

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
 Data File : VD078143.D
 Acq On : 11 Jan 2024 09:23
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 12 00:33:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	101702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	168917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	153902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	76741	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	47048	43.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.880%
35) Dibromofluoromethane	7.804	113	52041	42.748	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.500%
50) Toluene-d8	10.269	98	179090	43.865	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.740%
62) 4-Bromofluorobenzene	12.575	95	58975	41.496	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	37583	44.632	ug/l	98
3) Chloromethane	2.152	50	54968	42.505	ug/l	97
4) Vinyl Chloride	2.287	62	82044	45.114	ug/l	98
5) Bromomethane	2.699	94	59158	42.371	ug/l	100
6) Chloroethane	2.840	64	63549	47.062	ug/l	99
7) Trichlorofluoromethane	3.181	101	87973	44.023	ug/l	95
8) Diethyl Ether	3.599	74	22279	42.517	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.969	101	53851	45.336	ug/l	96
10) Methyl Iodide	4.169	142	48551	43.090	ug/l #	89
11) Tert butyl alcohol	5.040	59	14085	258.223	ug/l #	87
12) 1,1-Dichloroethene	3.946	96	46508	46.239	ug/l	89
13) Acrolein	3.799	56	21820	268.374	ug/l	98
14) Allyl chloride	4.563	41	61361	45.667	ug/l	88
15) Acrylonitrile	5.252	53	57999	236.580	ug/l	98
16) Acetone	4.016	43	71523	302.607	ug/l #	82
17) Carbon Disulfide	4.281	76	100587	44.871	ug/l	99
18) Methyl Acetate	4.569	43	52170	54.132	ug/l	88
19) Methyl tert-butyl Ether	5.322	73	117474	48.478	ug/l	96
20) Methylene Chloride	4.804	84	59789	45.547	ug/l #	85
21) trans-1,2-Dichloroethene	5.322	96	53309	46.571	ug/l	99
22) Diisopropyl ether	6.222	45	155338	49.165	ug/l	96
23) Vinyl Acetate	6.157	43	275296	193.964	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	102509	46.502	ug/l	97
25) 2-Butanone	7.081	43	80176	242.407	ug/l	90
26) 2,2-Dichloropropane	7.081	77	93160	47.244	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	67043	47.638	ug/l	90
28) Bromochloromethane	7.434	49	46999	58.802	ug/l #	79
29) Tetrahydrofuran	7.440	42	41514	239.246	ug/l #	86
30) Chloroform	7.598	83	111090	46.493	ug/l	97
31) Cyclohexane	7.887	56	70352	43.425	ug/l	84
32) 1,1,1-Trichloroethane	7.798	97	98153	47.491	ug/l	99
36) 1,1-Dichloropropene	8.010	75	76855	46.756	ug/l	95
37) Ethyl Acetate	7.169	43	30306	46.846	ug/l #	92
38) Carbon Tetrachloride	7.993	117	86131	45.497	ug/l	97
39) Methylcyclohexane	9.275	83	79627	44.019	ug/l	91
40) Benzene	8.251	78	228436	46.559	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	12162	32.026	ug/l #	62
42) 1,2-Dichloroethane	8.328	62	65249	47.256	ug/l	94
43) Isopropyl Acetate	8.363	43	60644	48.627	ug/l #	88
44) Trichloroethene	9.034	130	59859	45.120	ug/l	98
45) 1,2-Dichloropropane	9.310	63	59897	47.335	ug/l	100
46) Dibromomethane	9.392	93	34320	49.024	ug/l	91
47) Bromodichloromethane	9.587	83	88537	47.570	ug/l	98
48) Methyl methacrylate	9.381	41	35320	51.247	ug/l #	72
49) 1,4-Dioxane	9.387	88	6566	1072.930	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	162274	251.141	ug/l #	86
52) Toluene	10.334	92	145661	47.008	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	78741	47.668	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	93773	49.755	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	46587	47.446	ug/l	98
56) Ethyl methacrylate	10.598	69	36199	47.306	ug/l #	79
57) 1,3-Dichloropropane	10.881	76	77218	48.452	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	101502	290.500	ug/l	99
59) 2-Hexanone	10.922	43	124253	255.764	ug/l	87
60) Dibromochloromethane	11.075	129	57302	46.187	ug/l	94
61) 1,2-Dibromoethane	11.181	107	42013	46.475	ug/l	96
64) Tetrachloroethene	10.816	164	46262	44.396	ug/l	95
65) Chlorobenzene	11.610	112	162686	45.943	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	63734	46.335	ug/l	97
67) Ethyl Benzene	11.686	91	290046	46.642	ug/l	95
68) m/p-Xylenes	11.792	106	225094	93.907	ug/l	91
69) o-Xylene	12.122	106	102242	46.062	ug/l	88
70) Styrene	12.134	104	160701	47.625	ug/l	94
71) Bromoform	12.298	173	31227	44.916	ug/l #	95
73) Isopropylbenzene	12.422	105	283992	46.542	ug/l	96
74) N-amyl acetate	12.233	43	51148	45.832	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	54705	47.644	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	64687	85.616	ug/l #	100
77) Bromobenzene	12.704	156	62908	44.880	ug/l	88
78) n-propylbenzene	12.763	91	343182	46.400	ug/l	96
79) 2-Chlorotoluene	12.851	91	182432	46.359	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	237246	46.849	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	15826	46.680	ug/l	93
82) 4-Chlorotoluene	12.951	91	196628	46.453	ug/l	95
83) tert-Butylbenzene	13.169	119	204868	46.208	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	240277	47.793	ug/l	94
85) sec-Butylbenzene	13.345	105	305853	47.085	ug/l	95
86) p-Isopropyltoluene	13.463	119	268432	46.670	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	132679	45.621	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	130213	45.328	ug/l	97
89) n-Butylbenzene	13.792	91	251911	46.121	ug/l	98
90) Hexachloroethane	14.057	117	53652	45.385	ug/l	89
91) 1,2-Dichlorobenzene	13.833	146	114921	45.808	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	7353	47.261	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	71549	46.058	ug/l	97
94) Hexachlorobutadiene	15.204	225	37424	42.698	ug/l	98
95) Naphthalene	15.339	128	129183	46.909	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	61517	46.434	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jan 09 01:29:14 2024
Response via : Initial Calibration

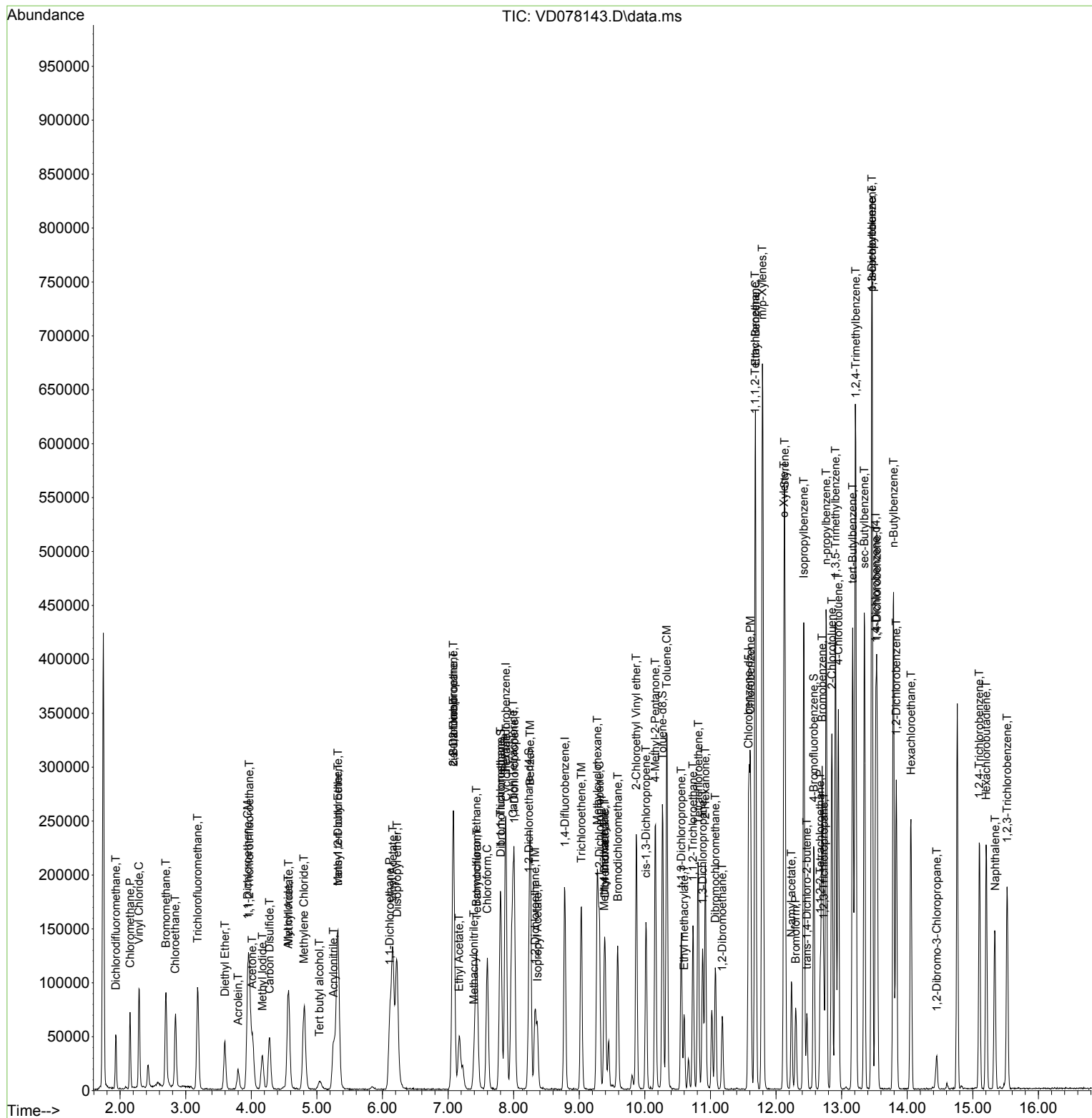
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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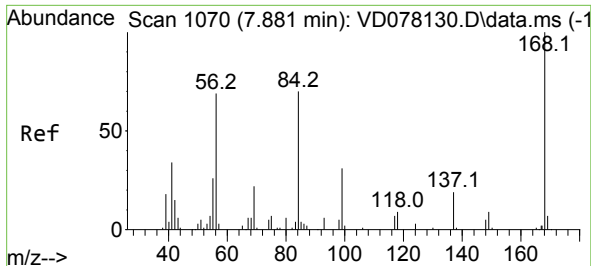
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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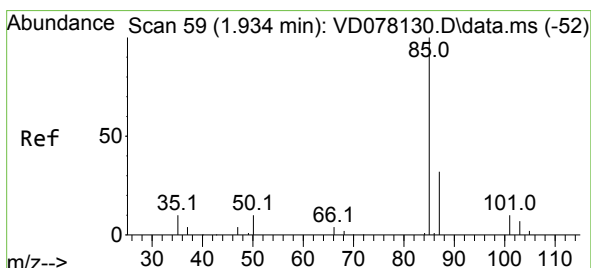
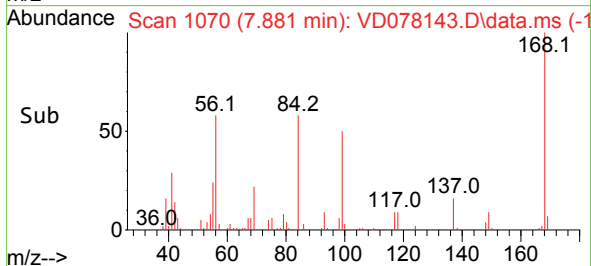
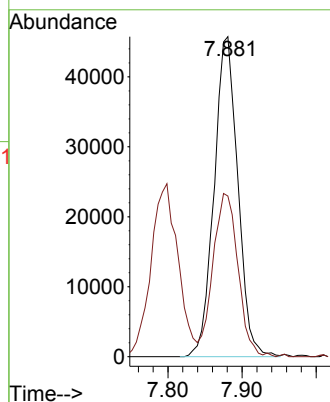
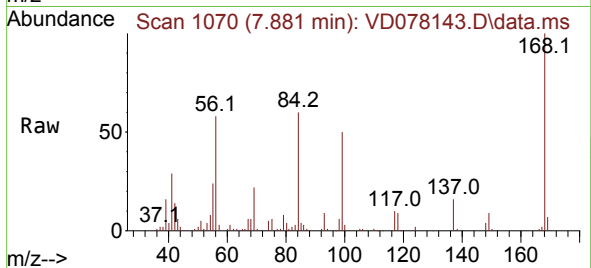




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
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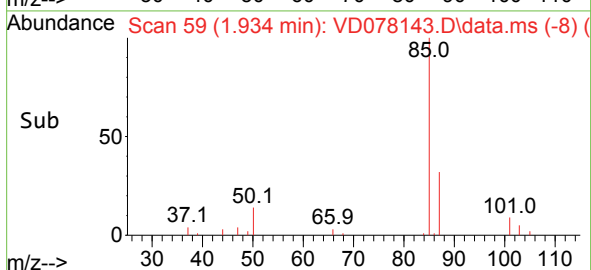
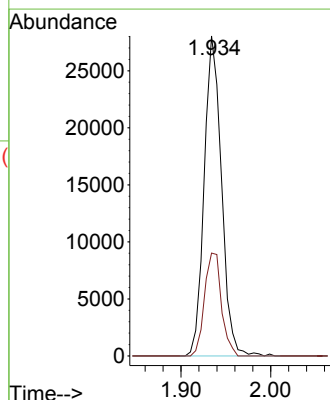
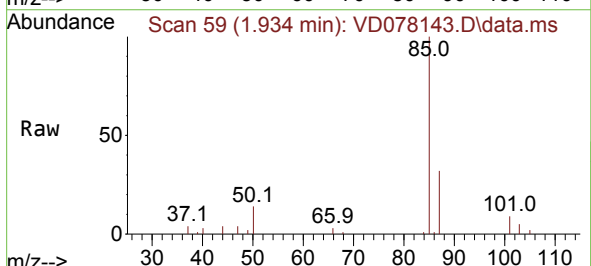
Instrument :
MSVOA_D
ClientSampleId :

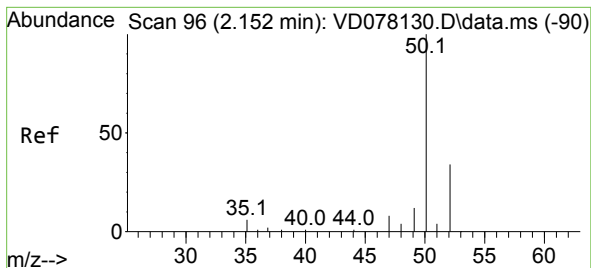
Tgt Ion:168 Resp: 101702
Ion Ratio Lower Upper
168 100
99 49.8 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 44.632 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion: 85 Resp: 37583
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0





#3

Chloromethane

Concen: 42.505 ug/l

RT: 2.152 min Scan# 96

Delta R.T. -0.000 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

Instrument :

MSVOA_D

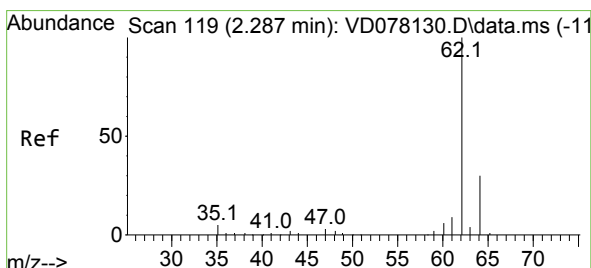
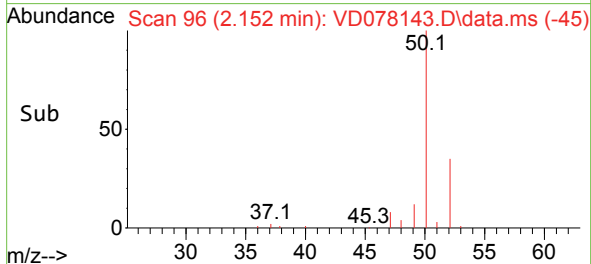
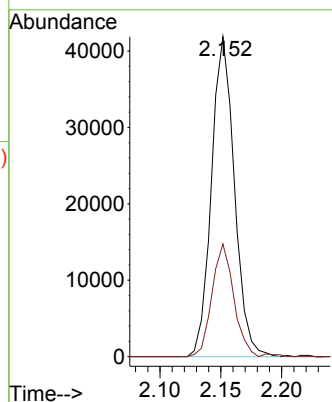
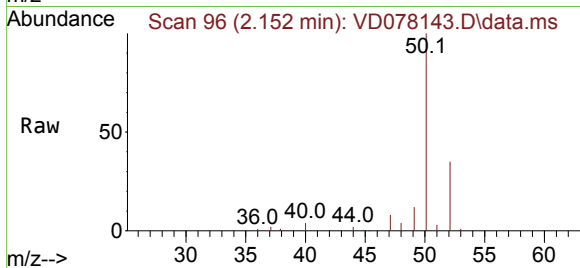
ClientSampleId :

Tgt Ion: 50 Resp: 54968

Ion Ratio Lower Upper

50 100

52 35.2 26.6 40.0



#4

Vinyl Chloride

Concen: 45.114 ug/l

RT: 2.287 min Scan# 119

Delta R.T. -0.000 min

Lab File: VD078143.D

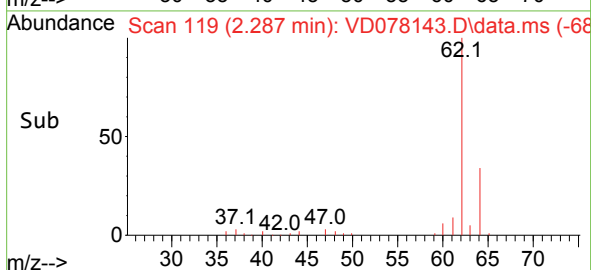
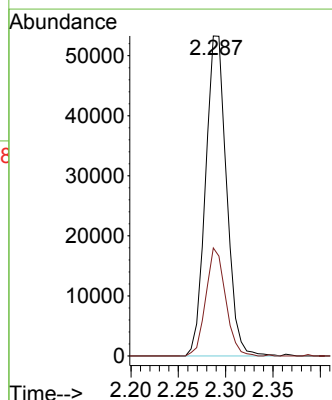
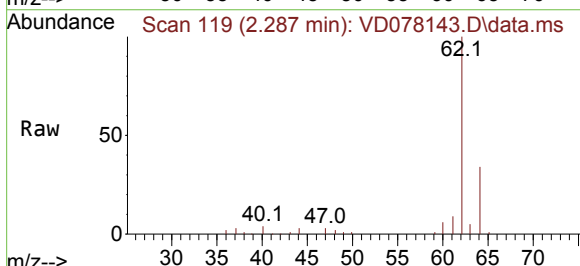
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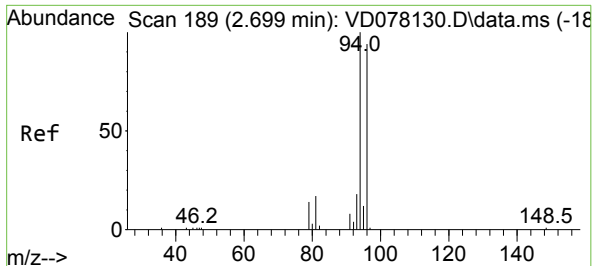
Tgt Ion: 62 Resp: 82044

Ion Ratio Lower Upper

62 100

64 33.7 26.0 39.0

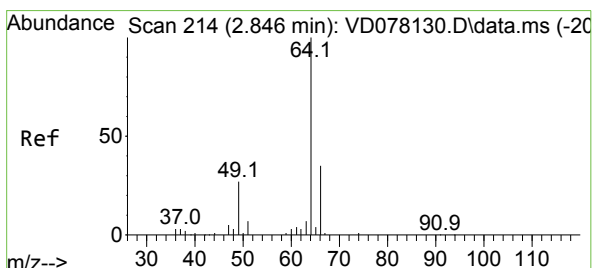
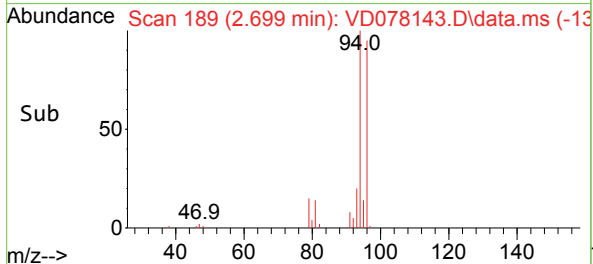
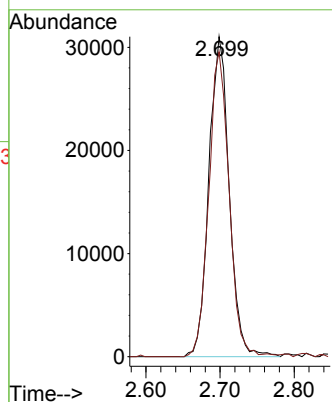
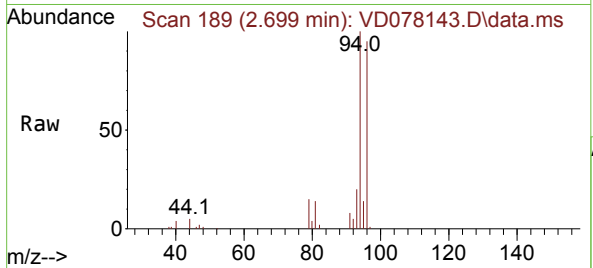




#5
Bromomethane
Concen: 42.371 ug/l
RT: 2.699 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

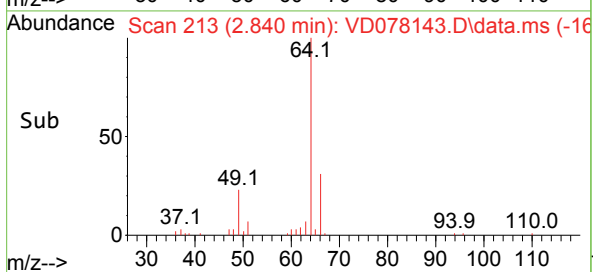
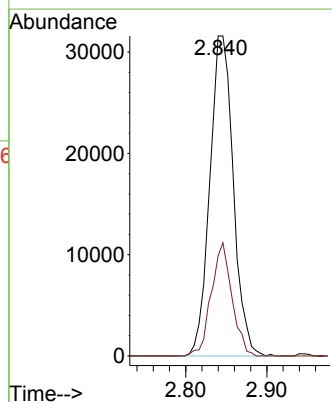
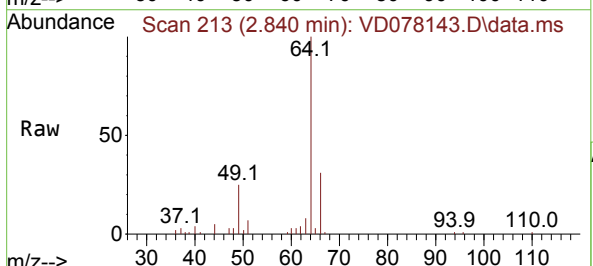
Instrument :
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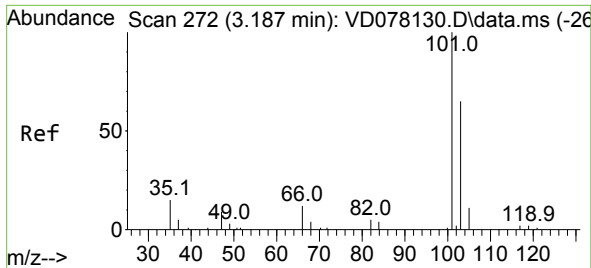
Tgt Ion: 94 Resp: 59158
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.8



#6
Chloroethane
Concen: 47.062 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion: 64 Resp: 63549
Ion Ratio Lower Upper
64 100
66 31.3 25.5 38.3

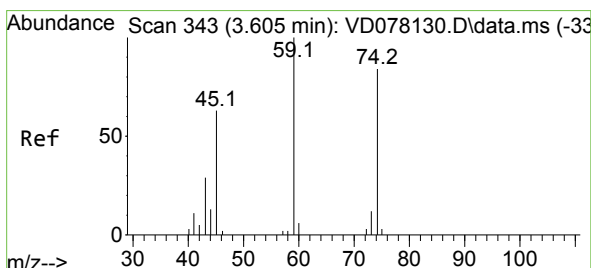
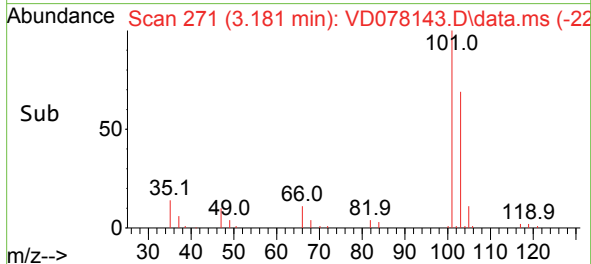
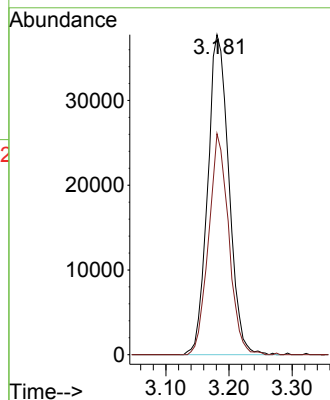
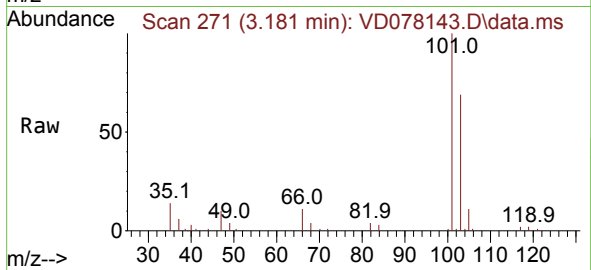




#7
Trichlorofluoromethane
Concen: 44.023 ug/l
RT: 3.181 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

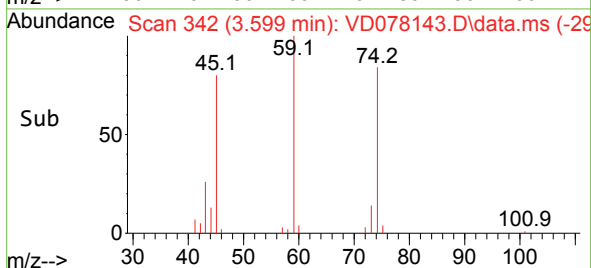
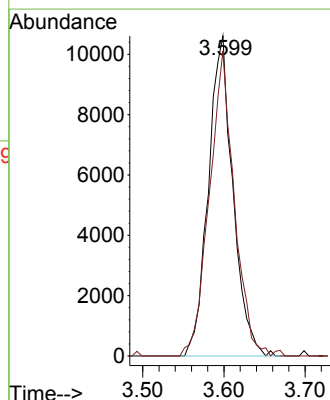
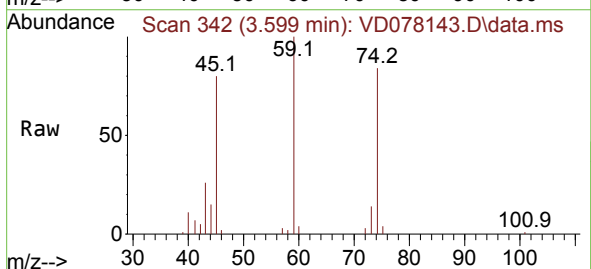
Instrument :
MSVOA_D
ClientSampleId :

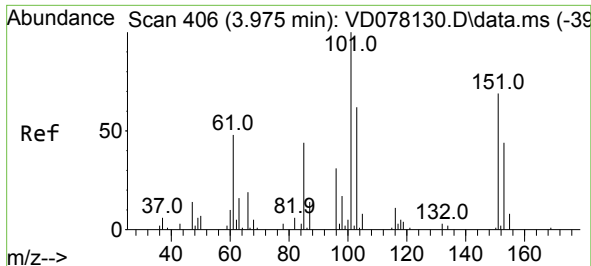
Tgt Ion:101 Resp: 87973
Ion Ratio Lower Upper
101 100
103 69.0 52.3 78.5



