

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031524\
 Data File : VD078680.D
 Acq On : 15 Mar 2024 11:23
 Operator : RP/MD
 Sample : VD0315SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01

Quant Time: Mar 16 05:23:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	120490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	207720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	196830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	101999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54631	48.381	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.760%
35) Dibromofluoromethane	7.810	113	60372	45.141	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.280%
50) Toluene-d8	10.269	98	224615	45.667	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.340%
62) 4-Bromofluorobenzene	12.575	95	65427	45.469	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	22256	19.846	ug/l	88
3) Chloromethane	2.152	50	36699	20.726	ug/l	99
4) Vinyl Chloride	2.287	62	53042	20.307	ug/l	96
5) Bromomethane	2.687	94	52258	20.896	ug/l	96
6) Chloroethane	2.834	64	44148	21.673	ug/l	97
7) Trichlorofluoromethane	3.175	101	42002	20.326	ug/l	99
8) Diethyl Ether	3.593	74	12617	20.912	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.964	101	26591	20.504	ug/l	96
10) Methyl Iodide	4.164	142	28179	18.369	ug/l	97
11) Tert butyl alcohol	5.046	59	6418	127.003	ug/l #	89
12) 1,1-Dichloroethene	3.946	96	25172	20.418	ug/l	86
13) Acrolein	3.799	56	9351	118.126	ug/l	95
14) Allyl chloride	4.569	41	26931	19.578	ug/l	98
15) Acrylonitrile	5.246	53	25740	105.833	ug/l	94
16) Acetone	4.028	43	25484	116.709	ug/l	99
17) Carbon Disulfide	4.275	76	83348	20.623	ug/l	95
18) Methyl Acetate	4.558	43	9439	20.143	ug/l #	64
19) Methyl tert-butyl Ether	5.316	73	52823	21.247	ug/l	91
20) Methylene Chloride	4.799	84	34786	20.492	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	29398	20.209	ug/l	91
22) Diisopropyl ether	6.216	45	68068	21.764	ug/l	93
23) Vinyl Acetate	6.158	43	198014	108.239	ug/l	100
24) 1,1-Dichloroethane	6.105	63	49488	21.105	ug/l	99
25) 2-Butanone	7.087	43	33711	116.123	ug/l	97
26) 2,2-Dichloropropane	7.069	77	41049	20.692	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	33135	19.971	ug/l	95
28) Bromochloromethane	7.422	49	18030	21.568	ug/l	94
29) Tetrahydrofuran	7.446	42	17171	108.747	ug/l	97
30) Chloroform	7.593	83	54370	20.796	ug/l	97
31) Cyclohexane	7.875	56	37158	19.578	ug/l #	92
32) 1,1,1-Trichloroethane	7.787	97	43416	19.573	ug/l	97
36) 1,1-Dichloropropene	8.010	75	39651	20.434	ug/l	98
37) Ethyl Acetate	7.169	43	12529	19.764	ug/l	95
38) Carbon Tetrachloride	7.987	117	41425	20.250	ug/l	97
39) Methylcyclohexane	9.269	83	43158	19.173	ug/l	98
40) Benzene	8.252	78	116471	19.856	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.434	41	17285	52.031	ug/l #	25
42) 1,2-Dichloroethane	8.328	62	29897	20.900	ug/l	98
43) Isopropyl Acetate	8.357	43	24262	21.045	ug/l #	81
44) Trichloroethene	9.028	130	32393	20.349	ug/l	93
45) 1,2-Dichloropropane	9.304	63	28654	20.592	ug/l	96
46) Dibromomethane	9.393	93	17205	20.626	ug/l	98
47) Bromodichloromethane	9.587	83	41296	20.797	ug/l	95
48) Methyl methacrylate	9.381	41	10909	19.420	ug/l	97
49) 1,4-Dioxane	9.387	88	3315	429.230	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	66957	111.093	ug/l	98
52) Toluene	10.334	92	75209	19.915	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	36001	19.829	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	42066	19.274	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	24034	21.517	ug/l	92
56) Ethyl methacrylate	10.599	69	22299	19.914	ug/l	96
57) 1,3-Dichloropropane	10.875	76	36358	20.172	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	51880	105.073	ug/l	97
59) 2-Hexanone	10.922	43	48820	109.267	ug/l	99
60) Dibromochloromethane	11.069	129	29045	21.085	ug/l	96
61) 1,2-Dibromoethane	11.181	107	22095	20.440	ug/l	97
64) Tetrachloroethene	10.810	164	25740	19.761	ug/l	97
65) Chlorobenzene	11.610	112	81777	19.882	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	29347	19.482	ug/l	99
67) Ethyl Benzene	11.681	91	132144	18.853	ug/l	99
68) m/p-Xylenes	11.793	106	111846	39.297	ug/l	97
69) o-Xylene	12.122	106	49696	18.872	ug/l	99
70) Styrene	12.134	104	85317	19.303	ug/l	98
71) Bromoform	12.298	173	17334	21.293	ug/l #	93
73) Isopropylbenzene	12.422	105	127382	18.968	ug/l	98
74) N-amyl acetate	12.234	43	22865	20.970	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	27034	21.746	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	29754	37.863	ug/l #	100
77) Bromobenzene	12.704	156	33222	19.948	ug/l	98
78) n-propylbenzene	12.763	91	157183	19.228	ug/l	99
79) 2-Chlorotoluene	12.851	91	84888	18.929	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	108962	19.620	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	8038	21.441	ug/l	95
82) 4-Chlorotoluene	12.945	91	92990	19.605	ug/l	98
83) tert-Butylbenzene	13.169	119	86872	18.142	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	110312	19.711	ug/l	98
85) sec-Butylbenzene	13.345	105	142138	19.615	ug/l	97
86) p-Isopropyltoluene	13.463	119	118119	19.040	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	67896	19.318	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	68236	19.700	ug/l	98
89) n-Butylbenzene	13.787	91	110821	19.780	ug/l	99
90) Hexachloroethane	14.057	117	25038	19.506	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	60089	19.851	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3409	20.498	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	34104	19.305	ug/l	95
94) Hexachlorobutadiene	15.204	225	17138	17.920	ug/l	98
95) Naphthalene	15.334	128	58577	19.072	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	30700	20.088	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

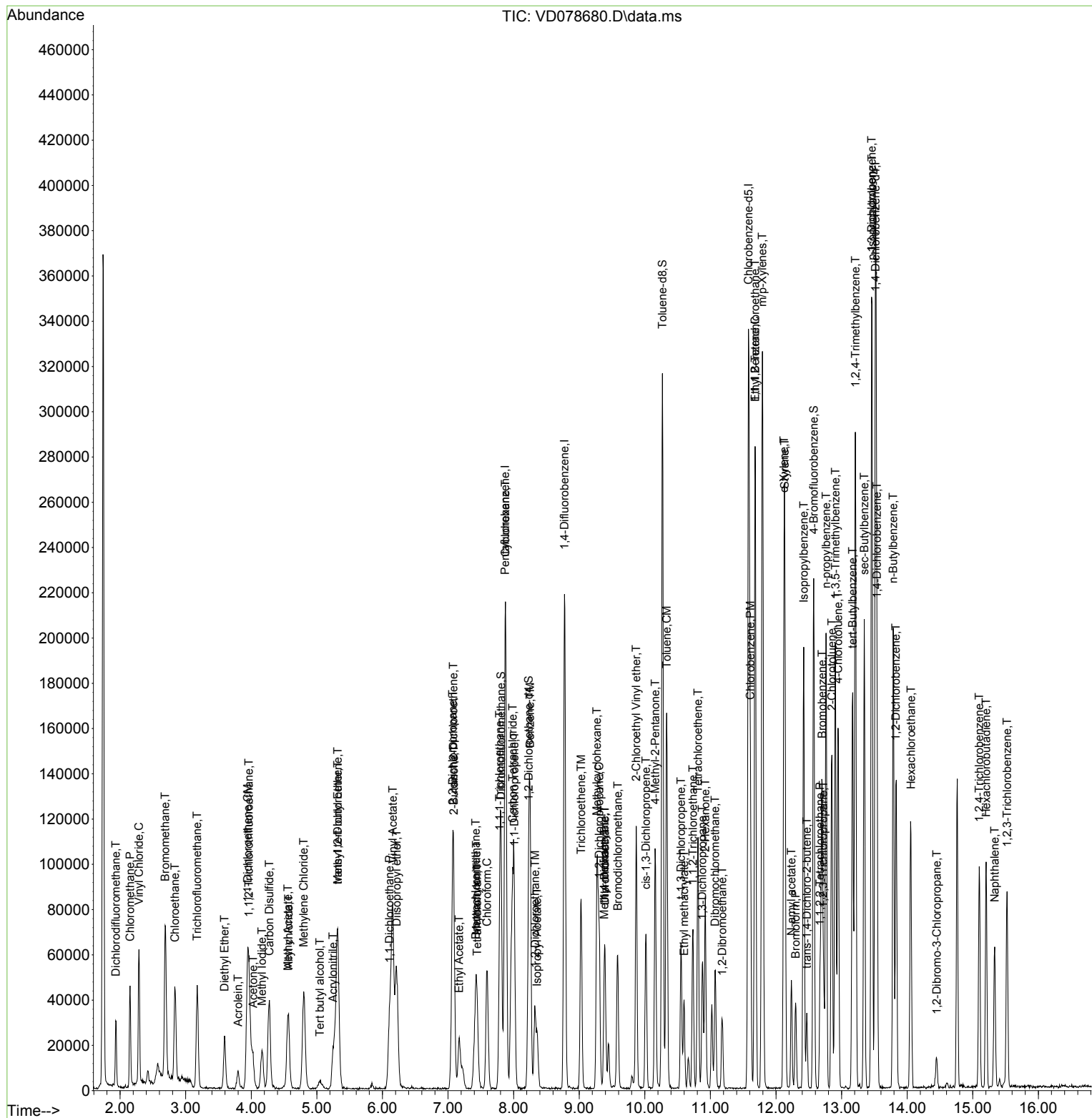
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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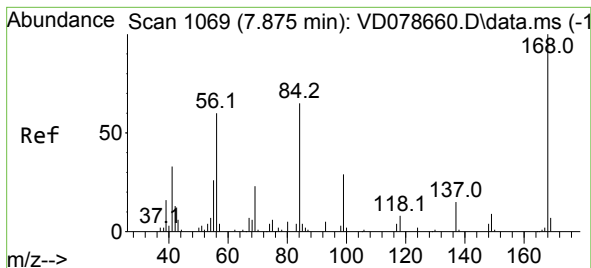
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

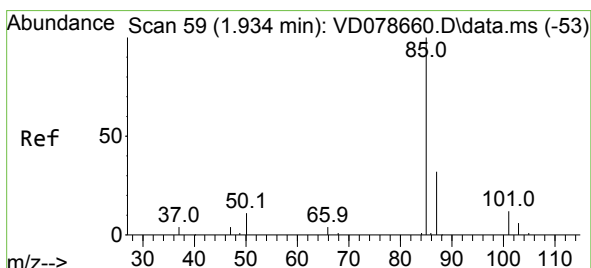
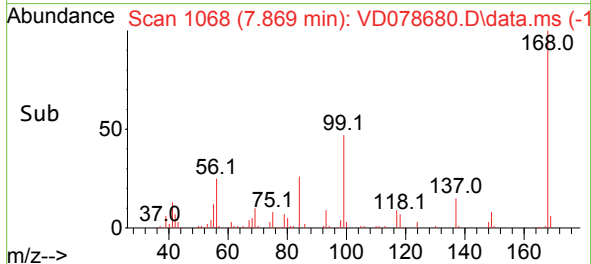
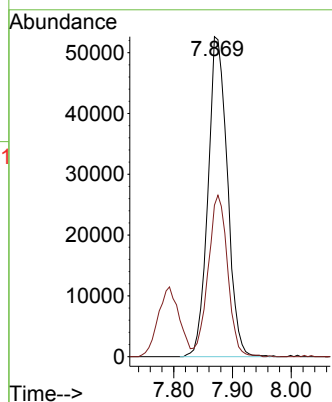
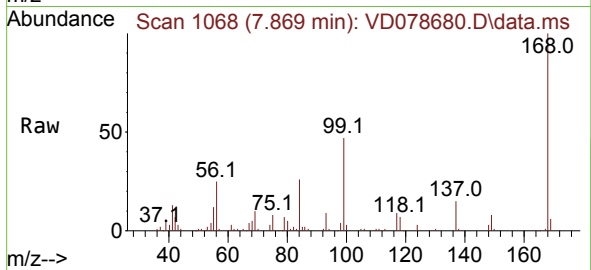
VD0315SBS01

Tgt Ion:168 Resp: 120490

Ion Ratio Lower Upper

168 100

99 47.3 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 19.846 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078680.D

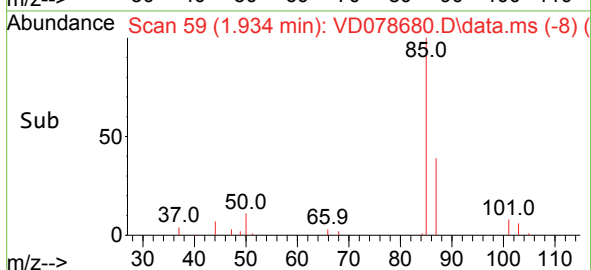
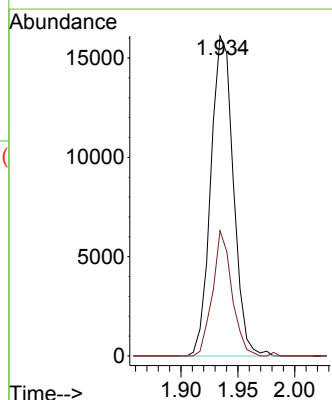
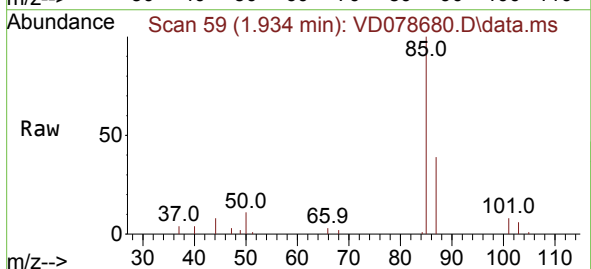
Acq: 15 Mar 2024 11:23

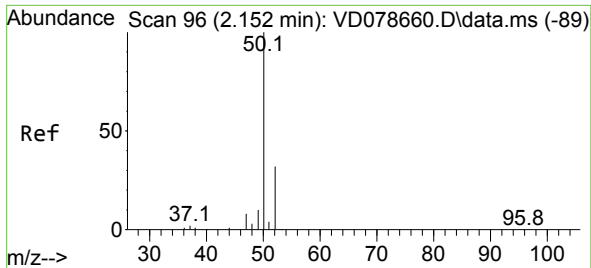
Tgt Ion: 85 Resp: 22256

Ion Ratio Lower Upper

85 100

87 39.2 16.2 48.5

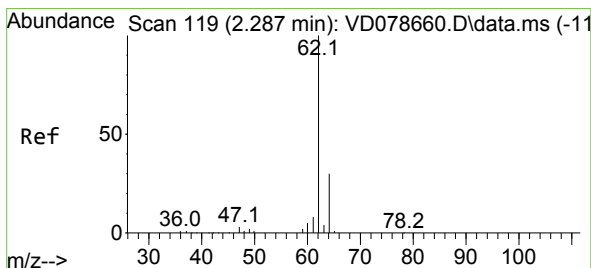
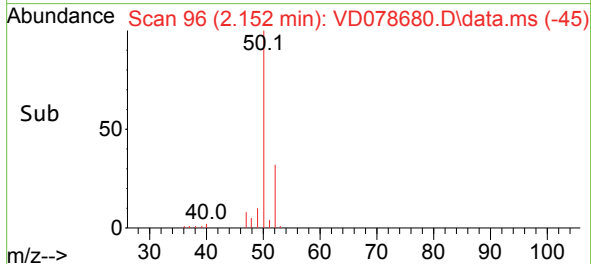
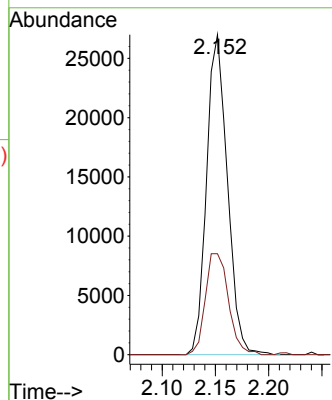
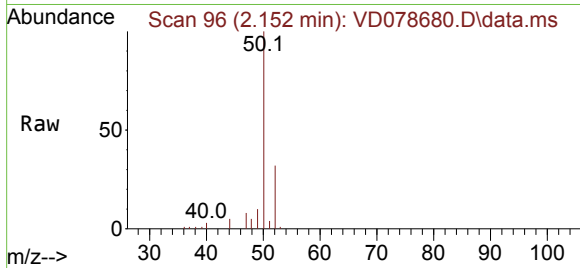




