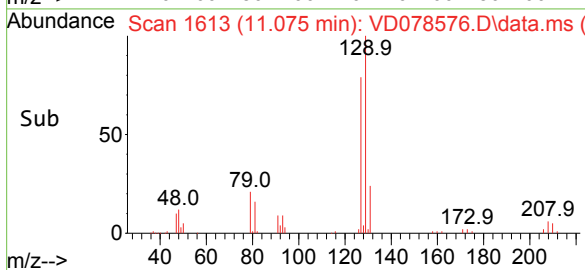
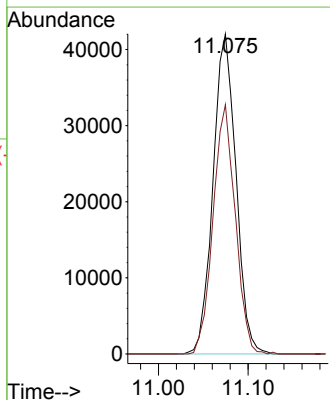
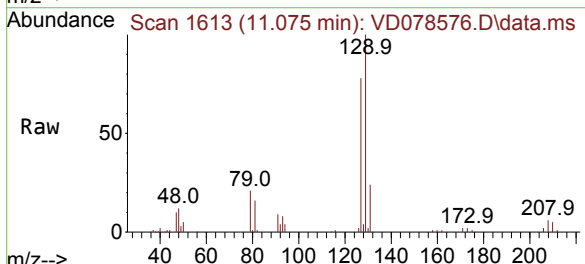
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

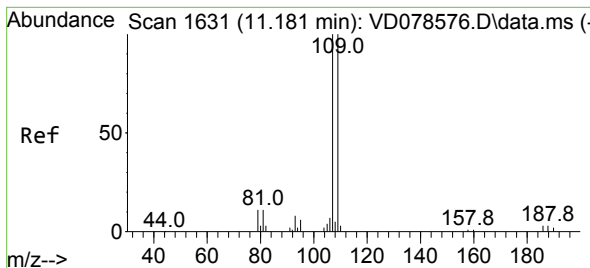
Tgt Ion: 43 Resp: 124484
Ion Ratio Lower Upper
43 100
58 63.5 34.1 102.2



#60
Dibromochloromethane
Concen: 48.884 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion: 129 Resp: 74670
Ion Ratio Lower Upper
129 100
127 75.5 37.1 111.5





#61

1,2-Dibromoethane

Concen: 48.502 ug/l

RT: 11.181 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

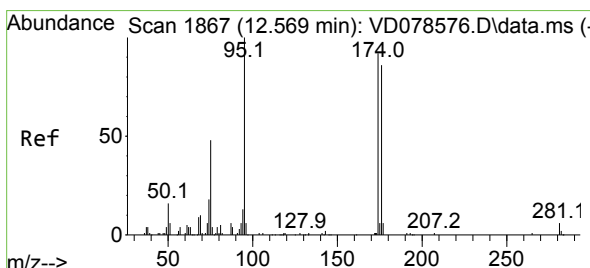
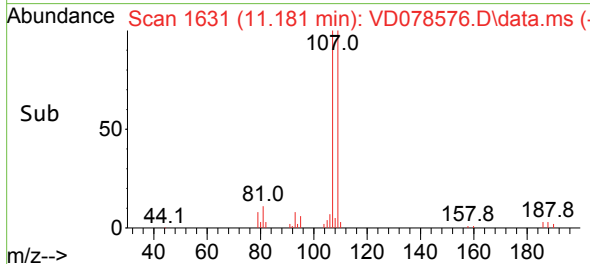
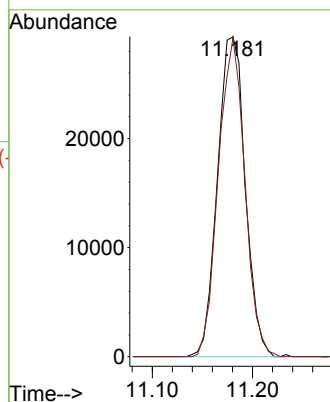
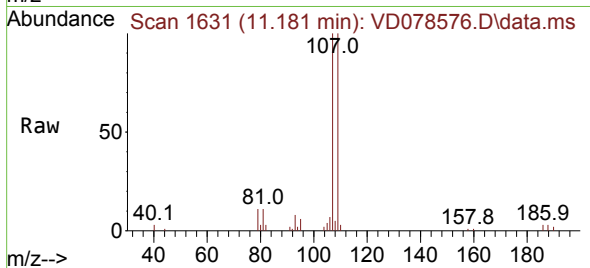
VSTDICCC050

Tgt Ion:107 Resp: 56310

Ion Ratio Lower Upper

107 100

109 94.9 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.292 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

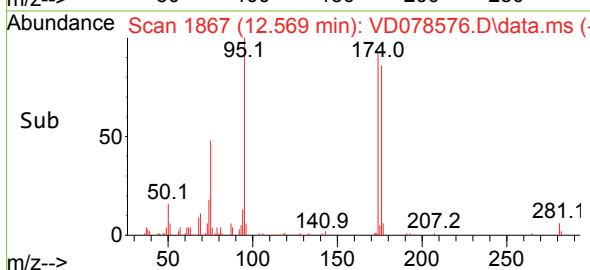
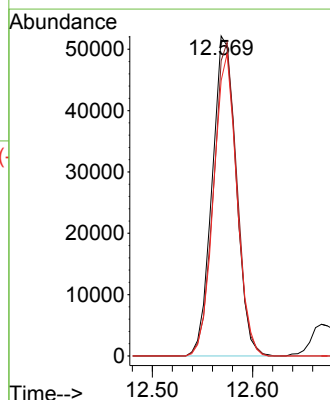
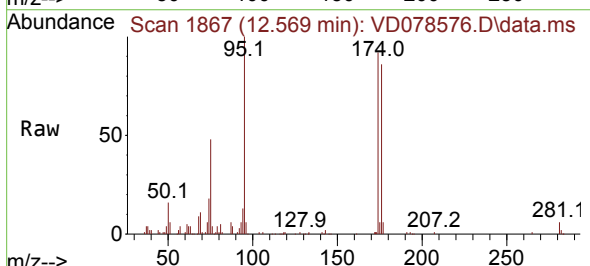
Tgt Ion: 95 Resp: 86529

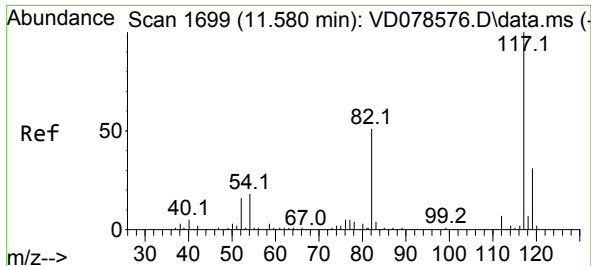
Ion Ratio Lower Upper

95 100

174 95.4 0.0 201.8

176 91.5 0.0 191.8

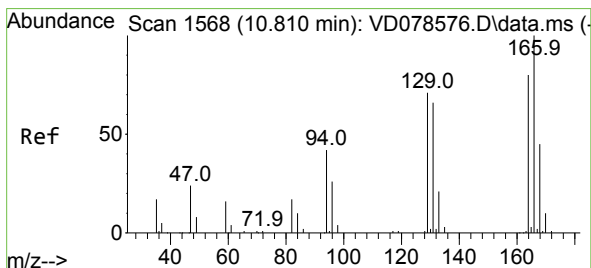
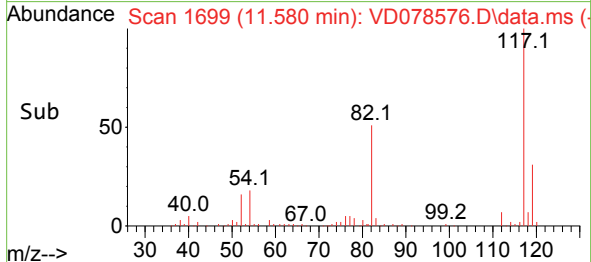
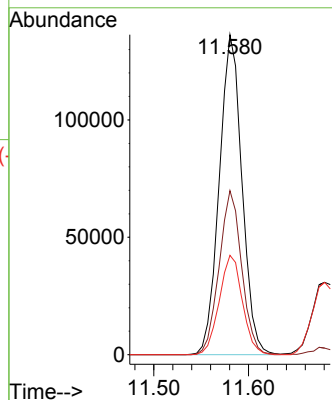
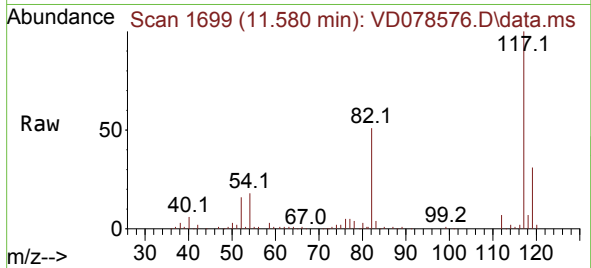




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

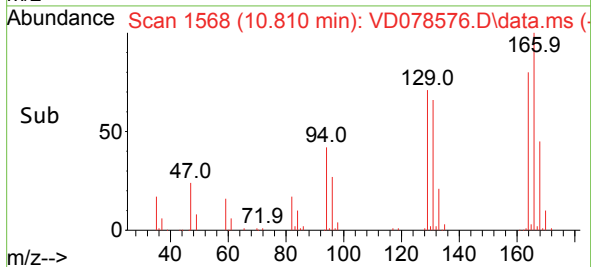
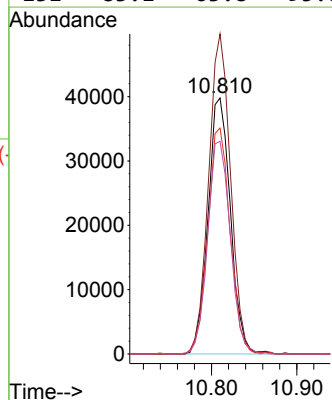
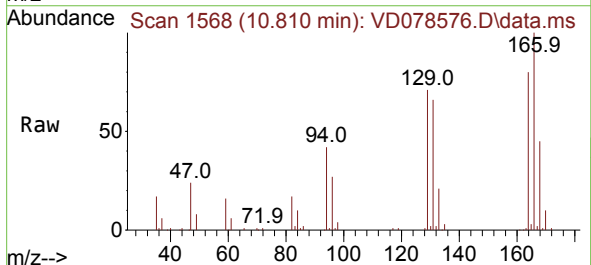
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

