

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078659.D
 Acq On : 14 Mar 2024 10:55
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Mar 15 05:25:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:17:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	129110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	215460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	206752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105645	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	26113	21.582	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	43.160%#
35) Dibromofluoromethane	7.805	113	28769	20.738	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	41.480%#
50) Toluene-d8	10.269	98	106179	20.812	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	41.620%#
62) 4-Bromofluorobenzene	12.575	95	32069	21.486	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	42.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	24915	20.734	ug/l	100
3) Chloromethane	2.152	50	40403	21.295	ug/l	96
4) Vinyl Chloride	2.287	62	60256	21.529	ug/l	91
5) Bromomethane	2.687	94	58091	21.677	ug/l	99
6) Chloroethane	2.834	64	47828	21.912	ug/l	98
7) Trichlorofluoromethane	3.175	101	48715	22.001	ug/l	95
8) Diethyl Ether	3.593	74	12680	19.614	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.964	101	28399	20.436	ug/l	98
10) Methyl Iodide	4.164	142	33180	20.185	ug/l	98
11) Tert butyl alcohol	5.052	59	6273	115.846	ug/l #	75
12) 1,1-Dichloroethene	3.946	96	28649	21.687	ug/l #	90
13) Acrolein	3.799	56	10184	120.060	ug/l	100
14) Allyl chloride	4.558	41	30569	20.739	ug/l	98
15) Acrylonitrile	5.258	53	26433	101.426	ug/l	94
16) Acetone	4.028	43	23986	102.515	ug/l	88
17) Carbon Disulfide	4.270	76	93503	21.591	ug/l	97
18) Methyl Acetate	4.570	43	9774	19.465	ug/l	96
19) Methyl tert-butyl Ether	5.317	73	53934	20.245	ug/l	97
20) Methylene Chloride	4.805	84	38398	21.273	ug/l	93
21) trans-1,2-Dichloroethene	5.317	96	32573	20.897	ug/l	96
22) Diisopropyl ether	6.216	45	72651	21.679	ug/l	97
23) Vinyl Acetate	6.158	43	207650	105.928	ug/l	99
24) 1,1-Dichloroethane	6.111	63	52677	20.965	ug/l	99
25) 2-Butanone	7.087	43	32767	105.335	ug/l	91
26) 2,2-Dichloropropane	7.081	77	45158	21.243	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	37160	20.902	ug/l	98
28) Bromochloromethane	7.422	49	18486	20.637	ug/l	97
29) Tetrahydrofuran	7.446	42	17882	105.689	ug/l	97
30) Chloroform	7.599	83	56592	20.201	ug/l	90
31) Cyclohexane	7.881	56	41408	20.361	ug/l	95
32) 1,1,1-Trichloroethane	7.799	97	49380	20.775	ug/l	99
36) 1,1-Dichloropropene	8.011	75	42885	21.306	ug/l	99
37) Ethyl Acetate	7.175	43	13146	19.992	ug/l	96
38) Carbon Tetrachloride	7.993	117	44558	20.999	ug/l	89
39) Methylcyclohexane	9.275	83	47887	20.509	ug/l	98
40) Benzene	8.252	78	127552	20.964	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	8058	22.500	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	31669	21.343	ug/l	100
43) Isopropyl Acetate	8.358	43	24939	20.855	ug/l #	83
44) Trichloroethene	9.028	130	35120	21.269	ug/l	93
45) 1,2-Dichloropropane	9.305	63	29868	20.694	ug/l	96
46) Dibromomethane	9.393	93	17498	20.224	ug/l	98
47) Bromodichloromethane	9.587	83	41601	20.198	ug/l	95
48) Methyl methacrylate	9.381	41	12245	21.015	ug/l	95
49) 1,4-Dioxane	9.387	88	3310	413.186	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	64480	103.140	ug/l	99
52) Toluene	10.334	92	81585	20.827	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	39344	20.892	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	46861	20.699	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	23850	20.585	ug/l	96
56) Ethyl methacrylate	10.593	69	23243	20.011	ug/l	98
57) 1,3-Dichloropropane	10.881	76	39379	21.064	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	47023	91.815	ug/l	99
59) 2-Hexanone	10.922	43	47717	102.962	ug/l	98
60) Dibromochloromethane	11.075	129	29617	20.728	ug/l	95
61) 1,2-Dibromoethane	11.181	107	23602	21.049	ug/l	97
64) Tetrachloroethene	10.810	164	26999	19.733	ug/l	96
65) Chlorobenzene	11.604	112	88197	20.414	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	31282	19.770	ug/l	99
67) Ethyl Benzene	11.681	91	149315	20.281	ug/l	99
68) m/p-Xylenes	11.793	106	122269	40.898	ug/l	98
69) o-Xylene	12.122	106	55946	20.226	ug/l	98
70) Styrene	12.134	104	95557	20.582	ug/l	99
71) Bromoform	12.299	173	17317	20.252	ug/l #	96
73) Isopropylbenzene	12.422	105	142353	20.466	ug/l	100
74) N-amyl acetate	12.234	43	23008	20.373	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	26255	20.390	ug/l	99
76) 1,2,3-Trichloropropane	12.716	75	30488	37.534	ug/l #	100
77) Bromobenzene	12.698	156	34826	20.189	ug/l	99
78) n-propylbenzene	12.763	91	176408	20.835	ug/l	100
79) 2-Chlorotoluene	12.851	91	94459	20.337	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	116413	20.239	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	7581	19.524	ug/l	92
82) 4-Chlorotoluene	12.946	91	102598	20.884	ug/l	96
83) tert-Butylbenzene	13.169	119	100027	20.168	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	117152	20.210	ug/l	97
85) sec-Butylbenzene	13.346	105	154030	20.522	ug/l	98
86) p-Isopropyltoluene	13.457	119	130502	20.311	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	73342	20.148	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	73511	20.491	ug/l	99
89) n-Butylbenzene	13.787	91	118402	20.404	ug/l	98
90) Hexachloroethane	14.051	117	27318	20.547	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	62919	20.069	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3273	19.001	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	35650	19.484	ug/l	97
94) Hexachlorobutadiene	15.204	225	20194	20.386	ug/l	94
95) Naphthalene	15.334	128	59274	18.633	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.522	180	31139	19.672	ug/l	97

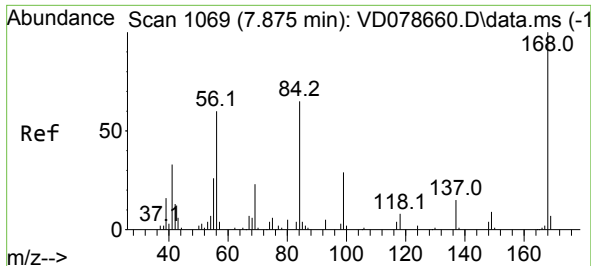
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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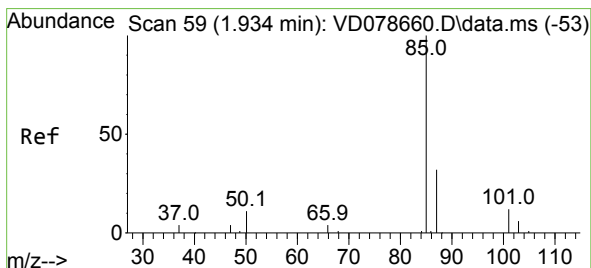
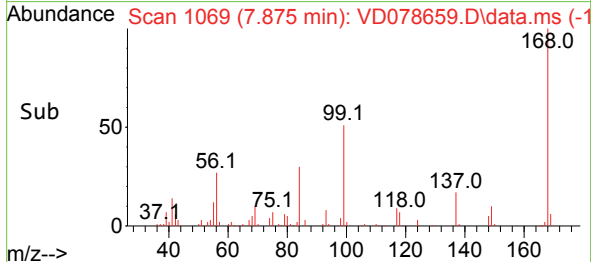
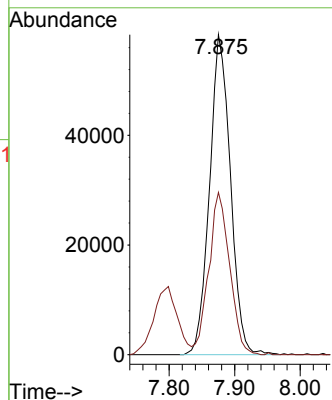
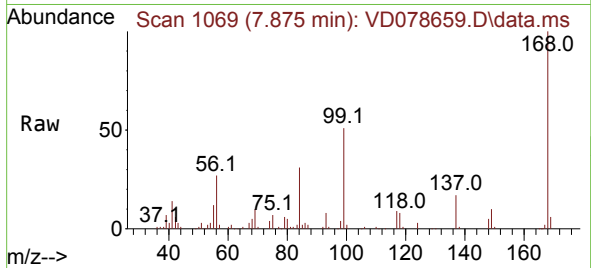
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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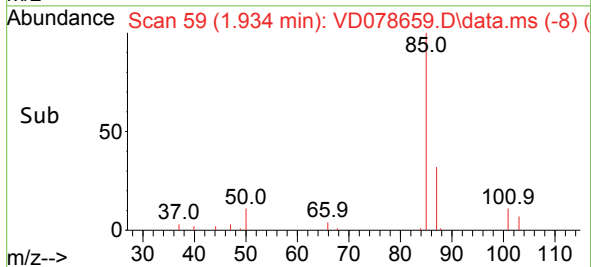
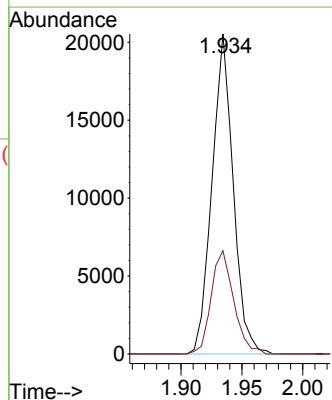
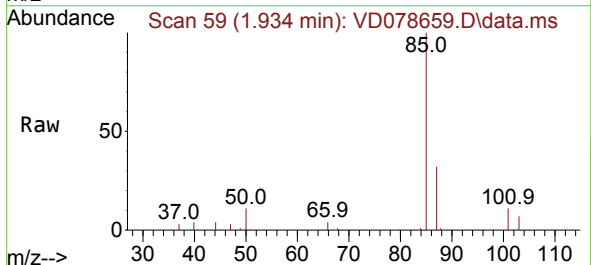
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ClientSampleId :
VSTDICC020

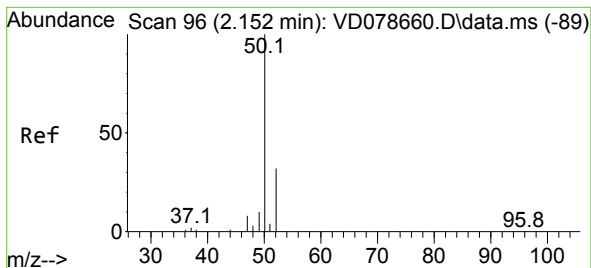
Tgt Ion:168 Resp: 129110
Ion Ratio Lower Upper
168 100
99 50.7 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 20.734 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion: 85 Resp: 24915
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.5





#3

Chloromethane

Concen: 21.295 ug/l

RT: 2.152 min Scan# 96

Delta R.T. 0.000 min

Lab File: VD078659.D

Acq: 14 Mar 2024 10:55

Instrument :

MSVOA_D

ClientSampleId :

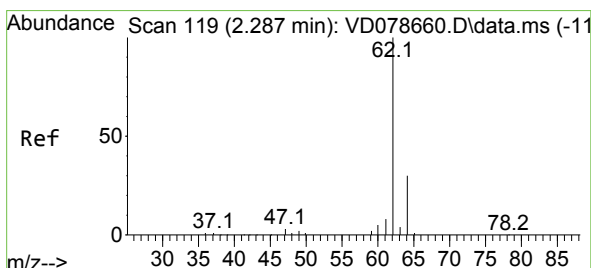
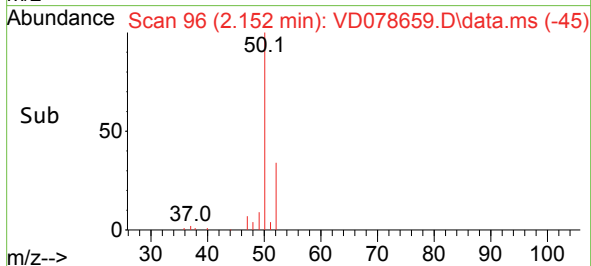
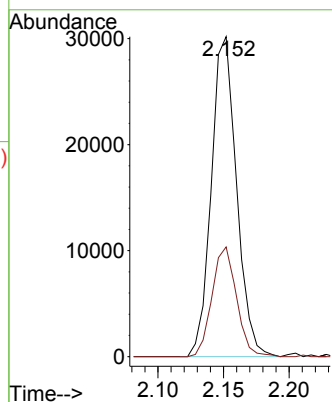
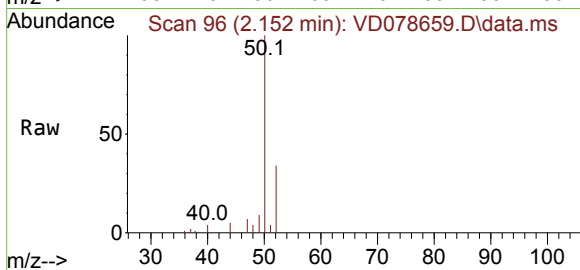
VSTDIC020

Tgt Ion: 50 Resp: 40403

Ion Ratio Lower Upper

50 100

52 34.3 25.6 38.4



#4

Vinyl Chloride

Concen: 21.529 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078659.D

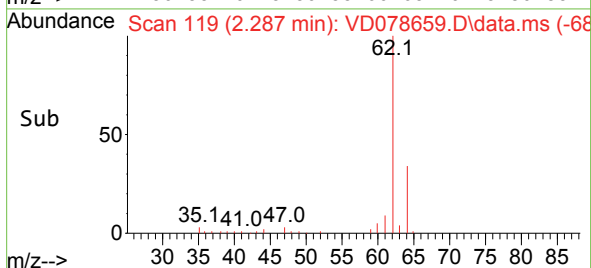
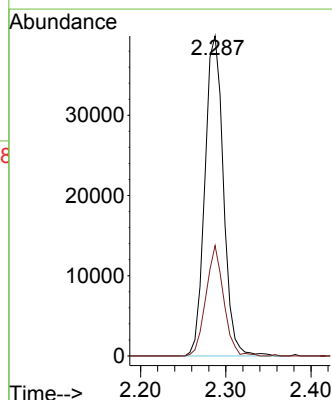
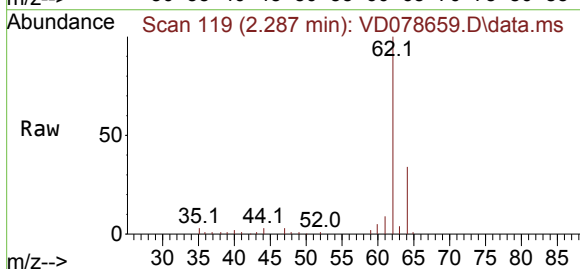
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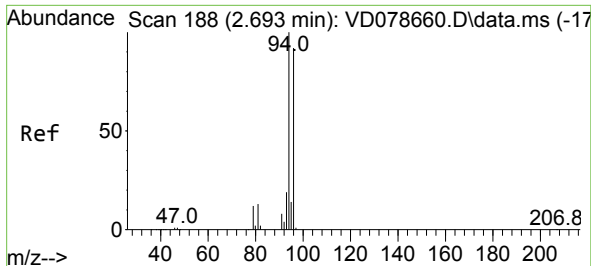
Tgt Ion: 62 Resp: 60256

Ion Ratio Lower Upper

62 100

64 34.5 23.7 35.5

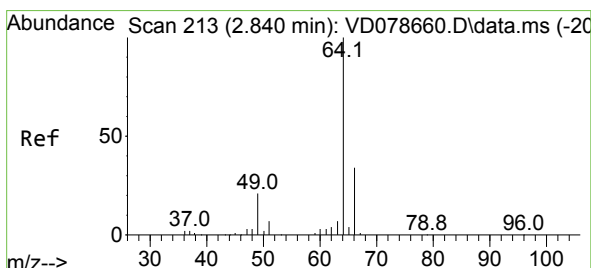
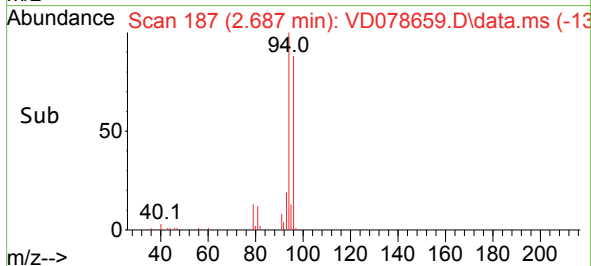
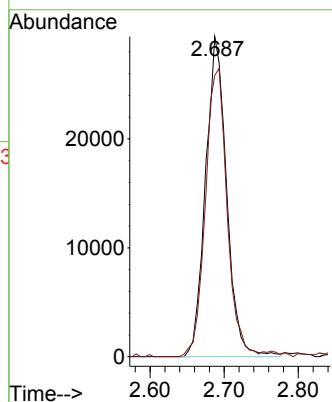
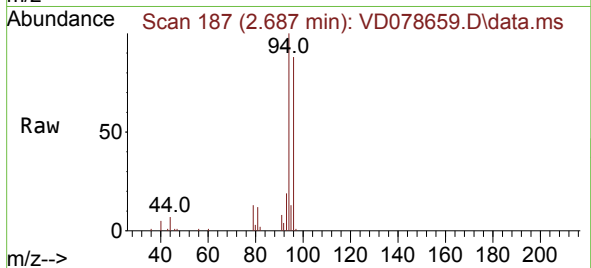




#5
Bromomethane
Concen: 21.677 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

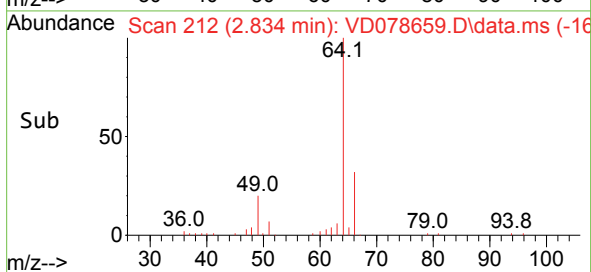
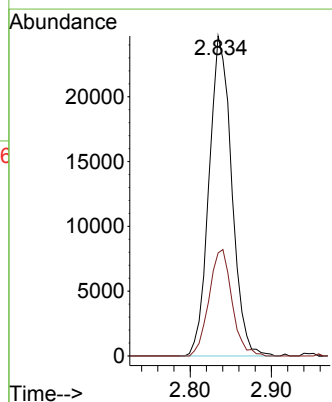
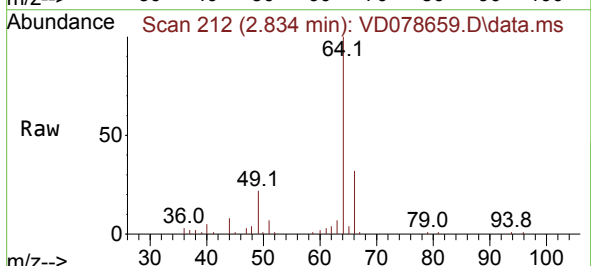
Instrument :
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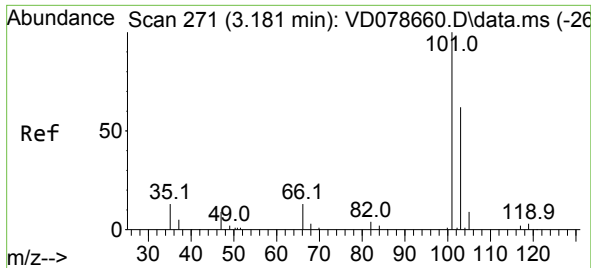
Tgt Ion: 94 Resp: 58091
Ion Ratio Lower Upper
94 100
96 92.5 73.5 110.3



#6
Chloroethane
Concen: 21.912 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion: 64 Resp: 47828
Ion Ratio Lower Upper
64 100
66 32.2 26.8 40.2

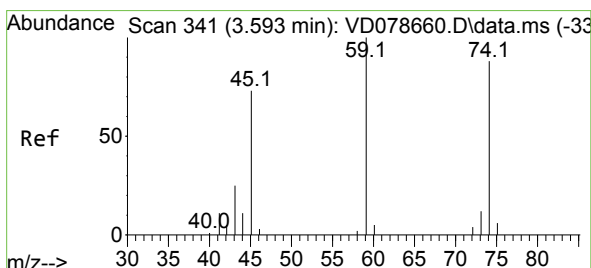
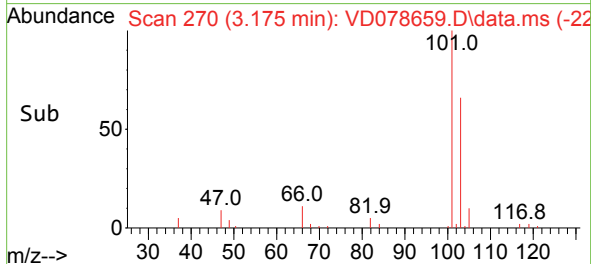
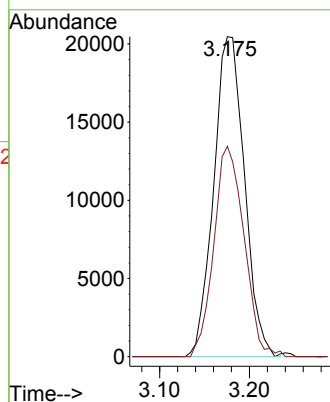
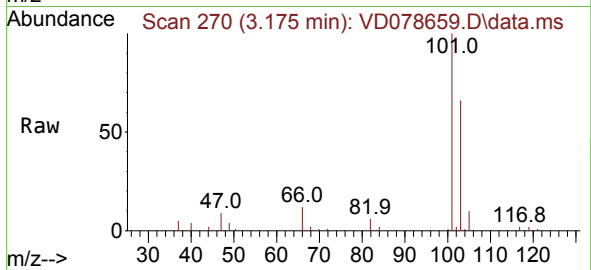




#7
 Trichlorofluoromethane
 Concen: 22.001 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078659.D
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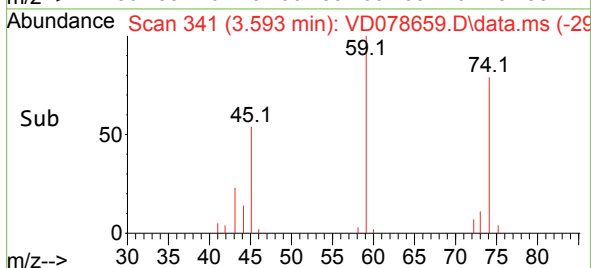
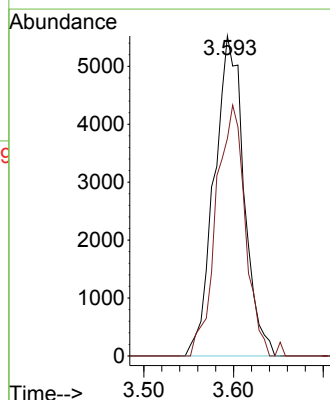
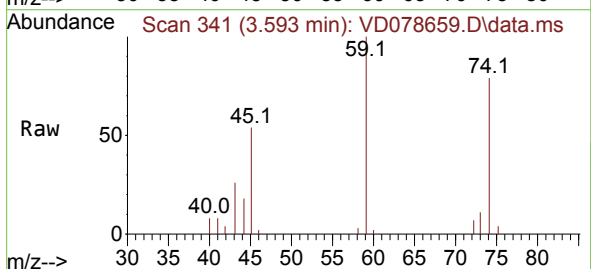
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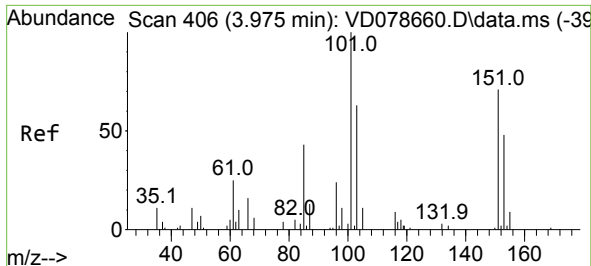
Tgt Ion:101 Resp: 48715
 Ion Ratio Lower Upper
 101 100
 103 65.8 49.7 74.5



#8
 Diethyl Ether
 Concen: 19.614 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD078659.D
 Acq: 14 Mar 2024 10:55

Tgt Ion: 74 Resp: 12680
 Ion Ratio Lower Upper
 74 100
 45 76.8 42.4 127.3

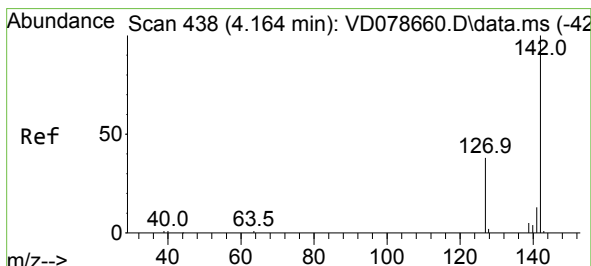
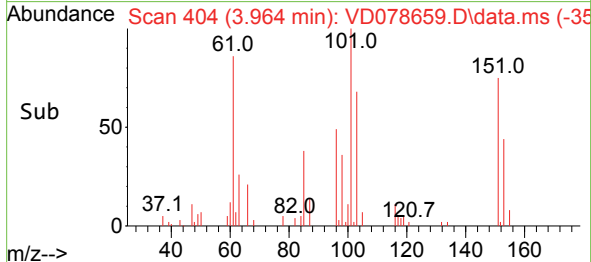
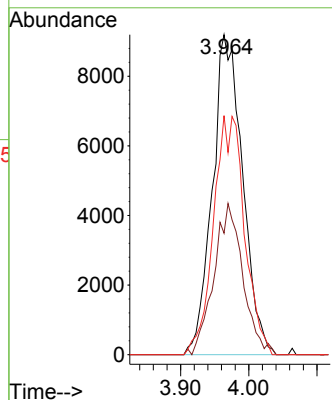
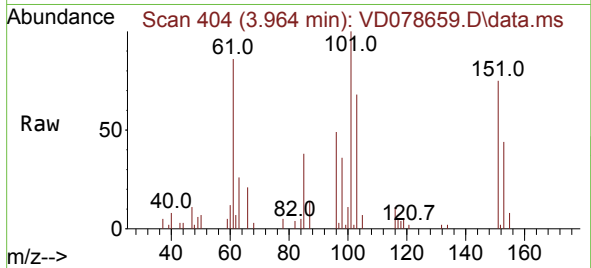




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.436 ug/l
RT: 3.964 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078659.D
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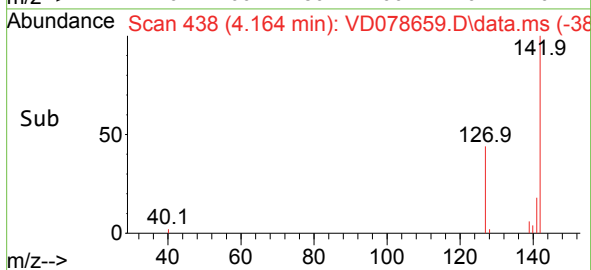
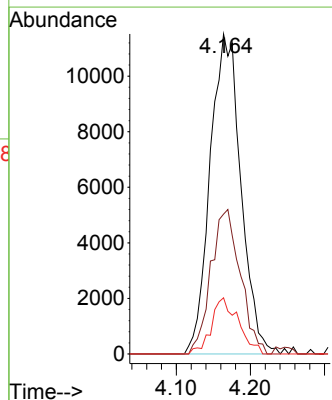
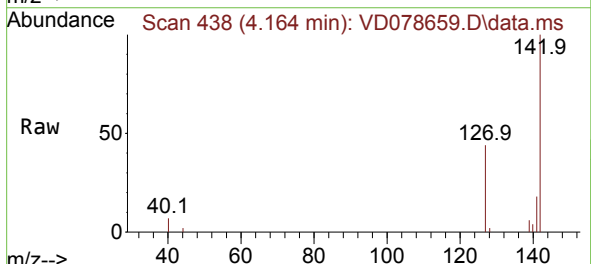
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

