

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021324\
 Data File : VD078399.D
 Acq On : 13 Feb 2024 10:58
 Operator : RP/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Feb 14 00:48:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 00:36:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	147630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	266227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	245977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	115617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	16675	10.446	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.900%#
35) Dibromofluoromethane	7.810	113	15549	9.194	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	18.380%#
50) Toluene-d8	10.269	98	62644	9.260	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	18.520%#
62) 4-Bromofluorobenzene	12.575	95	17442	8.860	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	17.720%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	13913	9.565	ug/l	100
3) Chloromethane	2.152	50	27494	10.285	ug/l	97
4) Vinyl Chloride	2.281	62	41494	10.172	ug/l	95
5) Bromomethane	2.687	94	26766	9.506	ug/l	97
6) Chloroethane	2.834	64	31054	10.440	ug/l	97
7) Trichlorofluoromethane	3.175	101	28990	10.536	ug/l	97
8) Diethyl Ether	3.599	74	7699	9.714	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.964	101	17960	10.346	ug/l	96
10) Methyl Iodide	4.169	142	14111	9.076	ug/l #	90
11) Tert butyl alcohol	5.052	59	2732	26.529	ug/l	99
12) 1,1-Dichloroethene	3.934	96	15510	9.637	ug/l #	68
13) Acrolein	3.799	56	8740	59.268	ug/l	95
14) Allyl chloride	4.564	41	20367	10.244	ug/l	89
15) Acrylonitrile	5.258	53	15938	46.975	ug/l	93
16) Acetone	4.022	43	20830	47.536	ug/l	97
17) Carbon Disulfide	4.269	76	57016	10.529	ug/l	99
18) Methyl Acetate	4.564	43	7028	9.659	ug/l #	78
19) Methyl tert-butyl Ether	5.322	73	33594	9.825	ug/l	92
20) Methylene Chloride	4.799	84	22516	9.979	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	18525	9.785	ug/l	92
22) Diisopropyl ether	6.210	45	44919	10.251	ug/l #	86
23) Vinyl Acetate	6.158	43	131438	60.227	ug/l	94
24) 1,1-Dichloroethane	6.116	63	32536	10.481	ug/l	95
25) 2-Butanone	7.087	43	25981	52.038	ug/l #	82
26) 2,2-Dichloropropane	7.075	77	25772	9.904	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	20365	9.804	ug/l	90
28) Bromochloromethane	7.434	49	11369	9.247	ug/l #	79
29) Tetrahydrofuran	7.446	42	11215	47.244	ug/l	93
30) Chloroform	7.593	83	33708	10.263	ug/l	96
31) Cyclohexane	7.881	56	28184	10.438	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	28705	10.251	ug/l	97
36) 1,1-Dichloropropene	8.010	75	26075	9.925	ug/l	94
37) Ethyl Acetate	7.175	43	9534	10.353	ug/l	93
38) Carbon Tetrachloride	7.993	117	25839	9.932	ug/l	91
39) Methylcyclohexane	9.275	83	27581	8.843	ug/l #	87
40) Benzene	8.252	78	73864	9.727	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	4813	10.042	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	20238	10.300	ug/l	96
43) Isopropyl Acetate	8.363	43	16381	9.606	ug/l #	72
44) Trichloroethene	9.034	130	18991	9.803	ug/l	98
45) 1,2-Dichloropropane	9.304	63	17717	9.509	ug/l	94
46) Dibromomethane	9.393	93	10308	9.836	ug/l #	88
47) Bromodichloromethane	9.581	83	25509	9.828	ug/l	93
48) Methyl methacrylate	9.381	41	7412	8.192	ug/l #	82
49) 1,4-Dioxane	9.381	88	1850	163.013	ug/l #	82
51) 4-Methyl-2-Pentanone	10.157	43	44657	49.339	ug/l	90
52) Toluene	10.334	92	44515	9.270	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	22668	9.571	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	28004	9.751	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	13315	9.435	ug/l #	85
56) Ethyl methacrylate	10.598	69	13711	10.505	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	23591	9.827	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	34367	44.701	ug/l	94
59) 2-Hexanone	10.922	43	35490	52.176	ug/l	87
60) Dibromochloromethane	11.075	129	16153	9.513	ug/l	92
61) 1,2-Dibromoethane	11.181	107	12729	9.608	ug/l	97
64) Tetrachloroethene	10.810	164	15016	9.665	ug/l	90
65) Chlorobenzene	11.604	112	47173	9.539	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	17502	9.631	ug/l	95
67) Ethyl Benzene	11.687	91	80567	9.093	ug/l	96
68) m/p-Xylenes	11.793	106	61525	17.802	ug/l	87
69) o-Xylene	12.122	106	27565	8.740	ug/l	89
70) Styrene	12.134	104	48367	9.396	ug/l	95
71) Bromoform	12.298	173	9185	9.602	ug/l #	97
73) Isopropylbenzene	12.422	105	70625	9.097	ug/l	96
74) N-amyl acetate	12.234	43	15845	10.788	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	16863	10.950	ug/l	91
76) 1,2,3-Trichloropropane	12.728	75	20068	20.392	ug/l #	100
77) Bromobenzene	12.704	156	16862	9.242	ug/l	81
78) n-propylbenzene	12.763	91	92095	9.519	ug/l	94
79) 2-Chlorotoluene	12.851	91	50767	9.797	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	60106	9.324	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	4892	10.347	ug/l	92
82) 4-Chlorotoluene	12.951	91	55279	9.933	ug/l	94
83) tert-Butylbenzene	13.169	119	50194	9.232	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	60048	9.178	ug/l	95
85) sec-Butylbenzene	13.345	105	80377	9.533	ug/l	95
86) p-Isopropyltoluene	13.463	119	62556	8.711	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	37290	9.576	ug/l	95
88) 1,4-Dichlorobenzene	13.540	146	38577	10.082	ug/l	96
89) n-Butylbenzene	13.787	91	65635	9.482	ug/l	93
90) Hexachloroethane	14.051	117	15130	10.250	ug/l	83
91) 1,2-Dichlorobenzene	13.834	146	30765	9.408	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.445	75	2310	11.456	ug/l	87
93) 1,2,4-Trichlorobenzene	15.104	180	18214	9.478	ug/l	95
94) Hexachlorobutadiene	15.204	225	9500	9.471	ug/l	99
95) Naphthalene	15.334	128	32502	9.118	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	14448	8.871	ug/l	88

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QLast Update : Wed Feb 14 00:36:44 2024
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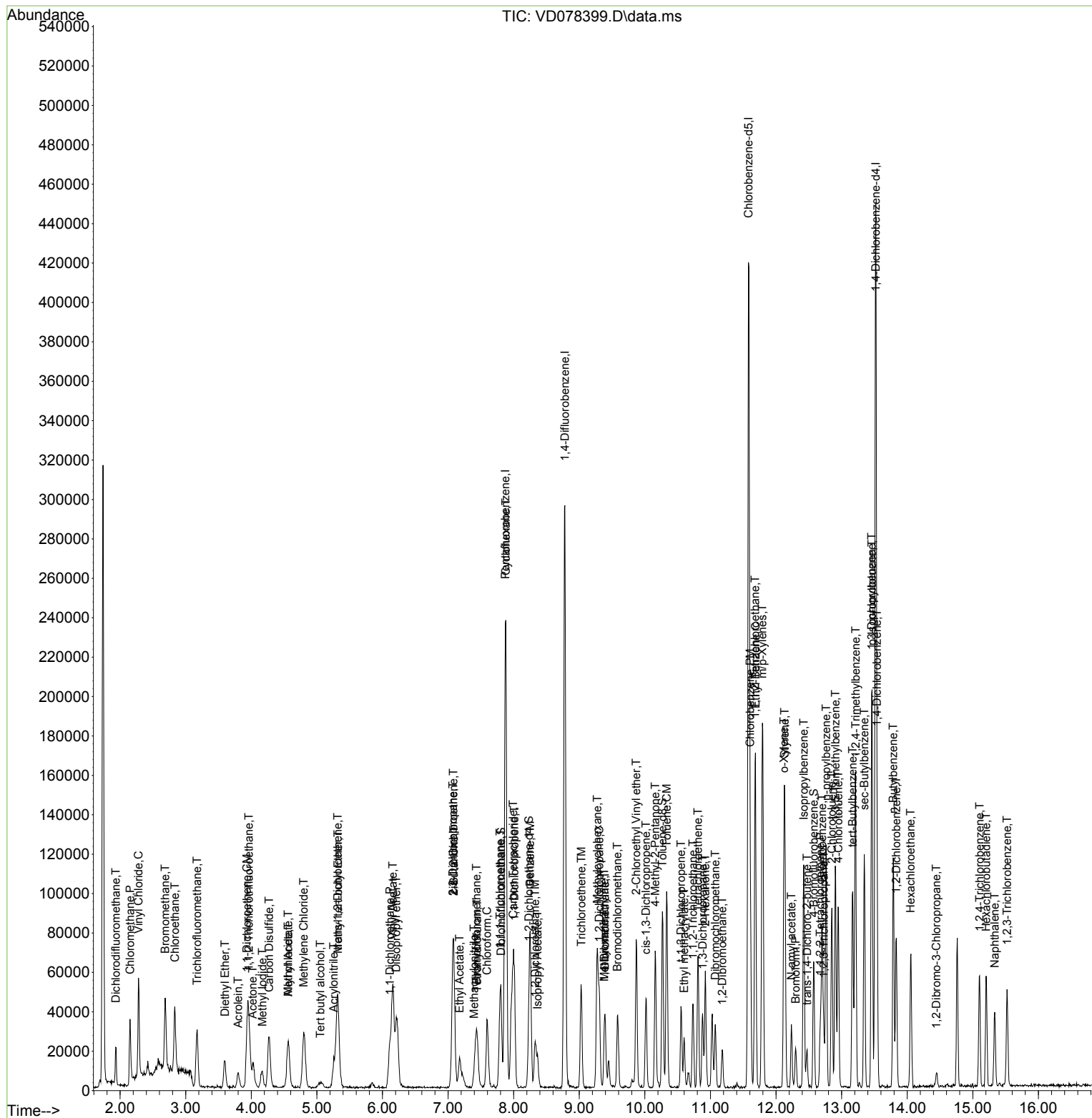
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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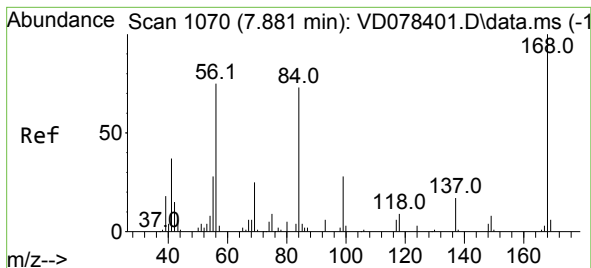
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD078399.D

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Instrument :

MSVOA_D

ClientSampleId :

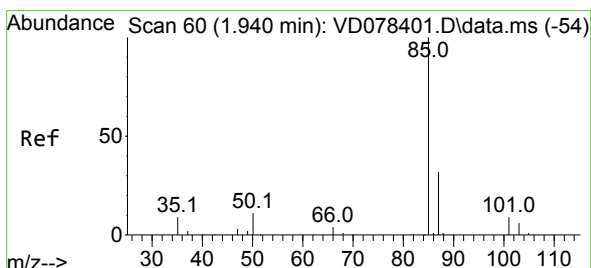
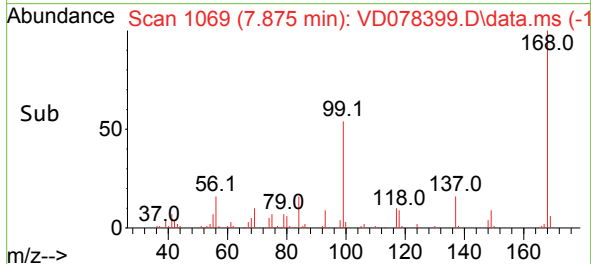
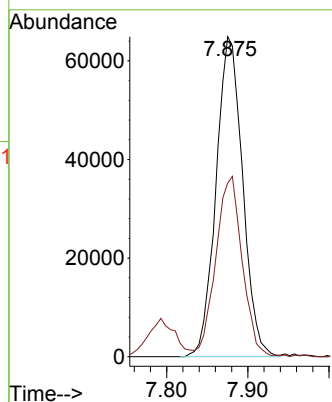
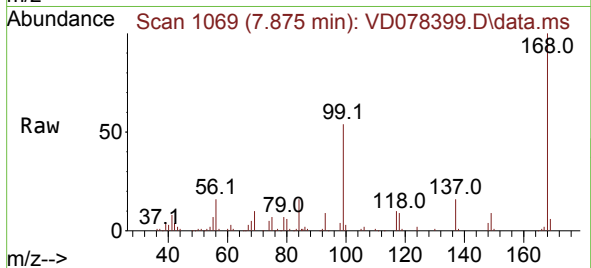
VSTDICC010

Tgt Ion:168 Resp: 147630

Ion Ratio Lower Upper

168 100

99 53.9 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 9.565 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.006 min

Lab File: VD078399.D

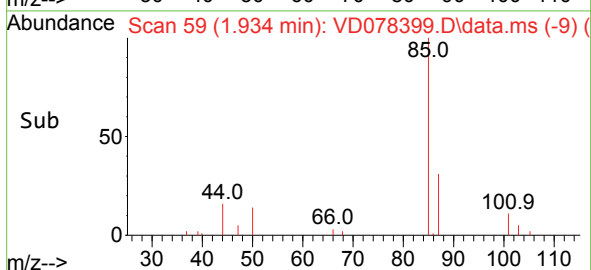
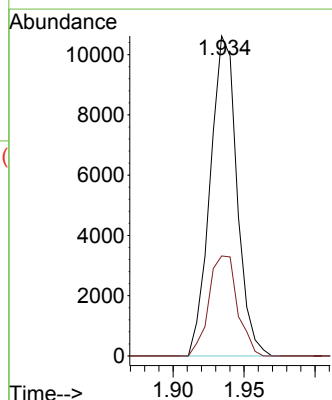
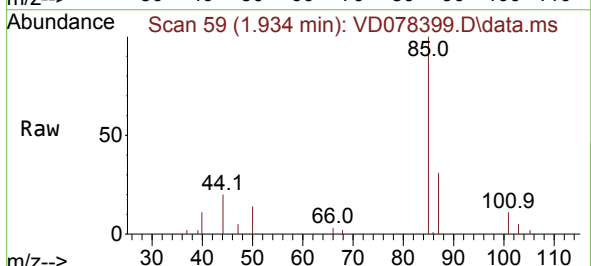
Acq: 13 Feb 2024 10:58

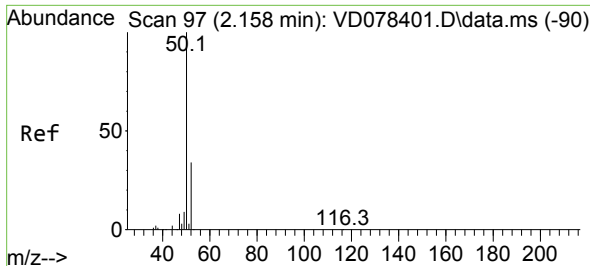
Tgt Ion: 85 Resp: 13913

Ion Ratio Lower Upper

85 100

87 31.2 15.7 47.0

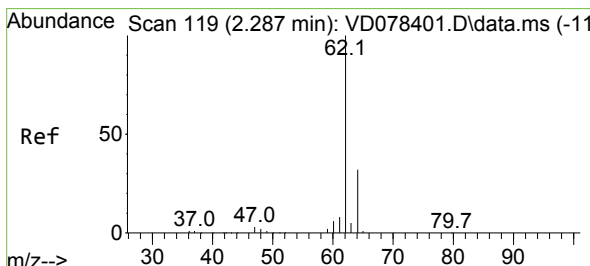
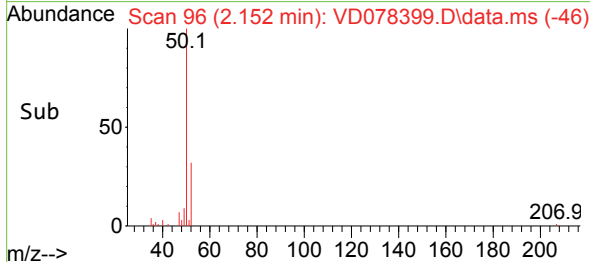
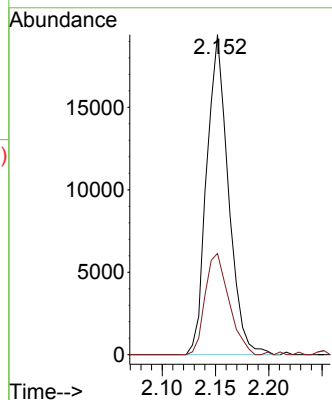
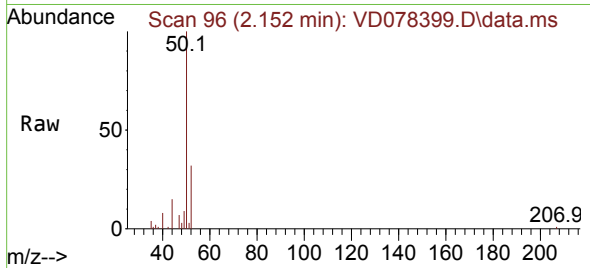




#3
Chloromethane
Concen: 10.285 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078399.D
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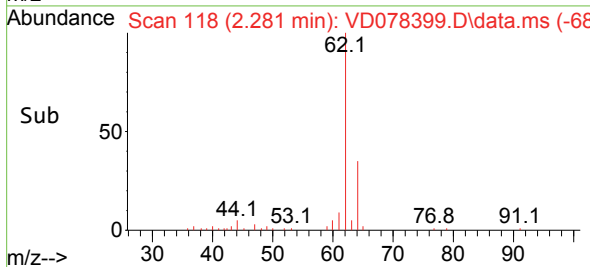
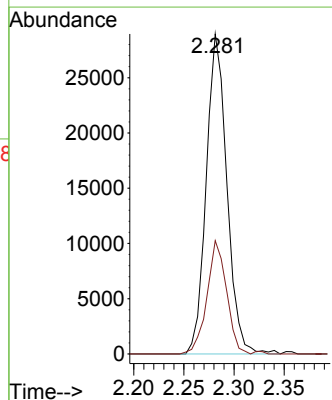
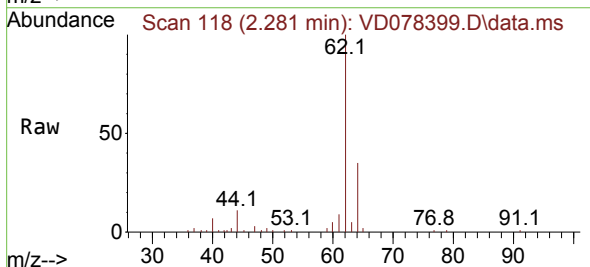
Instrument :
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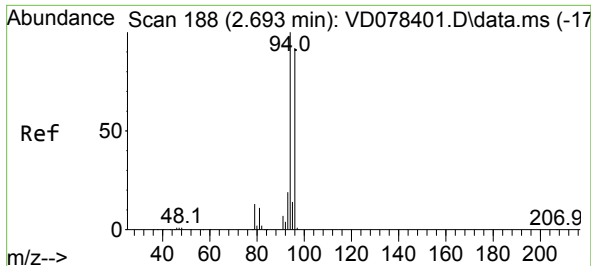
Tgt Ion: 50 Resp: 27494
Ion Ratio Lower Upper
50 100
52 31.6 26.6 40.0



#4
Vinyl Chloride
Concen: 10.172 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 62 Resp: 41494
Ion Ratio Lower Upper
62 100
64 35.4 26.0 39.0

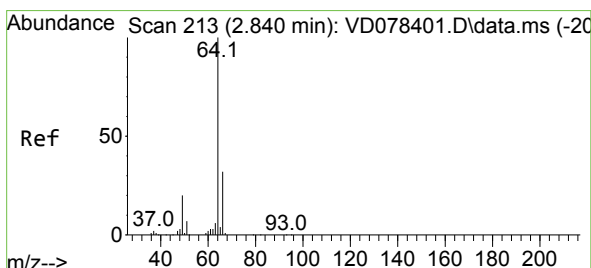
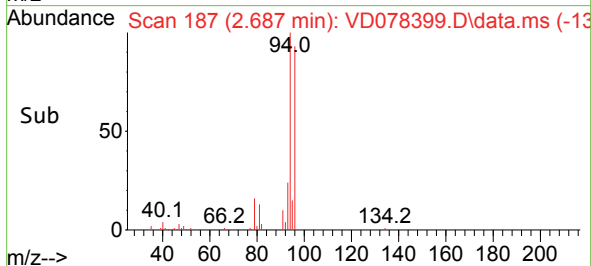
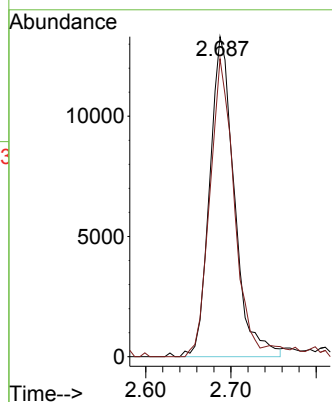
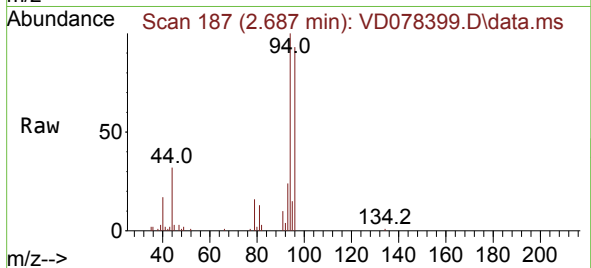




#5
Bromomethane
Concen: 9.506 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078399.D
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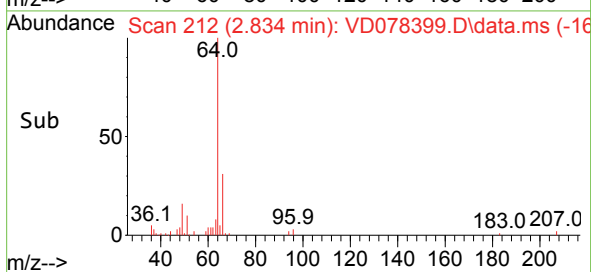
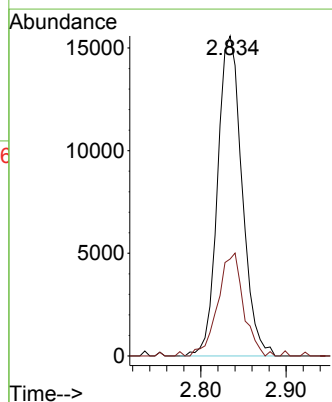
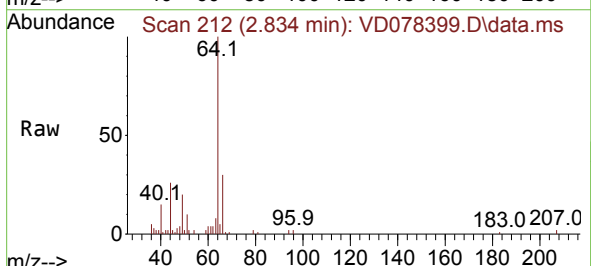
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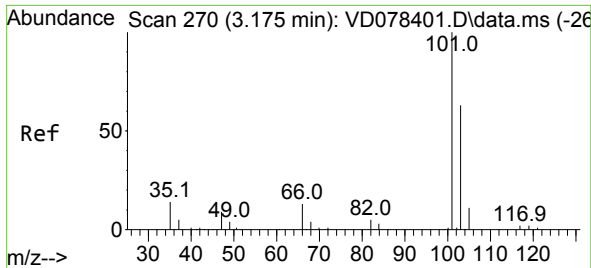
Tgt Ion: 94 Resp: 26766
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.8



#6
Chloroethane
Concen: 10.440 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 64 Resp: 31054
Ion Ratio Lower Upper
64 100
66 30.3 25.5 38.3

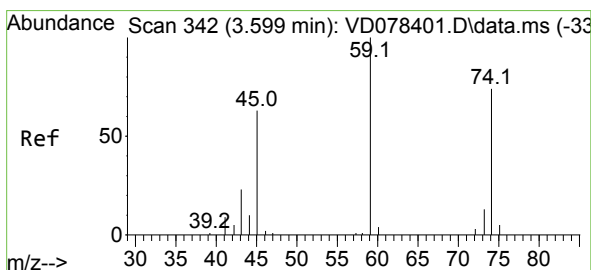
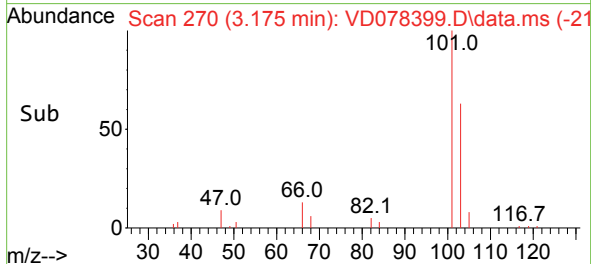
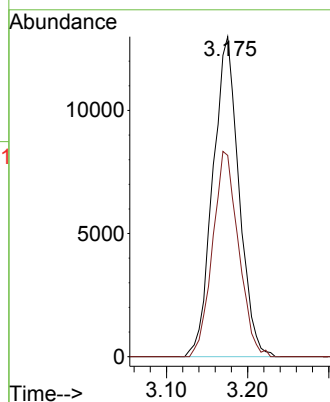
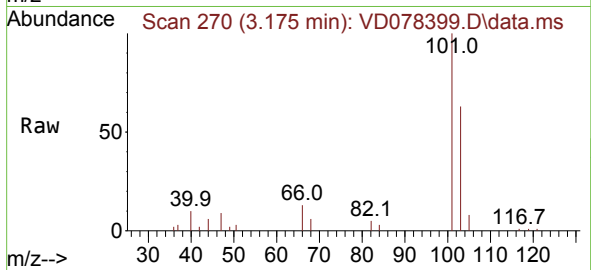




#7
 Trichlorofluoromethane
 Concen: 10.536 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078399.D
 Acq: 13 Feb 2024 10:58

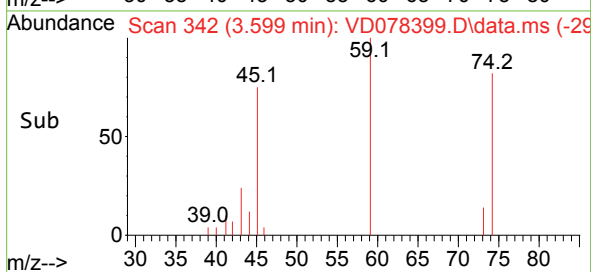
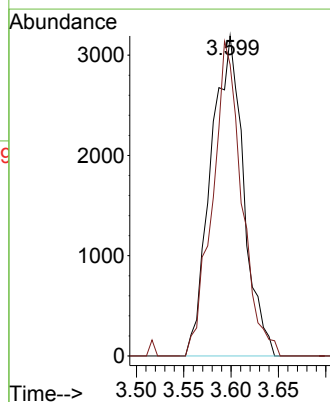
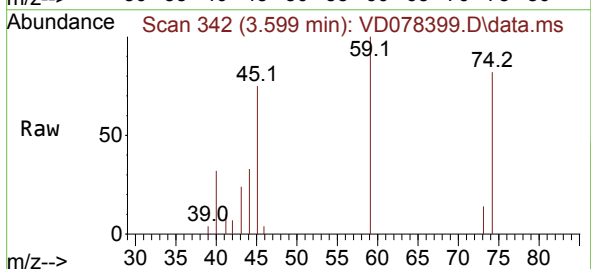
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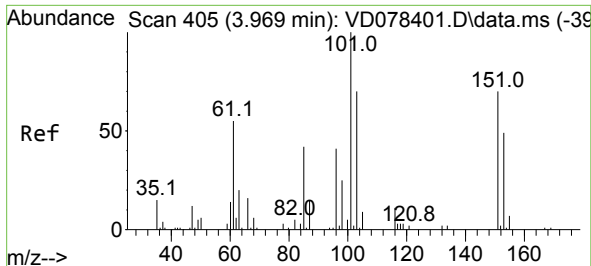
Tgt Ion:101 Resp: 28990
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 9.714 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 7699
 Ion Ratio Lower Upper
 74 100
 45 87.9 37.5 112.7