#8
Diethyl Ether
Concen: 42.517 ug/l
RT: 3.599 min Scan# 342
Delta R.T. -0.006 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion: 74 Resp: 22279
Ion Ratio Lower Upper
74 100
45 96.6 37.5 112.7

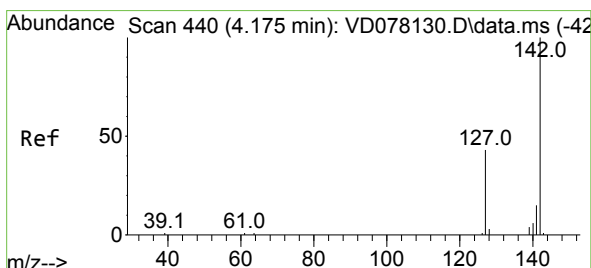
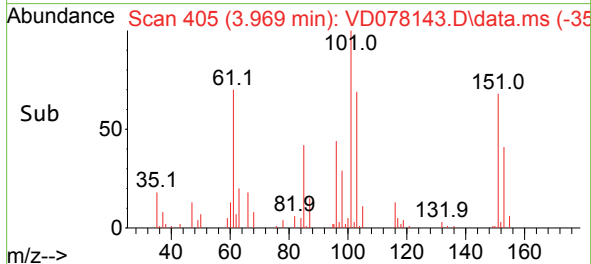
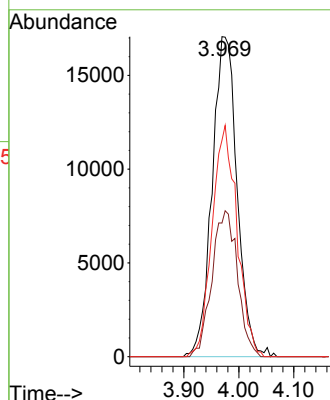
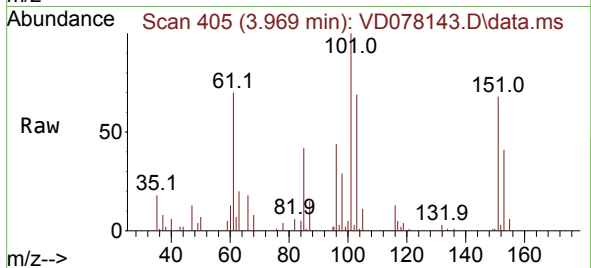




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.336 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

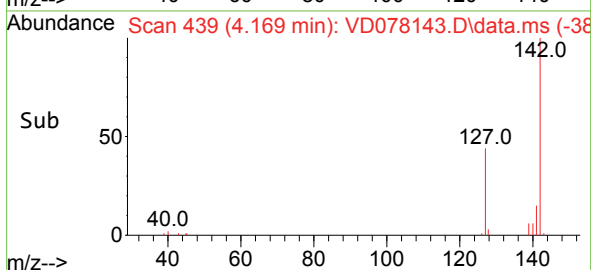
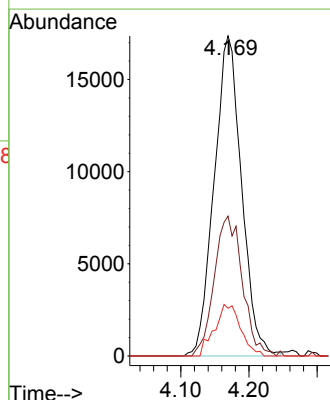
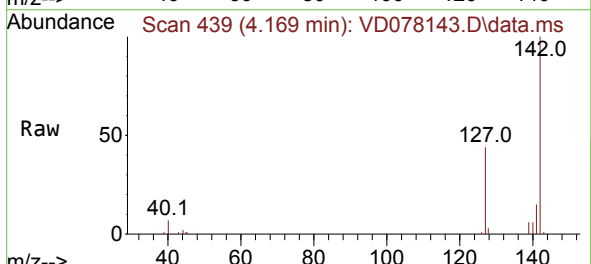
Instrument :
MSVOA_D
ClientSampleId :

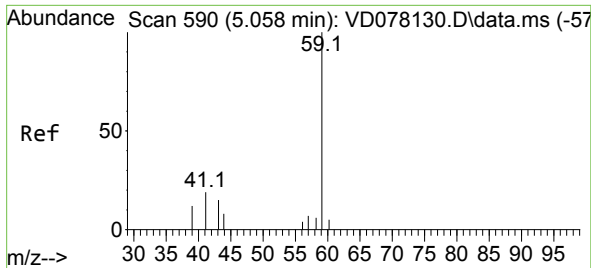
Tgt Ion:101 Resp: 53851
Ion Ratio Lower Upper
101 100
85 46.7 33.8 50.6
151 72.1 59.8 89.6



#10
Methyl Iodide
Concen: 43.090 ug/l
RT: 4.169 min Scan# 439
Delta R.T. -0.006 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

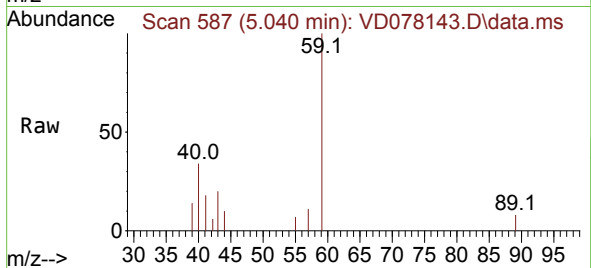
Tgt Ion:142 Resp: 48551
Ion Ratio Lower Upper
142 100
127 44.8 29.4 44.0#
141 15.3 11.1 16.7



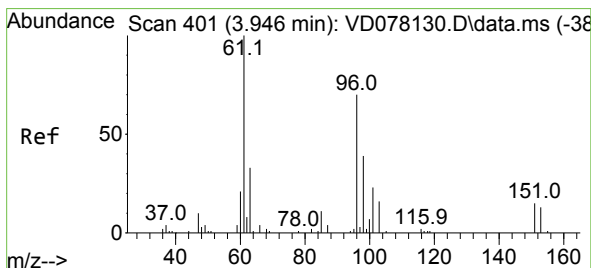
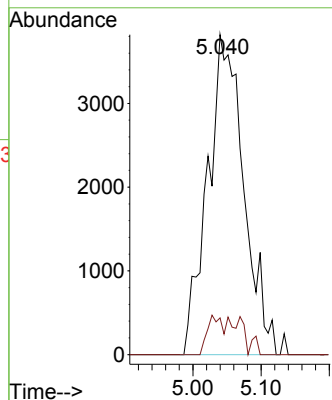
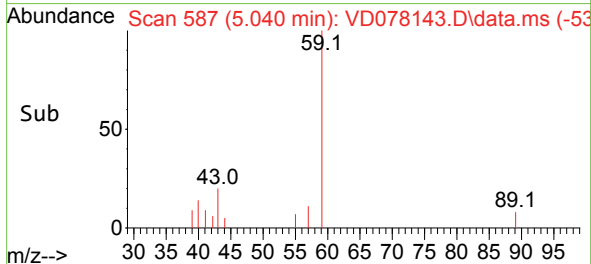


#11
Tert butyl alcohol
Concen: 258.223 ug/l
RT: 5.040 min Scan# 590
Delta R.T. -0.018 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Instrument :
MSVOA_D
ClientSampleId :

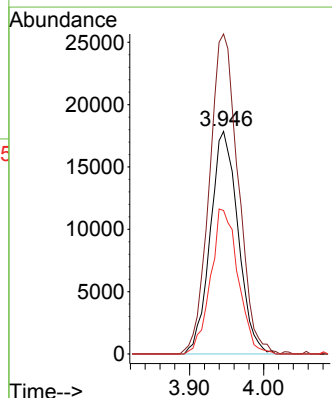
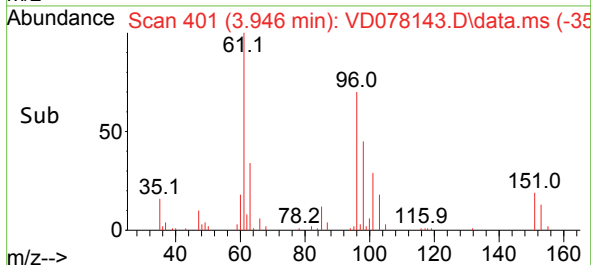
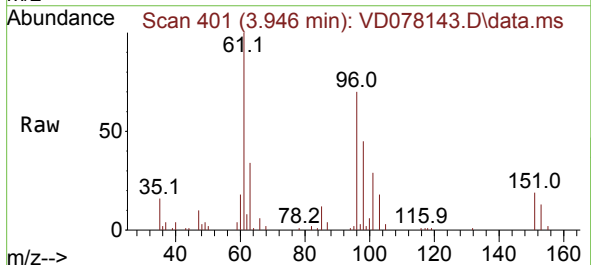


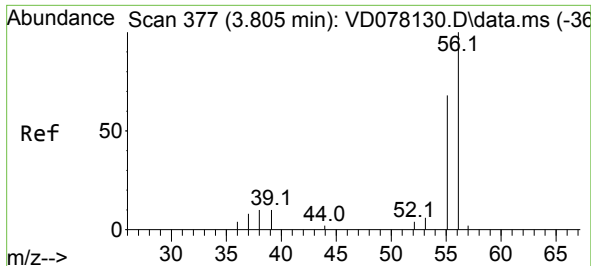
Tgt Ion: 59 Resp: 14085
Ion Ratio Lower Upper
59 100
57 5.1 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 46.239 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion: 96 Resp: 46508
Ion Ratio Lower Upper
96 100
61 143.8 100.6 150.8
98 64.5 50.2 75.2





#13

Acrolein

Concen: 268.374 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

Instrument :

MSVOA_D

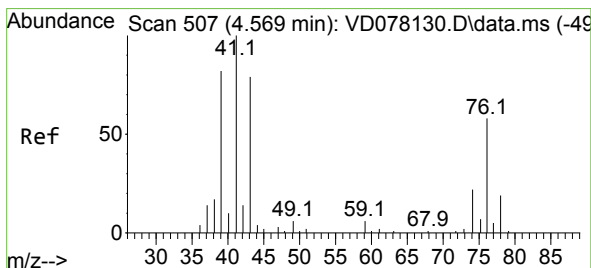
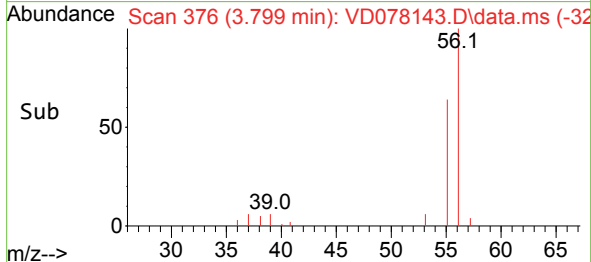
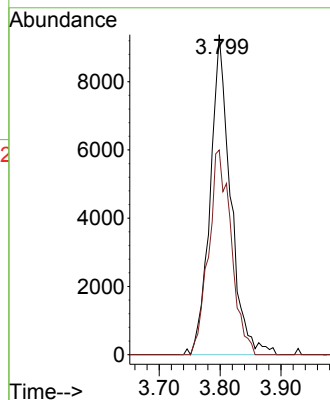
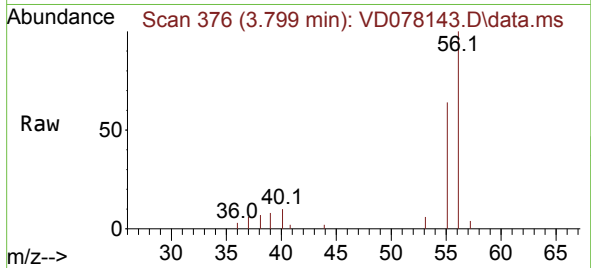
ClientSampleId :

Tgt Ion: 56 Resp: 21820

Ion Ratio Lower Upper

56 100

55 70.7 55.1 82.7



#14

Allyl chloride

Concen: 45.667 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

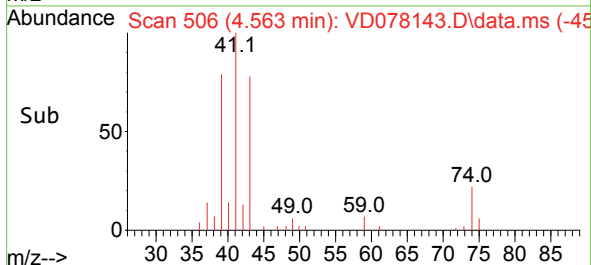
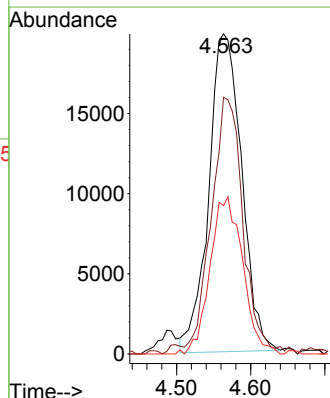
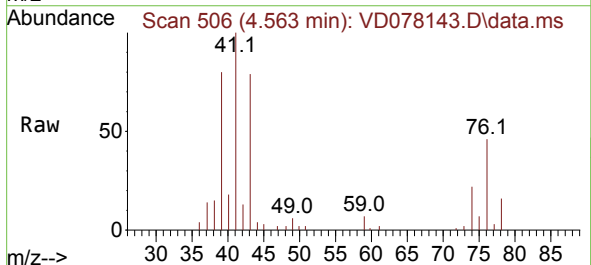
Tgt Ion: 41 Resp: 61361

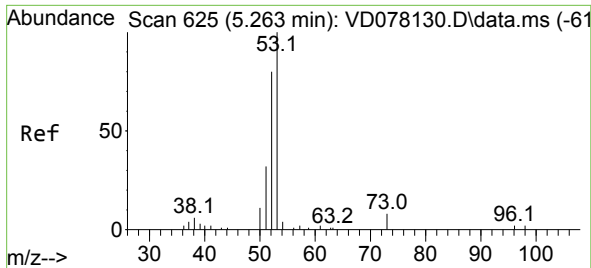
Ion Ratio Lower Upper

41 100

39 77.6 53.8 80.6

76 48.9 45.8 68.8

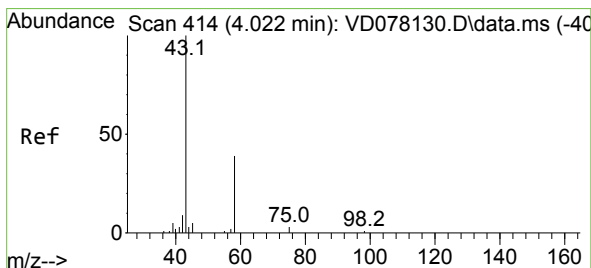
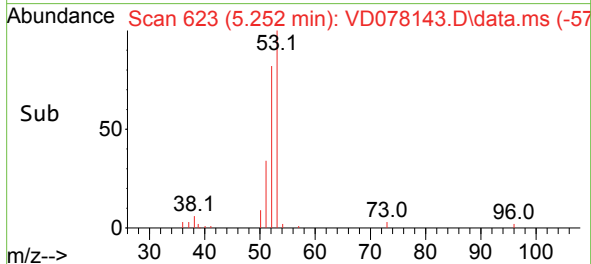
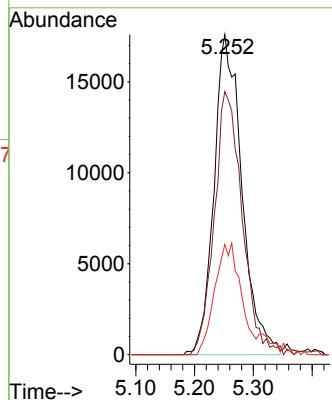
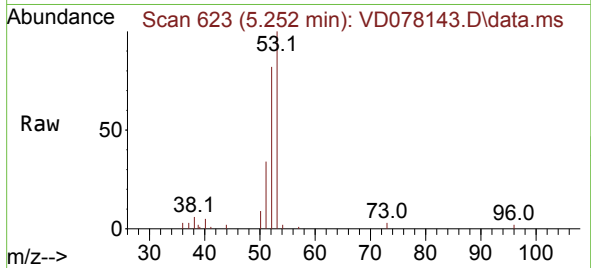




#15
Acrylonitrile
Concen: 236.580 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

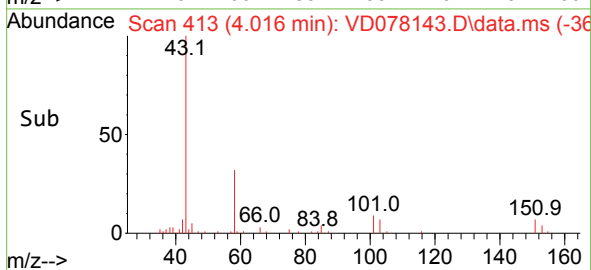
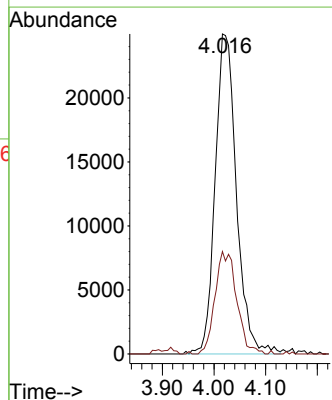
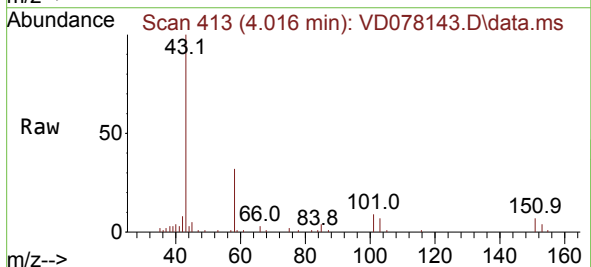
Instrument :
MSVOA_D
ClientSampleId :

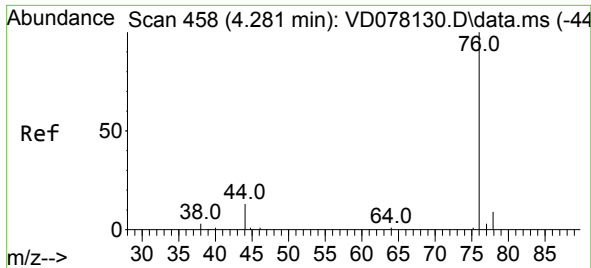
Tgt Ion: 53	Resp: 57999
Ion Ratio	Lower Upper
53	100
52	82.3 65.0 97.4
51	32.7 28.3 42.5



#16
Acetone
Concen: 302.607 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

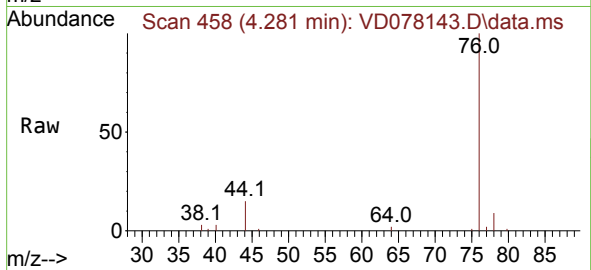
Tgt Ion: 43	Resp: 71523
Ion Ratio	Lower Upper
43	100
58	32.0 34.7 52.1#



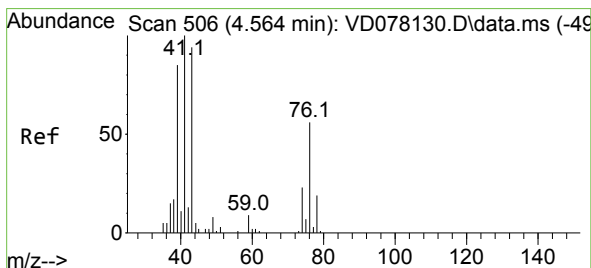
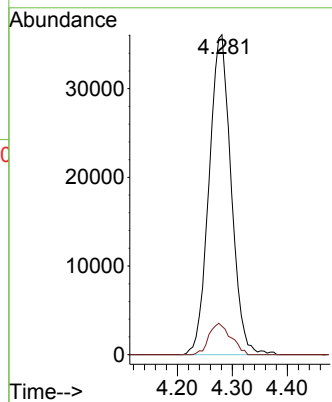
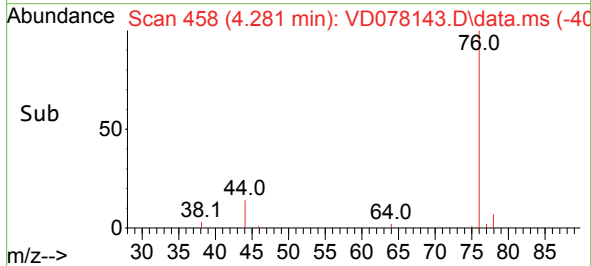


#17
Carbon Disulfide
Concen: 44.871 ug/l
RT: 4.281 min Scan# 411
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Instrument :
MSVOA_D
ClientSampleId :

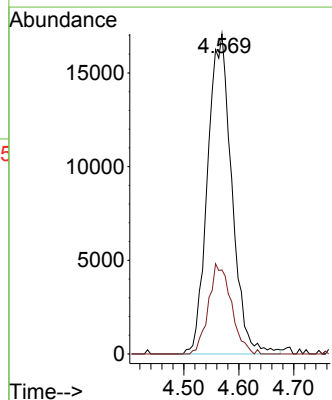
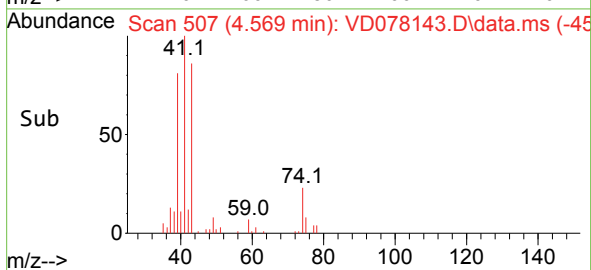
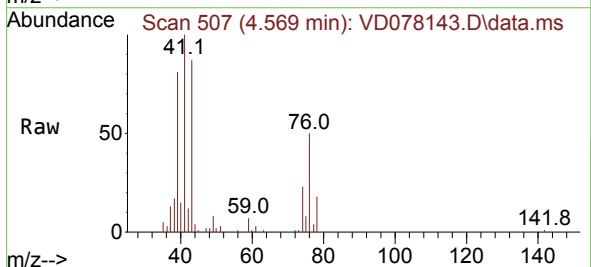


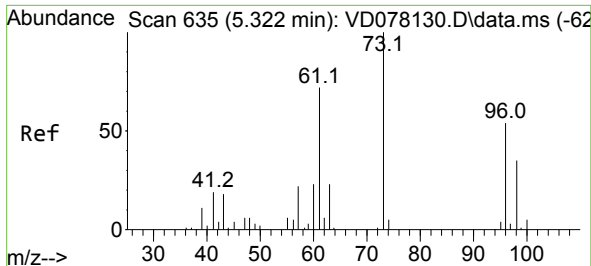
Tgt Ion: 76 Resp: 100587
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 54.132 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion: 43 Resp: 52170
Ion Ratio Lower Upper
43 100
74 26.4 26.4 39.6

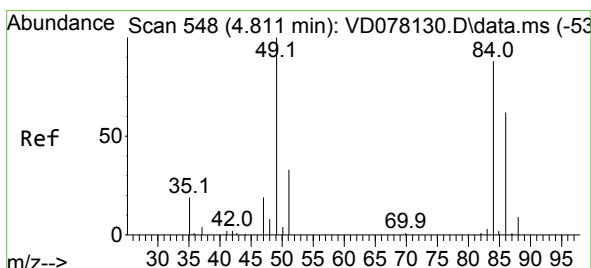
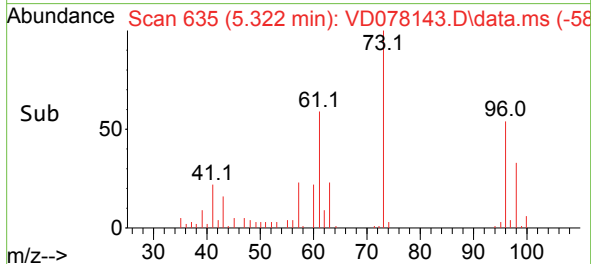
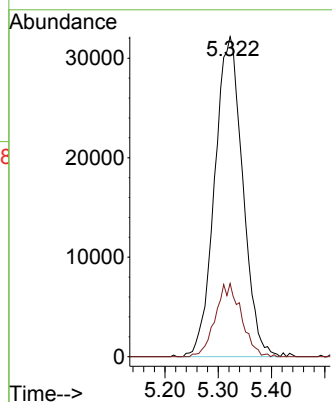
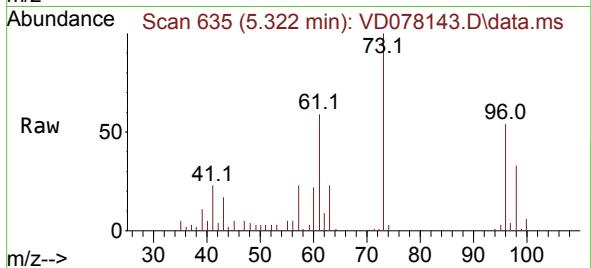




#19
Methyl tert-butyl Ether
Concen: 48.478 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

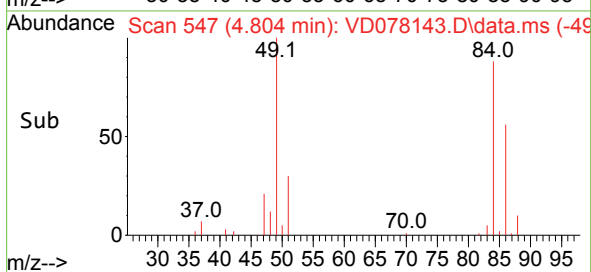
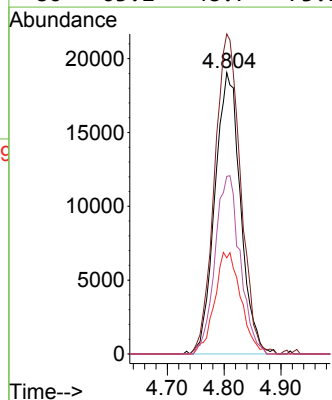
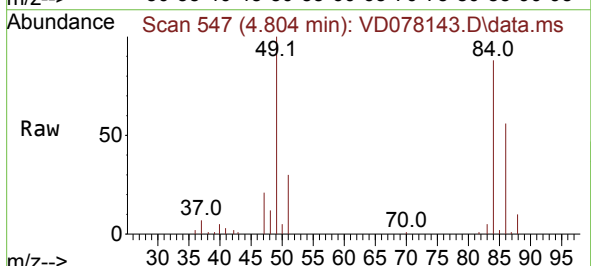
Instrument :
MSVOA_D
ClientSampleId :

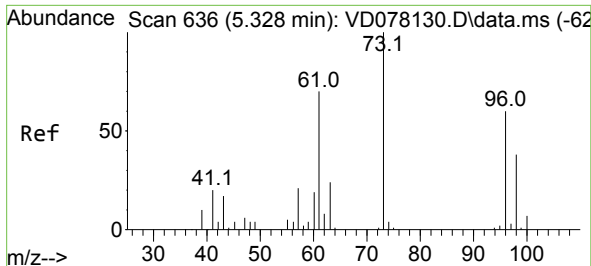
Tgt Ion: 73 Resp: 117474
Ion Ratio Lower Upper
73 100
57 22.9 16.6 25.0



#20
Methylene Chloride
Concen: 45.547 ug/l
RT: 4.804 min Scan# 547
Delta R.T. -0.007 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

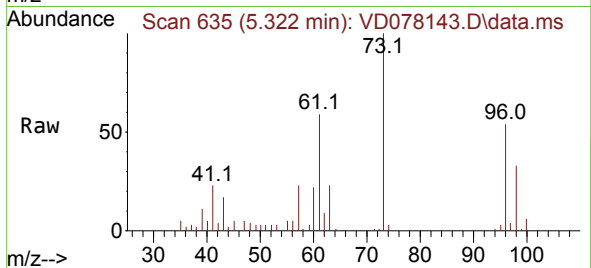
Tgt Ion: 84 Resp: 59789
Ion Ratio Lower Upper
84 100
49 113.8 71.4 107.2#
51 34.2 24.5 36.7
86 63.2 48.7 73.1