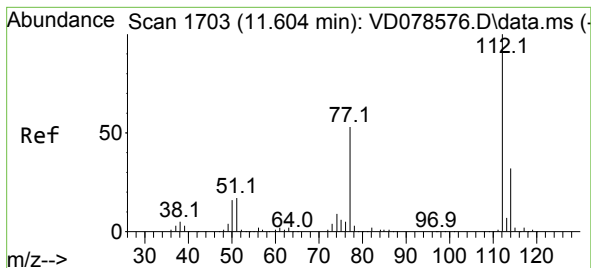
Tgt Ion:117 Resp: 227461
Ion Ratio Lower Upper
117 100
82 51.2 38.3 57.5
119 31.0 25.0 37.4



#64
Tetrachloroethene
Concen: 50.837 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion:164 Resp: 72757
Ion Ratio Lower Upper
164 100
166 125.0 99.2 148.8
129 88.2 68.4 102.6
131 83.1 63.8 95.8

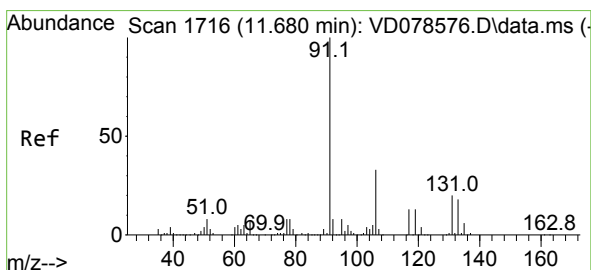
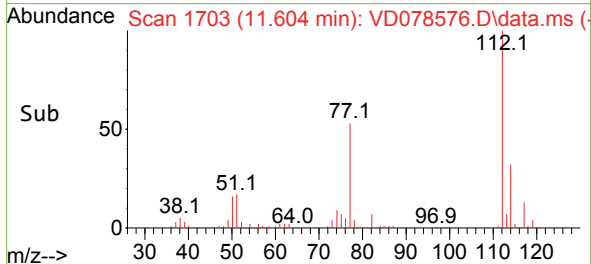
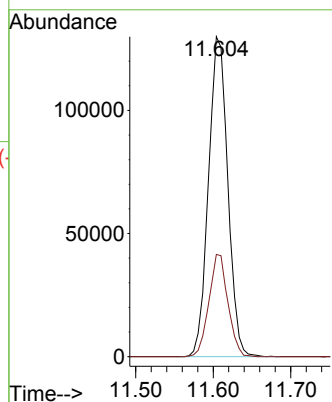
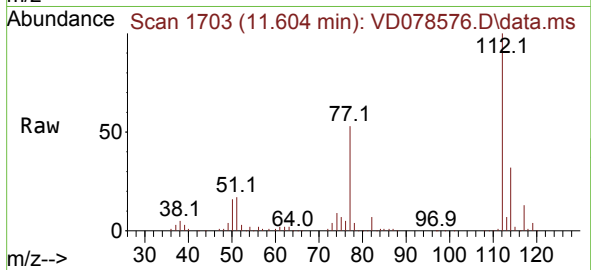




#65
Chlorobenzene
Concen: 50.182 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

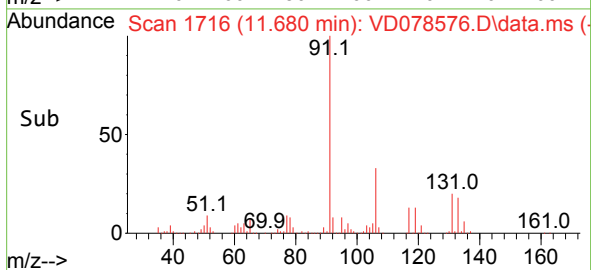
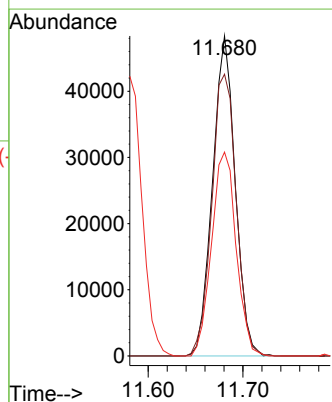
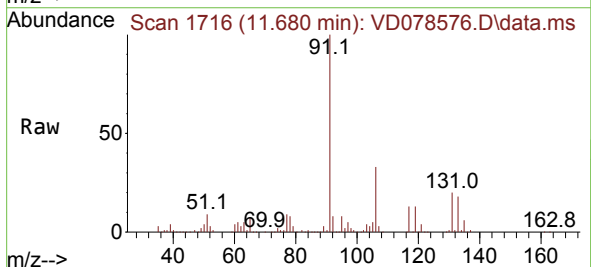
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

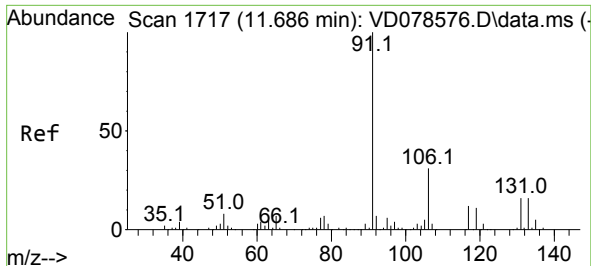
Tgt Ion:112 Resp: 224778
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 48.144 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion:131 Resp: 80282
Ion Ratio Lower Upper
131 100
133 95.1 48.5 145.5
119 69.2 35.6 106.9





#67

Ethyl Benzene

Concen: 51.333 ug/l

RT: 11.686 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

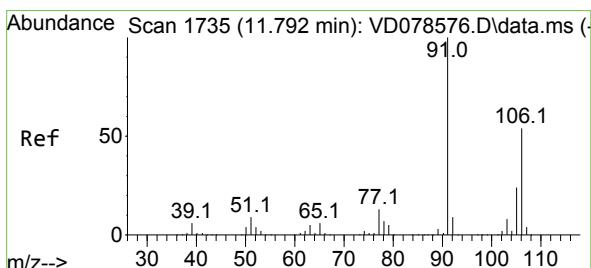
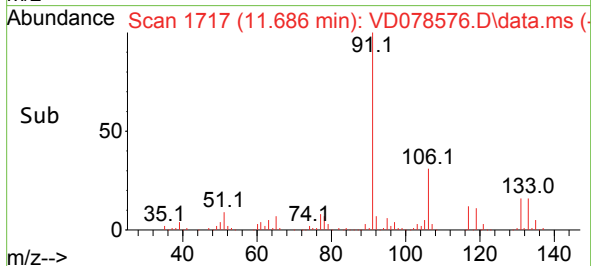
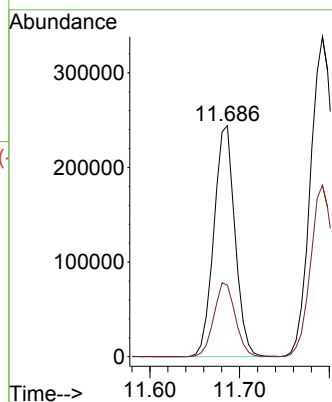
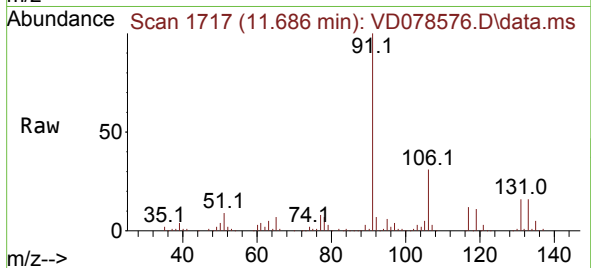
VSTDICCC050

Tgt Ion: 91 Resp: 398407

Ion Ratio Lower Upper

91 100

106 30.9 26.5 39.7



#68

m/p-Xylenes

Concen: 105.308 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078576.D

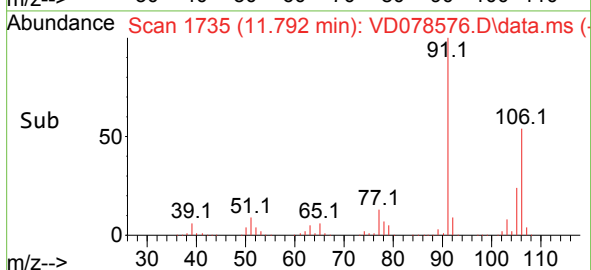
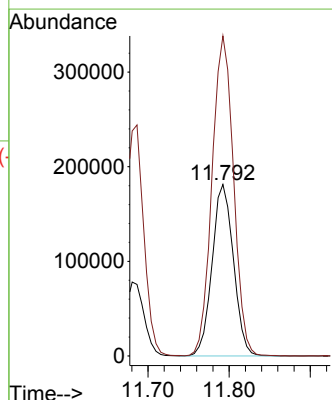
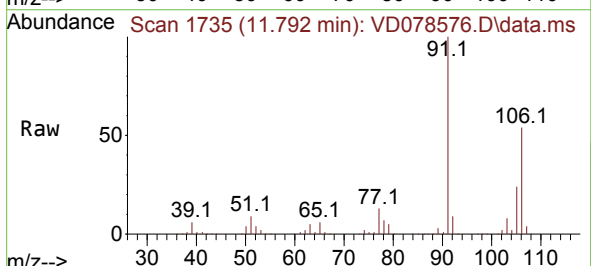
Acq: 01 Mar 2024 13:38