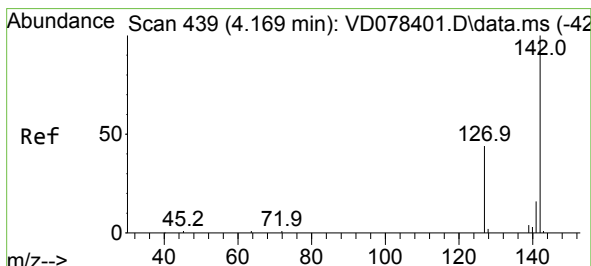
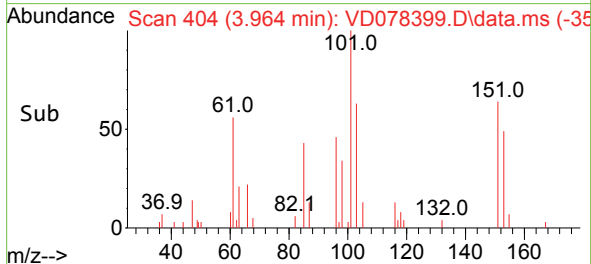
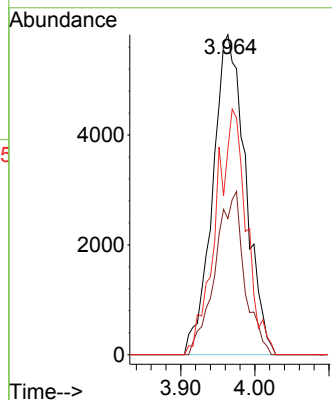
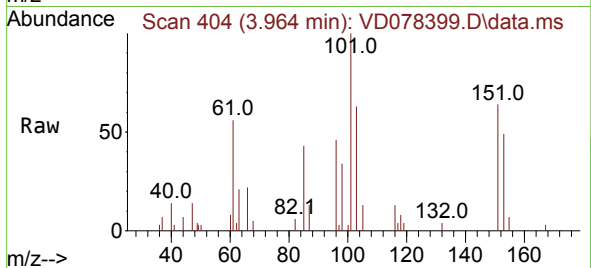




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.346 ug/l
RT: 3.964 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

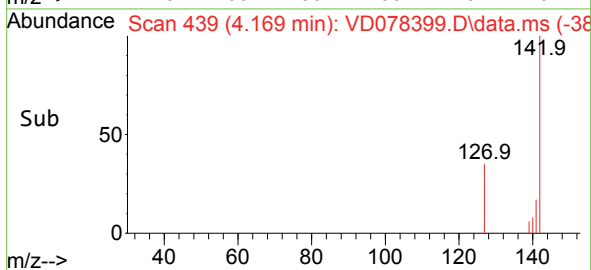
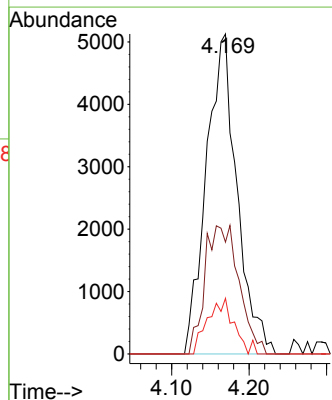
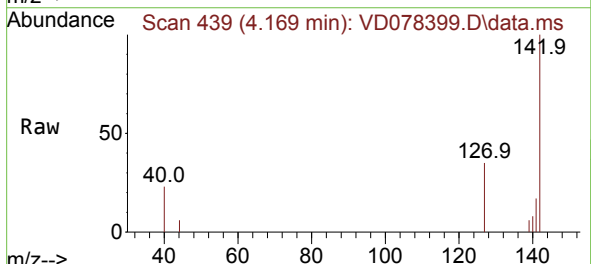
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

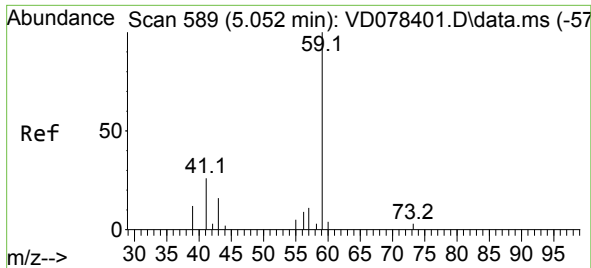
Tgt Ion:101 Resp: 17960
Ion Ratio Lower Upper
101 100
85 45.5 33.8 50.6
151 71.7 59.8 89.6



#10
Methyl Iodide
Concen: 9.076 ug/l
RT: 4.169 min Scan# 439
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion:142 Resp: 14111
Ion Ratio Lower Upper
142 100
127 44.5 29.4 44.0#
141 15.0 11.1 16.7

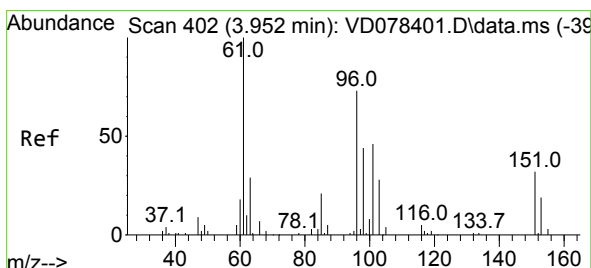
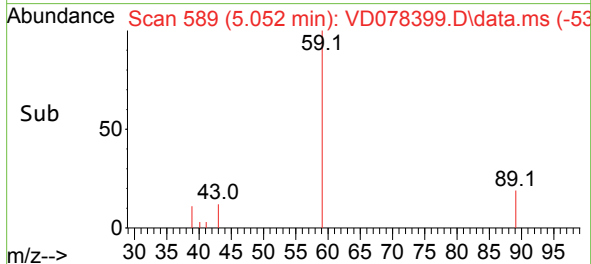
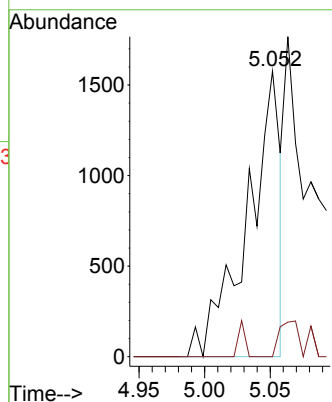
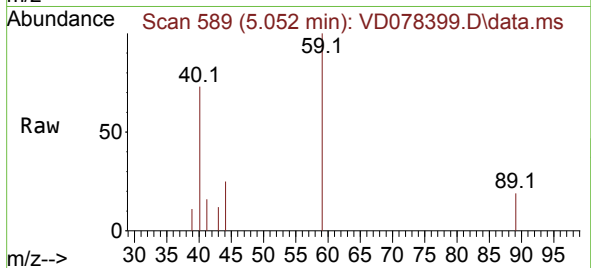




#11
Tert butyl alcohol
Concen: 26.529 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

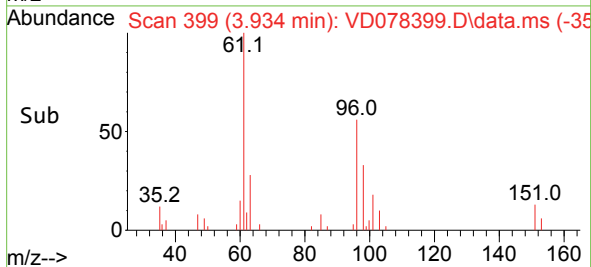
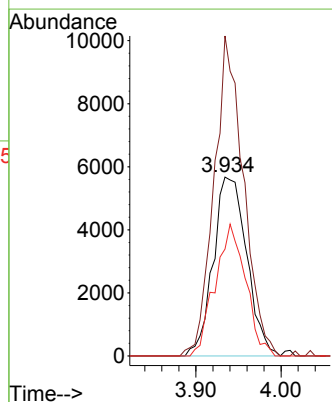
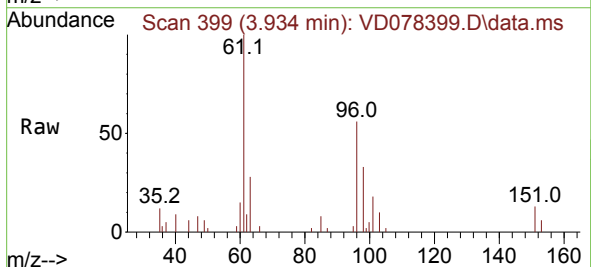
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

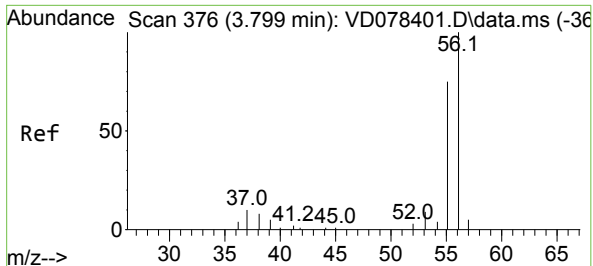
Tgt Ion: 59 Resp: 2732
Ion Ratio Lower Upper
59 100
57 9.3 7.8 11.8



#12
1,1-Dichloroethene
Concen: 9.637 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.018 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 96 Resp: 15510
Ion Ratio Lower Upper
96 100
61 178.9 100.6 150.8#
98 59.8 50.2 75.2





#13

Acrolein

Concen: 59.268 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

Instrument :

MSVOA_D

ClientSampleId :

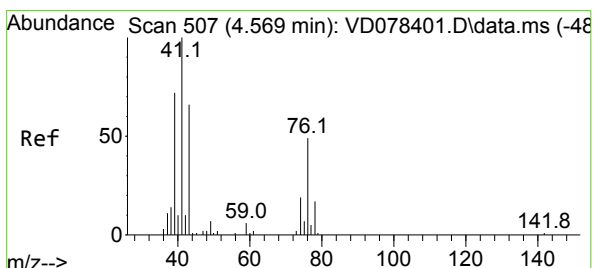
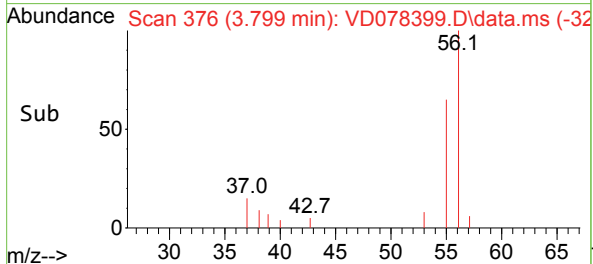
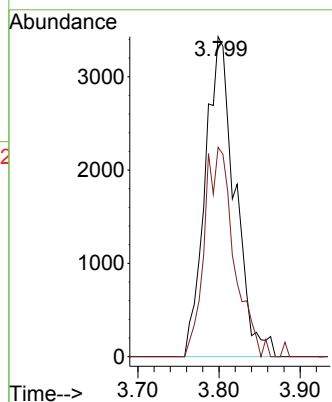
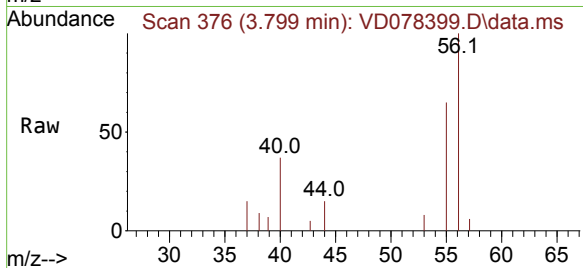
VSTDICC010

Tgt Ion: 56 Resp: 8740

Ion Ratio Lower Upper

56 100

55 65.2 55.1 82.7



#14

Allyl chloride

Concen: 10.244 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

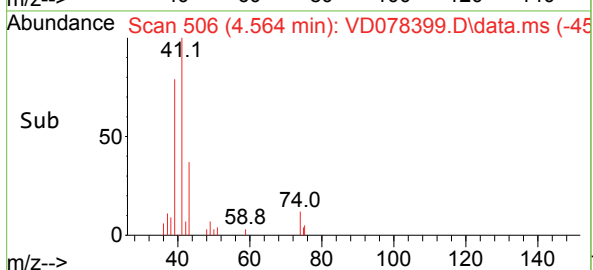
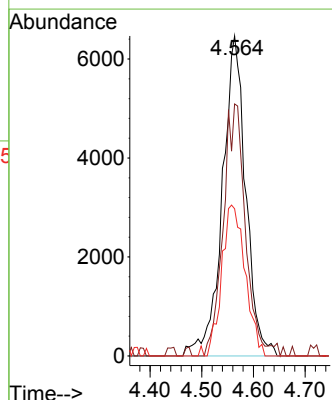
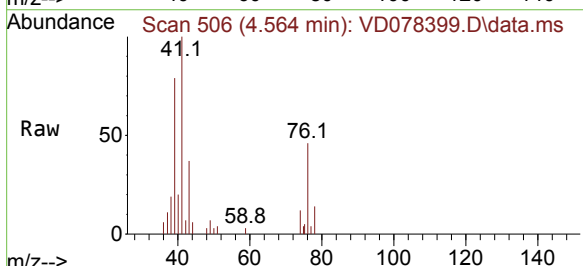
Tgt Ion: 41 Resp: 20367

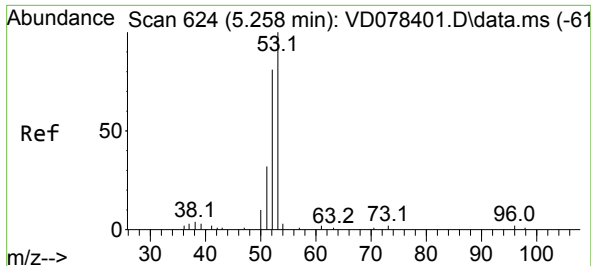
Ion Ratio Lower Upper

41 100

39 74.0 53.8 80.6

76 47.0 45.8 68.8

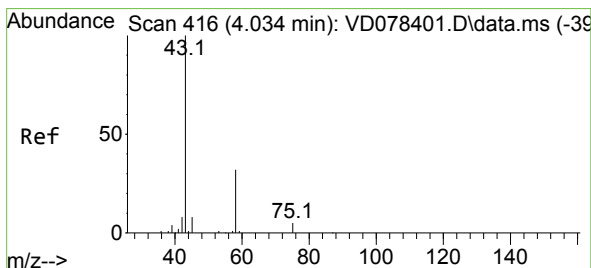
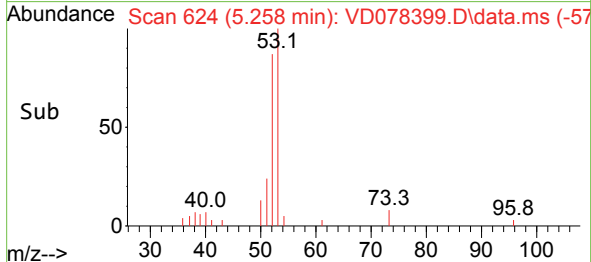
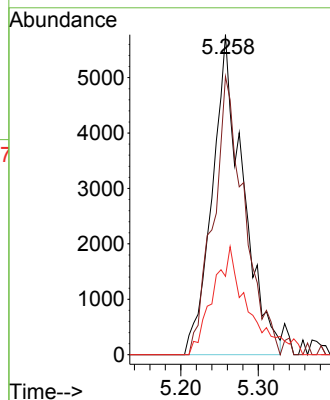
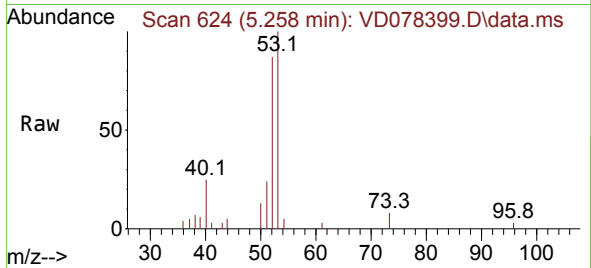




#15
Acrylonitrile
Concen: 46.975 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

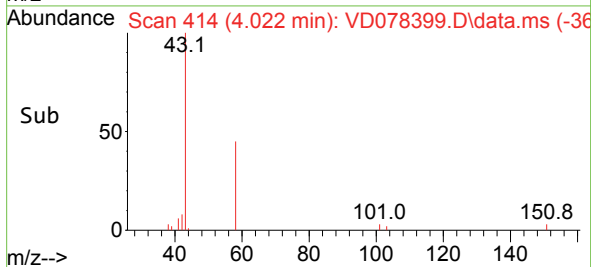
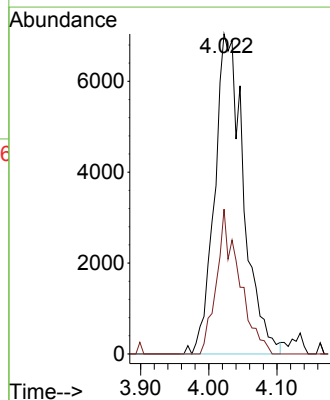
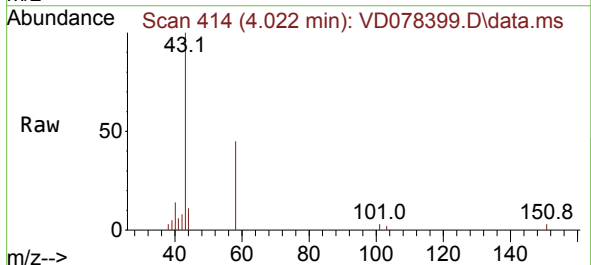
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

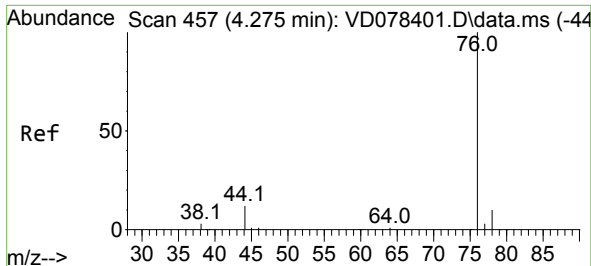
Tgt Ion:	53	Resp:	15938
Ion	Ratio	Lower	Upper
53	100		
52	87.7	65.0	97.4
51	39.1	28.3	42.5



#16
Acetone
Concen: 47.536 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.012 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion:	43	Resp:	20830
Ion	Ratio	Lower	Upper
43	100		
58	45.2	34.7	52.1

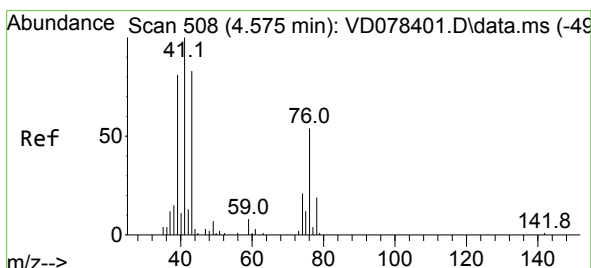
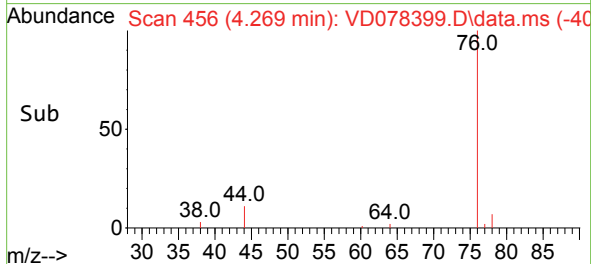
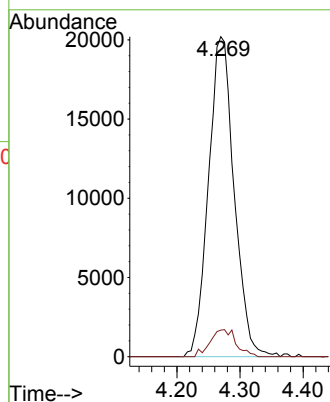
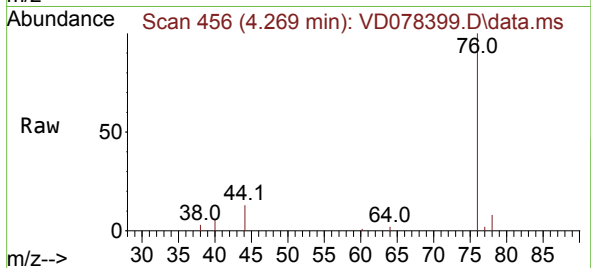




#17
Carbon Disulfide
Concen: 10.529 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

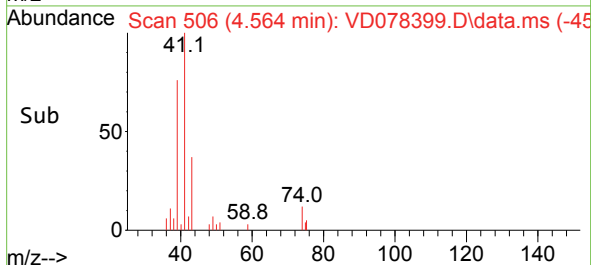
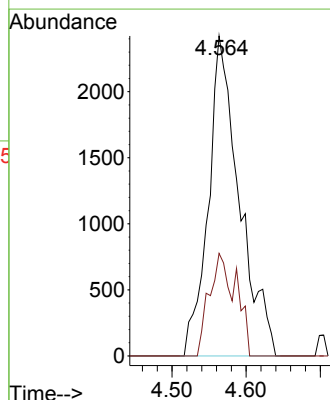
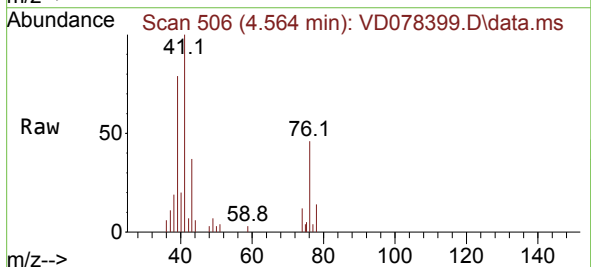
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

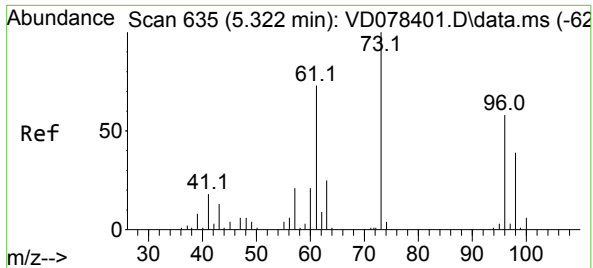
Tgt Ion: 76 Resp: 57016
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 9.659 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.011 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 43 Resp: 7028
Ion Ratio Lower Upper
43 100
74 20.6 26.4 39.6#

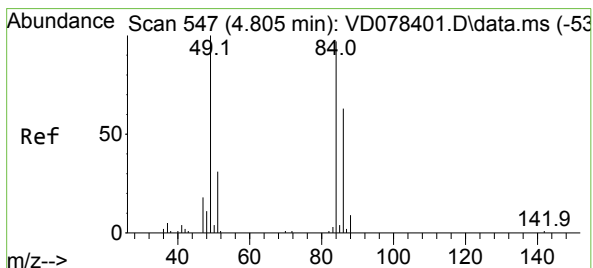
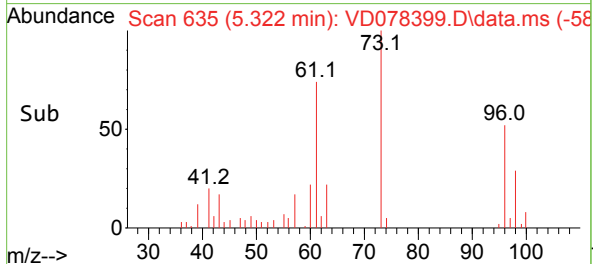
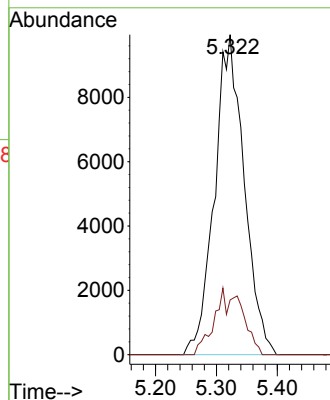
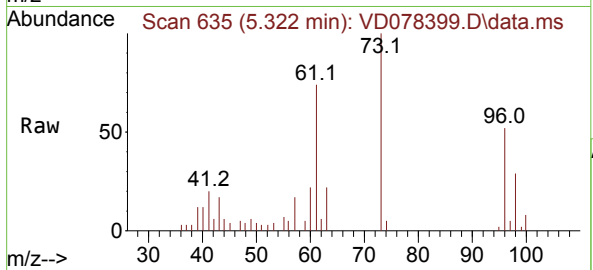




#19
Methyl tert-butyl Ether
Concen: 9.825 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

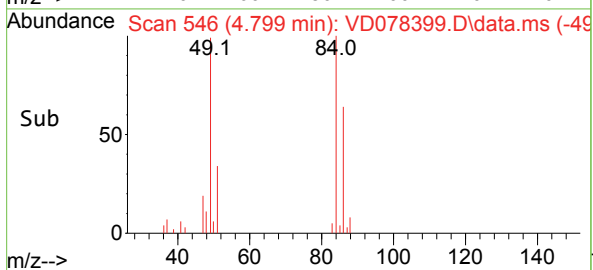
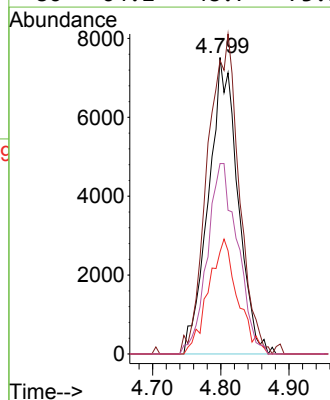
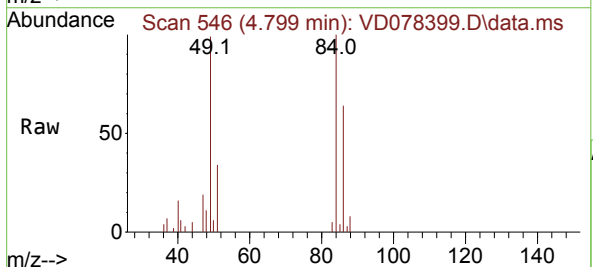
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

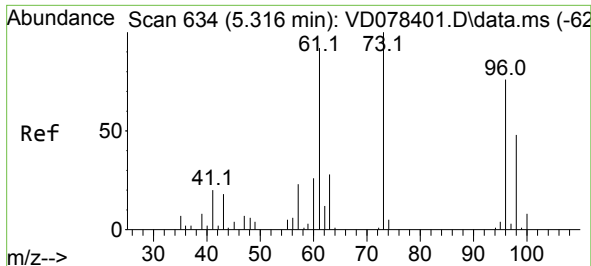
Tgt Ion: 73 Resp: 33594
Ion Ratio Lower Upper
73 100
57 17.1 16.6 25.0



#20
Methylene Chloride
Concen: 9.979 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

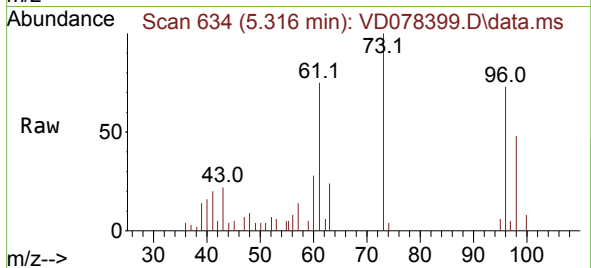
Tgt Ion: 84 Resp: 22516
Ion Ratio Lower Upper
84 100
49 99.0 71.4 107.2
51 34.4 24.5 36.7
86 64.2 48.7 73.1