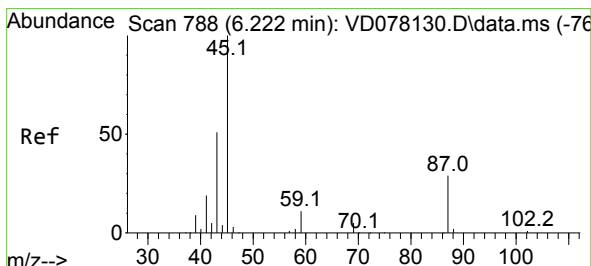
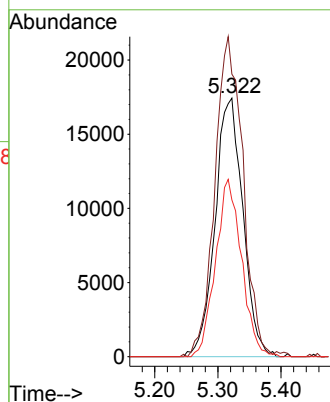
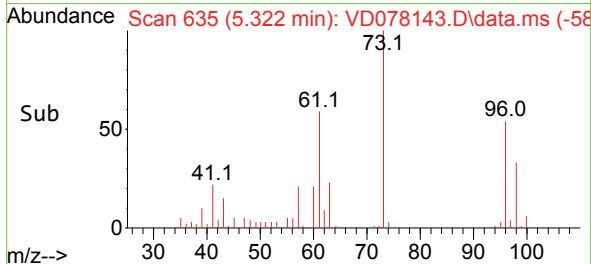


#21
trans-1,2-Dichloroethene
Concen: 46.571 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

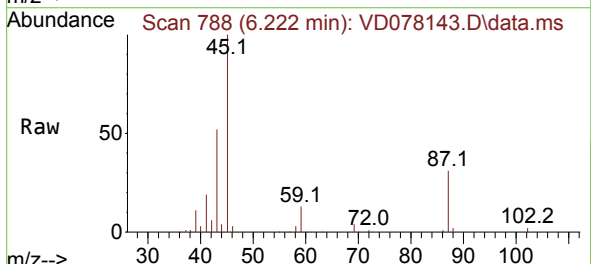
Instrument :
MSVOA_D
ClientSampleId :



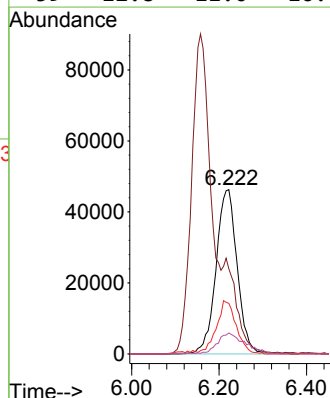
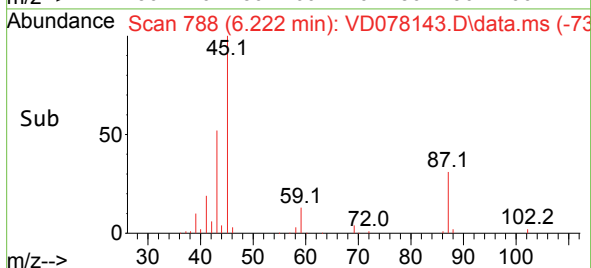
Tgt Ion: 96 Resp: 53309
Ion Ratio Lower Upper
96 100
61 109.3 89.3 133.9
98 60.7 48.6 73.0

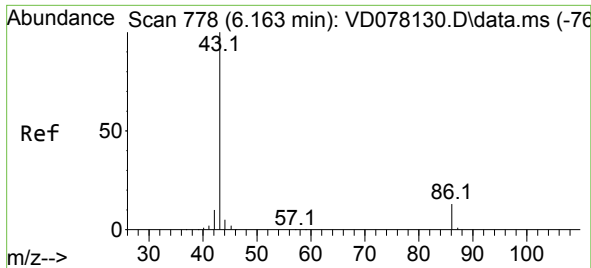


#22
Diisopropyl ether
Concen: 49.165 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23



Tgt Ion: 45 Resp: 155338
Ion Ratio Lower Upper
45 100
43 51.1 40.0 60.0
87 30.8 28.2 42.4
59 12.8 11.0 16.4

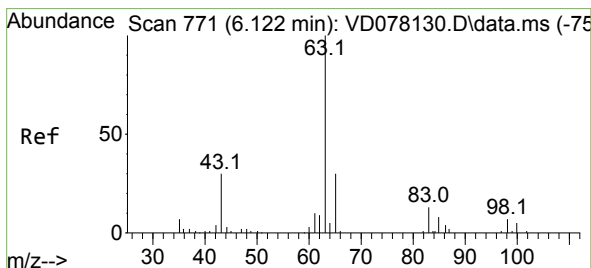
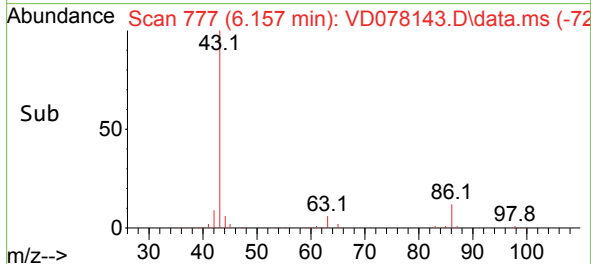
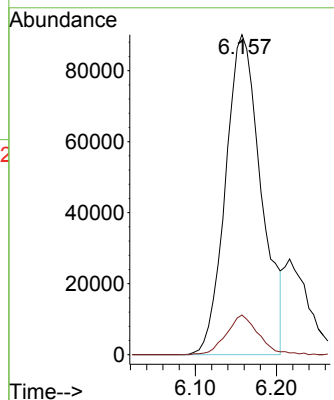
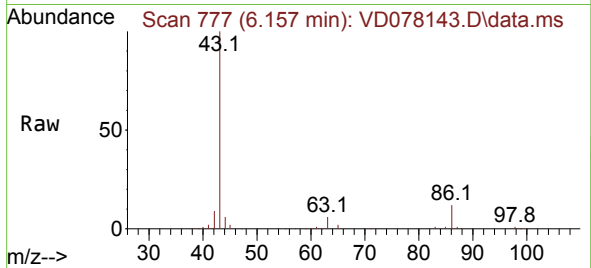




#23
 Vinyl Acetate
 Concen: 193.964 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD078143.D
 Acq: 11 Jan 2024 09:23

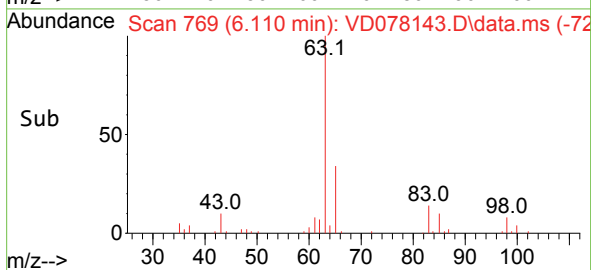
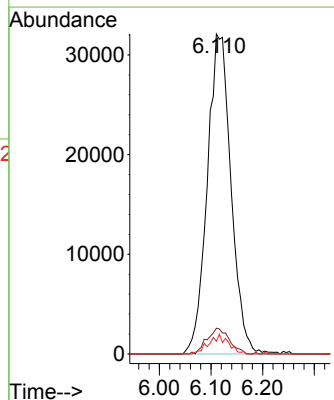
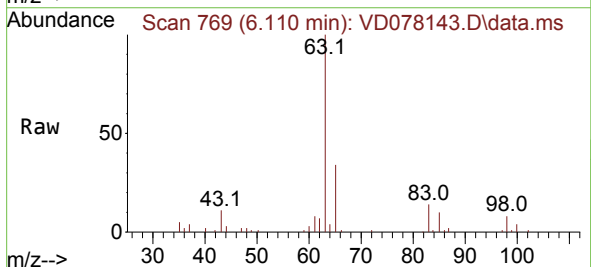
Instrument :
 MSVOA_D
 ClientSampleId :

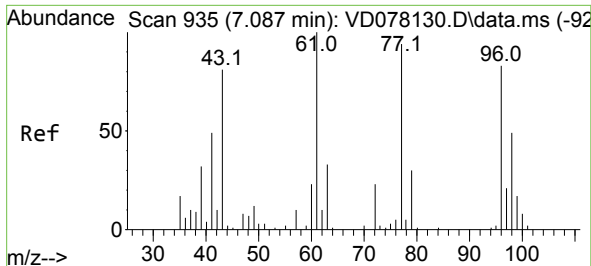
Tgt Ion: 43 Resp: 275296
 Ion Ratio Lower Upper
 43 100
 86 12.4 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 46.502 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.012 min
 Lab File: VD078143.D
 Acq: 11 Jan 2024 09:23

Tgt Ion: 63 Resp: 102509
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.5 13.7
 100 3.9 2.5 7.5

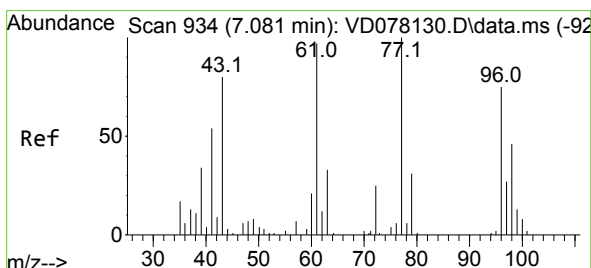
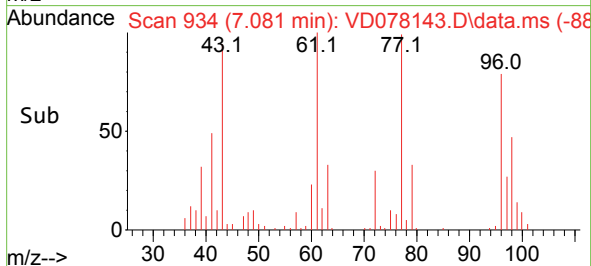
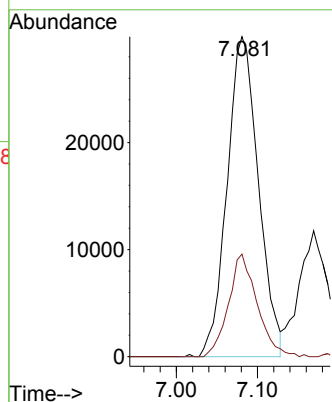
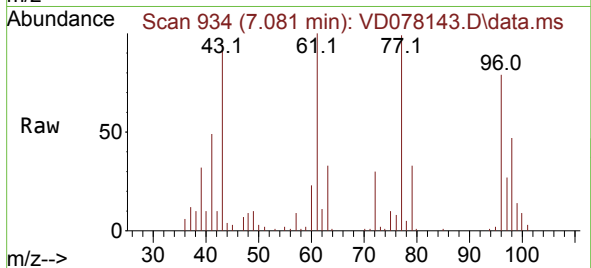




#25
2-Butanone
Concen: 242.407 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

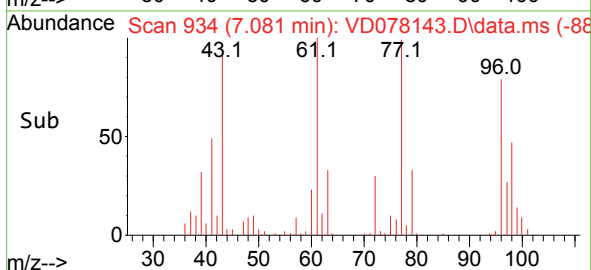
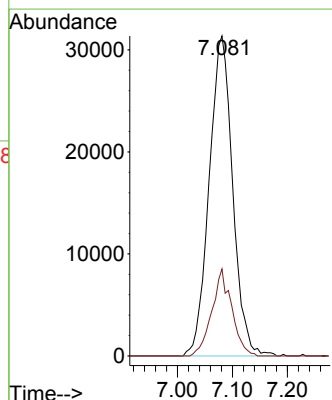
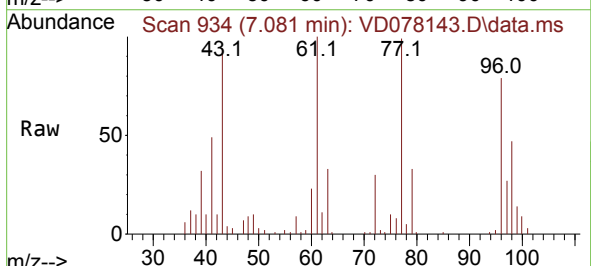
Instrument :
MSVOA_D
ClientSampleId :

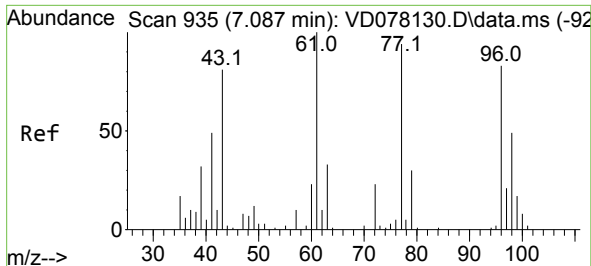
Tgt Ion: 43 Resp: 80176
Ion Ratio Lower Upper
43 100
72 32.1 30.7 46.1



#26
2,2-Dichloropropane
Concen: 47.244 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion: 77 Resp: 93160
Ion Ratio Lower Upper
77 100
97 23.1 13.2 39.6

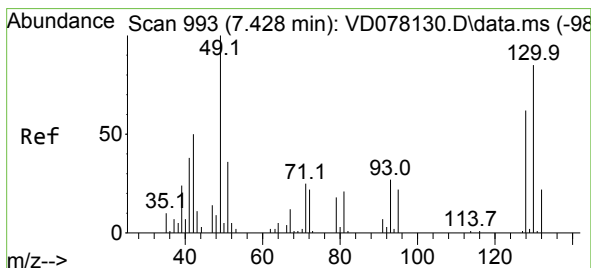
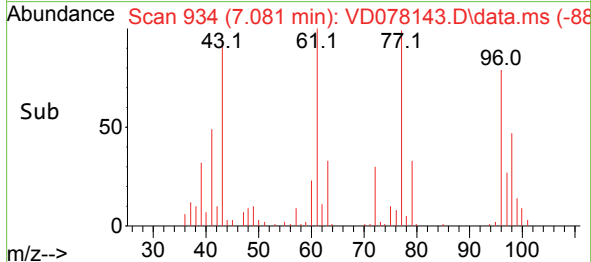
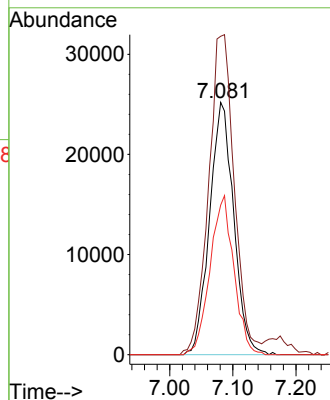
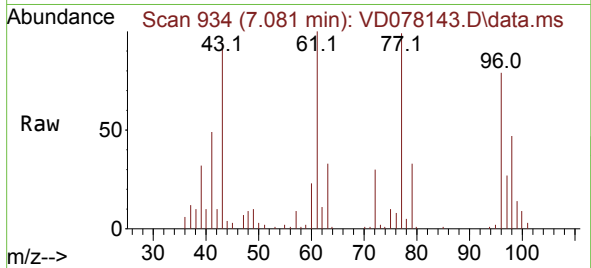




#27
 cis-1,2-Dichloroethene
 Concen: 47.638 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD078143.D
 Acq: 11 Jan 2024 09:23

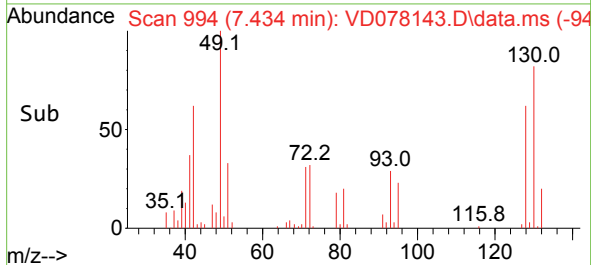
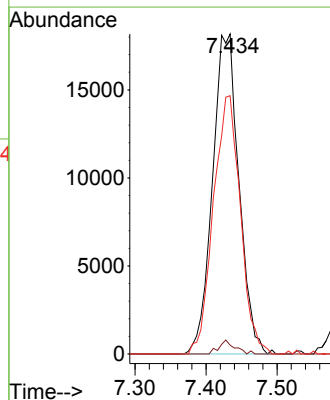
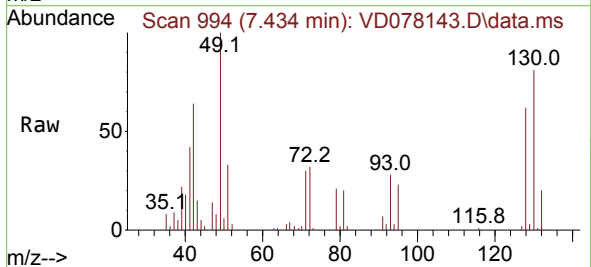
Instrument :
 MSVOA_D
 ClientSampleId :

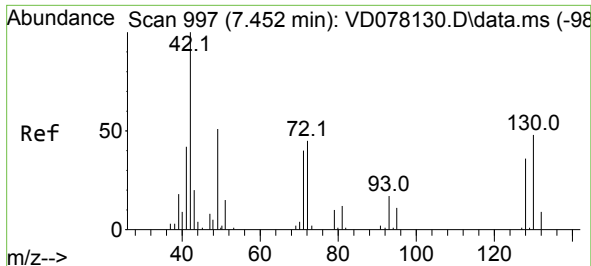
Tgt Ion: 96 Resp: 67043
 Ion Ratio Lower Upper
 96 100
 61 134.9 0.0 239.2
 98 62.1 0.0 128.6



#28
 Bromochloromethane
 Concen: 58.802 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD078143.D
 Acq: 11 Jan 2024 09:23

Tgt Ion: 49 Resp: 46999
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 6.0
 130 82.4 83.2 124.8#





#29

Tetrahydrofuran

Concen: 239.246 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.012 min

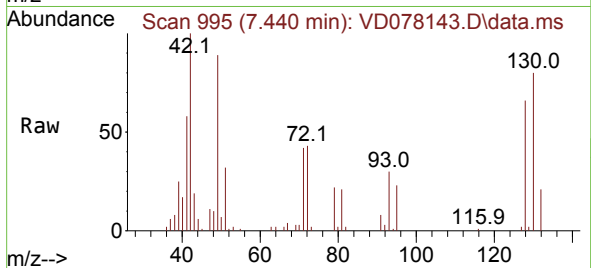
Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

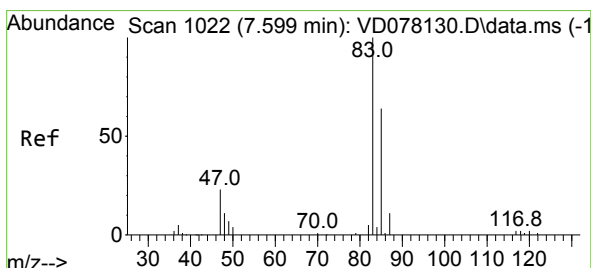
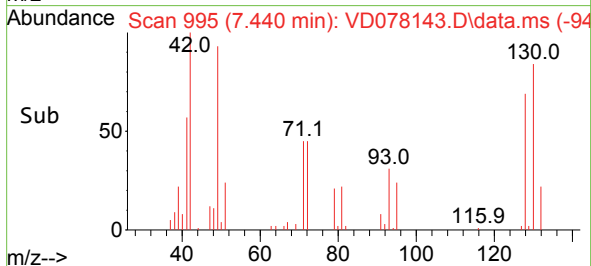
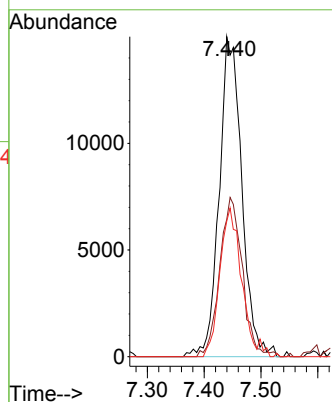
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	41514
Ion Ratio	Lower	Upper	
42	100		
72	49.8	46.5	69.7
71	43.3	44.5	66.7#



#30

Chloroform

Concen: 46.493 ug/l

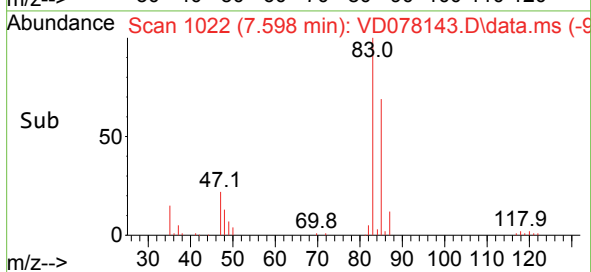
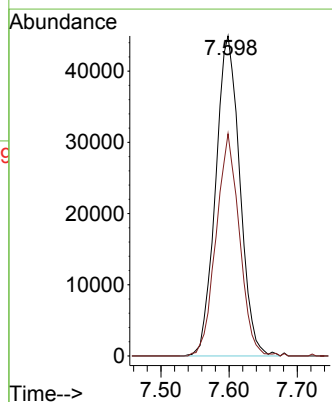
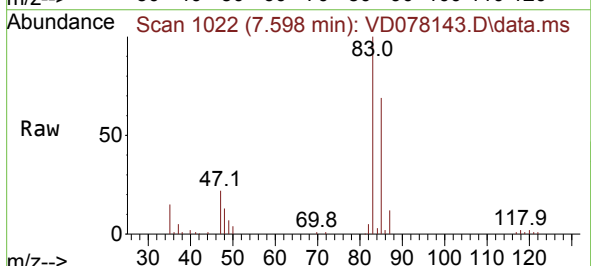
RT: 7.598 min Scan# 1022

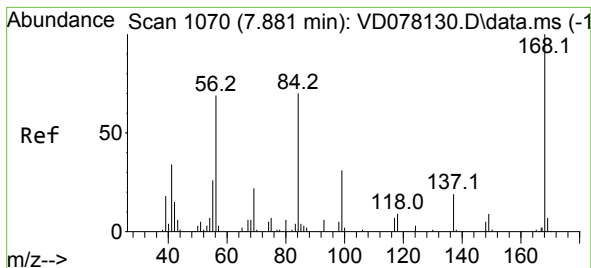
Delta R.T. -0.000 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

Tgt Ion:	83	Resp:	111090
Ion Ratio	Lower	Upper	
83	100		
85	69.4	53.4	80.2





#31

Cyclohexane

Concen: 43.425 ug/l

RT: 7.887 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :

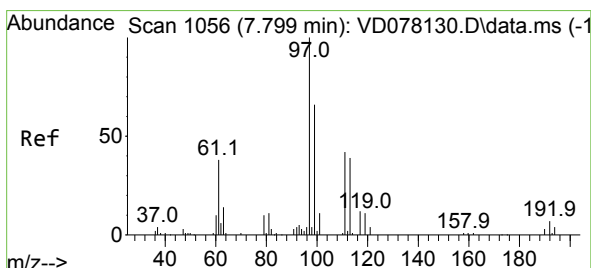
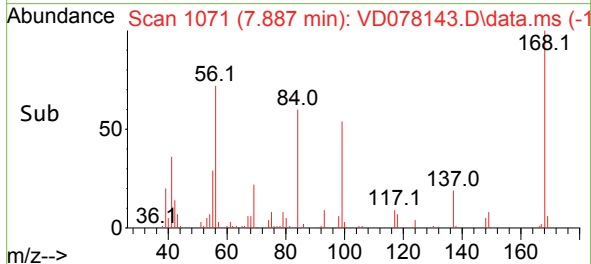
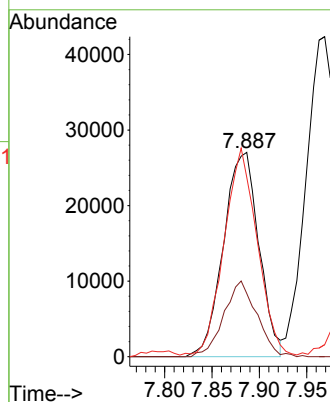
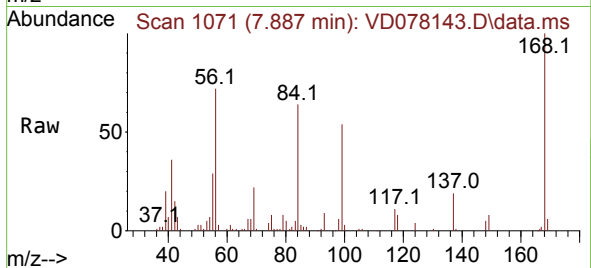
Tgt Ion: 56 Resp: 70352

Ion Ratio Lower Upper

56 100

69 31.0 28.6 43.0

84 87.0 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 47.491 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

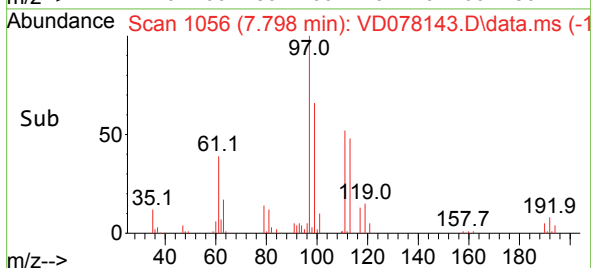
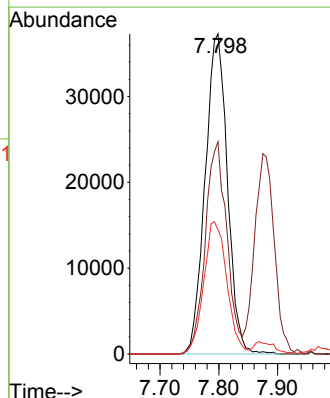
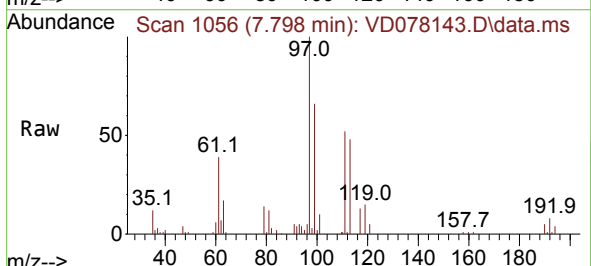
Tgt Ion: 97 Resp: 98153

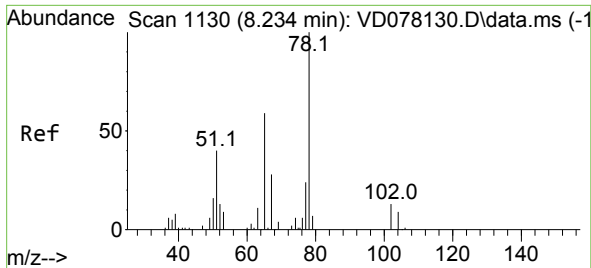
Ion Ratio Lower Upper

97 100

99 64.2 52.0 78.0

61 43.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 43.941 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

Instrument :

MSVOA_D

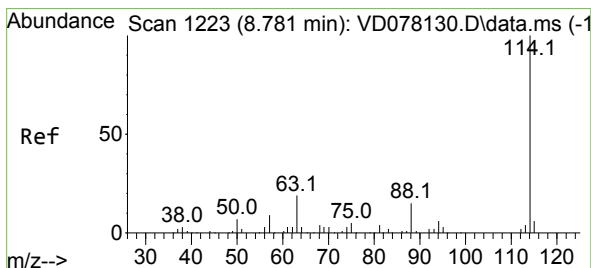
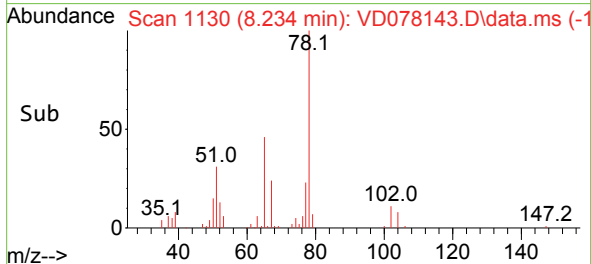
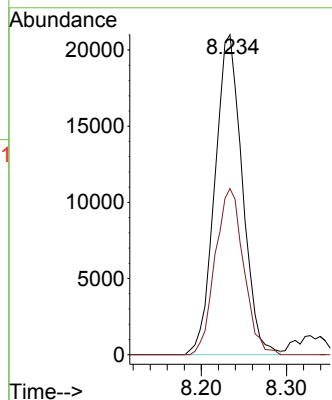
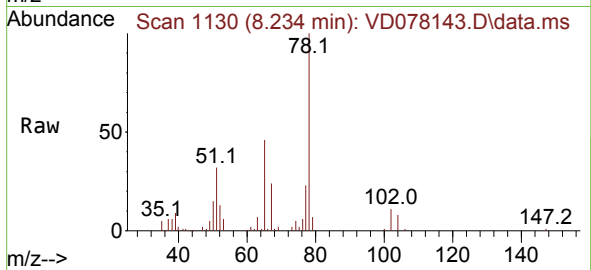
ClientSampleId :