#3
Chloromethane
Concen: 20.726 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

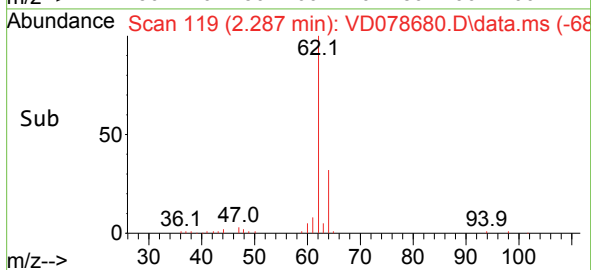
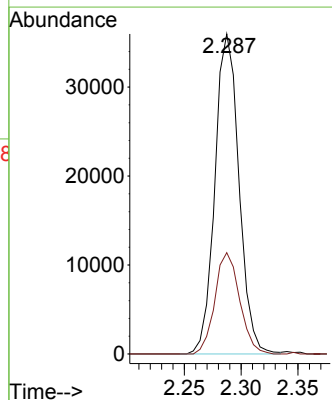
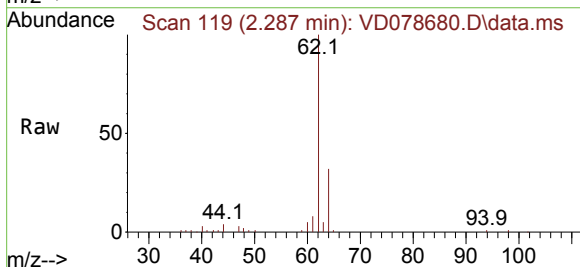
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

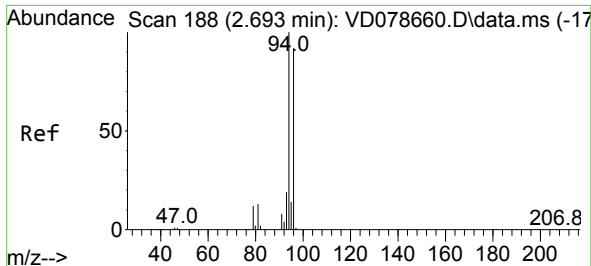
Tgt Ion: 50 Resp: 36699
Ion Ratio Lower Upper
50 100
52 31.6 25.6 38.4



#4
Vinyl Chloride
Concen: 20.307 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 62 Resp: 53042
Ion Ratio Lower Upper
62 100
64 31.7 23.7 35.5

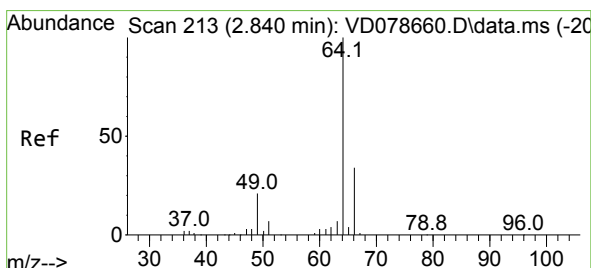
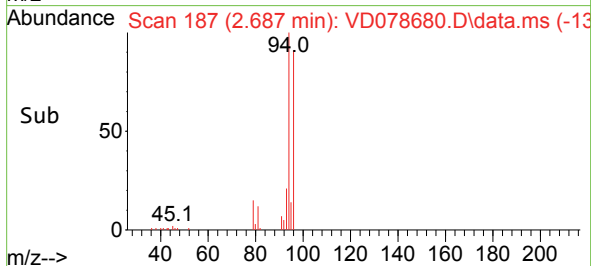
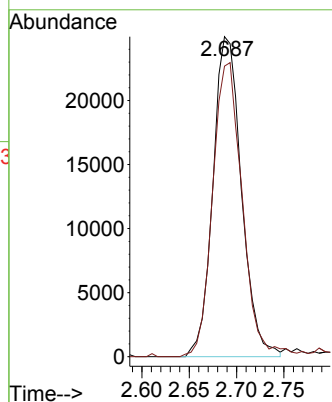
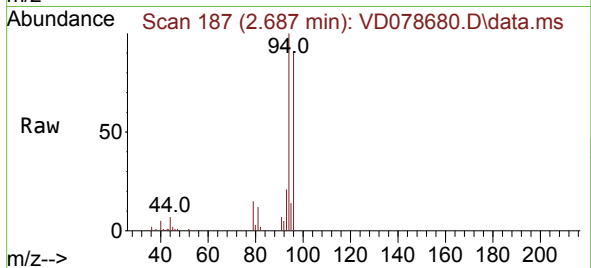




#5
Bromomethane
Concen: 20.896 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

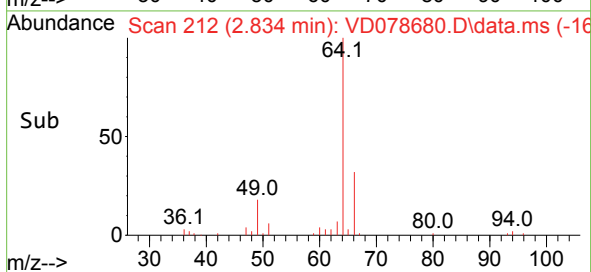
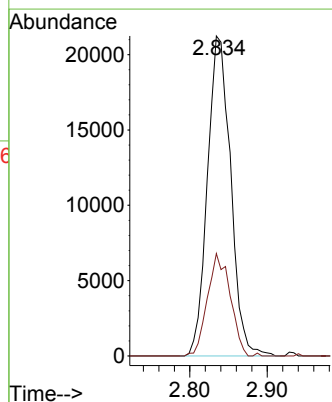
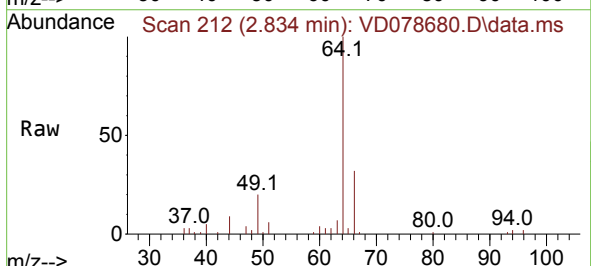
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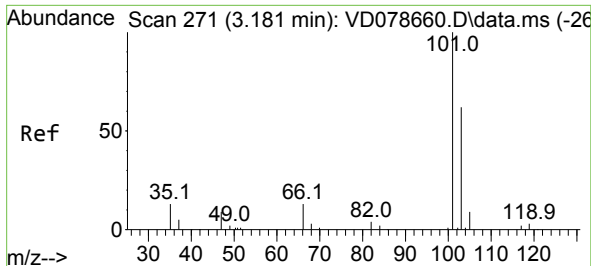
Tgt Ion: 94 Resp: 52258
Ion Ratio Lower Upper
94 100
96 95.5 73.5 110.3



#6
Chloroethane
Concen: 21.673 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 64 Resp: 44148
Ion Ratio Lower Upper
64 100
66 32.0 26.8 40.2

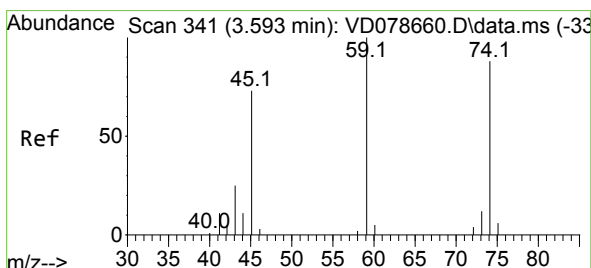
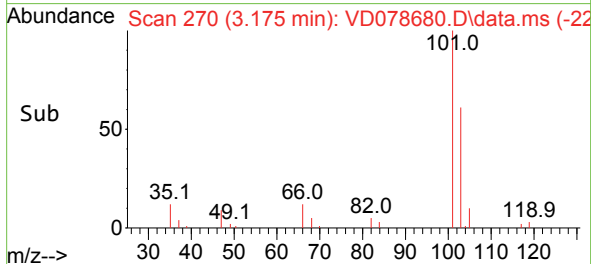
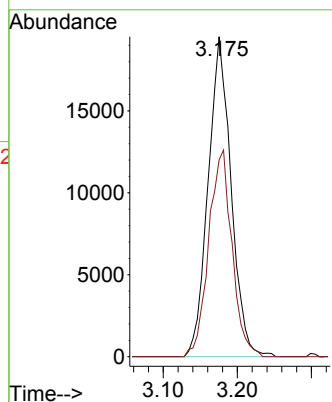
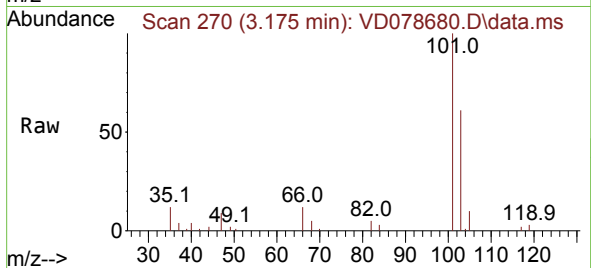




#7
Trichlorofluoromethane
Concen: 20.326 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

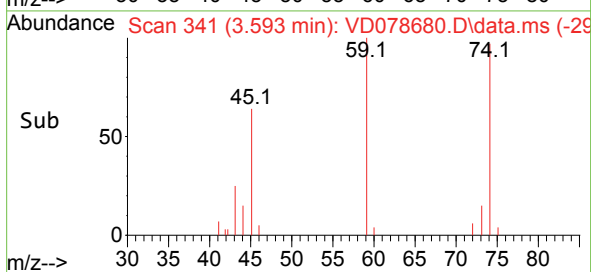
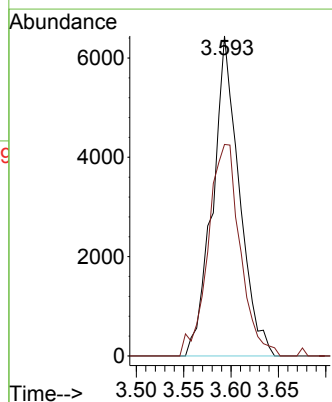
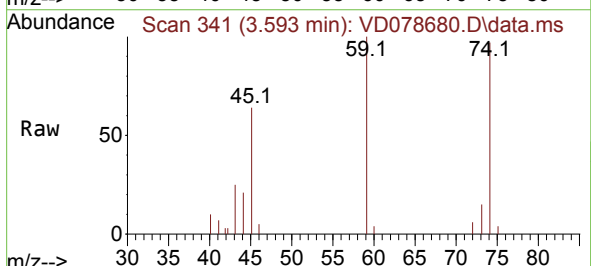
Instrument :
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ClientSampleId :
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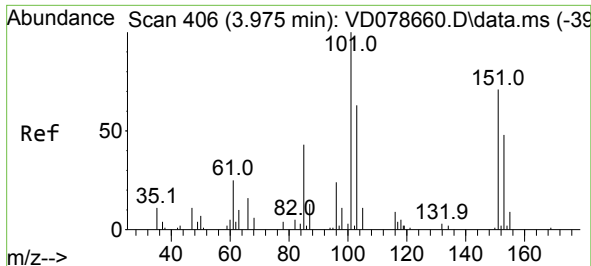
Tgt Ion:101 Resp: 42002
Ion Ratio Lower Upper
101 100
103 61.4 49.7 74.5



#8
Diethyl Ether
Concen: 20.912 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 74 Resp: 12617
Ion Ratio Lower Upper
74 100
45 79.3 42.4 127.3

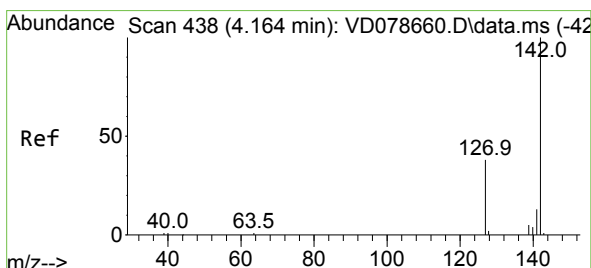
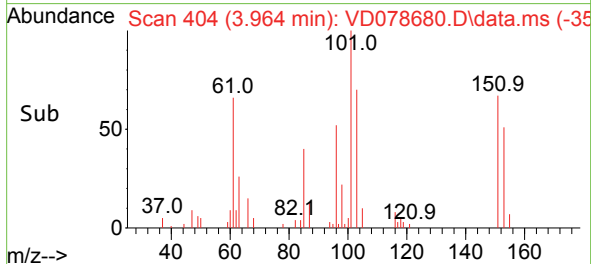
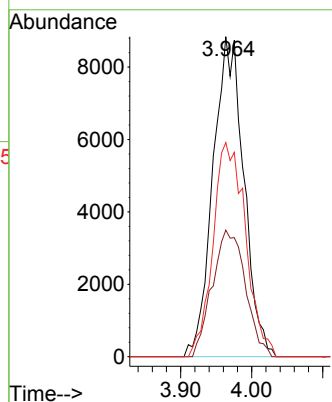
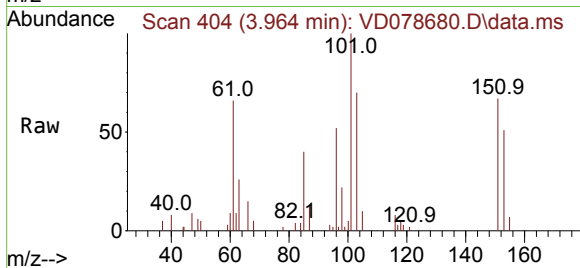




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.504 ug/l
RT: 3.964 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

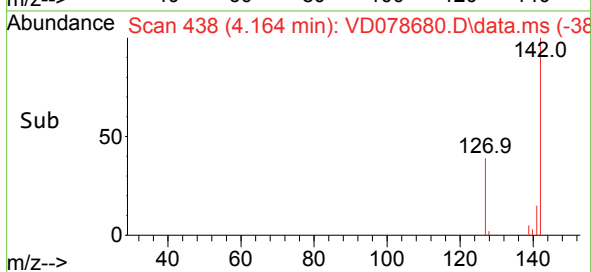
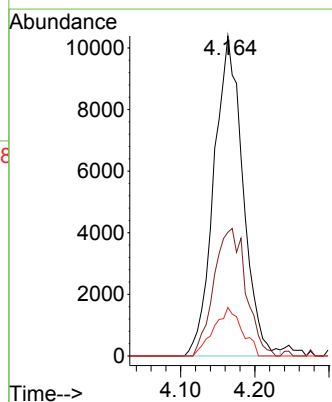
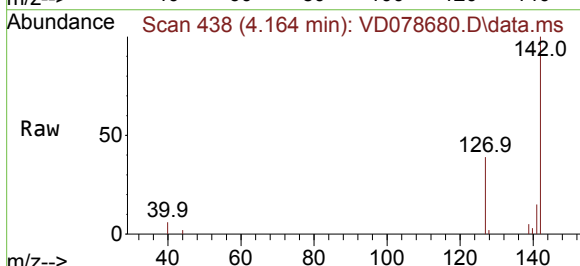
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

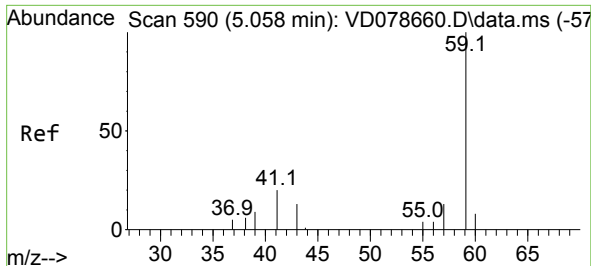
Tgt Ion:101	Resp:	26591
Ion	Ratio	Lower Upper
101	100	
85	42.5	35.8 53.6
151	70.8	59.4 89.2



#10
Methyl Iodide
Concen: 18.369 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion:142	Resp:	28179
Ion	Ratio	Lower Upper
142	100	
127	44.1	33.5 50.3
141	14.8	11.7 17.5