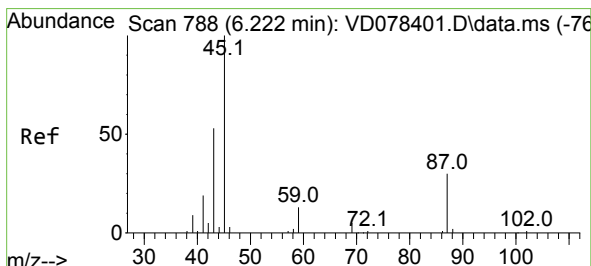
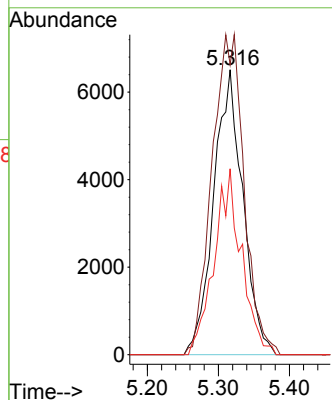
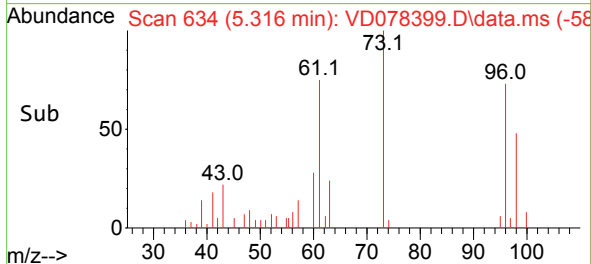


#21
trans-1,2-Dichloroethene
Concen: 9.785 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

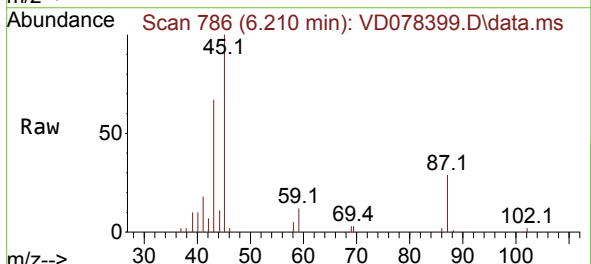
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



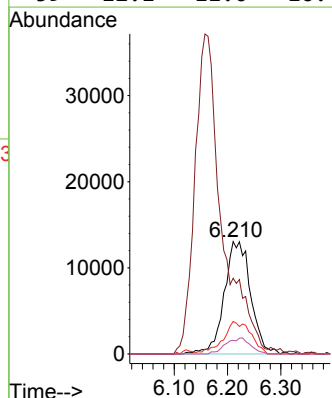
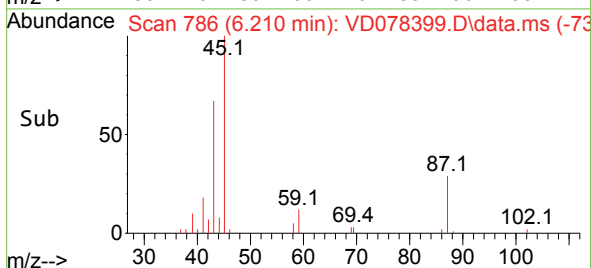
Tgt Ion: 96 Resp: 18525
Ion Ratio Lower Upper
96 100
61 101.7 89.3 133.9
98 65.2 48.6 73.0

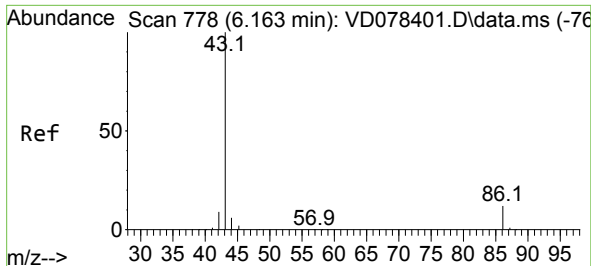


#22
Diisopropyl ether
Concen: 10.251 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.012 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58



Tgt Ion: 45 Resp: 44919
Ion Ratio Lower Upper
45 100
43 62.5 40.0 60.0#
87 29.0 28.2 42.4
59 12.1 11.0 16.4

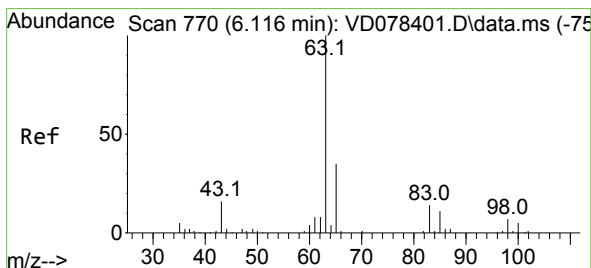
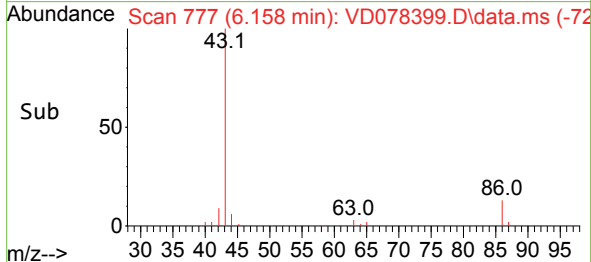
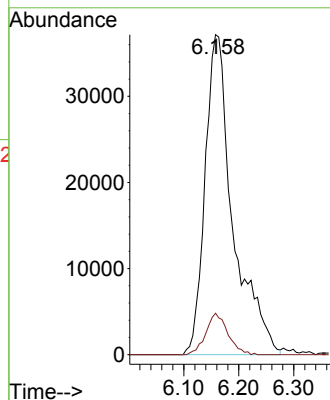
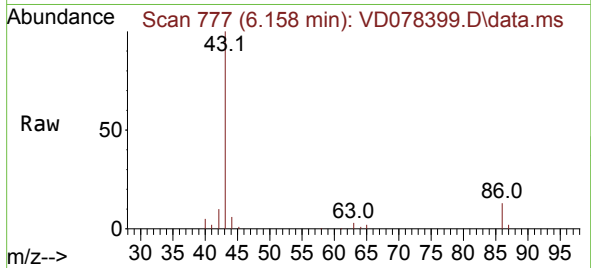




#23
 Vinyl Acetate
 Concen: 60.227 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD078399.D
 Acq: 13 Feb 2024 10:58

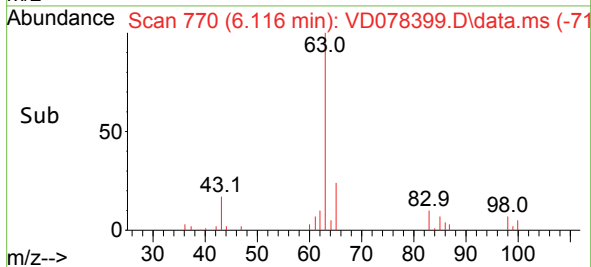
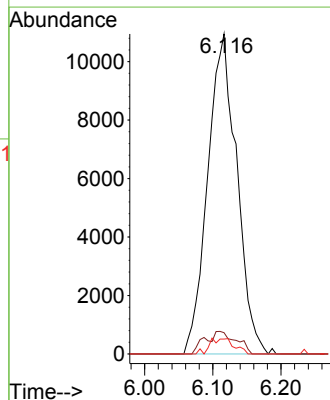
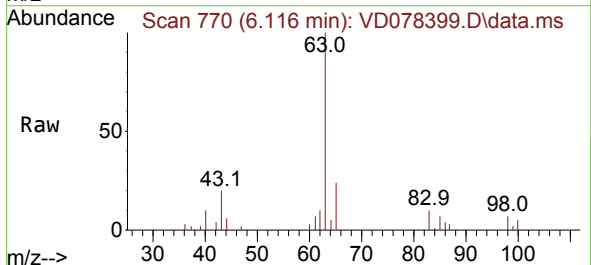
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

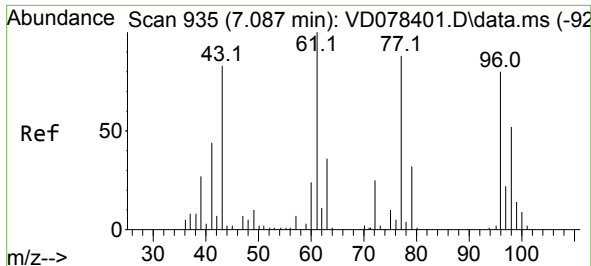
Tgt Ion: 43 Resp: 131438
 Ion Ratio Lower Upper
 43 100
 86 13.0 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 10.481 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078399.D
 Acq: 13 Feb 2024 10:58

Tgt Ion: 63 Resp: 32536
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.5 13.7
 100 4.7 2.5 7.5

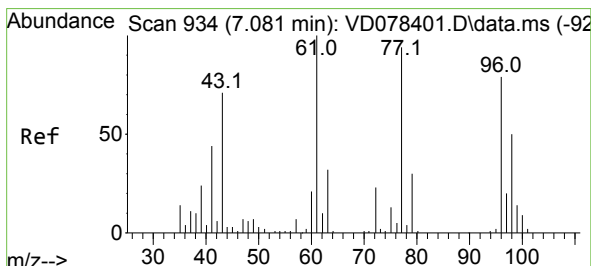
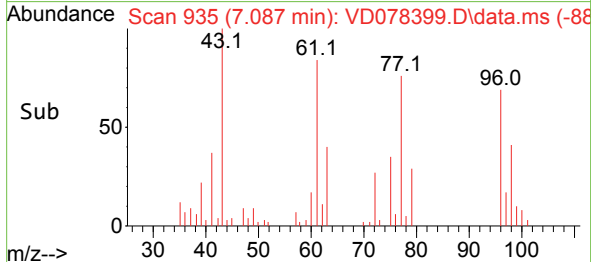
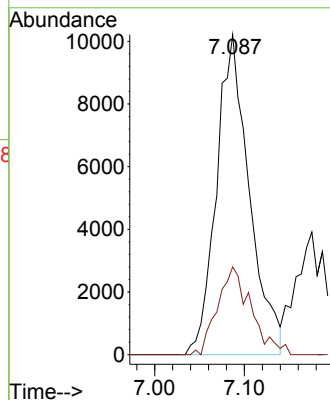
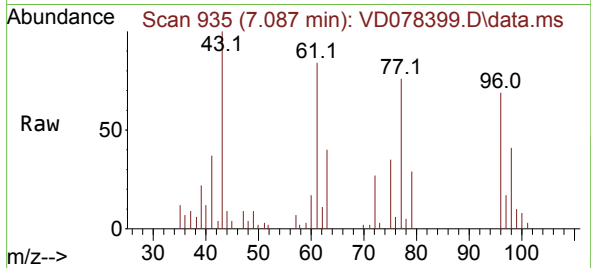




#25
2-Butanone
Concen: 52.038 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

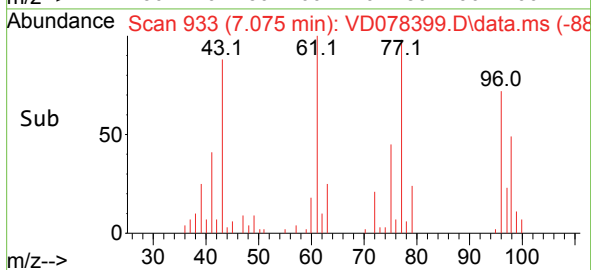
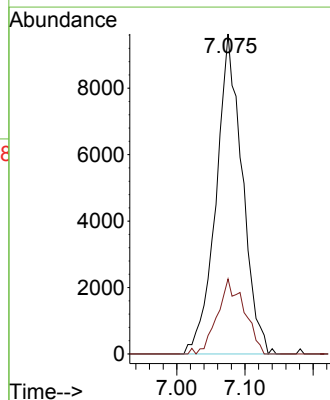
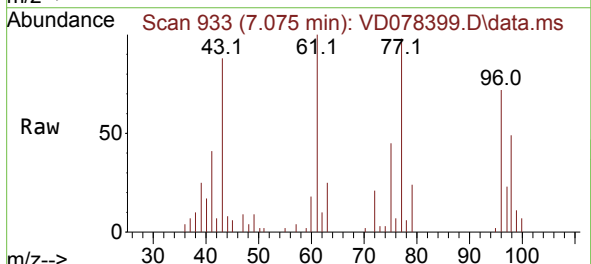
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

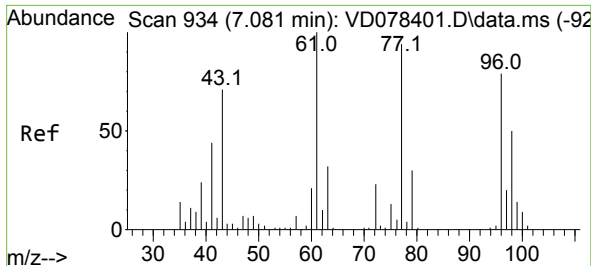
Tgt Ion: 43 Resp: 25981
Ion Ratio Lower Upper
43 100
72 27.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 9.904 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 77 Resp: 25772
Ion Ratio Lower Upper
77 100
97 23.9 13.2 39.6

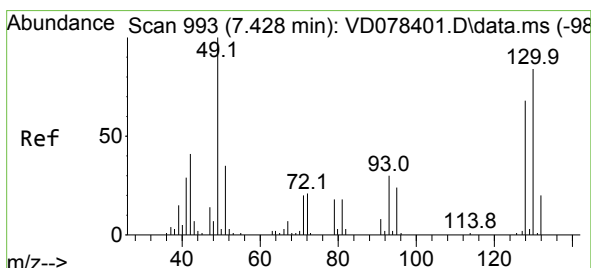
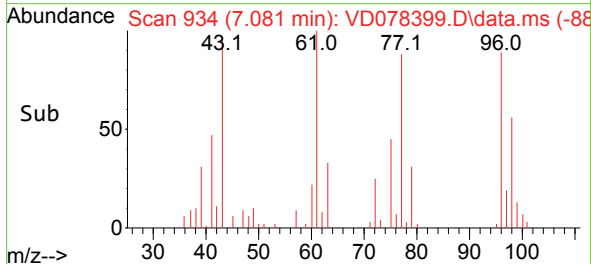
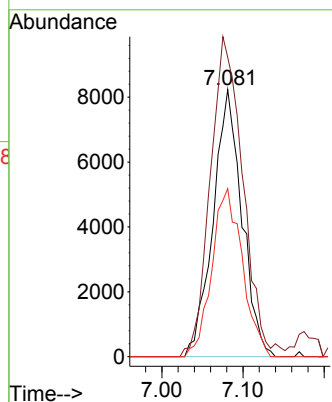
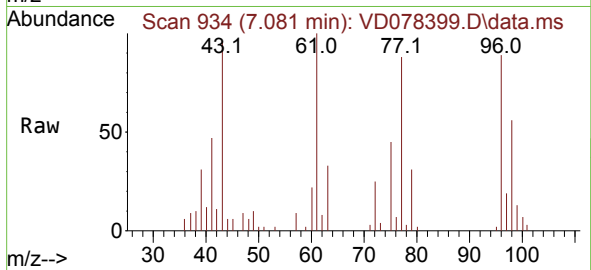




#27
cis-1,2-Dichloroethene
Concen: 9.804 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

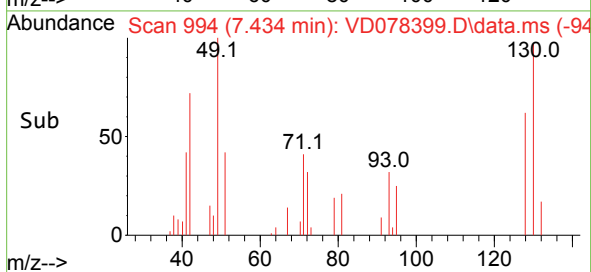
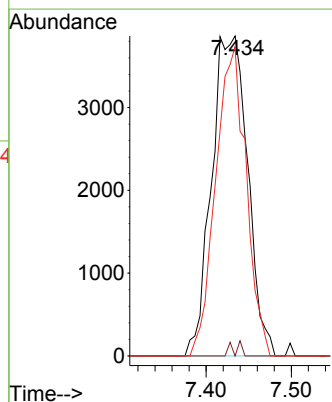
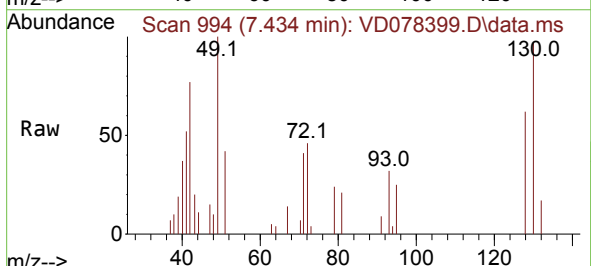
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

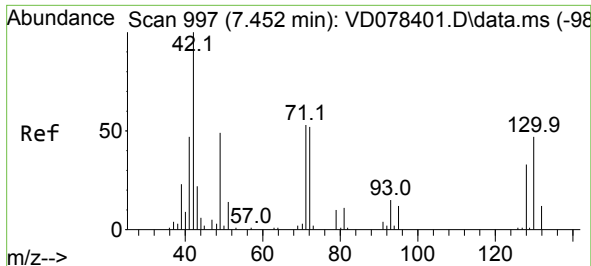
Tgt Ion: 96 Resp: 20365
Ion Ratio Lower Upper
96 100
61 135.2 0.0 239.2
98 66.3 0.0 128.6



#28
Bromochloromethane
Concen: 9.247 ug/l
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 49 Resp: 11369
Ion Ratio Lower Upper
49 100
129 1.1 0.0 6.0
130 81.7 83.2 124.8#





#29

Tetrahydrofuran

Concen: 47.244 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

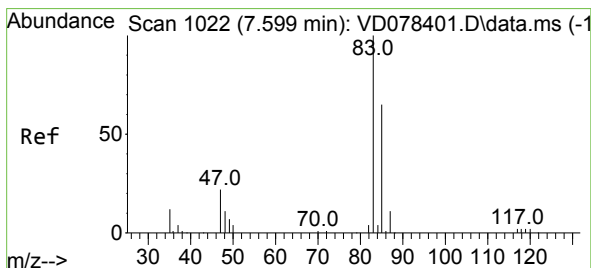
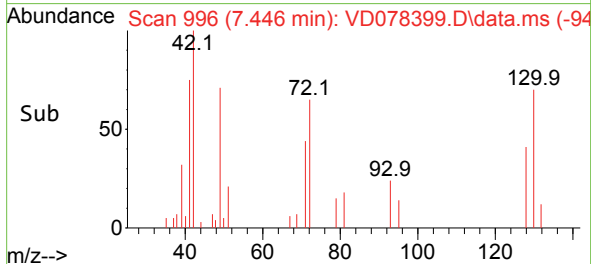
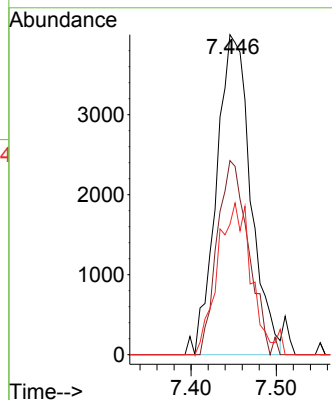
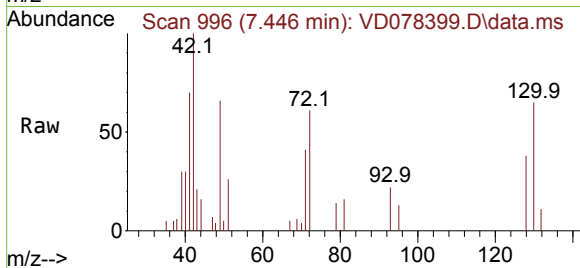
Tgt Ion: 42 Resp: 11215

Ion Ratio Lower Upper

42 100

72 55.5 46.5 69.7

71 47.3 44.5 66.7



#30

Chloroform

Concen: 10.263 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078399.D

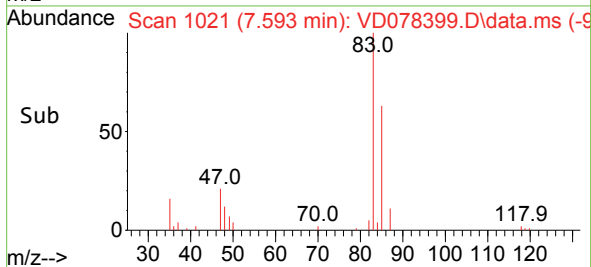
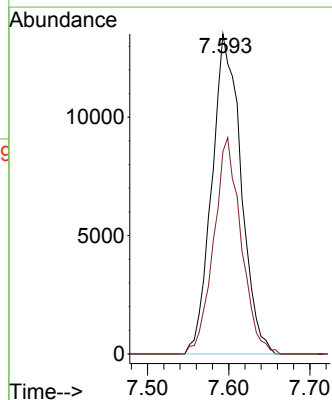
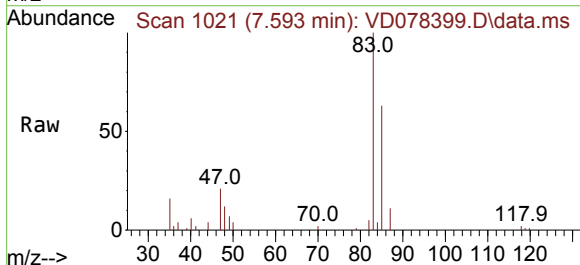
Acq: 13 Feb 2024 10:58

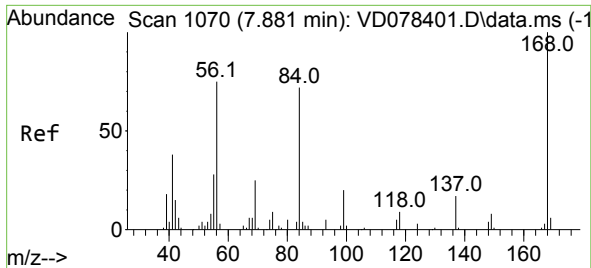
Tgt Ion: 83 Resp: 33708

Ion Ratio Lower Upper

83 100

85 63.3 53.4 80.2

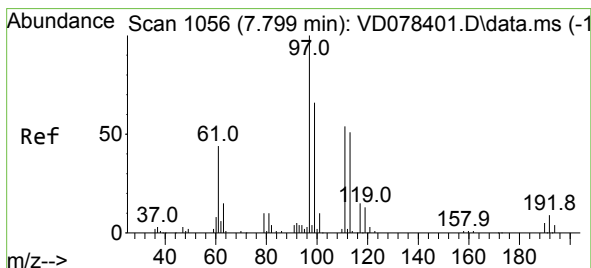
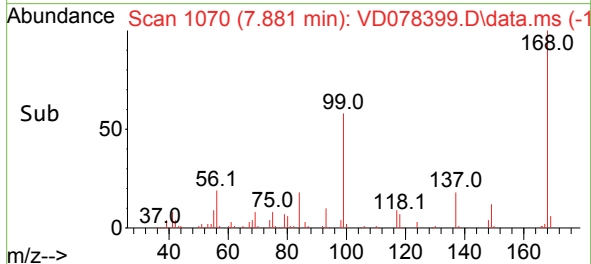
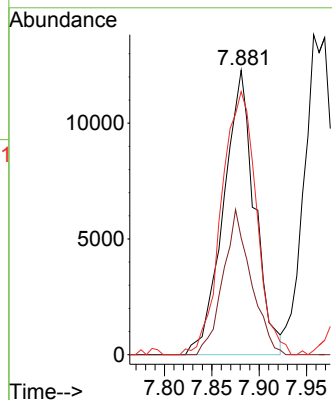
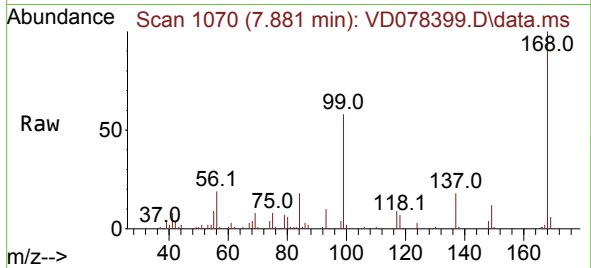




#31
Cyclohexane
Concen: 10.438 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

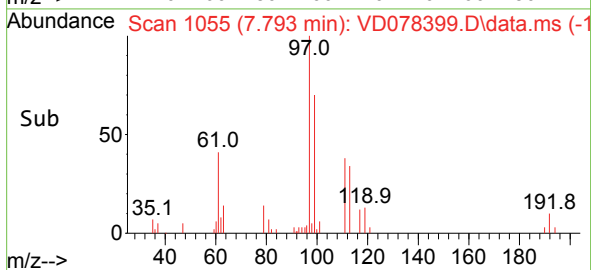
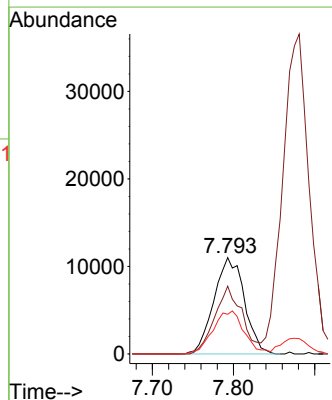
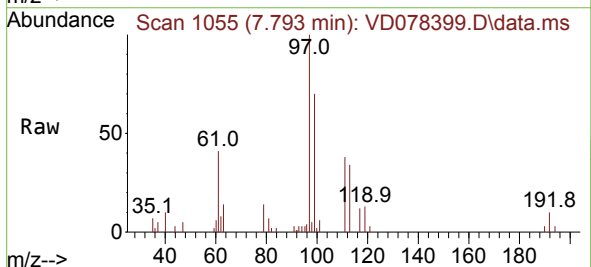
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

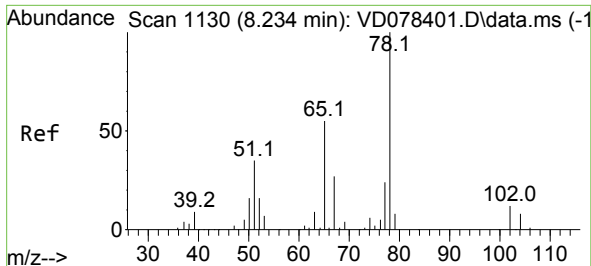
Tgt Ion: 56 Resp: 28184
Ion Ratio Lower Upper
56 100
69 41.1 28.6 43.0
84 92.5 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 10.251 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 97 Resp: 28705
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 45.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 10.446 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

Instrument :

MSVOA_D

ClientSampleId :

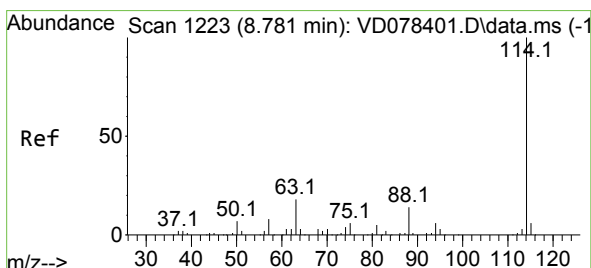
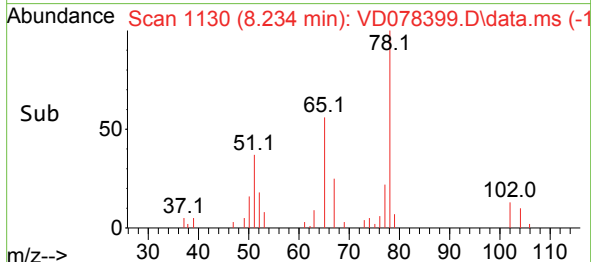
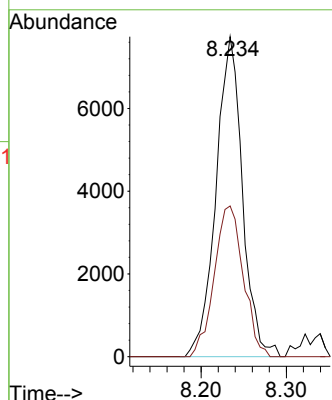
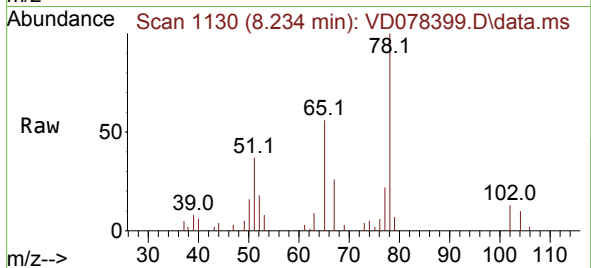
VSTDIC010