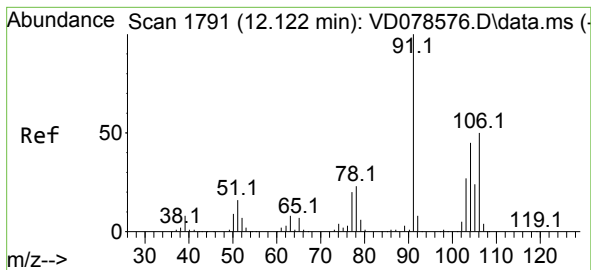
Tgt Ion:106 Resp: 330655

Ion Ratio Lower Upper

106 100

91 188.4 147.0 220.6

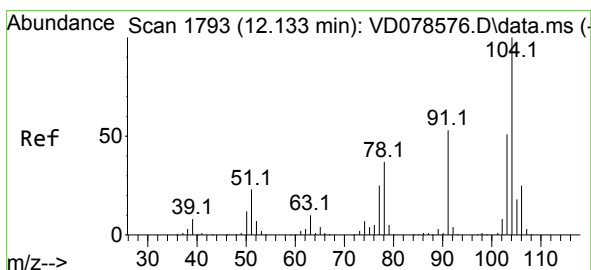
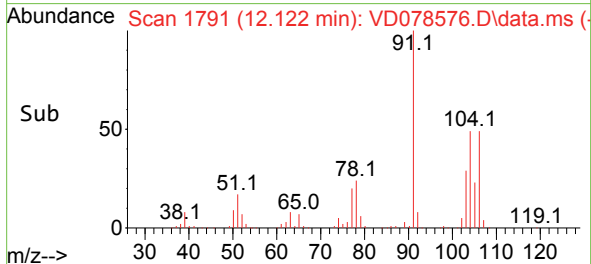
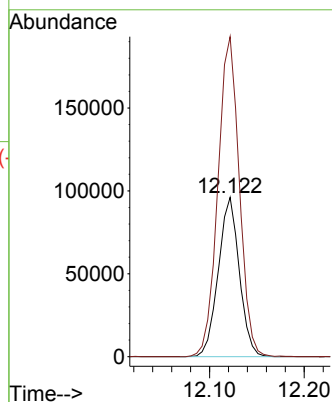
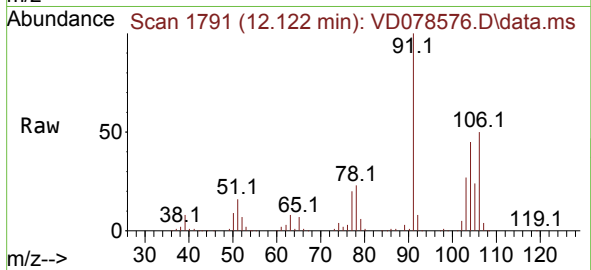




#69
o-Xylene
Concen: 51.964 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

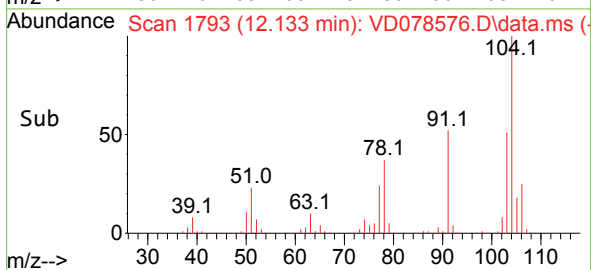
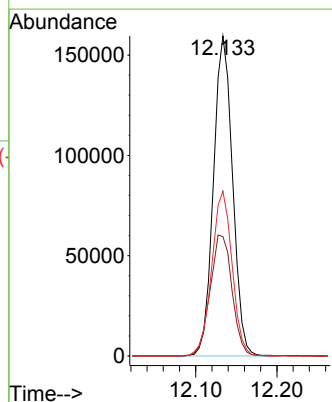
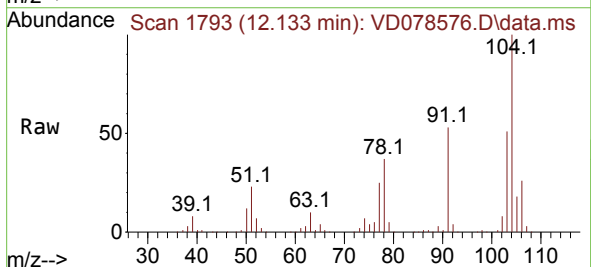
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

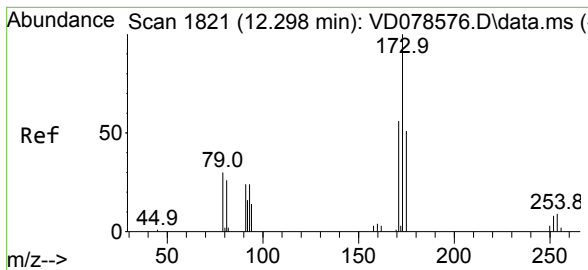
Tgt Ion:106 Resp: 148016
Ion Ratio Lower Upper
106 100
91 205.1 97.9 293.6



#70
Styrene
Concen: 52.905 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion:104 Resp: 261211
Ion Ratio Lower Upper
104 100
78 43.2 33.2 49.8
103 54.8 43.6 65.4

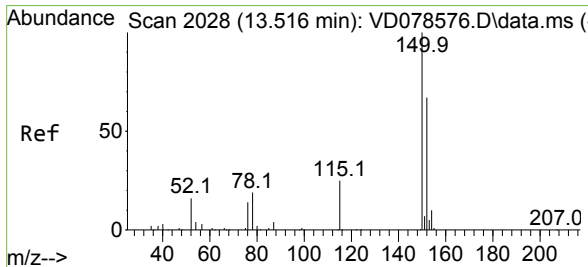
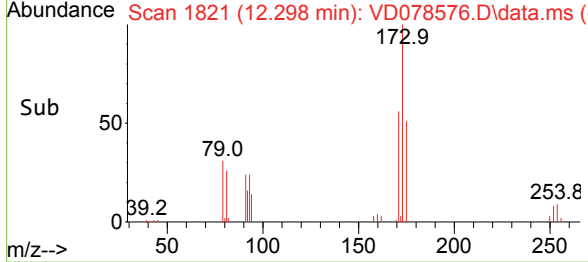
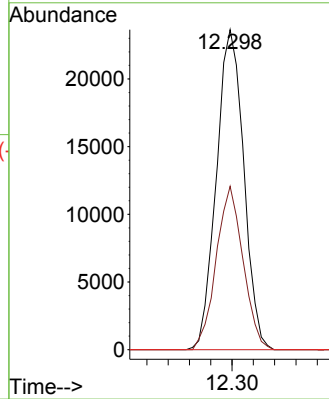
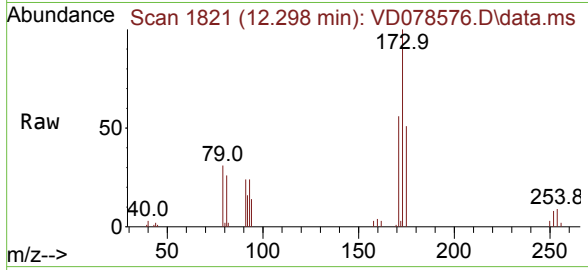




#71
Bromoform
Concen: 47.425 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

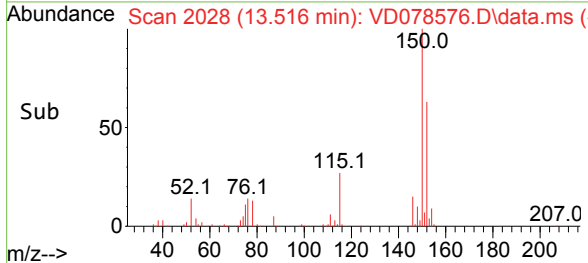
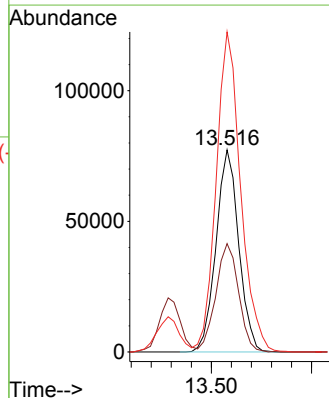
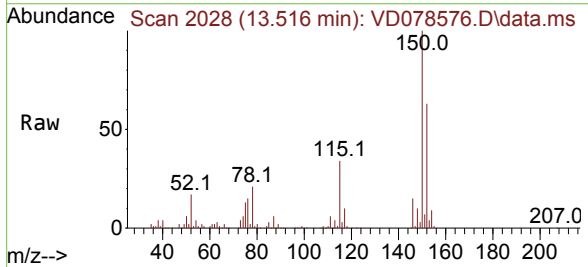
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

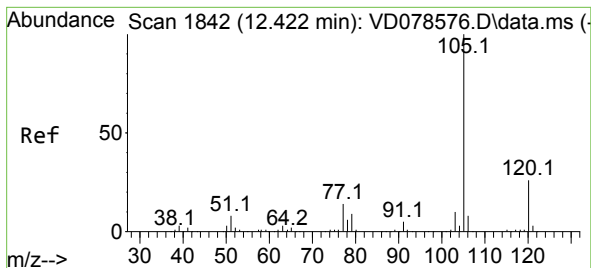
Tgt Ion:173 Resp: 42072
Ion Ratio Lower Upper
173 100
175 50.2 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion:152 Resp: 121570
Ion Ratio Lower Upper
152 100
115 53.6 27.1 81.3
150 170.7 0.0 353.6