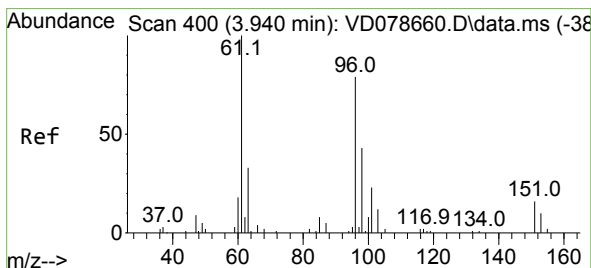
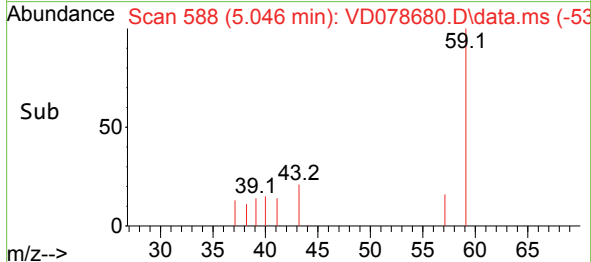
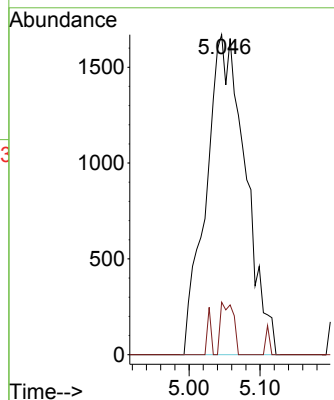
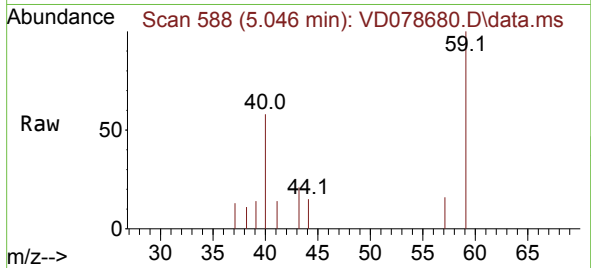




#11
Tert butyl alcohol
Concen: 127.003 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

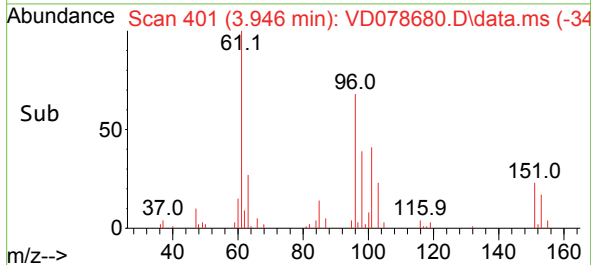
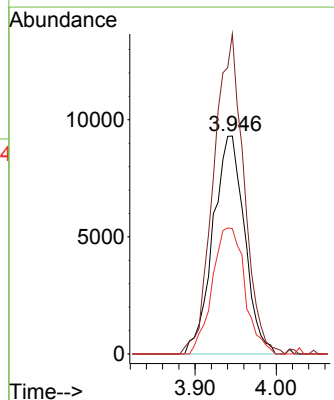
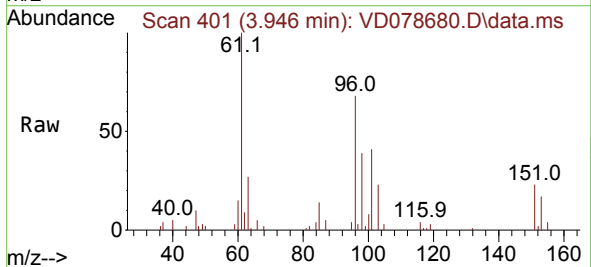
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

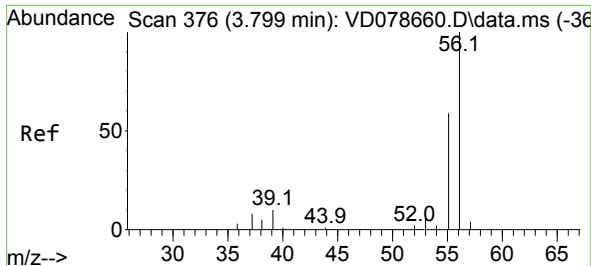
Tgt Ion: 59 Resp: 6418
Ion Ratio Lower Upper
59 100
57 5.3 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 20.418 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 96 Resp: 25172
Ion Ratio Lower Upper
96 100
61 146.8 101.4 152.0
98 57.5 43.4 65.0

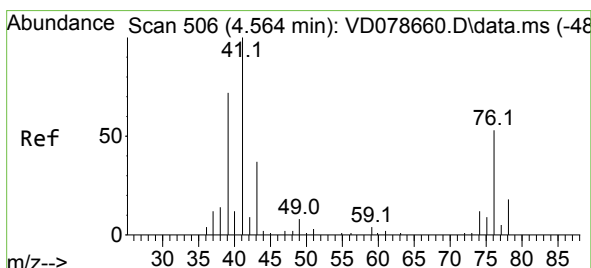
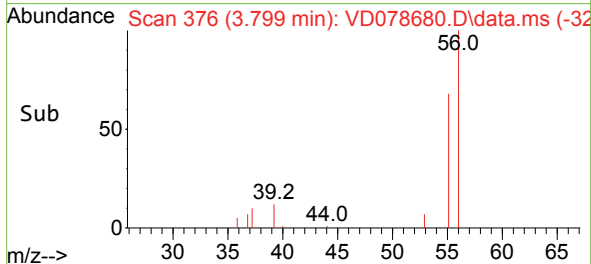
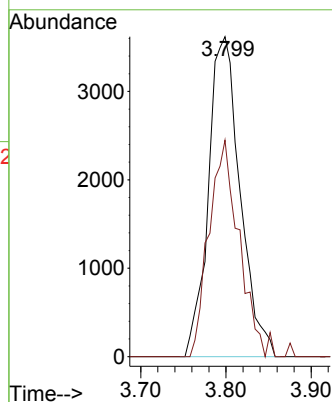
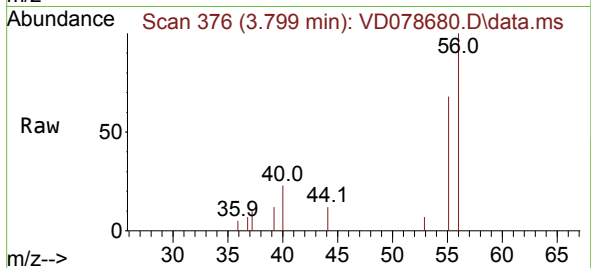




#13
Acrolein
Concen: 118.126 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

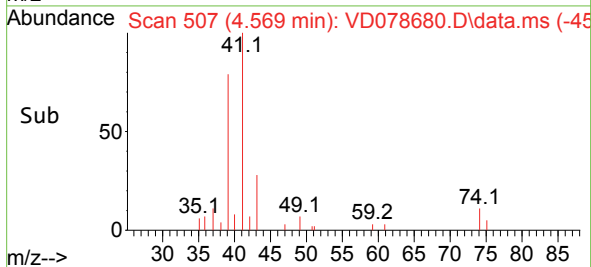
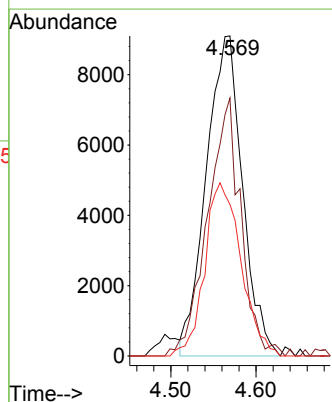
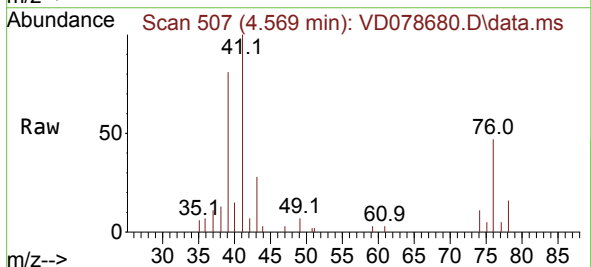
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

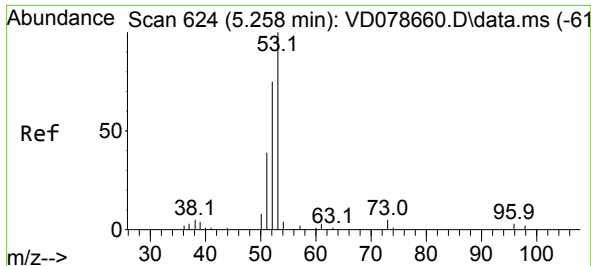
Tgt Ion: 56 Resp: 9351
Ion Ratio Lower Upper
56 100
55 64.6 54.9 82.3



#14
Allyl chloride
Concen: 19.578 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 41 Resp: 26931
Ion Ratio Lower Upper
41 100
39 74.0 57.8 86.6
76 54.3 44.8 67.2

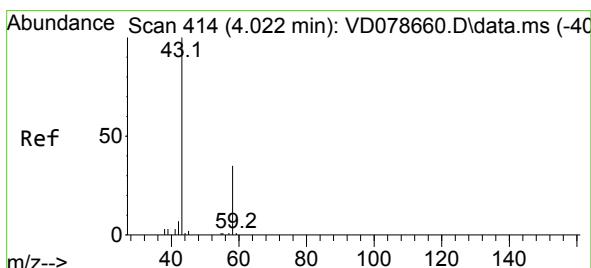
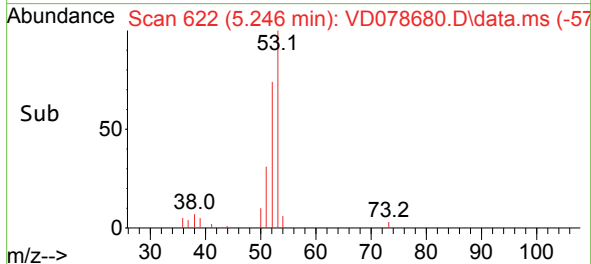
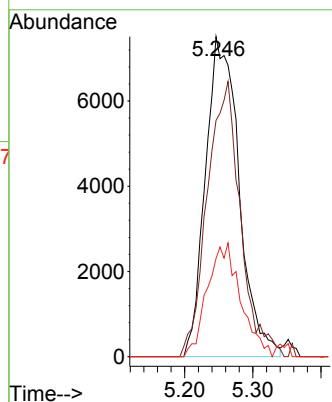
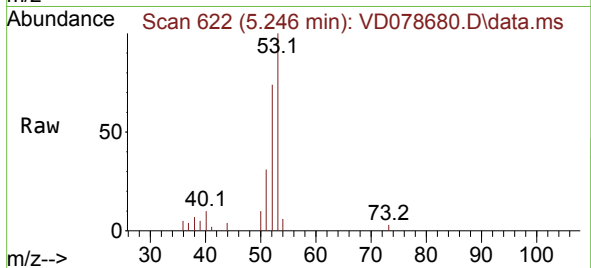




#15
Acrylonitrile
Concen: 105.833 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

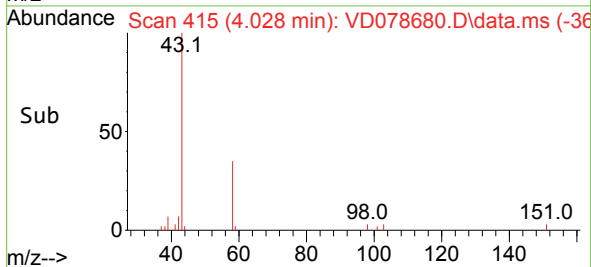
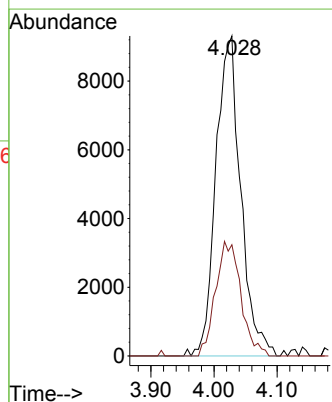
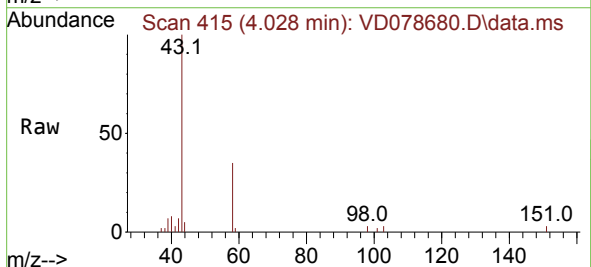
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

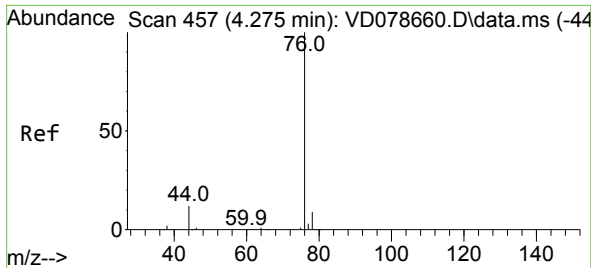
Tgt Ion: 53	Resp:	25740	
Ion	Ratio	Lower	Upper
53	100		
52	84.7	61.9	92.9
51	35.2	29.0	43.4



#16
Acetone
Concen: 116.709 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 43	Resp:	25484	
Ion	Ratio	Lower	Upper
43	100		
58	34.7	28.2	42.4

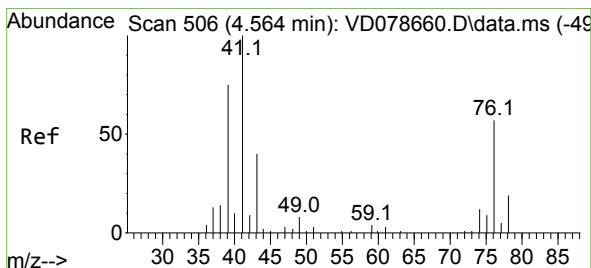
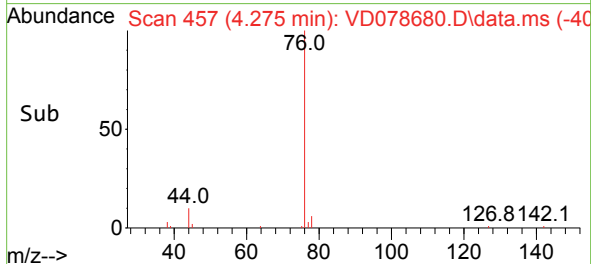
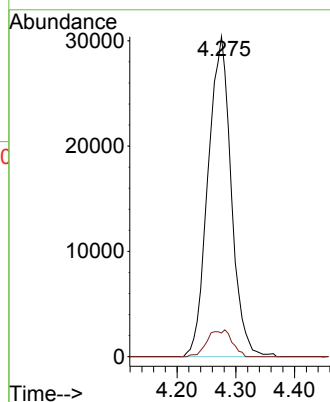
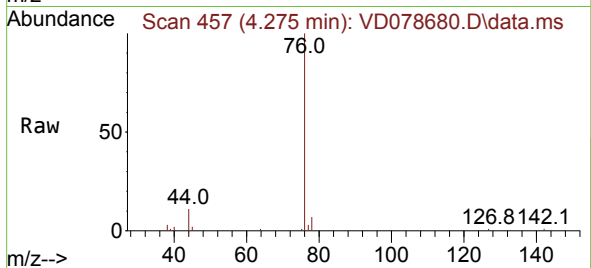




#17
Carbon Disulfide
Concen: 20.623 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

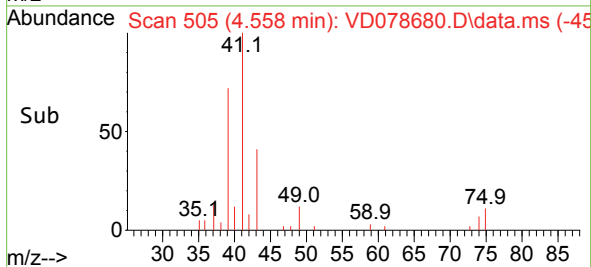
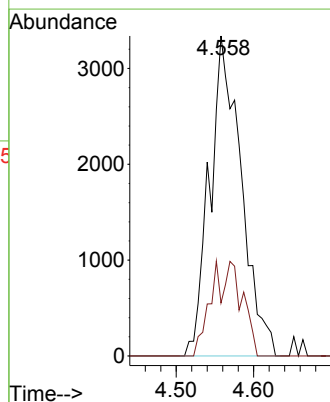
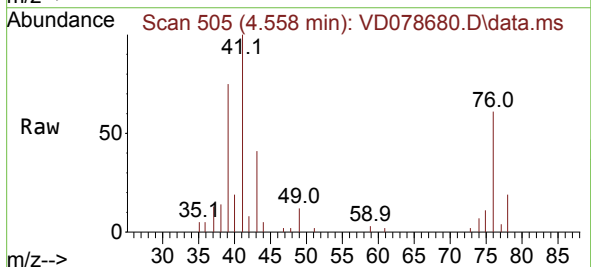
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