Tgt Ion: 65 Resp: 16675

Ion Ratio Lower Upper

65 100

67 51.7 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: VD078399.D

Acq: 13 Feb 2024 10:58

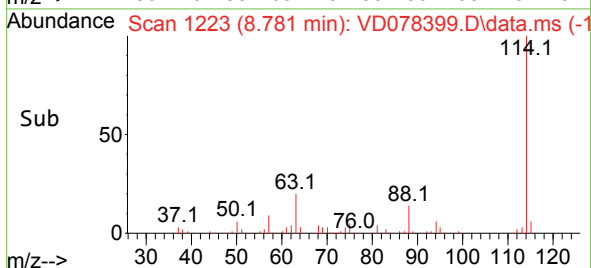
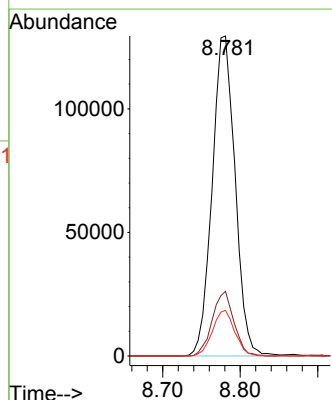
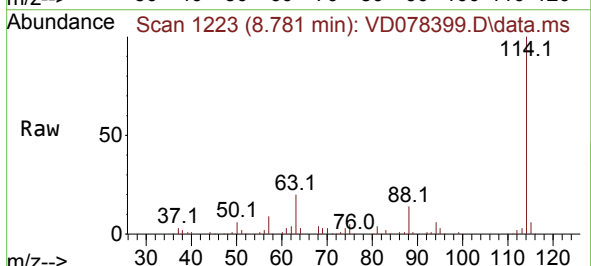
Tgt Ion: 114 Resp: 266227

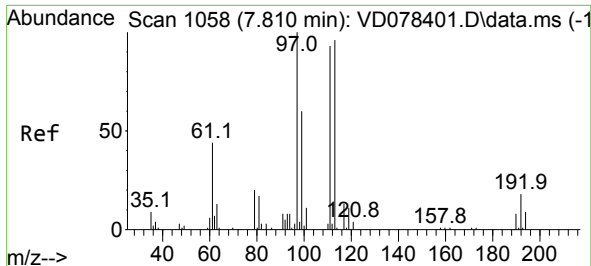
Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.4

88 14.3 0.0 26.2

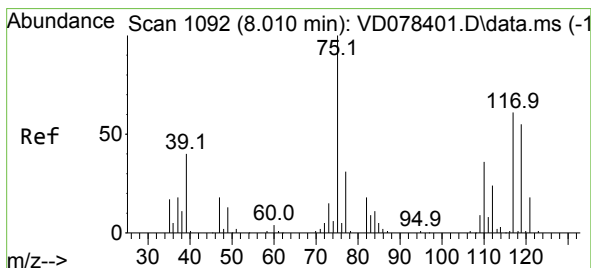
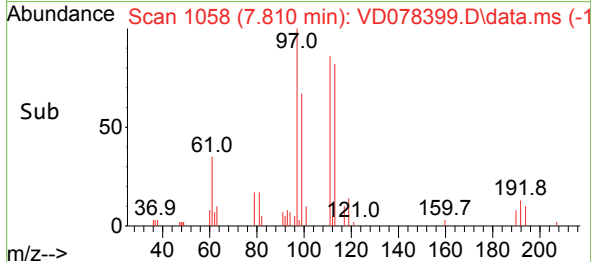
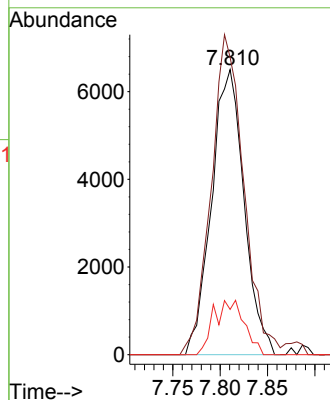
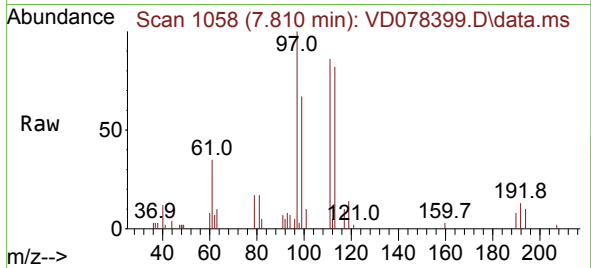




#35
Dibromofluoromethane
Concen: 9.194 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

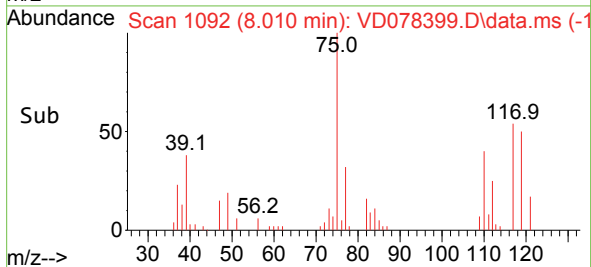
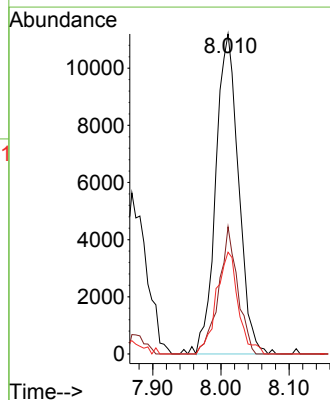
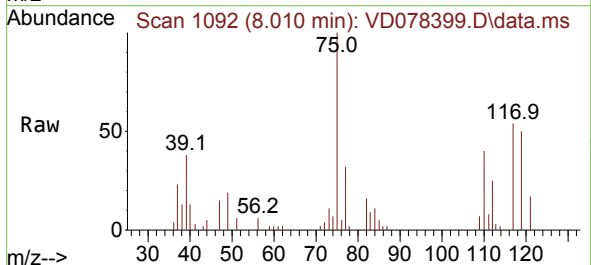
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

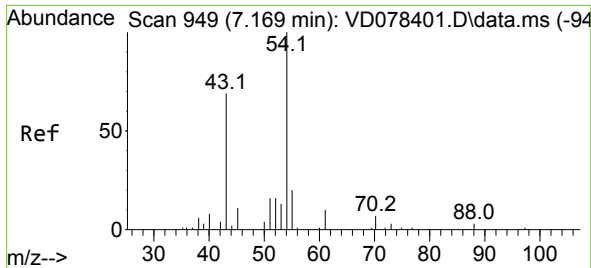
Tgt Ion:113 Resp: 15549
Ion Ratio Lower Upper
113 100
111 112.3 84.7 127.1
192 17.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 9.925 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 75 Resp: 26075
Ion Ratio Lower Upper
75 100
110 33.2 19.9 59.6
77 30.5 24.7 37.1

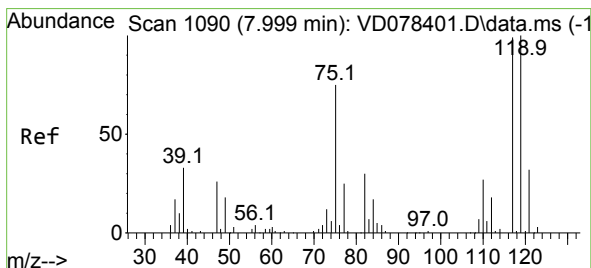
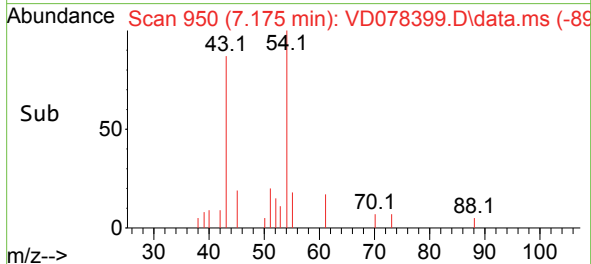
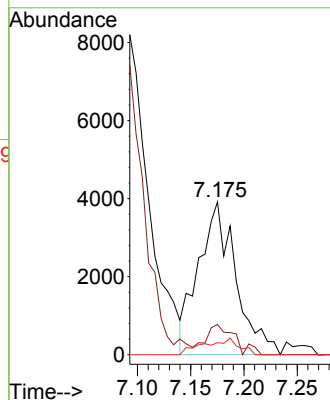
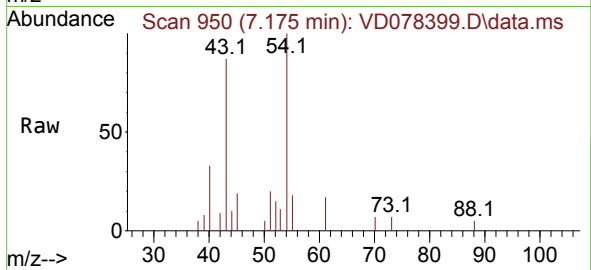




#37
Ethyl Acetate
Concen: 10.353 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

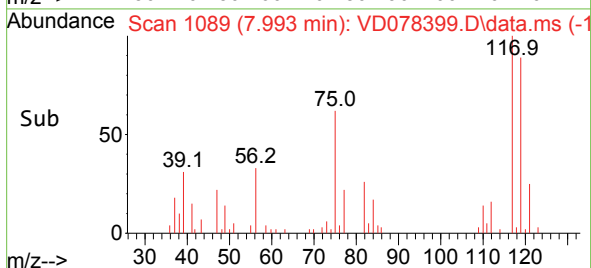
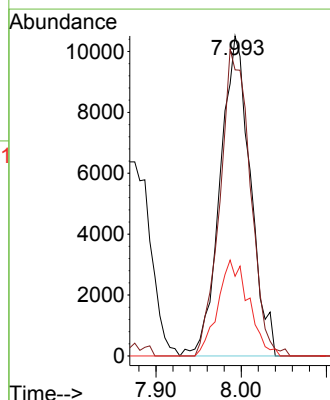
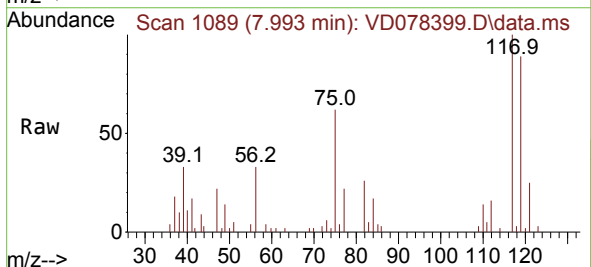
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

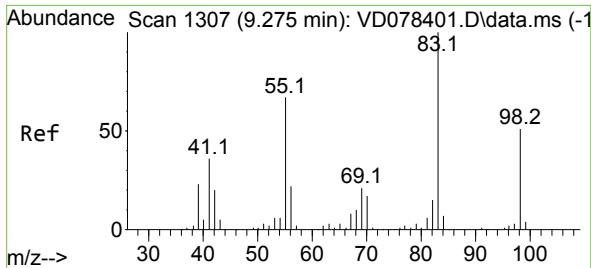
Tgt Ion: 43 Resp: 9534
Ion Ratio Lower Upper
43 100
61 15.6 14.9 22.3
70 10.0 10.0 15.0



#38
Carbon Tetrachloride
Concen: 9.932 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 117 Resp: 25839
Ion Ratio Lower Upper
117 100
119 89.4 78.0 117.0
121 24.9 24.2 36.2

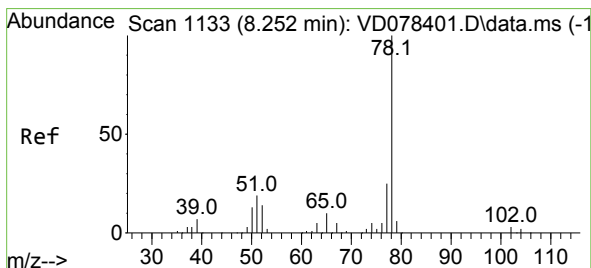
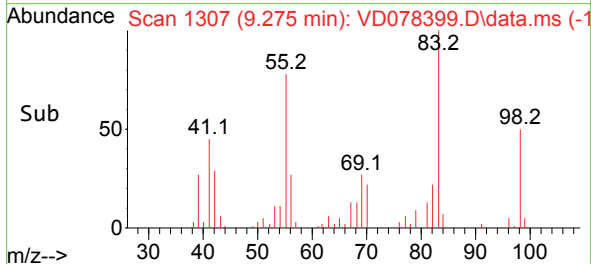
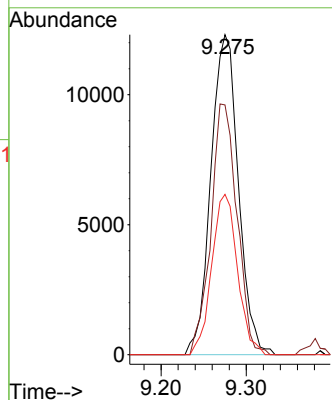
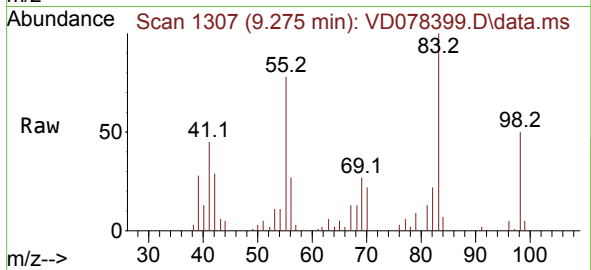




#39
Methylcyclohexane
Concen: 8.843 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

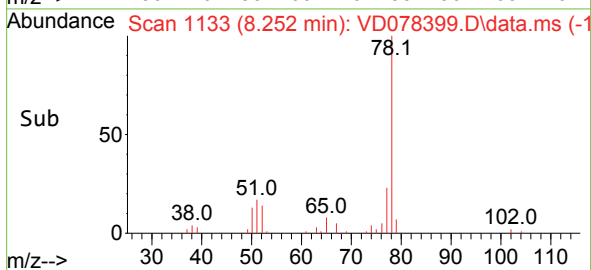
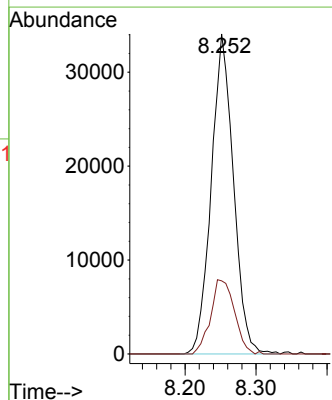
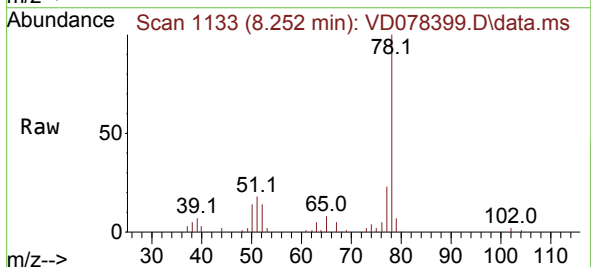
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

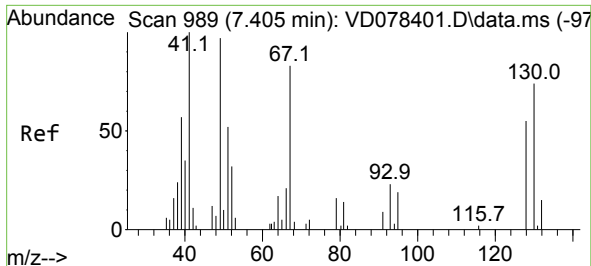
Tgt Ion: 83 Resp: 27581
Ion Ratio Lower Upper
83 100
55 78.1 49.4 74.0#
98 50.1 38.4 57.6



#40
Benzene
Concen: 9.727 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 78 Resp: 73864
Ion Ratio Lower Upper
78 100
77 22.9 19.4 29.0

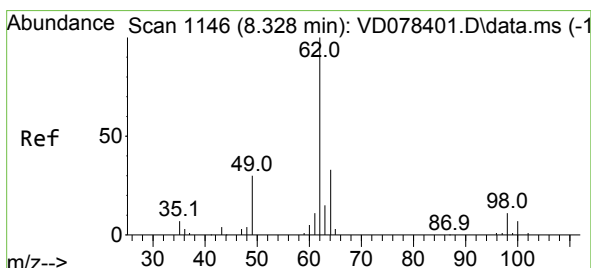
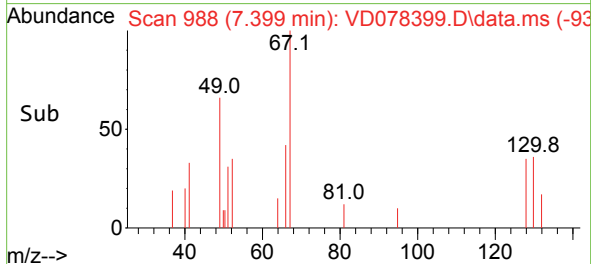
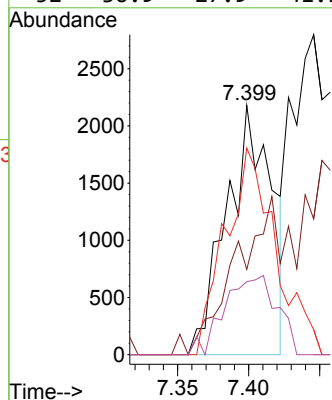
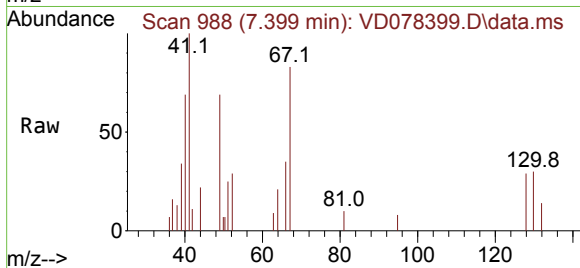




#41
Methacrylonitrile
Concen: 10.042 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

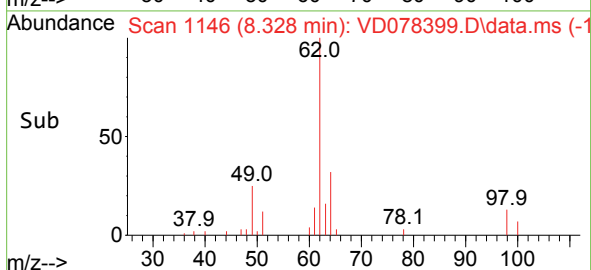
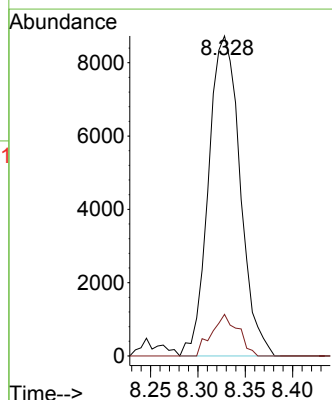
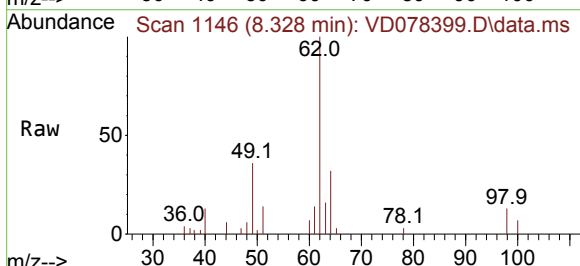
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

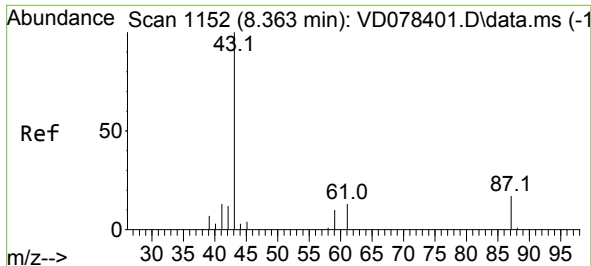
Tgt Ion:	41	Resp:	4813
Ion	Ratio	Lower	Upper
41	100		
39	74.0	34.0	51.0#
67	92.1	77.0	115.4
52	36.9	27.9	41.9



#42
1,2-Dichloroethane
Concen: 10.300 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion:	62	Resp:	20238
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	25.4

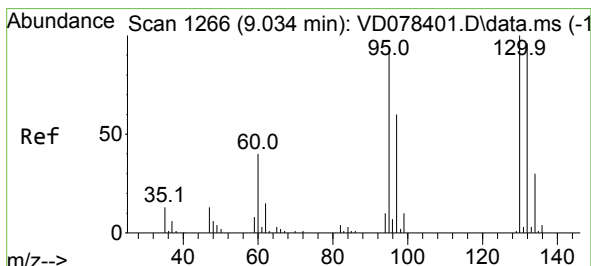
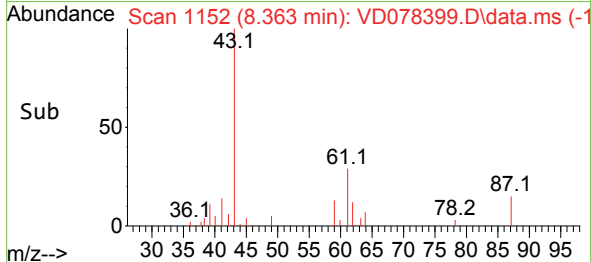
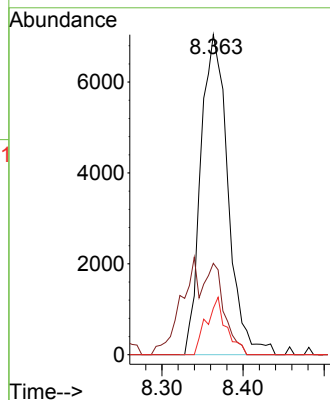
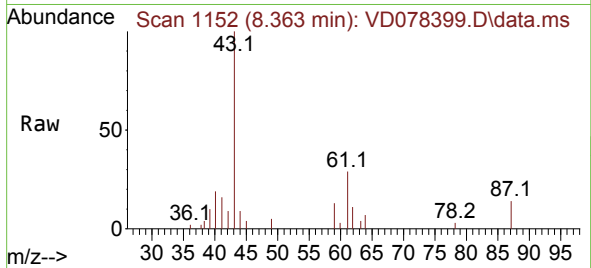




#43
Isopropyl Acetate
Concen: 9.606 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

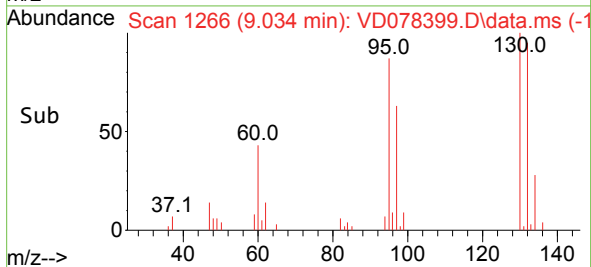
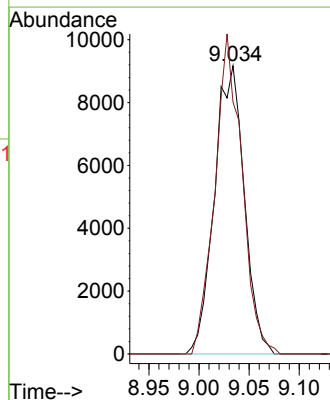
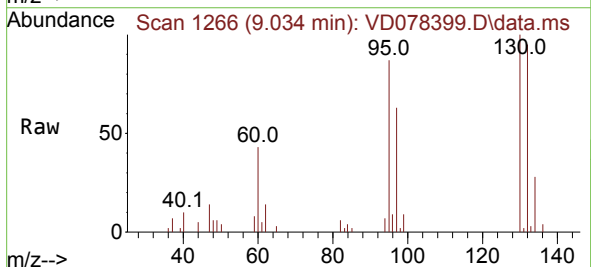
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

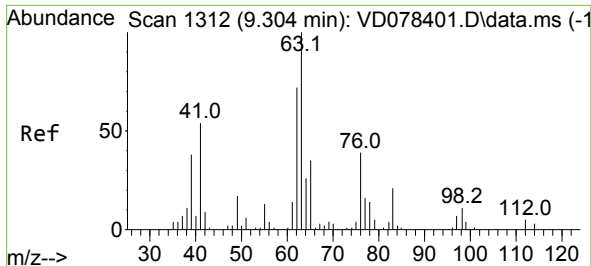
Tgt Ion: 43 Resp: 16381
Ion Ratio Lower Upper
43 100
61 17.7 31.4 47.0#
87 13.2 14.9 22.3#



#44
Trichloroethene
Concen: 9.803 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 130 Resp: 18991
Ion Ratio Lower Upper
130 100
95 87.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 9.509 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

Instrument :

MSVOA_D

ClientSampleId :

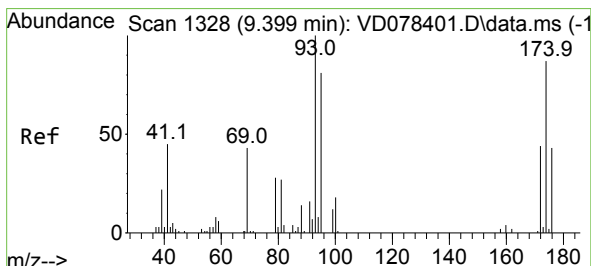
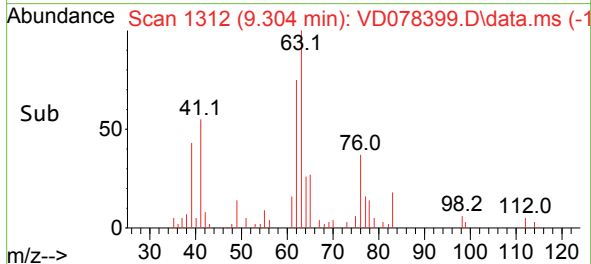
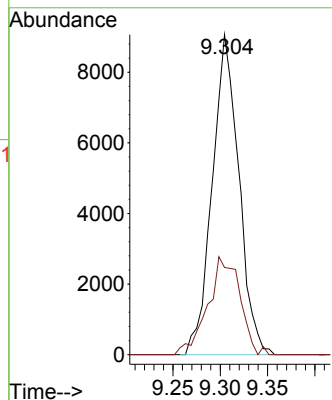
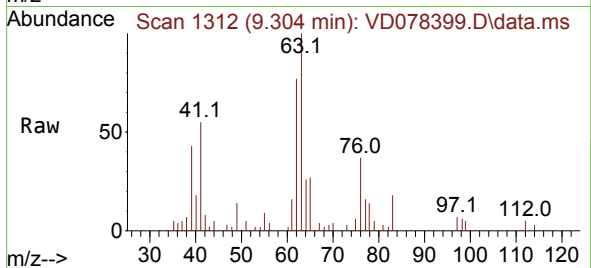
VSTDICC010