Tgt Ion: 65 Resp: 47048

Ion Ratio Lower Upper

65 100

67 53.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

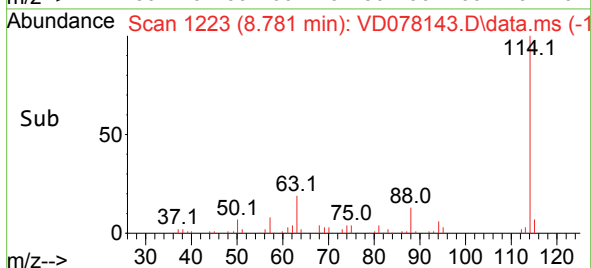
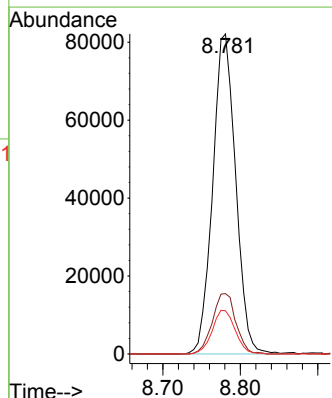
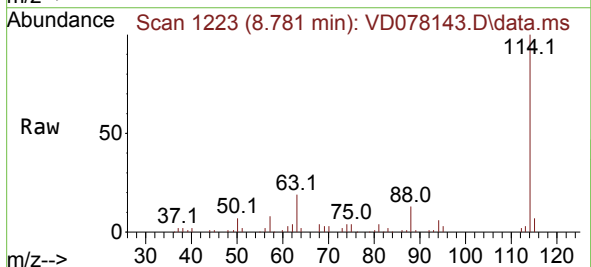
Tgt Ion: 114 Resp: 168917

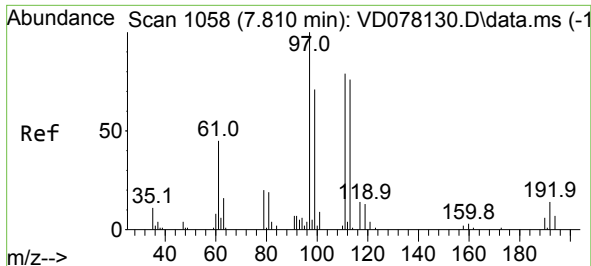
Ion Ratio Lower Upper

114 100

63 18.9 0.0 33.4

88 13.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 42.748 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078143.D

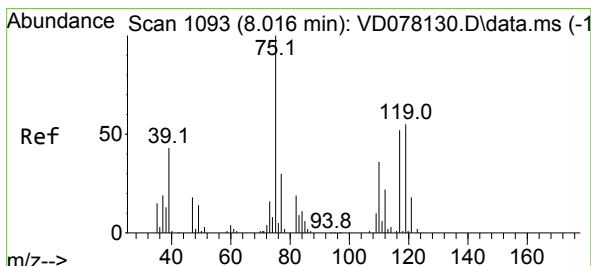
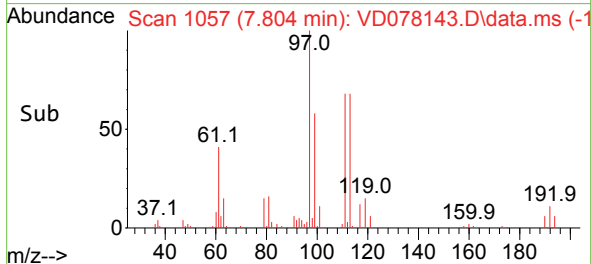
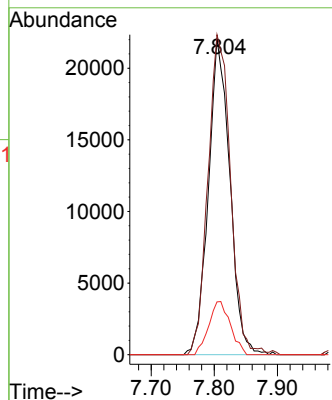
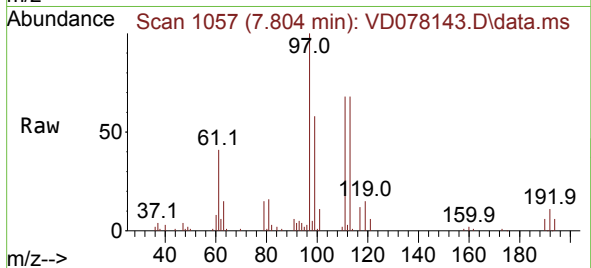
Acq: 11 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	113	Resp:	52041
Ion	Ratio	Lower	Upper
113	100		
111	106.7	84.7	127.1
192	16.9	16.8	25.2



#36

1,1-Dichloropropene

Concen: 46.756 ug/l

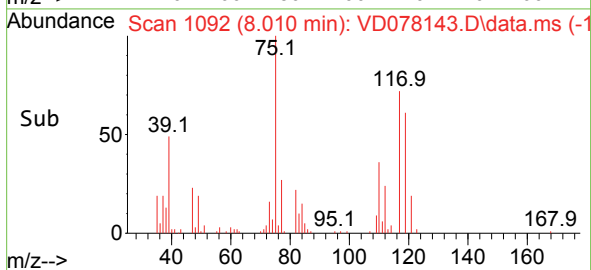
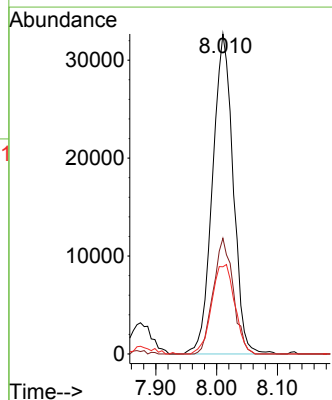
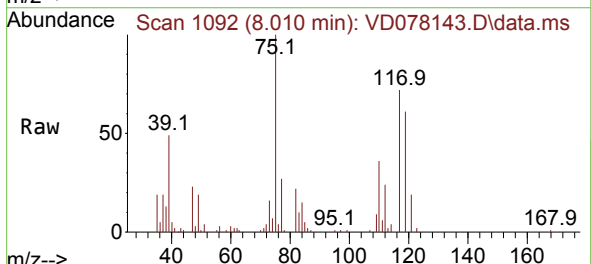
RT: 8.010 min Scan# 1092

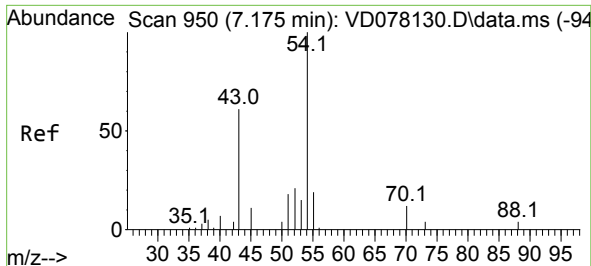
Delta R.T. -0.006 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

Tgt Ion:	75	Resp:	76855
Ion	Ratio	Lower	Upper
75	100		
110	34.9	19.9	59.6
77	31.3	24.7	37.1





#37

Ethyl Acetate

Concen: 46.846 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

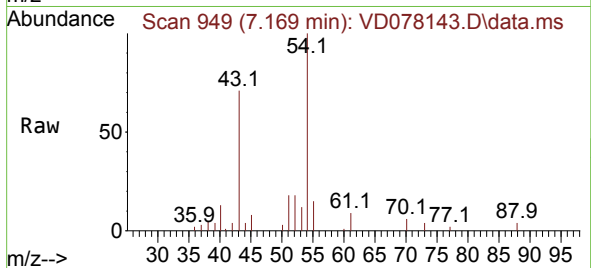
Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :



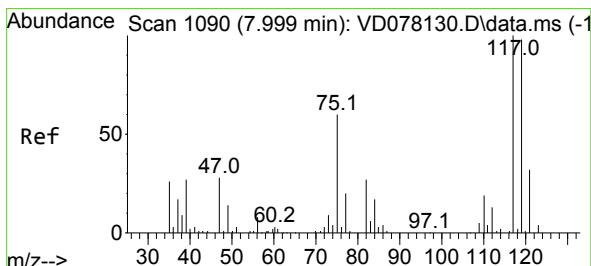
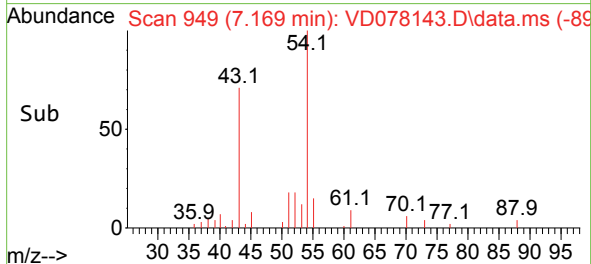
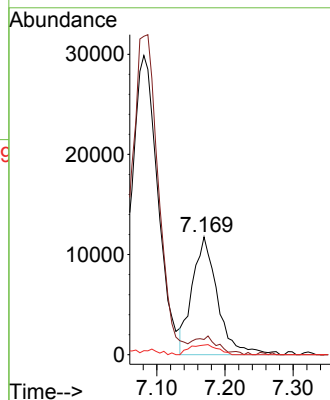
Tgt Ion: 43 Resp: 30306

Ion Ratio Lower Upper

43 100

61 15.2 14.9 22.3

70 9.4 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 45.497 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

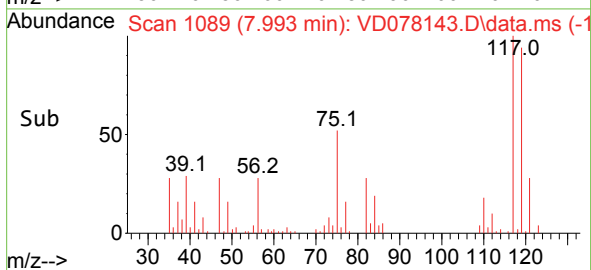
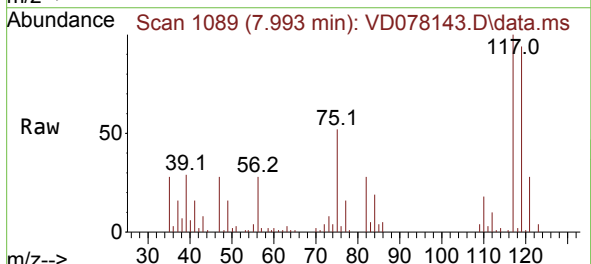
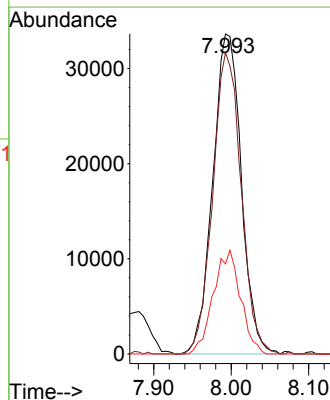
Tgt Ion: 117 Resp: 86131

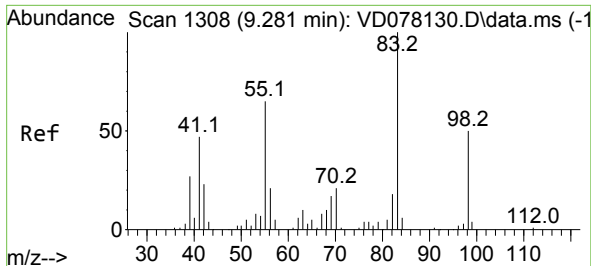
Ion Ratio Lower Upper

117 100

119 94.2 78.0 117.0

121 28.1 24.2 36.2

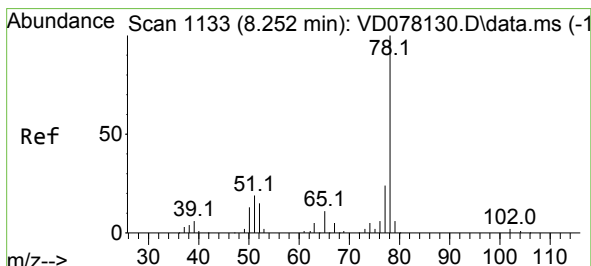
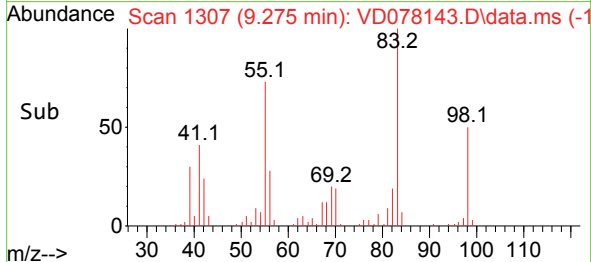
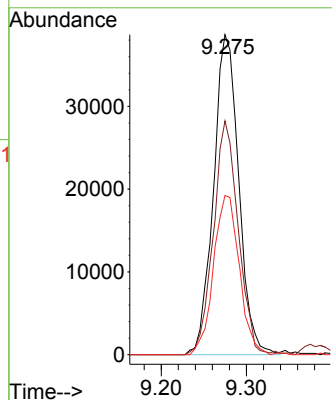
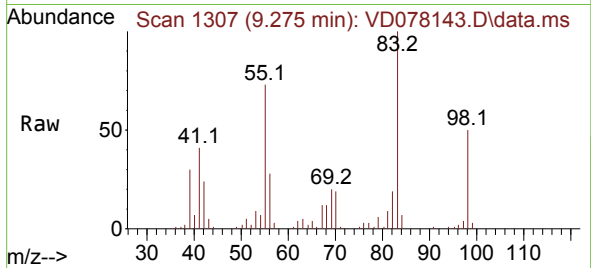




#39
Methylcyclohexane
Concen: 44.019 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.006 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

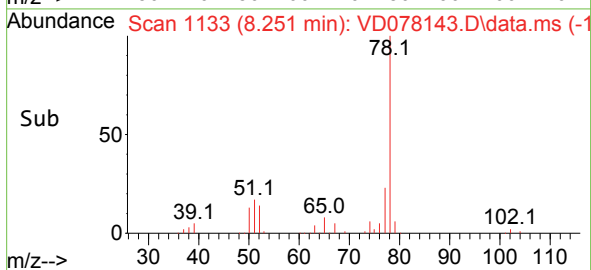
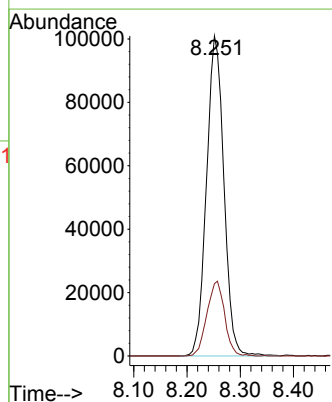
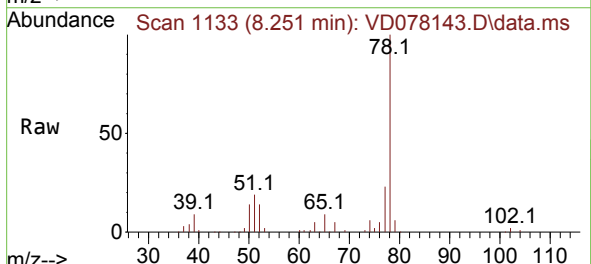
Instrument :
MSVOA_D
ClientSampleId :

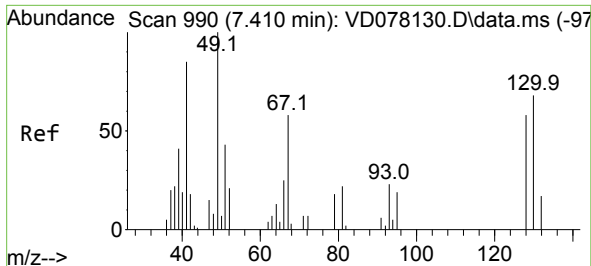
Tgt Ion: 83 Resp: 79627
Ion Ratio Lower Upper
83 100
55 73.0 49.4 74.0
98 49.8 38.4 57.6



#40
Benzene
Concen: 46.559 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

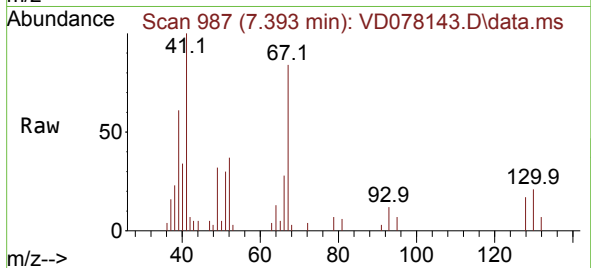
Tgt Ion: 78 Resp: 228436
Ion Ratio Lower Upper
78 100
77 22.6 19.4 29.0



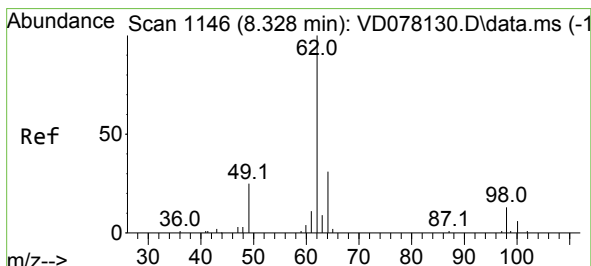
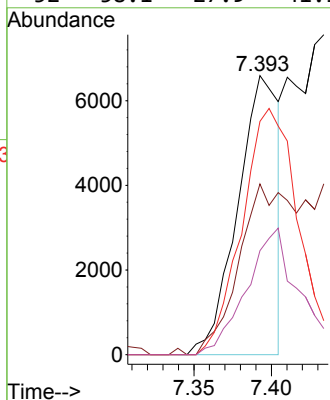
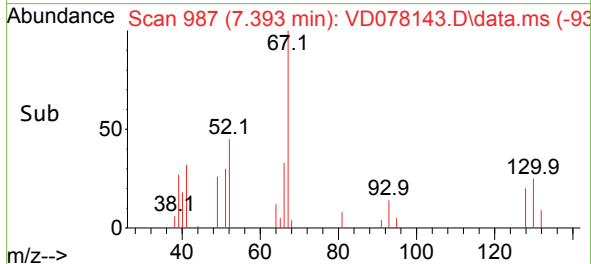


#41
Methacrylonitrile
Concen: 32.026 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.018 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Instrument :
MSVOA_D
ClientSampleId :

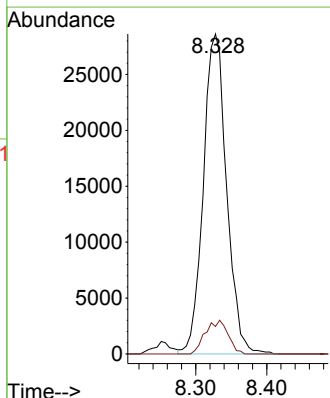
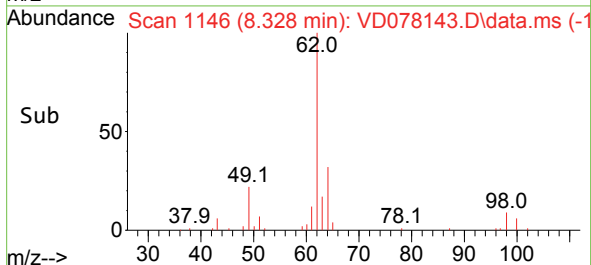
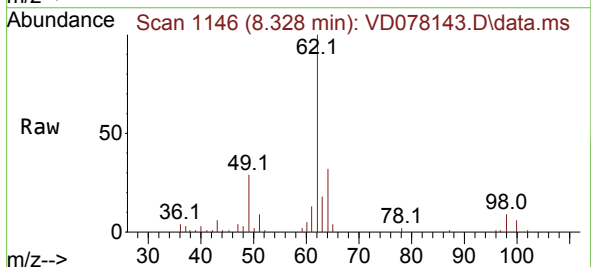


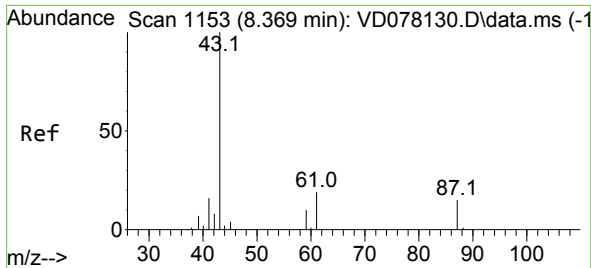
Tgt Ion: 41 Resp: 12162
Ion Ratio Lower Upper
41 100
39 79.8 34.0 51.0#
67 123.3 77.0 115.4#
52 58.1 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 47.256 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion: 62 Resp: 65249
Ion Ratio Lower Upper
62 100
98 10.2 0.0 25.4

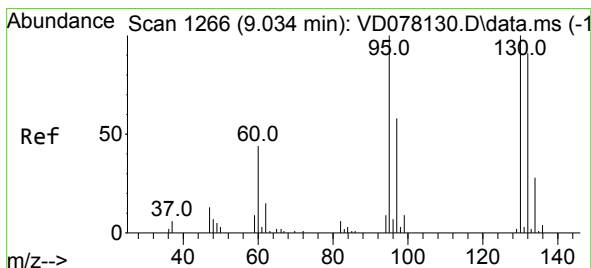
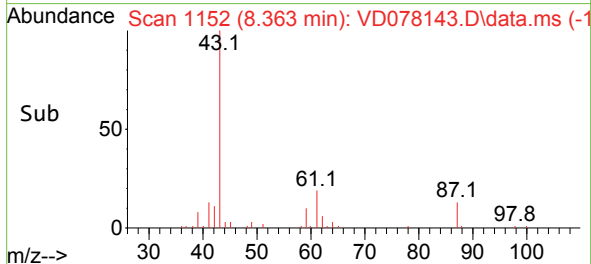
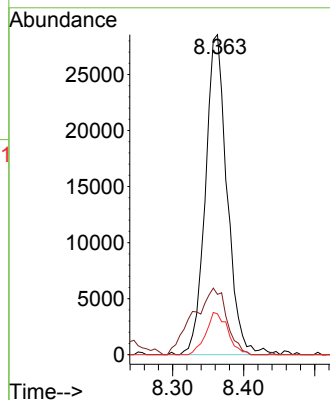
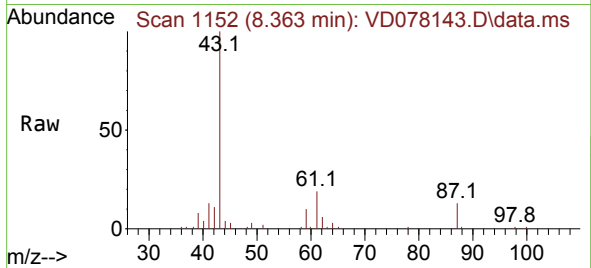




#43
Isopropyl Acetate
Concen: 48.627 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.006 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

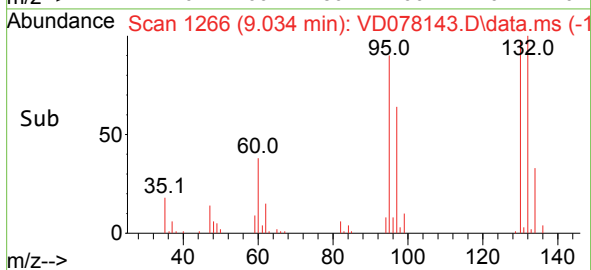
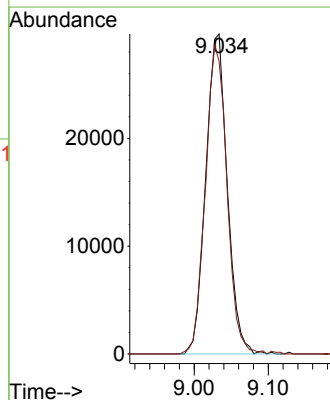
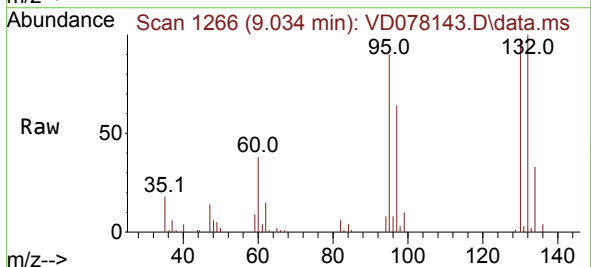
Instrument :
MSVOA_D
ClientSampleId :

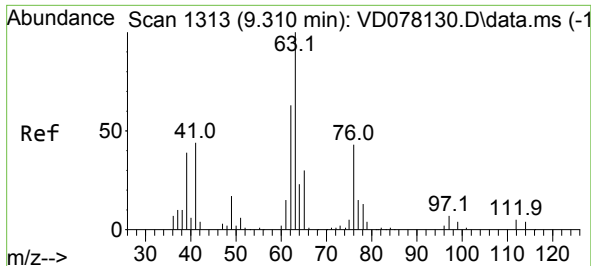
Tgt Ion: 43 Resp: 60644
Ion Ratio Lower Upper
43 100
61 32.1 31.4 47.0
87 13.4 14.9 22.3#



#44
Trichloroethene
Concen: 45.120 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion:130 Resp: 59859
Ion Ratio Lower Upper
130 100
95 91.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 47.335 ug/l

RT: 9.310 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

Instrument :

MSVOA_D

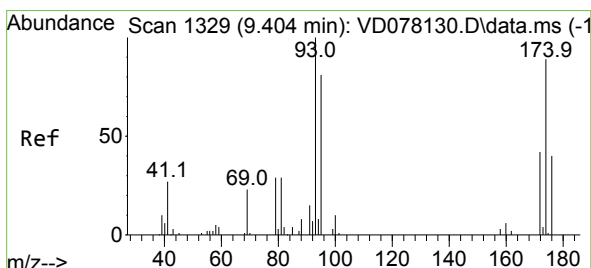
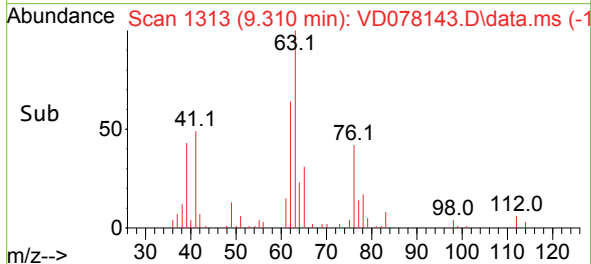
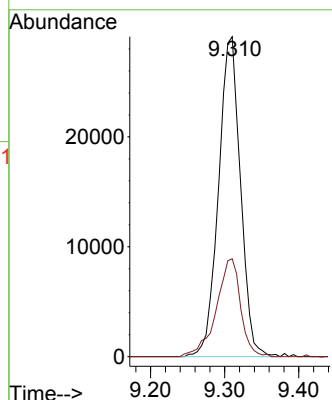
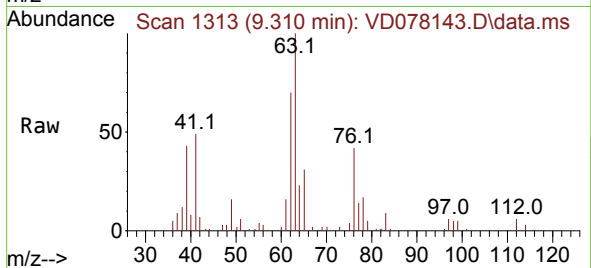
ClientSampleId :

Tgt Ion: 63 Resp: 59897

Ion Ratio Lower Upper

63 100

65 30.6 24.5 36.7



#46

Dibromomethane

Concen: 49.024 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.012 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