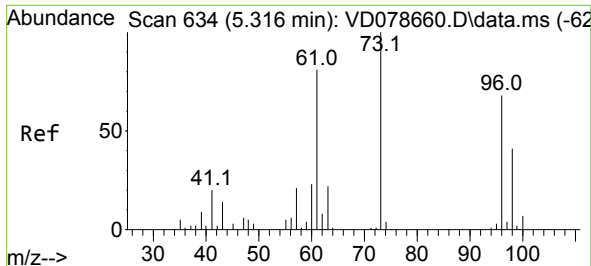
Tgt Ion: 76 Resp: 83348
Ion Ratio Lower Upper
76 100
78 7.4 7.3 10.9



#18
Methyl Acetate
Concen: 20.143 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 43 Resp: 9439
Ion Ratio Lower Upper
43 100
74 11.5 25.3 37.9#





#19

Methyl tert-butyl Ether

Concen: 21.247 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

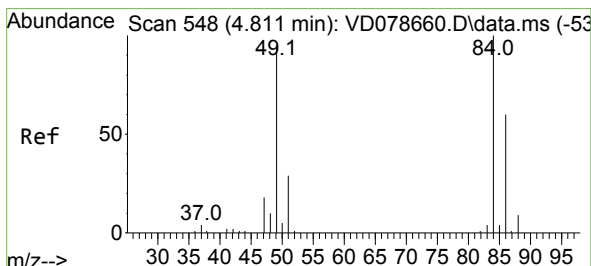
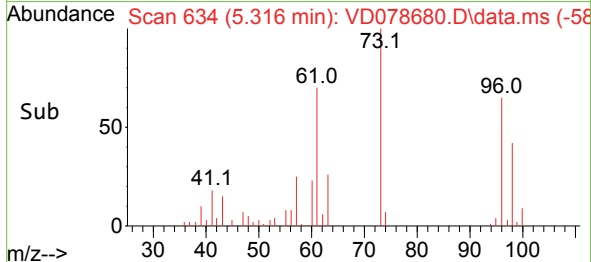
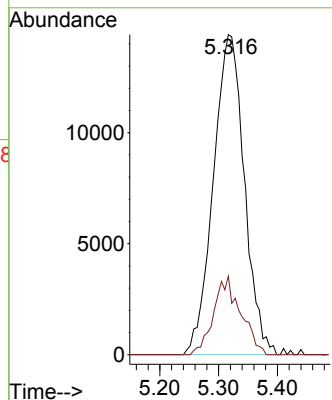
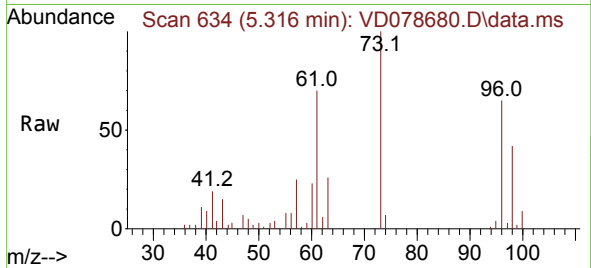
VD0315SBS01

Tgt Ion: 73 Resp: 52823

Ion Ratio Lower Upper

73 100

57 24.5 16.4 24.6



#20

Methylene Chloride

Concen: 20.492 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.012 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Tgt Ion: 84 Resp: 34786

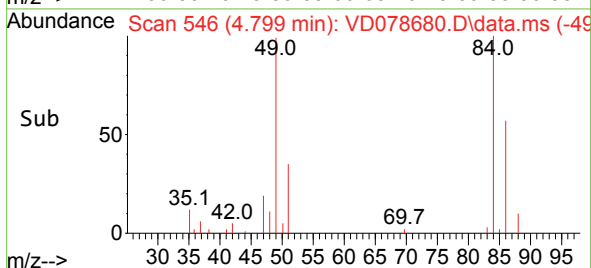
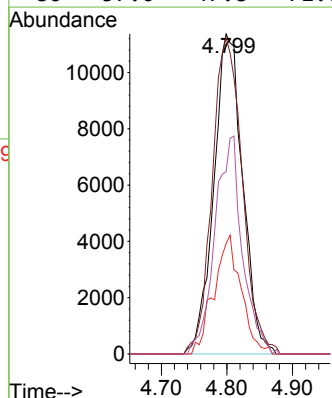
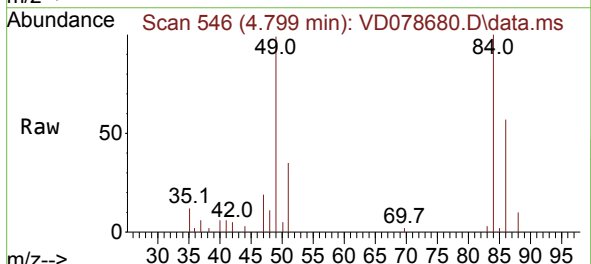
Ion Ratio Lower Upper

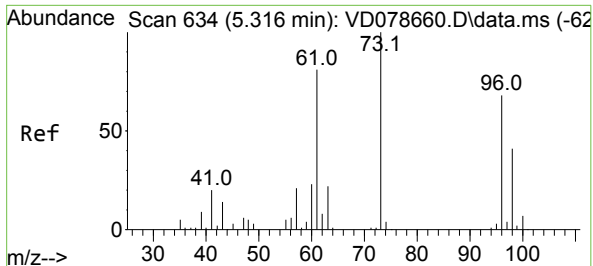
84 100

49 98.8 75.6 113.4

51 34.6 23.4 35.0

86 57.0 47.8 71.6

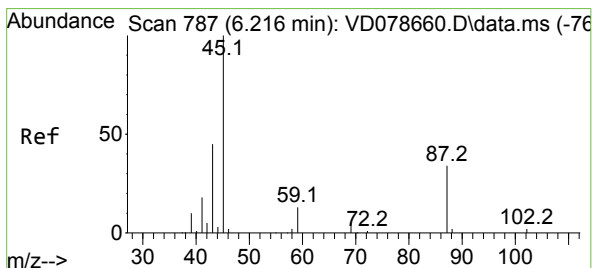
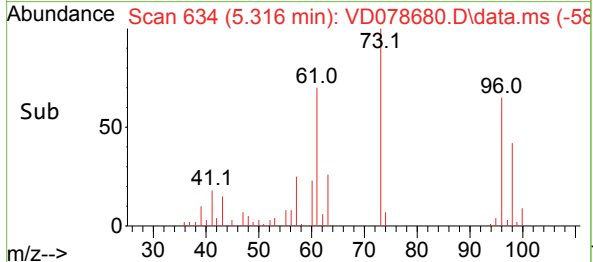
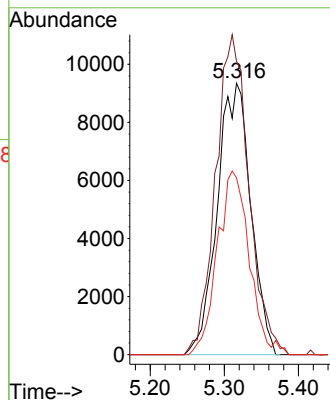
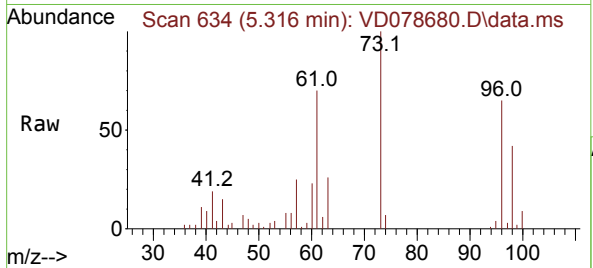




#21
trans-1,2-Dichloroethene
Concen: 20.209 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

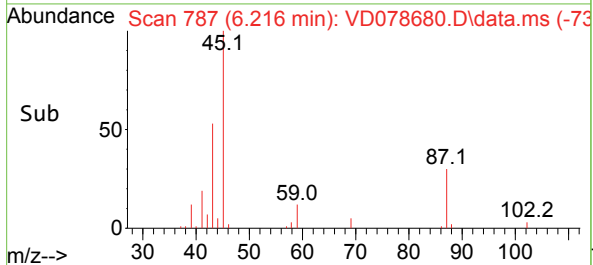
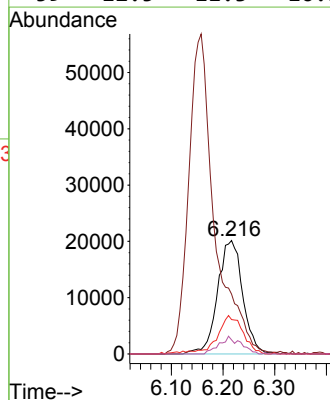
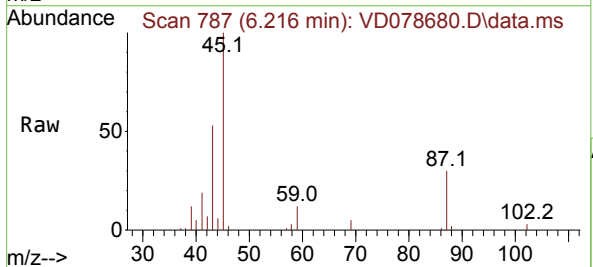
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

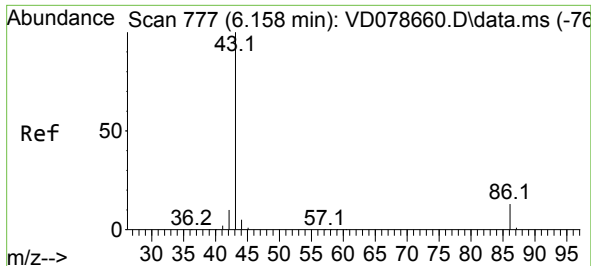
Tgt Ion: 96 Resp: 29398
Ion Ratio Lower Upper
96 100
61 108.0 96.1 144.1
98 65.1 48.9 73.3



#22
Diisopropyl ether
Concen: 21.764 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 45 Resp: 68068
Ion Ratio Lower Upper
45 100
43 50.4 44.3 66.5
87 30.3 28.3 42.5
59 12.5 11.3 16.9

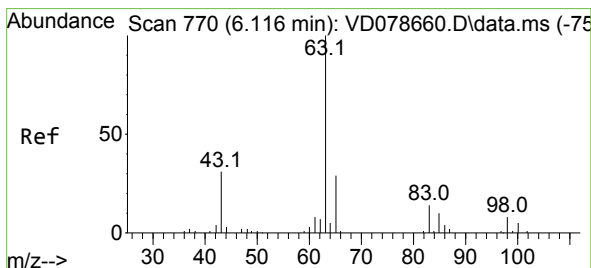
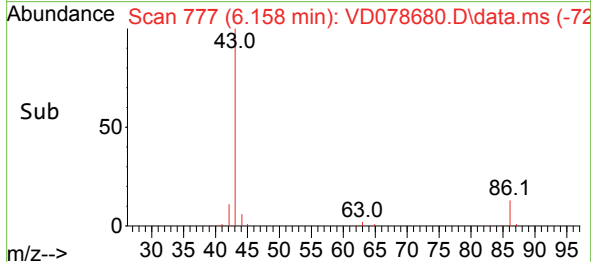
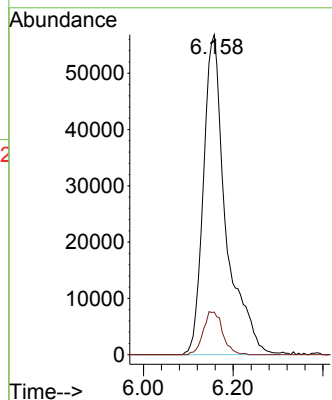
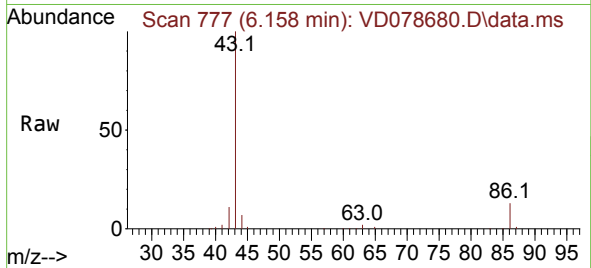




#23
 Vinyl Acetate
 Concen: 108.239 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078680.D
 Acq: 15 Mar 2024 11:23

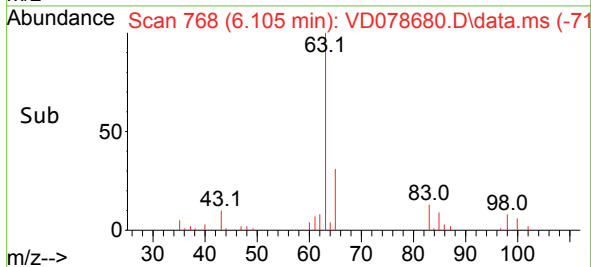
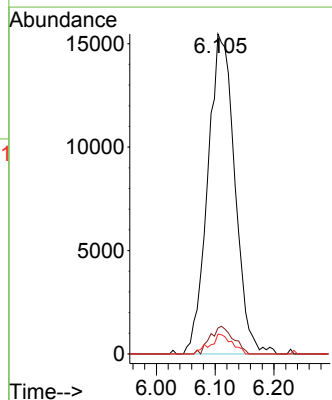
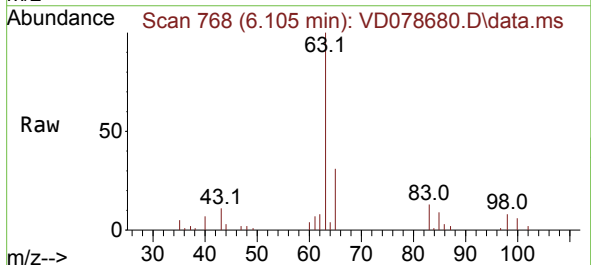
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01

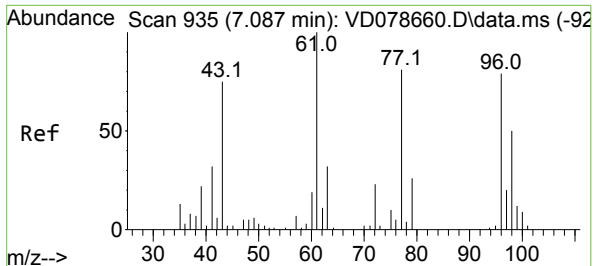
Tgt Ion: 43 Resp: 198014
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 21.105 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD078680.D
 Acq: 15 Mar 2024 11:23

Tgt Ion: 63 Resp: 49488
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 11.9
 100 6.2 2.7 8.1

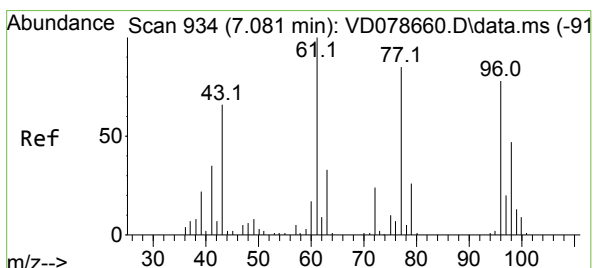
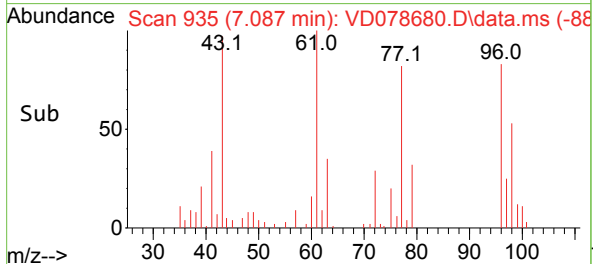
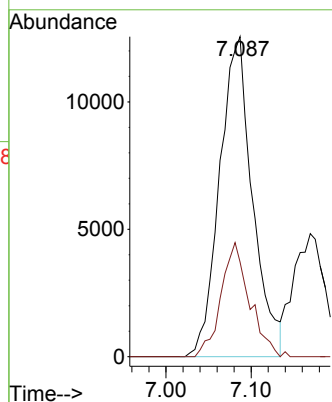
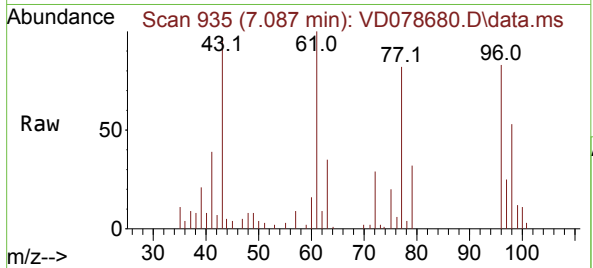