Tgt Ion: 63 Resp: 17717

Ion Ratio Lower Upper

63 100

65 27.2 24.5 36.7



#46

Dibromomethane

Concen: 9.836 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

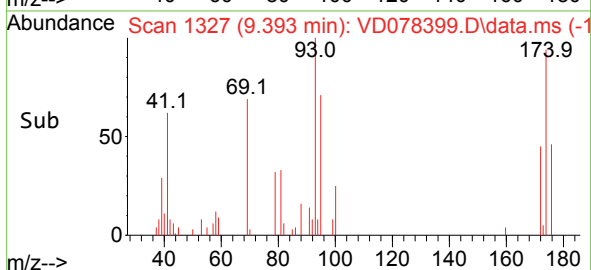
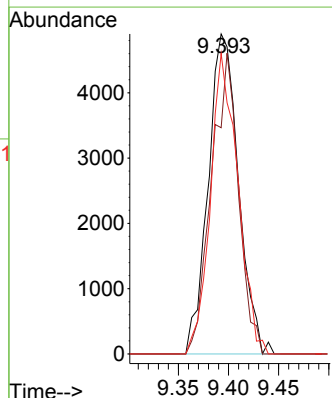
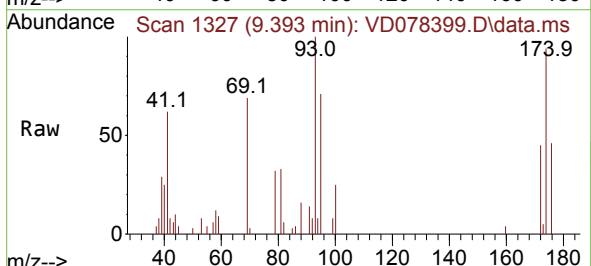
Tgt Ion: 93 Resp: 10308

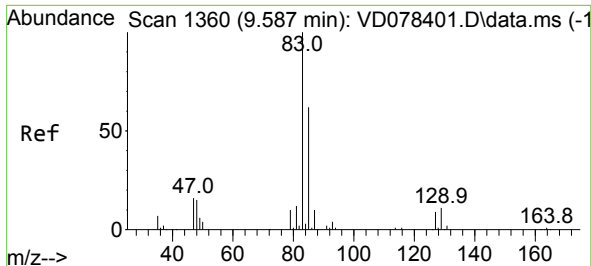
Ion Ratio Lower Upper

93 100

95 83.6 67.7 101.5

174 85.3 85.4 128.2#





#47

Bromodichloromethane

Concen: 9.828 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

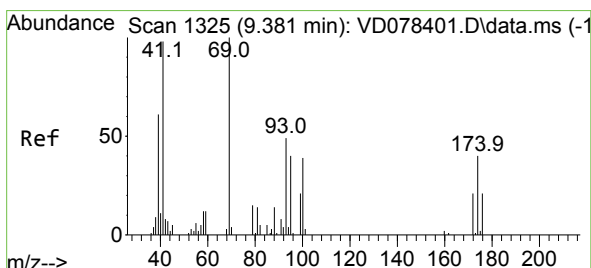
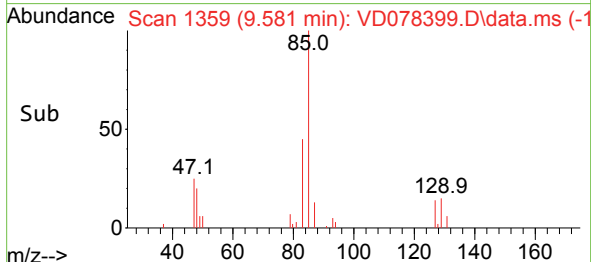
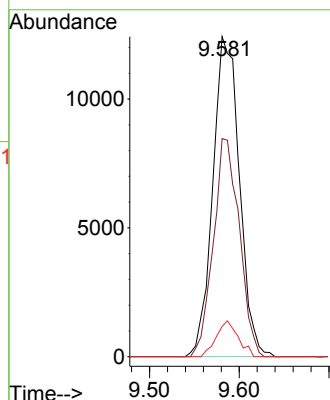
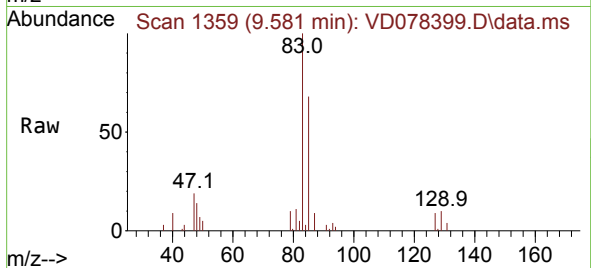
Tgt Ion: 83 Resp: 25509

Ion Ratio Lower Upper

83 100

85 68.2 50.2 75.4

127 9.4 6.3 9.5



#48

Methyl methacrylate

Concen: 8.192 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

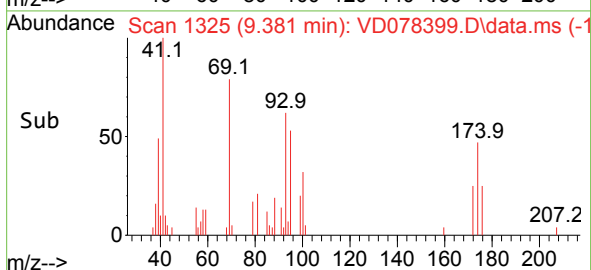
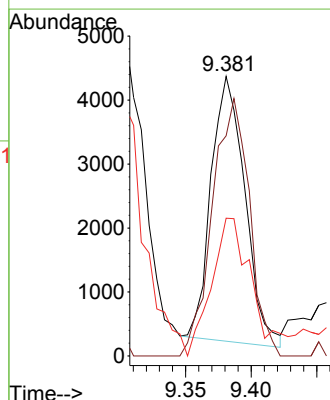
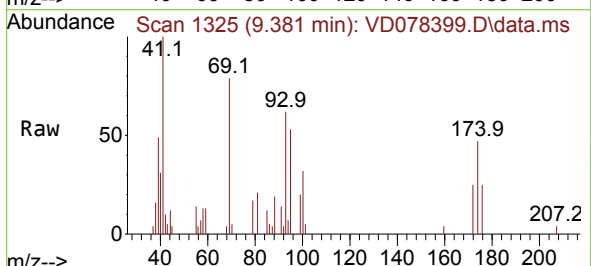
Tgt Ion: 41 Resp: 7412

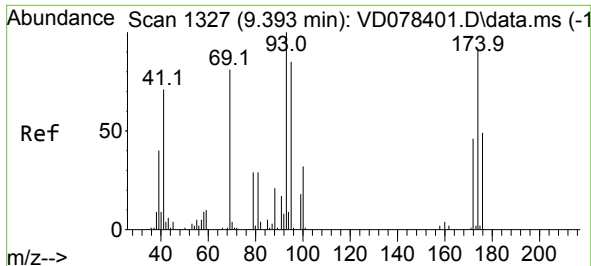
Ion Ratio Lower Upper

41 100

69 106.3 102.2 153.2

39 62.4 41.4 62.2#





#49

1,4-Dioxane

Concen: 163.013 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.012 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

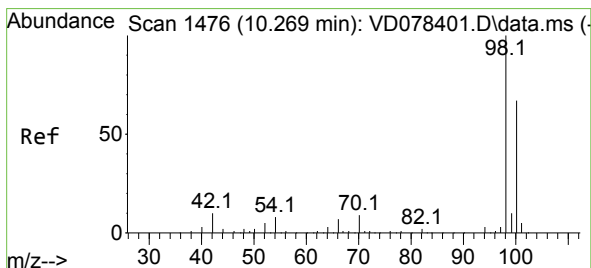
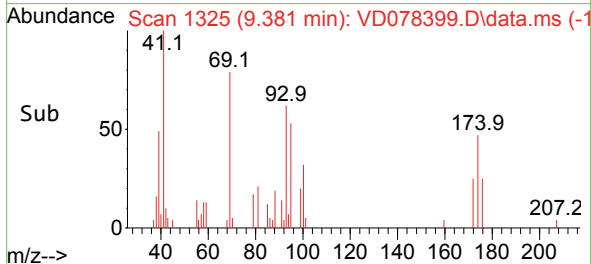
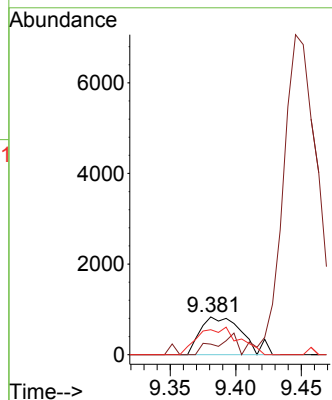
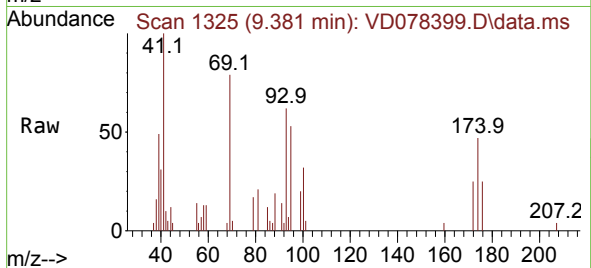
Tgt Ion: 88 Resp: 1850

Ion Ratio Lower Upper

88 100

43 27.7 19.0 28.6

58 71.0 43.5 65.3#



#50

Toluene-d8

Concen: 9.260 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078399.D

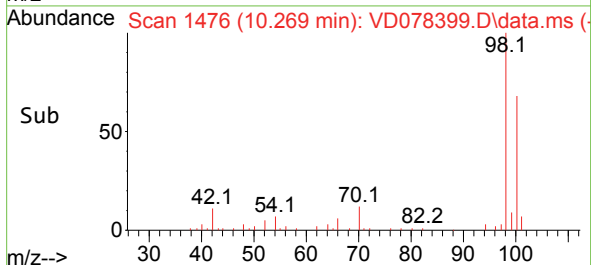
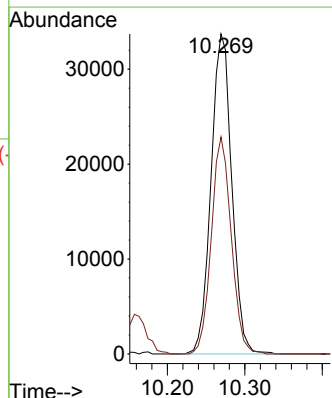
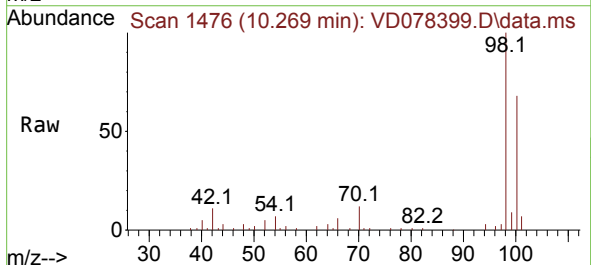
Acq: 13 Feb 2024 10:58

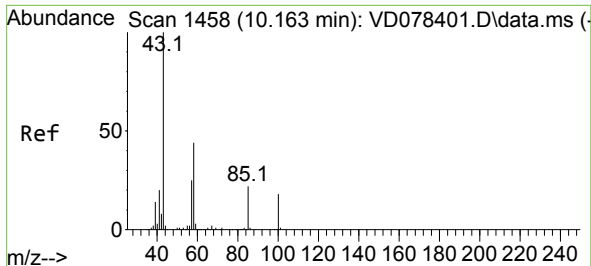
Tgt Ion: 98 Resp: 62644

Ion Ratio Lower Upper

98 100

100 65.2 50.3 75.5

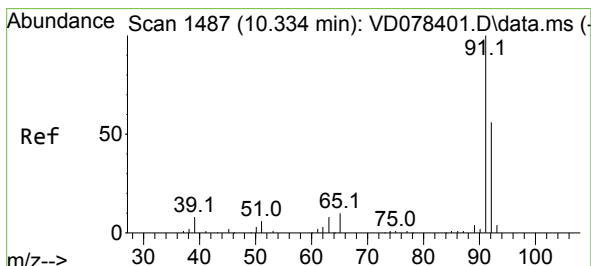
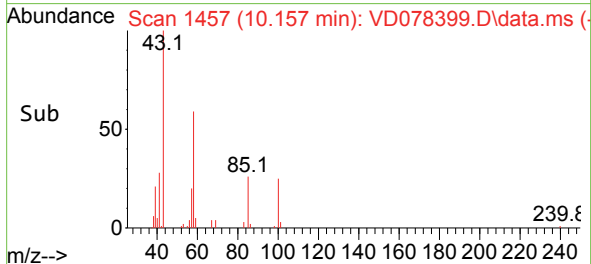
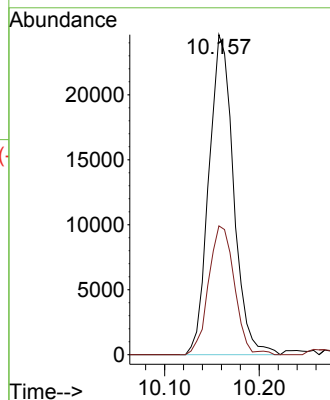
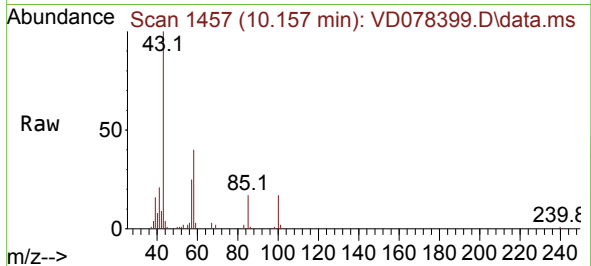




#51
4-Methyl-2-Pentanone
Concen: 49.339 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

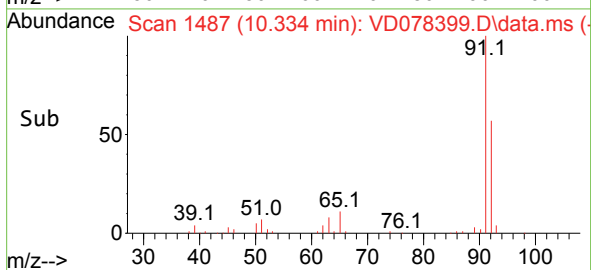
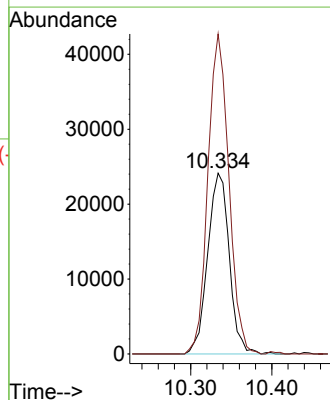
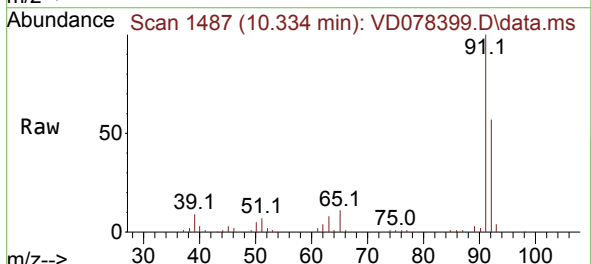
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

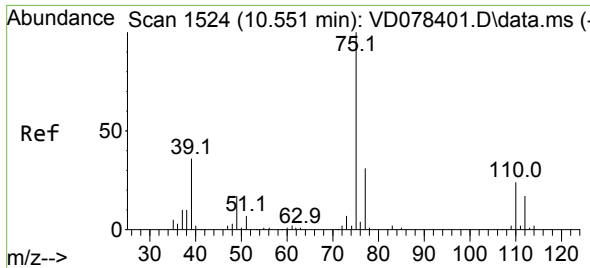
Tgt Ion: 43 Resp: 44657
Ion Ratio Lower Upper
43 100
58 42.0 38.9 58.3



#52
Toluene
Concen: 9.270 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 92 Resp: 44515
Ion Ratio Lower Upper
92 100
91 171.6 143.0 214.4

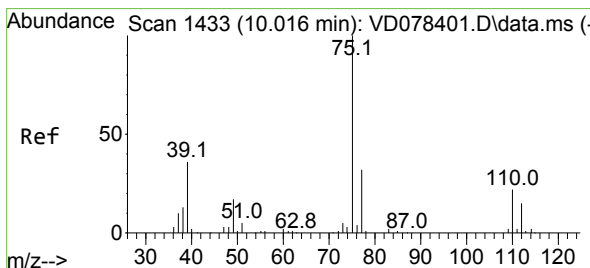
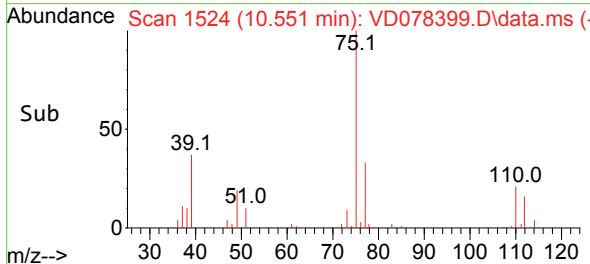
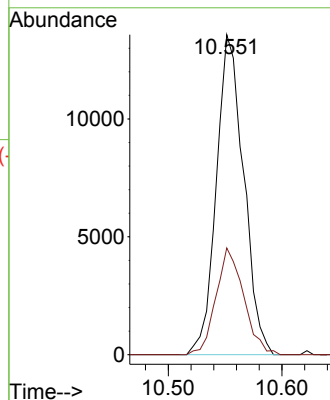
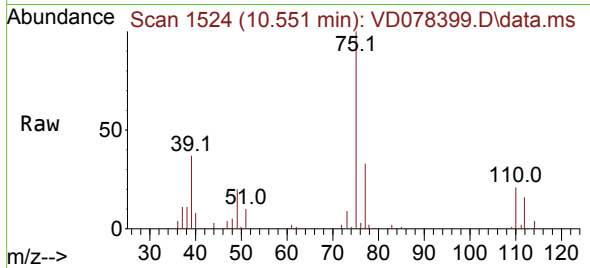




#53
t-1,3-Dichloropropene
Concen: 9.571 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

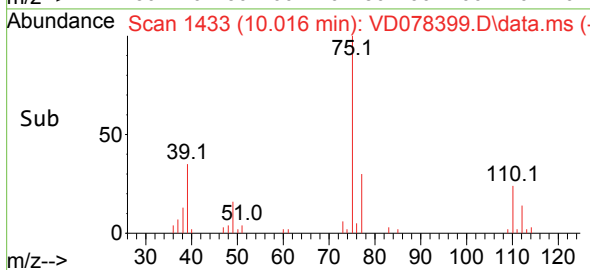
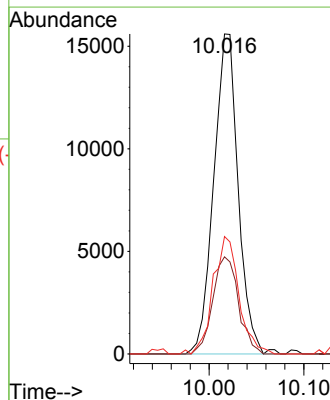
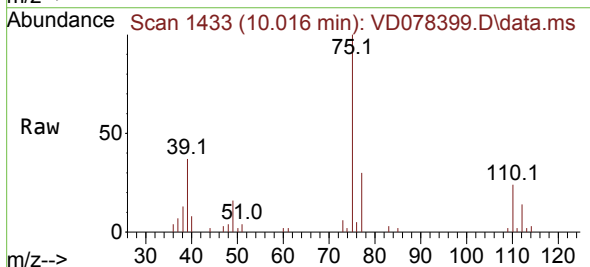
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

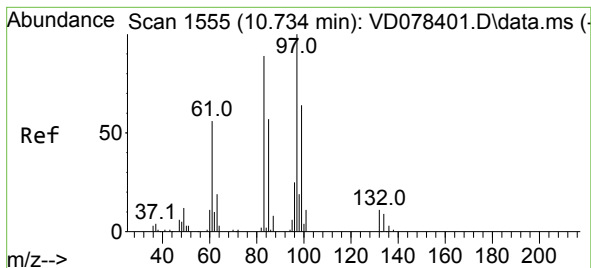
Tgt Ion: 75 Resp: 22668
Ion Ratio Lower Upper
75 100
77 33.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 9.751 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 75 Resp: 28004
Ion Ratio Lower Upper
75 100
77 30.4 25.5 38.3
39 36.7 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 9.435 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 13315

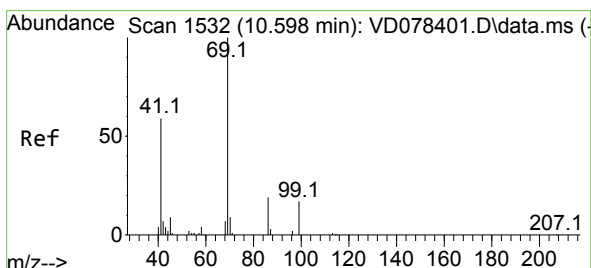
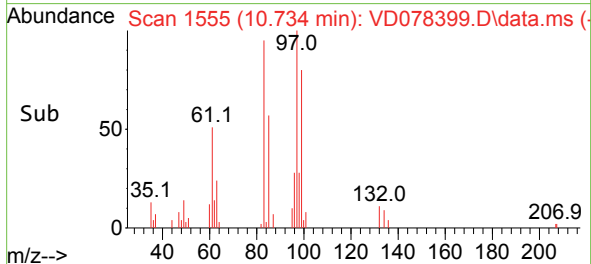
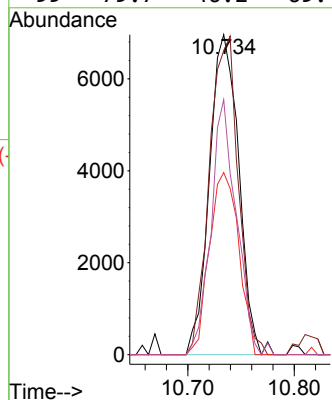
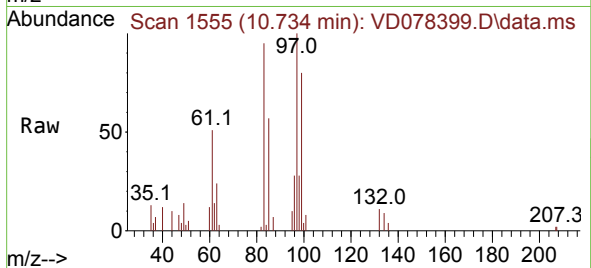
Ion Ratio Lower Upper

97 100

83 95.0 65.8 98.6

85 56.9 45.7 68.5

99 79.7 46.2 69.4#



#56

Ethyl methacrylate

Concen: 10.505 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

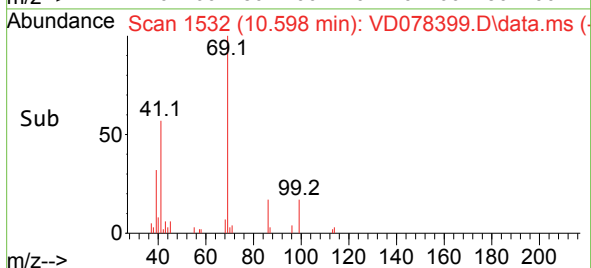
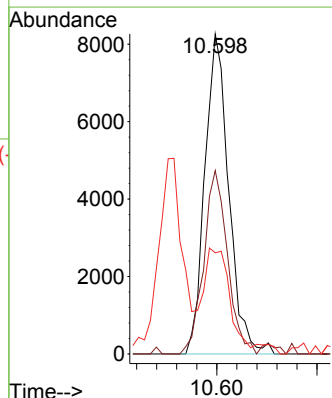
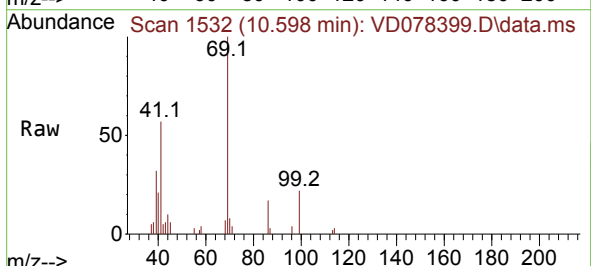
Tgt Ion: 69 Resp: 13711

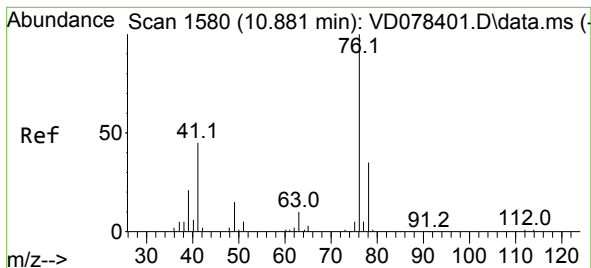
Ion Ratio Lower Upper

69 100

41 56.9 39.1 58.7

39 36.0 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 9.827 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

Instrument :

MSVOA_D

ClientSampleId :

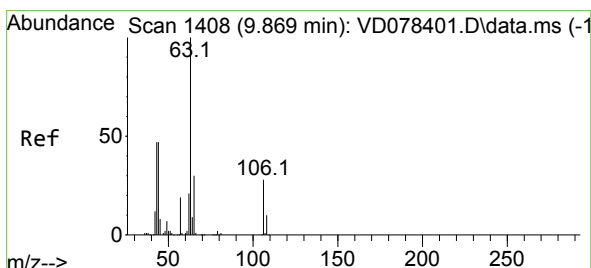
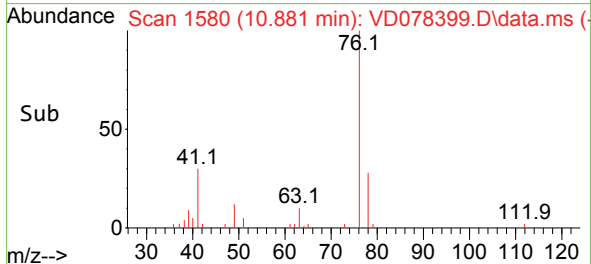
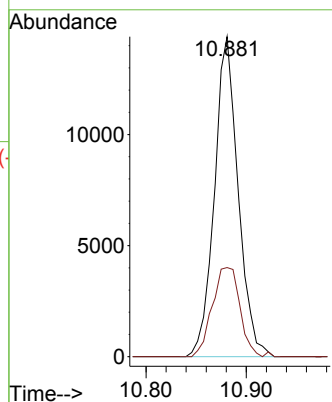
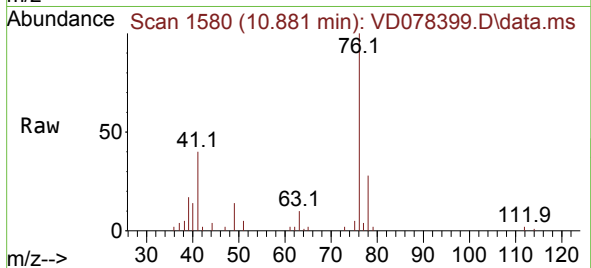
VSTDIC010

Tgt Ion: 76 Resp: 23591

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 44.701 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078399.D

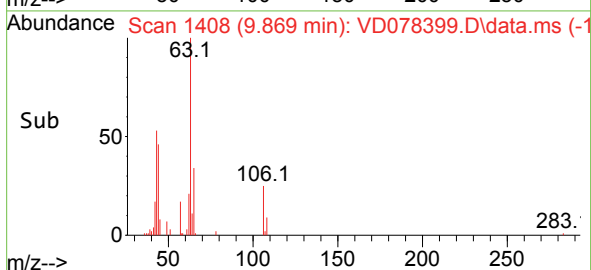
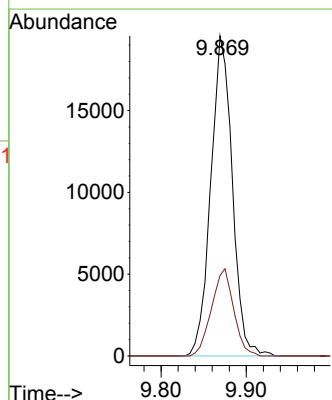
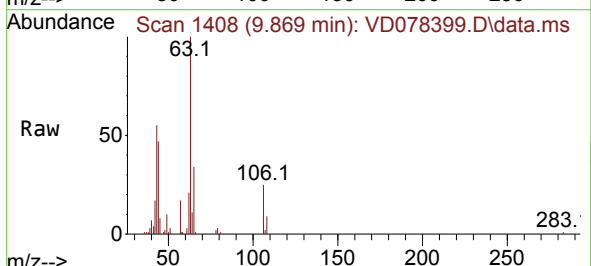
Acq: 13 Feb 2024 10:58