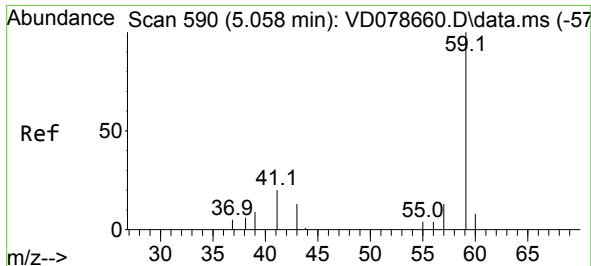
Tgt Ion:101 Resp: 28399
Ion Ratio Lower Upper
101 100
85 45.1 35.8 53.6
151 76.5 59.4 89.2



#10
Methyl Iodide
Concen: 20.185 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion:142 Resp: 33180
Ion Ratio Lower Upper
142 100
127 43.2 33.5 50.3
141 15.4 11.7 17.5





#11

Tert butyl alcohol

Concen: 115.846 ug/l

RT: 5.052 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD078659.D

Acq: 14 Mar 2024 10:55

Instrument :

MSVOA_D

ClientSampleId :

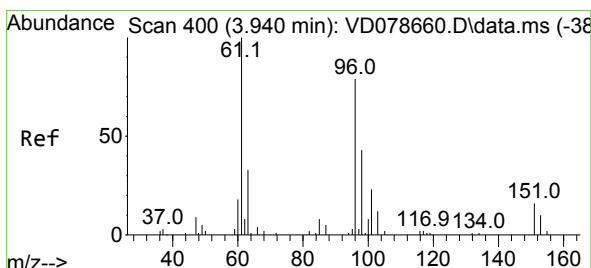
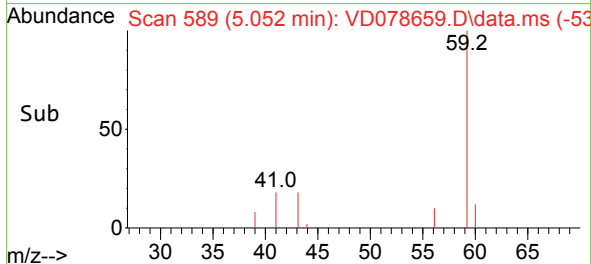
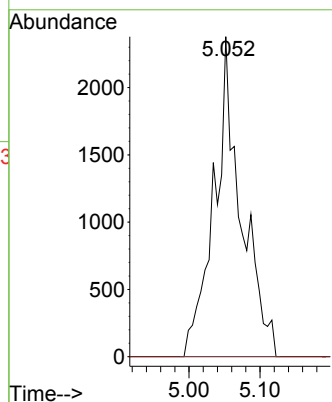
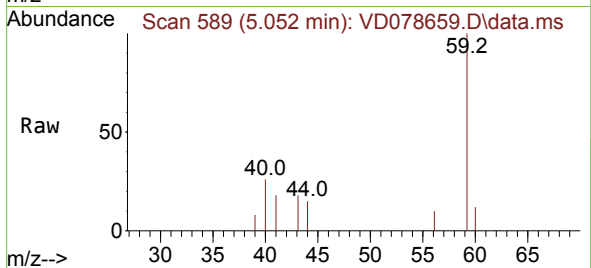
VSTDICC020

Tgt Ion: 59 Resp: 6273

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 21.687 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.006 min

Lab File: VD078659.D

Acq: 14 Mar 2024 10:55

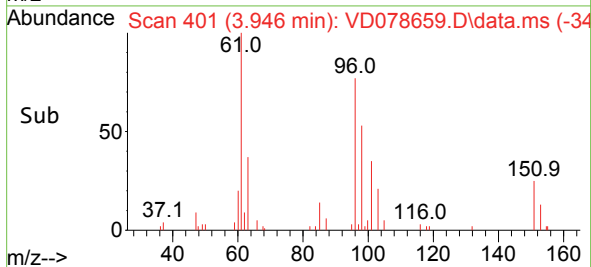
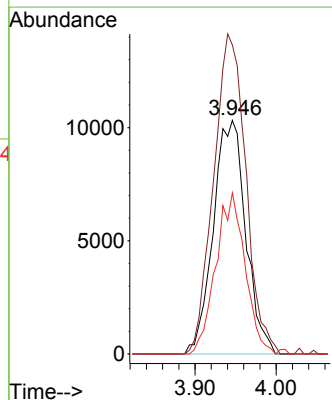
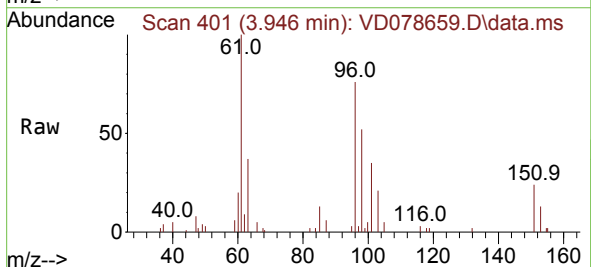
Tgt Ion: 96 Resp: 28649

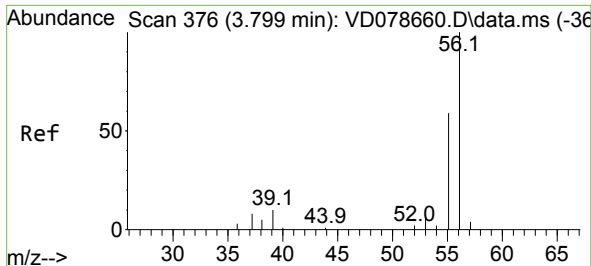
Ion Ratio Lower Upper

96 100

61 132.2 101.4 152.0

98 69.0 43.4 65.0#

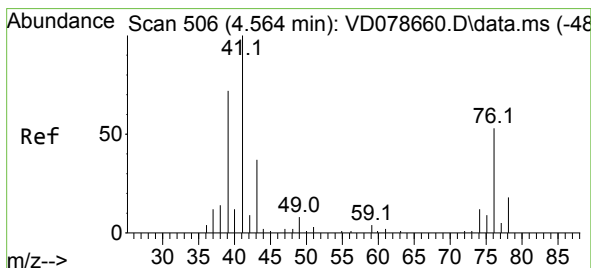
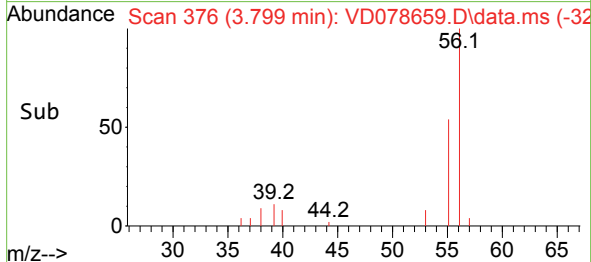
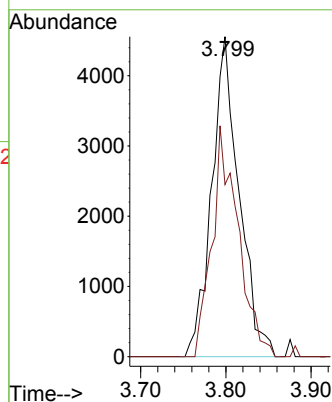
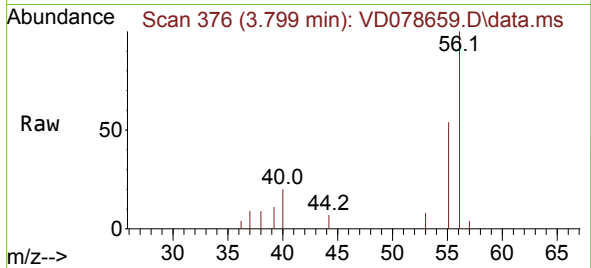




#13
Acrolein
Concen: 120.060 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

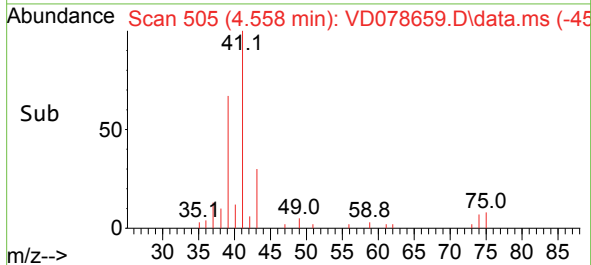
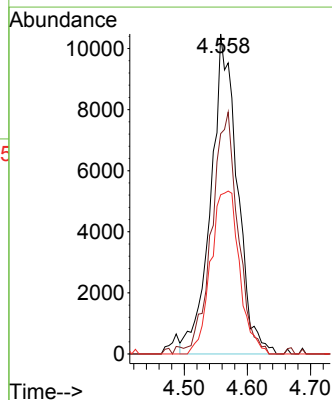
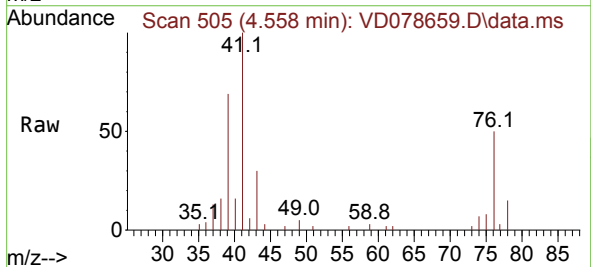
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

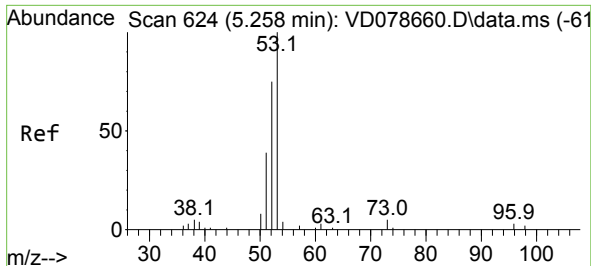
Tgt Ion: 56 Resp: 10184
Ion Ratio Lower Upper
56 100
55 68.9 54.9 82.3



#14
Allyl chloride
Concen: 20.739 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion: 41 Resp: 30569
Ion Ratio Lower Upper
41 100
39 74.3 57.8 86.6
76 55.0 44.8 67.2

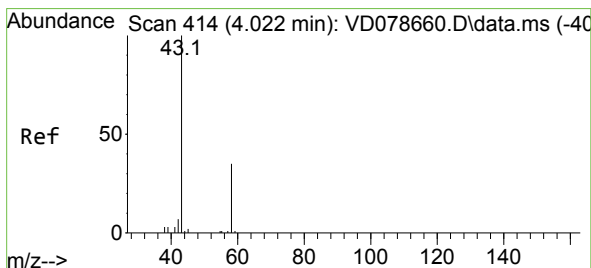
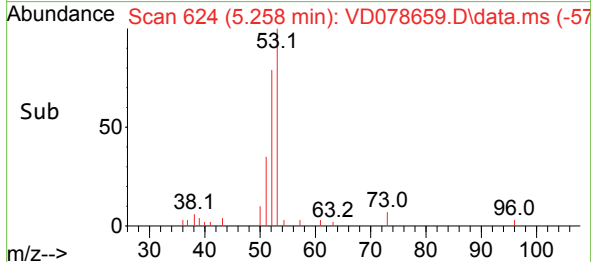
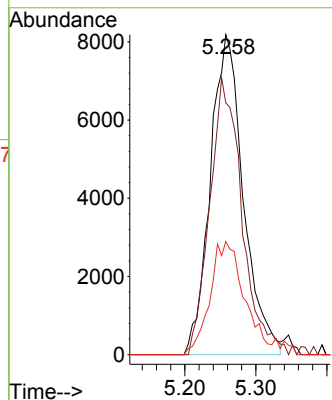
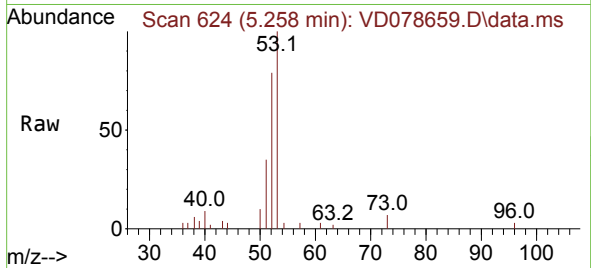




#15
Acrylonitrile
Concen: 101.426 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

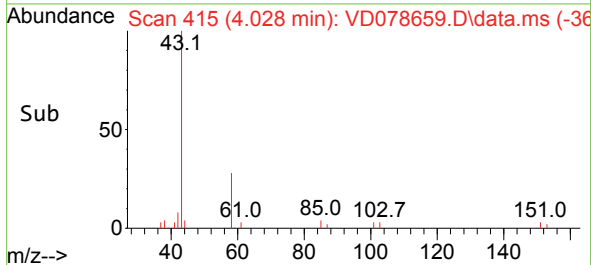
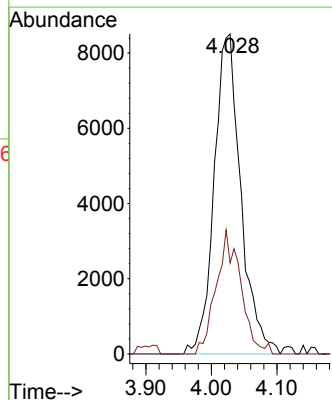
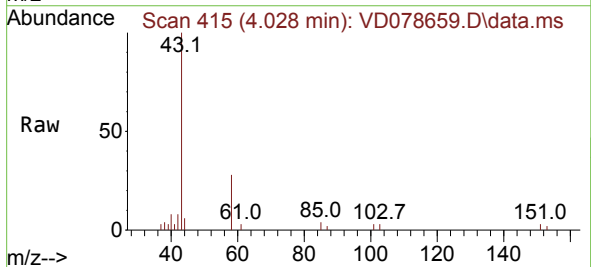
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

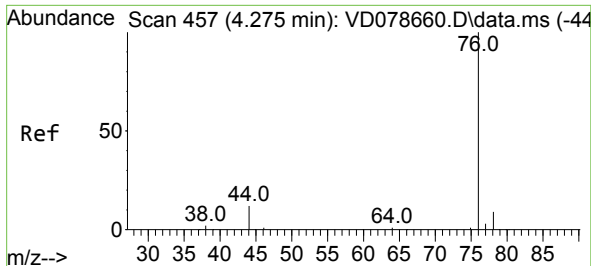
Tgt Ion:	53	Resp:	26433
Ion	Ratio	Lower	Upper
53	100		
52	84.1	61.9	92.9
51	36.8	29.0	43.4



#16
Acetone
Concen: 102.515 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion:	43	Resp:	23986
Ion	Ratio	Lower	Upper
43	100		
58	28.4	28.2	42.4

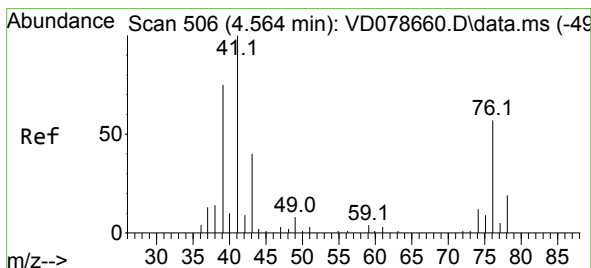
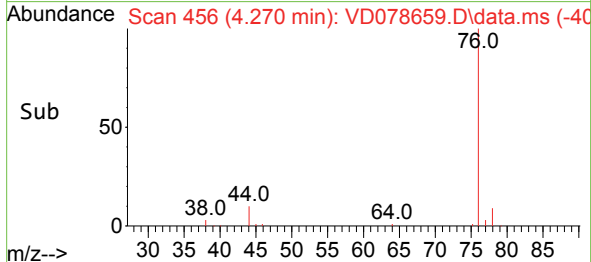
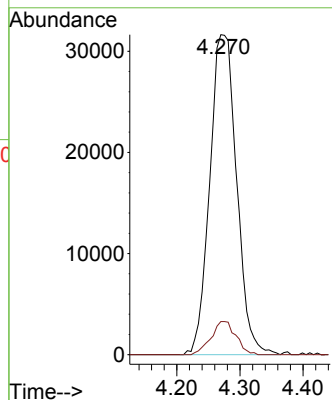
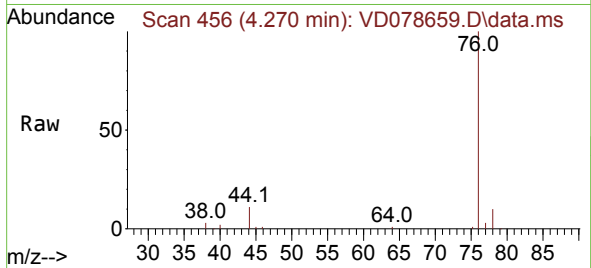




#17
Carbon Disulfide
Concen: 21.591 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

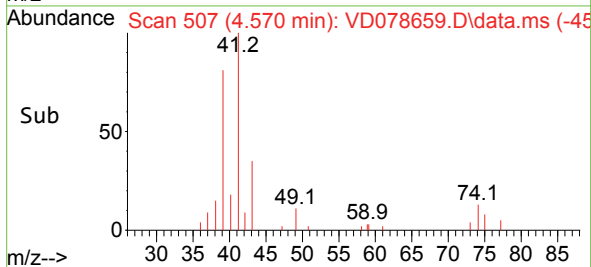
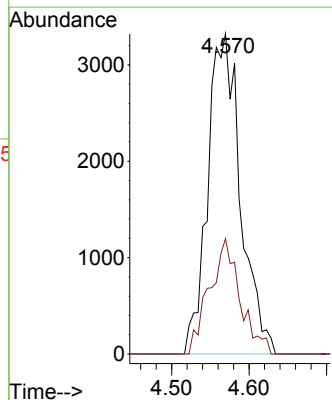
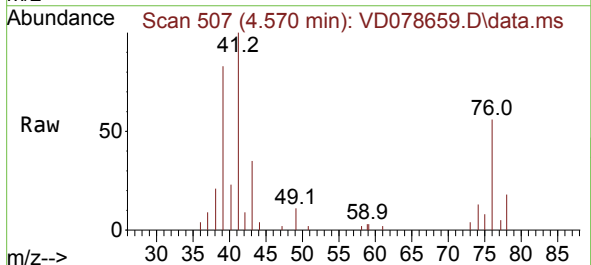
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

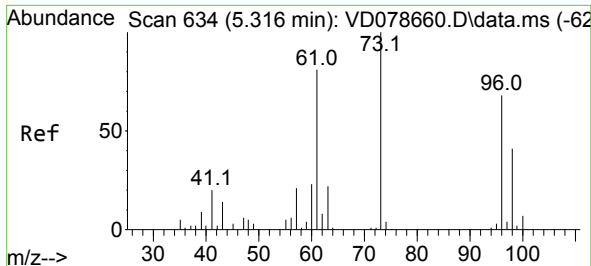
Tgt Ion: 76 Resp: 93503
Ion Ratio Lower Upper
76 100
78 10.4 7.3 10.9



#18
Methyl Acetate
Concen: 19.465 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion: 43 Resp: 9774
Ion Ratio Lower Upper
43 100
74 33.7 25.3 37.9

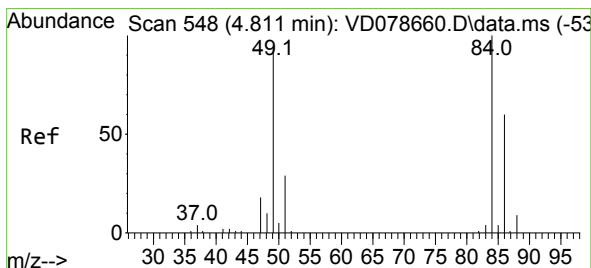
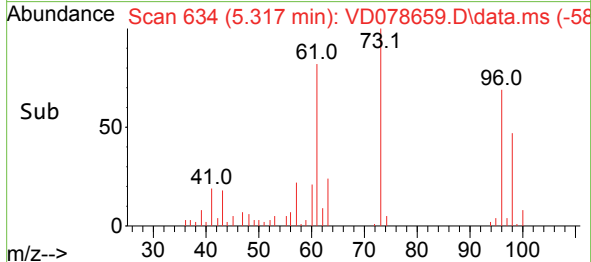
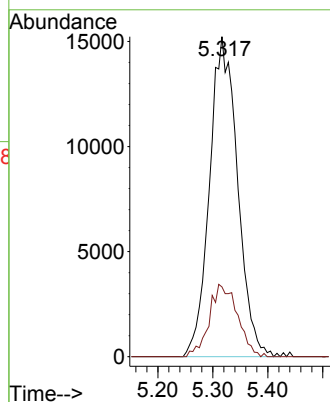
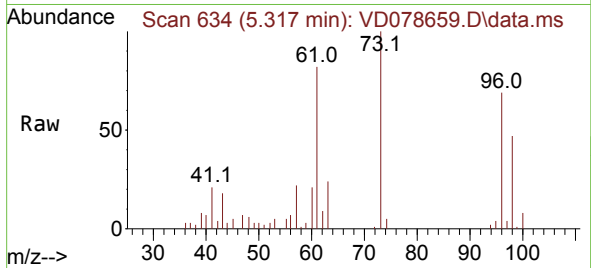




#19
Methyl tert-butyl Ether
Concen: 20.245 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

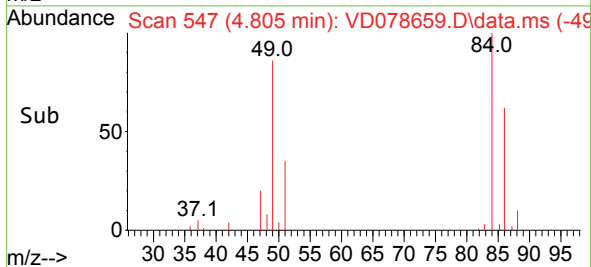
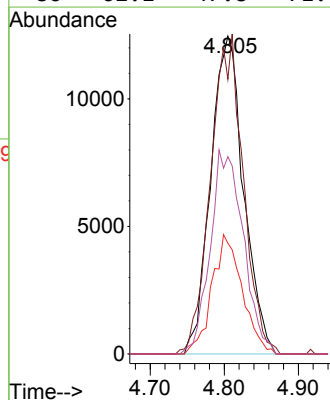
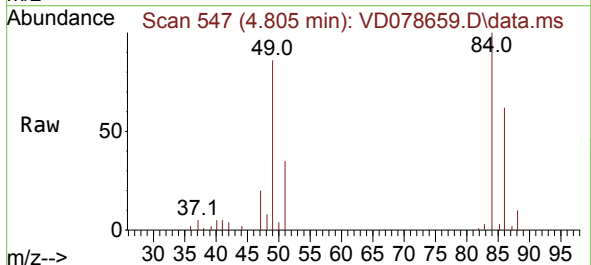
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

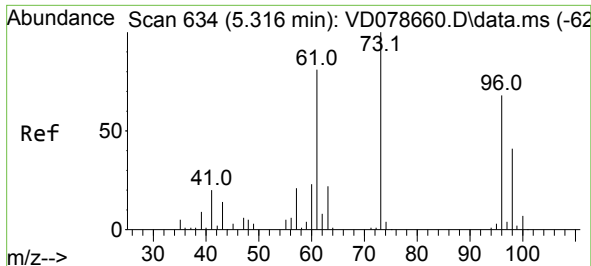
Tgt Ion: 73 Resp: 53934
Ion Ratio Lower Upper
73 100
57 21.8 16.4 24.6



#20
Methylene Chloride
Concen: 21.273 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

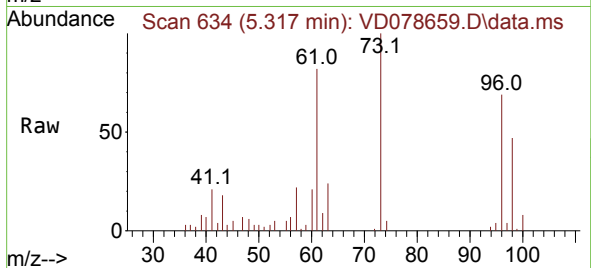
Tgt Ion: 84 Resp: 38398
Ion Ratio Lower Upper
84 100
49 86.4 75.6 113.4
51 34.8 23.4 35.0
86 62.1 47.8 71.6



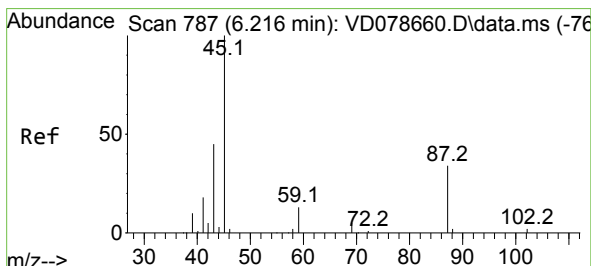
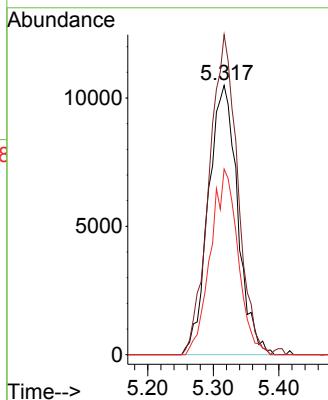
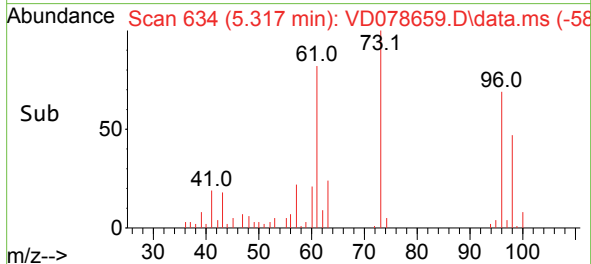


#21
trans-1,2-Dichloroethene
Concen: 20.897 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

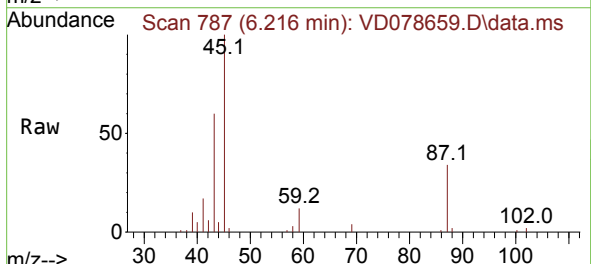
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



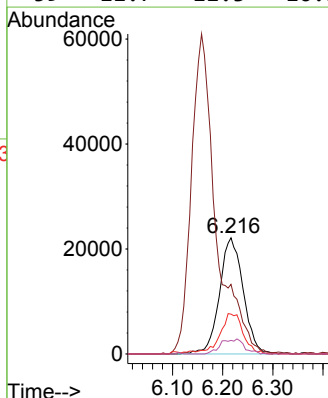
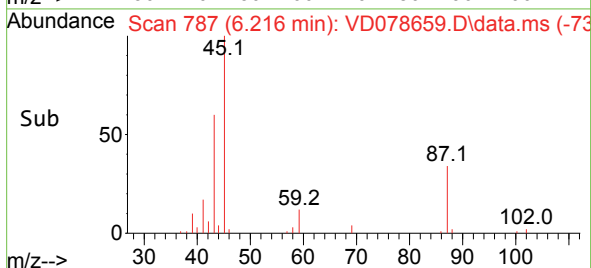
Tgt Ion: 96	Resp: 32573
Ion Ratio	Lower Upper
96 100	
61 118.8	96.1 144.1
98 68.9	48.9 73.3