#25
2-Butanone
Concen: 116.123 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

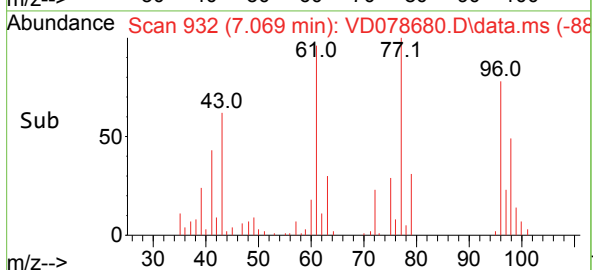
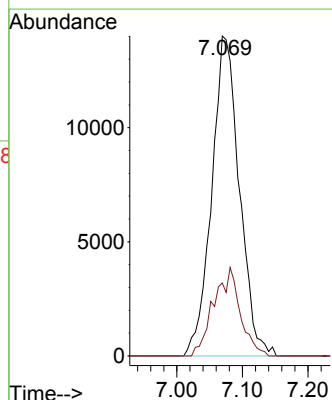
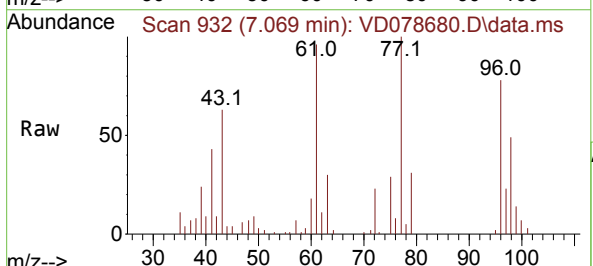
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

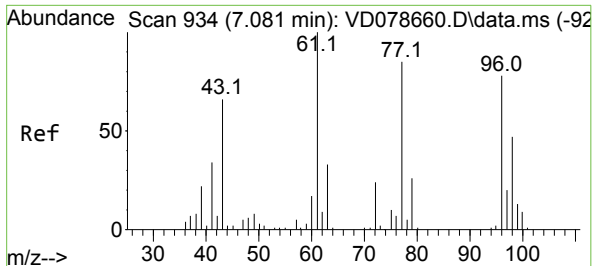
Tgt Ion: 43 Resp: 33711
Ion Ratio Lower Upper
43 100
72 29.6 25.0 37.6



#26
2,2-Dichloropropane
Concen: 20.692 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 77 Resp: 41049
Ion Ratio Lower Upper
77 100
97 26.5 12.4 37.0

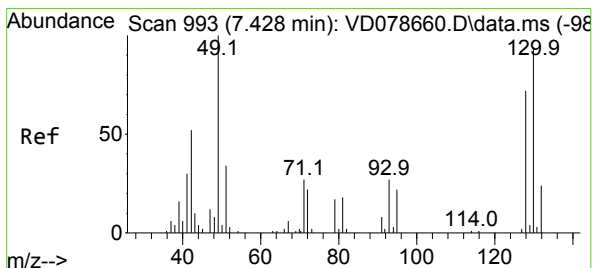
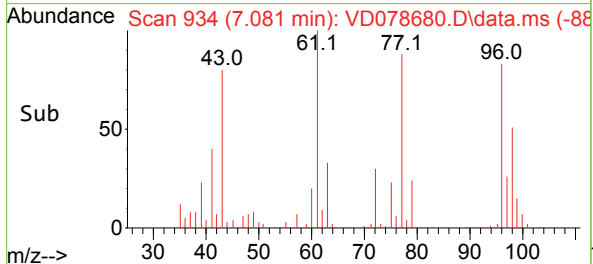
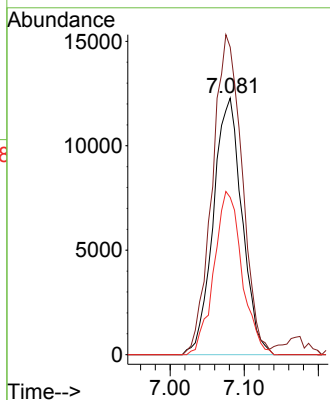
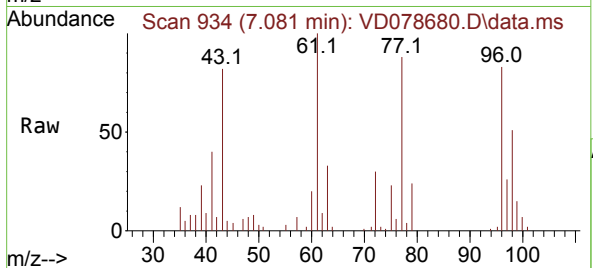




#27
 cis-1,2-Dichloroethene
 Concen: 19.971 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078680.D
 Acq: 15 Mar 2024 11:23

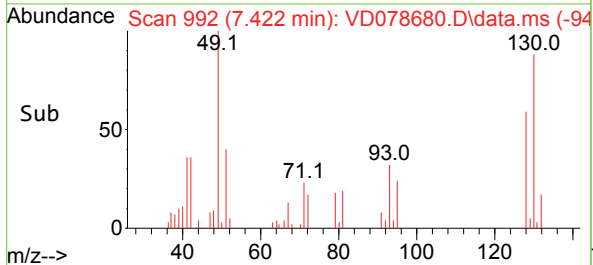
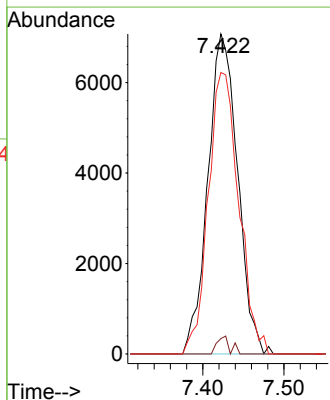
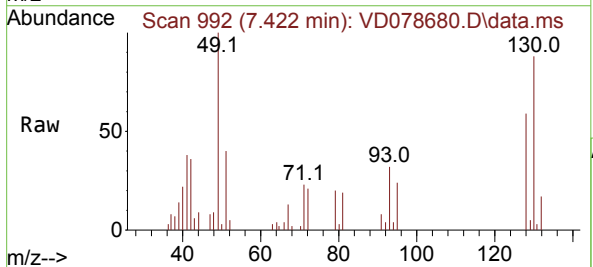
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01

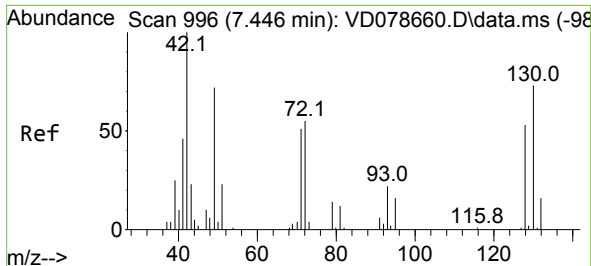
Tgt Ion: 96	Resp: 33135
Ion Ratio	Lower Upper
96 100	
61 129.3	0.0 245.0
98 61.8	0.0 126.6



#28
 Bromochloromethane
 Concen: 21.568 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078680.D
 Acq: 15 Mar 2024 11:23

Tgt Ion: 49	Resp: 18030		
Ion Ratio	Lower	Upper	
49 100			
129 2.4	0.0	6.2	
130 90.2	77.1	115.7	





#29

Tetrahydrofuran

Concen: 108.747 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

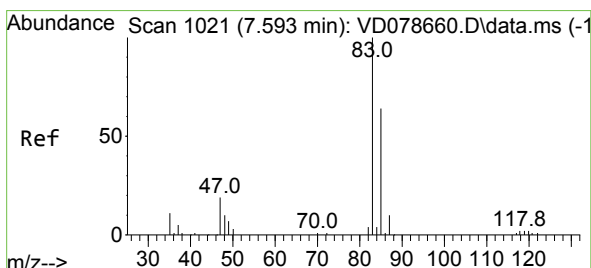
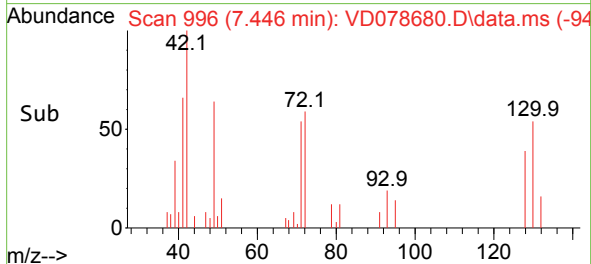
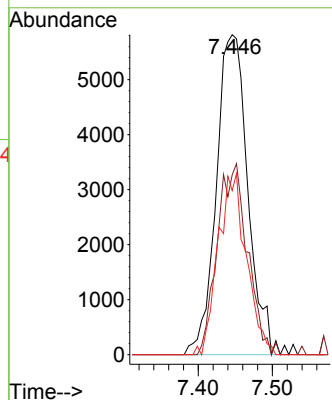
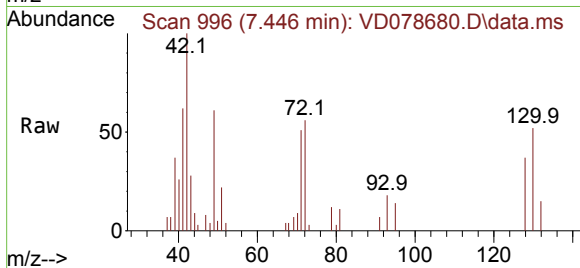
Tgt Ion: 42 Resp: 17171

Ion Ratio Lower Upper

42 100

72 57.3 43.8 65.6

71 51.0 42.0 63.0



#30

Chloroform

Concen: 20.796 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD078680.D

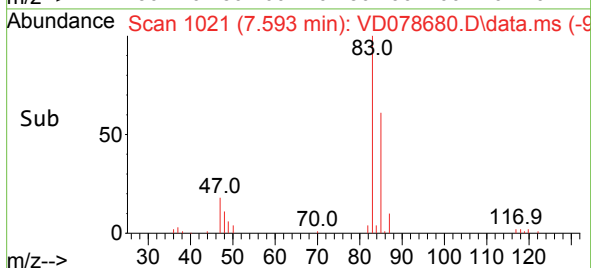
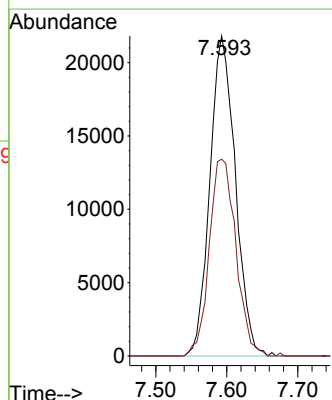
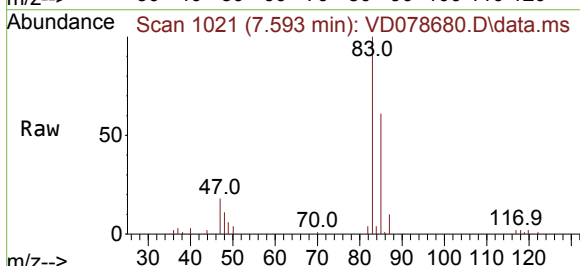
Acq: 15 Mar 2024 11:23

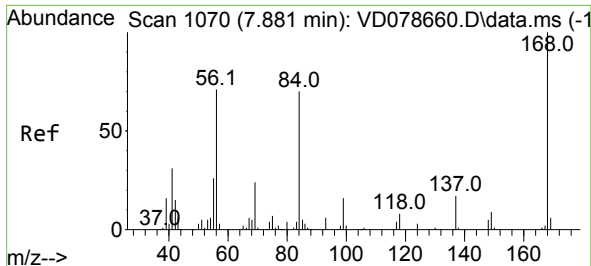
Tgt Ion: 83 Resp: 54370

Ion Ratio Lower Upper

83 100

85 61.5 51.2 76.8

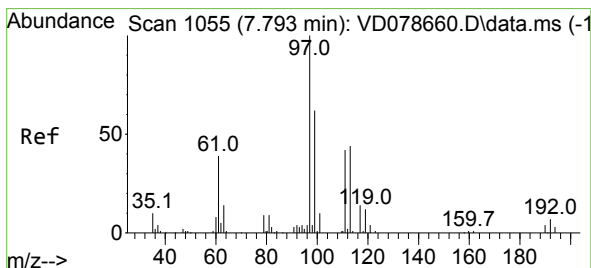
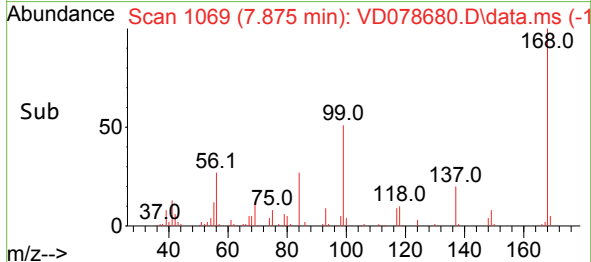
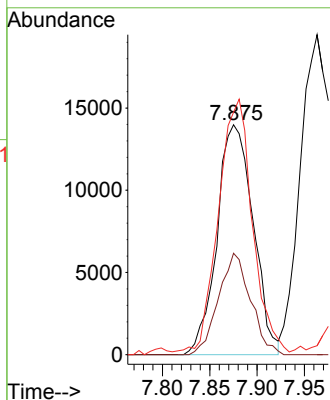
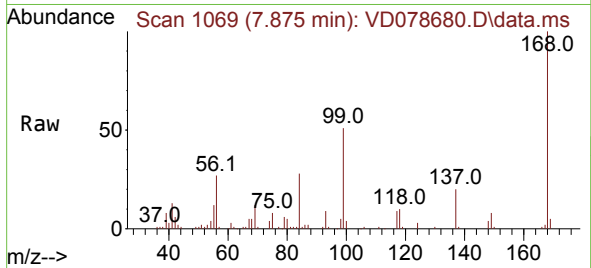




#31
Cyclohexane
Concen: 19.578 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

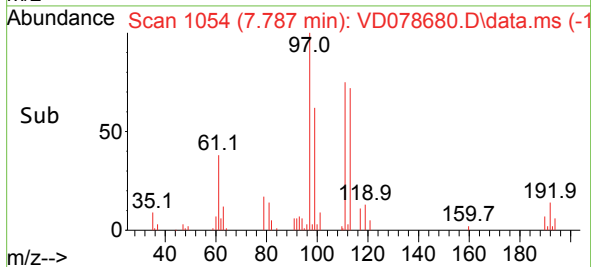
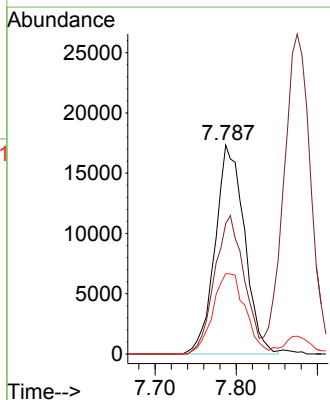
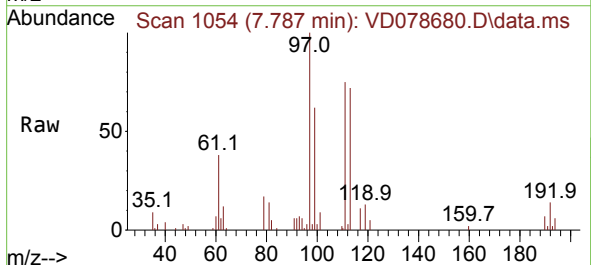
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