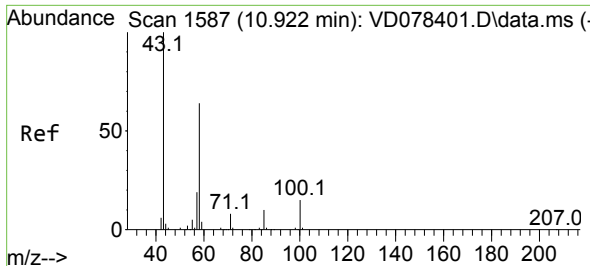
Tgt Ion: 63 Resp: 34367

Ion Ratio Lower Upper

63 100

106 28.1 25.3 37.9

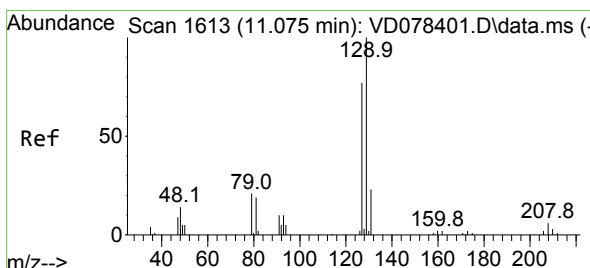
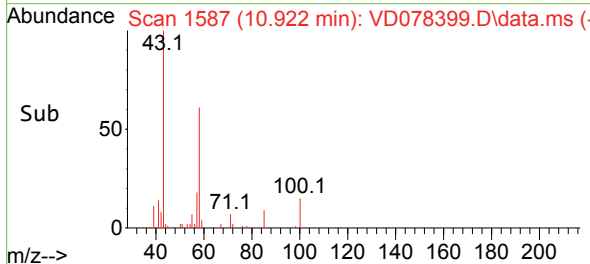
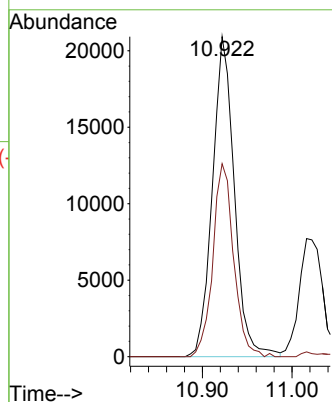
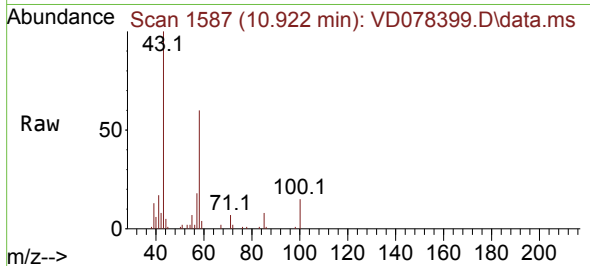




#59
2-Hexanone
Concen: 52.176 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

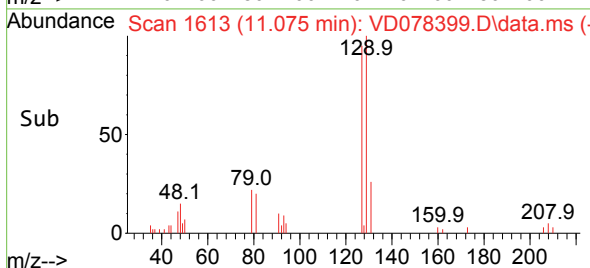
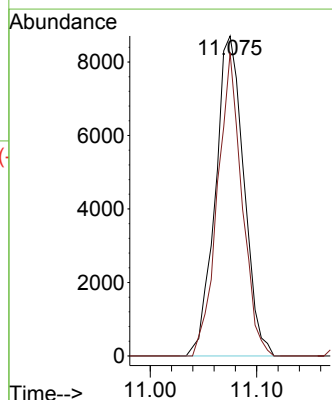
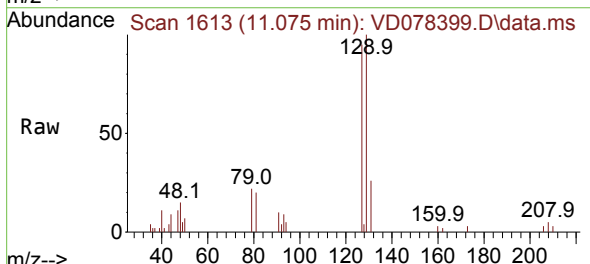
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

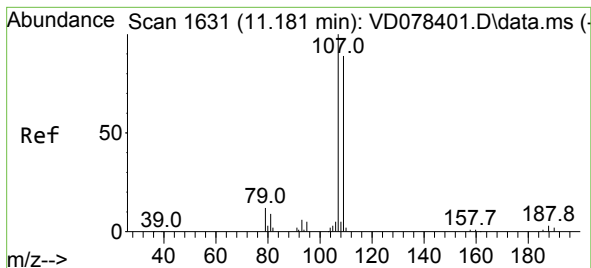
Tgt Ion: 43 Resp: 35490
Ion Ratio Lower Upper
43 100
58 57.2 34.1 102.2



#60
Dibromochloromethane
Concen: 9.513 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 129 Resp: 16153
Ion Ratio Lower Upper
129 100
127 81.4 37.1 111.5

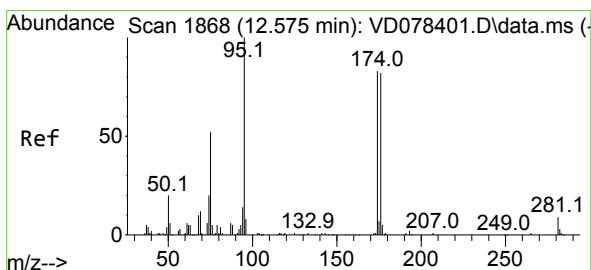
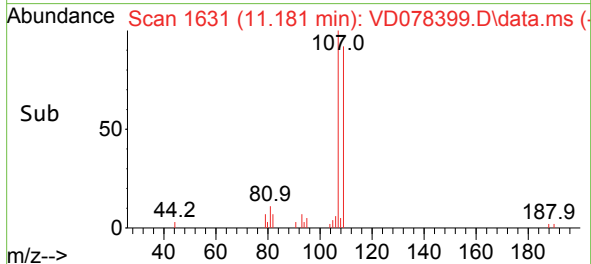
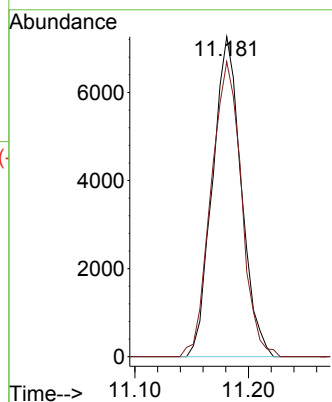
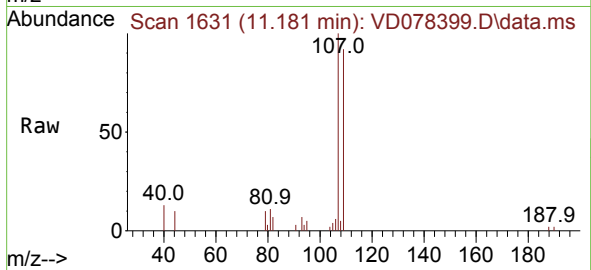




#61
1,2-Dibromoethane
Concen: 9.608 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

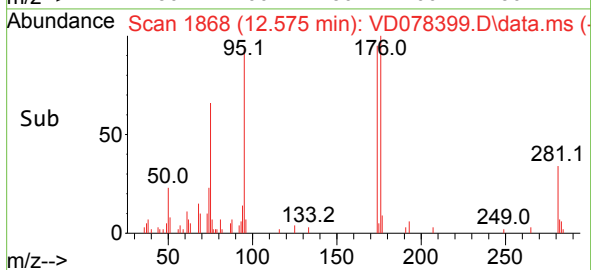
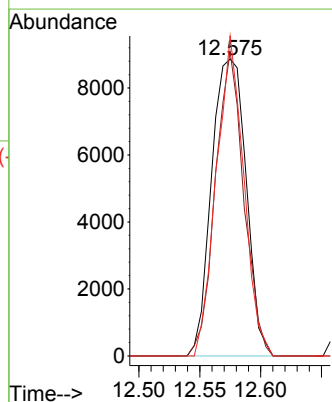
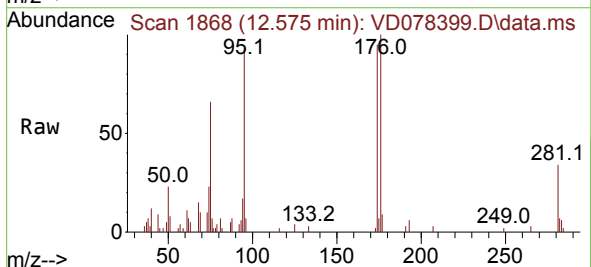
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

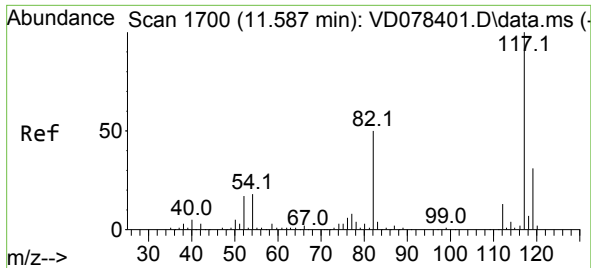
Tgt Ion:107 Resp: 12729
Ion Ratio Lower Upper
107 100
109 97.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 8.860 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 95 Resp: 17442
Ion Ratio Lower Upper
95 100
174 84.5 0.0 201.8
176 85.6 0.0 191.8

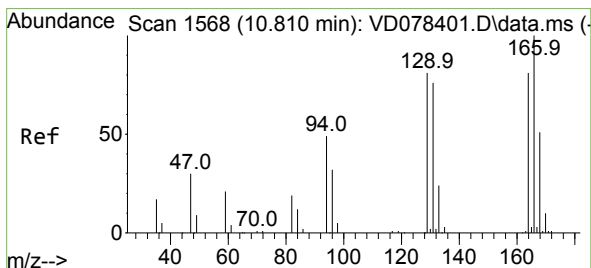
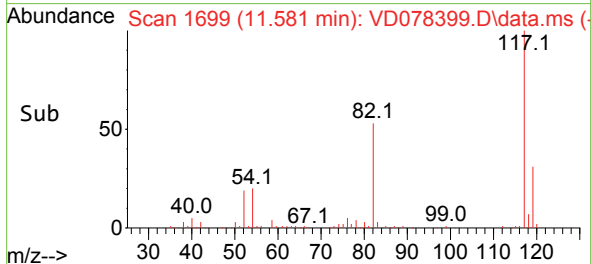
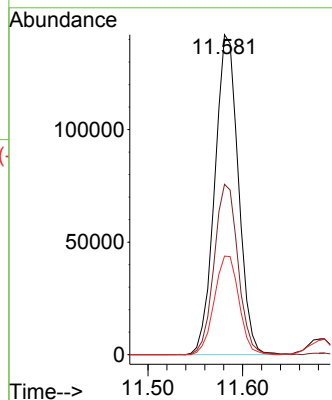
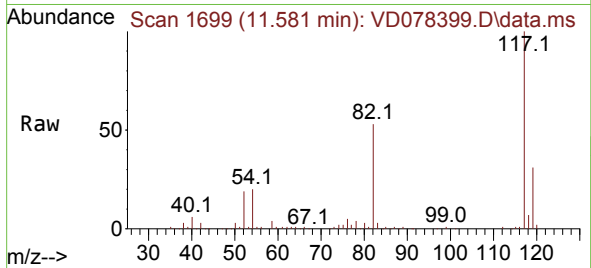




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

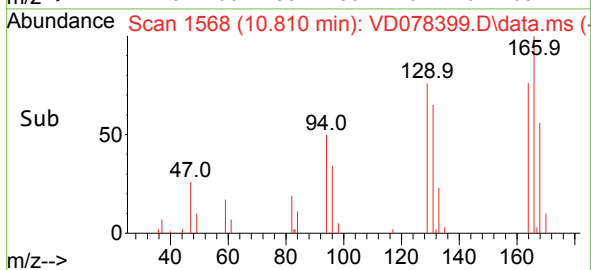
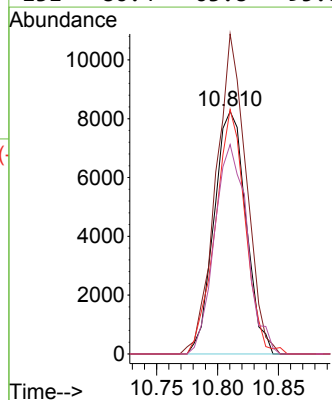
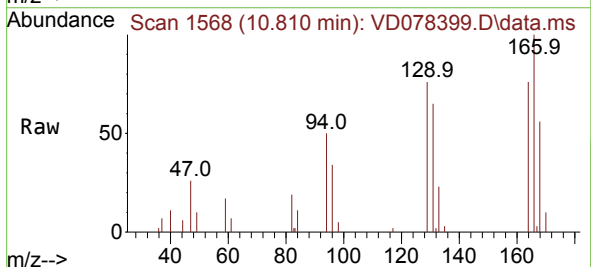
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

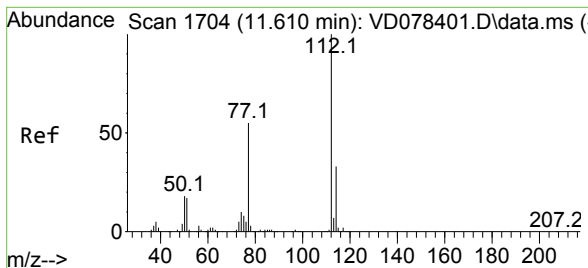
Tgt Ion:117 Resp: 245977
Ion Ratio Lower Upper
117 100
82 53.3 38.3 57.5
119 30.8 25.0 37.4



#64
Tetrachloroethene
Concen: 9.665 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion:164 Resp: 15016
Ion Ratio Lower Upper
164 100
166 131.9 99.2 148.8
129 100.8 68.4 102.6
131 86.4 63.8 95.8





#65

Chlorobenzene

Concen: 9.539 ug/l

RT: 11.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

Instrument :

MSVOA_D

ClientSampleId :

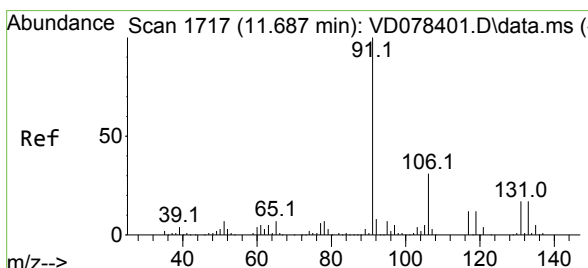
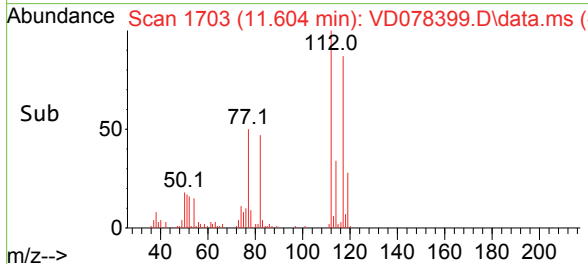
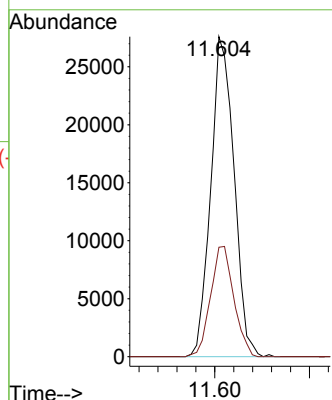
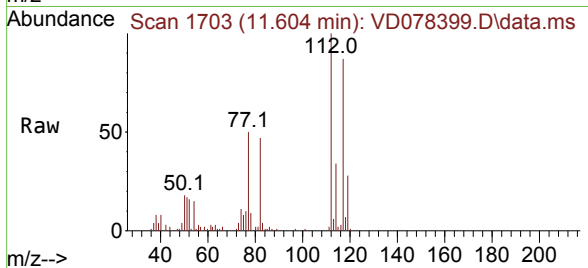
VSTDIC010

Tgt Ion:112 Resp: 47173

Ion Ratio Lower Upper

112 100

114 34.2 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 9.631 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

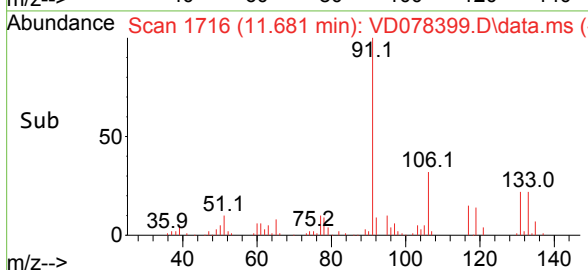
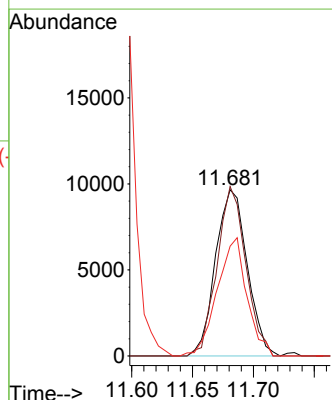
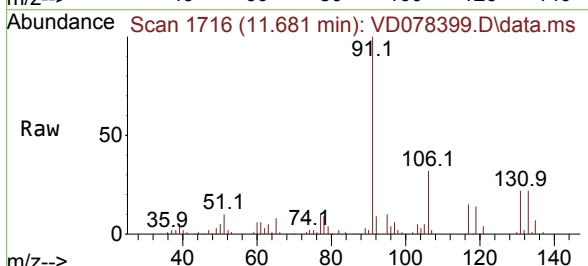
Tgt Ion:131 Resp: 17502

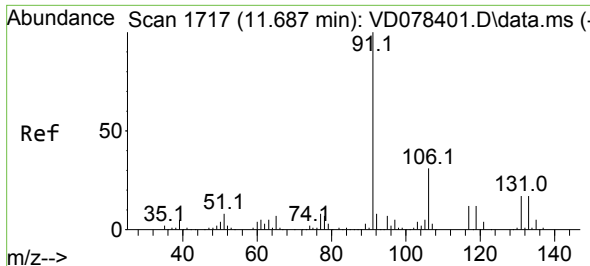
Ion Ratio Lower Upper

131 100

133 92.9 48.5 145.5

119 66.8 35.6 106.9

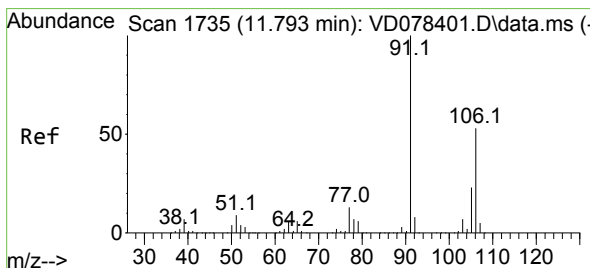
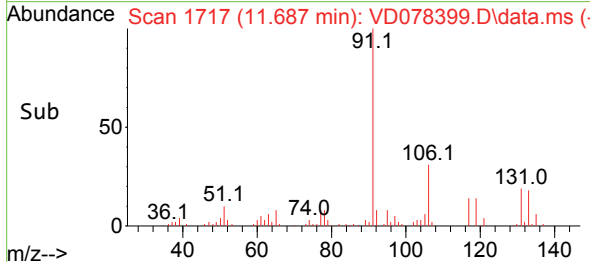
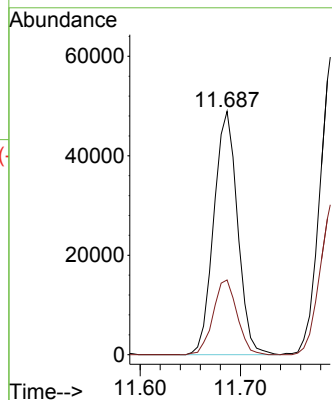
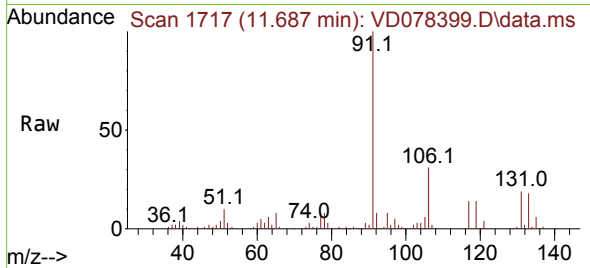




#67
Ethyl Benzene
Concen: 9.093 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

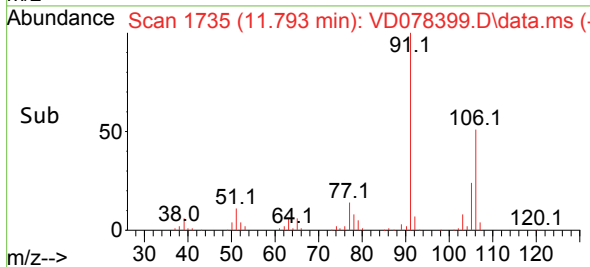
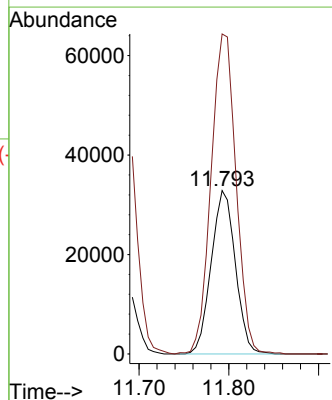
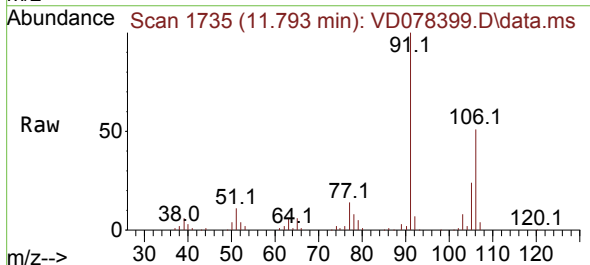
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

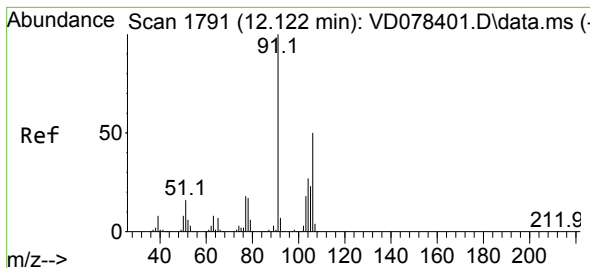
Tgt Ion: 91 Resp: 80567
Ion Ratio Lower Upper
91 100
106 30.7 26.5 39.7



#68
m/p-Xylenes
Concen: 17.802 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 106 Resp: 61525
Ion Ratio Lower Upper
106 100
91 202.4 147.0 220.6





#69

o-Xylene

Concen: 8.740 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

Instrument :

MSVOA_D

ClientSampleId :

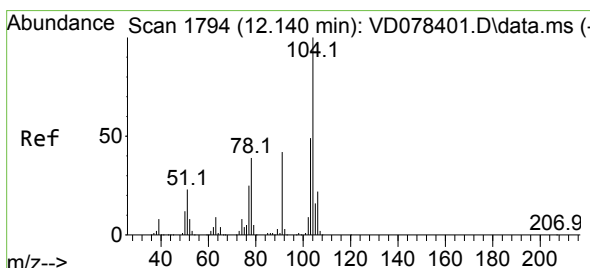
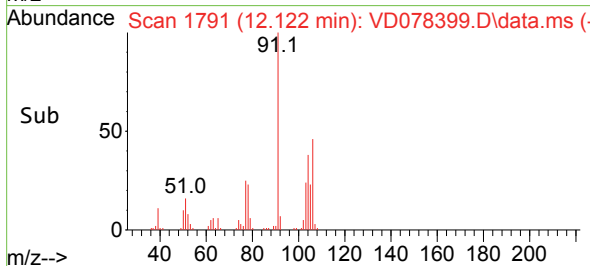
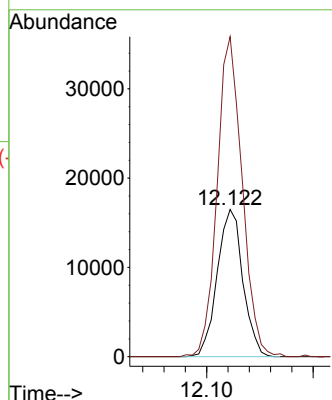
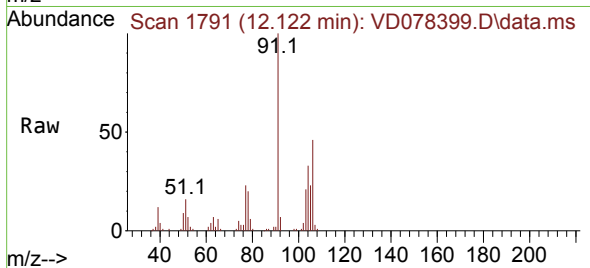
VSTDICC010

Tgt Ion:106 Resp: 27565

Ion Ratio Lower Upper

106 100

91 211.9 97.9 293.6



#70

Styrene

Concen: 9.396 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

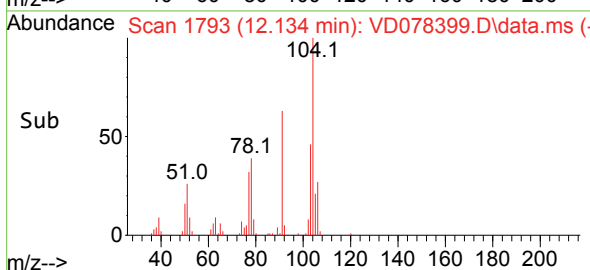
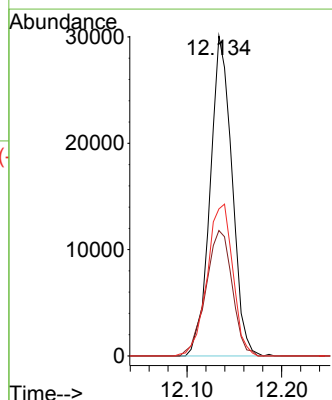
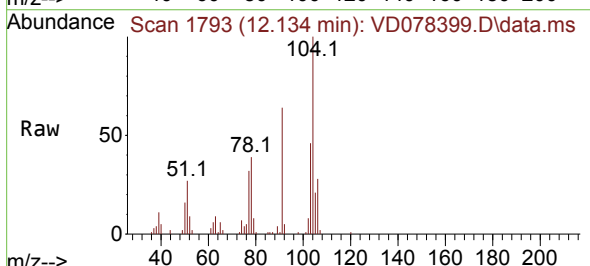
Tgt Ion:104 Resp: 48367