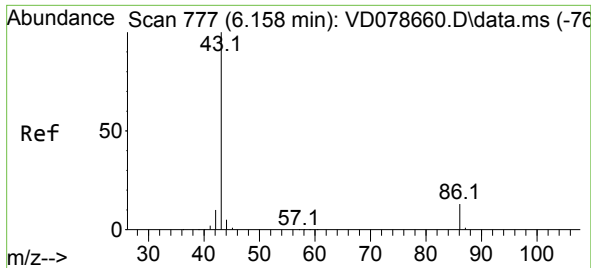


#22
Diisopropyl ether
Concen: 21.679 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55



Tgt	Ion: 45	Resp:	72651
Ion	Ratio	Lower	Upper
45	100		
43	58.2	44.3	66.5
87	34.3	28.3	42.5
59	11.7	11.3	16.9

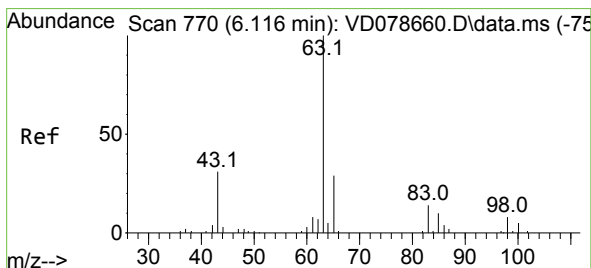
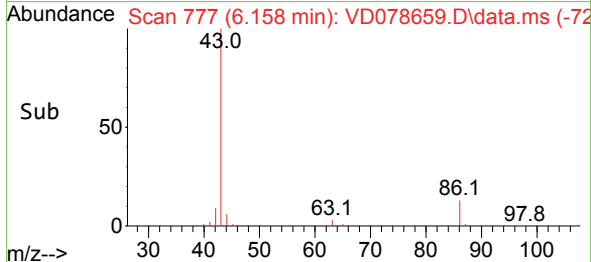
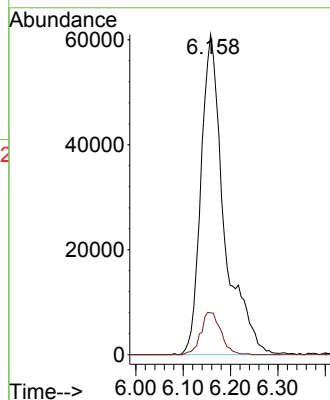
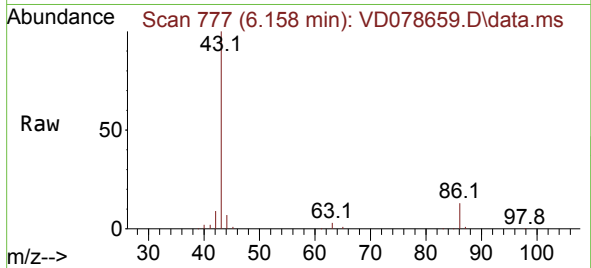




#23
 Vinyl Acetate
 Concen: 105.928 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078659.D
 Acq: 14 Mar 2024 10:55

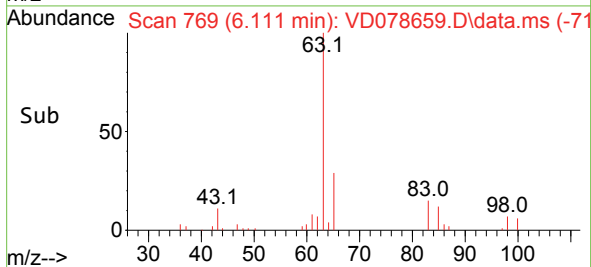
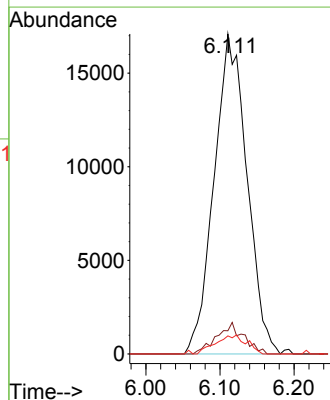
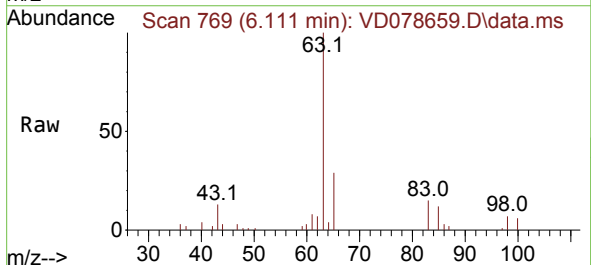
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

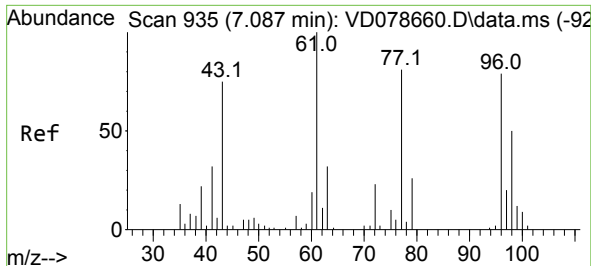
Tgt Ion: 43 Resp: 207650
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 20.965 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078659.D
 Acq: 14 Mar 2024 10:55

Tgt Ion: 63 Resp: 52677
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.0 11.9
 100 5.7 2.7 8.1

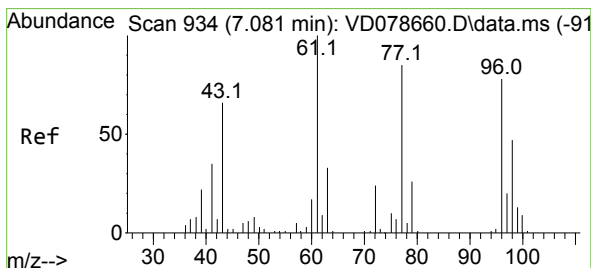
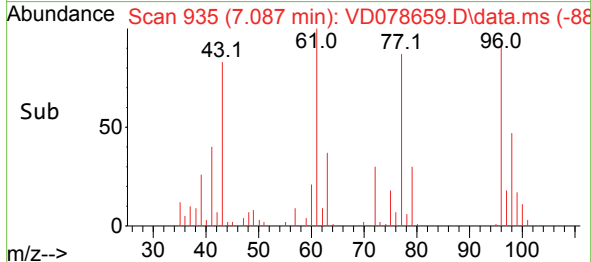
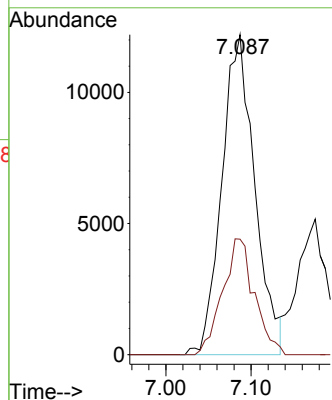
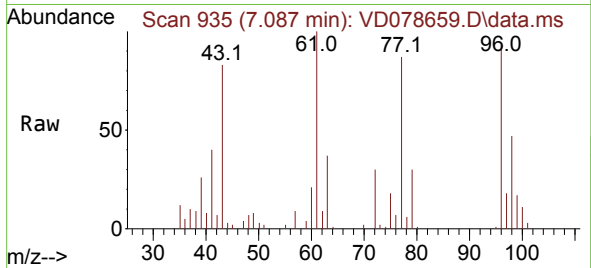




#25
2-Butanone
Concen: 105.335 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

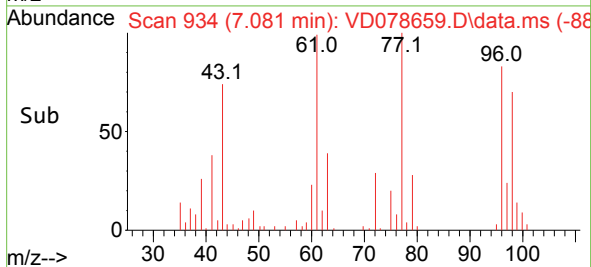
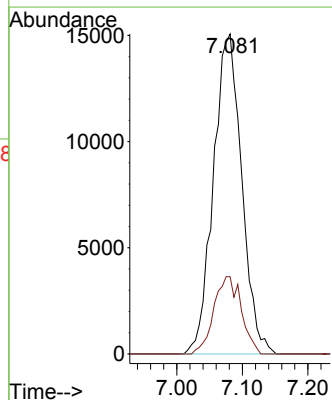
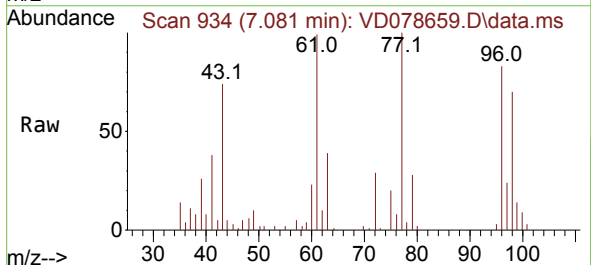
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

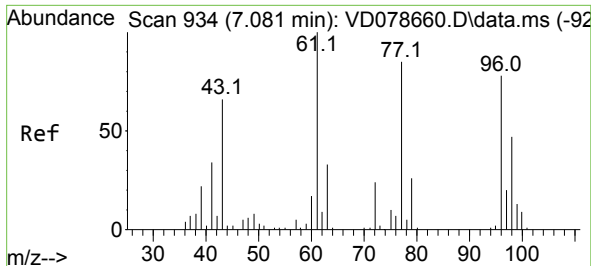
Tgt Ion: 43 Resp: 32767
Ion Ratio Lower Upper
43 100
72 36.1 25.0 37.6



#26
2,2-Dichloropropane
Concen: 21.243 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion: 77 Resp: 45158
Ion Ratio Lower Upper
77 100
97 23.4 12.4 37.0

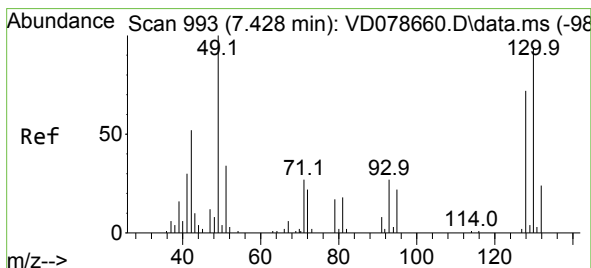
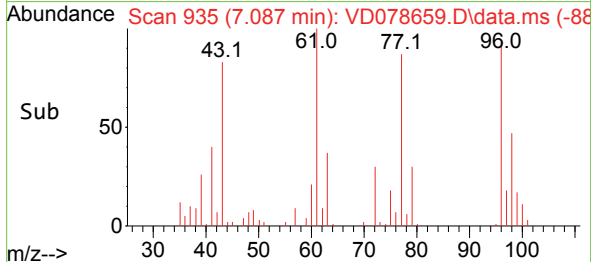
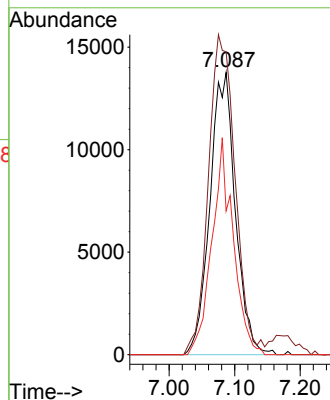
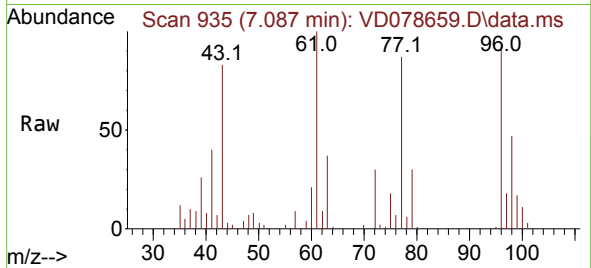




#27
 cis-1,2-Dichloroethene
 Concen: 20.902 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078659.D
 Acq: 14 Mar 2024 10:55

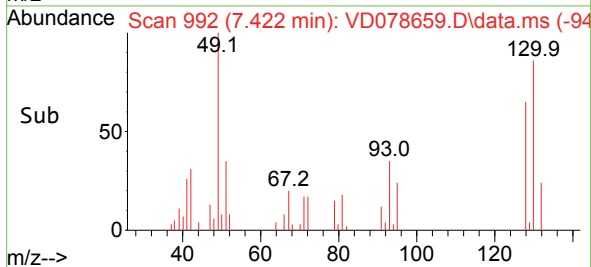
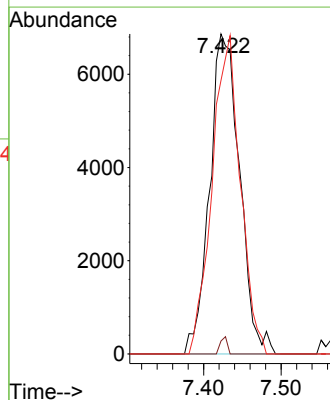
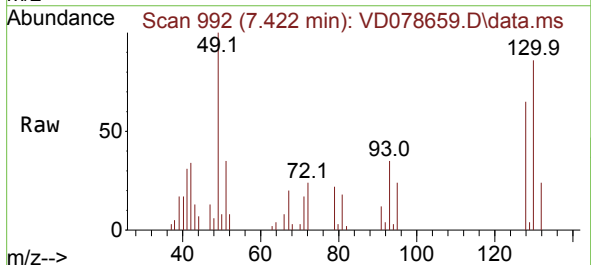
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

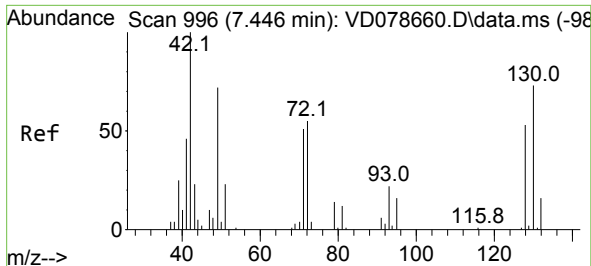
Tgt Ion: 96 Resp: 37160
 Ion Ratio Lower Upper
 96 100
 61 119.1 0.0 245.0
 98 64.3 0.0 126.6



#28
 Bromochloromethane
 Concen: 20.637 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078659.D
 Acq: 14 Mar 2024 10:55

Tgt Ion: 49 Resp: 18486
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 6.2
 130 93.5 77.1 115.7

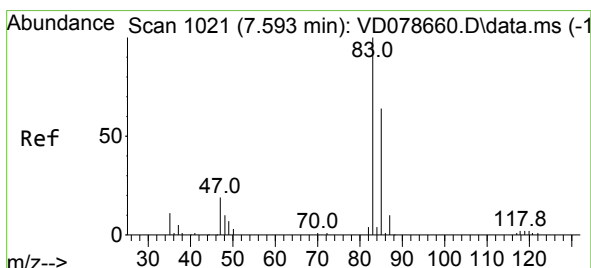
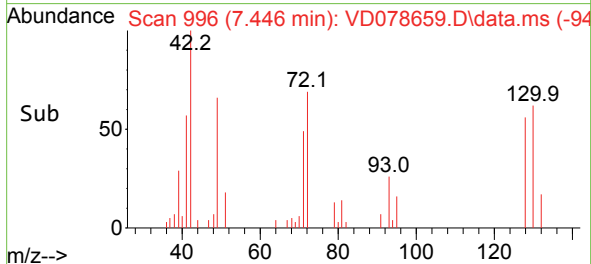
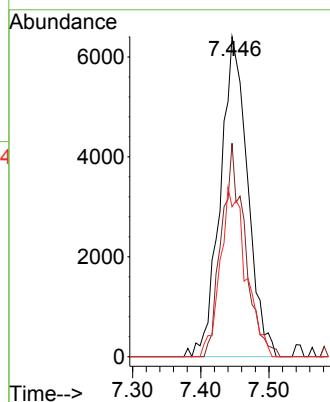
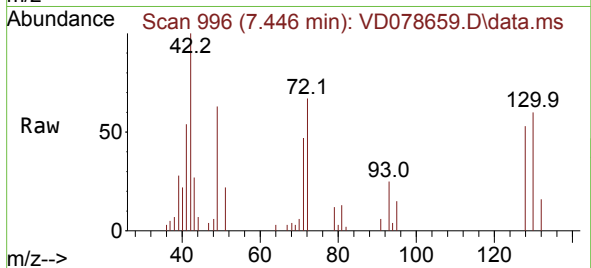




#29
Tetrahydrofuran
Concen: 105.689 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

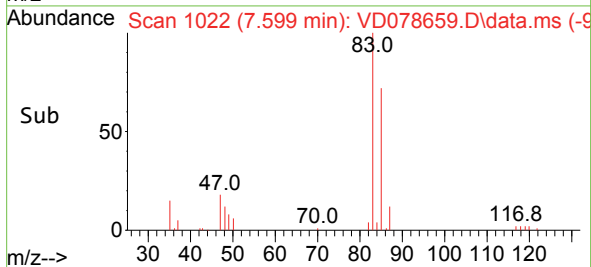
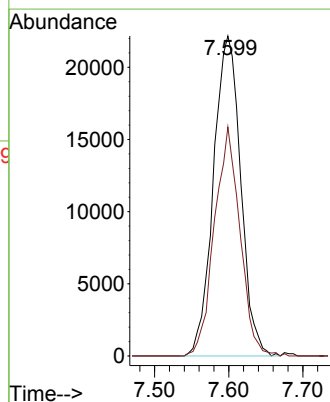
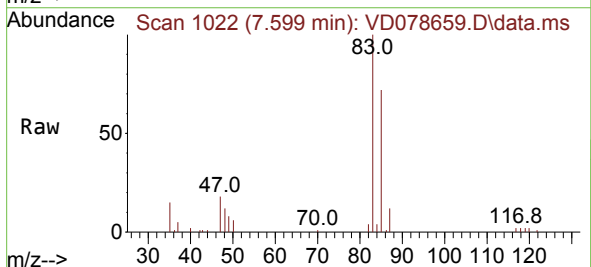
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

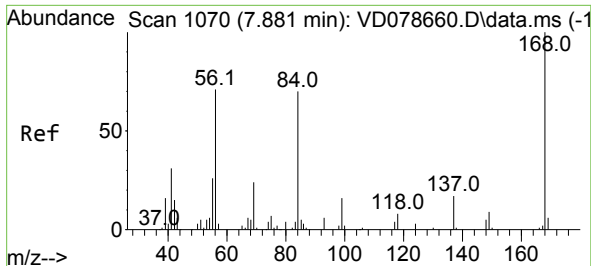
Tgt Ion: 42 Resp: 17882
Ion Ratio Lower Upper
42 100
72 57.0 43.8 65.6
71 49.9 42.0 63.0



#30
Chloroform
Concen: 20.201 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion: 83 Resp: 56592
Ion Ratio Lower Upper
83 100
85 71.5 51.2 76.8

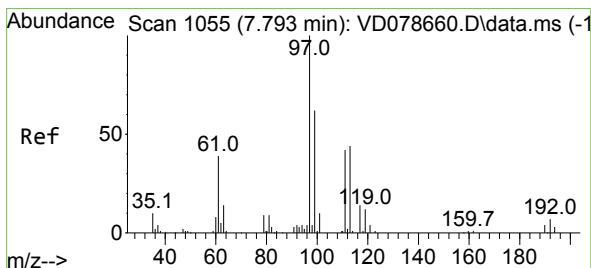
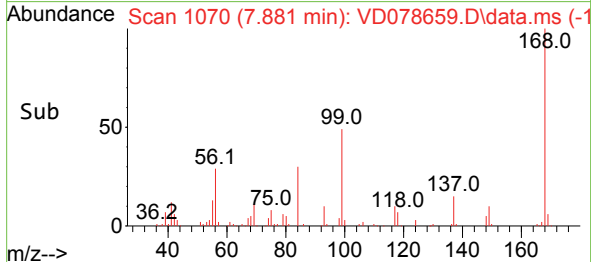
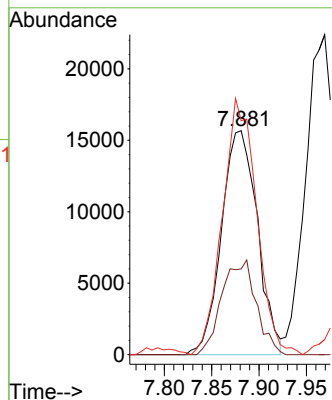
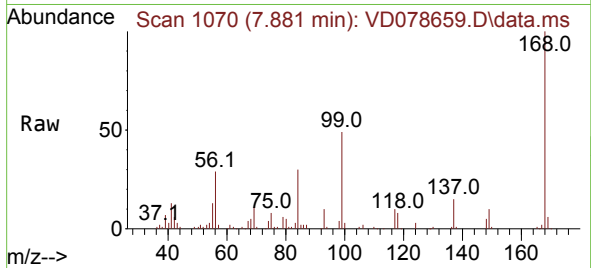




#31
Cyclohexane
Concen: 20.361 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

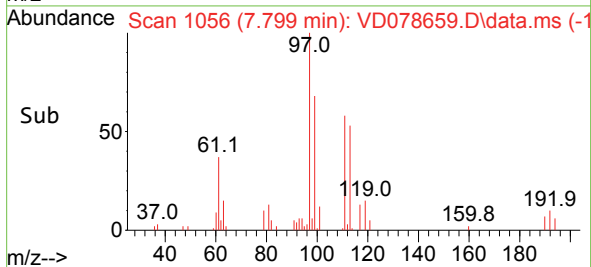
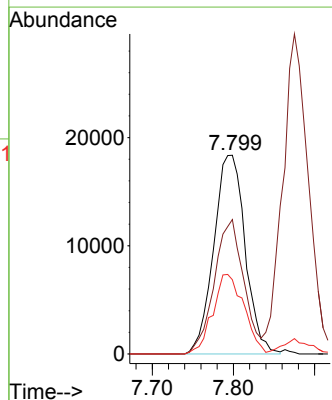
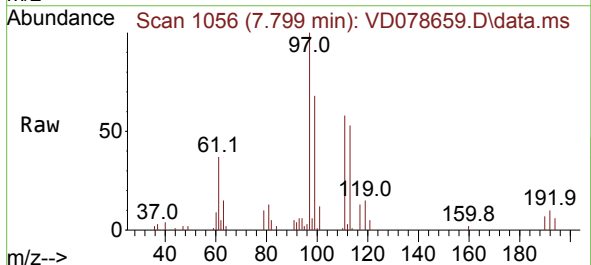
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

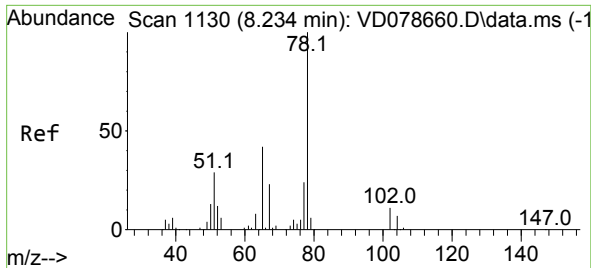
Tgt Ion: 56 Resp: 41408
Ion Ratio Lower Upper
56 100
69 38.3 26.6 40.0
84 103.2 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 20.775 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion: 97 Resp: 49380
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 39.8 33.0 49.6

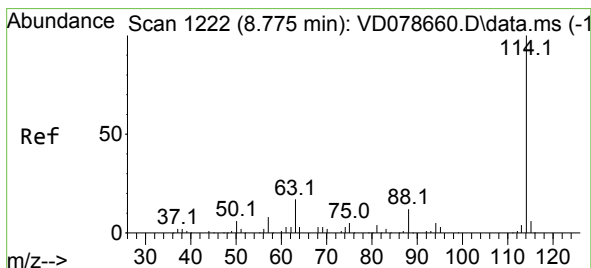
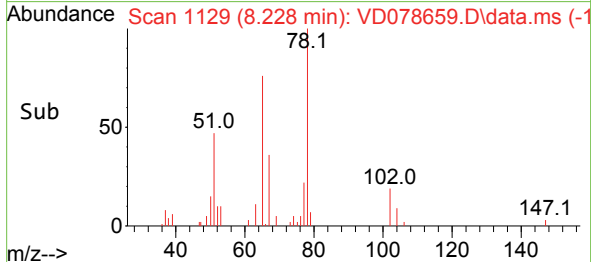
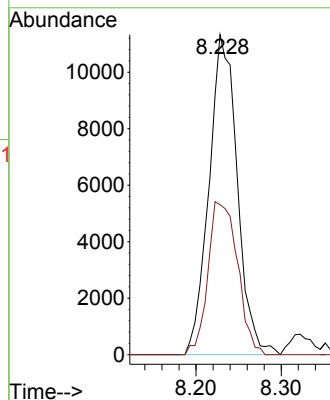
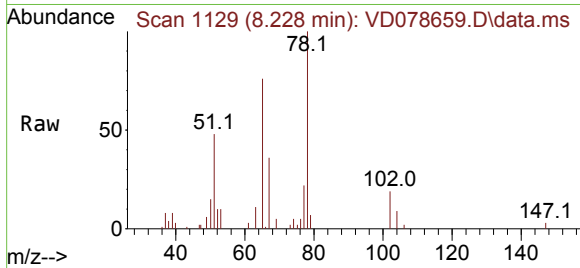




#33
1,2-Dichloroethane-d4
Concen: 21.582 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

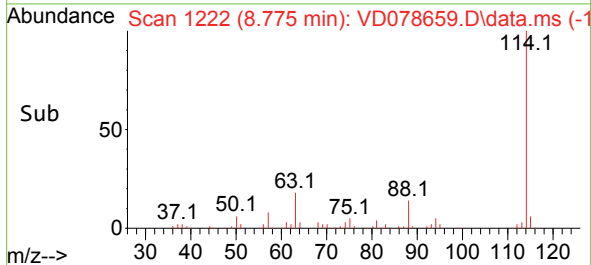
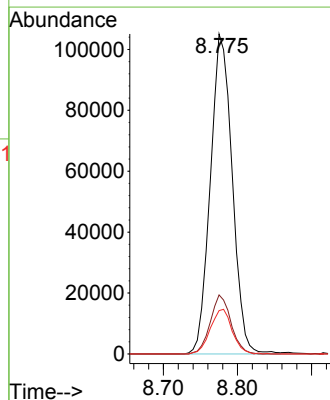
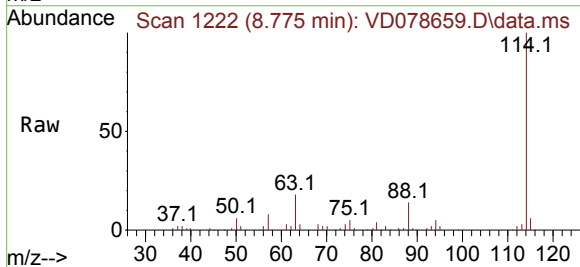
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