#73

Isopropylbenzene

Concen: 51.205 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

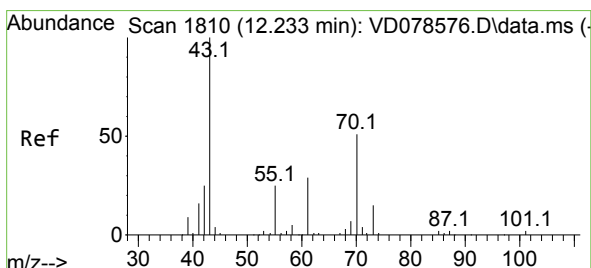
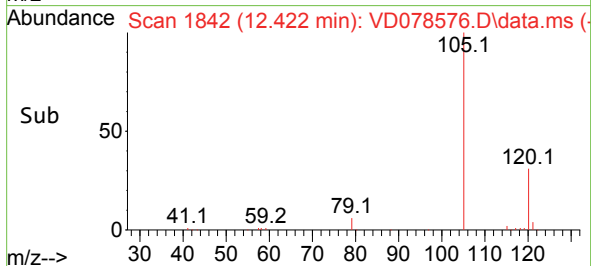
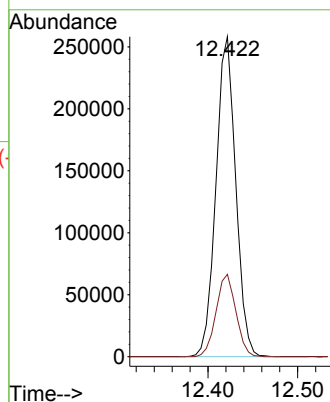
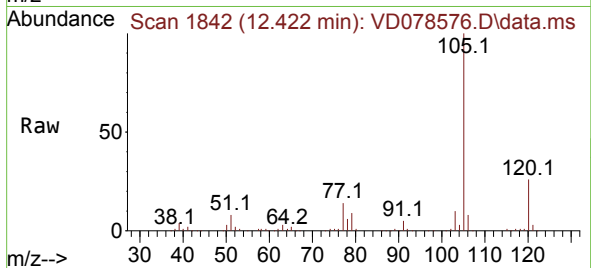
VSTDICCC050

Tgt Ion:105 Resp: 394604

Ion Ratio Lower Upper

105 100

120 25.8 14.3 42.9



#74

N-ethyl acetate

Concen: 47.758 ug/l

RT: 12.233 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Tgt Ion: 43 Resp: 61946

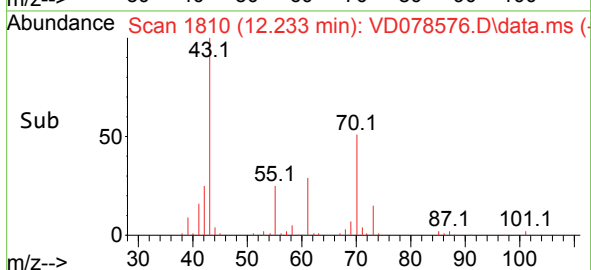
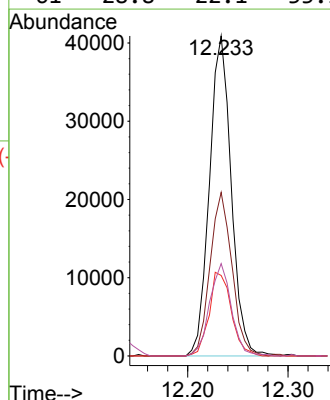
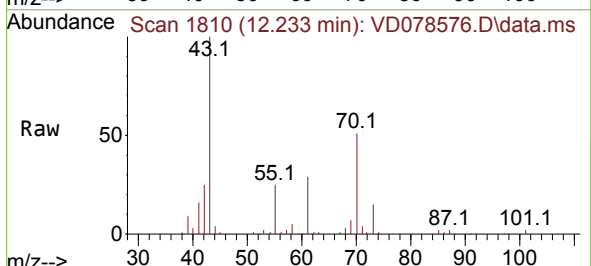
Ion Ratio Lower Upper

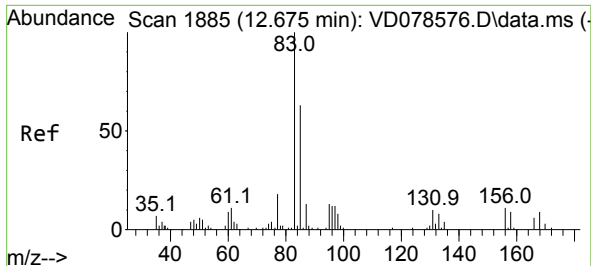
43 100

70 51.3 45.0 67.4

55 26.7 23.8 35.6

61 28.8 22.1 33.1

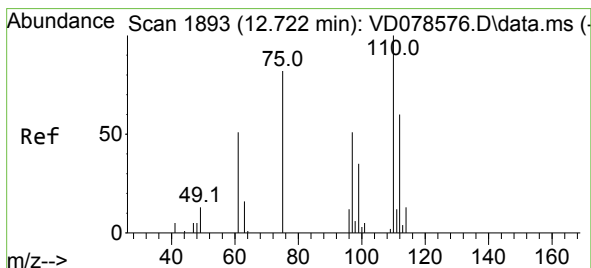
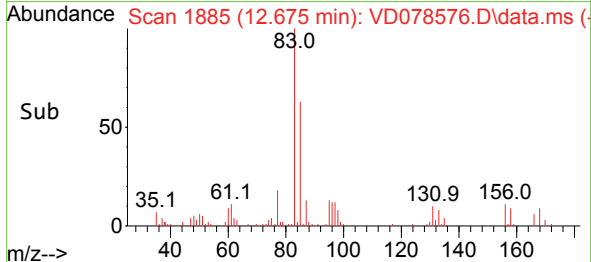
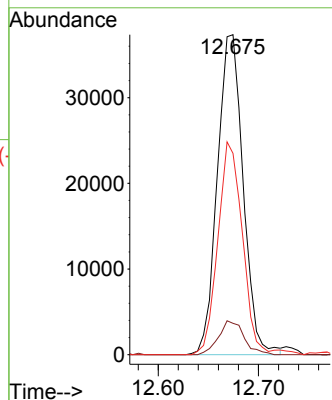
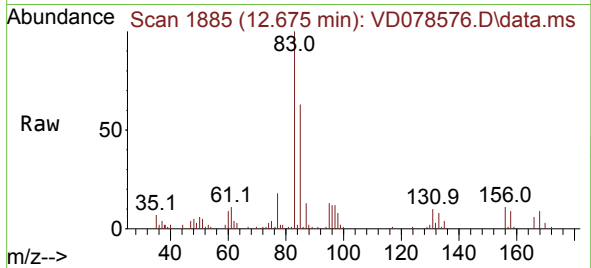




#75
1,1,2,2-Tetrachloroethane
Concen: 45.214 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

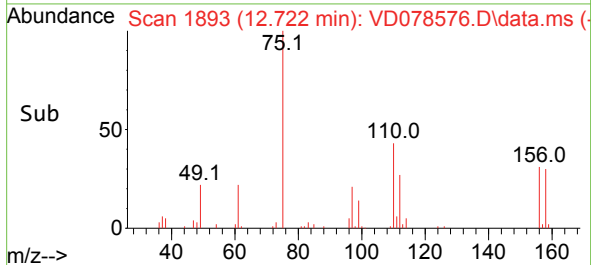
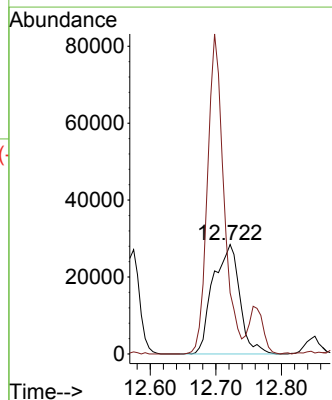
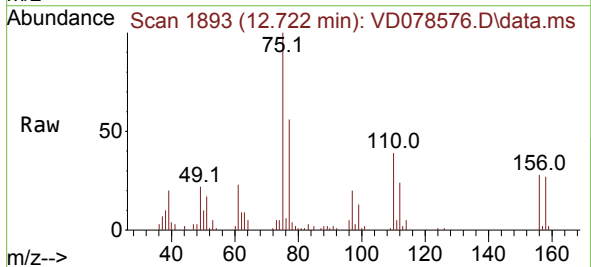
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

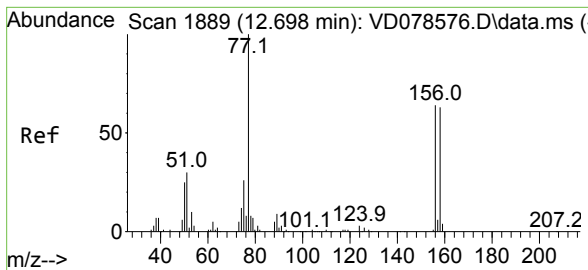
Tgt Ion: 83 Resp: 66749
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.3
85 63.8 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 86.354 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion: 75 Resp: 80361
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

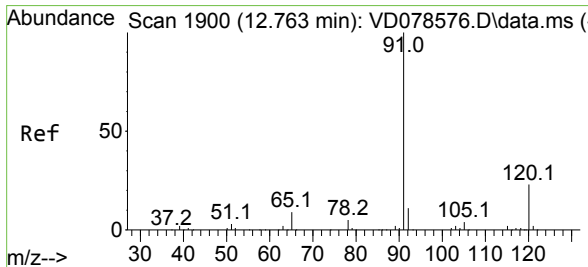
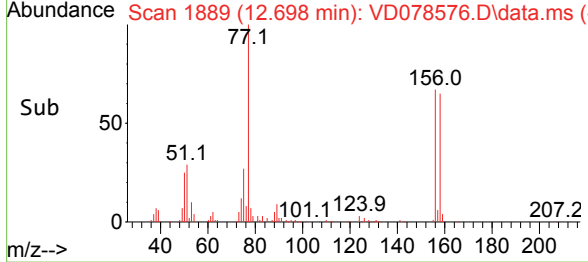
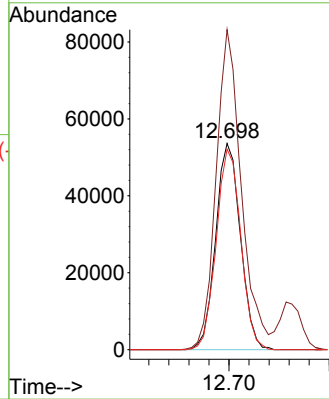
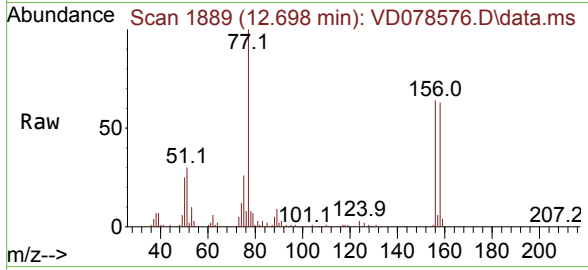




#77
Bromobenzene
Concen: 49.230 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