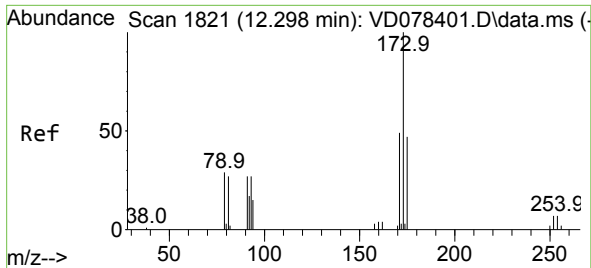
Ion Ratio Lower Upper

104 100

78 47.1 33.2 49.8

103 55.5 43.6 65.4

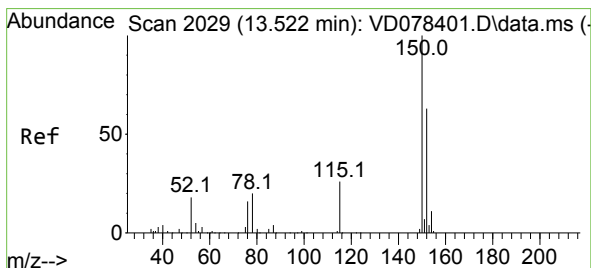
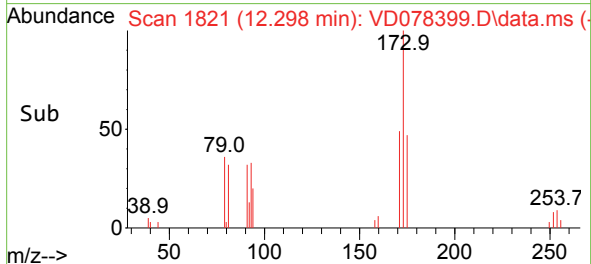
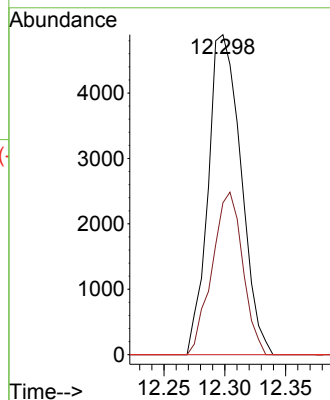
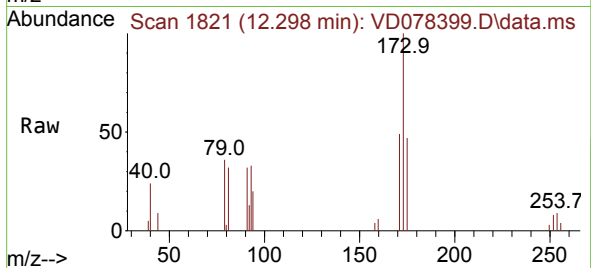




#71
Bromoform
Concen: 9.602 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

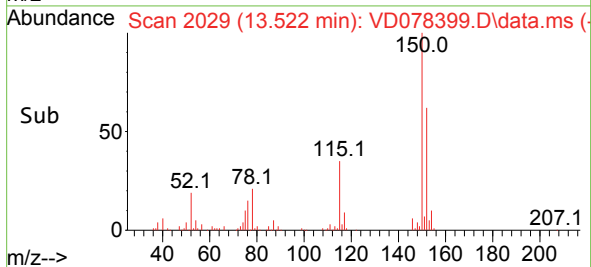
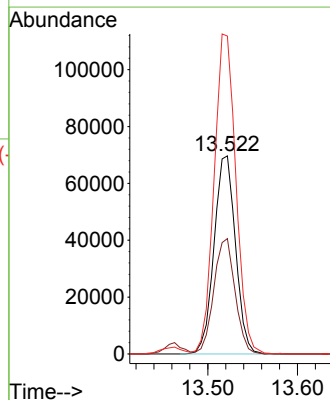
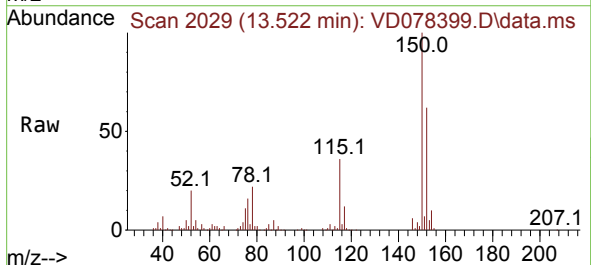
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

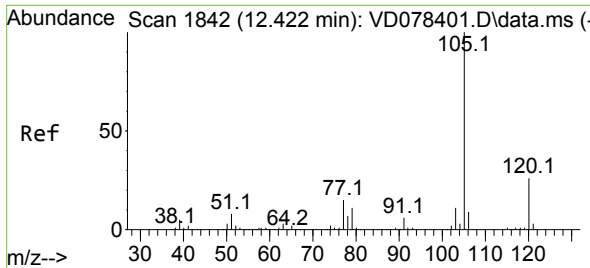
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.4	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	27.1	81.3
150	163.8	0.0	353.6

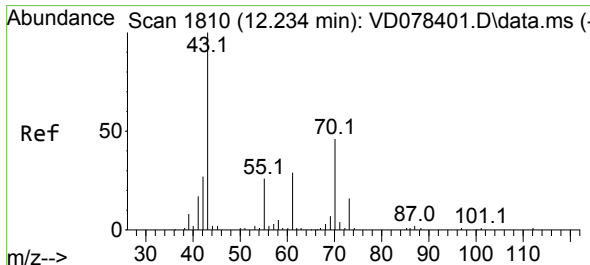
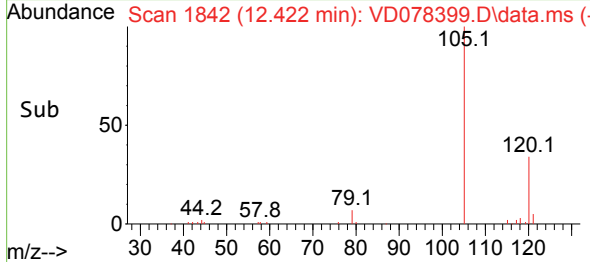
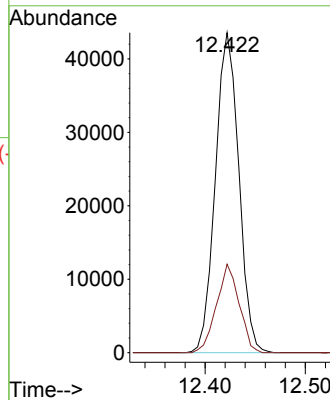
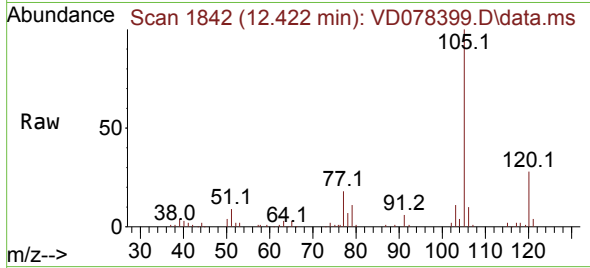




#73
Isopropylbenzene
Concen: 9.097 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

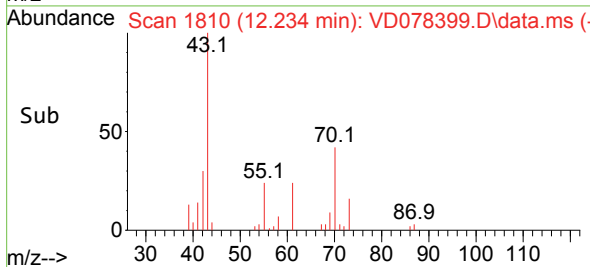
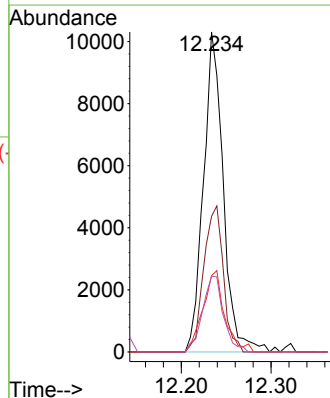
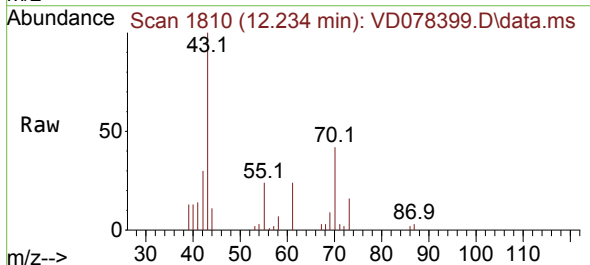
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

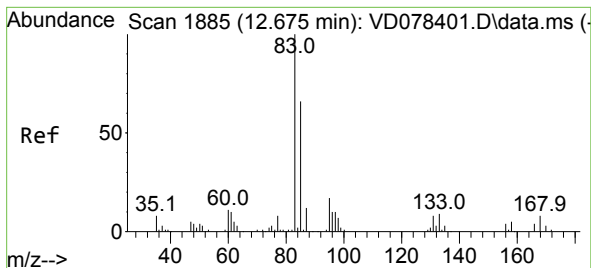
Tgt Ion:105 Resp: 70625
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9



#74
N-ethyl acetate
Concen: 10.788 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 43 Resp: 15845
Ion Ratio Lower Upper
43 100
70 44.9 45.0 67.4#
55 27.6 23.8 35.6
61 24.9 22.1 33.1

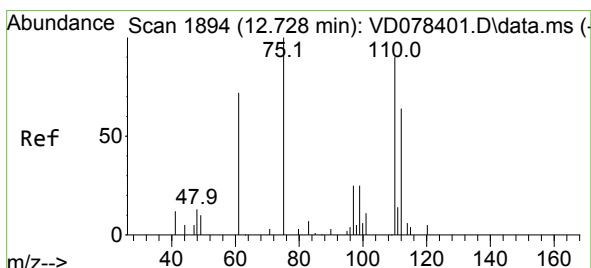
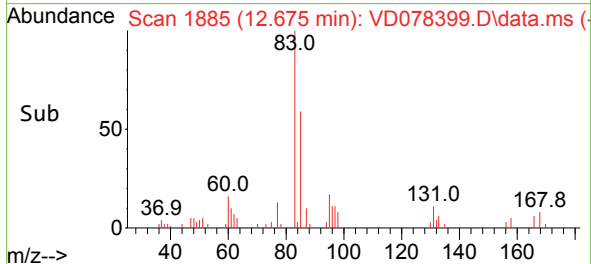
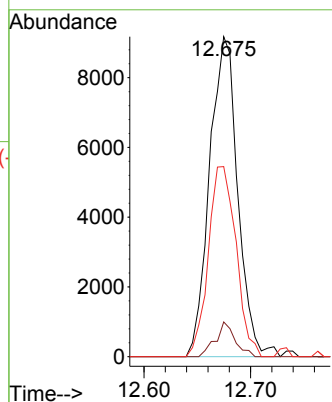
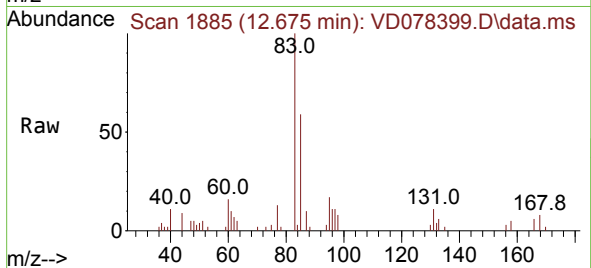




#75
1,1,2,2-Tetrachloroethane
Concen: 10.950 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

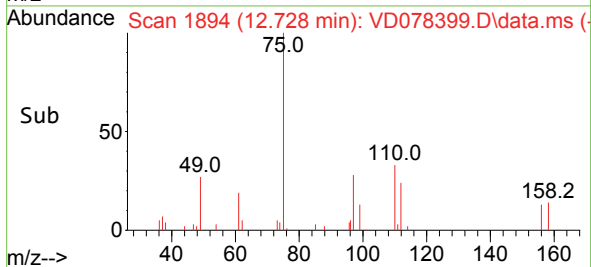
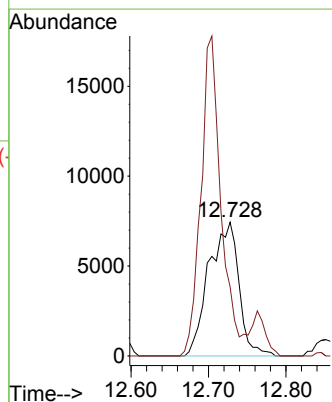
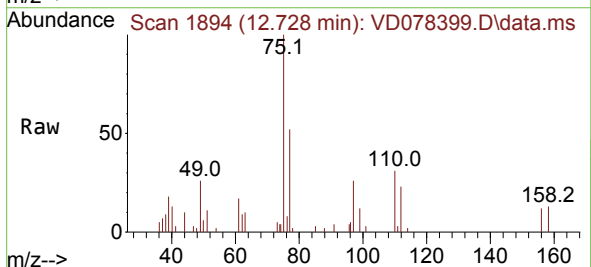
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

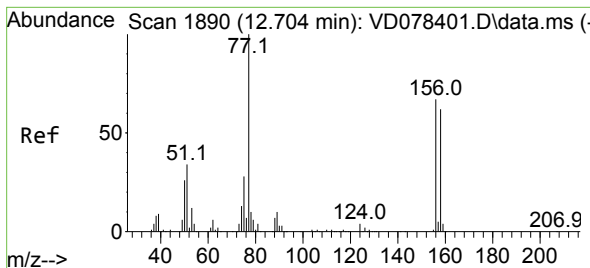
Tgt Ion: 83 Resp: 16863
Ion Ratio Lower Upper
83 100
131 7.5 5.1 15.3
85 58.3 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 20.392 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 75 Resp: 20068
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.242 ug/l

RT: 12.704 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

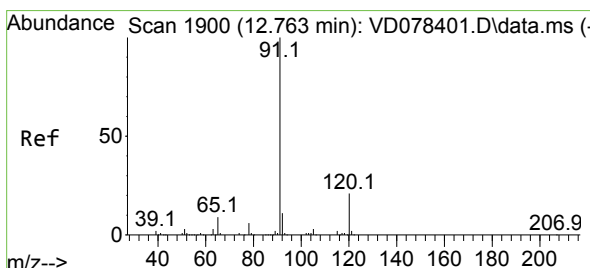
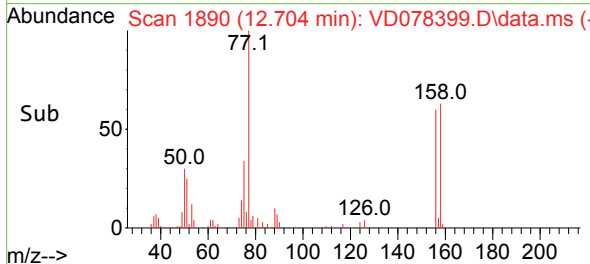
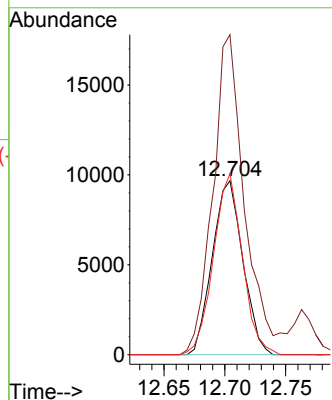
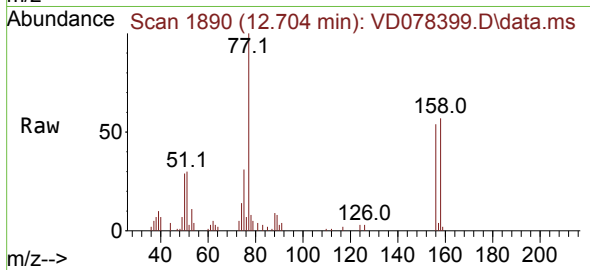
Tgt Ion:156 Resp: 16862

Ion Ratio Lower Upper

156 100

77 193.0 76.8 230.4

158 99.0 48.6 145.9



#78

n-propylbenzene

Concen: 9.519 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078399.D

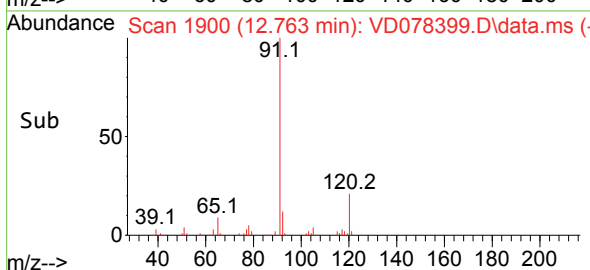
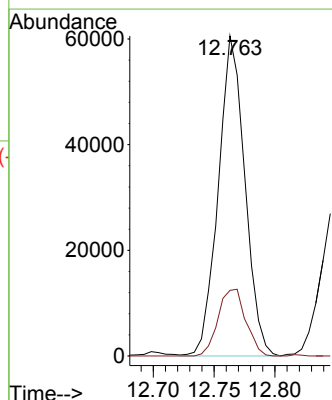
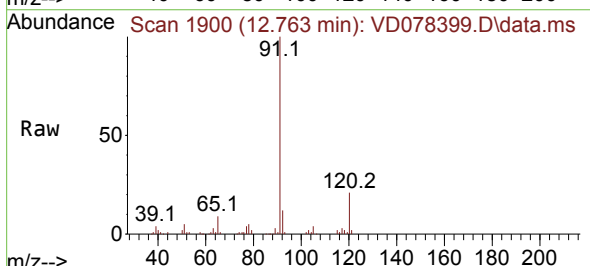
Acq: 13 Feb 2024 10:58

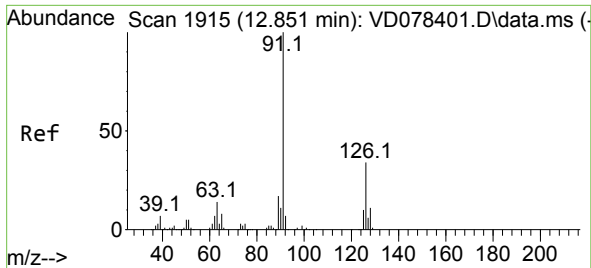
Tgt Ion: 91 Resp: 92095

Ion Ratio Lower Upper

91 100

120 21.7 12.4 37.2

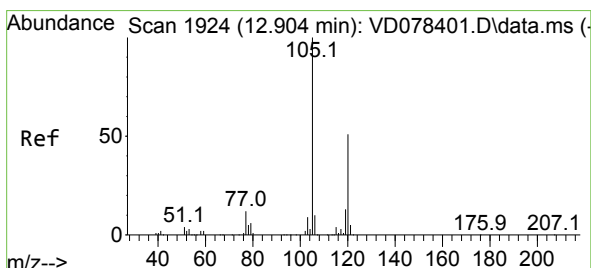
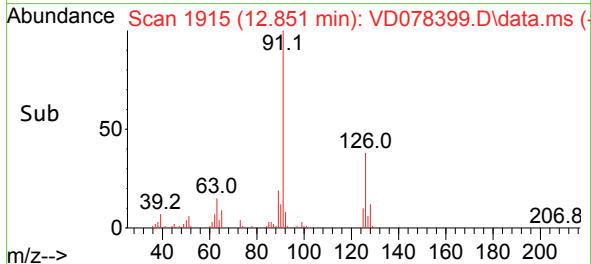
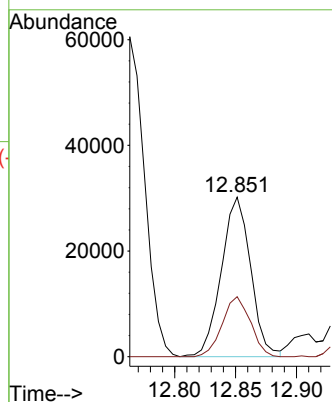
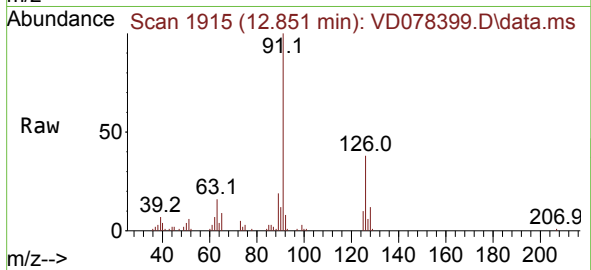




#79
2-Chlorotoluene
Concen: 9.797 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

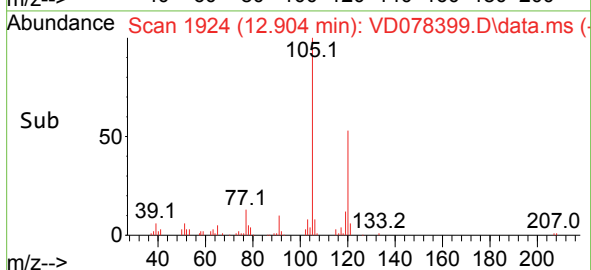
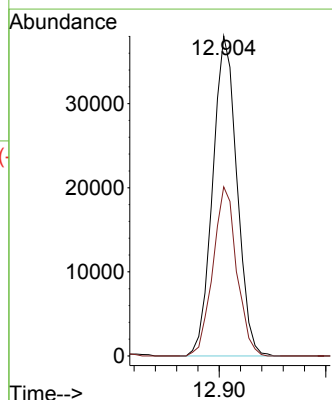
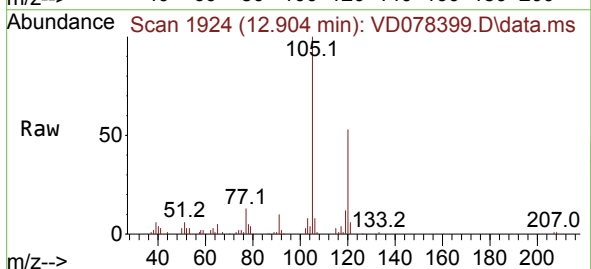
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

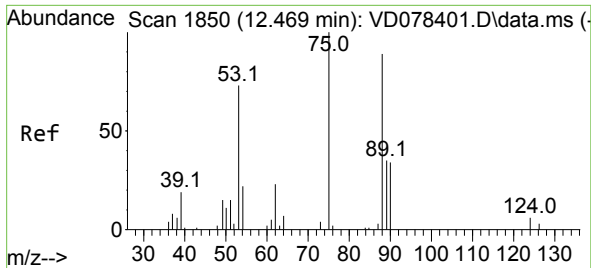
Tgt Ion: 91 Resp: 50767
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 9.324 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 105 Resp: 60106
Ion Ratio Lower Upper
105 100
120 51.8 26.4 79.2

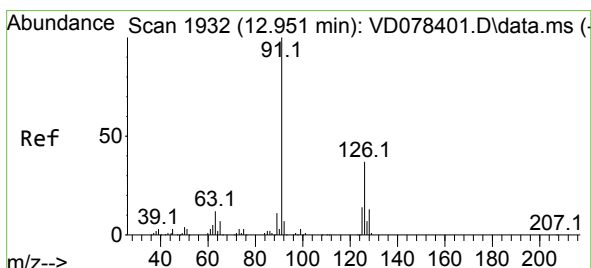
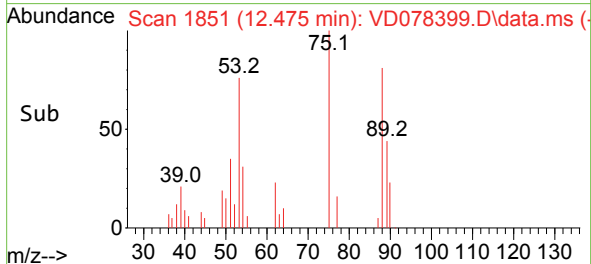
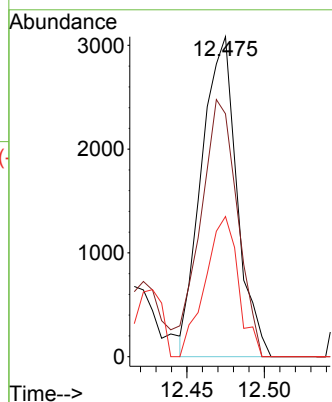
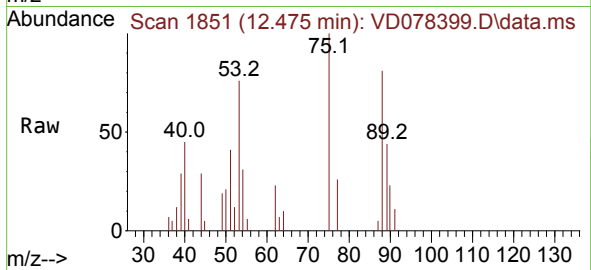




#81
trans-1,4-Dichloro-2-butene
Concen: 10.347 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

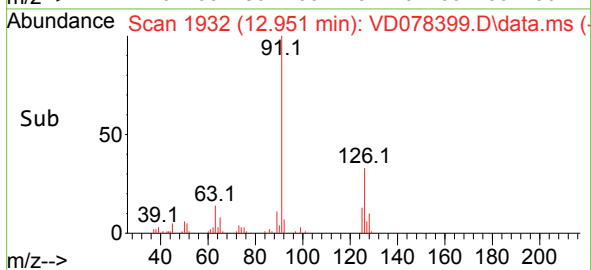
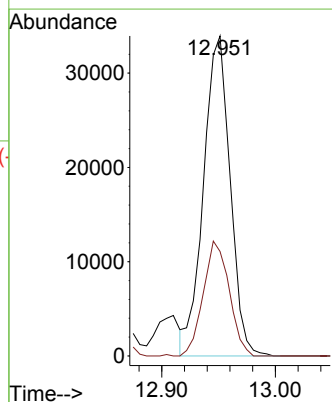
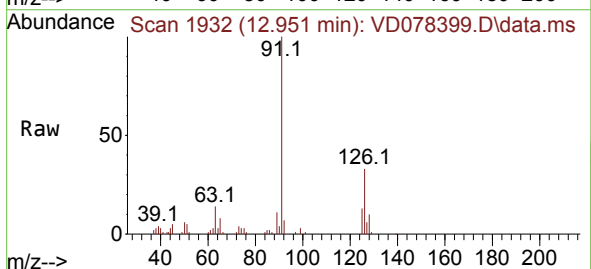
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

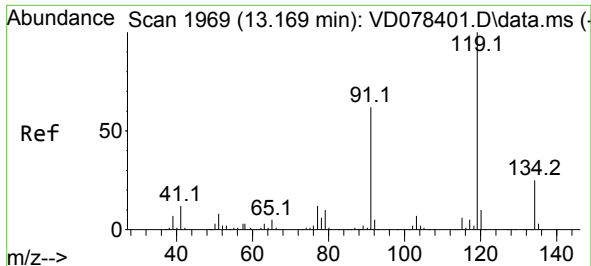
Tgt Ion: 75 Resp: 4892
Ion Ratio Lower Upper
75 100
53 84.3 63.0 94.4
89 41.1 37.9 56.9



#82
4-Chlorotoluene
Concen: 9.933 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 91 Resp: 55279
Ion Ratio Lower Upper
91 100
126 35.0 19.4 58.4

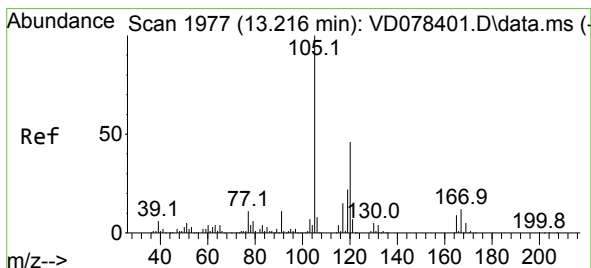
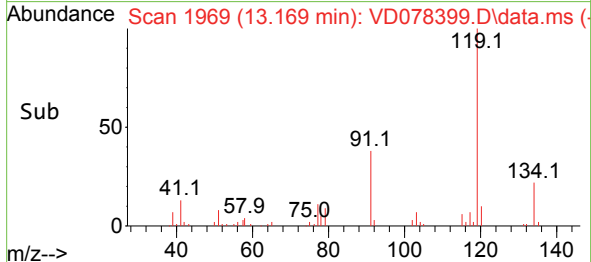
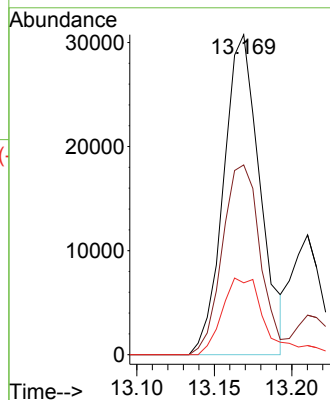
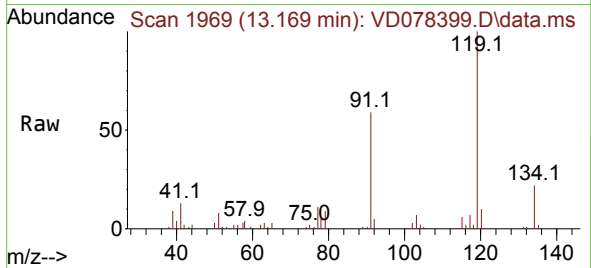