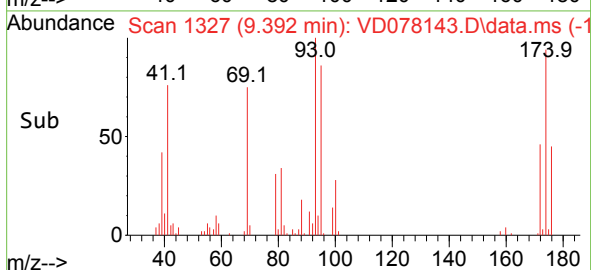
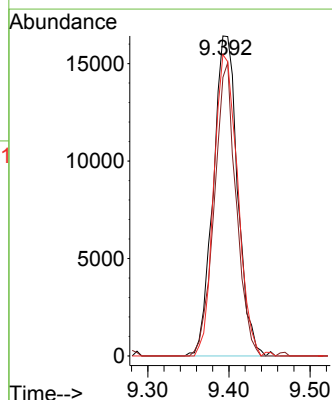
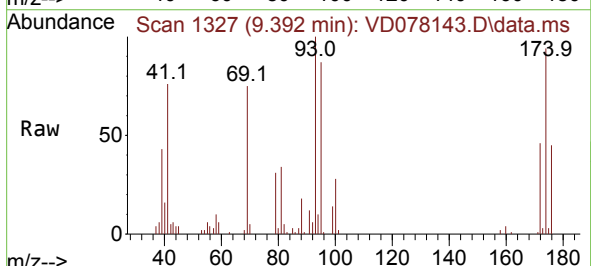
Tgt Ion: 93 Resp: 34320

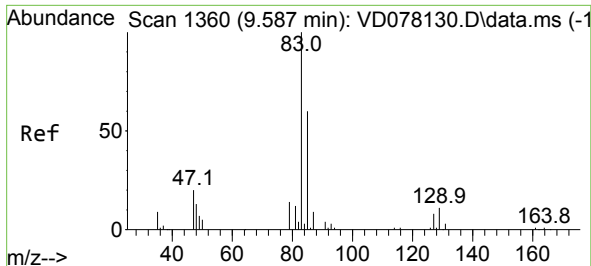
Ion Ratio Lower Upper

93 100

95 81.8 67.7 101.5

174 91.9 85.4 128.2

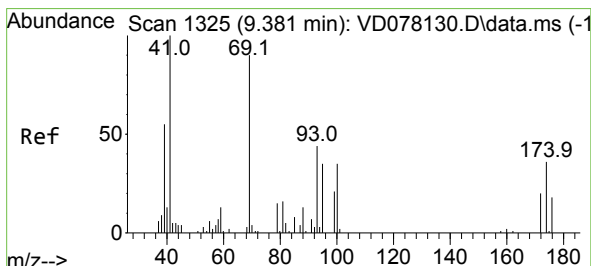
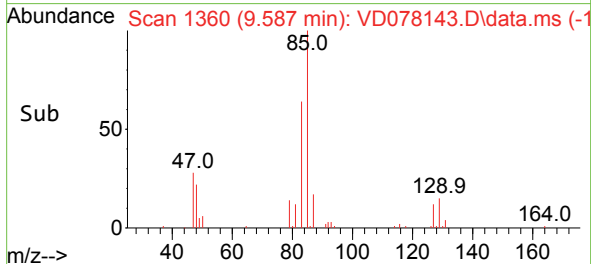
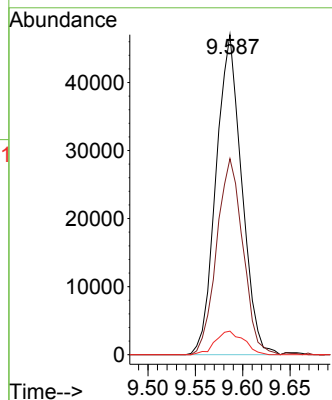
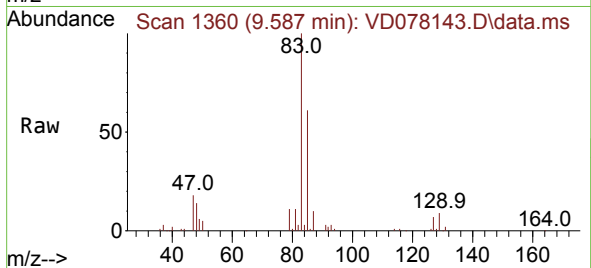




#47
Bromodichloromethane
Concen: 47.570 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

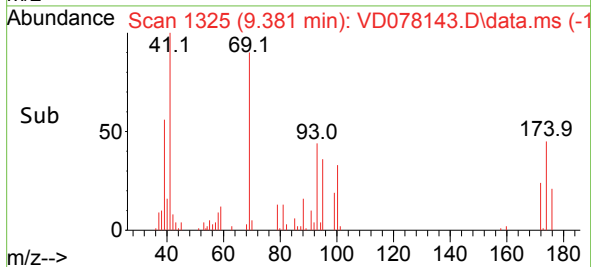
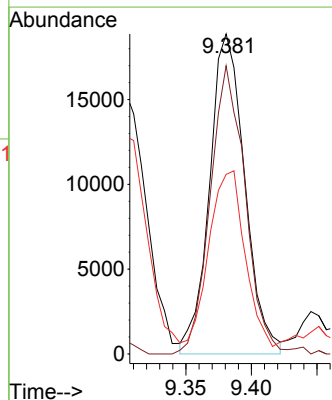
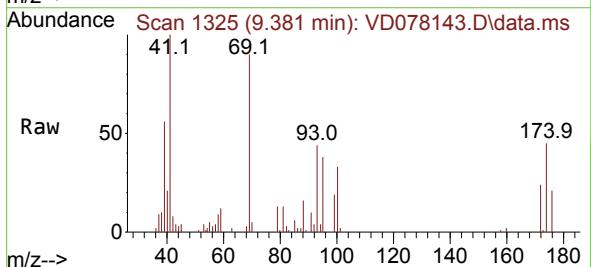
Instrument :
MSVOA_D
ClientSampleId :

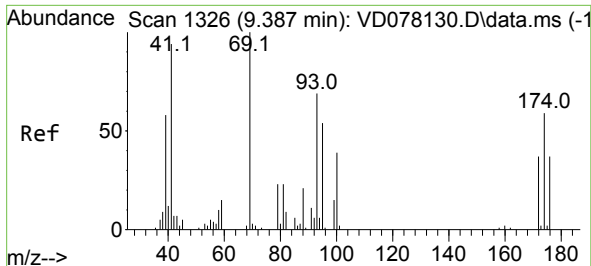
Tgt Ion: 83 Resp: 88537
Ion Ratio Lower Upper
83 100
85 61.3 50.2 75.4
127 7.3 6.3 9.5



#48
Methyl methacrylate
Concen: 51.247 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion: 41 Resp: 35320
Ion Ratio Lower Upper
41 100
69 88.8 102.2 153.2#
39 60.5 41.4 62.2





#49

1,4-Dioxane

Concen: 1072.930 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :

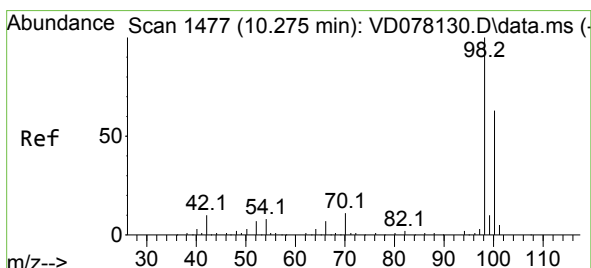
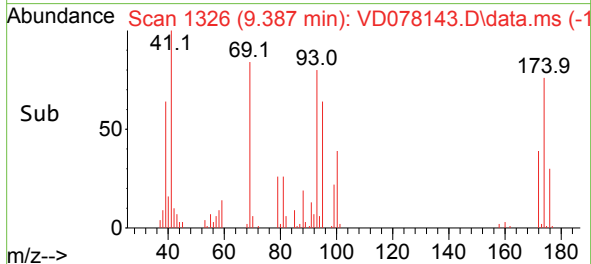
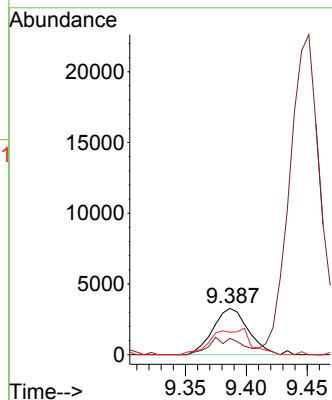
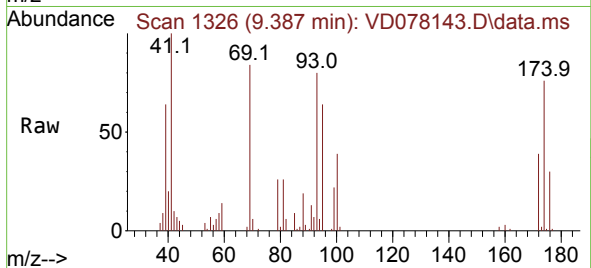
Tgt Ion: 88 Resp: 6566

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 61.7 43.5 65.3



#50

Toluene-d8

Concen: 43.865 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VD078143.D

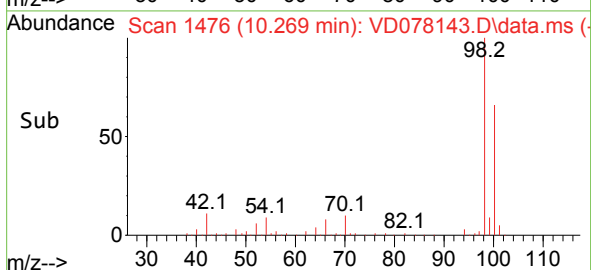
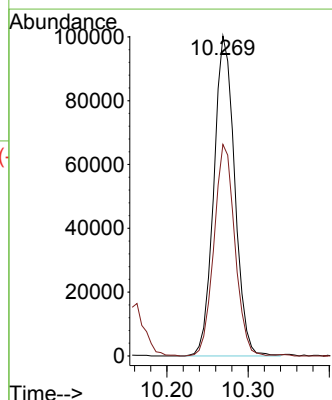
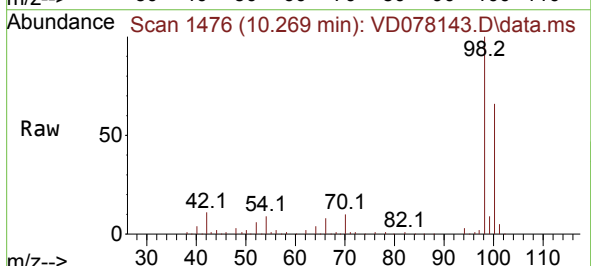
Acq: 11 Jan 2024 09:23

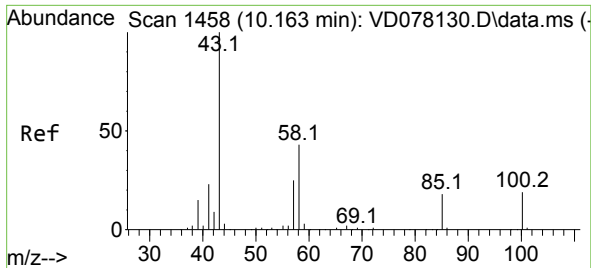
Tgt Ion: 98 Resp: 179090

Ion Ratio Lower Upper

98 100

100 66.3 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 251.141 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. -0.006 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

Instrument :

MSVOA_D

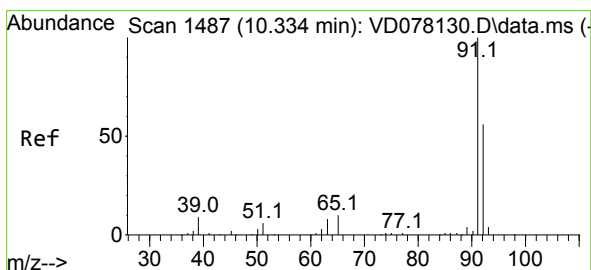
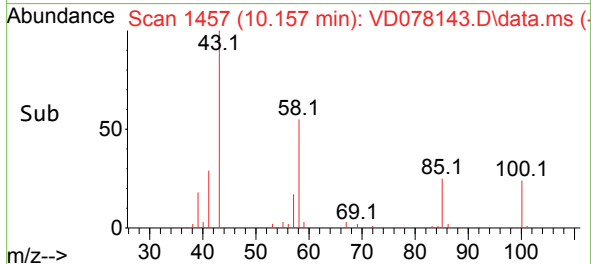
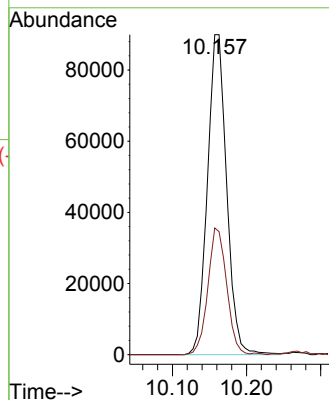
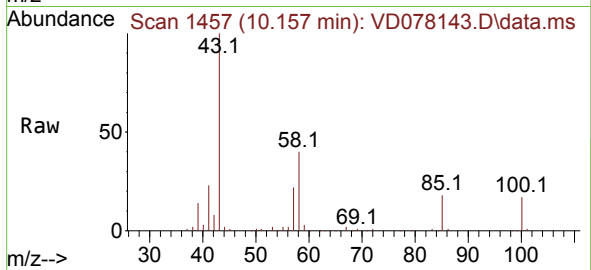
ClientSampleId :

Tgt Ion: 43 Resp: 162274

Ion Ratio Lower Upper

43 100

58 38.8 38.9 58.3#



#52

Toluene

Concen: 47.008 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078143.D

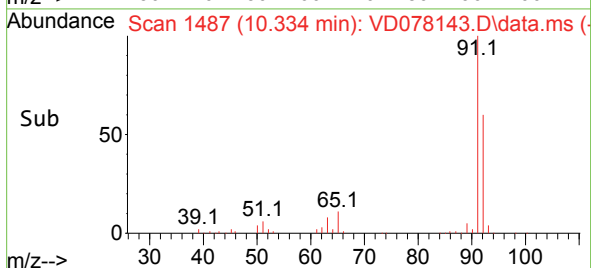
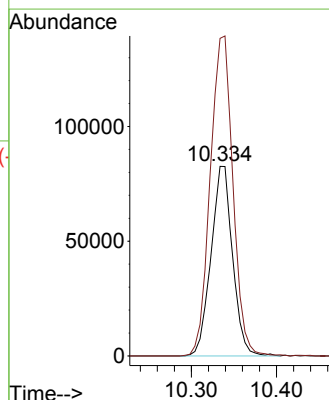
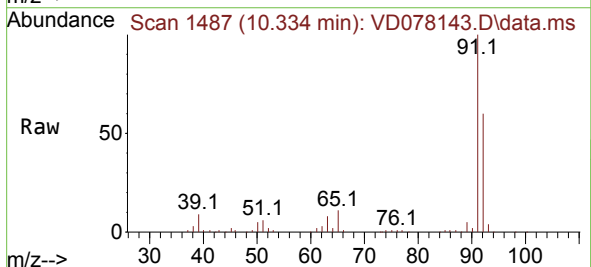
Acq: 11 Jan 2024 09:23

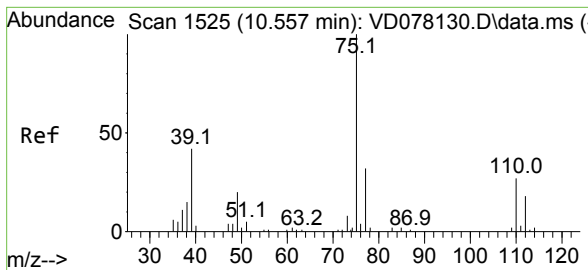
Tgt Ion: 92 Resp: 145661

Ion Ratio Lower Upper

92 100

91 177.5 143.0 214.4

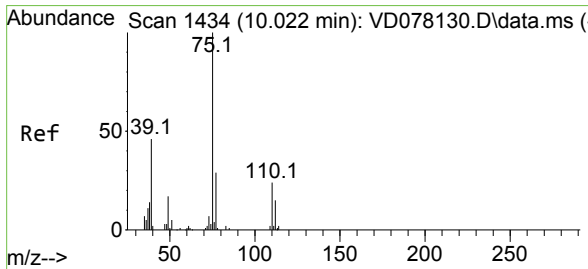
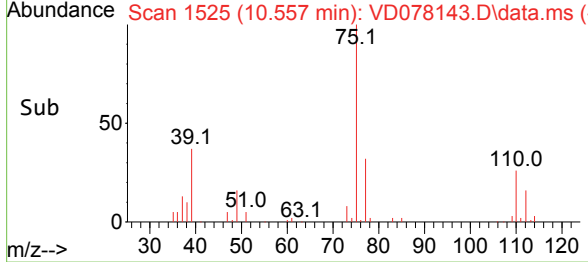
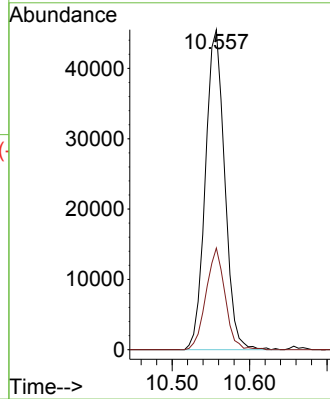
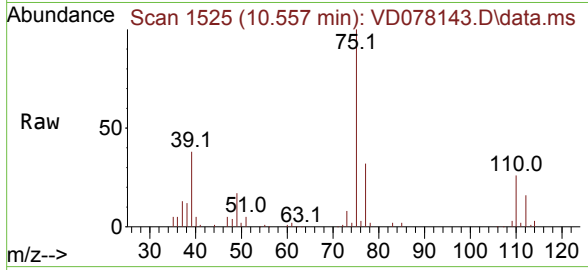




#53
 t-1,3-Dichloropropene
 Concen: 47.668 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD078143.D
 Acq: 11 Jan 2024 09:23

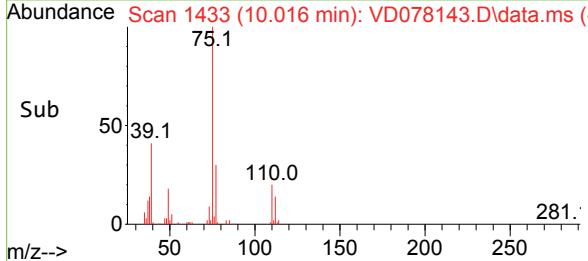
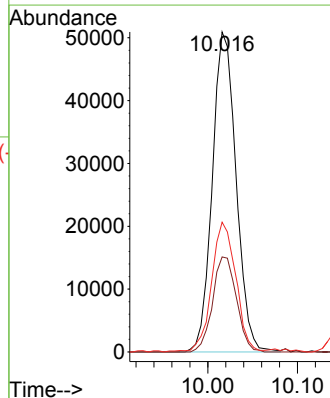
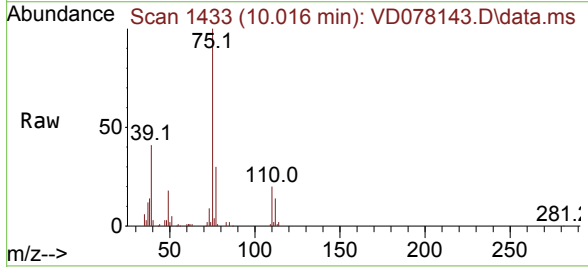
Instrument :
 MSVOA_D
 ClientSampleId :

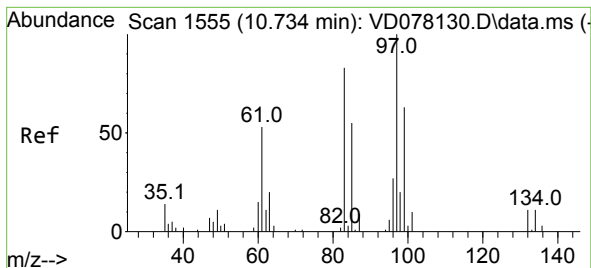
Tgt Ion: 75 Resp: 78741
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 49.755 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.006 min
 Lab File: VD078143.D
 Acq: 11 Jan 2024 09:23

Tgt Ion: 75 Resp: 93773
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.5 38.3
 39 40.1 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 47.446 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

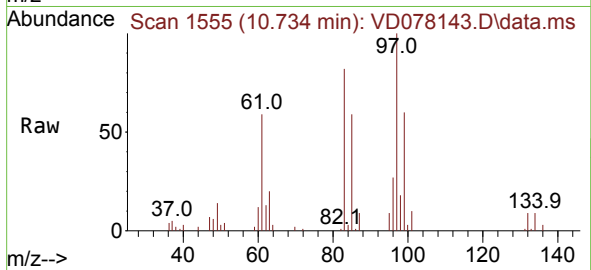
Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 46587

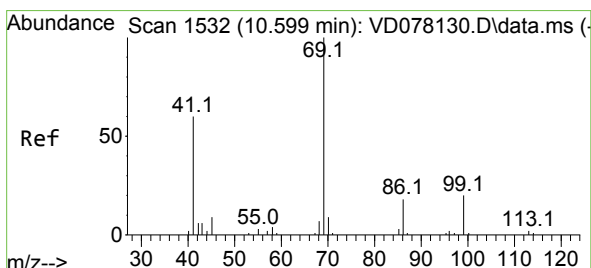
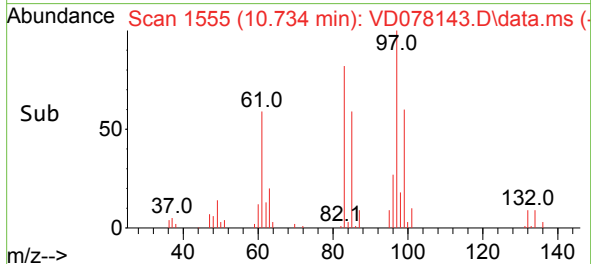
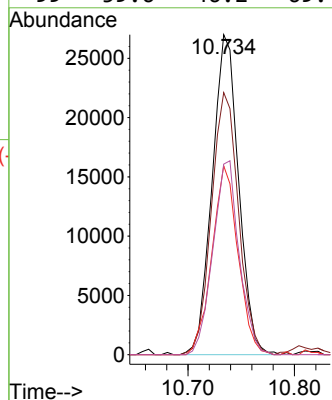
Ion Ratio Lower Upper

97 100

83 81.9 65.8 98.6

85 59.0 45.7 68.5

99 59.6 46.2 69.4



#56

Ethyl methacrylate

Concen: 47.306 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

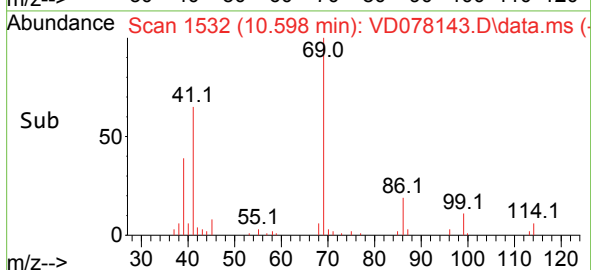
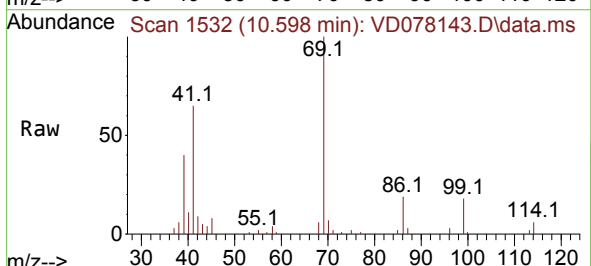
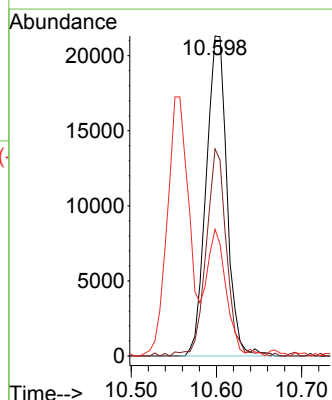
Tgt Ion: 69 Resp: 36199

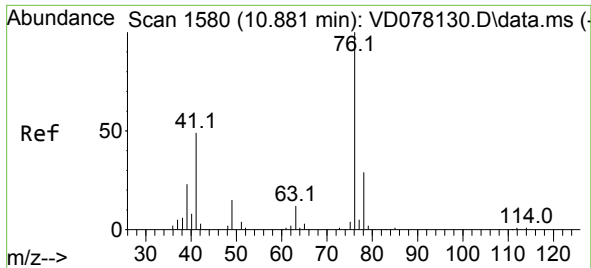
Ion Ratio Lower Upper

69 100

41 63.3 39.1 58.7#

39 35.0 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 48.452 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

Instrument :

MSVOA_D

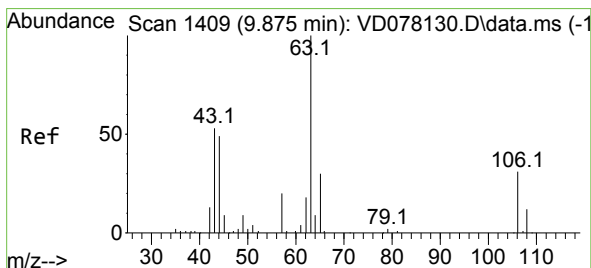
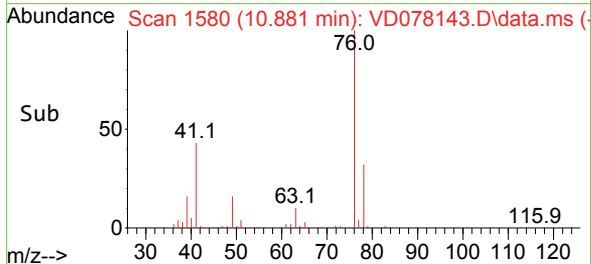
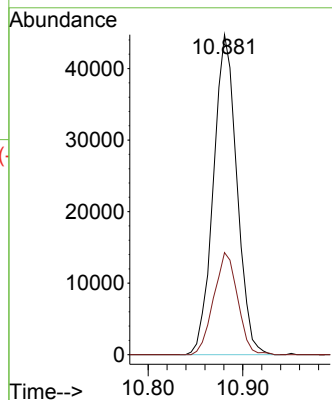
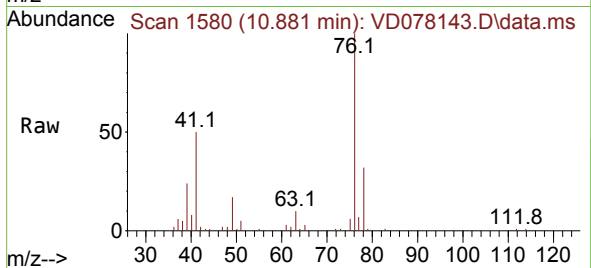
ClientSampleId :

Tgt Ion: 76 Resp: 77218

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 290.500 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.006 min

Lab File: VD078143.D

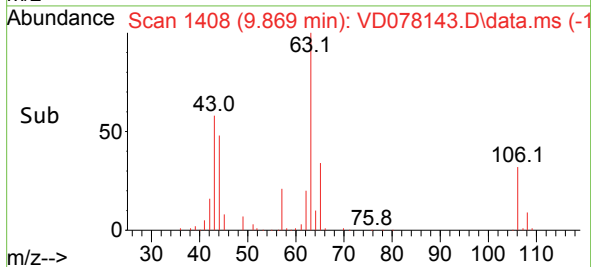
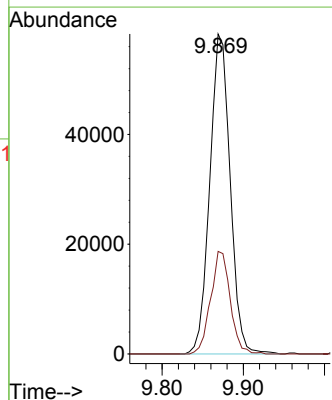
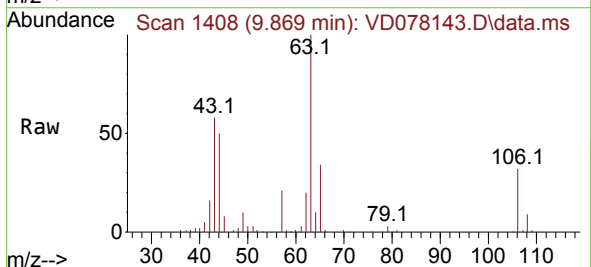
Acq: 11 Jan 2024 09:23