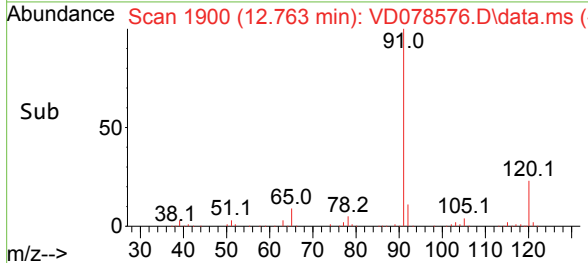
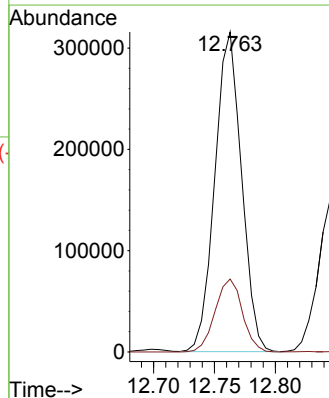
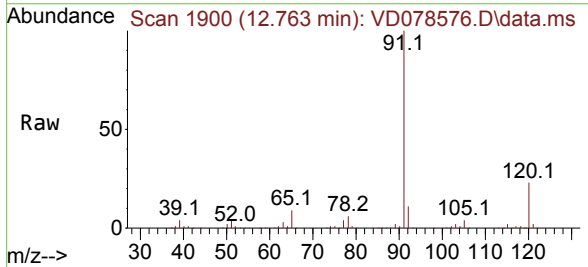
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

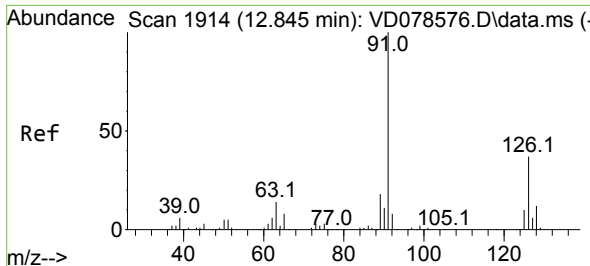
Tgt Ion:156 Resp: 91751
Ion Ratio Lower Upper
156 100
77 158.2 76.8 230.4
158 96.5 48.6 145.9



#78
n-propylbenzene
Concen: 50.972 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion: 91 Resp: 480480
Ion Ratio Lower Upper
91 100
120 23.3 12.4 37.2

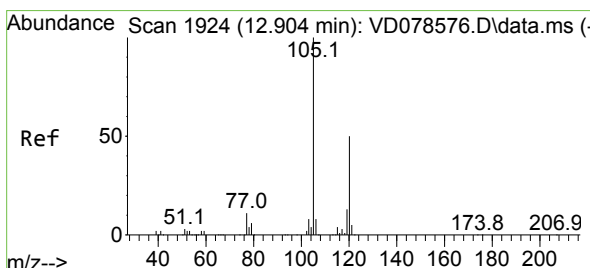
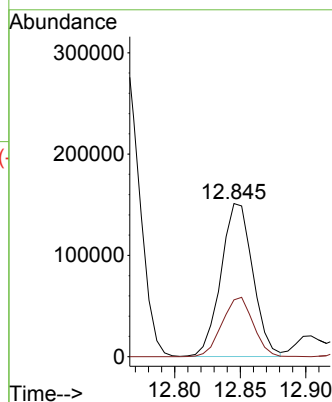
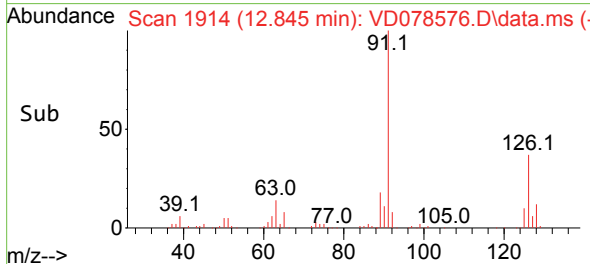
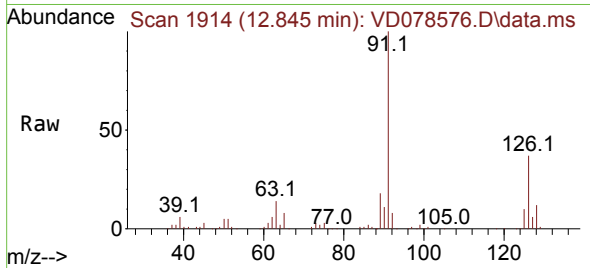




#79
2-Chlorotoluene
Concen: 50.540 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

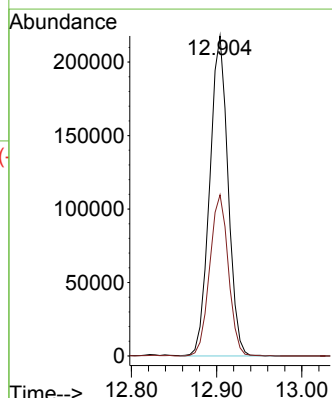
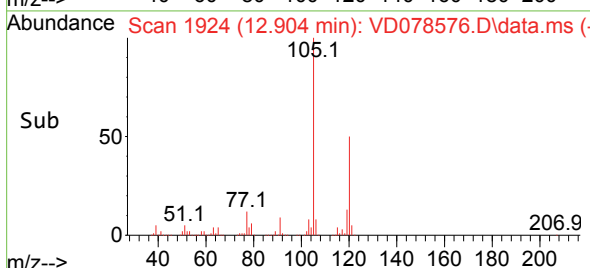
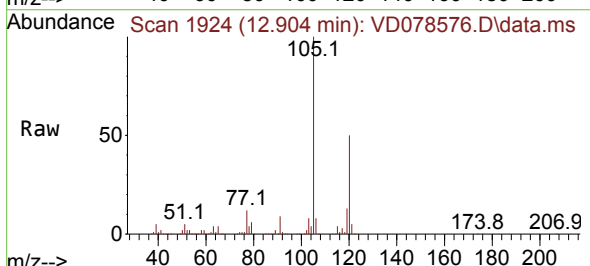
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

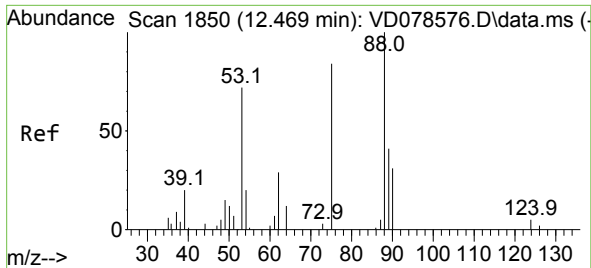
Tgt Ion: 91 Resp: 255647
Ion Ratio Lower Upper
91 100
126 37.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 51.939 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion: 105 Resp: 325703
Ion Ratio Lower Upper
105 100
120 51.1 26.4 79.2

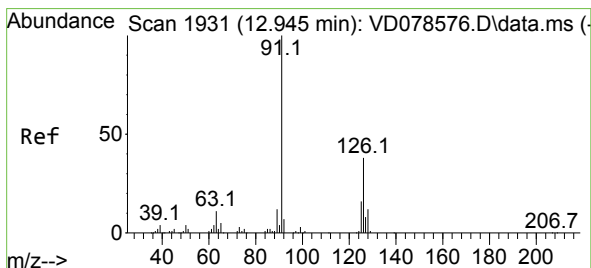
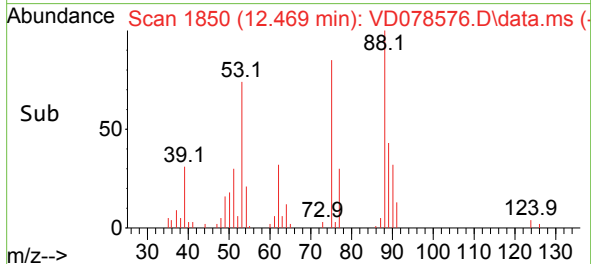
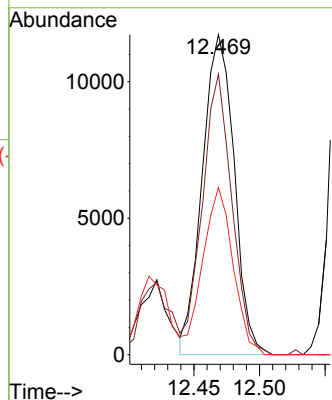
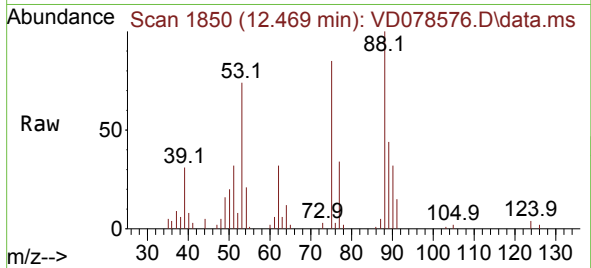




#81
trans-1,4-Dichloro-2-butene
Concen: 45.680 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

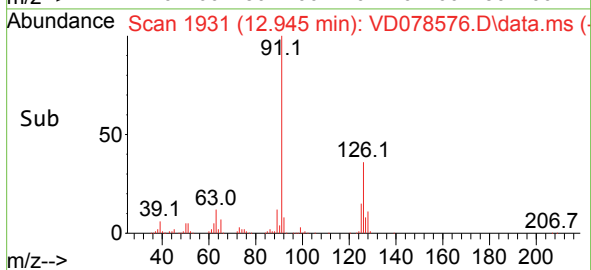
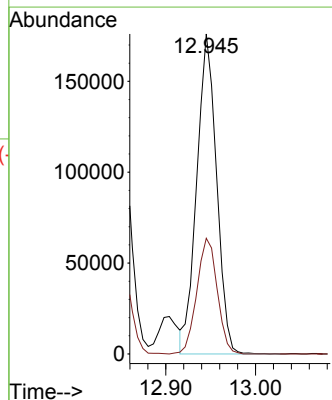
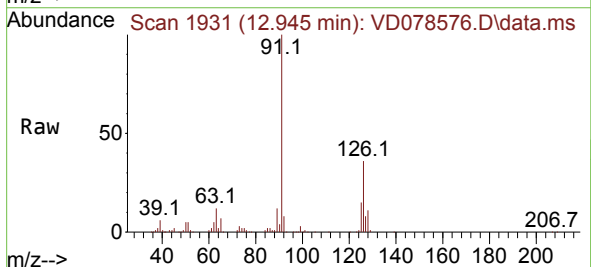
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