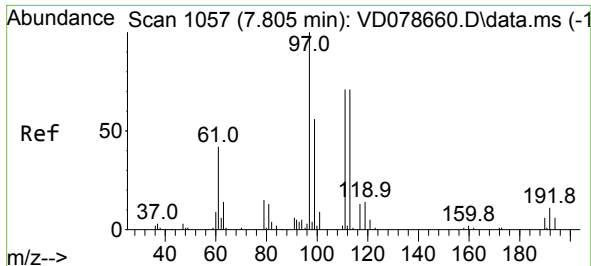
Tgt Ion: 65 Resp: 26113
Ion Ratio Lower Upper
65 100
67 50.0 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

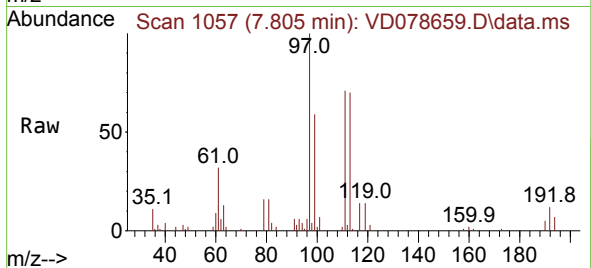
Tgt Ion: 114 Resp: 215460
Ion Ratio Lower Upper
114 100
63 18.4 0.0 33.4
88 13.6 0.0 24.6



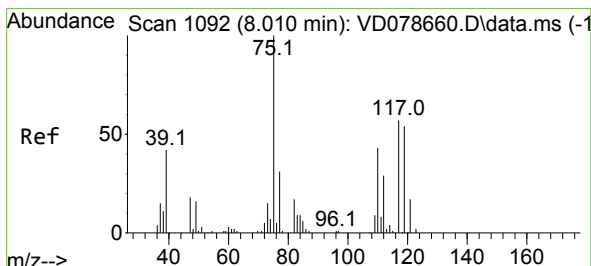
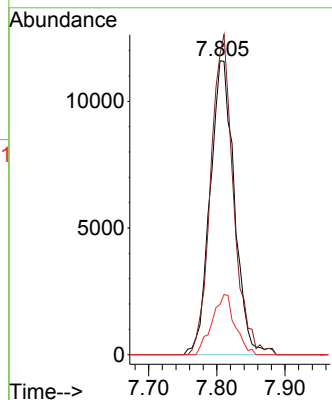
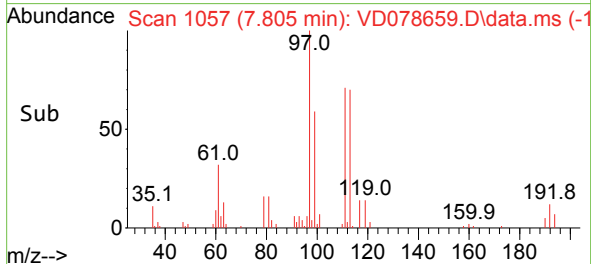


#35
Dibromofluoromethane
Concen: 20.738 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

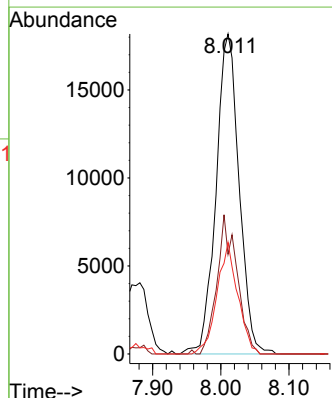
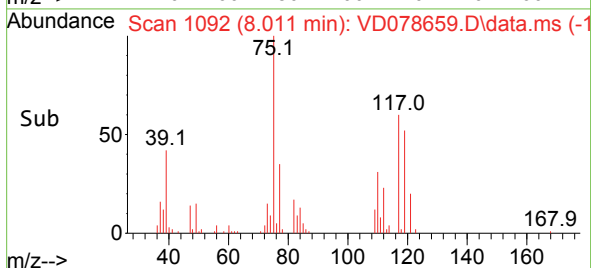
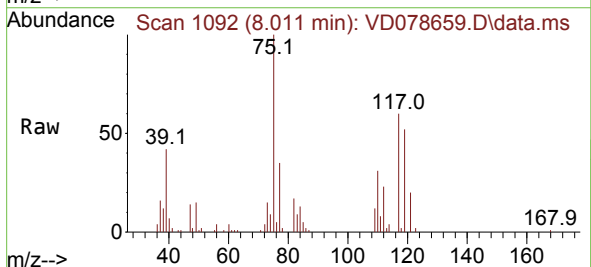


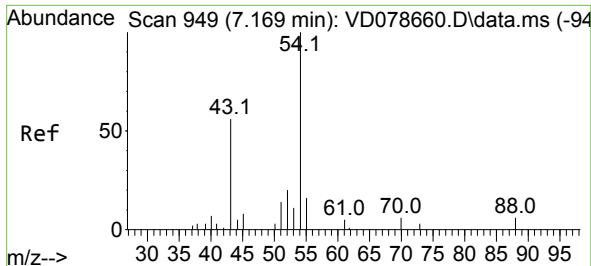
Tgt Ion:113 Resp: 28769
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 19.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 21.306 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion: 75 Resp: 42885
Ion Ratio Lower Upper
75 100
110 37.8 19.1 57.1
77 31.4 25.4 38.2

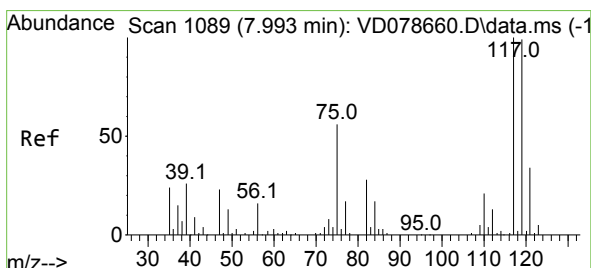
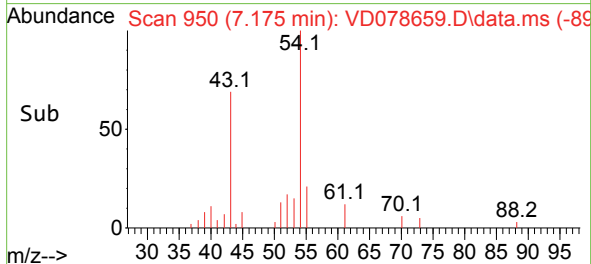
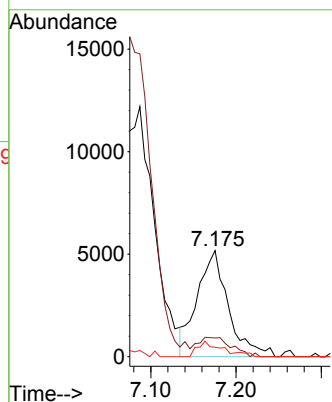
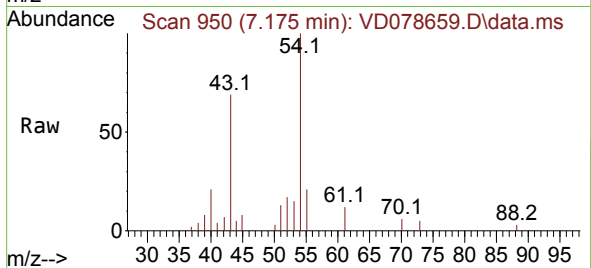




#37
Ethyl Acetate
Concen: 19.992 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

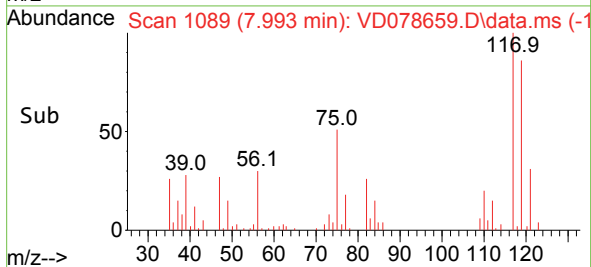
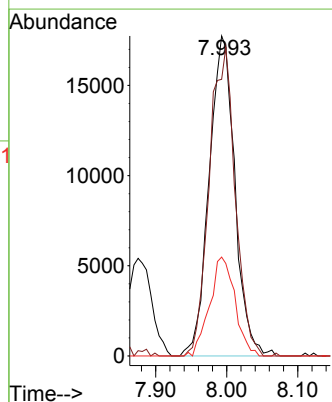
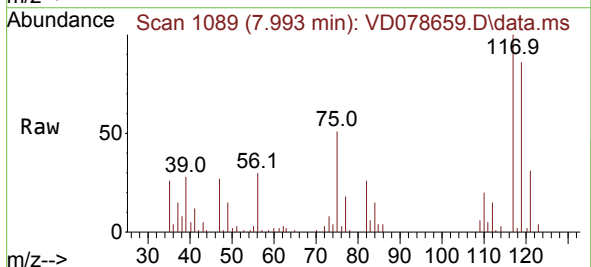
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

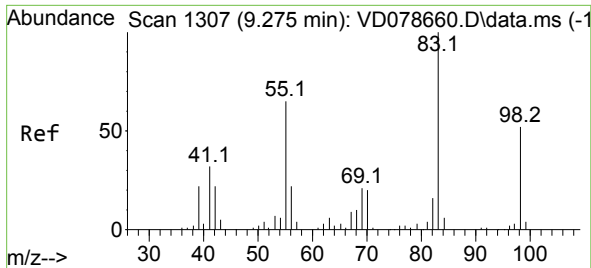
Tgt Ion: 43 Resp: 13146
Ion Ratio Lower Upper
43 100
61 19.9 14.6 21.8
70 10.3 9.4 14.0



#38
Carbon Tetrachloride
Concen: 20.999 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion: 117 Resp: 44558
Ion Ratio Lower Upper
117 100
119 86.4 79.2 118.8
121 30.9 26.8 40.2





#39

Methylcyclohexane

Concen: 20.509 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078659.D

Acq: 14 Mar 2024 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

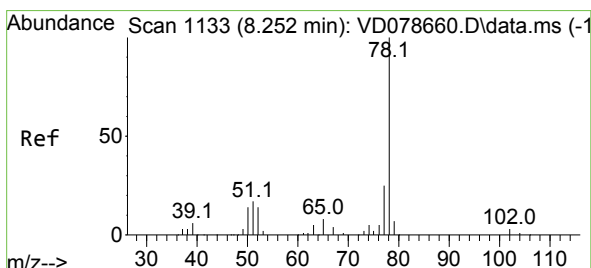
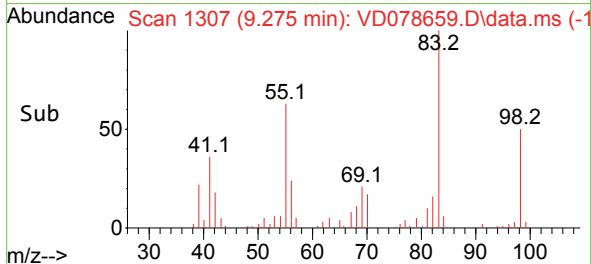
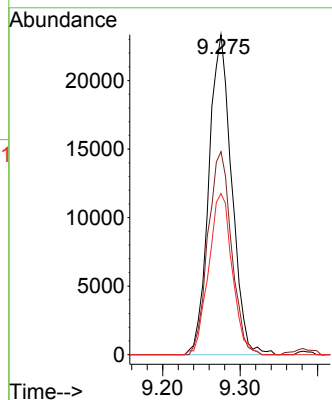
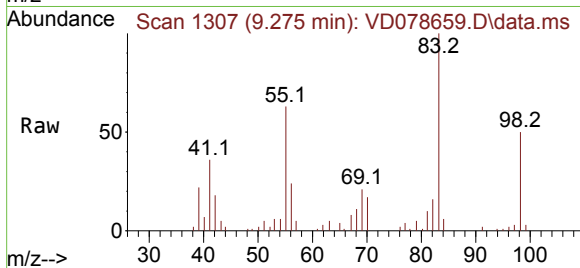
Tgt Ion: 83 Resp: 47887

Ion Ratio Lower Upper

83 100

55 63.5 51.7 77.5

98 50.3 41.4 62.0



#40

Benzene

Concen: 20.964 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078659.D

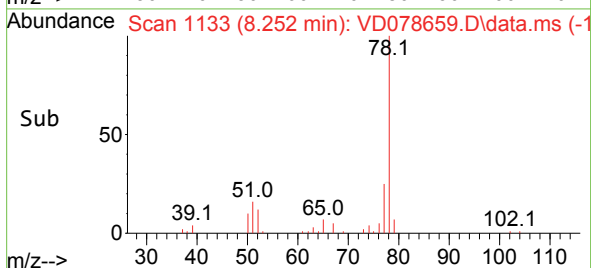
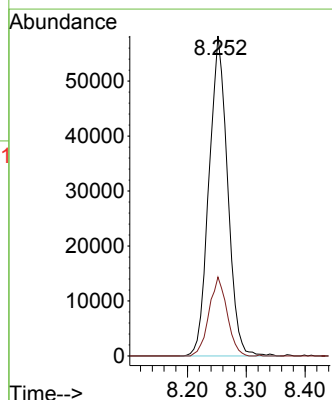
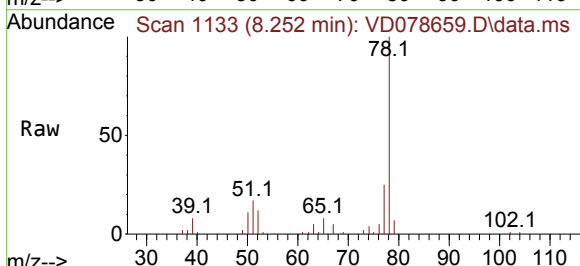
Acq: 14 Mar 2024 10:55

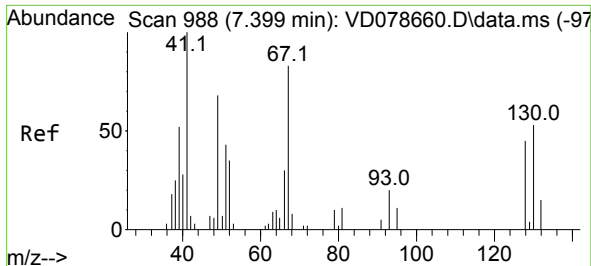
Tgt Ion: 78 Resp: 127552

Ion Ratio Lower Upper

78 100

77 24.6 20.4 30.6

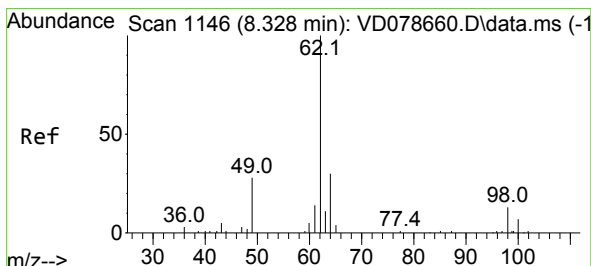
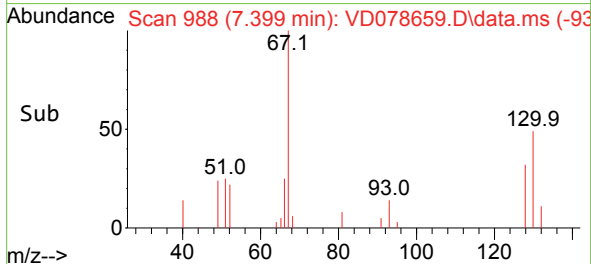
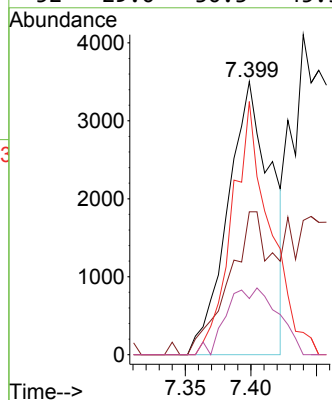
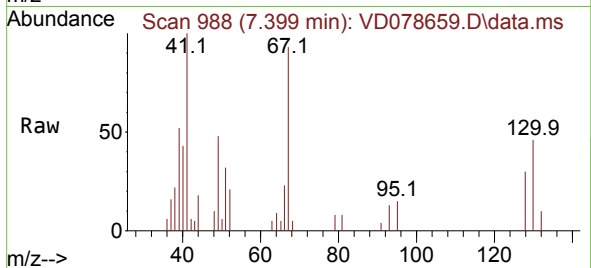




#41
Methacrylonitrile
Concen: 22.500 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

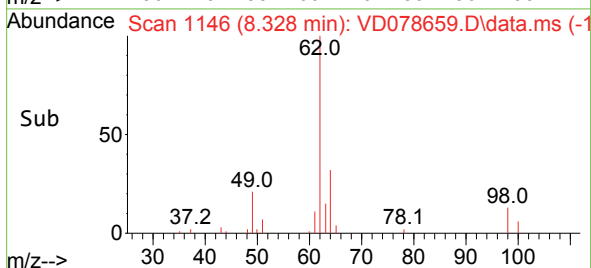
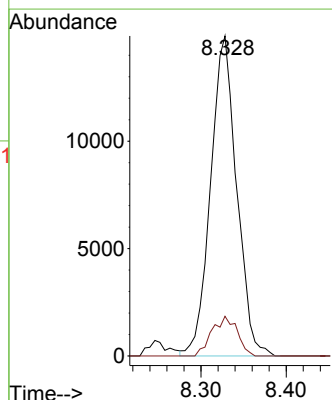
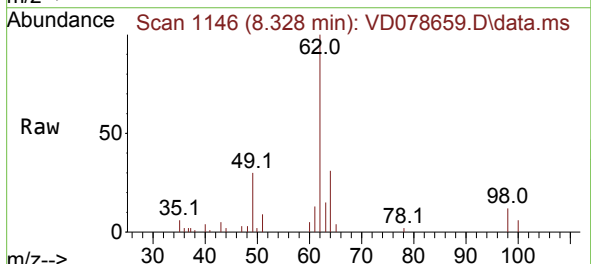
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

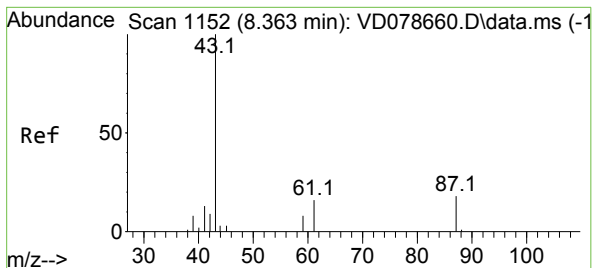
Tgt Ion: 41	Resp: 8058
Ion Ratio	Lower Upper
41	100
39	53.4 39.8 59.6
67	81.5 83.5 125.3#
52	29.0 30.3 45.5#



#42
1,2-Dichloroethane
Concen: 21.343 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion: 62	Resp: 31669
Ion Ratio	Lower Upper
62	100
98	12.0 0.0 23.8





#43

Isopropyl Acetate

Concen: 20.855 ug/l

RT: 8.358 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD078659.D

Acq: 14 Mar 2024 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

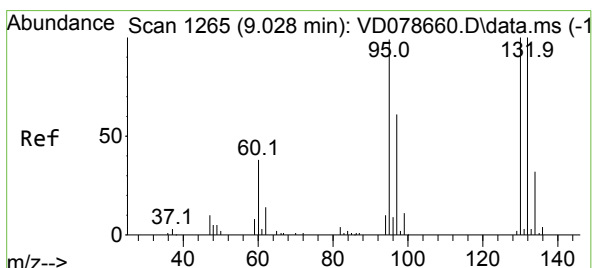
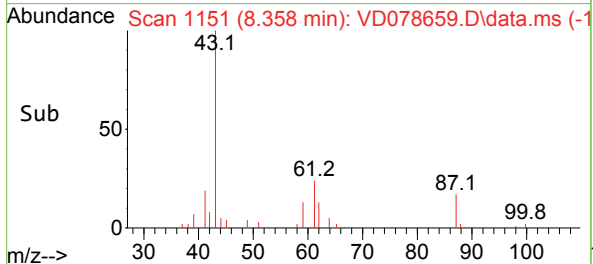
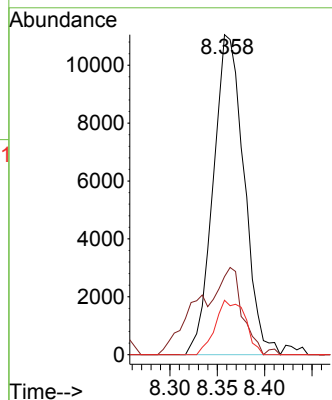
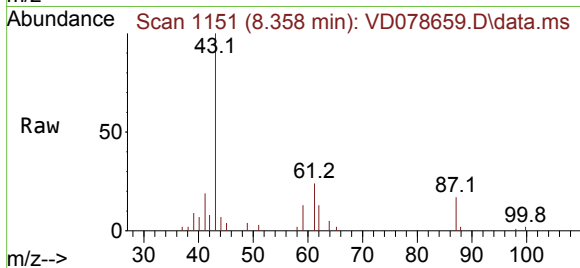
Tgt Ion: 43 Resp: 24939

Ion Ratio Lower Upper

43 100

61 23.5 30.1 45.1#

87 16.5 14.4 21.6



#44

Trichloroethene

Concen: 21.269 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD078659.D

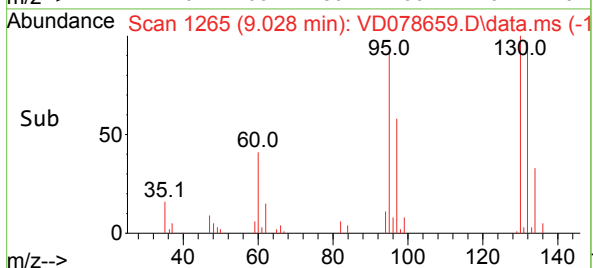
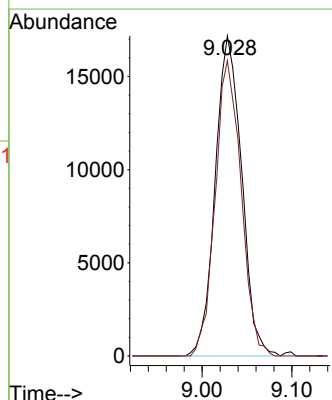
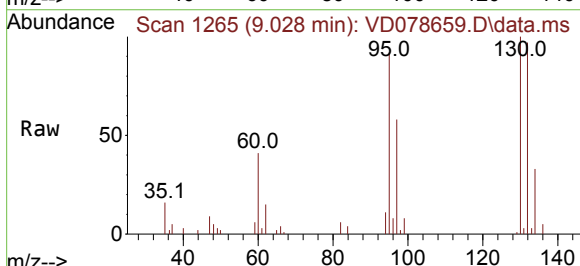
Acq: 14 Mar 2024 10:55

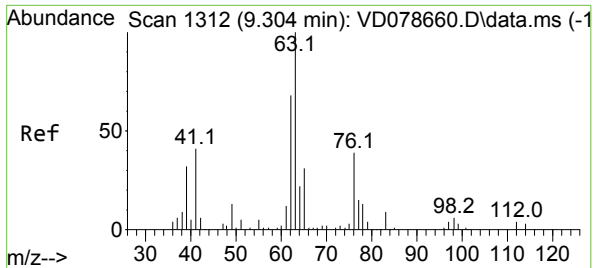
Tgt Ion:130 Resp: 35120

Ion Ratio Lower Upper

130 100

95 92.3 0.0 197.8





#45

1,2-Dichloropropane

Concen: 20.694 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078659.D

Acq: 14 Mar 2024 10:55

Instrument :

MSVOA_D

ClientSampleId :

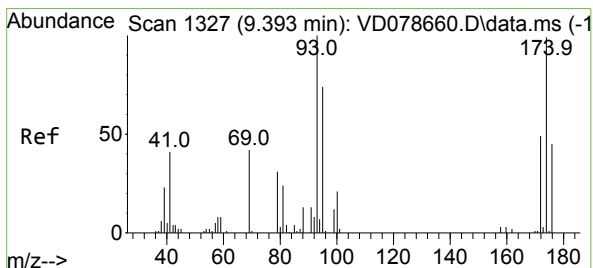
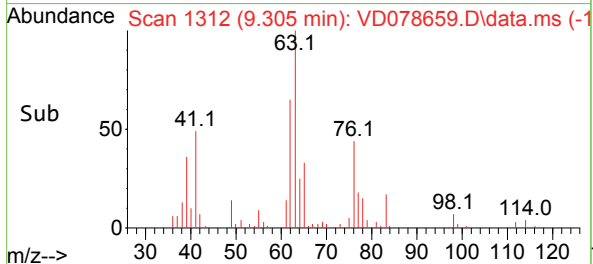
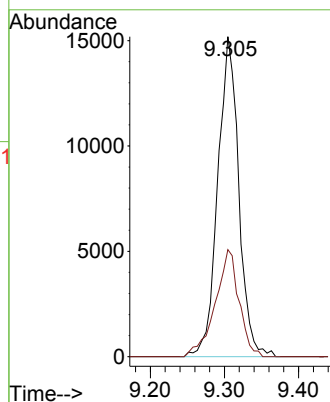
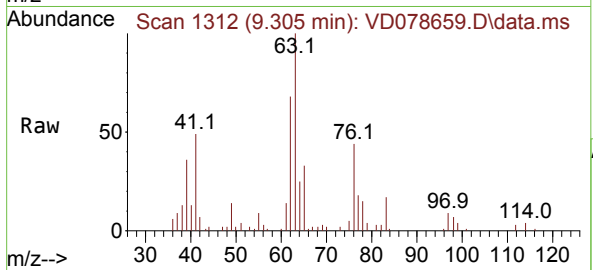
VSTDICC020

Tgt Ion: 63 Resp: 29868

Ion Ratio Lower Upper

63 100

65 33.4 24.8 37.2



#46

Dibromomethane

Concen: 20.224 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078659.D

Acq: 14 Mar 2024 10:55

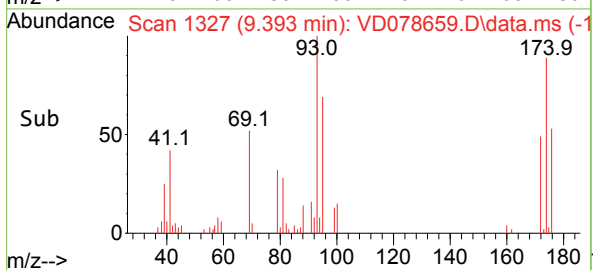
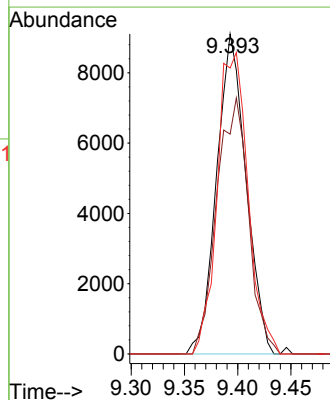
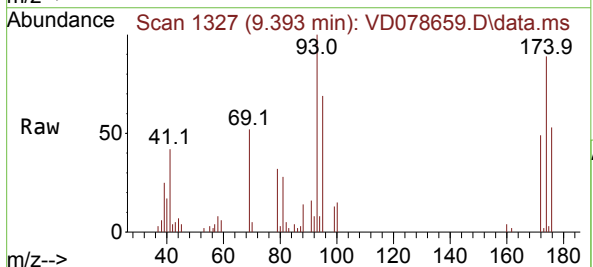
Tgt Ion: 93 Resp: 17498