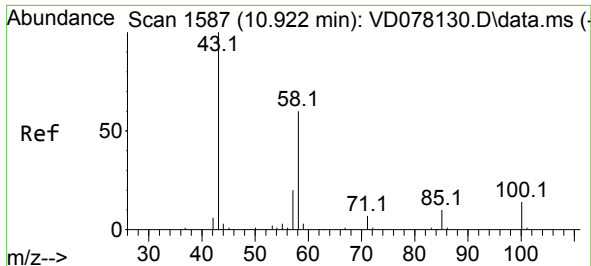
Tgt Ion: 63 Resp: 101502

Ion Ratio Lower Upper

63 100

106 30.9 25.3 37.9

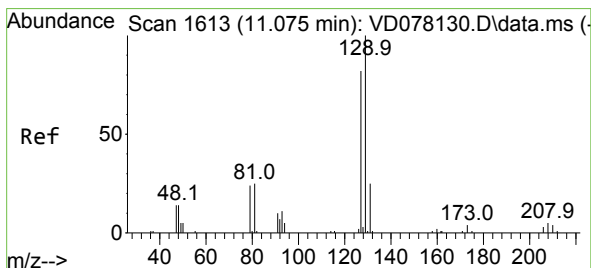
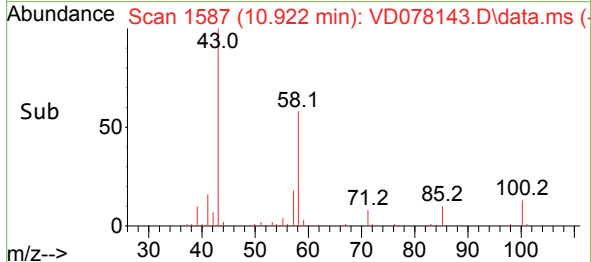
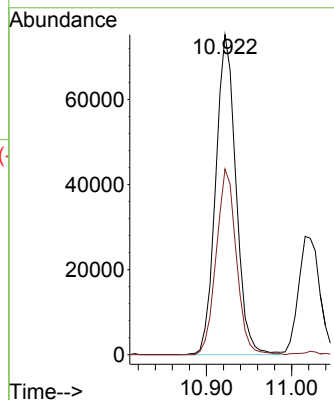
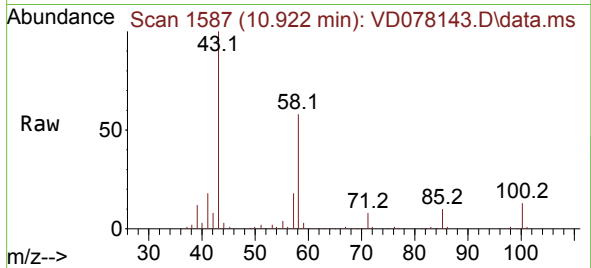




#59
2-Hexanone
Concen: 255.764 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

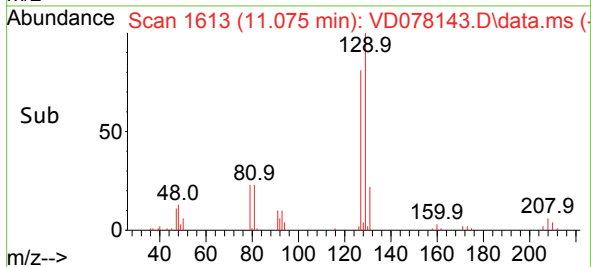
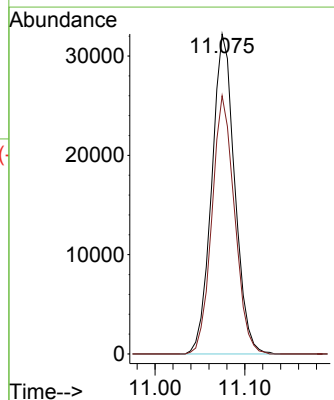
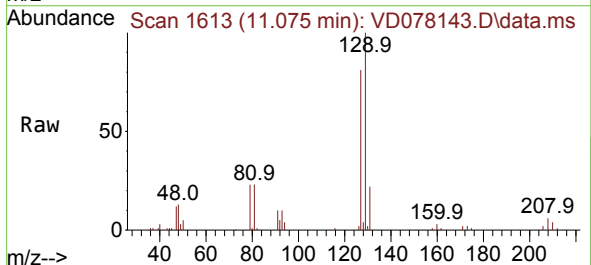
Instrument :
MSVOA_D
ClientSampleId :

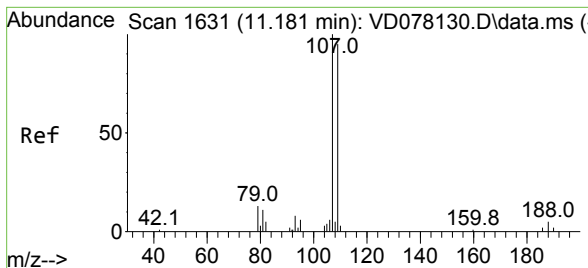
Tgt Ion: 43 Resp: 124253
Ion Ratio Lower Upper
43 100
58 57.6 34.1 102.2



#60
Dibromochloromethane
Concen: 46.187 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion: 129 Resp: 57302
Ion Ratio Lower Upper
129 100
127 79.3 37.1 111.5

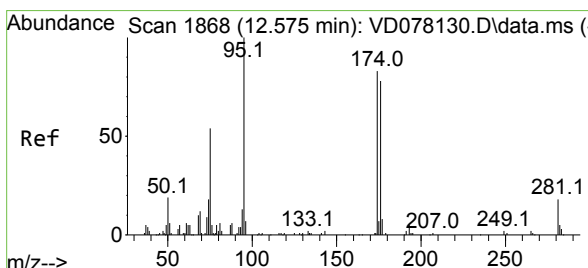
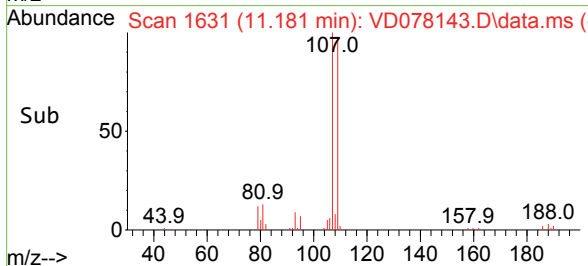
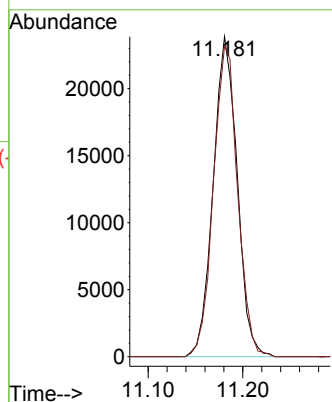
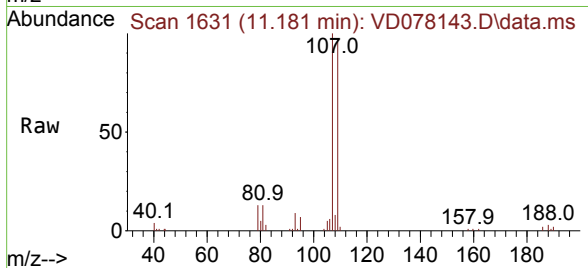




#61
1,2-Dibromoethane
Concen: 46.475 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

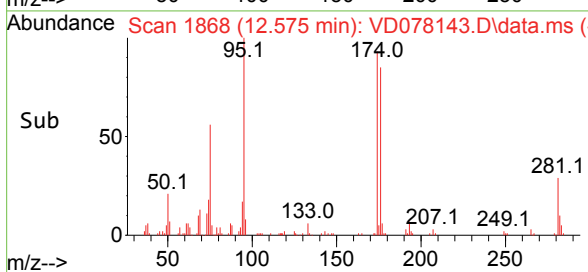
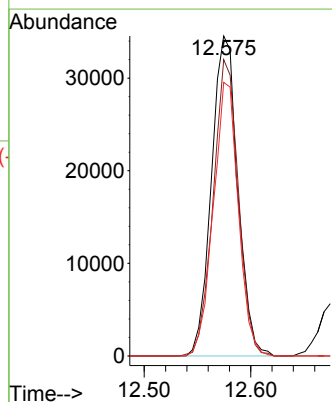
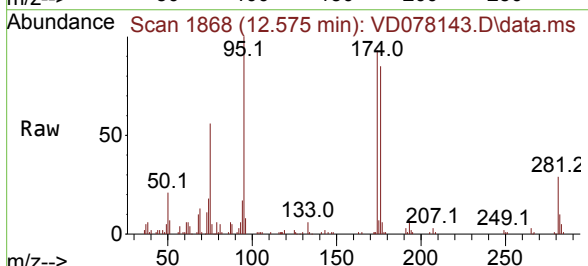
Instrument :
MSVOA_D
ClientSampleId :

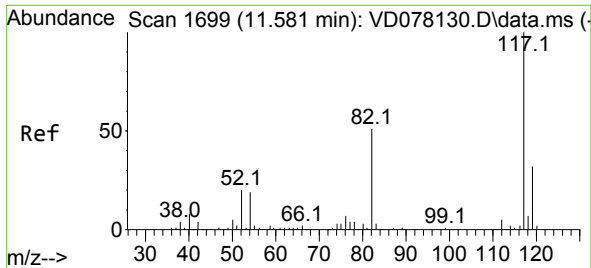
Tgt Ion:107 Resp: 42013
Ion Ratio Lower Upper
107 100
109 98.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 41.496 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion: 95 Resp: 58975
Ion Ratio Lower Upper
95 100
174 89.0 0.0 201.8
176 81.6 0.0 191.8

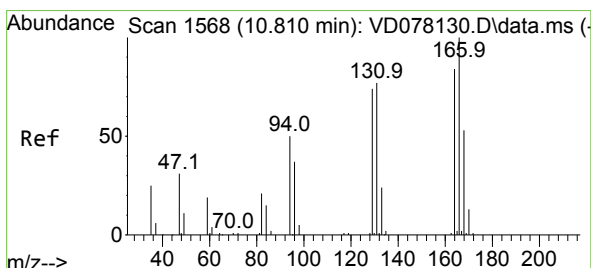
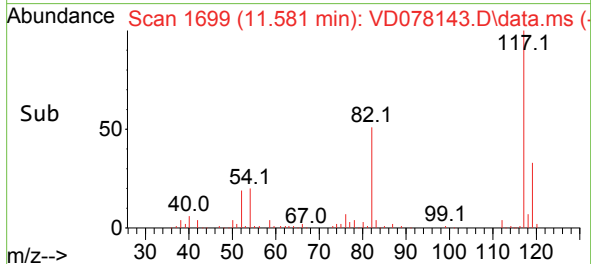
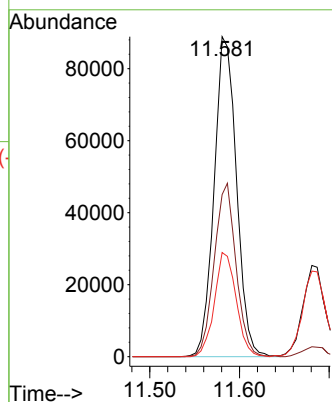
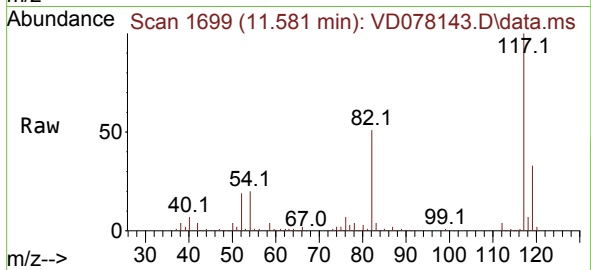




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

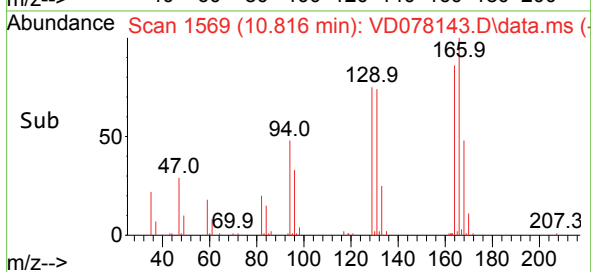
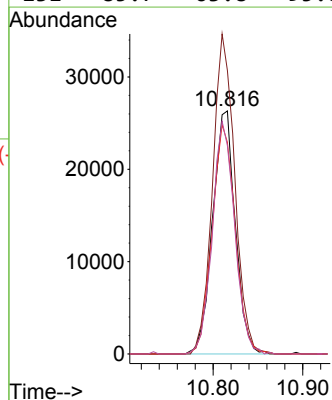
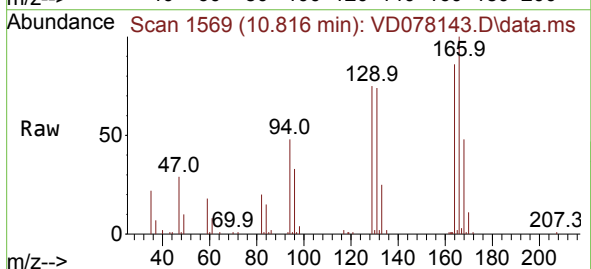
Instrument :
MSVOA_D
ClientSampleId :

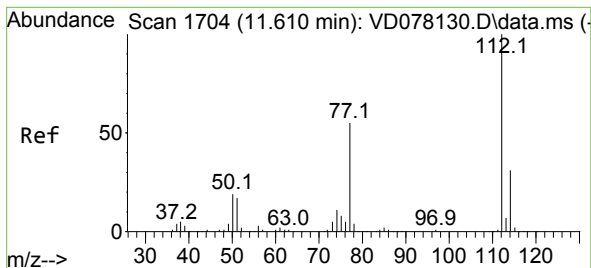
Tgt Ion:117 Resp: 153902
Ion Ratio Lower Upper
117 100
82 50.6 38.3 57.5
119 32.5 25.0 37.4



#64
Tetrachloroethene
Concen: 44.396 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion:164 Resp: 46262
Ion Ratio Lower Upper
164 100
166 116.6 99.2 148.8
129 87.1 68.4 102.6
131 85.7 63.8 95.8





#65

Chlorobenzene

Concen: 45.943 ug/l

RT: 11.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

Instrument :

MSVOA_D

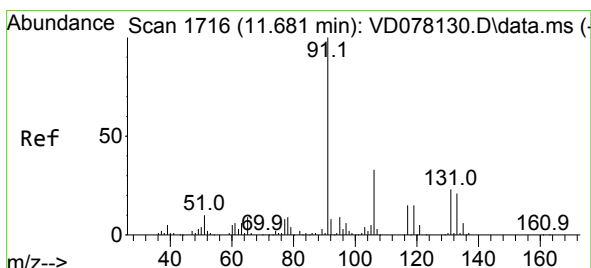
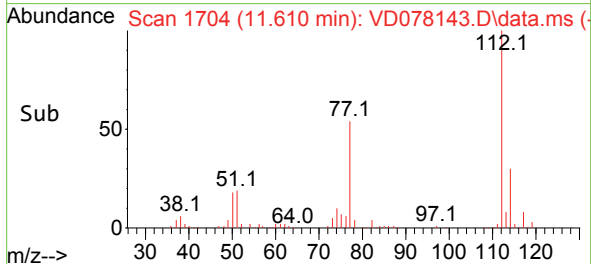
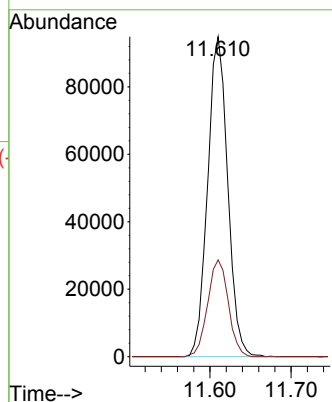
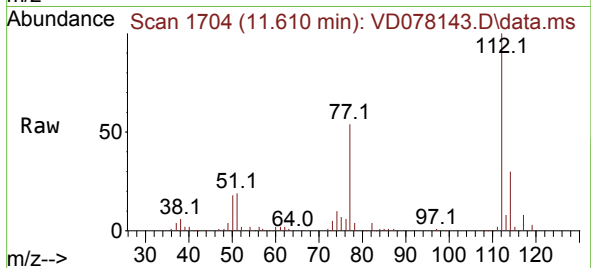
ClientSampleId :

Tgt Ion:112 Resp: 162686

Ion Ratio Lower Upper

112 100

114 30.2 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 46.335 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

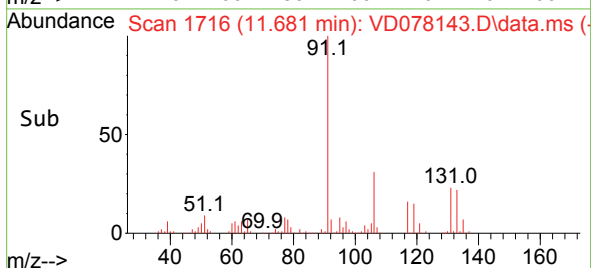
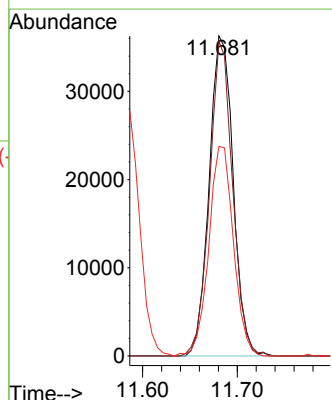
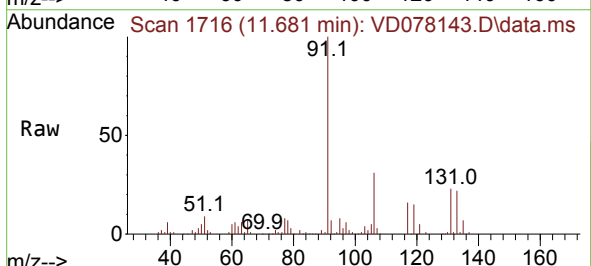
Tgt Ion:131 Resp: 63734

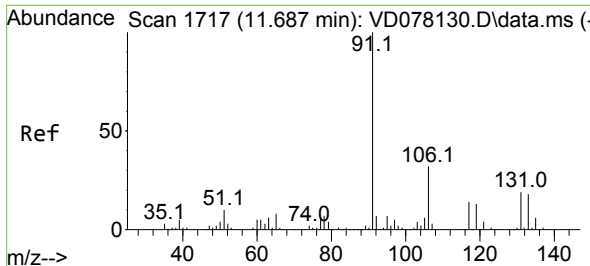
Ion Ratio Lower Upper

131 100

133 95.1 48.5 145.5

119 67.3 35.6 106.9

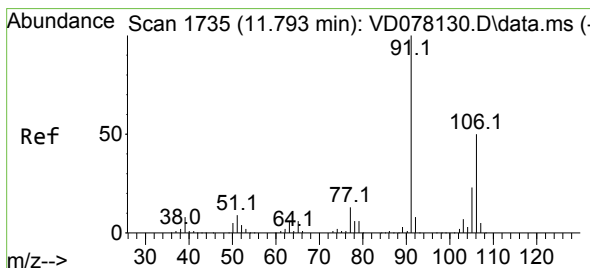
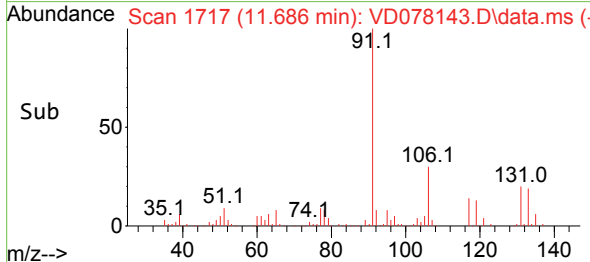
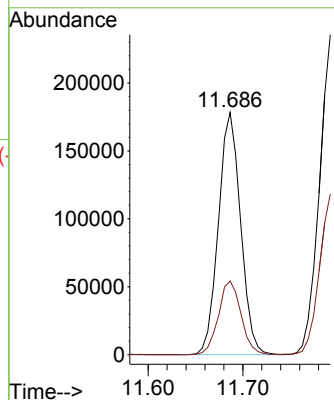
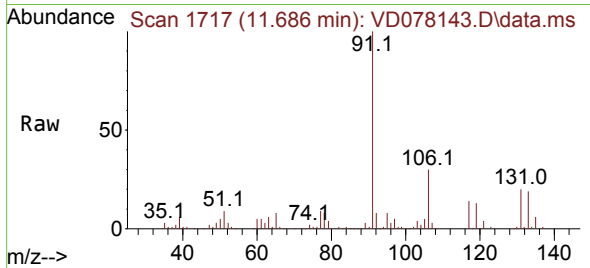




#67
Ethyl Benzene
Concen: 46.642 ug/l
RT: 11.686 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

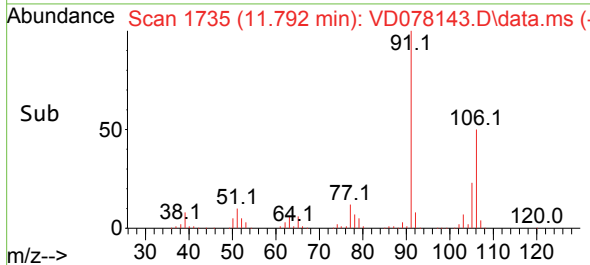
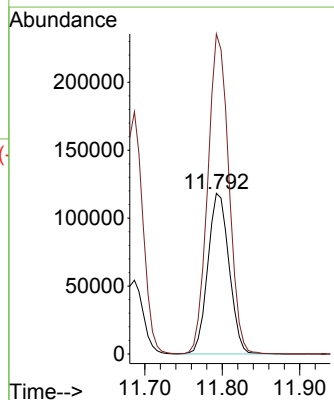
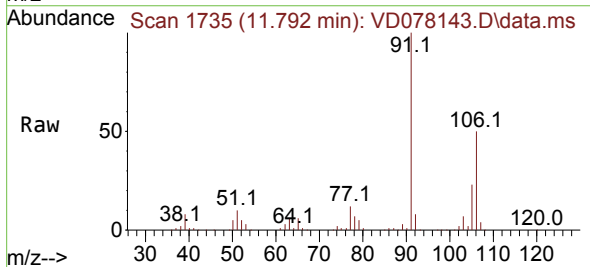
Instrument :
MSVOA_D
ClientSampleId :

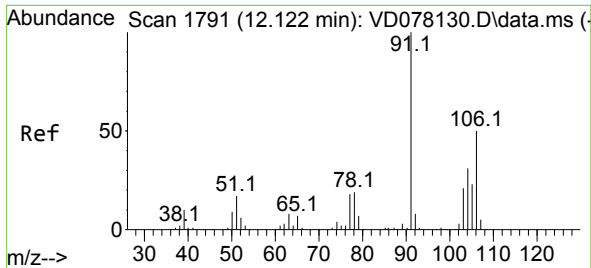
Tgt Ion: 91 Resp: 290046
Ion Ratio Lower Upper
91 100
106 30.4 26.5 39.7



#68
m/p-Xylenes
Concen: 93.907 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion:106 Resp: 225094
Ion Ratio Lower Upper
106 100
91 197.3 147.0 220.6

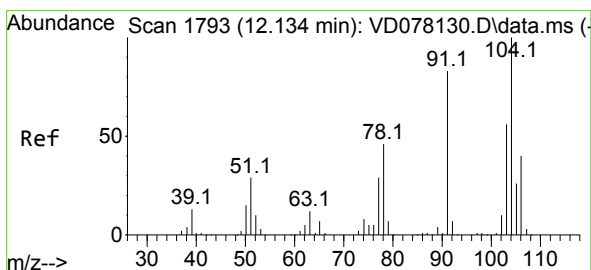
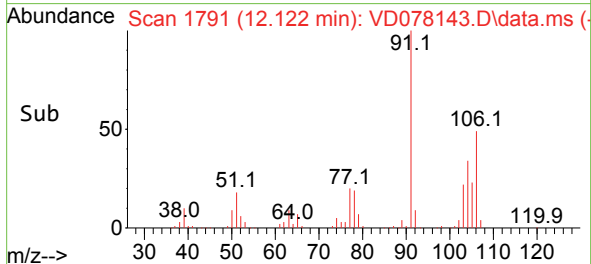
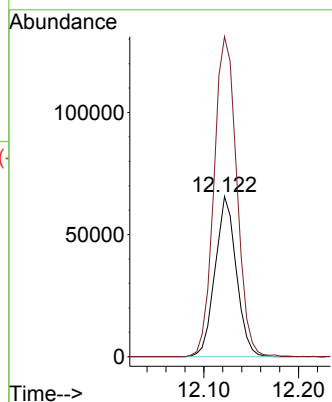
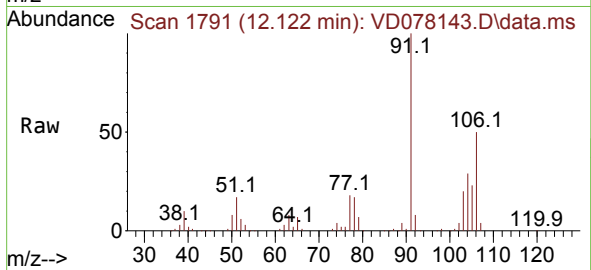




#69
o-Xylene
Concen: 46.062 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

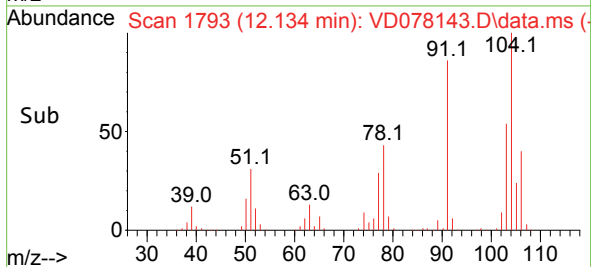
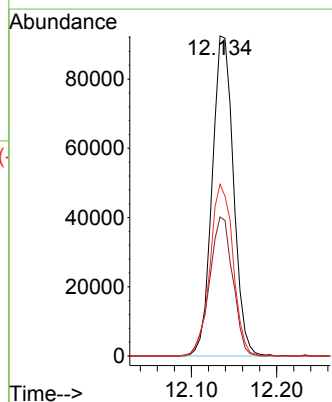
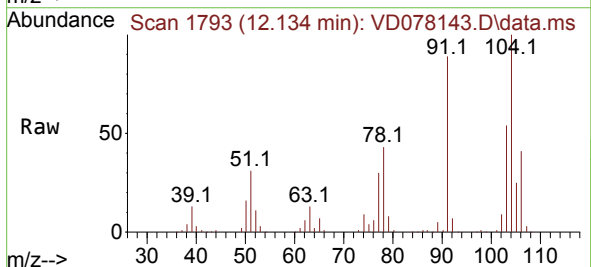
Instrument :
MSVOA_D
ClientSampleId :

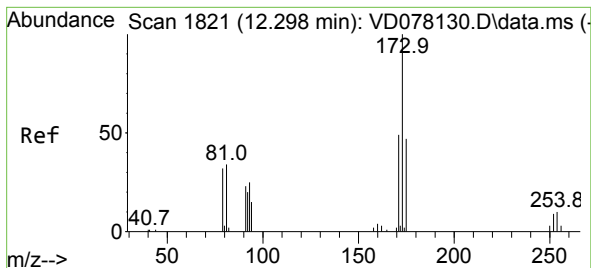
Tgt Ion:106 Resp: 102242
Ion Ratio Lower Upper
106 100
91 214.3 97.9 293.6



#70
Styrene
Concen: 47.625 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion:104 Resp: 160701
Ion Ratio Lower Upper
104 100
78 47.2 33.2 49.8
103 57.6 43.6 65.4