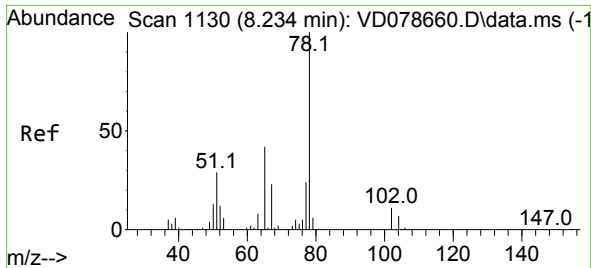
Tgt Ion: 56 Resp: 37158
Ion Ratio Lower Upper
56 100
69 44.1 26.6 40.0#
84 103.8 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 19.573 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 97 Resp: 43416
Ion Ratio Lower Upper
97 100
99 66.4 50.8 76.2
61 42.3 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 48.381 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

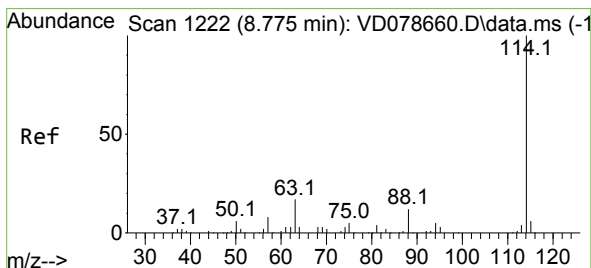
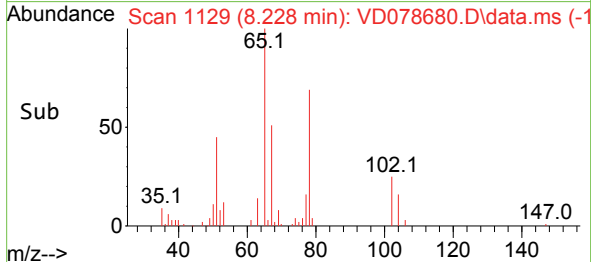
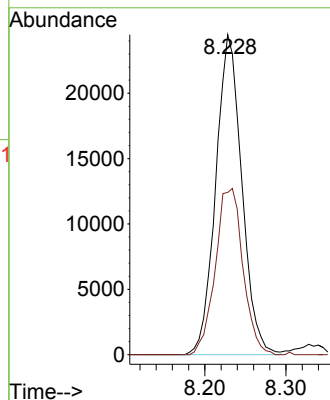
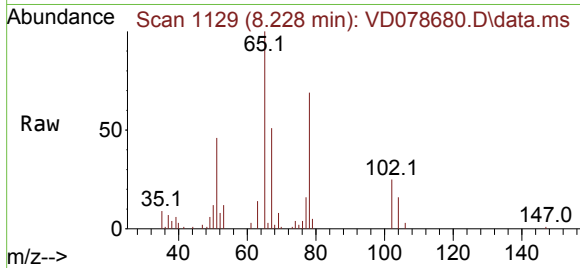
VD0315SBS01

Tgt Ion: 65 Resp: 54631

Ion Ratio Lower Upper

65 100

67 55.1 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: VD078680.D

Acq: 15 Mar 2024 11:23

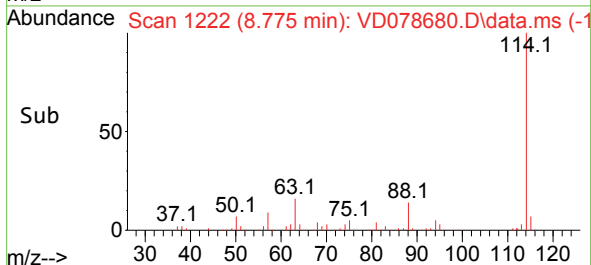
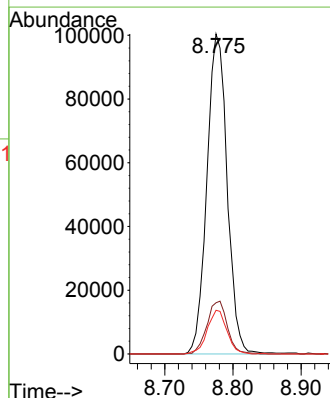
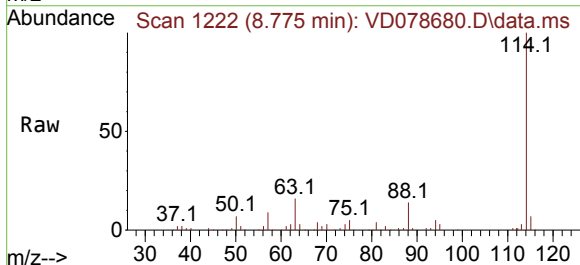
Tgt Ion:114 Resp: 207720

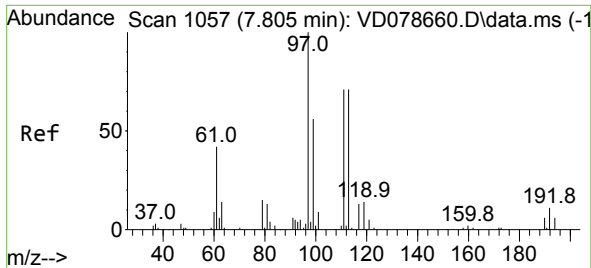
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.4

88 13.7 0.0 24.6

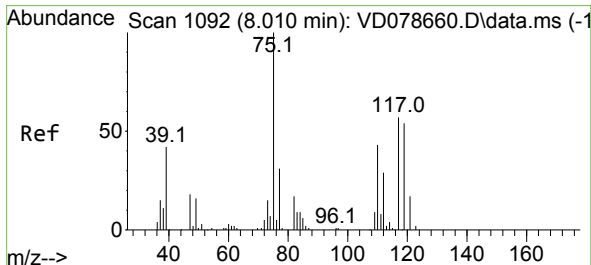
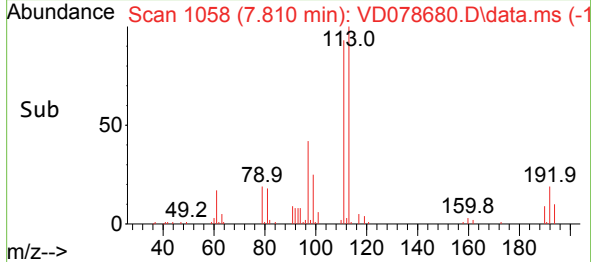
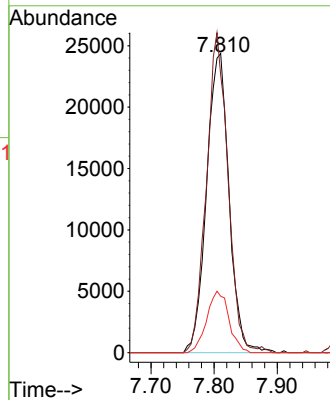
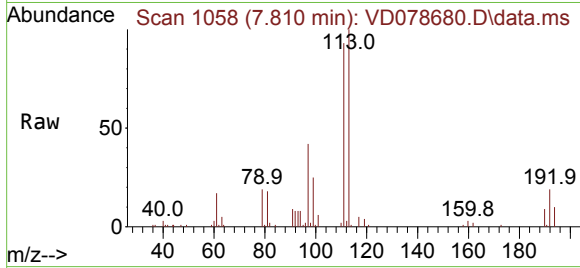




#35
Dibromofluoromethane
Concen: 45.141 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

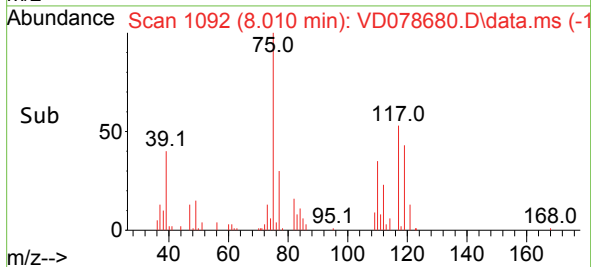
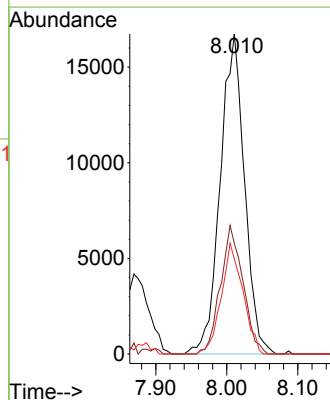
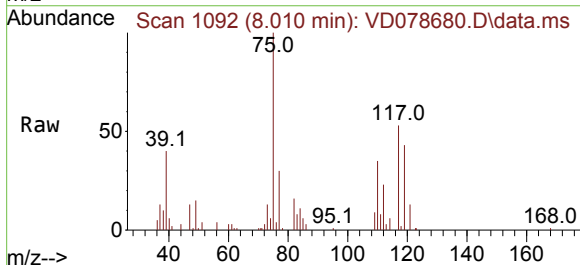
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

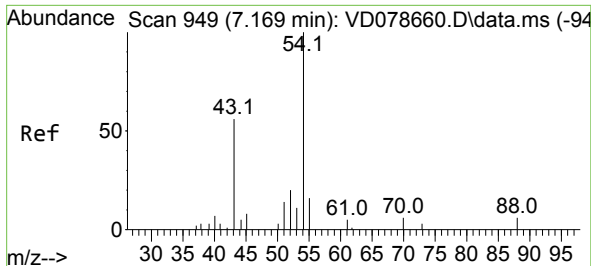
Tgt Ion:113 Resp: 60372
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.3 15.4 23.0



#36
1,1-Dichloropropene
Concen: 20.434 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 75 Resp: 39651
Ion Ratio Lower Upper
75 100
110 37.2 19.1 57.1
77 30.9 25.4 38.2





#37

Ethyl Acetate

Concen: 19.764 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

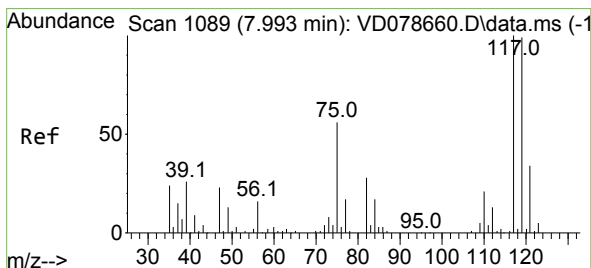
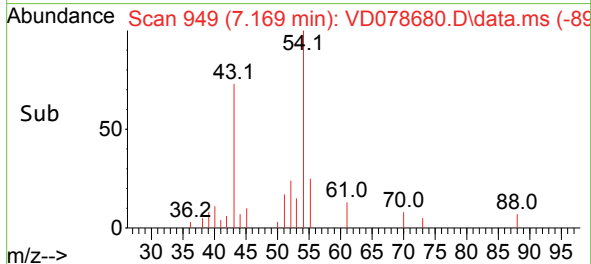
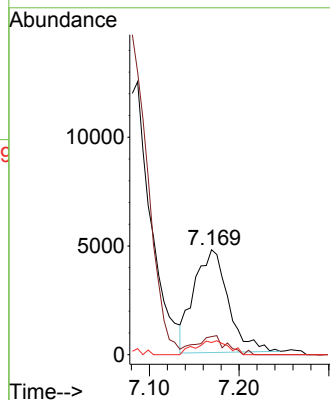
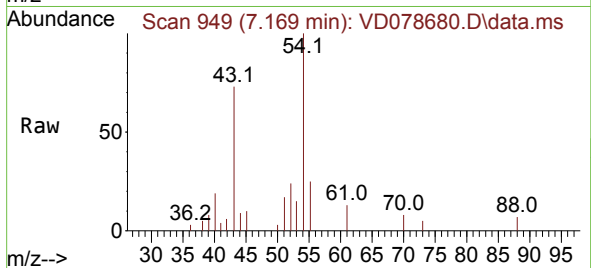
Tgt Ion: 43 Resp: 12529

Ion Ratio Lower Upper

43 100

61 15.4 14.6 21.8

70 13.0 9.4 14.0



#38

Carbon Tetrachloride

Concen: 20.250 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

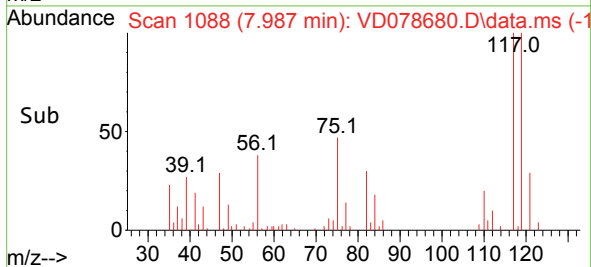
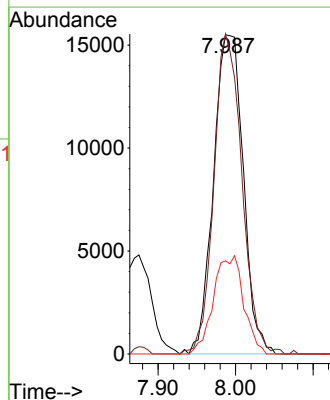
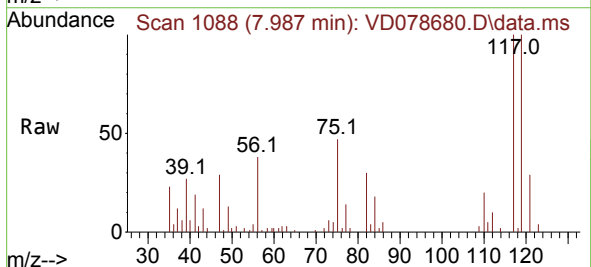
Tgt Ion: 117 Resp: 41425

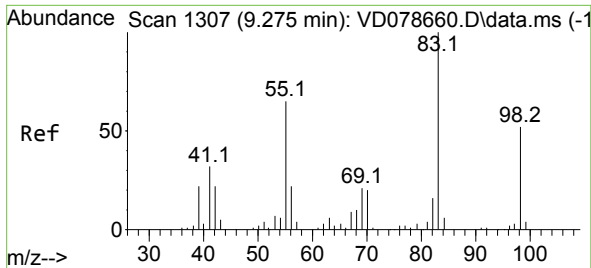
Ion Ratio Lower Upper

117 100

119 100.2 79.2 118.8

121 29.2 26.8 40.2

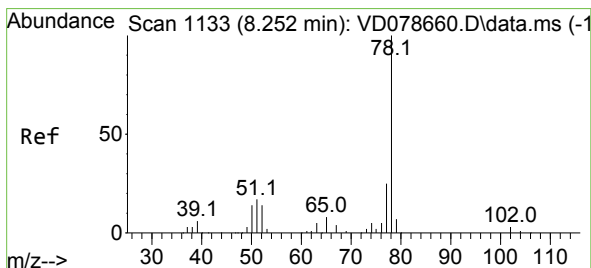
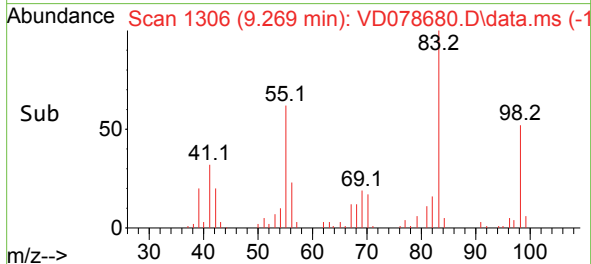
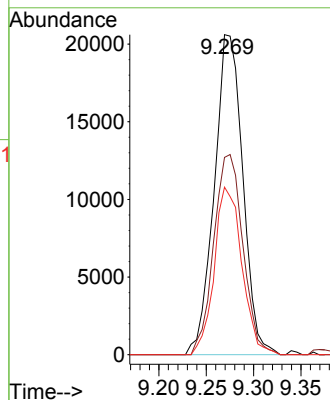
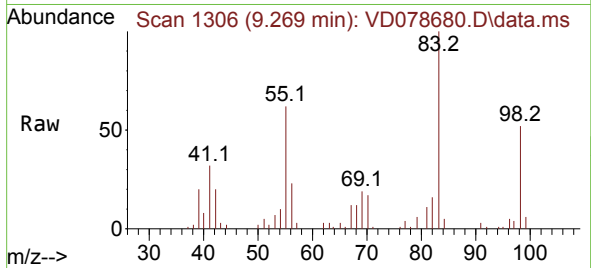




#39
Methylcyclohexane
Concen: 19.173 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