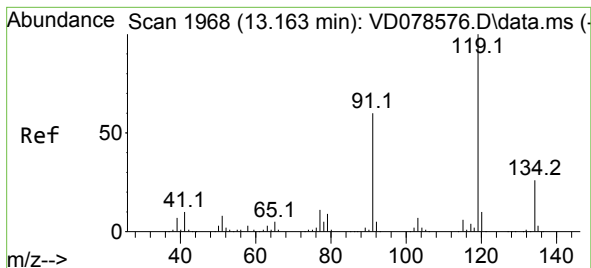
Tgt Ion:	75	Resp:	19815
Ion	Ratio	Lower	Upper
75	100		
53	81.6	63.0	94.4
89	49.8	37.9	56.9



#82
4-Chlorotoluene
Concen: 50.047 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion:	91	Resp:	269794
Ion	Ratio	Lower	Upper
91	100		
126	37.2	19.4	58.4





#83

tert-Butylbenzene

Concen: 53.903 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

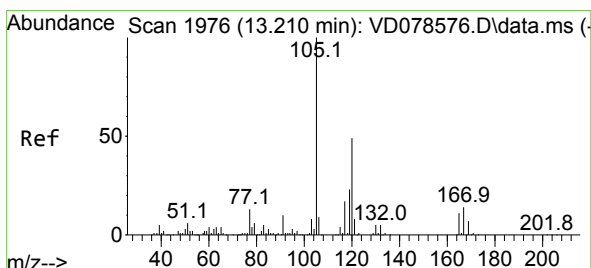
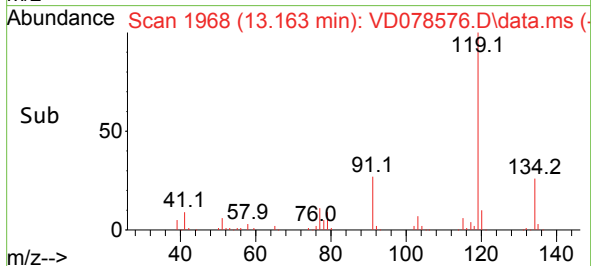
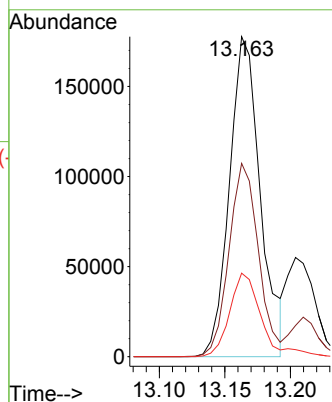
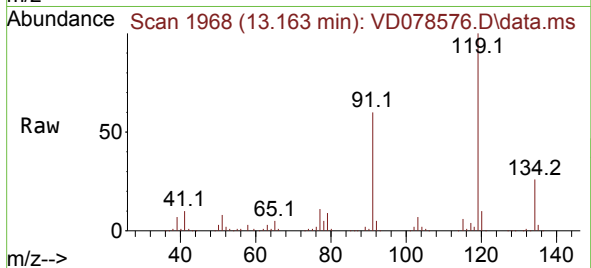
Tgt Ion:119 Resp: 291051

Ion Ratio Lower Upper

119 100

91 57.7 29.3 87.8

134 26.7 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 52.228 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078576.D

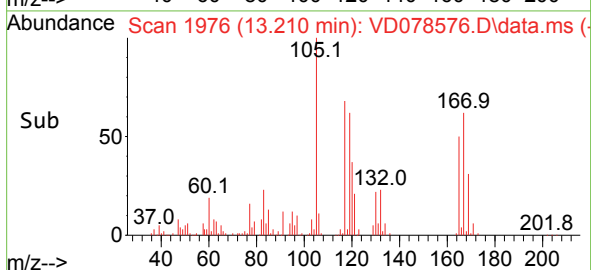
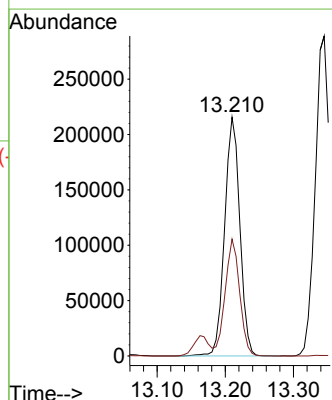
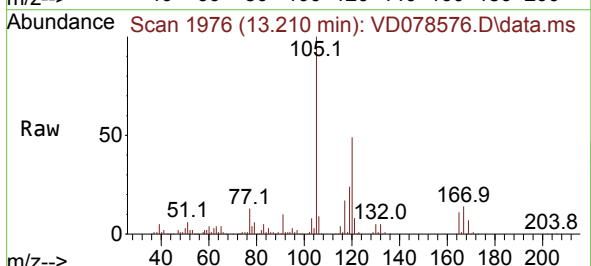
Acq: 01 Mar 2024 13:38

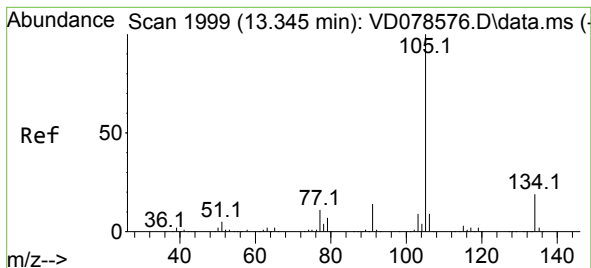
Tgt Ion:105 Resp: 334757

Ion Ratio Lower Upper

105 100

120 47.0 24.3 72.9





#85

sec-Butylbenzene

Concen: 52.833 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

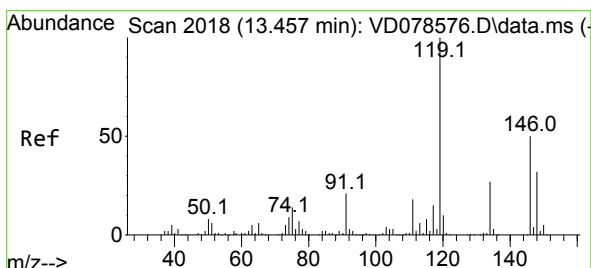
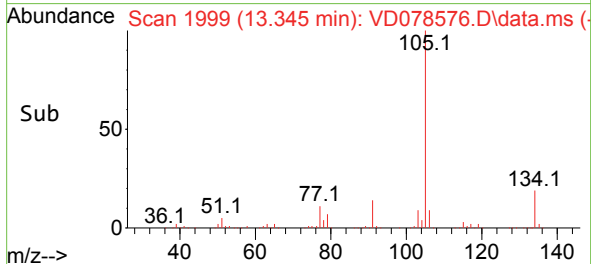
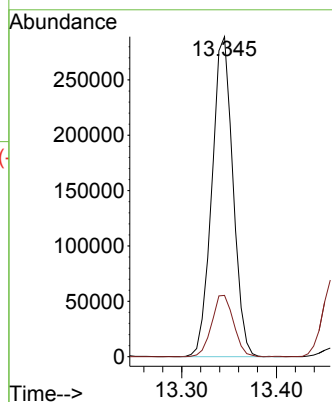
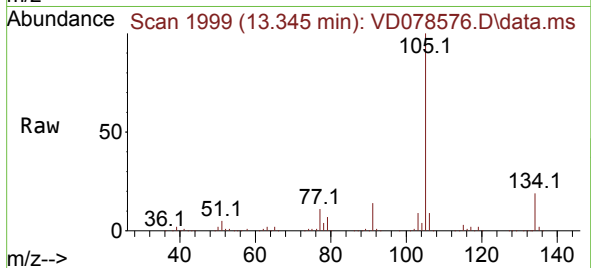
VSTDICCC050

Tgt Ion:105 Resp: 445044

Ion Ratio Lower Upper

105 100

134 19.9 10.9 32.9



#86

p-Isopropyltoluene

Concen: 53.394 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

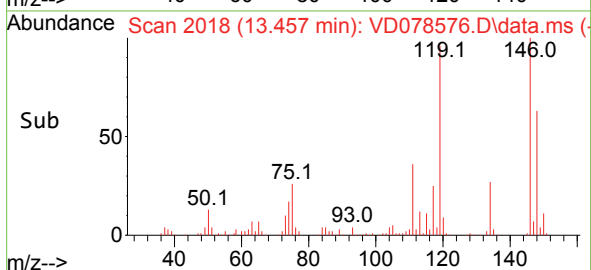
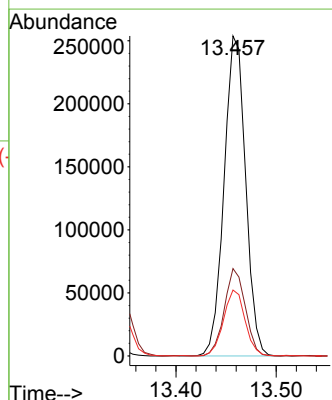
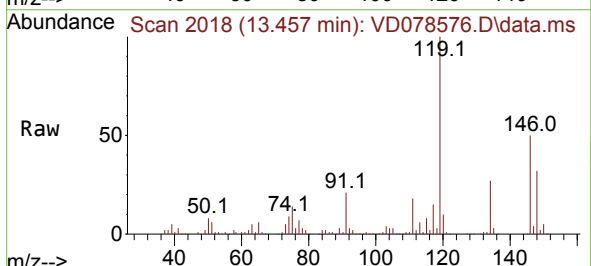
Tgt Ion:119 Resp: 378624

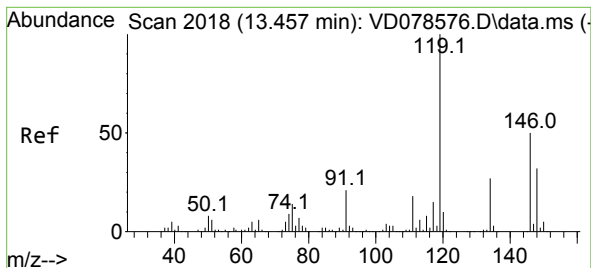
Ion Ratio Lower Upper

119 100

134 26.6 14.2 42.6

91 20.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 49.698 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