#71

Bromoform

Concen: 44.916 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078143.D

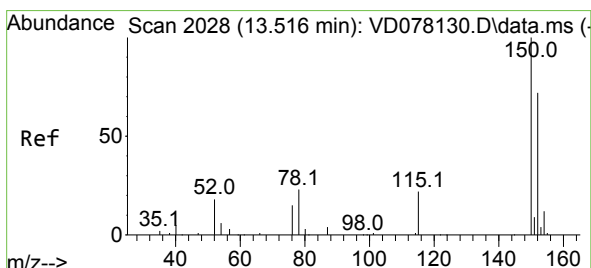
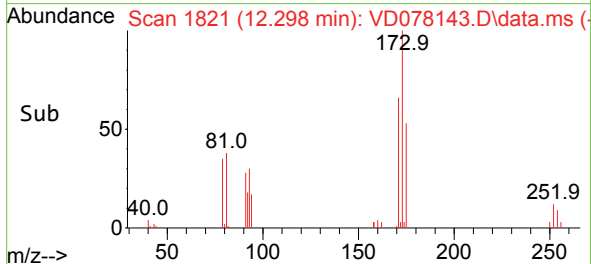
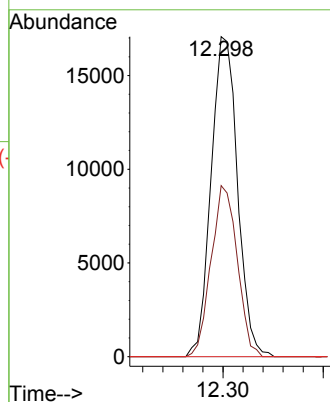
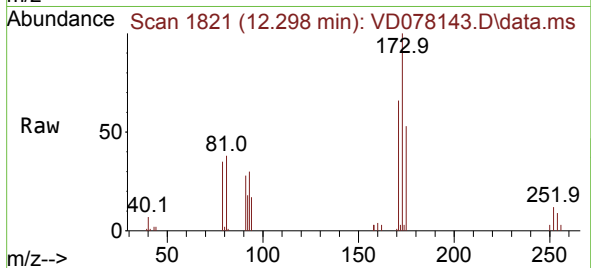
Acq: 11 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	31227
Ion Ratio	Lower	Upper
173	100	
175	52.9	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

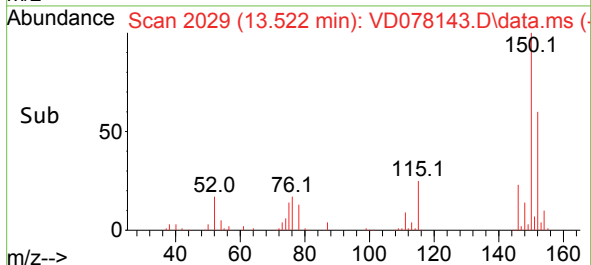
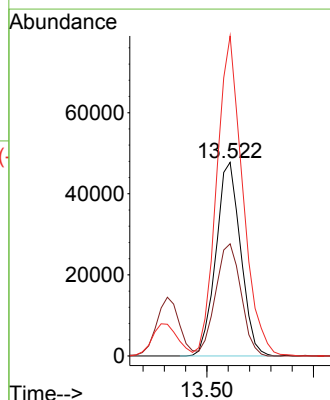
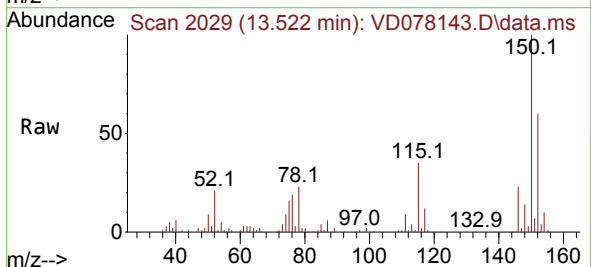
RT: 13.522 min Scan# 2029

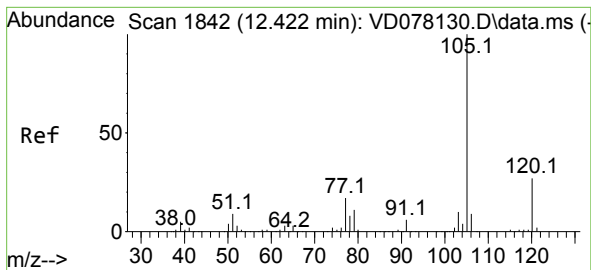
Delta R.T. 0.006 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

Tgt Ion:152	Resp:	76741
Ion Ratio	Lower	Upper
152	100	
115	59.4	27.1 81.3
150	174.2	0.0 353.6





#73

Isopropylbenzene

Concen: 46.542 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

Instrument :

MSVOA_D

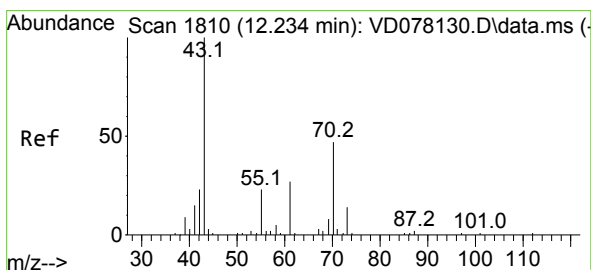
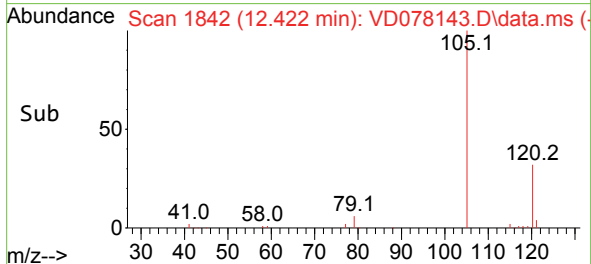
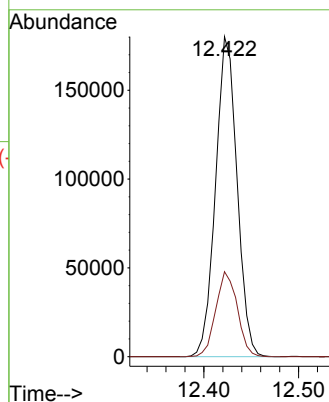
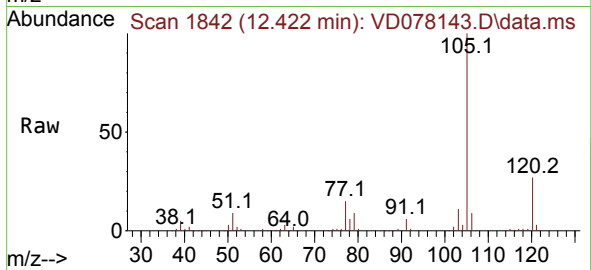
ClientSampleId :

Tgt Ion:105 Resp: 283992

Ion Ratio Lower Upper

105 100

120 26.6 14.3 42.9



#74

N-ethyl acetate

Concen: 45.832 ug/l

RT: 12.233 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

Tgt Ion: 43 Resp: 51148

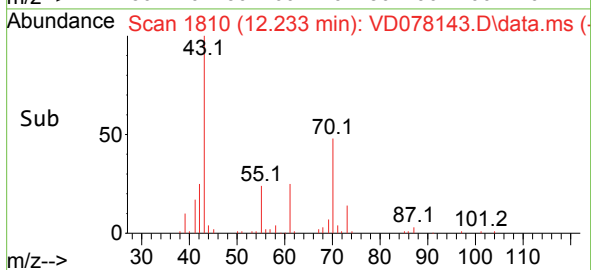
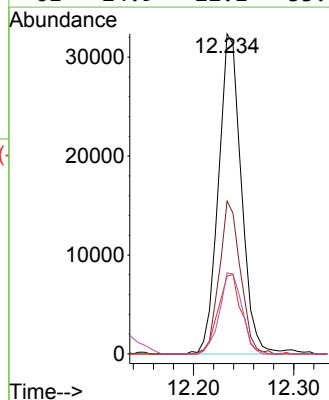
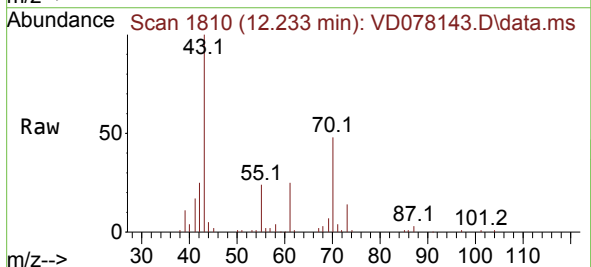
Ion Ratio Lower Upper

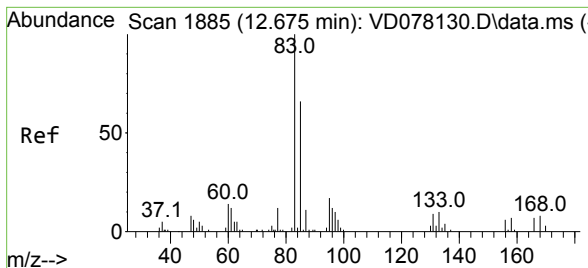
43 100

70 44.3 45.0 67.4#

55 25.2 23.8 35.6

61 24.9 22.1 33.1

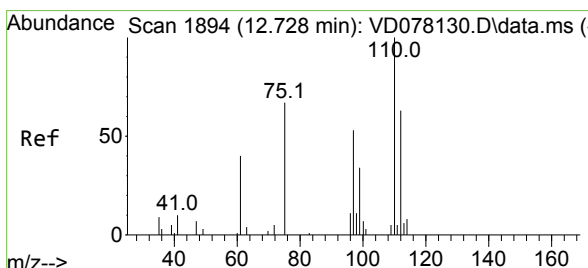
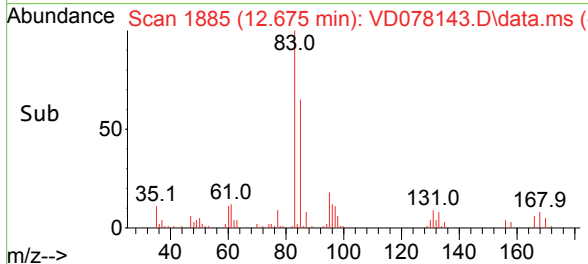
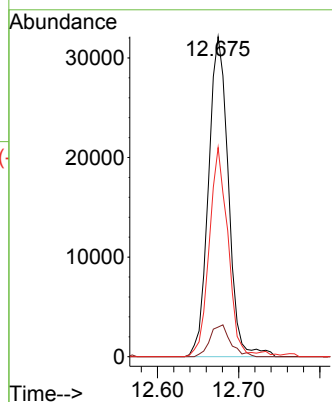
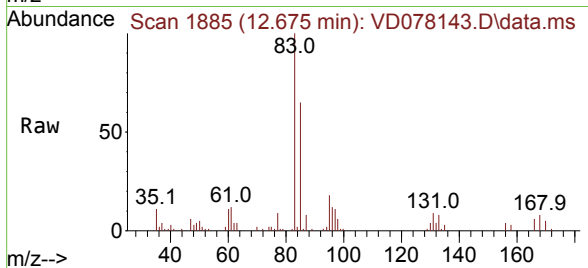




#75
1,1,2,2-Tetrachloroethane
Concen: 47.644 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

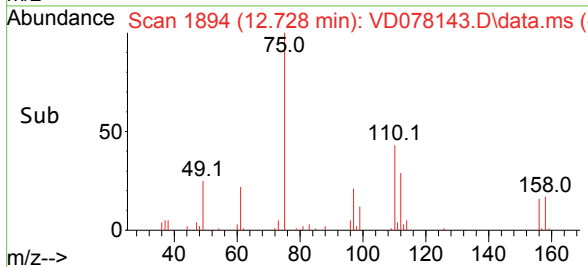
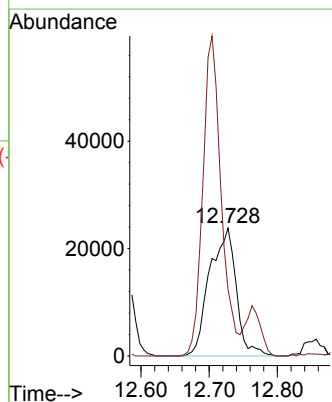
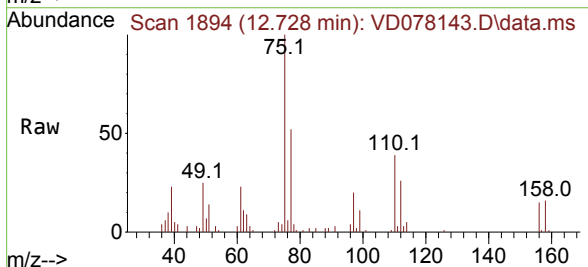
Instrument :
MSVOA_D
ClientSampleId :

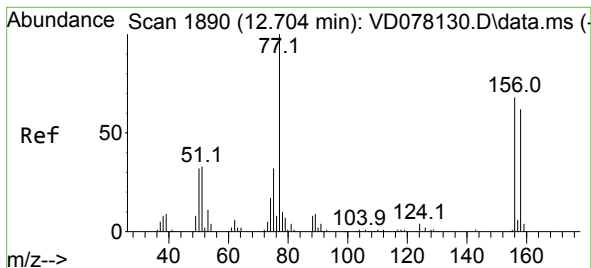
Tgt Ion: 83 Resp: 54705
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 61.3 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 85.616 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion: 75 Resp: 64687
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.880 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD078143.D

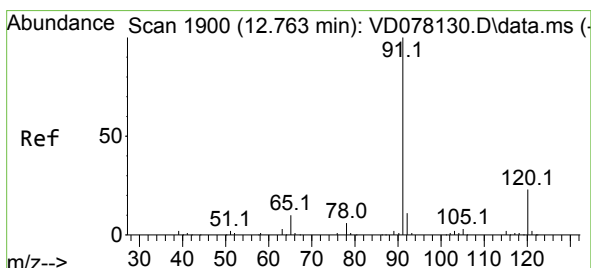
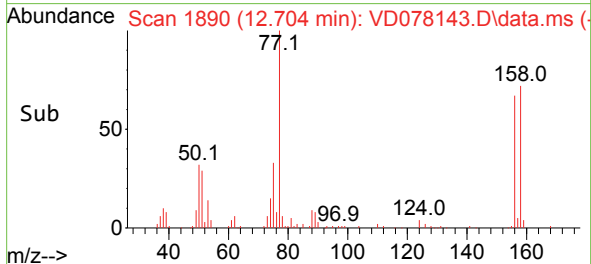
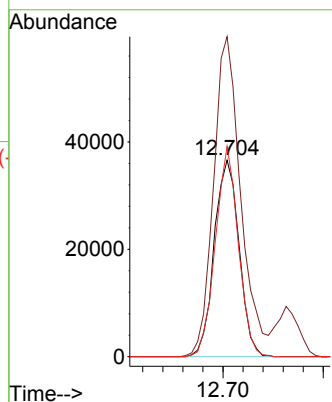
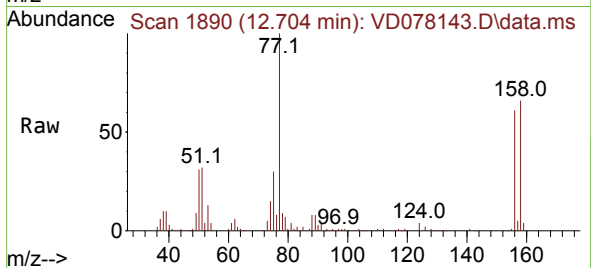
Acq: 11 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	62908
Ion Ratio	Lower	Upper	
156	100		
77	178.5	76.8	230.4
158	98.8	48.6	145.9



#78

n-propylbenzene

Concen: 46.400 ug/l

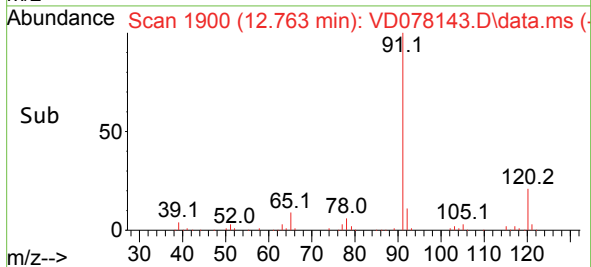
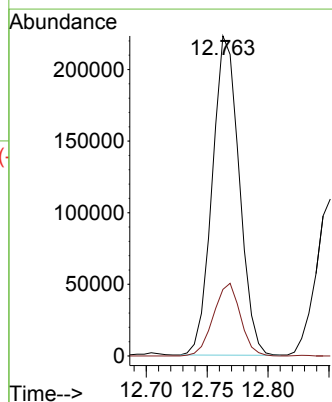
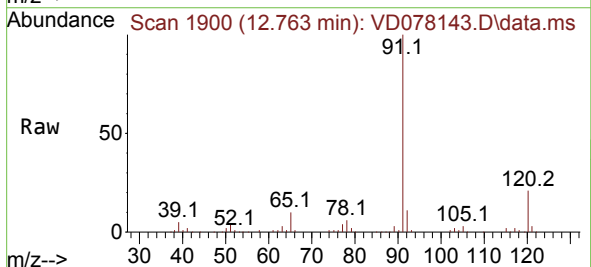
RT: 12.763 min Scan# 1900

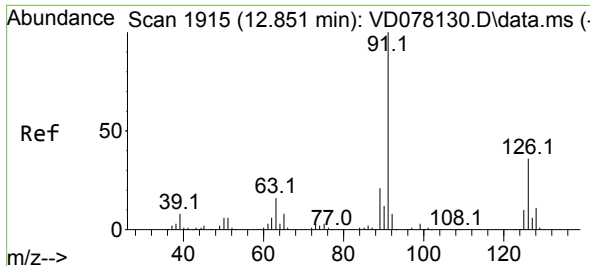
Delta R.T. -0.000 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

Tgt Ion:	91	Resp:	343182
Ion Ratio	Lower	Upper	
91	100		
120	22.7	12.4	37.2

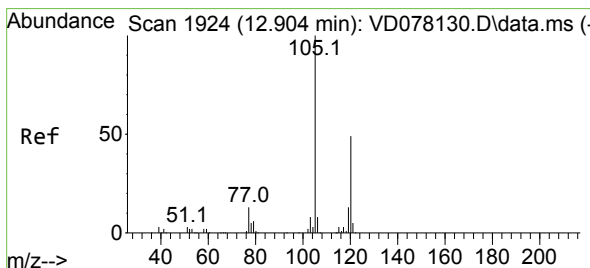
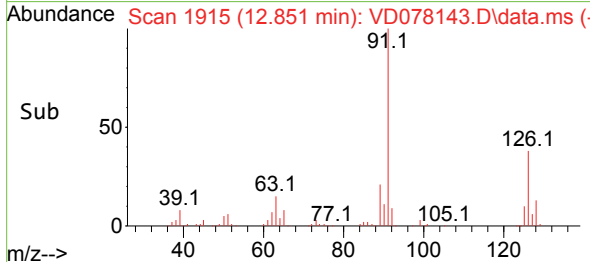
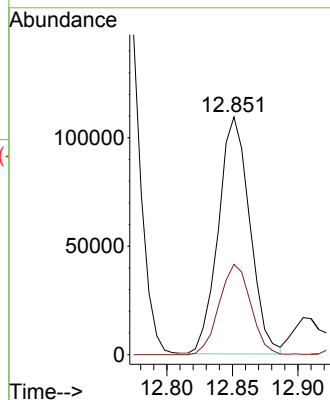
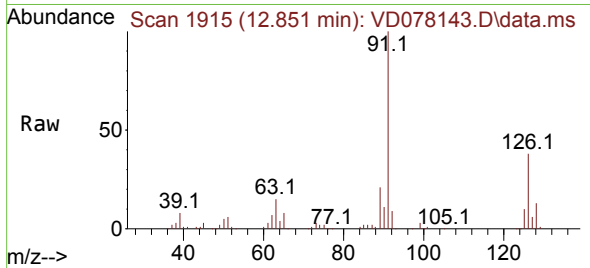




#79
2-Chlorotoluene
Concen: 46.359 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

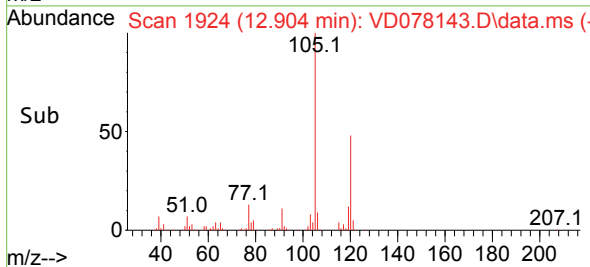
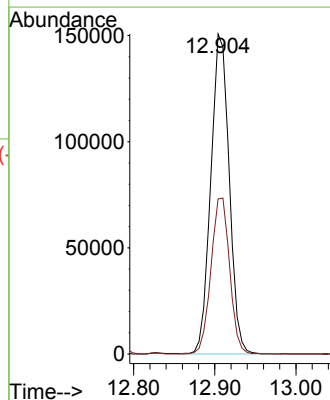
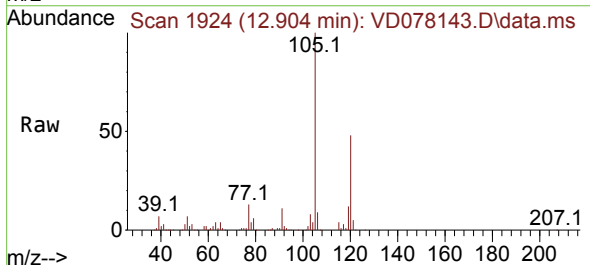
Instrument :
MSVOA_D
ClientSampleId :

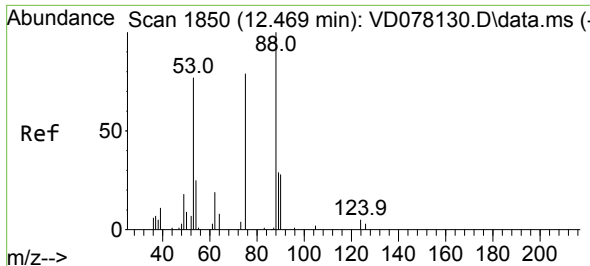
Tgt Ion: 91 Resp: 182432
Ion Ratio Lower Upper
91 100
126 38.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 46.849 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion: 105 Resp: 237246
Ion Ratio Lower Upper
105 100
120 49.4 26.4 79.2

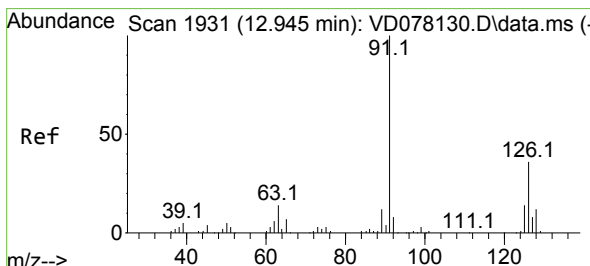
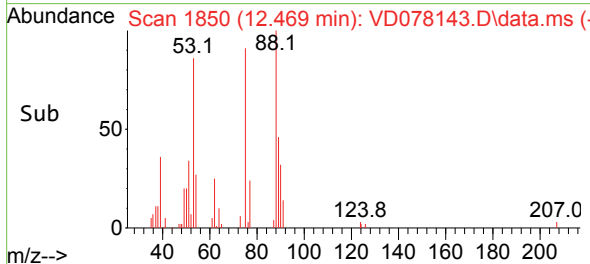
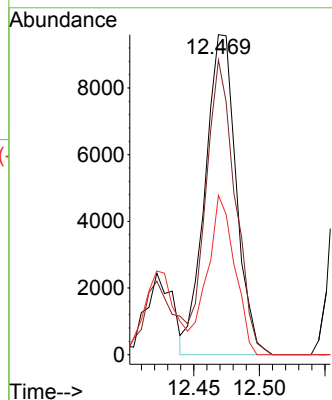
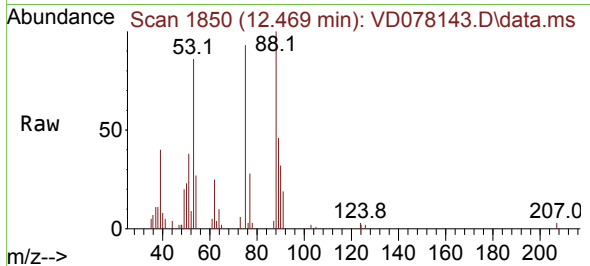




#81
trans-1,4-Dichloro-2-butene
Concen: 46.680 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

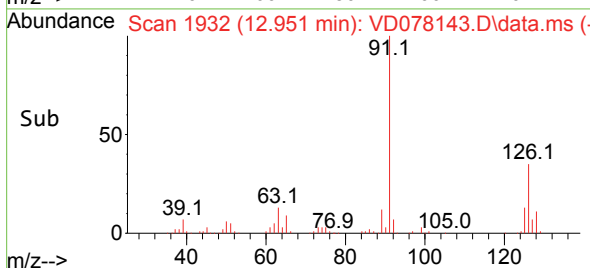
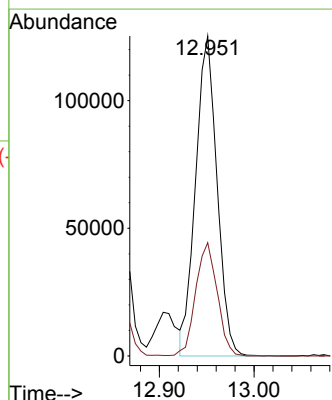
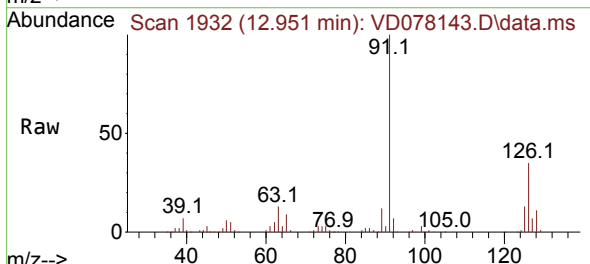
Instrument :
MSVOA_D
ClientSampleId :

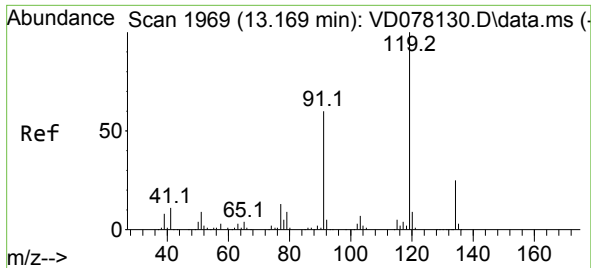
Tgt Ion: 75 Resp: 15826
Ion Ratio Lower Upper
75 100
53 86.3 63.0 94.4
89 43.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 46.453 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion: 91 Resp: 196628
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.4

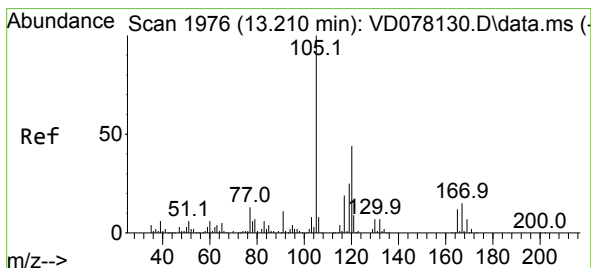
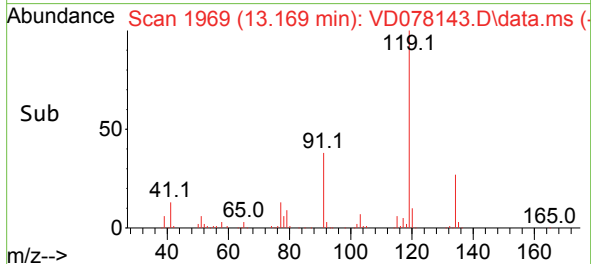
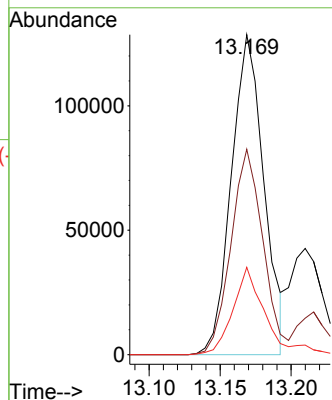
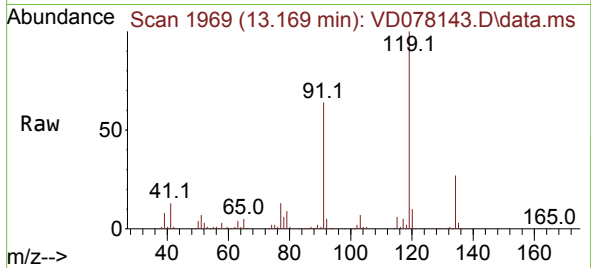