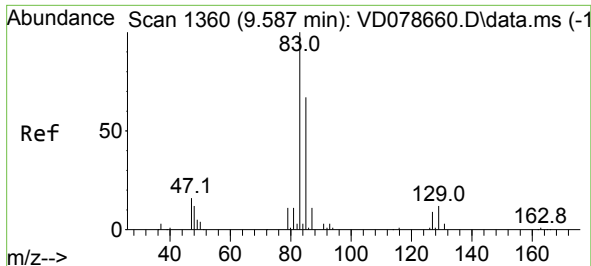
Ion Ratio Lower Upper

93 100

95 86.1 67.3 100.9

174 98.6 80.9 121.3

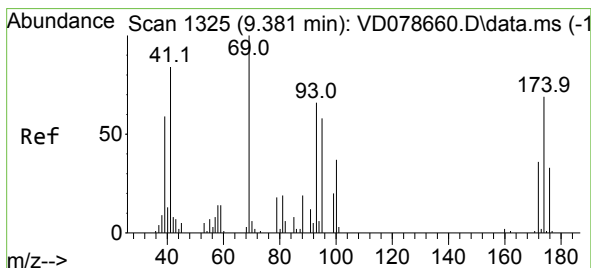
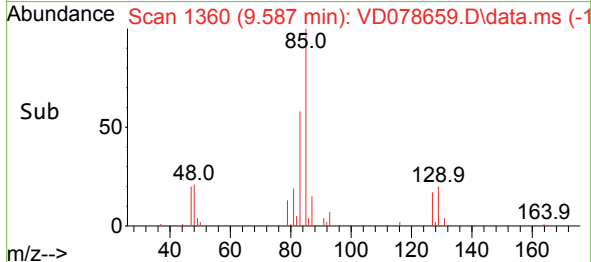
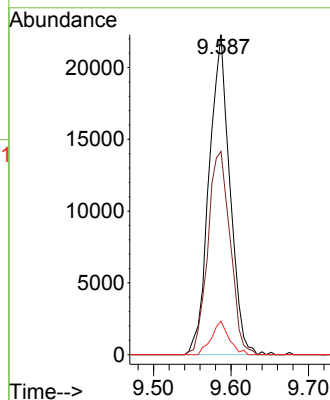
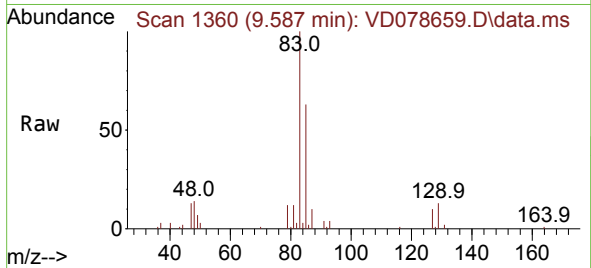




#47
Bromodichloromethane
Concen: 20.198 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

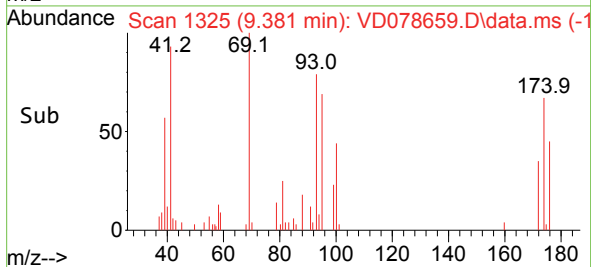
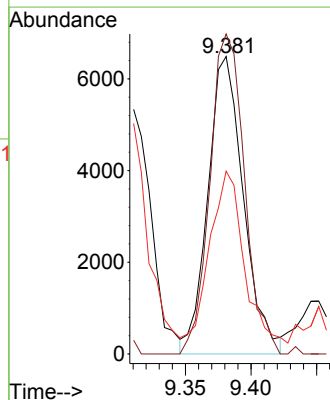
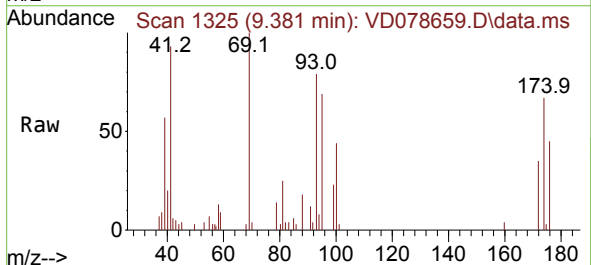
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

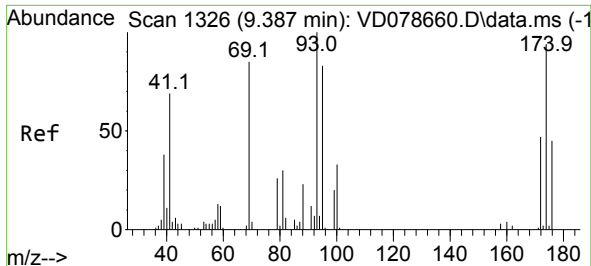
Tgt Ion:	83	Resp:	41601
Ion Ratio	Lower	Upper	
83	100		
85	63.5	54.0	81.0
127	10.5	7.1	10.7



#48
Methyl methacrylate
Concen: 21.015 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion:	41	Resp:	12245
Ion Ratio	Lower	Upper	
41	100		
69	104.6	88.3	132.5
39	55.0	46.6	69.8





#49

1,4-Dioxane

Concen: 413.186 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.000 min

Lab File: VD078659.D

Acq: 14 Mar 2024 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

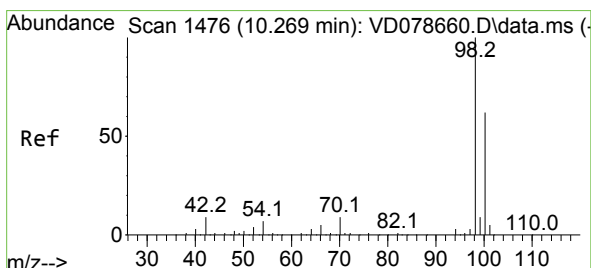
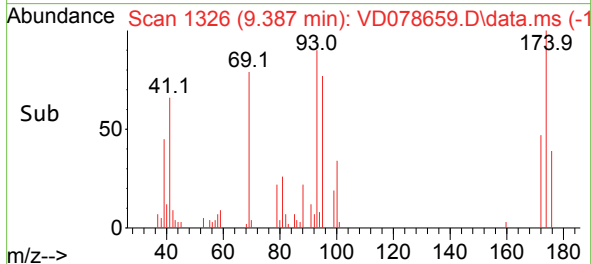
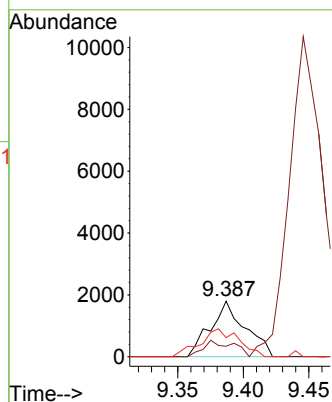
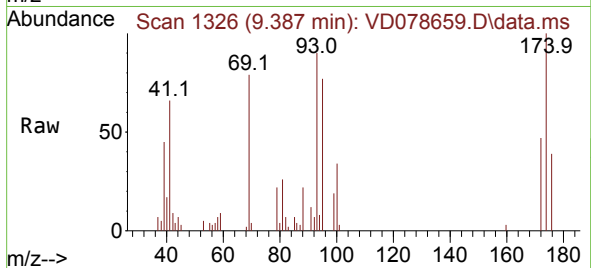
Tgt Ion: 88 Resp: 3310

Ion Ratio Lower Upper

88 100

43 25.2 23.2 34.8

58 55.5 51.0 76.6



#50

Toluene-d8

Concen: 20.812 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078659.D

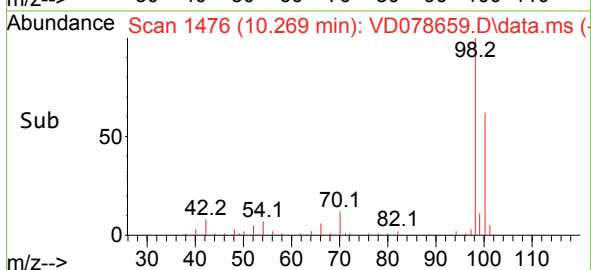
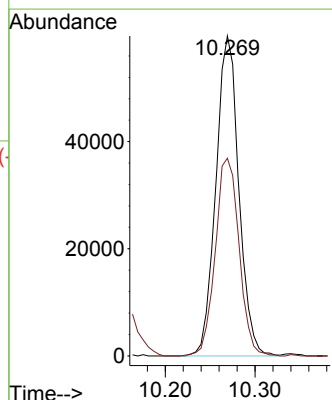
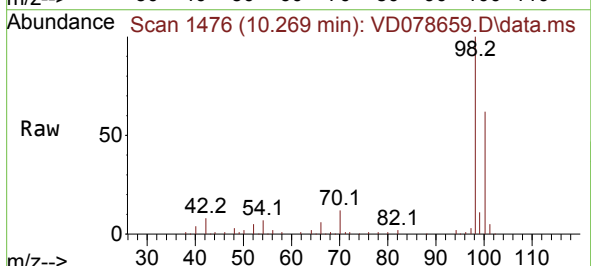
Acq: 14 Mar 2024 10:55

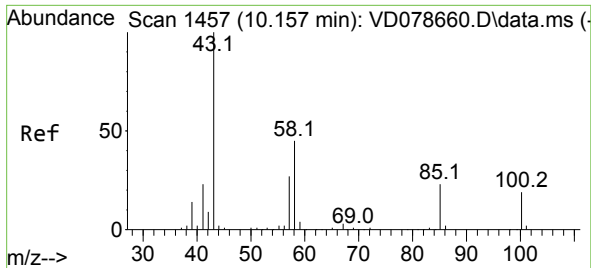
Tgt Ion: 98 Resp: 106179

Ion Ratio Lower Upper

98 100

100 63.9 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 103.140 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD078659.D

Acq: 14 Mar 2024 10:55

Instrument :

MSVOA_D

ClientSampleId :

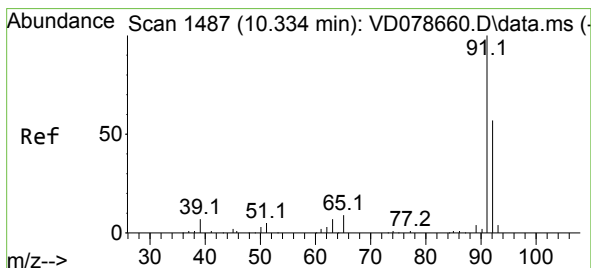
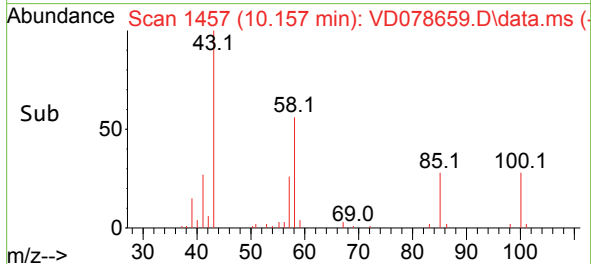
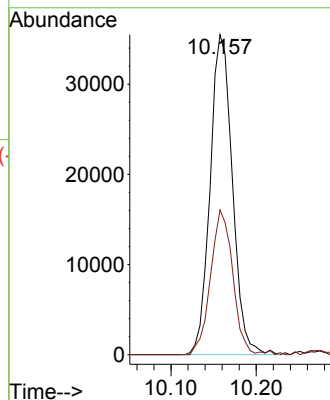
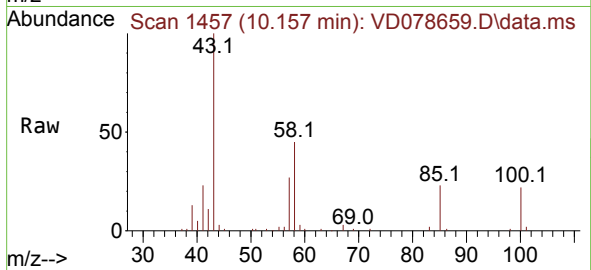
VSTDIC020

Tgt Ion: 43 Resp: 64480

Ion Ratio Lower Upper

43 100

58 44.7 36.4 54.6



#52

Toluene

Concen: 20.827 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD078659.D

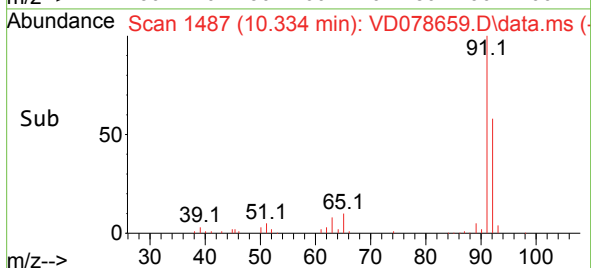
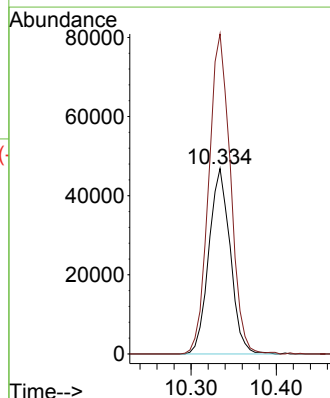
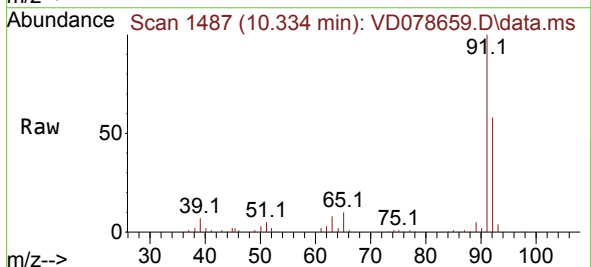
Acq: 14 Mar 2024 10:55

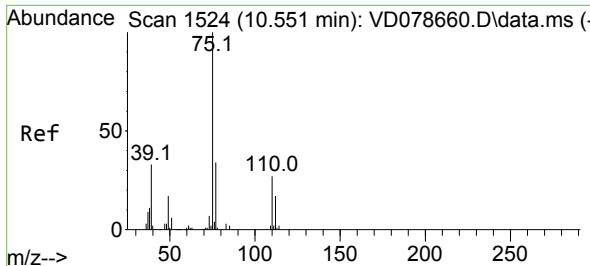
Tgt Ion: 92 Resp: 81585

Ion Ratio Lower Upper

92 100

91 175.8 136.6 205.0

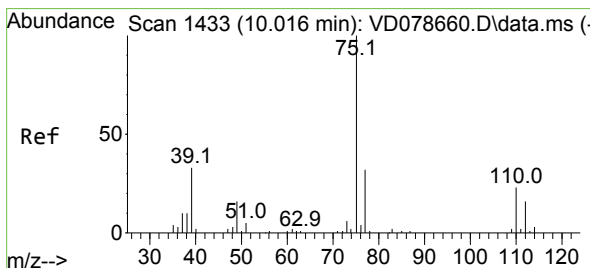
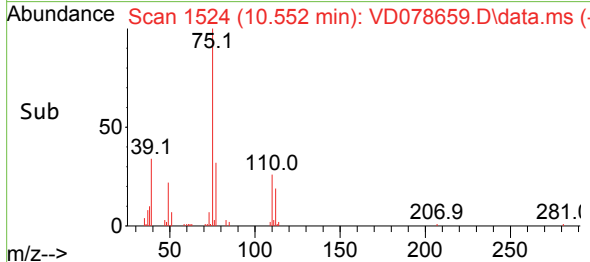
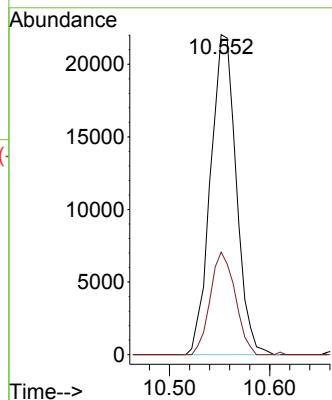
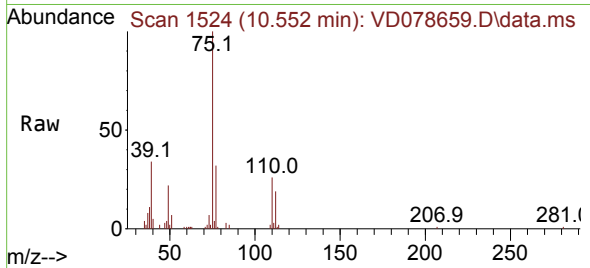




#53
t-1,3-Dichloropropene
Concen: 20.892 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

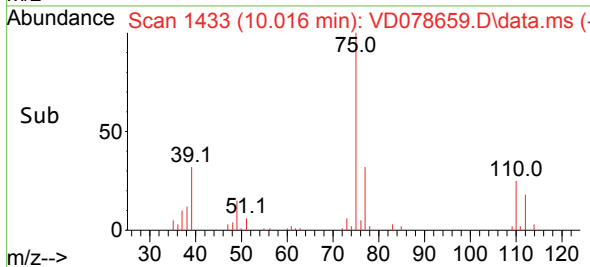
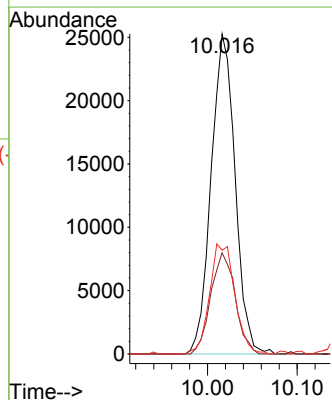
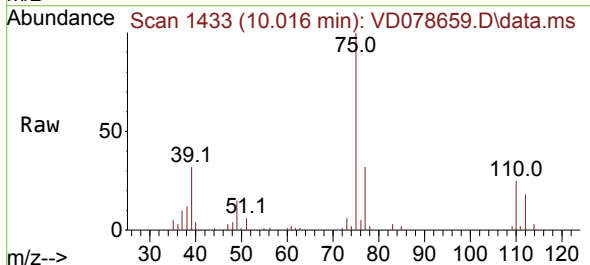
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

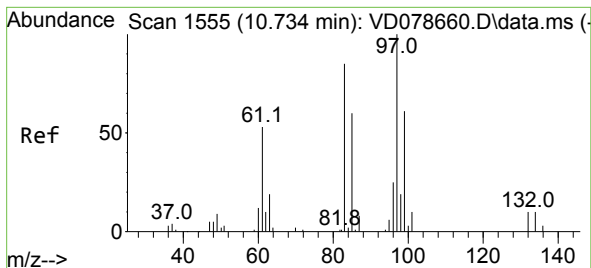
Tgt Ion: 75 Resp: 39344
Ion Ratio Lower Upper
75 100
77 32.1 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 20.699 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion: 75 Resp: 46861
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 32.4 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 20.585 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078659.D

Acq: 14 Mar 2024 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 23850

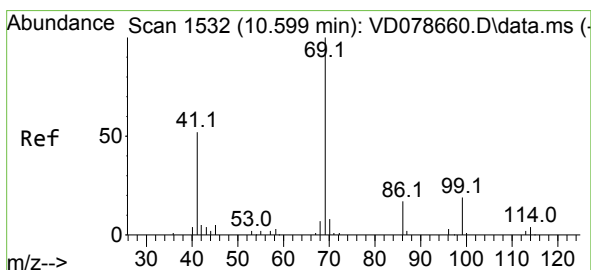
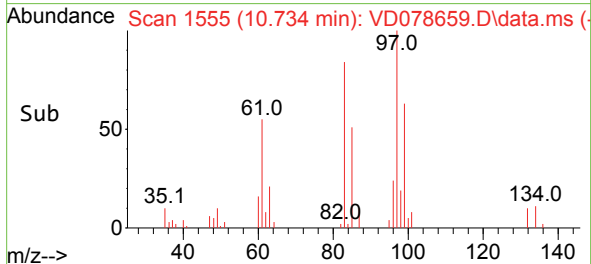
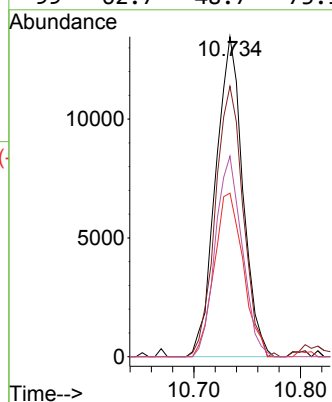
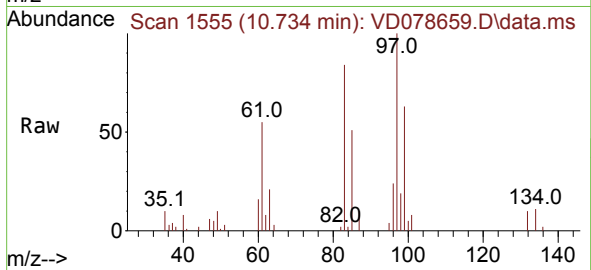
Ion Ratio Lower Upper

97 100

83 84.5 68.1 102.1

85 51.1 48.2 72.2

99 62.7 48.7 73.1



#56

Ethyl methacrylate

Concen: 20.011 ug/l

RT: 10.593 min Scan# 1531

Delta R.T. -0.006 min

Lab File: VD078659.D

Acq: 14 Mar 2024 10:55

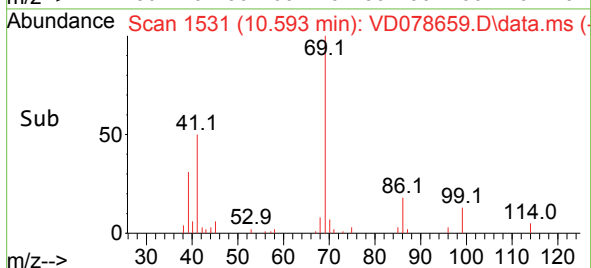
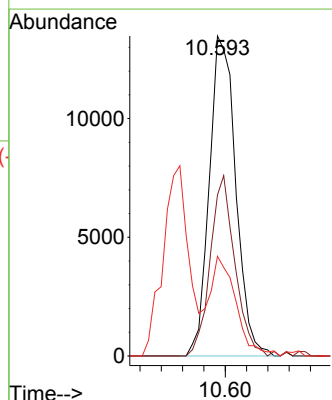
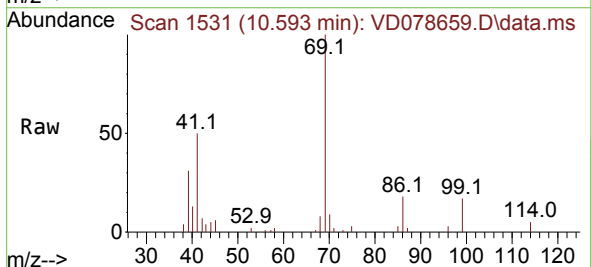
Tgt Ion: 69 Resp: 23243

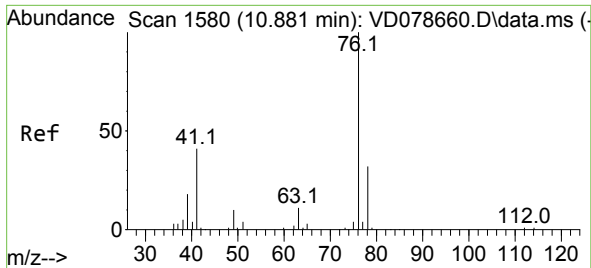
Ion Ratio Lower Upper

69 100

41 52.8 40.9 61.3

39 31.6 25.5 38.3





#57

1,3-Dichloropropane

Concen: 21.064 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078659.D

Acq: 14 Mar 2024 10:55

Instrument :

MSVOA_D

ClientSampleId :

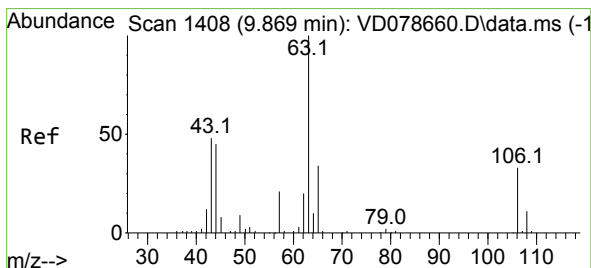
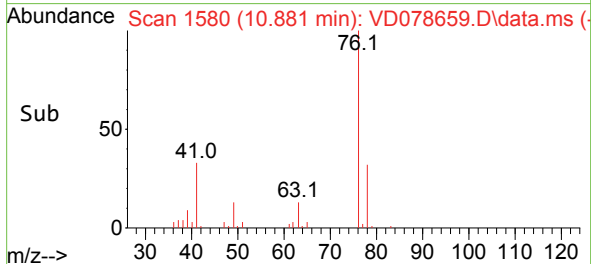
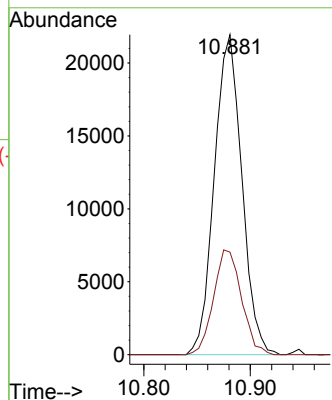
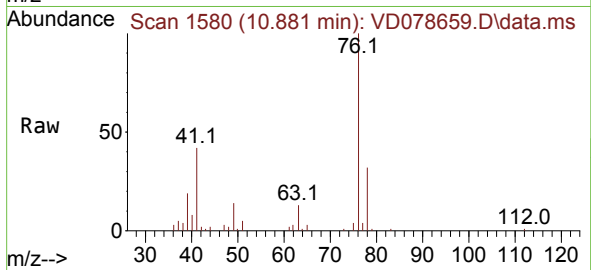
VSTDIC020

Tgt Ion: 76 Resp: 39379

Ion Ratio Lower Upper

76 100

78 33.3 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 91.815 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078659.D

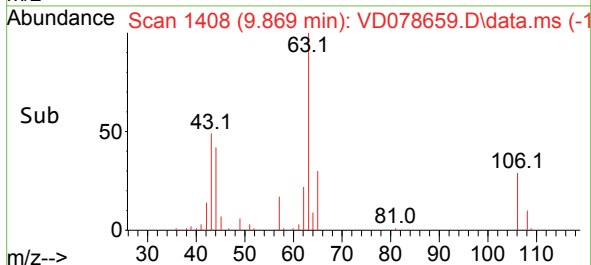
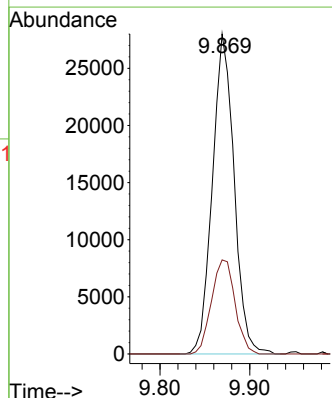
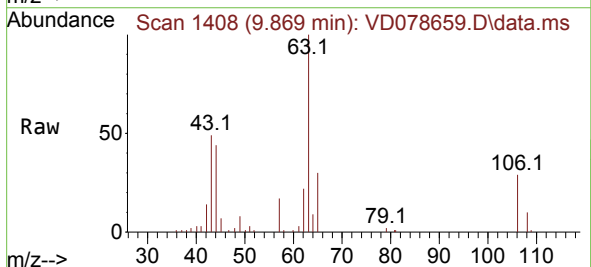
Acq: 14 Mar 2024 10:55