#83
tert-Butylbenzene
Concen: 9.232 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

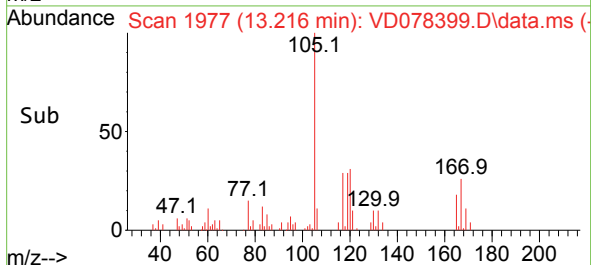
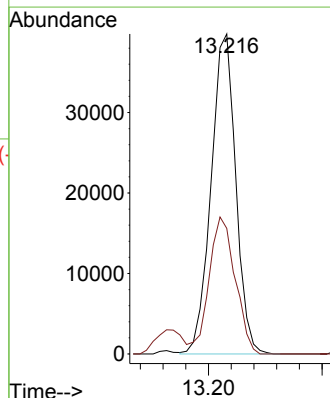
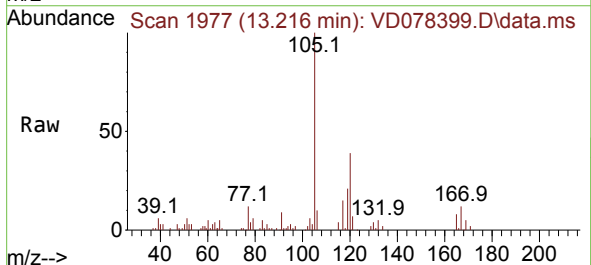
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

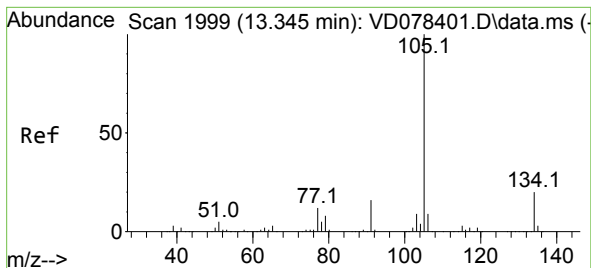
Tgt Ion:119 Resp: 50194
Ion Ratio Lower Upper
119 100
91 62.5 29.3 87.8
134 28.3 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 9.178 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion:105 Resp: 60048
Ion Ratio Lower Upper
105 100
120 45.5 24.3 72.9





#85

sec-Butylbenzene

Concen: 9.533 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

Instrument :

MSVOA_D

ClientSampleId :

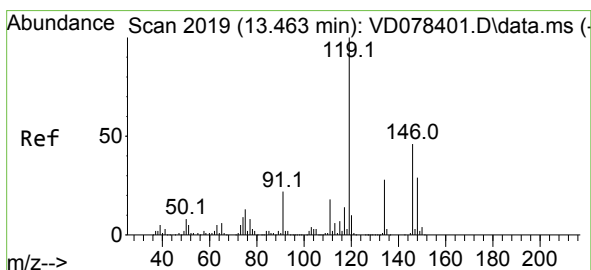
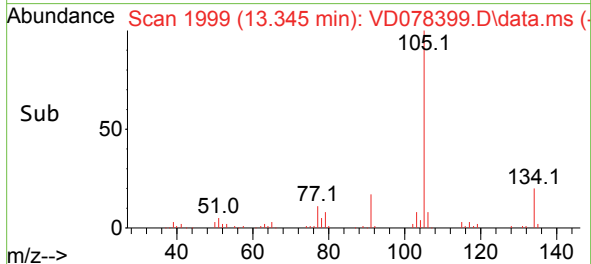
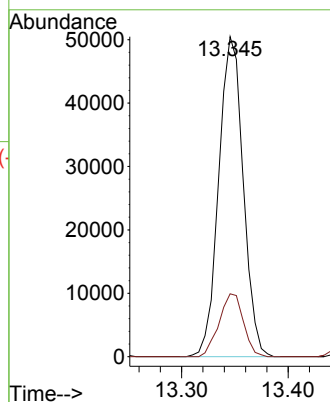
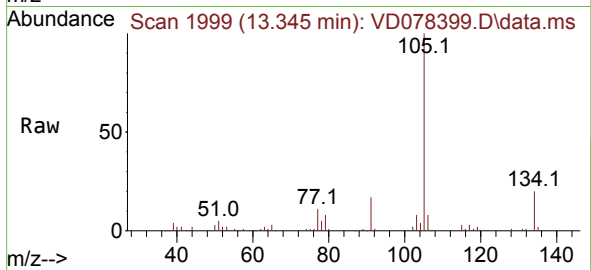
VSTDIC010

Tgt Ion:105 Resp: 80377

Ion Ratio Lower Upper

105 100

134 19.6 10.9 32.9



#86

p-Isopropyltoluene

Concen: 8.711 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

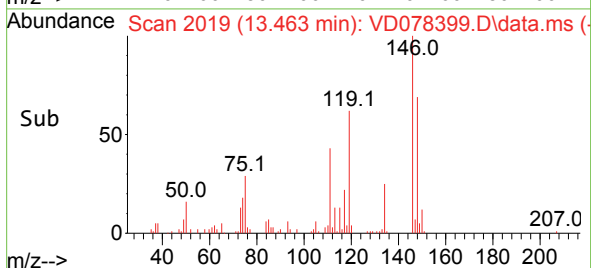
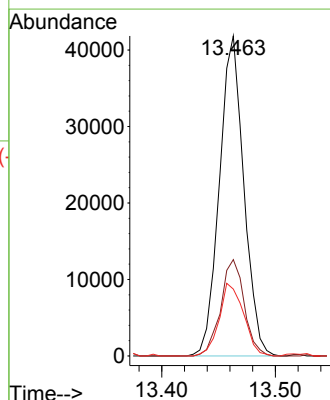
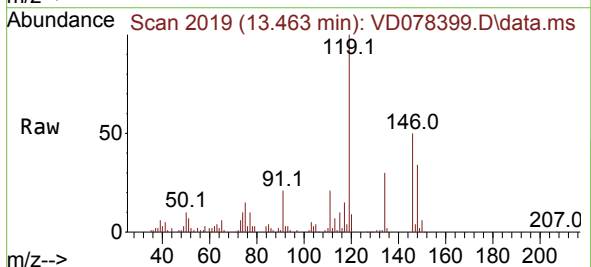
Tgt Ion:119 Resp: 62556

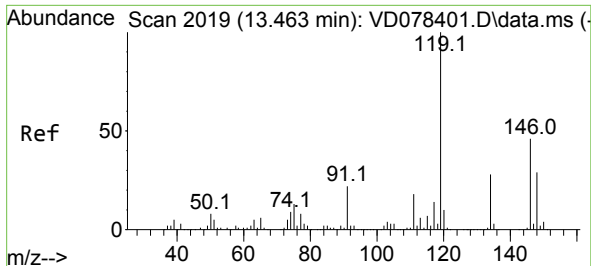
Ion Ratio Lower Upper

119 100

134 29.0 14.2 42.6

91 22.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 9.576 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

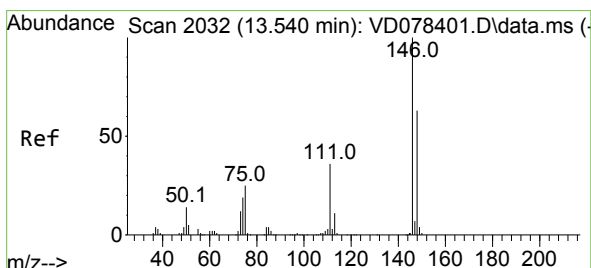
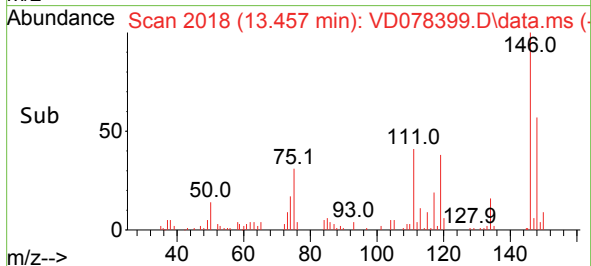
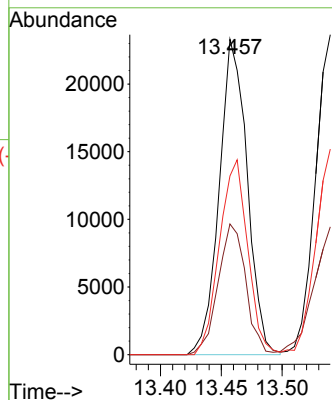
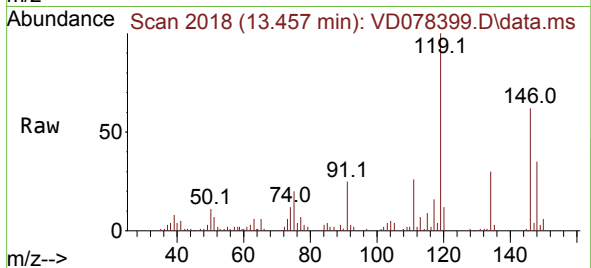
Tgt Ion:146 Resp: 37290

Ion Ratio Lower Upper

146 100

111 41.1 17.9 53.8

148 62.6 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 10.082 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

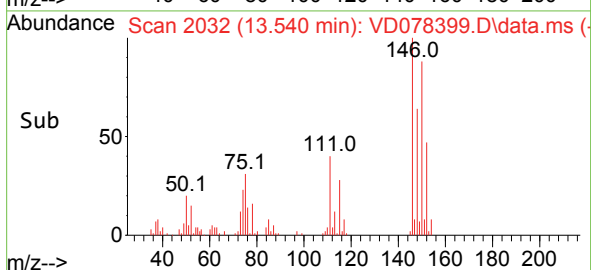
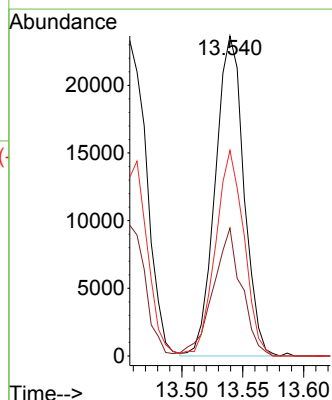
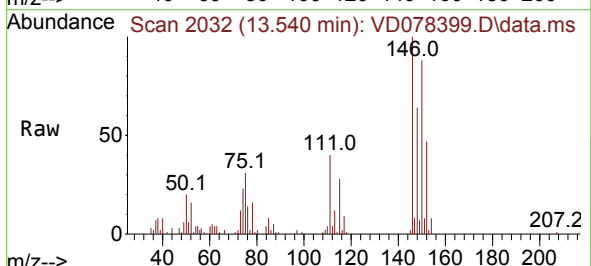
Tgt Ion:146 Resp: 38577

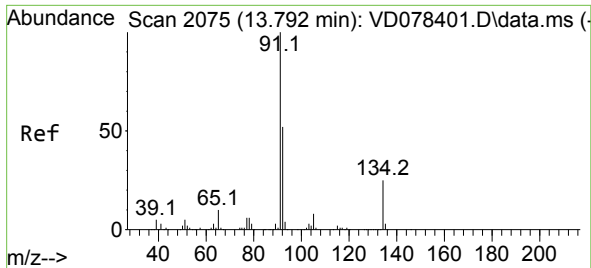
Ion Ratio Lower Upper

146 100

111 40.0 17.4 52.3

148 64.2 31.7 95.1

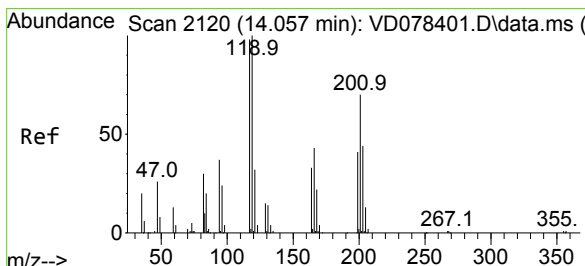
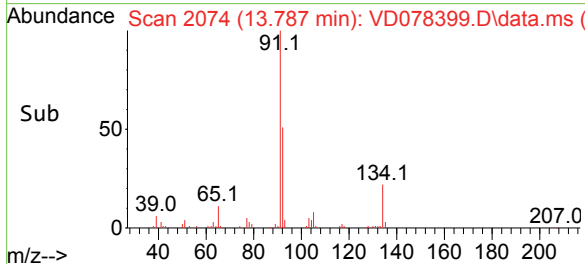
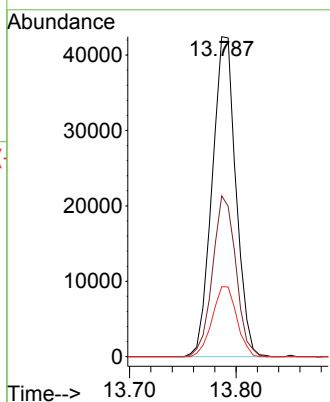
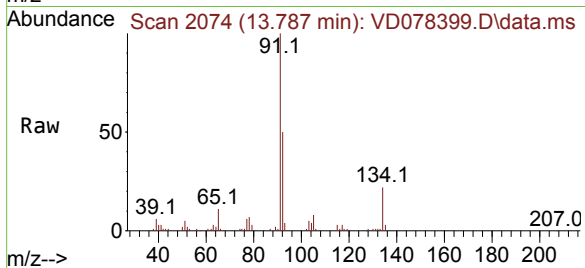




#89
n-Butylbenzene
Concen: 9.482 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

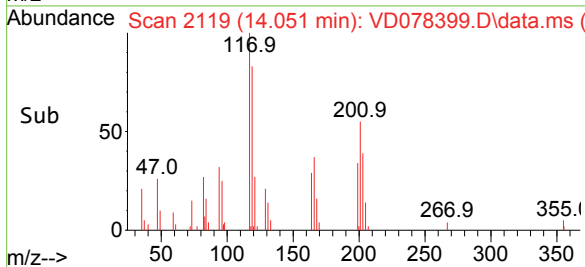
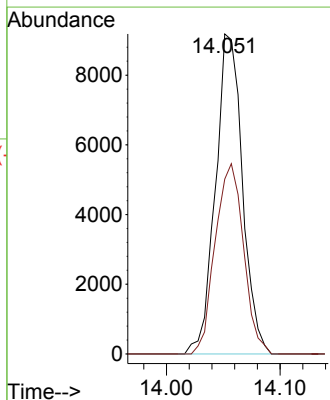
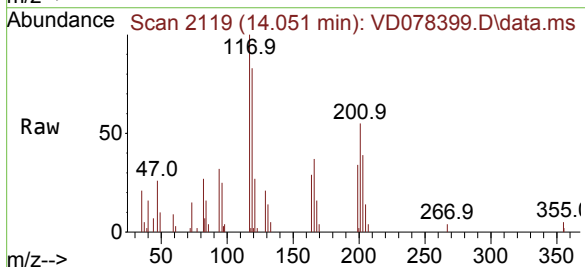
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

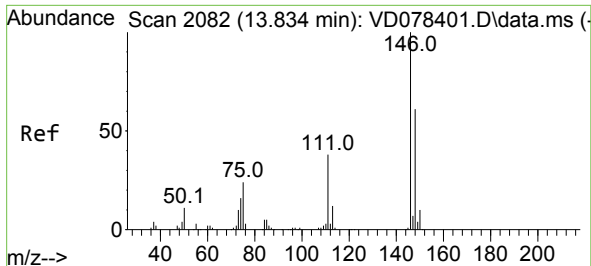
Tgt Ion: 91	Resp: 65635
Ion Ratio	Lower Upper
91	100
92	49.3 26.5 79.5
134	22.6 13.8 41.3



#90
Hexachloroethane
Concen: 10.250 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion: 117	Resp: 15130
Ion Ratio	Lower Upper
117	100
201	62.5 38.5 115.5

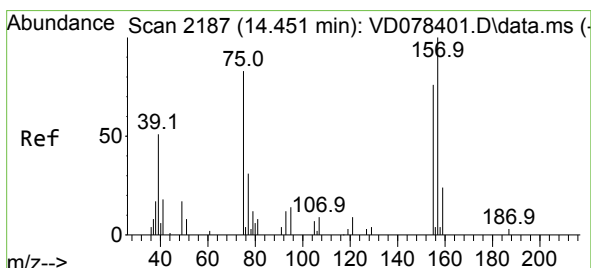
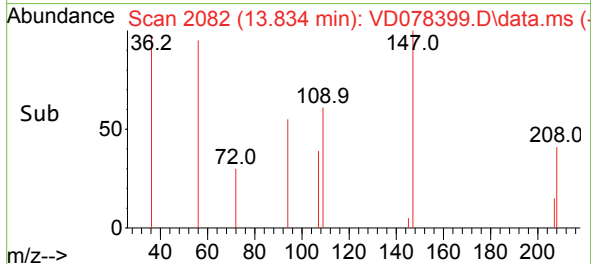
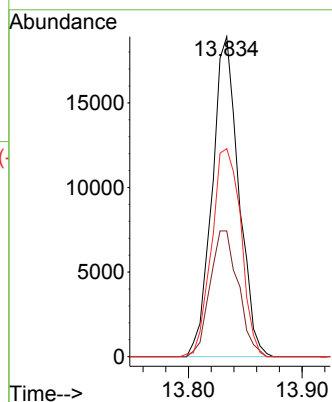
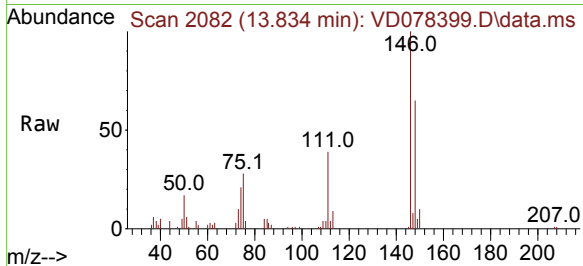




#91
1,2-Dichlorobenzene
Concen: 9.408 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

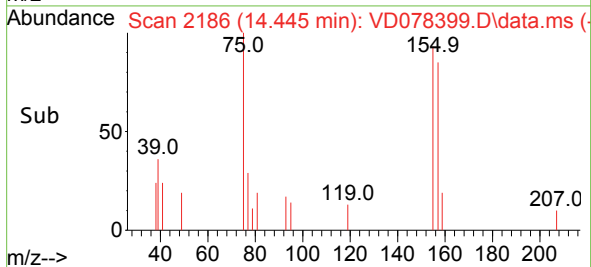
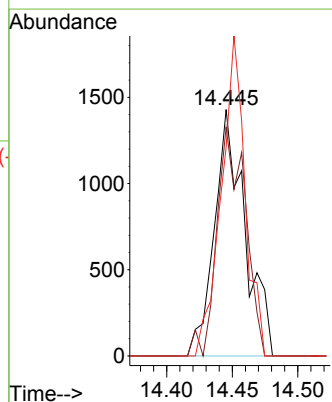
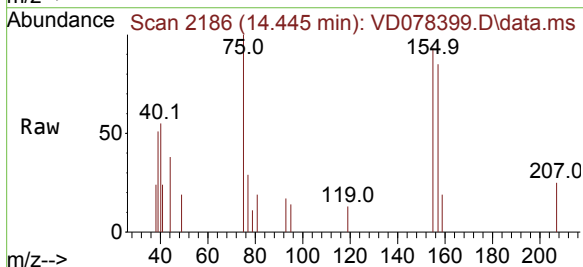
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

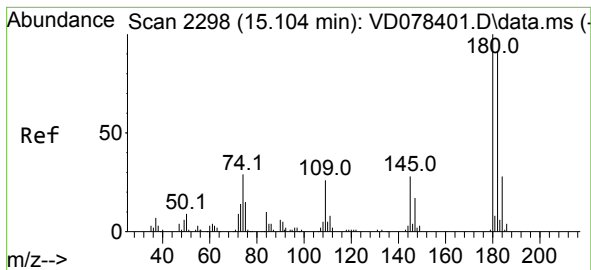
Tgt Ion:	146	Resp:	30765
Ion Ratio	Lower	Upper	
146	100		
111	41.8	18.3	54.8
148	71.5	31.6	94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 11.456 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078399.D
Acq: 13 Feb 2024 10:58

Tgt Ion:	75	Resp:	2310
Ion Ratio	Lower	Upper	
75	100		
155	86.6	47.9	143.8
157	101.3	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 9.478 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

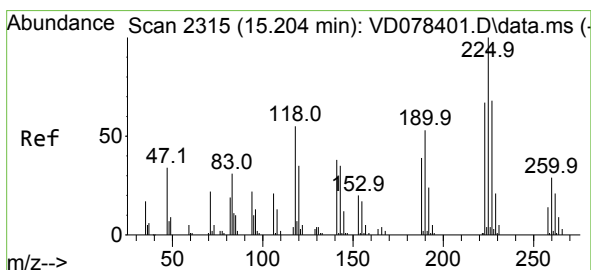
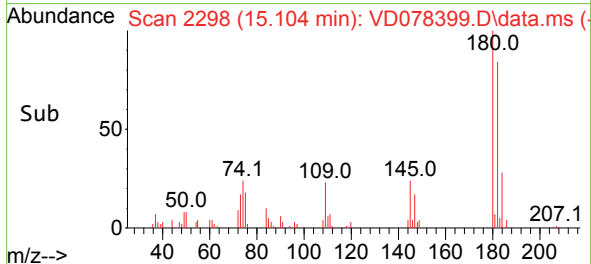
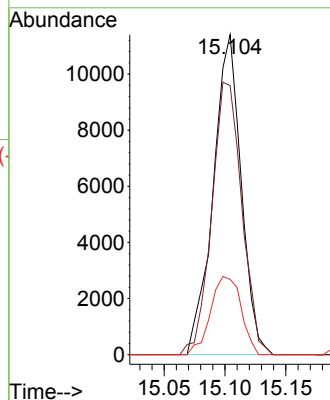
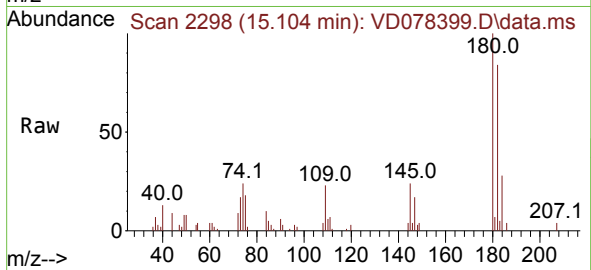
Tgt Ion:180 Resp: 18214

Ion Ratio Lower Upper

180 100

182 91.4 48.5 145.6

145 26.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 9.471 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

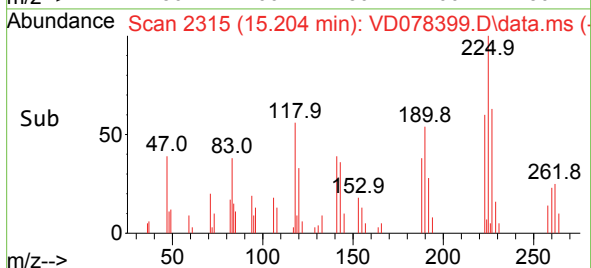
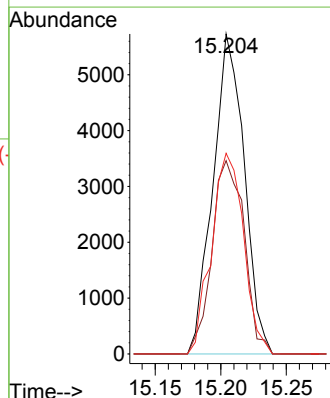
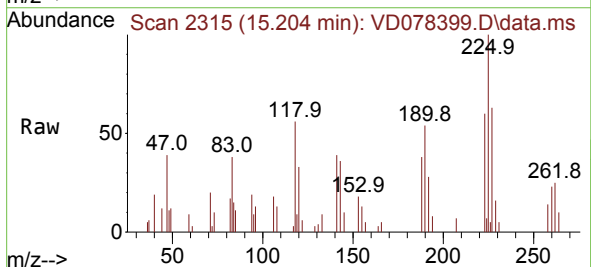
Tgt Ion:225 Resp: 9500

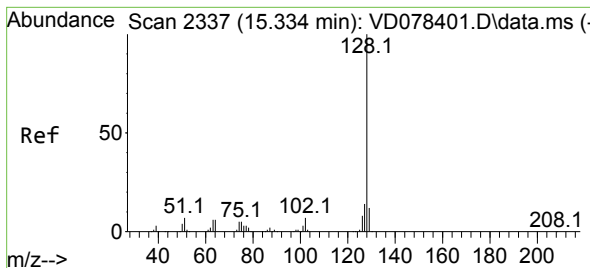
Ion Ratio Lower Upper

225 100

223 62.3 31.6 94.8

227 64.4 31.7 95.1





#95

Naphthalene

Concen: 9.118 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

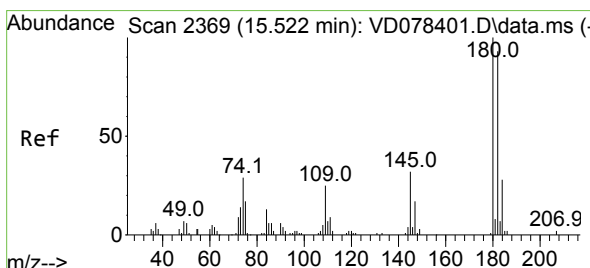
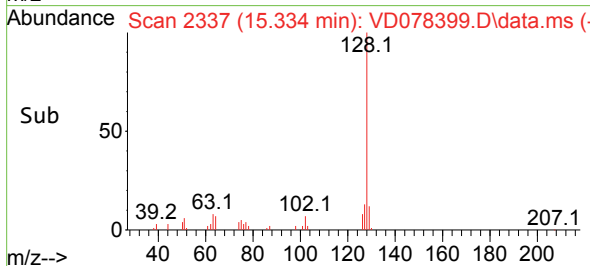
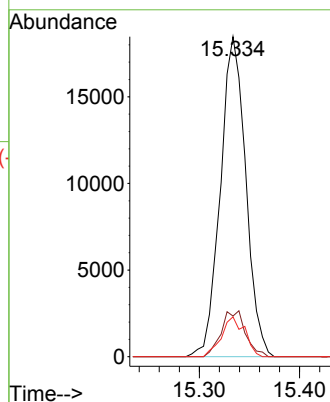
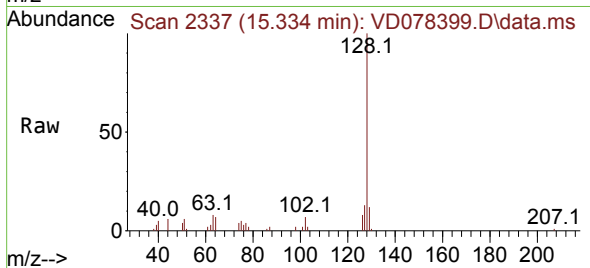
Tgt Ion:128 Resp: 32502

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 12.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 8.871 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078399.D

Acq: 13 Feb 2024 10:58

Tgt Ion:180 Resp: 14448

Ion Ratio Lower Upper

180 100

182 108.1 47.3 141.9

145 32.3 15.1 45.3