#83
tert-Butylbenzene
Concen: 46.208 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

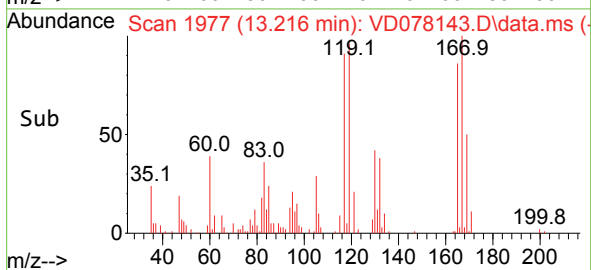
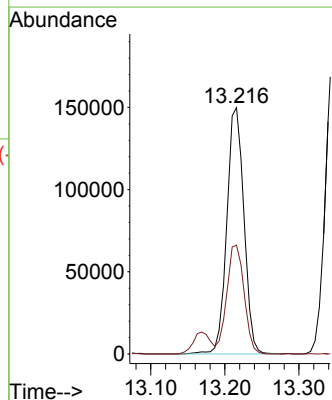
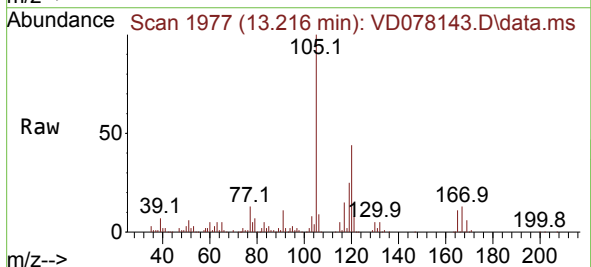
Instrument :
MSVOA_D
ClientSampleId :

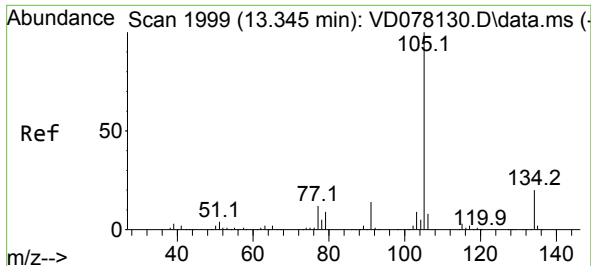
Tgt Ion:119 Resp: 204868
Ion Ratio Lower Upper
119 100
91 63.5 29.3 87.8
134 27.2 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 47.793 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion:105 Resp: 240277
Ion Ratio Lower Upper
105 100
120 44.8 24.3 72.9

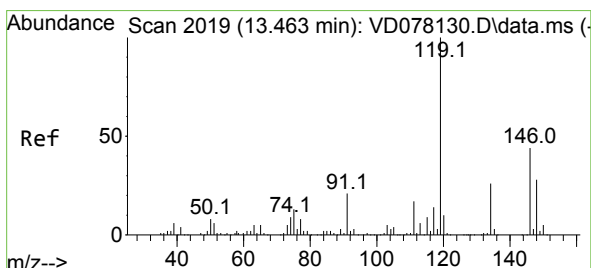
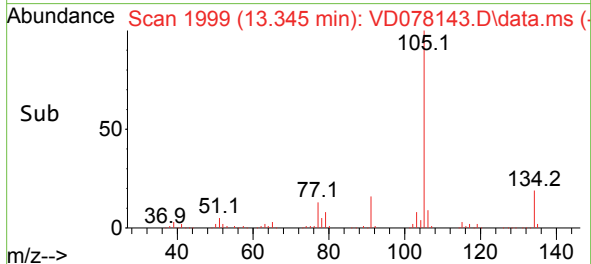
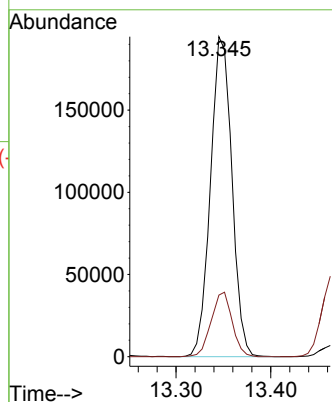
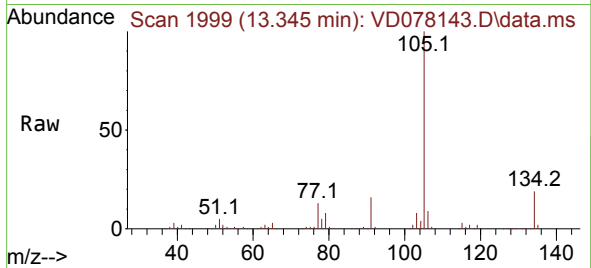




#85
 sec-Butylbenzene
 Concen: 47.085 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078143.D
 Acq: 11 Jan 2024 09:23

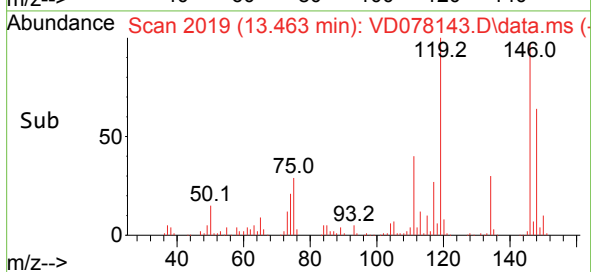
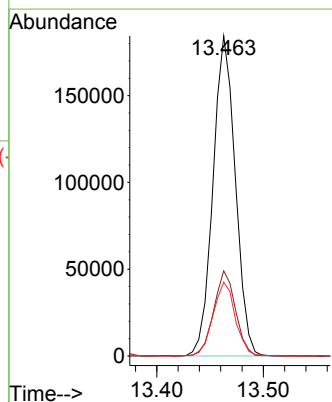
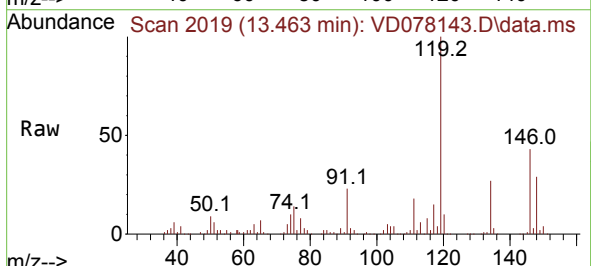
Instrument :
 MSVOA_D
 ClientSampleId :

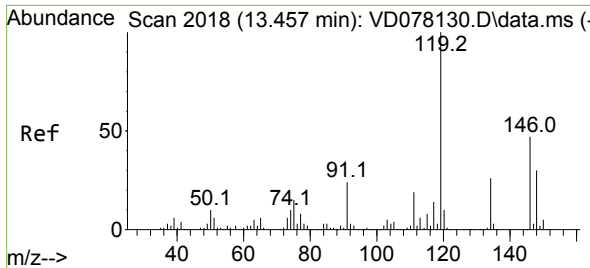
Tgt Ion:105 Resp: 305853
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 46.670 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD078143.D
 Acq: 11 Jan 2024 09:23

Tgt Ion:119 Resp: 268432
 Ion Ratio Lower Upper
 119 100
 134 25.9 14.2 42.6
 91 23.1 10.5 31.5

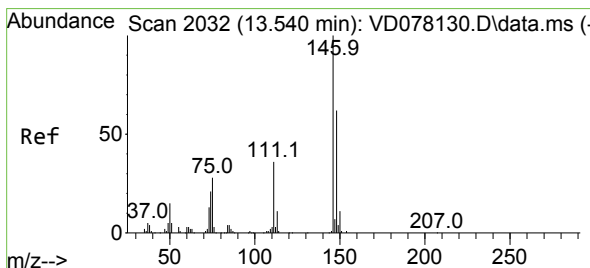
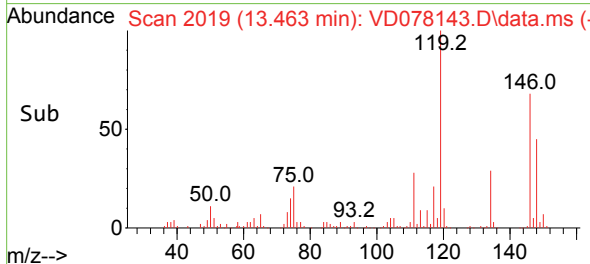
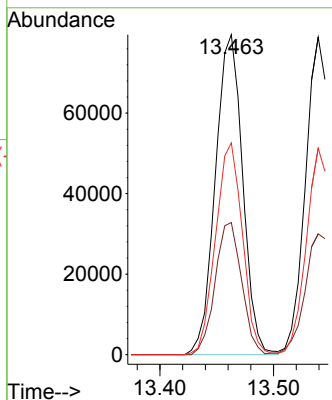
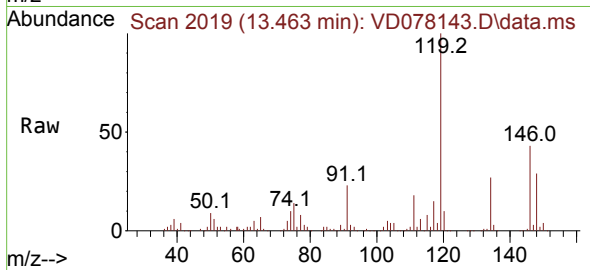




#87
 1,3-Dichlorobenzene
 Concen: 45.621 ug/l
 RT: 13.463 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD078143.D
 Acq: 11 Jan 2024 09:23

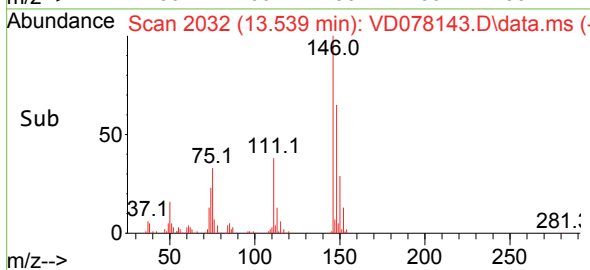
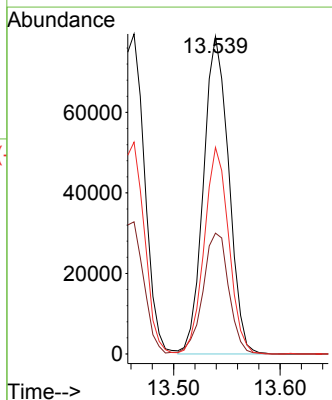
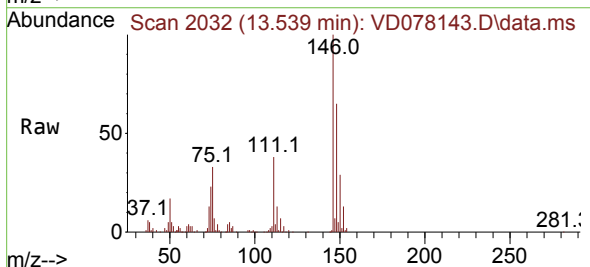
Instrument :
 MSVOA_D
 ClientSampleId :

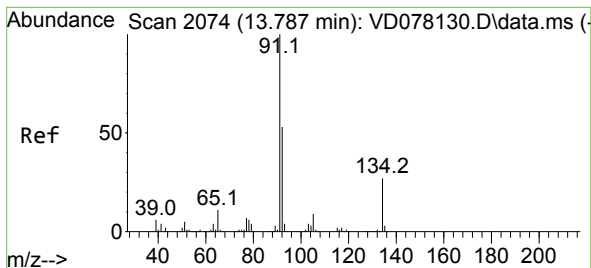
Tgt Ion:146 Resp: 132679
 Ion Ratio Lower Upper
 146 100
 111 40.2 17.9 53.8
 148 65.3 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 45.328 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD078143.D
 Acq: 11 Jan 2024 09:23

Tgt Ion:146 Resp: 130213
 Ion Ratio Lower Upper
 146 100
 111 39.0 17.4 52.3
 148 63.2 31.7 95.1





#89

n-Butylbenzene

Concen: 46.121 ug/l

RT: 13.792 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VD078143.D

Acq: 11 Jan 2024 09:23

Instrument :

MSVOA_D

ClientSampleId :

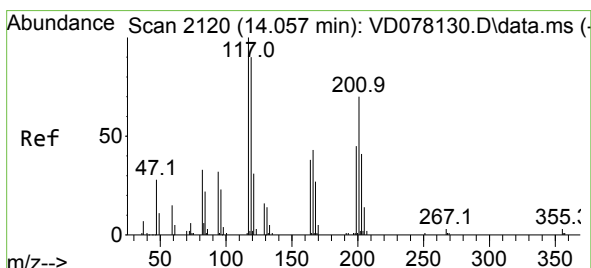
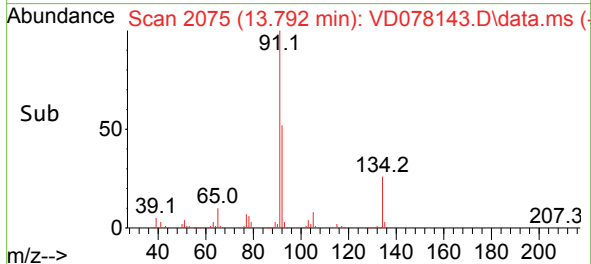
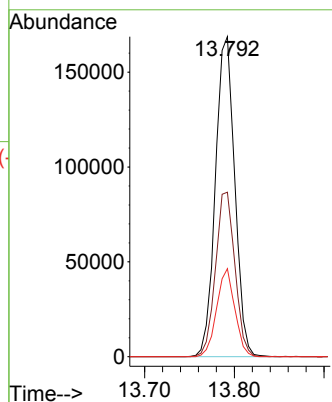
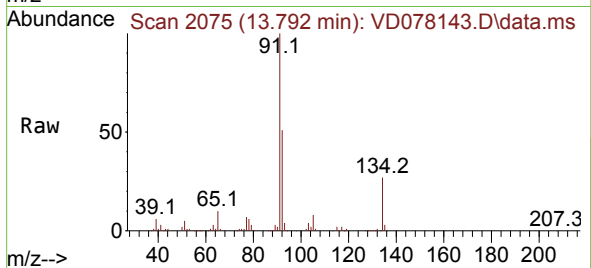
Tgt Ion: 91 Resp: 251911

Ion Ratio Lower Upper

91 100

92 51.7 26.5 79.5

134 25.9 13.8 41.3



#90

Hexachloroethane

Concen: 45.385 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VD078143.D

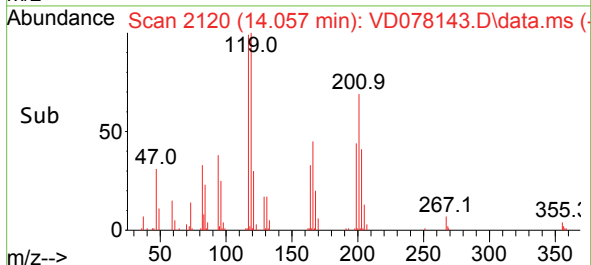
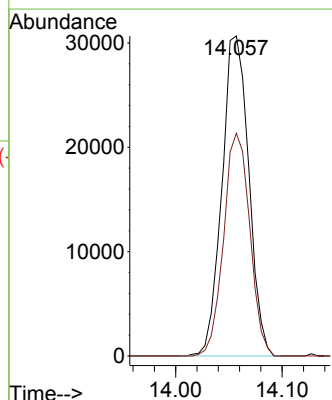
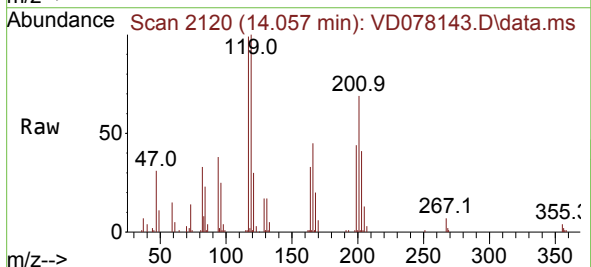
Acq: 11 Jan 2024 09:23

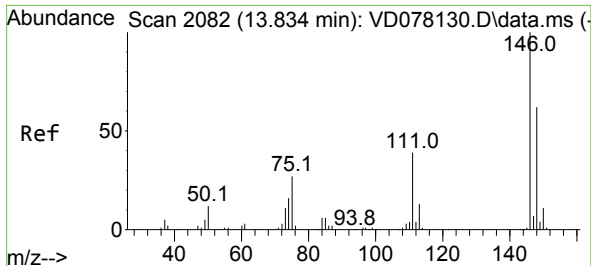
Tgt Ion: 117 Resp: 53652

Ion Ratio Lower Upper

117 100

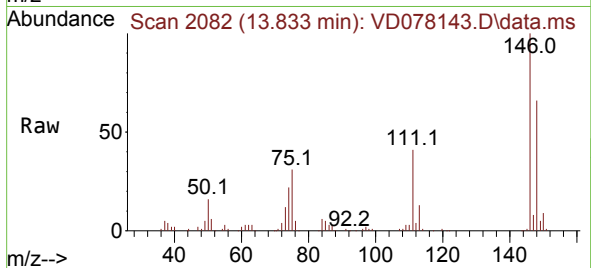
201 67.8 38.5 115.5



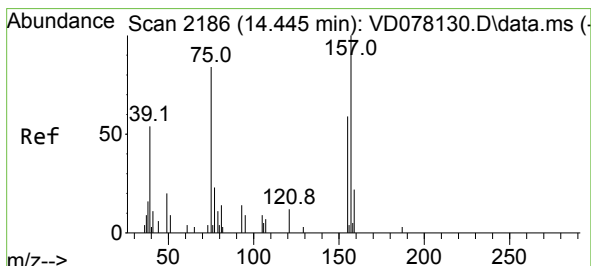
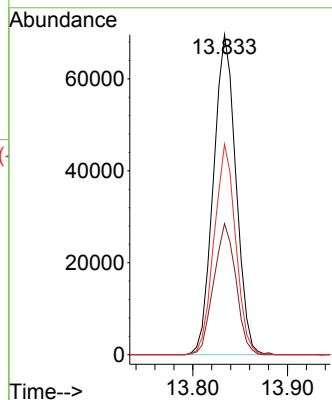
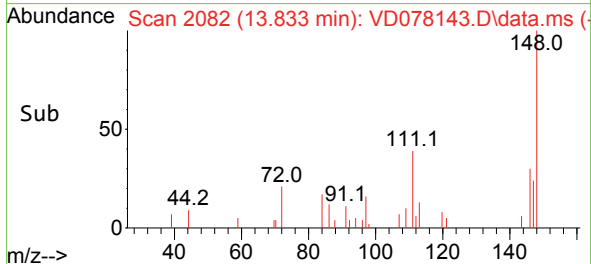


#91
1,2-Dichlorobenzene
Concen: 45.808 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

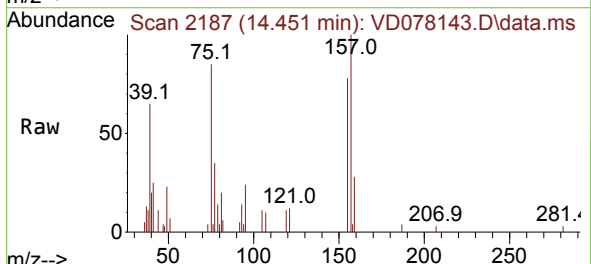
Instrument :
MSVOA_D
ClientSampleId :



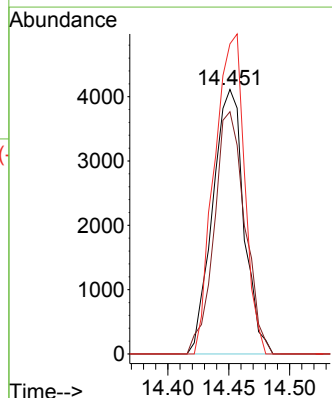
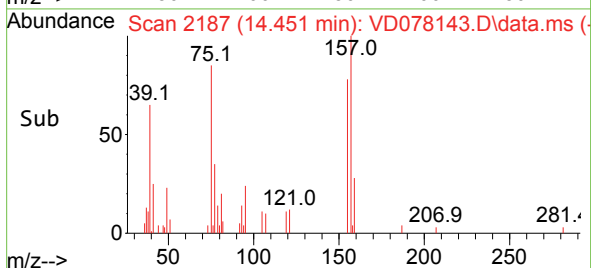
Tgt Ion:146 Resp: 114921
Ion Ratio Lower Upper
146 100
111 40.3 18.3 54.8
148 63.1 31.6 94.7

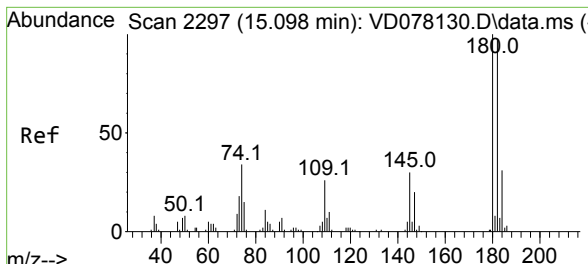


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.261 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23



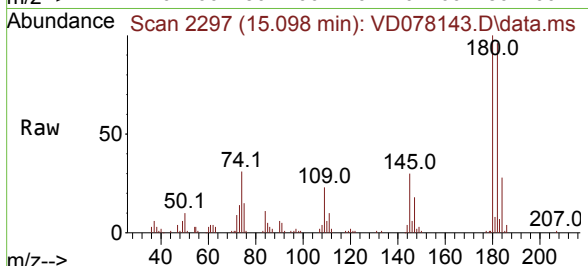
Tgt Ion: 75 Resp: 7353
Ion Ratio Lower Upper
75 100
155 90.3 47.9 143.8
157 116.4 59.9 179.7



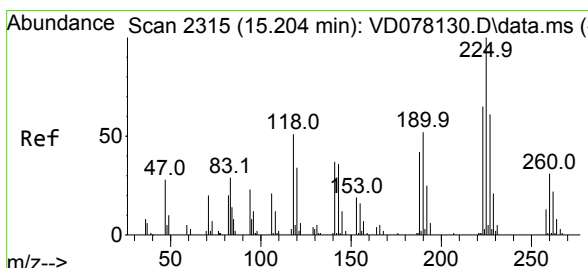
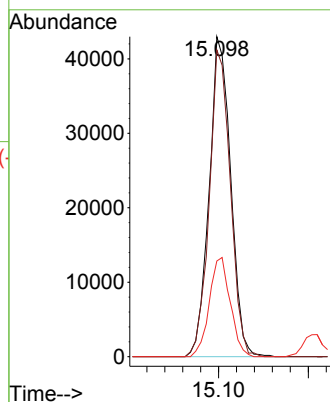
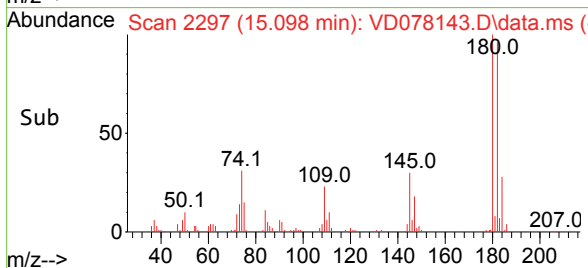


#93
 1,2,4-Trichlorobenzene
 Concen: 46.058 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD078143.D
 Acq: 11 Jan 2024 09:23

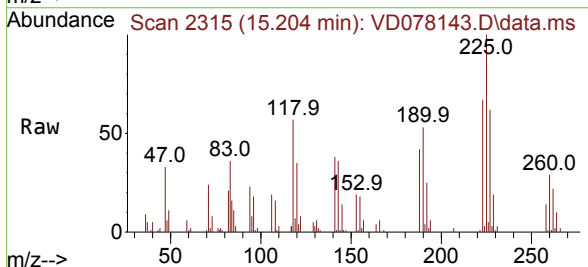
Instrument :
 MSVOA_D
 ClientSampleId :



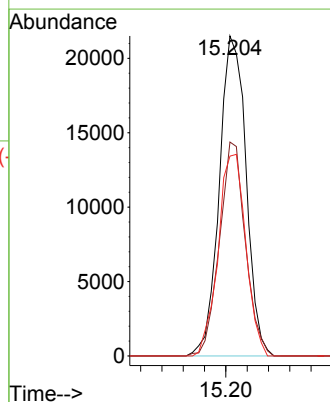
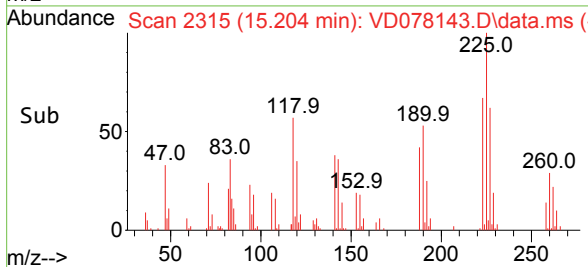
Tgt Ion:180 Resp: 71549
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.5 145.6
 145 30.2 14.2 42.6

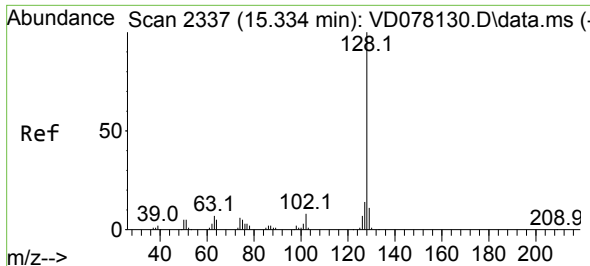


#94
 Hexachlorobutadiene
 Concen: 42.698 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. -0.000 min
 Lab File: VD078143.D
 Acq: 11 Jan 2024 09:23



Tgt Ion:225 Resp: 37424
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.6 94.8
 227 65.1 31.7 95.1

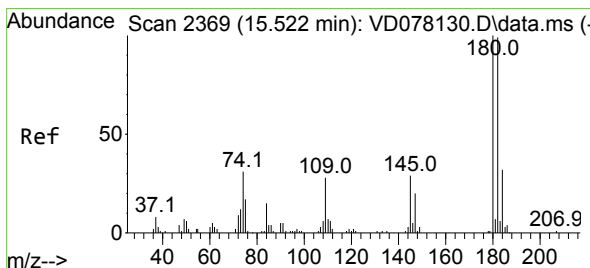
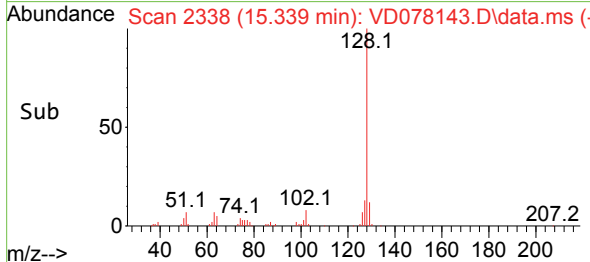
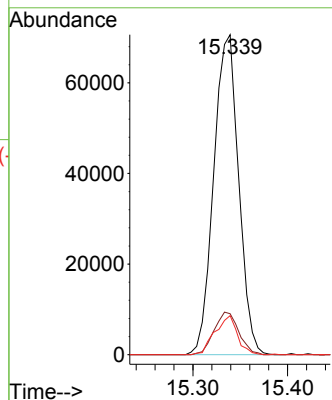
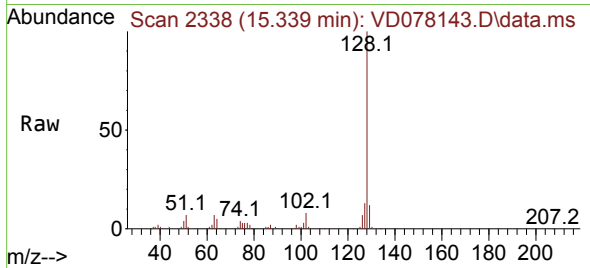




#95
Naphthalene
Concen: 46.909 ug/l
RT: 15.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 129183
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 12.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 46.434 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078143.D
Acq: 11 Jan 2024 09:23

Tgt Ion:180 Resp: 61517
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 32.5 15.1 45.3