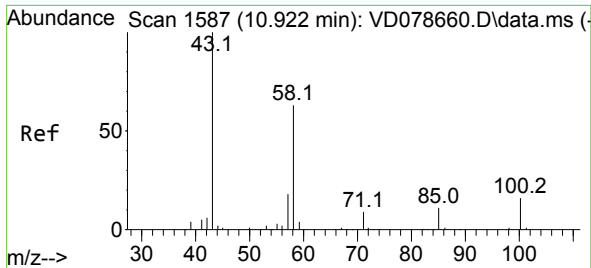
Tgt Ion: 63 Resp: 47023

Ion Ratio Lower Upper

63 100

106 31.9 25.2 37.8

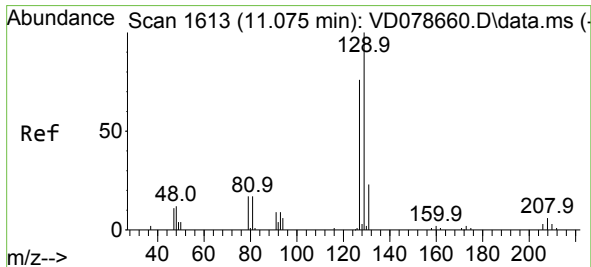
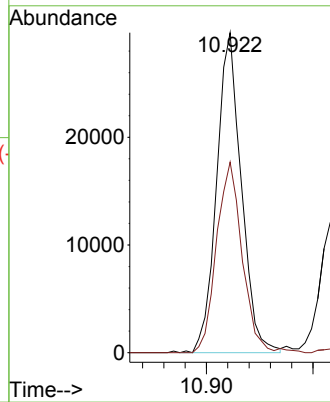
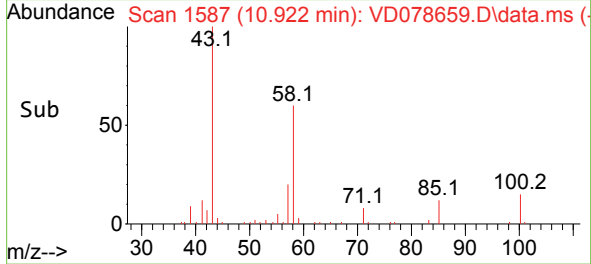
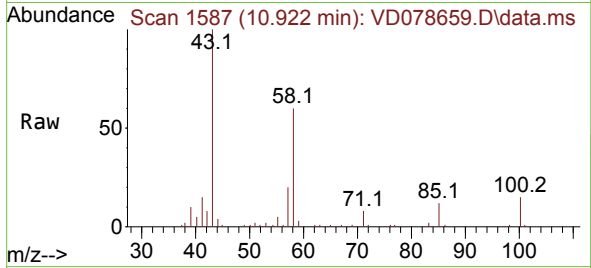




#59
2-Hexanone
Concen: 102.962 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

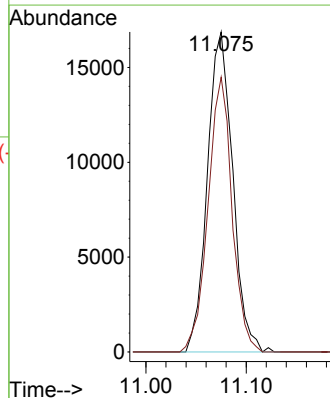
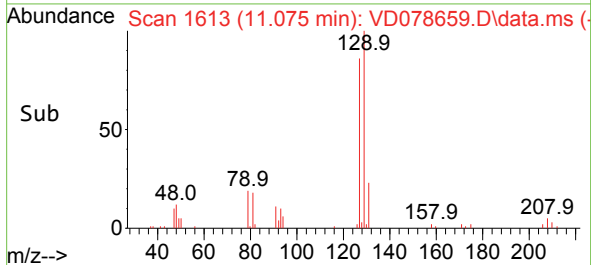
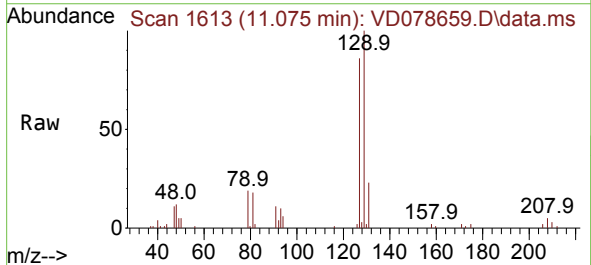
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

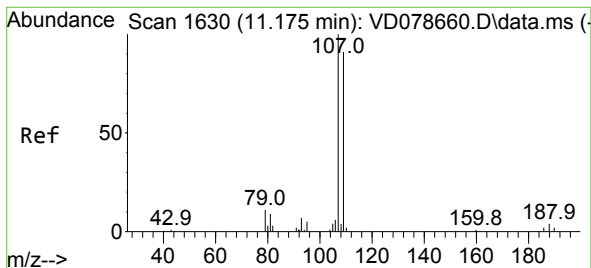
Tgt Ion: 43 Resp: 47717
Ion Ratio Lower Upper
43 100
58 61.4 31.5 94.5



#60
Dibromochloromethane
Concen: 20.728 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion: 129 Resp: 29617
Ion Ratio Lower Upper
129 100
127 81.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 21.049 ug/l

RT: 11.181 min Scan# 1631

Delta R.T. 0.006 min

Lab File: VD078659.D

Acq: 14 Mar 2024 10:55

Instrument :

MSVOA_D

ClientSampleId :

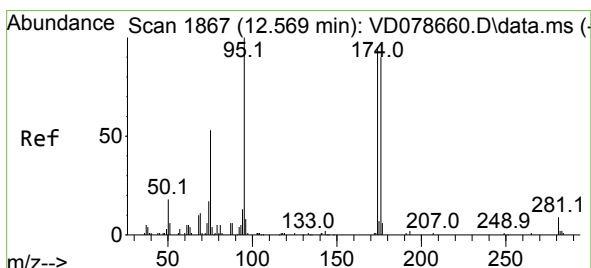
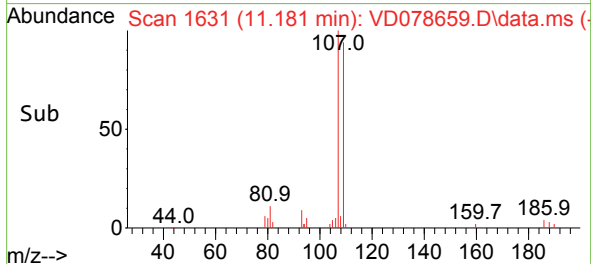
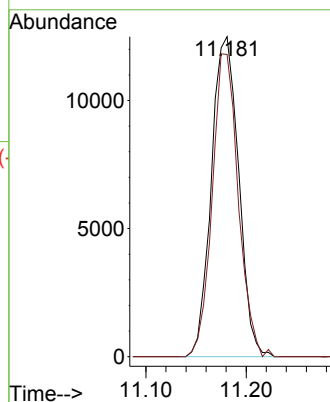
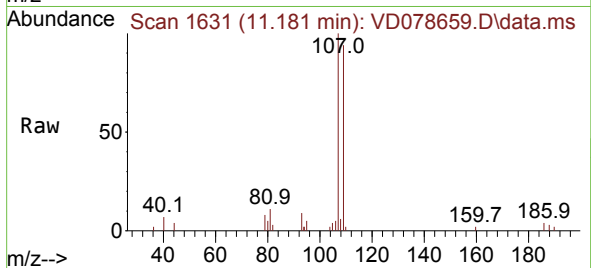
VSTDIC020

Tgt Ion:107 Resp: 23602

Ion Ratio Lower Upper

107 100

109 90.4 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 21.486 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078659.D

Acq: 14 Mar 2024 10:55

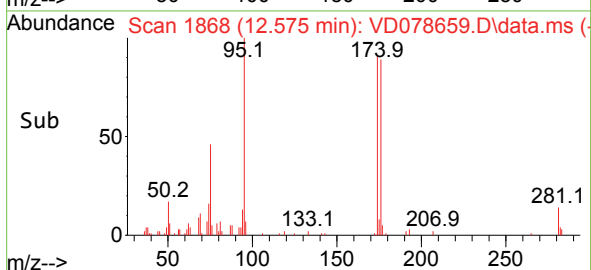
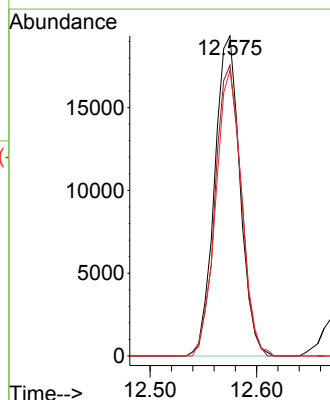
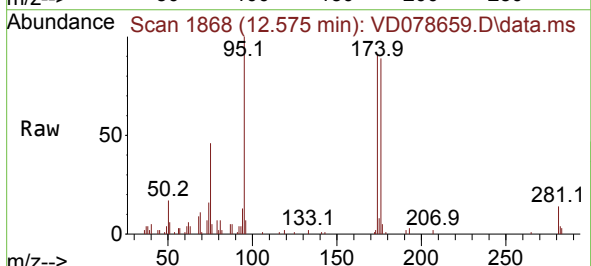
Tgt Ion: 95 Resp: 32069

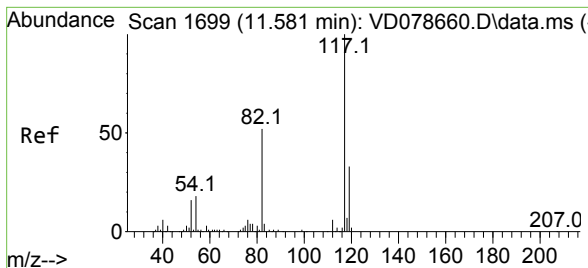
Ion Ratio Lower Upper

95 100

174 92.4 0.0 195.2

176 90.8 0.0 188.2

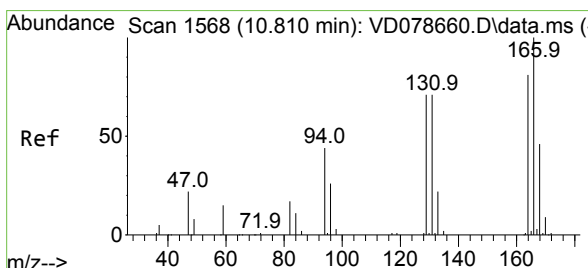
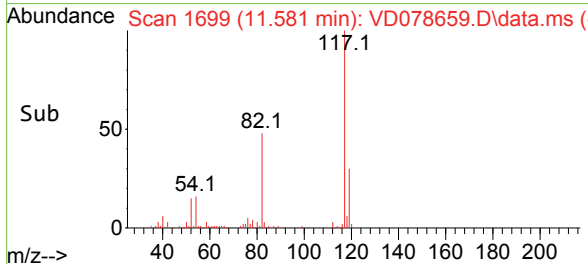
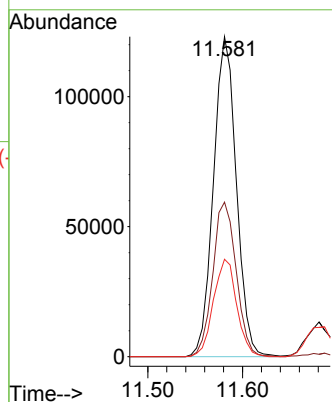
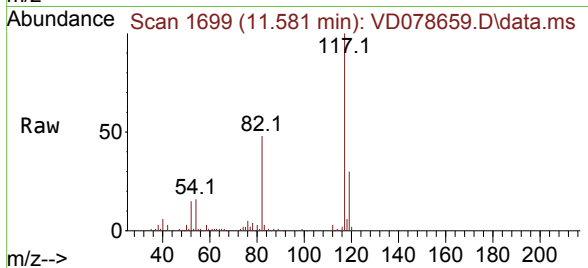




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

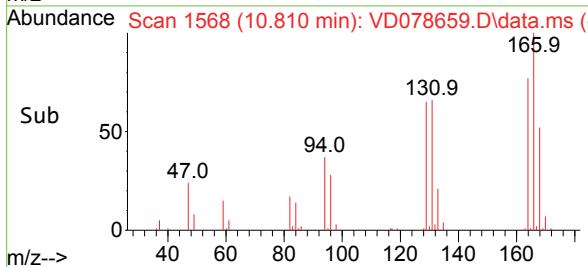
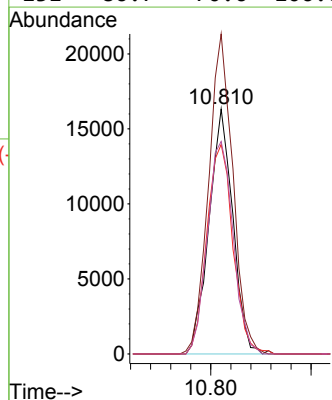
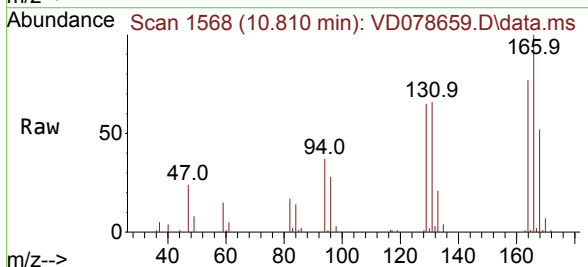
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

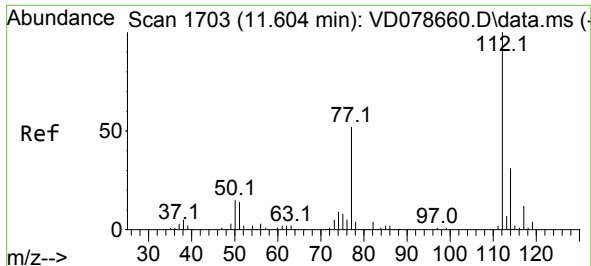
Tgt Ion:117 Resp: 206752
Ion Ratio Lower Upper
117 100
82 48.3 41.4 62.2
119 30.5 26.5 39.7



#64
Tetrachloroethene
Concen: 19.733 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion:164 Resp: 26999
Ion Ratio Lower Upper
164 100
166 130.6 98.9 148.3
129 85.5 70.3 105.5
131 86.7 70.6 106.0

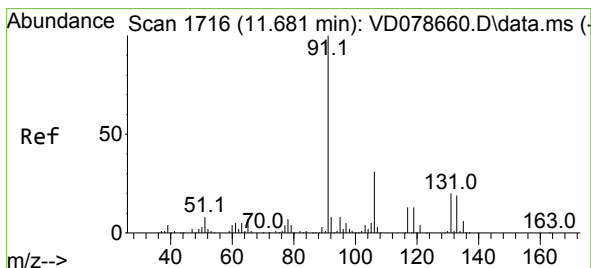
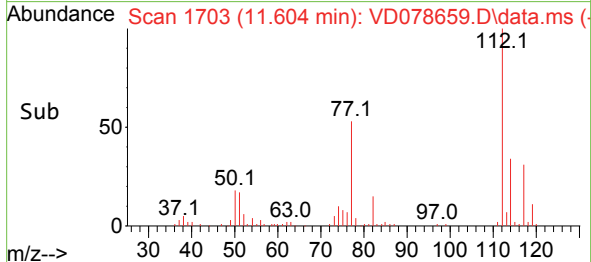
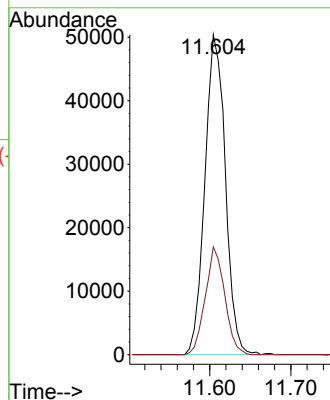
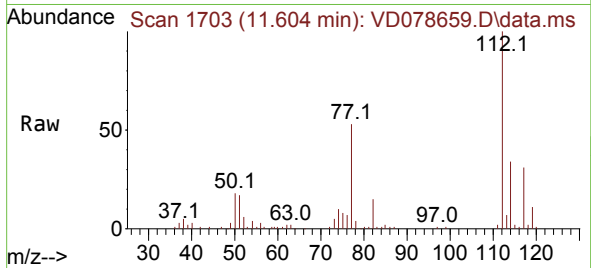




#65
Chlorobenzene
Concen: 20.414 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

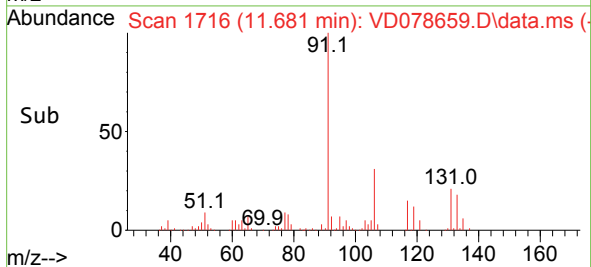
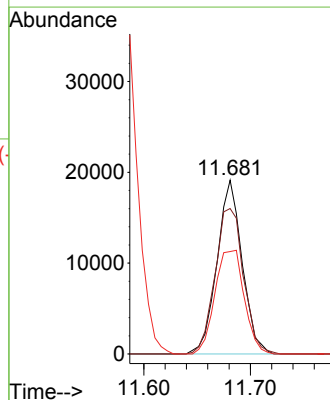
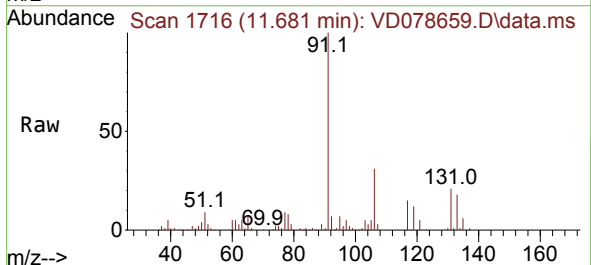
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

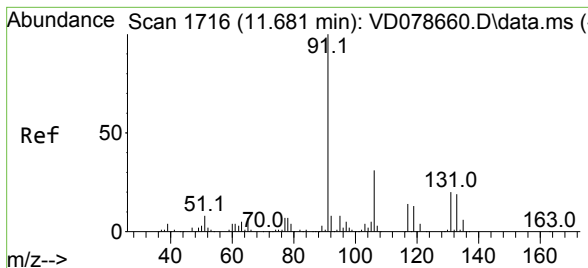
Tgt Ion:112 Resp: 88197
Ion Ratio Lower Upper
112 100
114 33.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.770 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion:131 Resp: 31282
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.9
119 69.8 34.1 102.3





#67

Ethyl Benzene

Concen: 20.281 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078659.D

Acq: 14 Mar 2024 10:55

Instrument :

MSVOA_D

ClientSampleId :

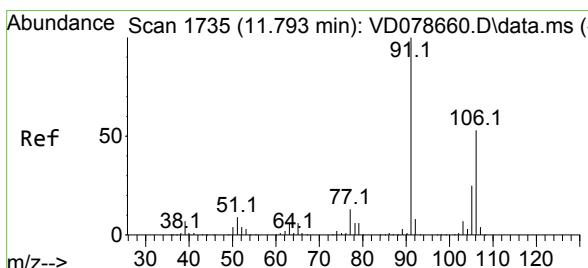
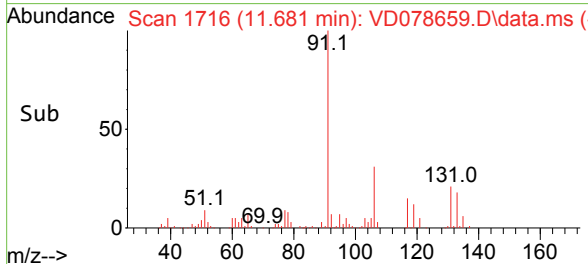
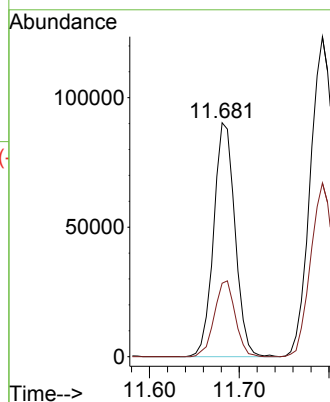
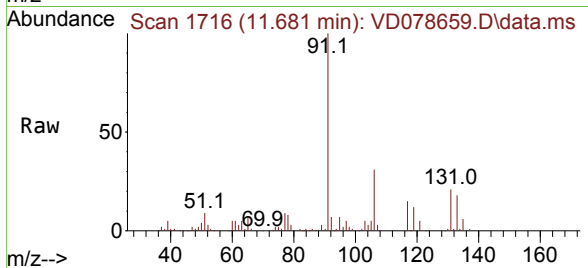
VSTDICC020

Tgt Ion: 91 Resp: 149315

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 40.898 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078659.D

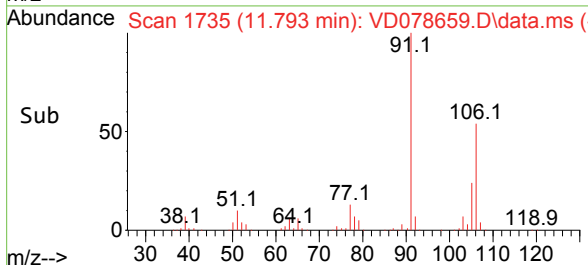
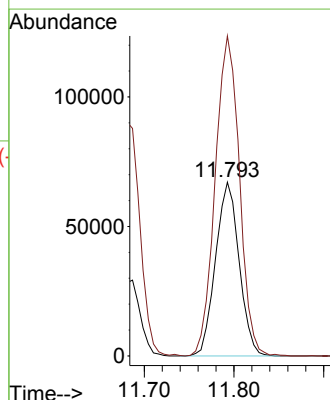
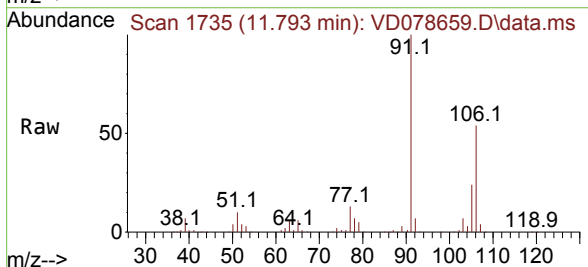
Acq: 14 Mar 2024 10:55

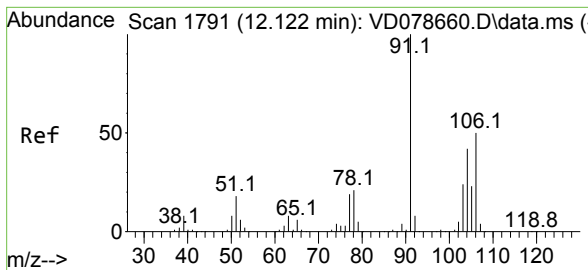
Tgt Ion: 106 Resp: 122269

Ion Ratio Lower Upper

106 100

91 189.7 154.4 231.6

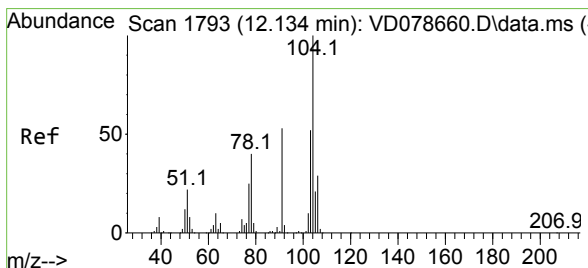
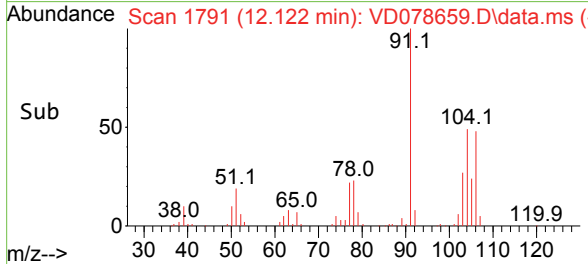
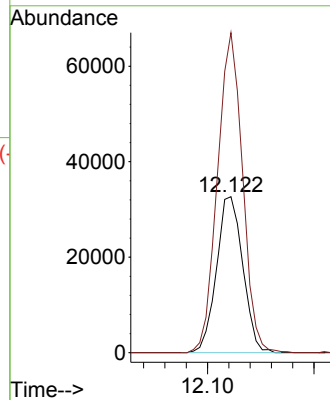
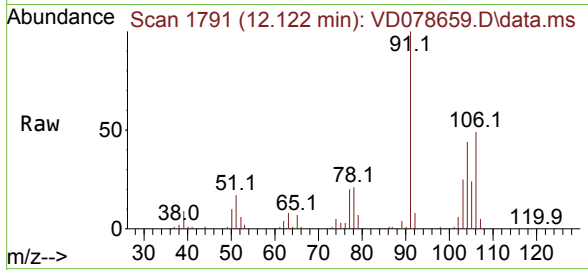




#69
o-Xylene
Concen: 20.226 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

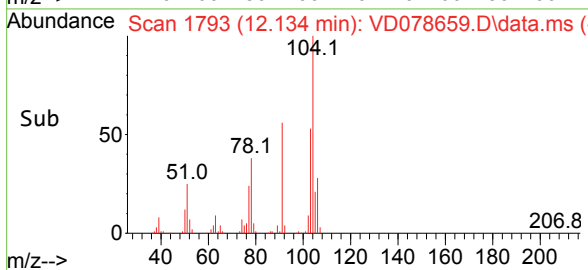
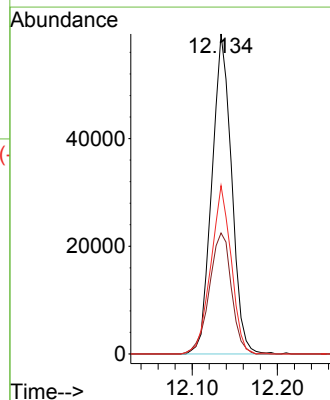
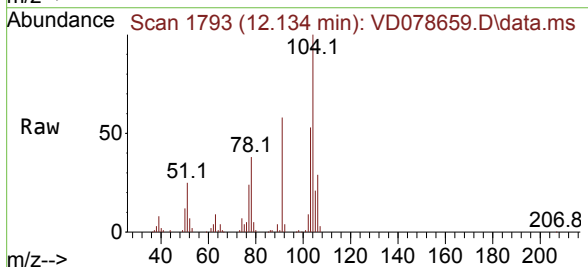
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

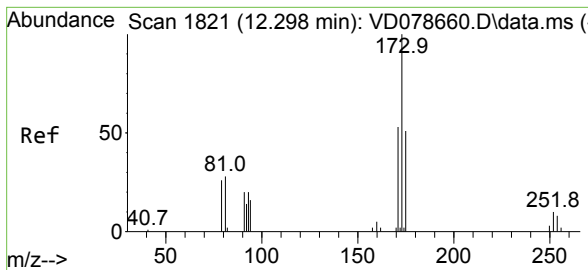
Tgt Ion:106 Resp: 55946
Ion Ratio Lower Upper
106 100
91 196.1 99.6 298.7



#70
Styrene
Concen: 20.582 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion:104 Resp: 95557
Ion Ratio Lower Upper
104 100
78 42.4 34.6 52.0
103 54.3 44.2 66.2