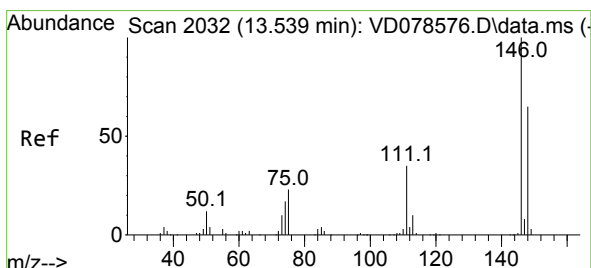
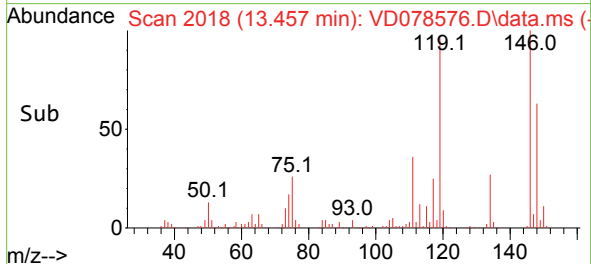
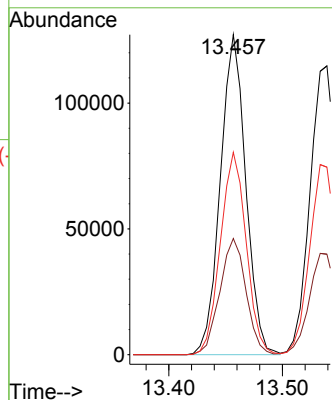
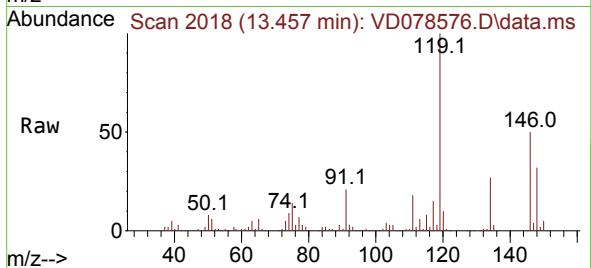
Tgt Ion:146 Resp: 197909

Ion Ratio Lower Upper

146 100

111 37.4 17.9 53.8

148 64.2 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 47.929 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

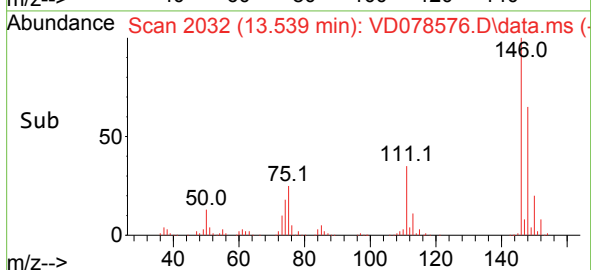
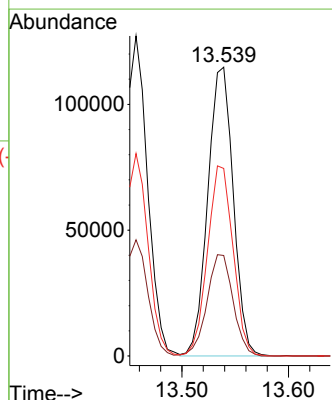
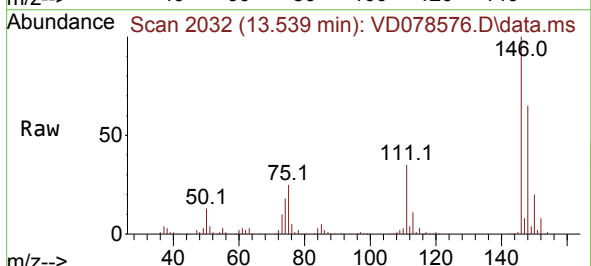
Tgt Ion:146 Resp: 191223

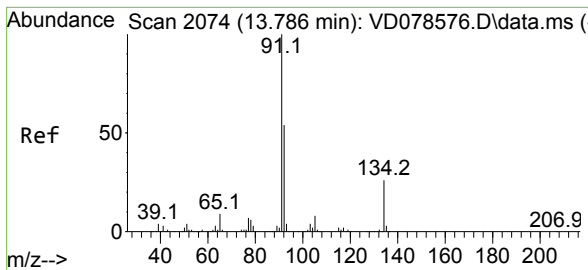
Ion Ratio Lower Upper

146 100

111 35.9 17.4 52.3

148 66.0 31.7 95.1

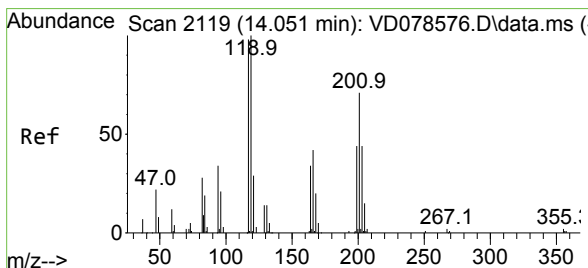
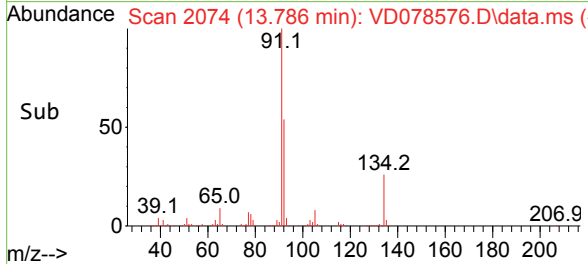
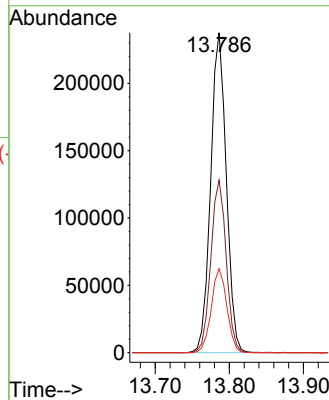
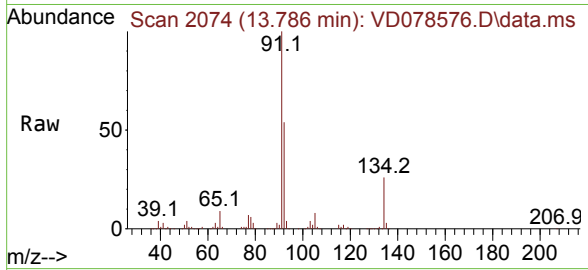




#89
n-Butylbenzene
Concen: 52.426 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

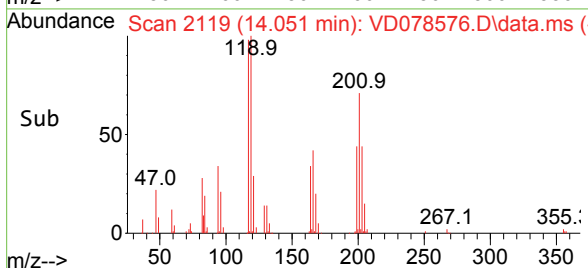
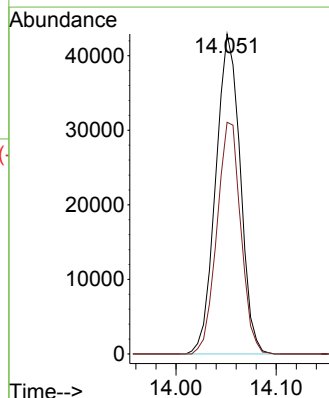
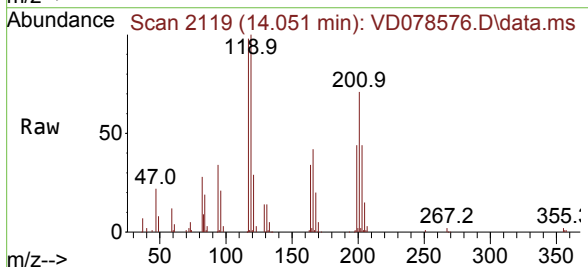
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

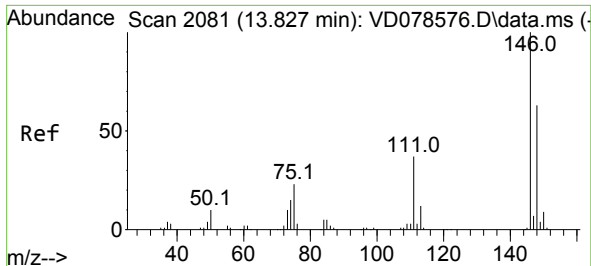
Tgt Ion: 91 Resp: 347421
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 26.2 13.8 41.3



#90
Hexachloroethane
Concen: 50.459 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion: 117 Resp: 72754
Ion Ratio Lower Upper
117 100
201 70.7 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 49.754 ug/l

RT: 13.827 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

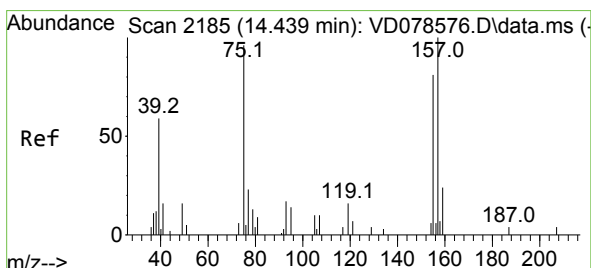
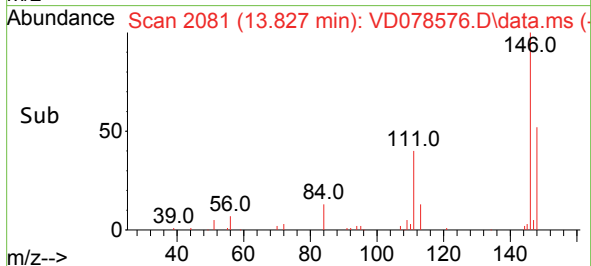
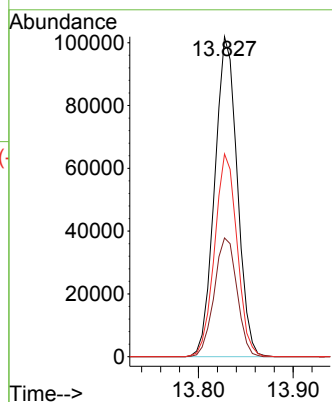
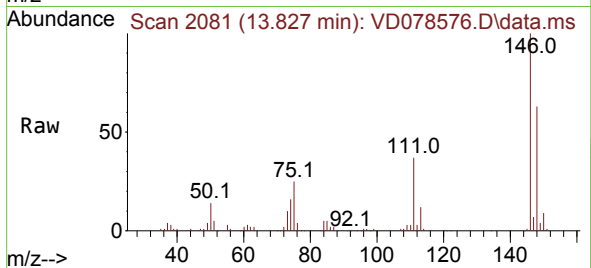
Tgt Ion:146 Resp: 168301