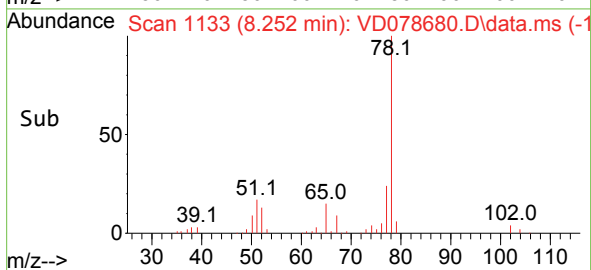
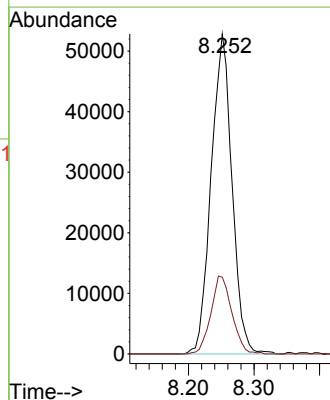
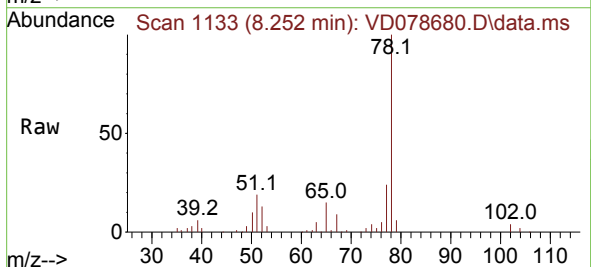
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

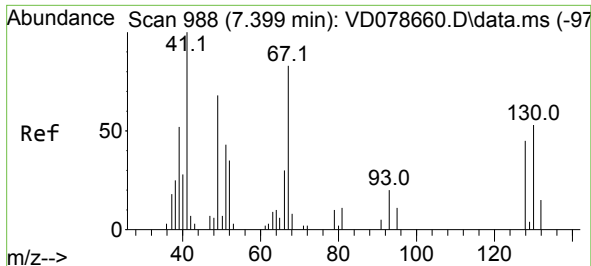
Tgt Ion: 83 Resp: 43158
Ion Ratio Lower Upper
83 100
55 61.7 51.7 77.5
98 52.3 41.4 62.0



#40
Benzene
Concen: 19.856 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

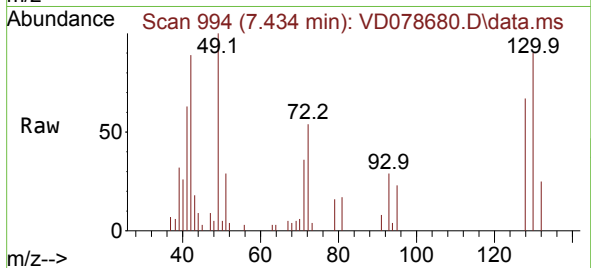
Tgt Ion: 78 Resp: 116471
Ion Ratio Lower Upper
78 100
77 24.0 20.4 30.6



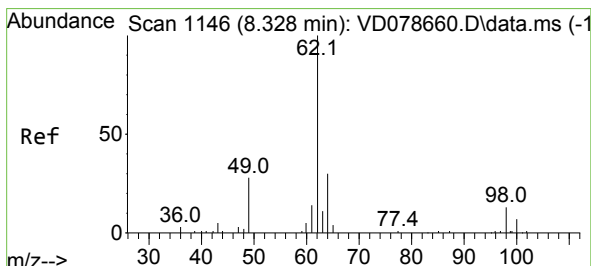
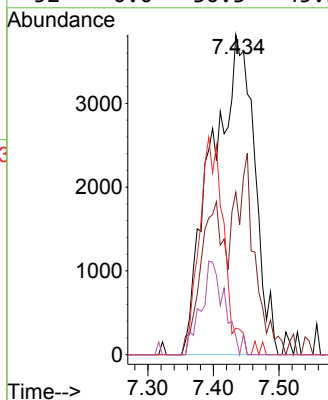
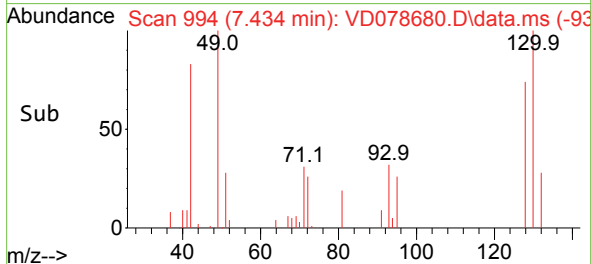


#41
Methacrylonitrile
Concen: 52.031 ug/l
RT: 7.434 min Scan# 994
Delta R.T. 0.035 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

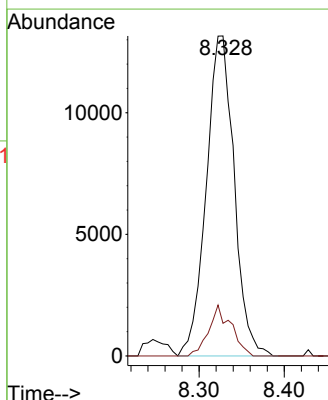
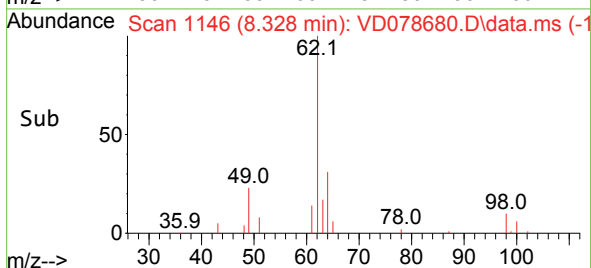
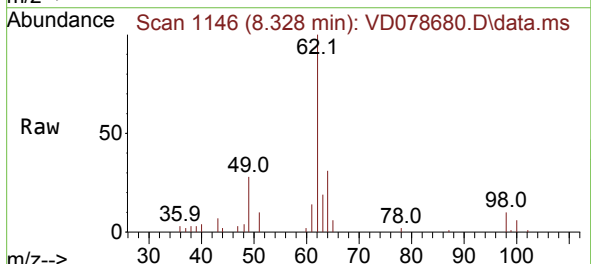


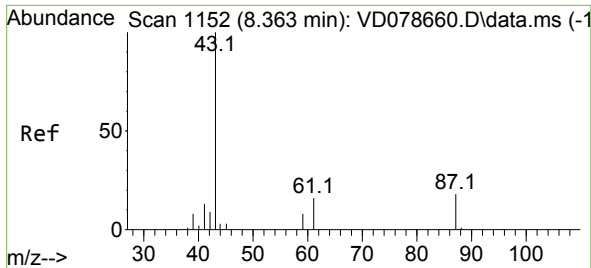
Tgt Ion:	41	Resp:	17285
Ion	Ratio	Lower	Upper
41	100		
39	30.1	39.8	59.6#
67	0.0	83.5	125.3#
52	0.0	30.3	45.5#



#42
1,2-Dichloroethane
Concen: 20.900 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion:	62	Resp:	29897
Ion	Ratio	Lower	Upper
62	100		
98	12.8	0.0	23.8

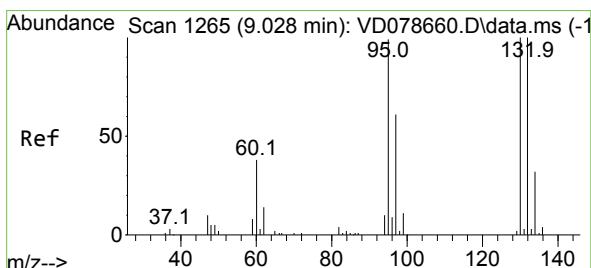
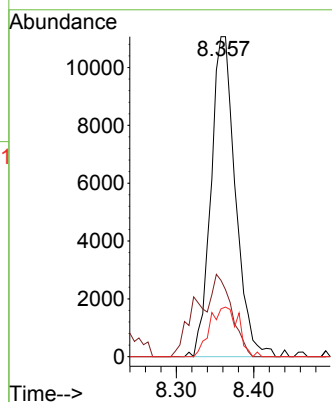
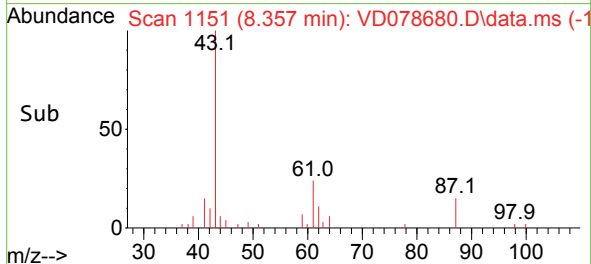
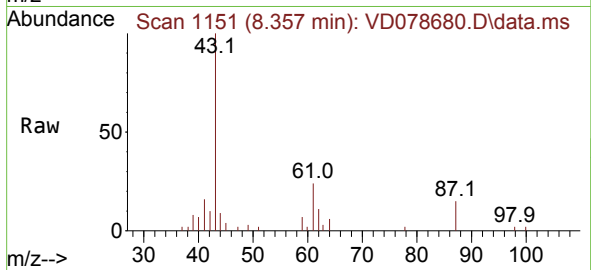




#43
Isopropyl Acetate
Concen: 21.045 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

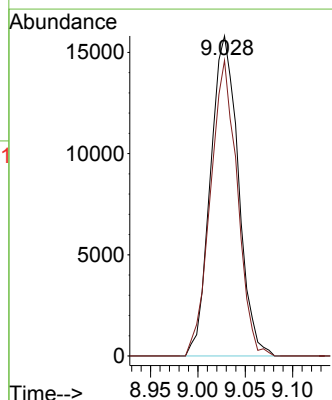
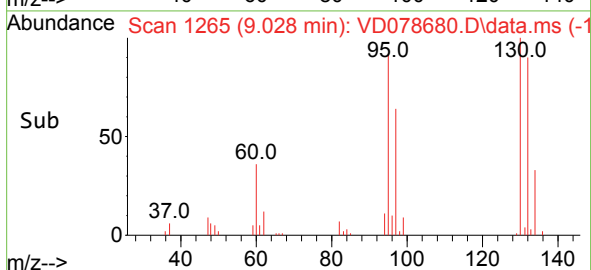
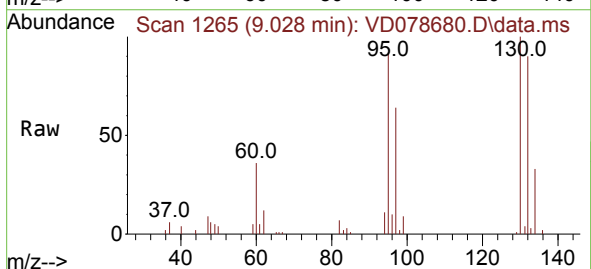
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

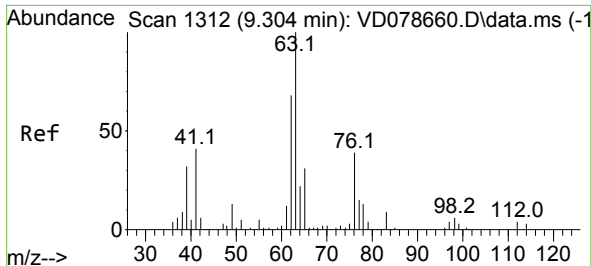
Tgt Ion: 43 Resp: 24262
Ion Ratio Lower Upper
43 100
61 21.1 30.1 45.1#
87 18.2 14.4 21.6



#44
Trichloroethene
Concen: 20.349 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion:130 Resp: 32393
Ion Ratio Lower Upper
130 100
95 92.4 0.0 197.8

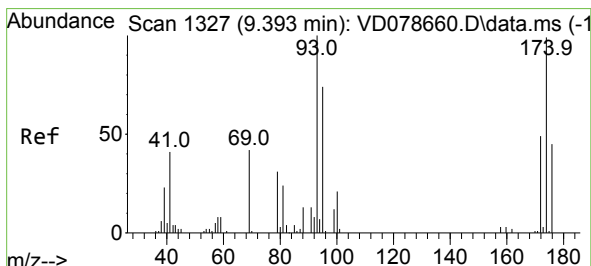
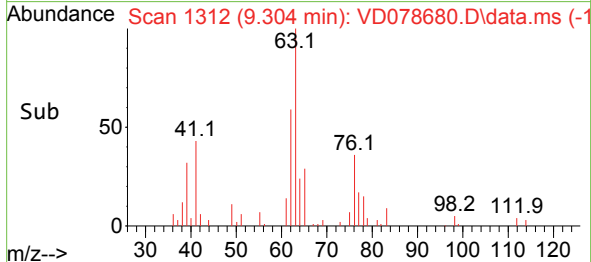
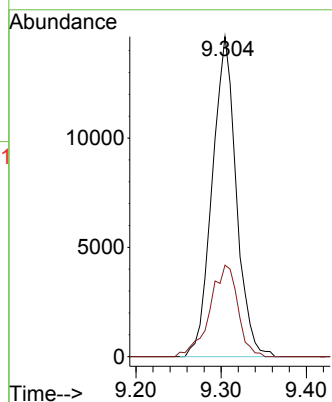
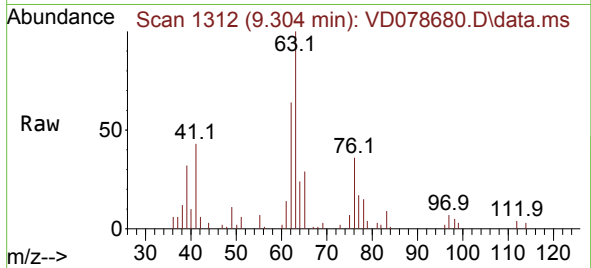




#45
1,2-Dichloropropane
Concen: 20.592 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

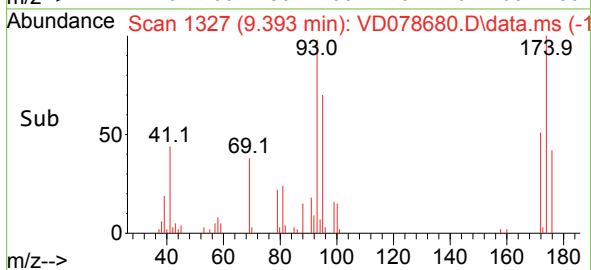
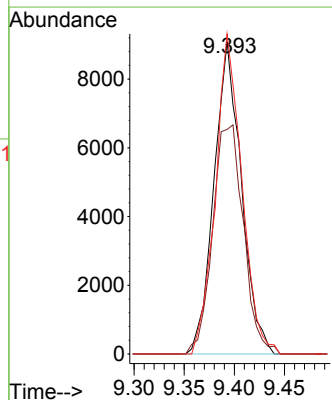
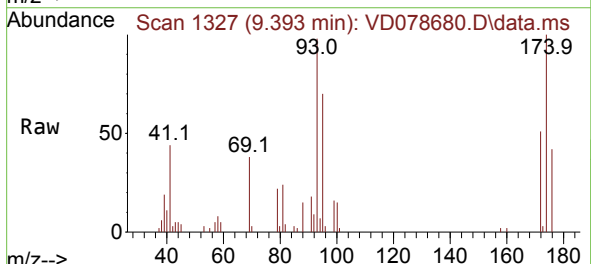
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

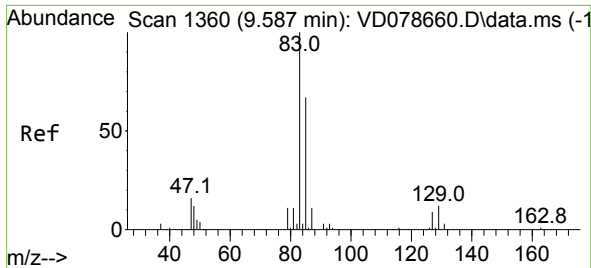
Tgt Ion: 63 Resp: 28654
Ion Ratio Lower Upper
63 100
65 28.6 24.8 37.2



#46
Dibromomethane
Concen: 20.626 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 93 Resp: 17205
Ion Ratio Lower Upper
93 100
95 82.6 67.3 100.9
174 99.3 80.9 121.3