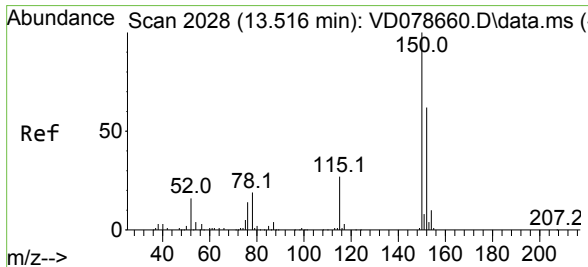
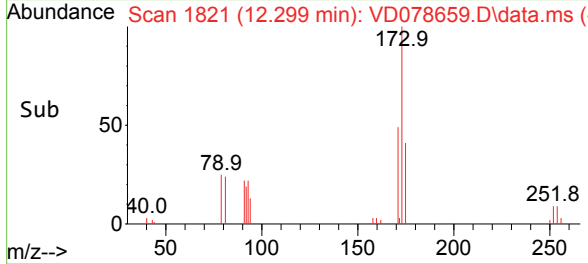
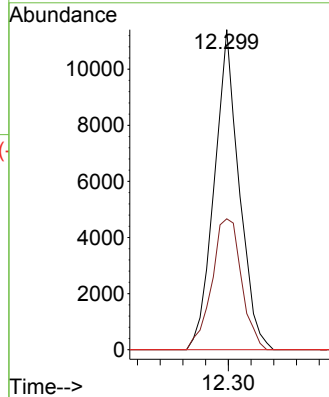
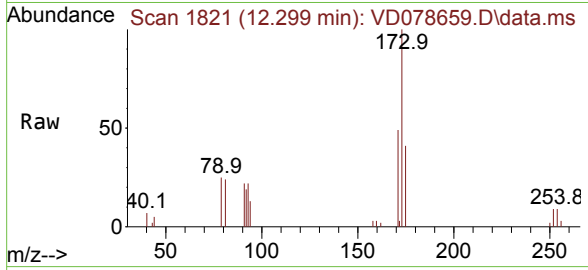




#71
Bromoform
Concen: 20.252 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

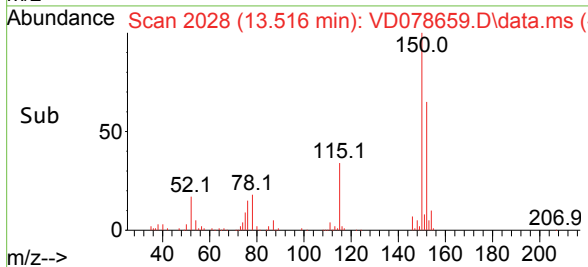
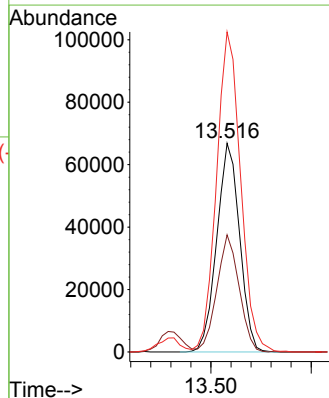
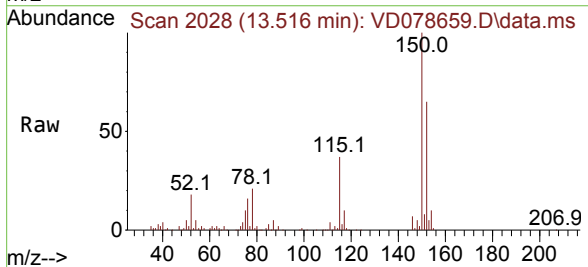
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

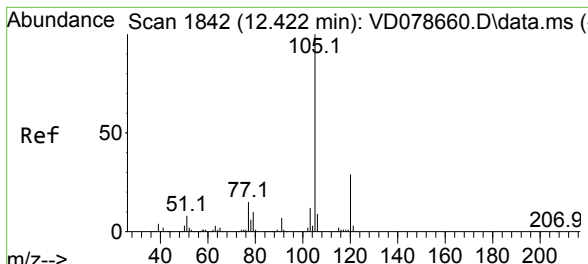
Tgt Ion:173 Resp: 17317
Ion Ratio Lower Upper
173 100
175 48.8 25.8 77.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion:152 Resp: 105645
Ion Ratio Lower Upper
152 100
115 54.6 27.1 81.2
150 162.0 0.0 350.2

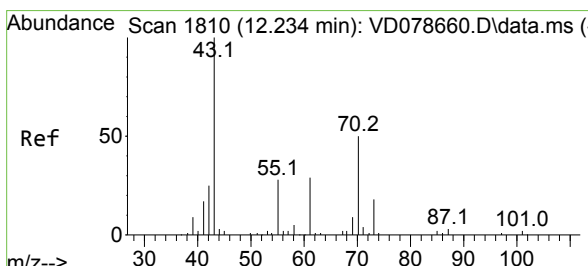
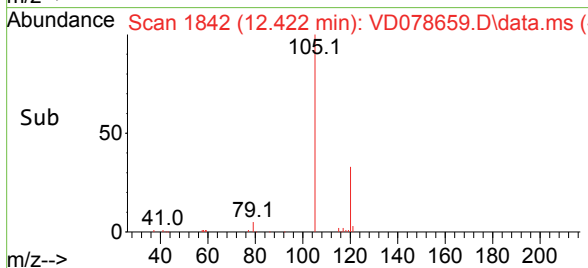
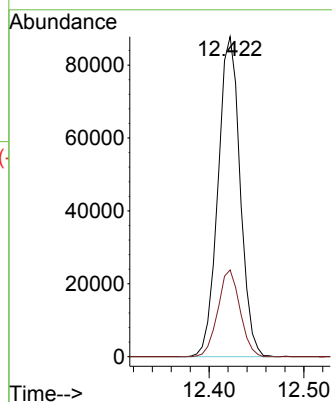
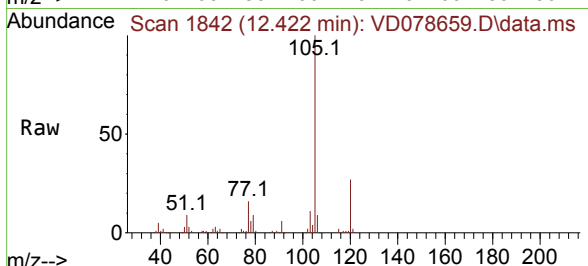




#73
Isopropylbenzene
Concen: 20.466 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

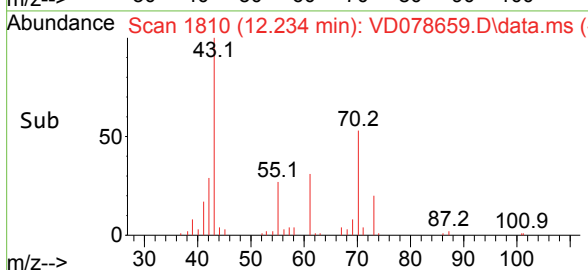
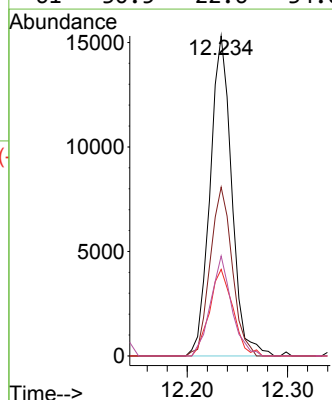
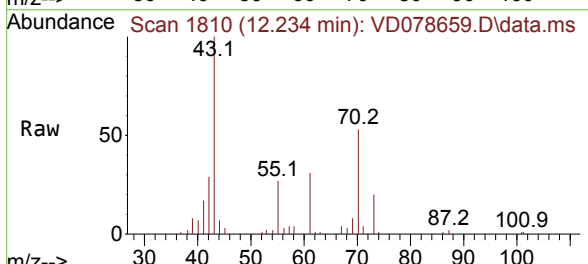
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

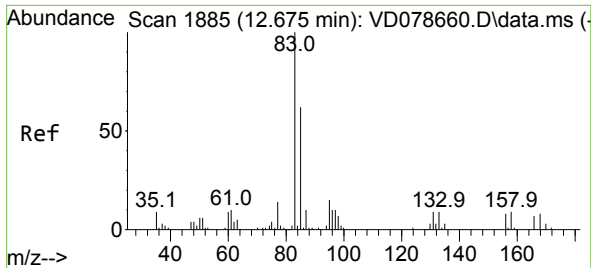
Tgt Ion:105 Resp: 142353
Ion Ratio Lower Upper
105 100
120 27.1 13.7 41.0



#74
N-ethyl acetate
Concen: 20.373 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion: 43 Resp: 23008
Ion Ratio Lower Upper
43 100
70 53.7 42.1 63.1
55 29.1 22.6 33.8
61 30.5 22.6 34.0

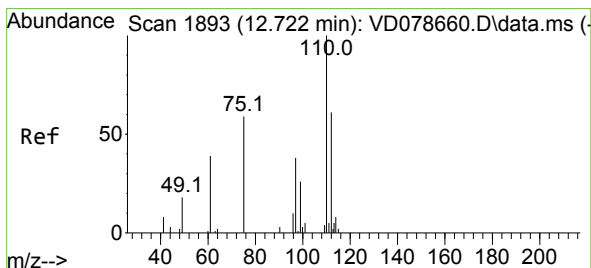
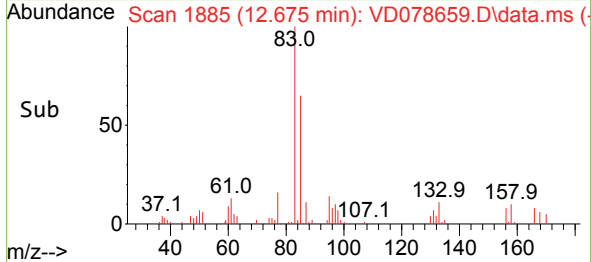
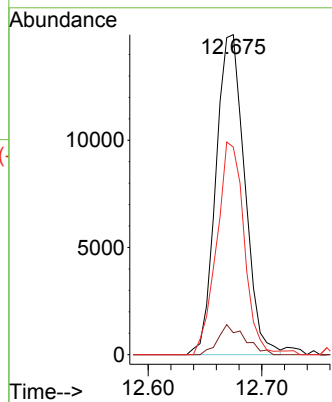
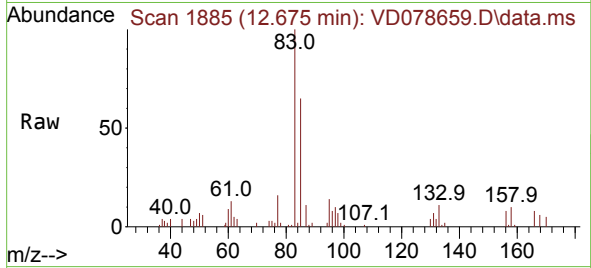




#75
1,1,2,2-Tetrachloroethane
Concen: 20.390 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

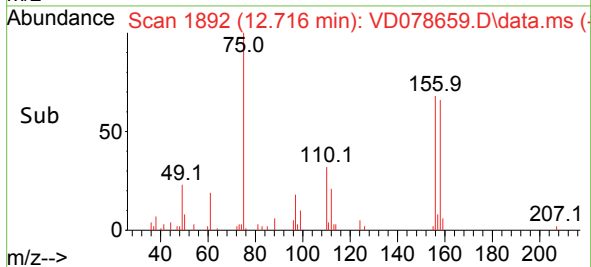
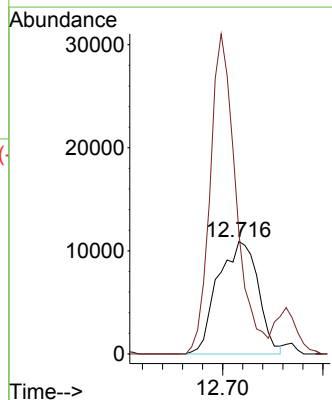
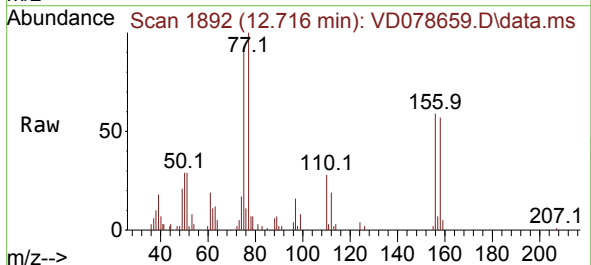
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

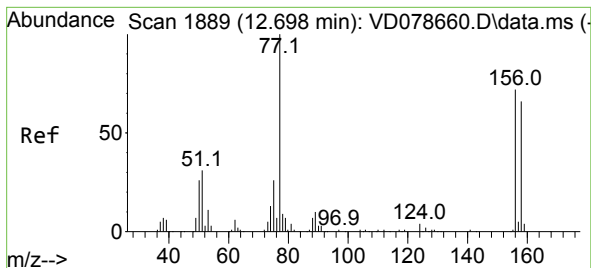
Tgt Ion: 83 Resp: 26255
Ion Ratio Lower Upper
83 100
131 8.7 4.9 14.7
85 63.9 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 37.534 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion: 75 Resp: 30488
Ion Ratio Lower Upper
75 100
77 183.3 0.0 0.0#





#77

Bromobenzene

Concen: 20.189 ug/l

RT: 12.698 min Scan# 1189

Delta R.T. 0.000 min

Lab File: VD078659.D

Acq: 14 Mar 2024 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

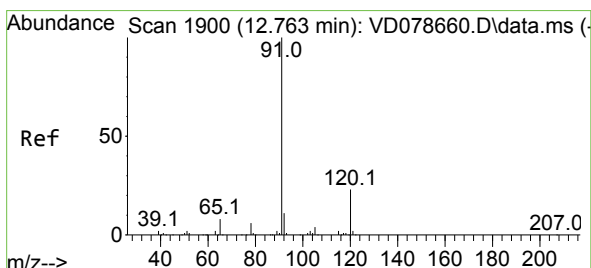
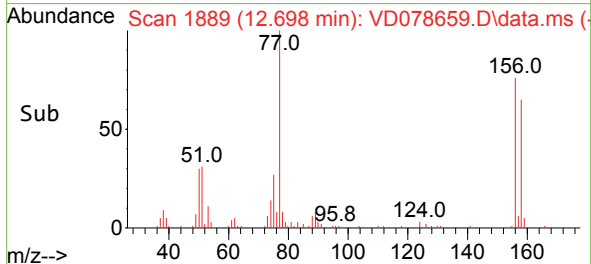
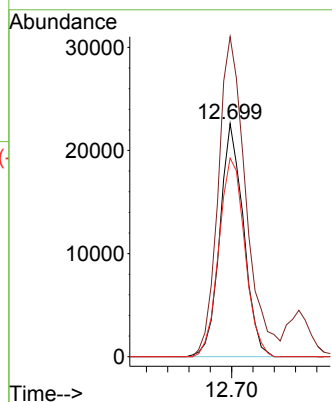
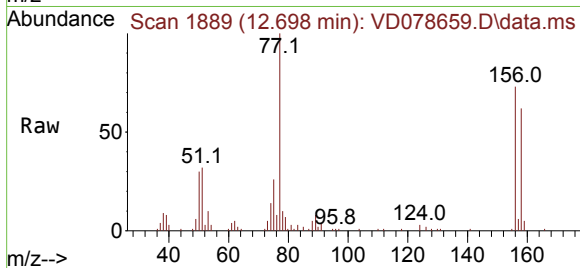
Tgt Ion:156 Resp: 34826

Ion Ratio Lower Upper

156 100

77 160.4 79.1 237.3

158 93.4 47.0 141.0



#78

n-propylbenzene

Concen: 20.835 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078659.D

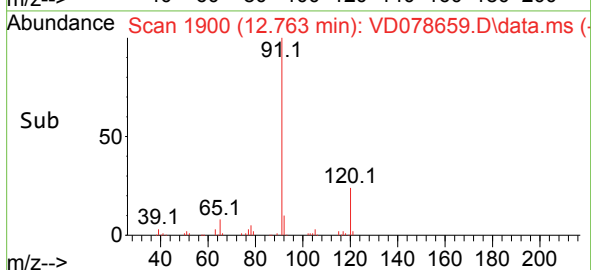
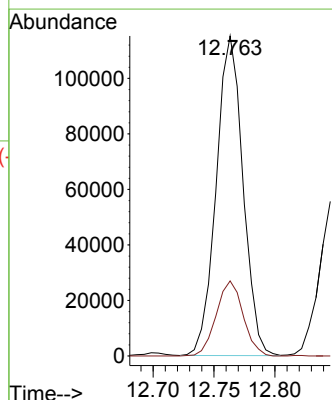
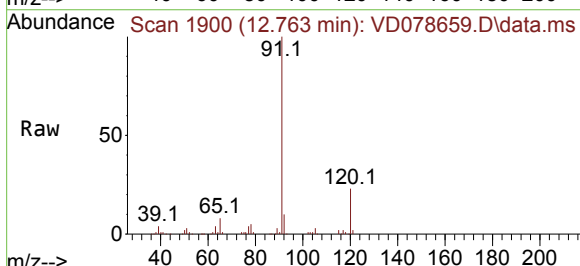
Acq: 14 Mar 2024 10:55

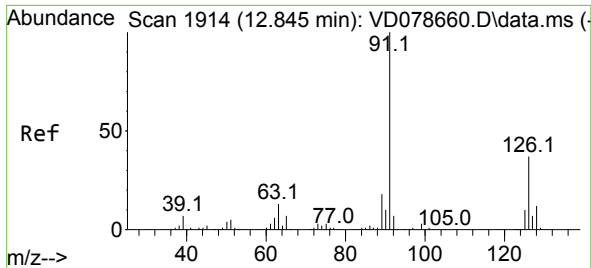
Tgt Ion: 91 Resp: 176408

Ion Ratio Lower Upper

91 100

120 23.5 11.7 35.1

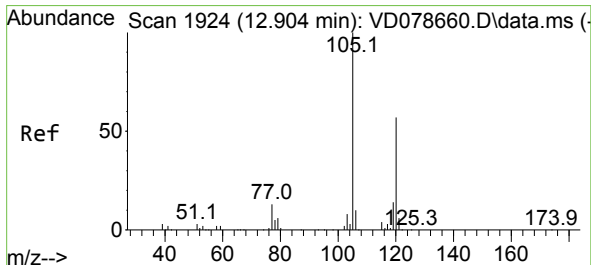
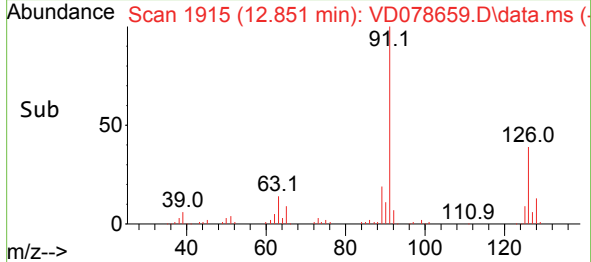
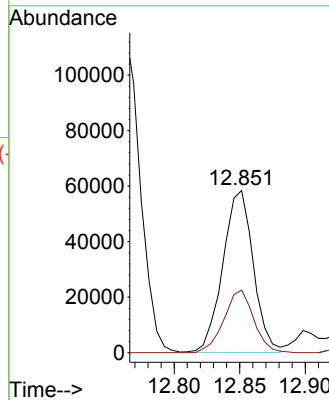
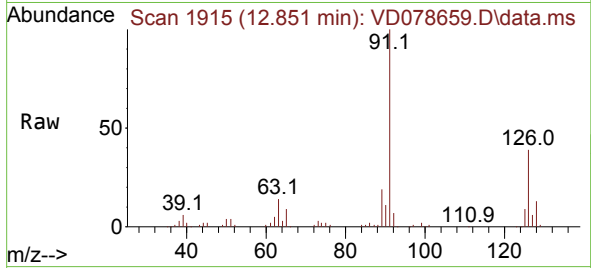




#79
2-Chlorotoluene
Concen: 20.337 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

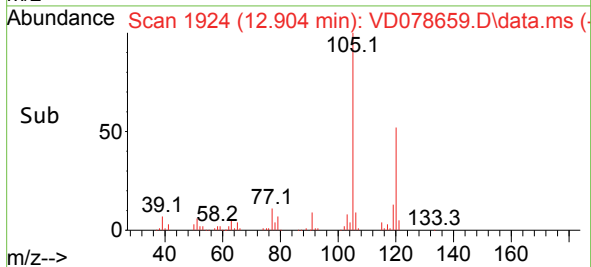
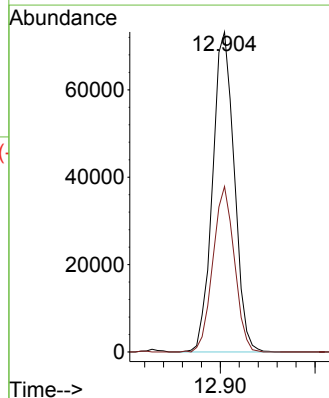
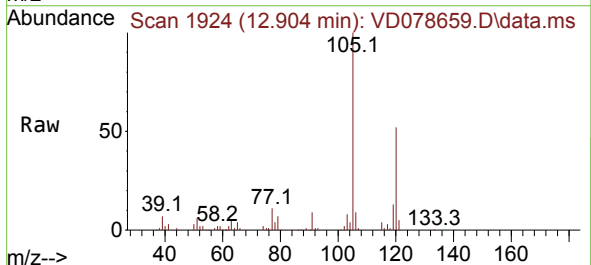
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

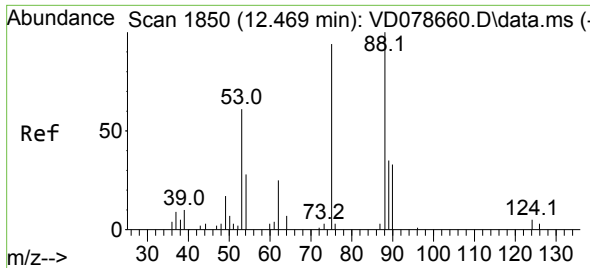
Tgt Ion: 91 Resp: 94459
Ion Ratio Lower Upper
91 100
126 37.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.239 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion: 105 Resp: 116413
Ion Ratio Lower Upper
105 100
120 51.2 25.9 77.7

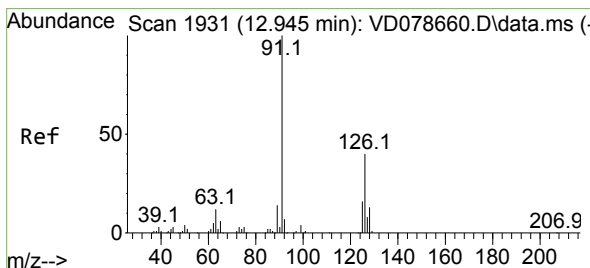
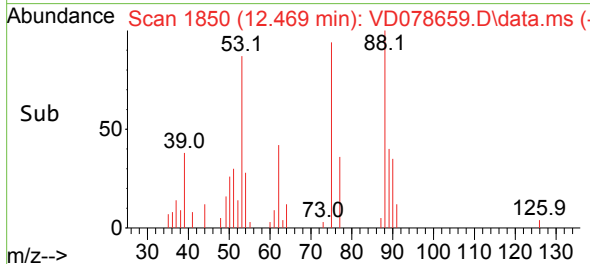
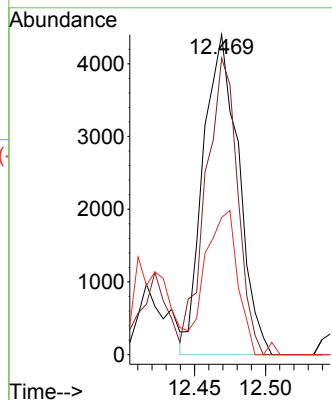
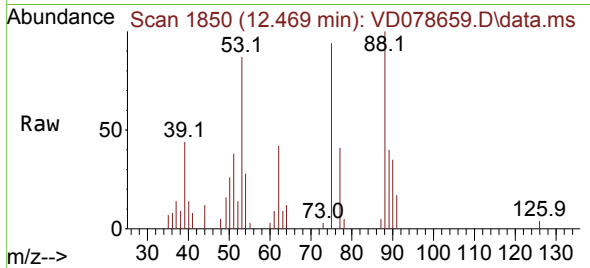




#81
trans-1,4-Dichloro-2-butene
Concen: 19.524 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

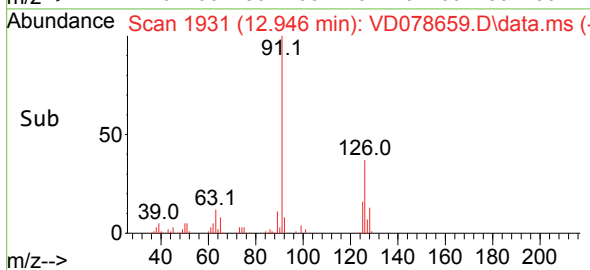
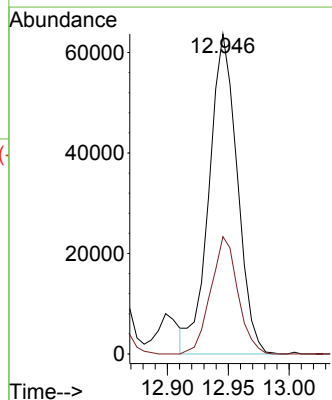
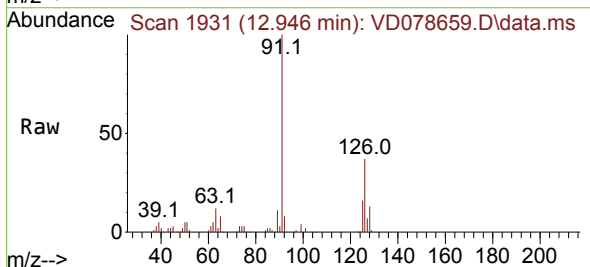
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

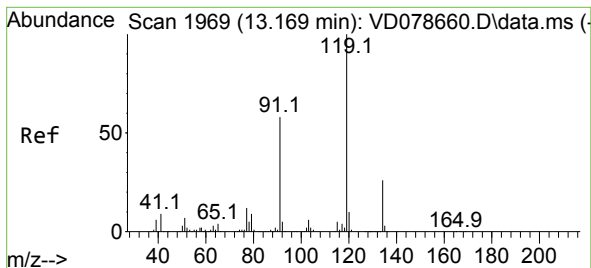
Tgt Ion:	75	Resp:	7581
Ion	Ratio	Lower	Upper
75	100		
53	84.3	61.0	91.6
89	40.8	35.4	53.0



#82
4-Chlorotoluene
Concen: 20.884 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion:	91	Resp:	102598
Ion	Ratio	Lower	Upper
91	100		
126	35.2	18.9	56.5





#83

tert-Butylbenzene

Concen: 20.168 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078659.D

Acq: 14 Mar 2024 10:55

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

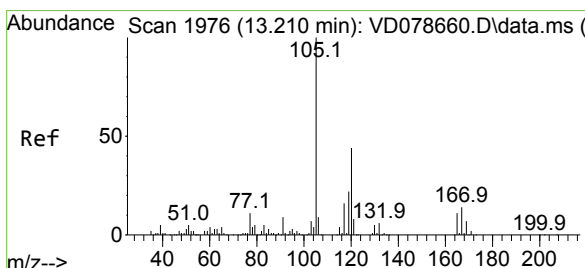
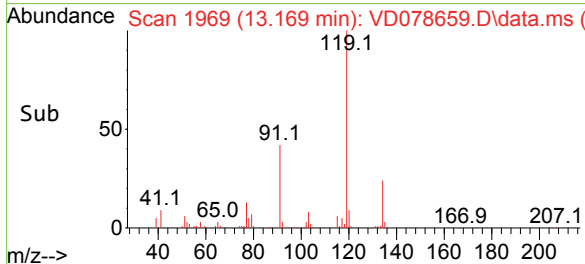
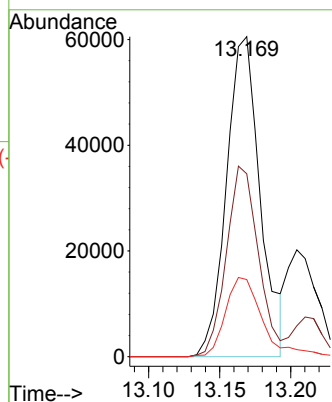
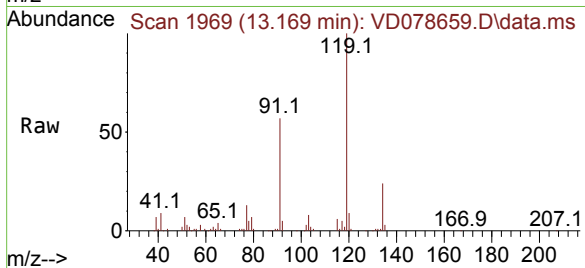
Tgt Ion:119 Resp: 100027