Ion Ratio Lower Upper

146 100

111 37.6 18.3 54.8

148 63.2 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.272 ug/l

RT: 14.439 min Scan# 2185

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

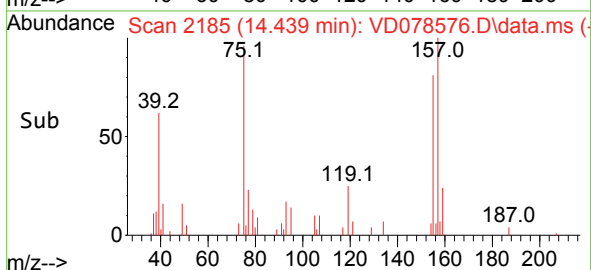
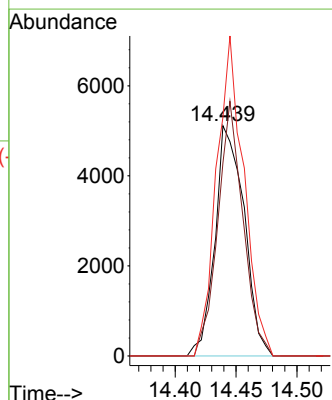
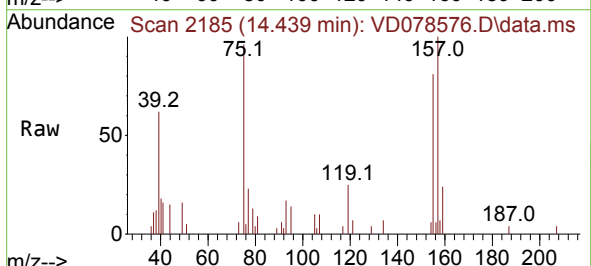
Tgt Ion: 75 Resp: 8515

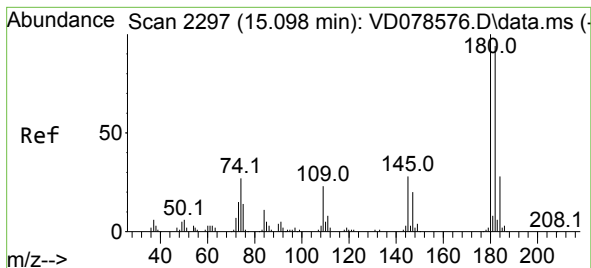
Ion Ratio Lower Upper

75 100

155 95.7 47.9 143.8

157 129.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 49.939 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

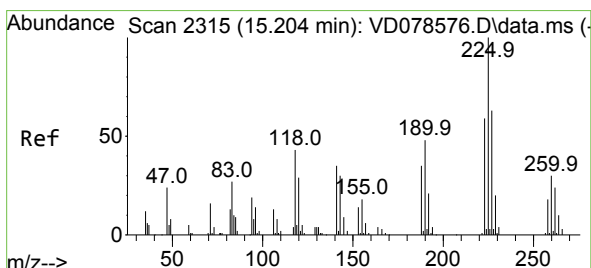
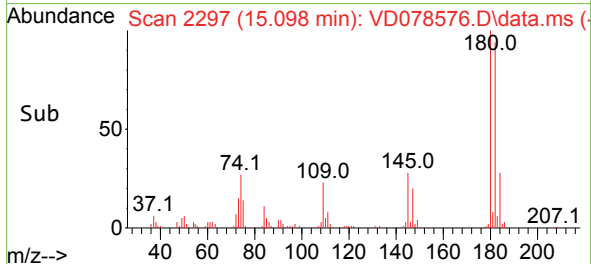
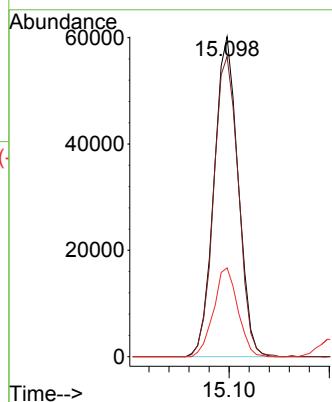
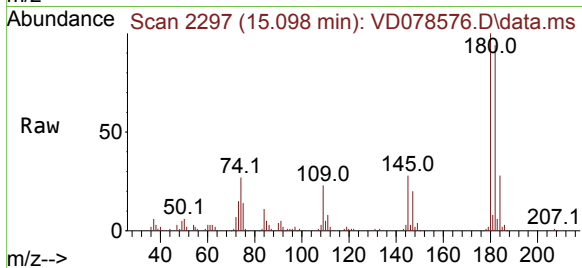
Tgt Ion:180 Resp: 100031

Ion Ratio Lower Upper

180 100

182 96.2 48.5 145.6

145 27.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.605 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078576.D

Acq: 01 Mar 2024 13:38

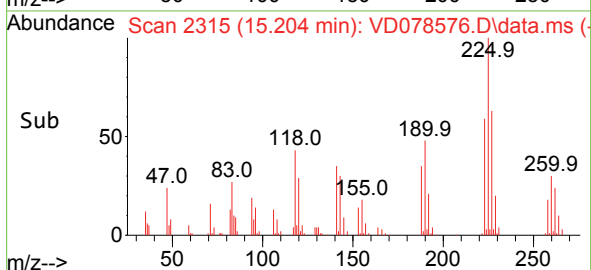
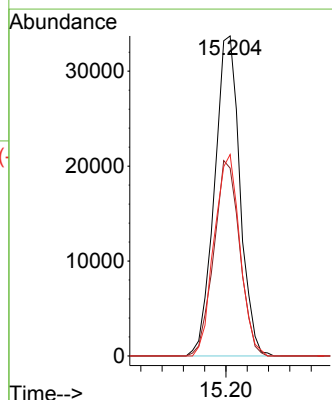
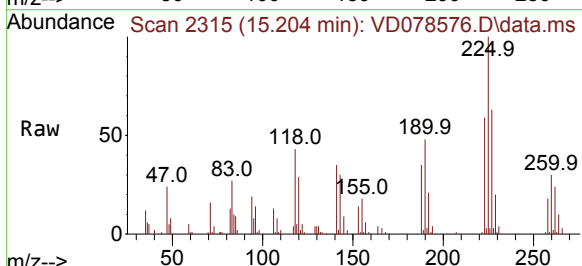
Tgt Ion:225 Resp: 55773

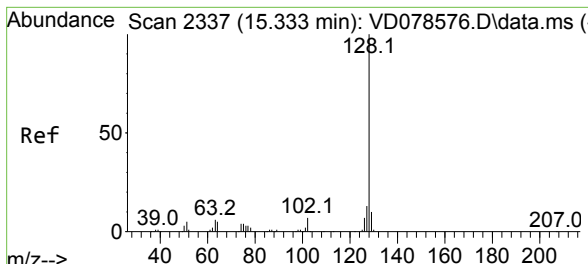
Ion Ratio Lower Upper

225 100

223 62.1 31.6 94.8

227 63.7 31.7 95.1

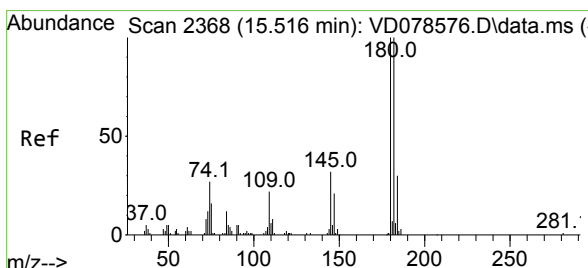
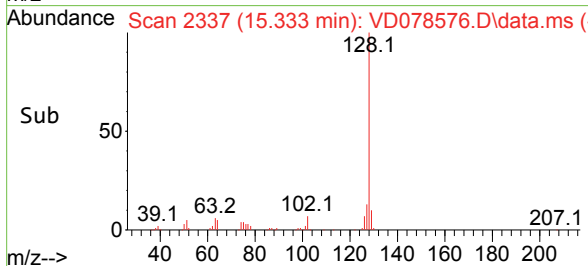
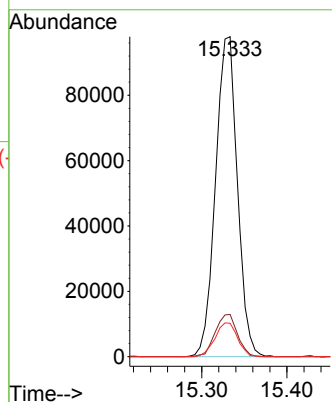
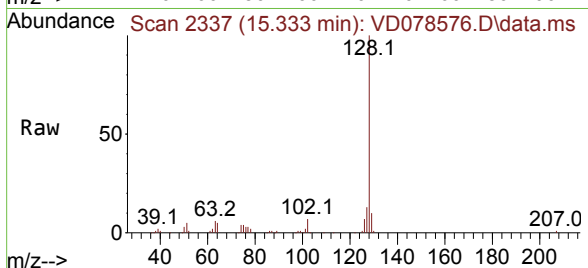




#95
Naphthalene
Concen: 49.254 ug/l
RT: 15.333 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 174334
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.432 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD078576.D
Acq: 01 Mar 2024 13:38

Tgt Ion:180 Resp: 87936
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.9
145 31.0 15.1 45.3