Ion Ratio Lower Upper

119 100

91 56.7 28.9 86.7

134 27.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.210 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078659.D

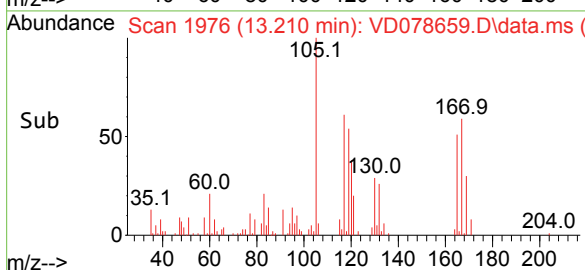
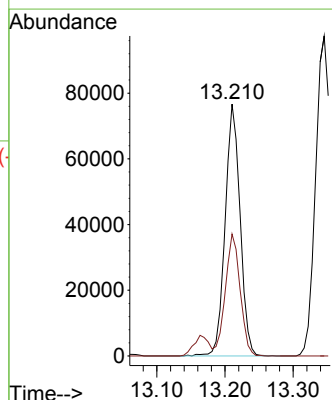
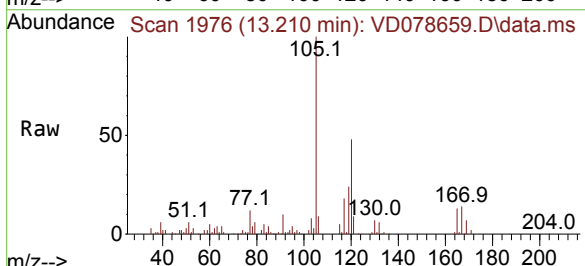
Acq: 14 Mar 2024 10:55

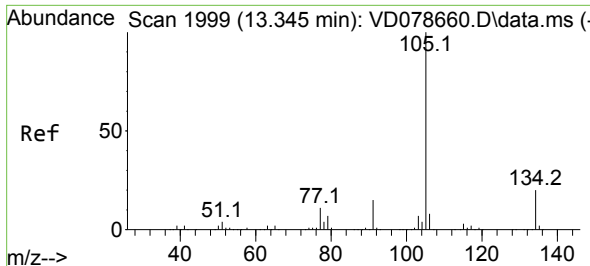
Tgt Ion:105 Resp: 117152

Ion Ratio Lower Upper

105 100

120 48.0 23.1 69.2

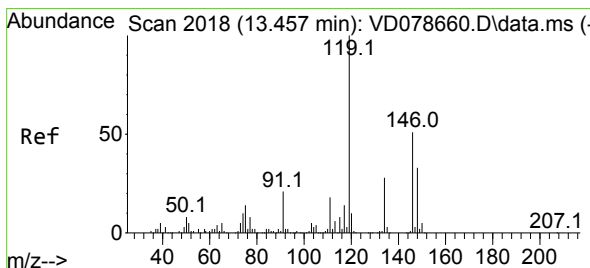
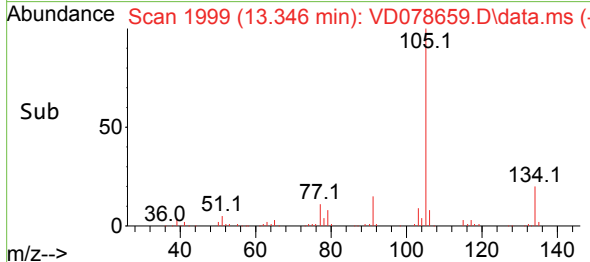
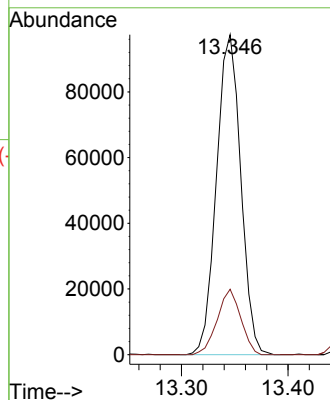
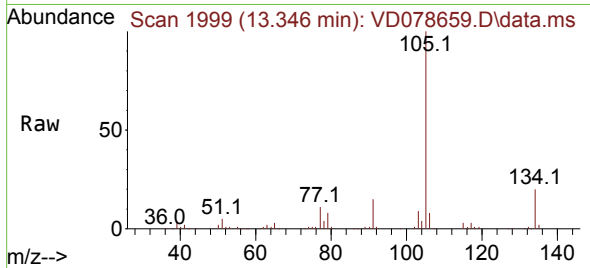




#85
 sec-Butylbenzene
 Concen: 20.522 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078659.D
 Acq: 14 Mar 2024 10:55

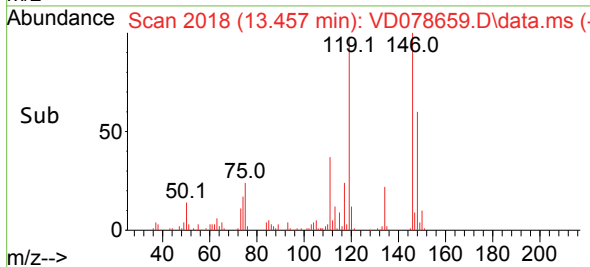
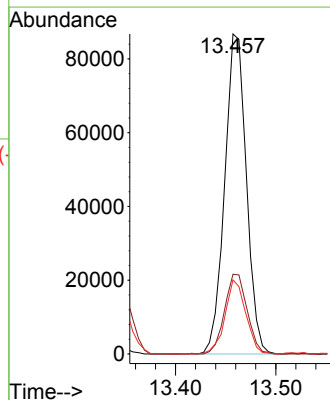
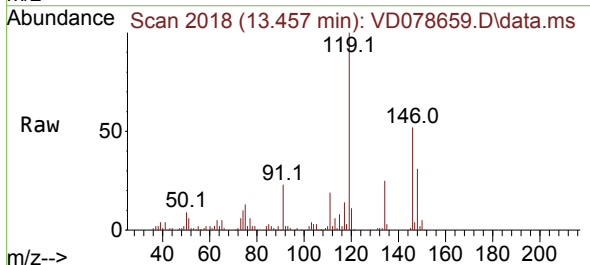
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

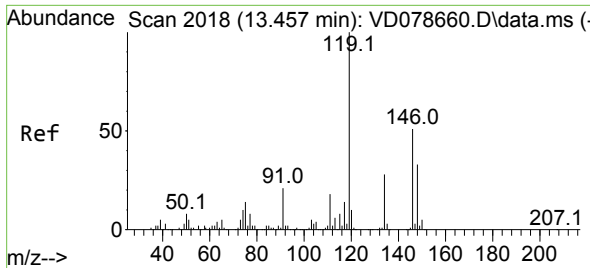
Tgt Ion:105 Resp: 154030
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 20.311 ug/l
 RT: 13.457 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: VD078659.D
 Acq: 14 Mar 2024 10:55

Tgt Ion:119 Resp: 130502
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.5 40.5
 91 22.1 10.4 31.2

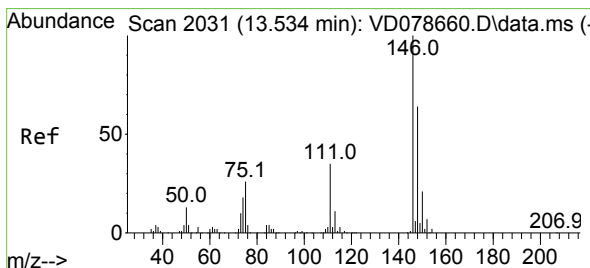
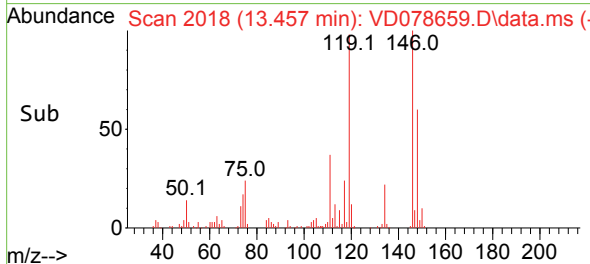
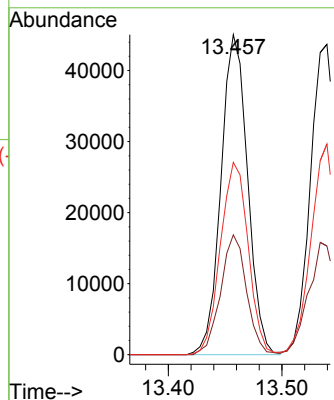
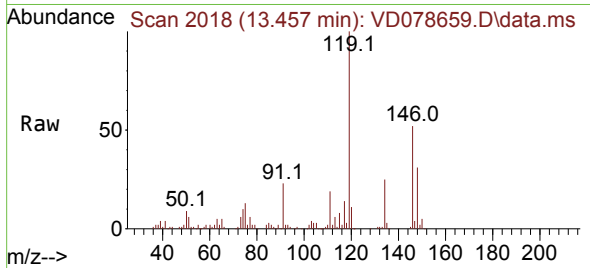




#87
1,3-Dichlorobenzene
Concen: 20.148 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

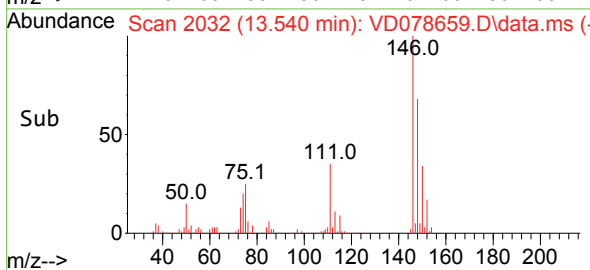
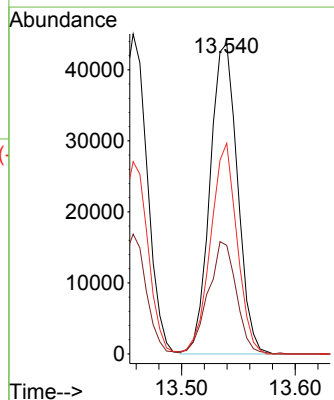
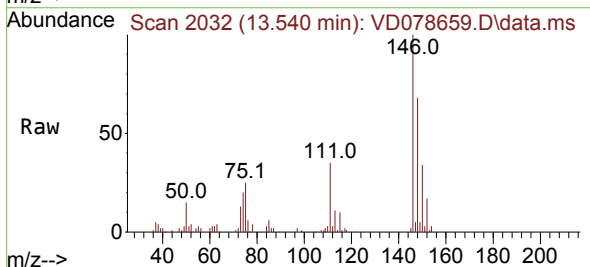
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

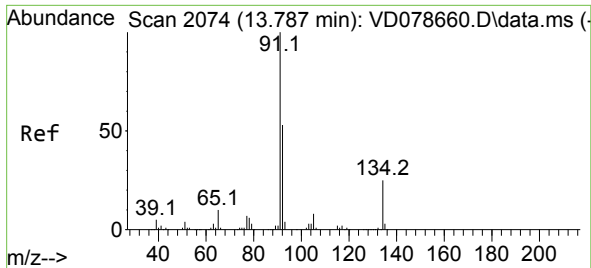
Tgt Ion:146 Resp: 73342
Ion Ratio Lower Upper
146 100
111 36.6 18.2 54.6
148 62.8 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 20.491 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion:146 Resp: 73511
Ion Ratio Lower Upper
146 100
111 37.2 17.8 53.3
148 65.2 32.4 97.0

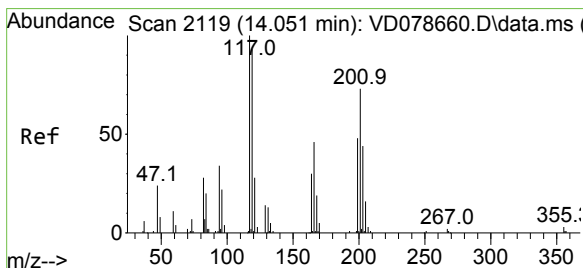
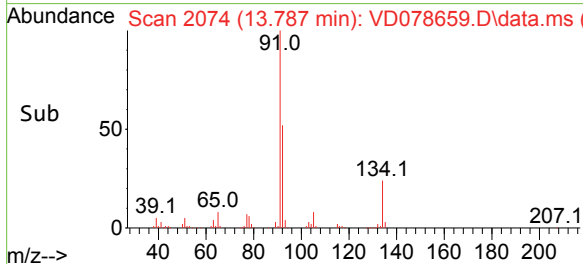
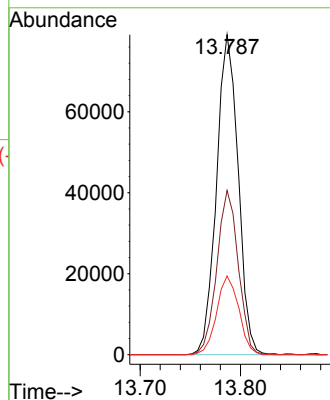
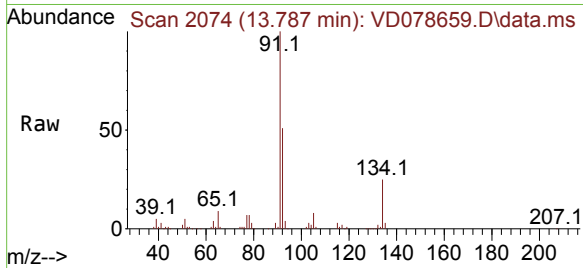




#89
n-Butylbenzene
Concen: 20.404 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

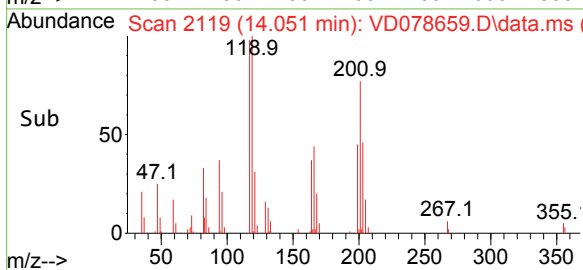
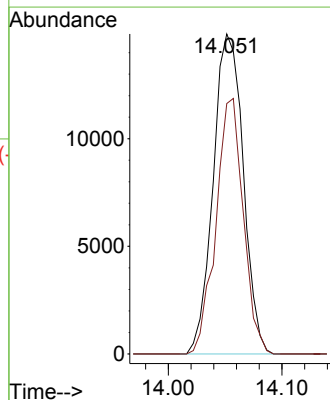
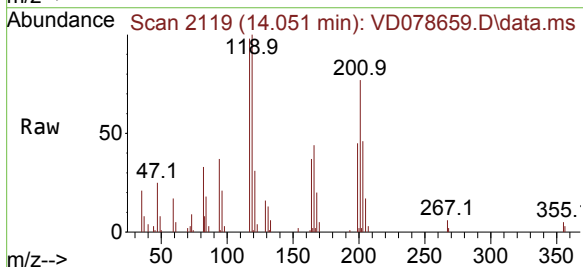
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

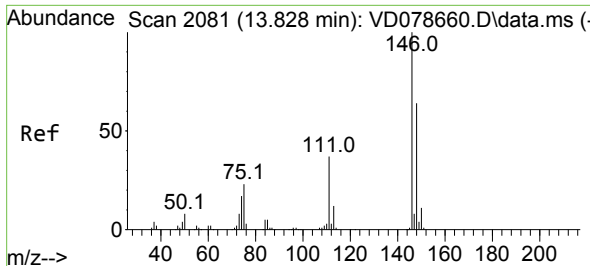
Tgt Ion: 91 Resp: 118402
Ion Ratio Lower Upper
91 100
92 51.0 26.4 79.0
134 25.1 13.0 38.9



#90
Hexachloroethane
Concen: 20.547 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion: 117 Resp: 27318
Ion Ratio Lower Upper
117 100
201 72.8 36.2 108.6

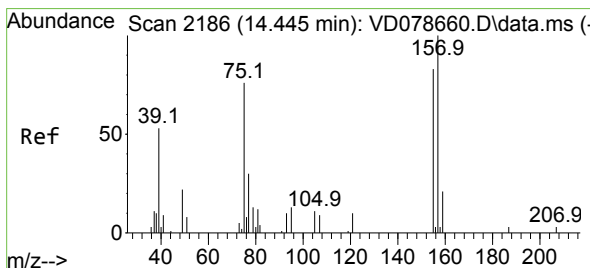
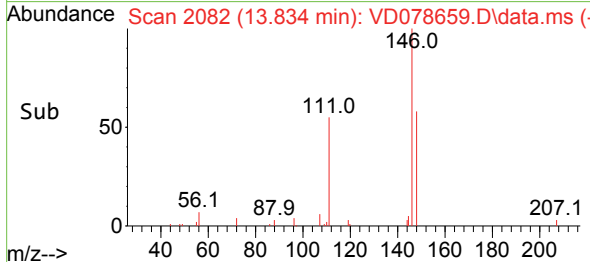
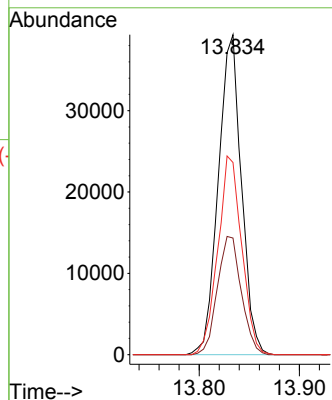
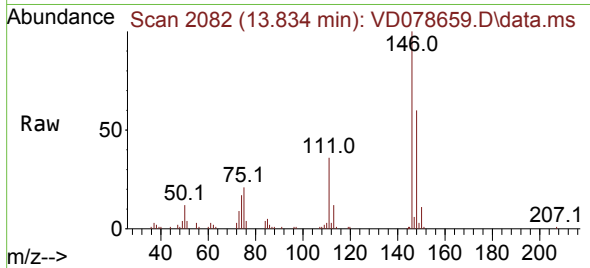




#91
1,2-Dichlorobenzene
Concen: 20.069 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

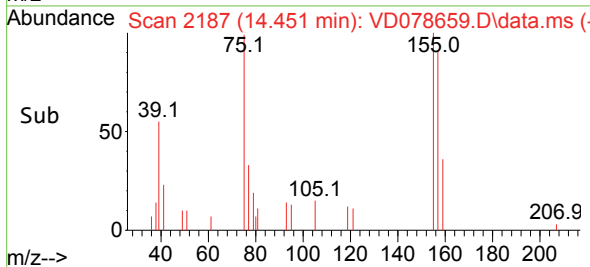
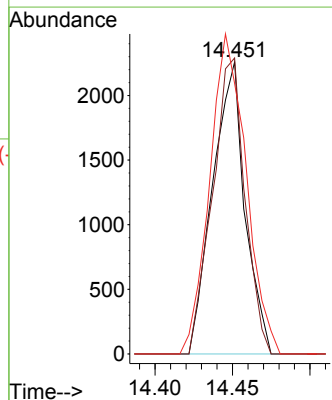
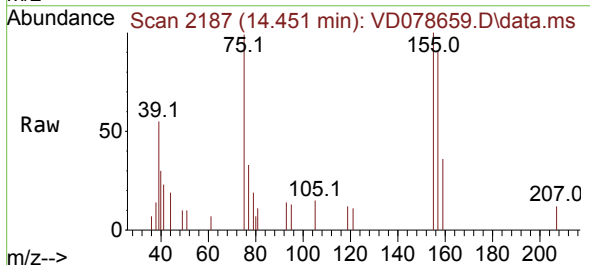
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

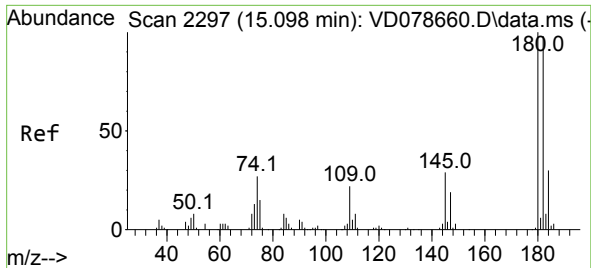
Tgt Ion:146 Resp: 62919
Ion Ratio Lower Upper
146 100
111 38.3 18.6 56.0
148 64.3 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.001 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

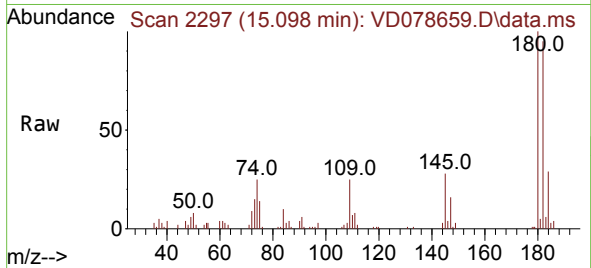
Tgt Ion: 75 Resp: 3273
Ion Ratio Lower Upper
75 100
155 102.1 49.8 149.3
157 123.3 65.5 196.3



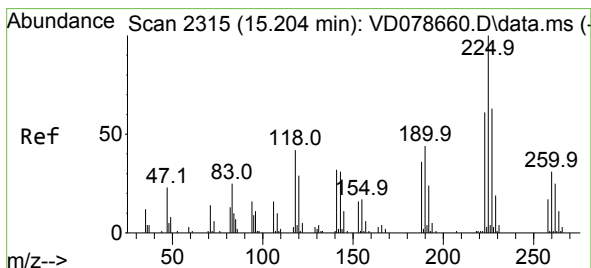
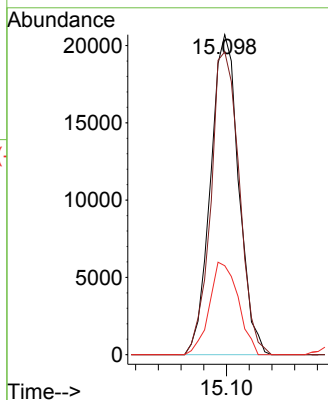
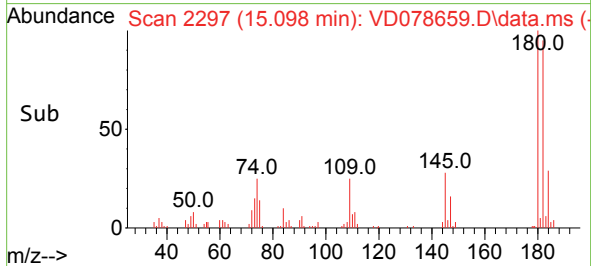


#93
1,2,4-Trichlorobenzene
Concen: 19.484 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

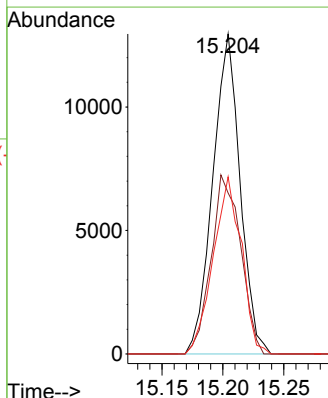
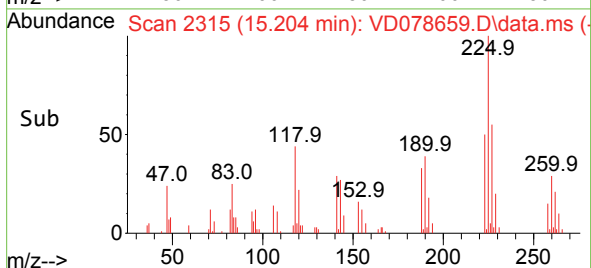
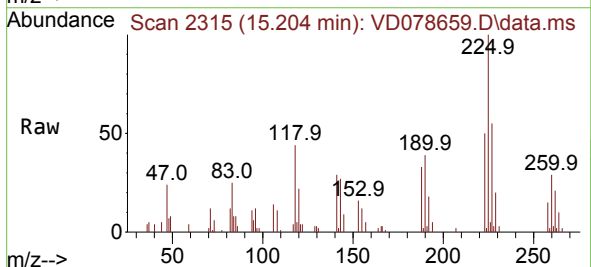


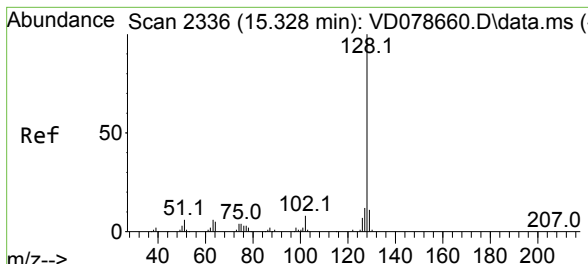
Tgt Ion:180 Resp: 35650
Ion Ratio Lower Upper
180 100
182 95.6 49.7 149.1
145 29.5 14.6 44.0



#94
Hexachlorobutadiene
Concen: 20.386 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078659.D
Acq: 14 Mar 2024 10:55

Tgt Ion:225 Resp: 20194
Ion Ratio Lower Upper
225 100
223 60.5 31.9 95.7
227 57.2 32.0 96.0

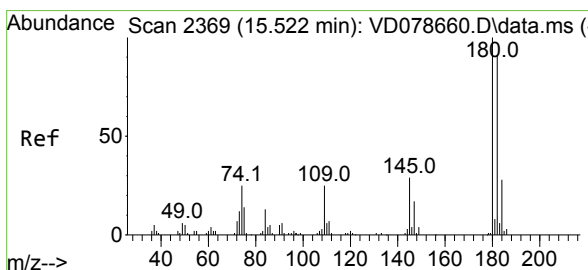
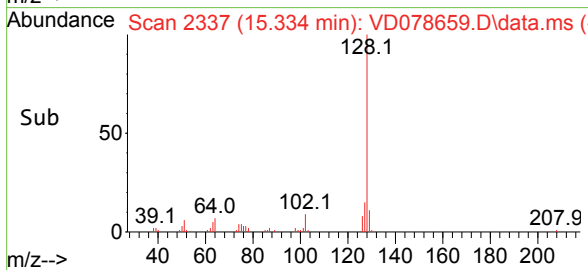
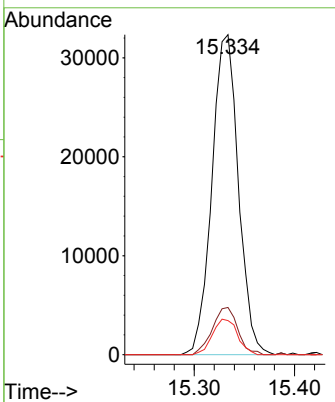
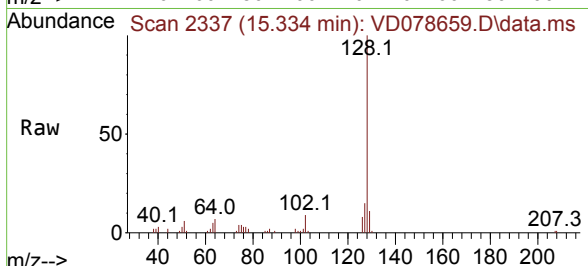




#95
 Naphthalene
 Concen: 18.633 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078659.D
 Acq: 14 Mar 2024 10:55

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion:	128	Resp:	59274
Ion Ratio	Lower	Upper	
128	100		
127	14.7	9.3	13.9#
129	10.6	8.9	13.3



#96
 1,2,3-Trichlorobenzene
 Concen: 19.672 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD078659.D
 Acq: 14 Mar 2024 10:55

Tgt Ion:	180	Resp:	31139
Ion Ratio	Lower	Upper	
180	100		
182	96.1	46.7	140.1
145	30.0	14.4	43.4