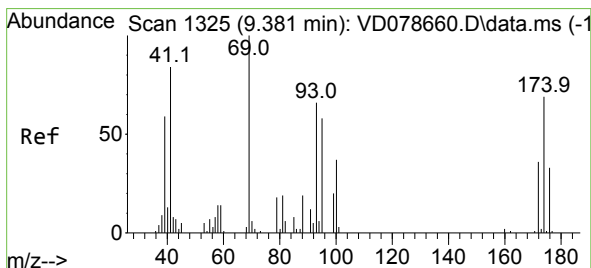
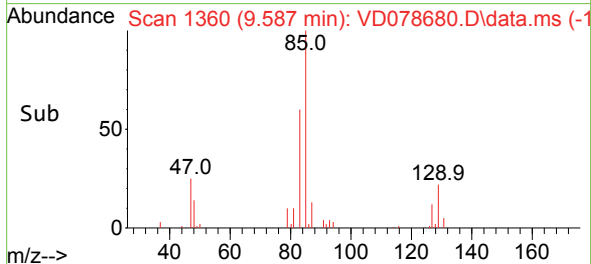
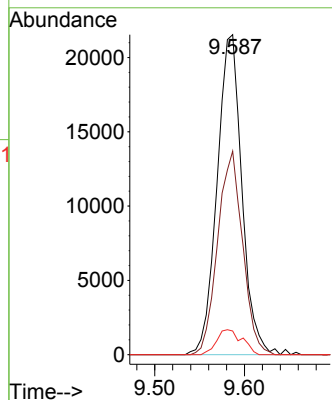
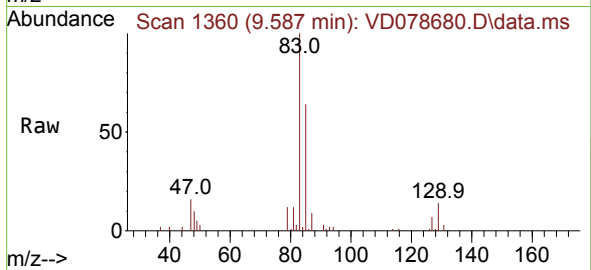




#47
Bromodichloromethane
Concen: 20.797 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

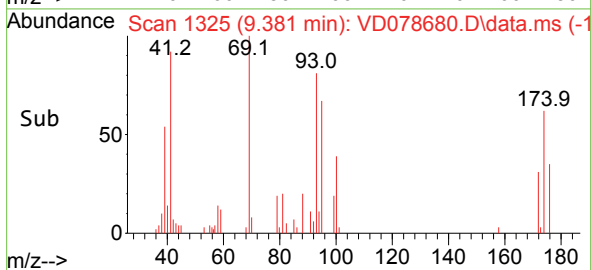
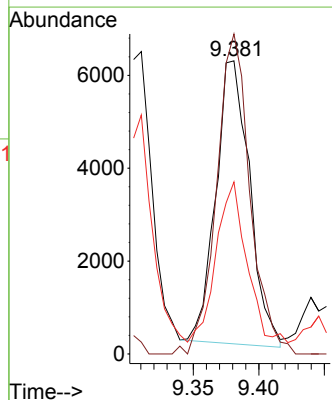
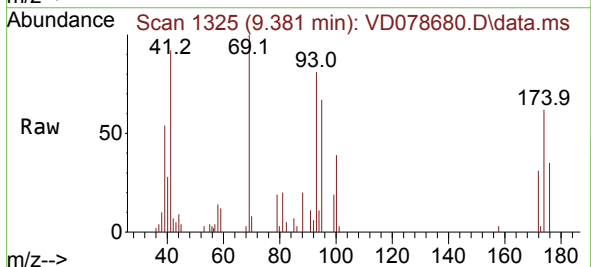
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

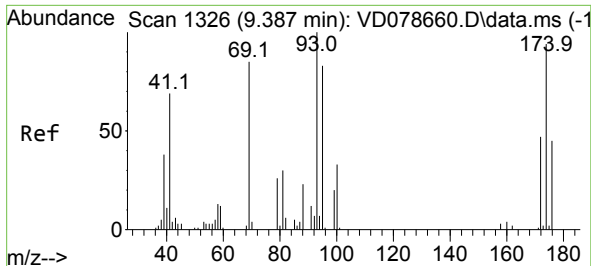
Tgt Ion: 83 Resp: 41296
Ion Ratio Lower Upper
83 100
85 63.6 54.0 81.0
127 7.4 7.1 10.7



#48
Methyl methacrylate
Concen: 19.420 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 41 Resp: 10909
Ion Ratio Lower Upper
41 100
69 112.4 88.3 132.5
39 53.6 46.6 69.8





#49

1,4-Dioxane

Concen: 429.230 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

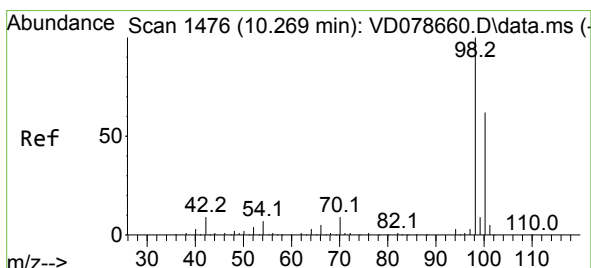
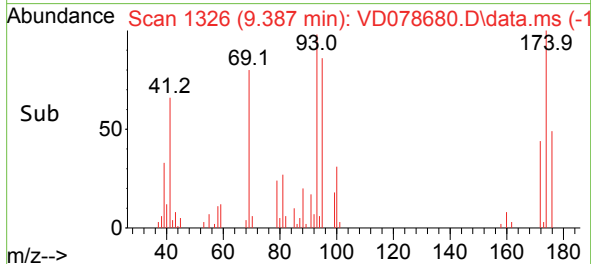
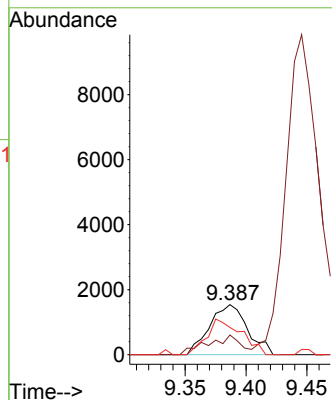
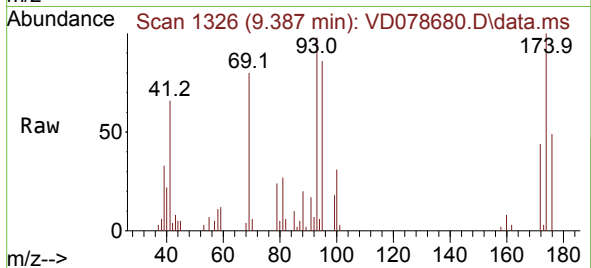
Tgt Ion: 88 Resp: 3315

Ion Ratio Lower Upper

88 100

43 34.6 23.2 34.8

58 65.1 51.0 76.6



#50

Toluene-d8

Concen: 45.667 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078680.D

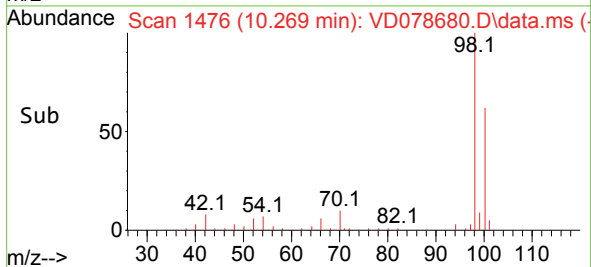
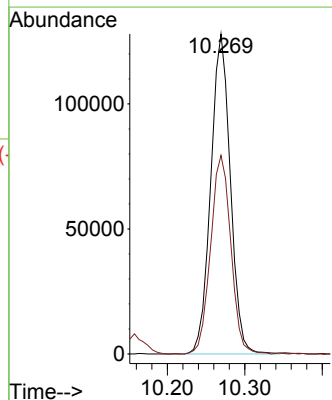
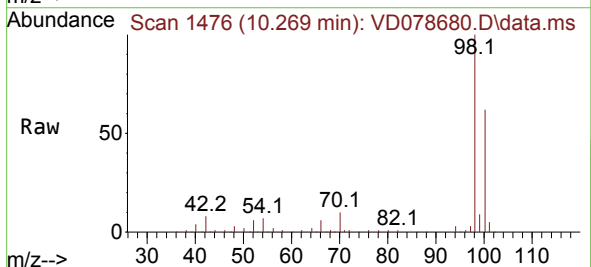
Acq: 15 Mar 2024 11:23

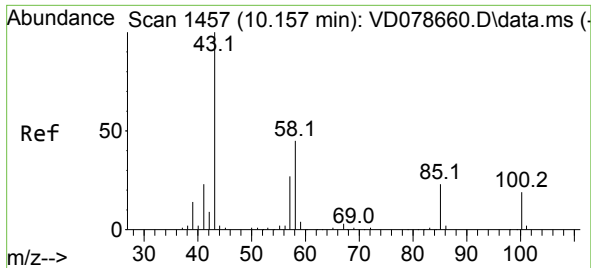
Tgt Ion: 98 Resp: 224615

Ion Ratio Lower Upper

98 100

100 64.0 50.5 75.7

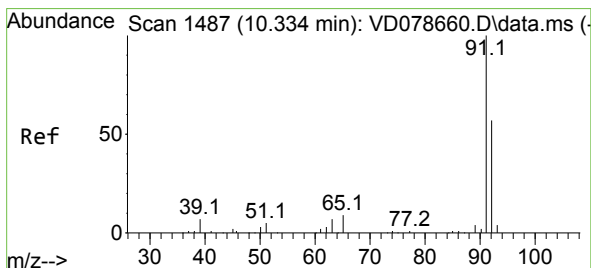
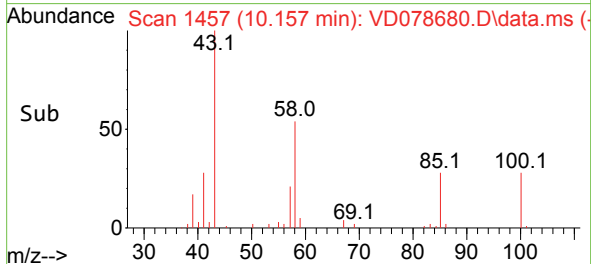
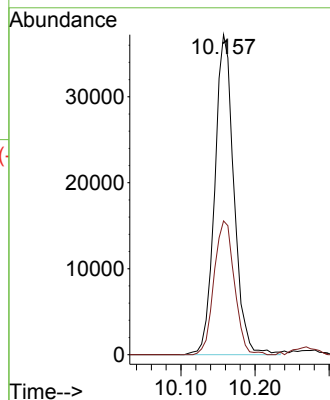
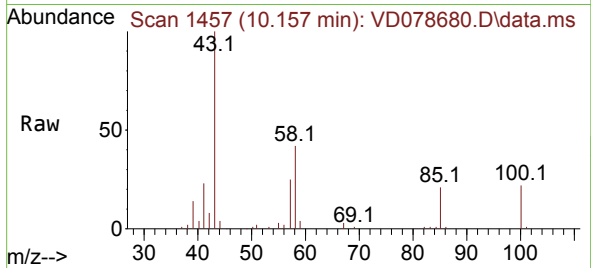




#51
4-Methyl-2-Pentanone
Concen: 111.093 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

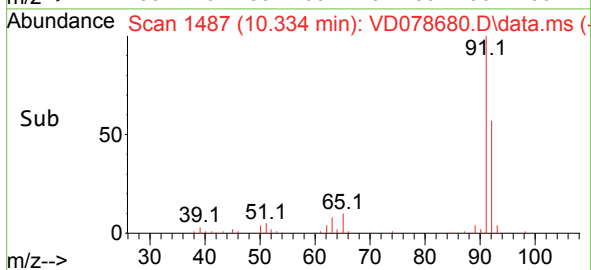
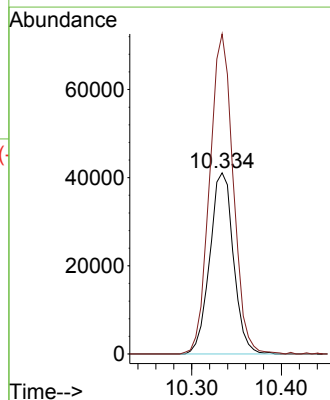
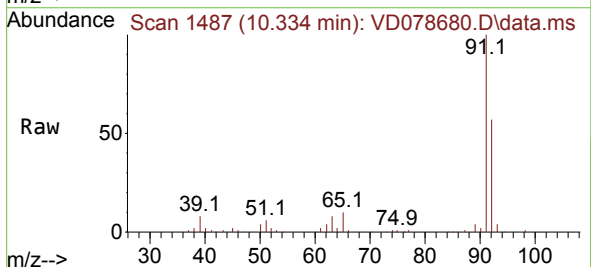
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

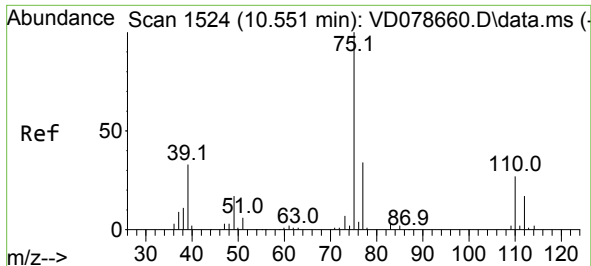
Tgt Ion: 43 Resp: 66957
Ion Ratio Lower Upper
43 100
58 44.3 36.4 54.6



#52
Toluene
Concen: 19.915 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 92 Resp: 75209
Ion Ratio Lower Upper
92 100
91 175.7 136.6 205.0

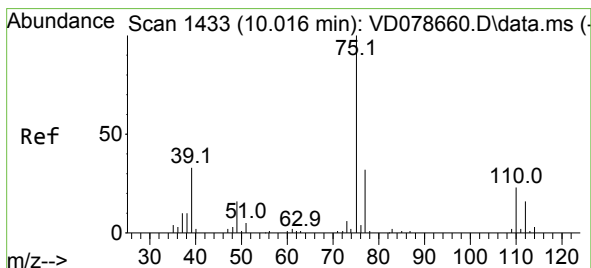
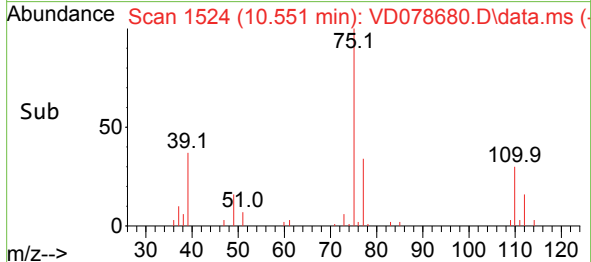
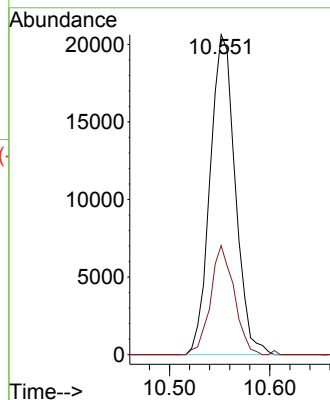
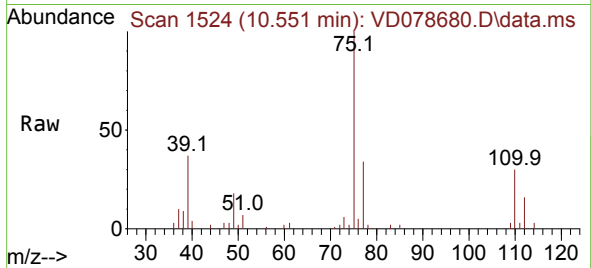




#53
t-1,3-Dichloropropene
Concen: 19.829 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

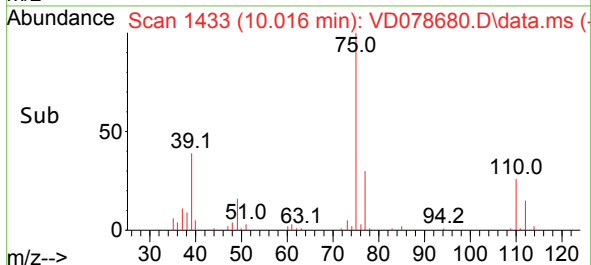
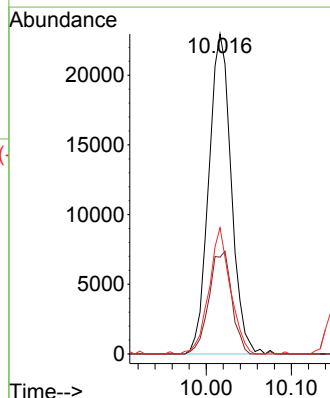
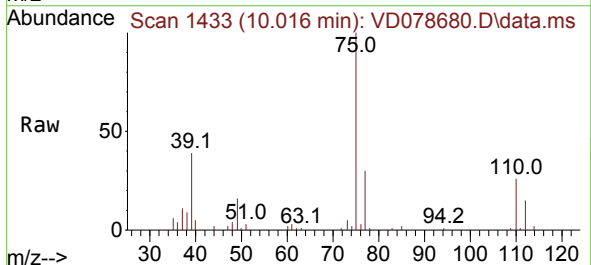
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

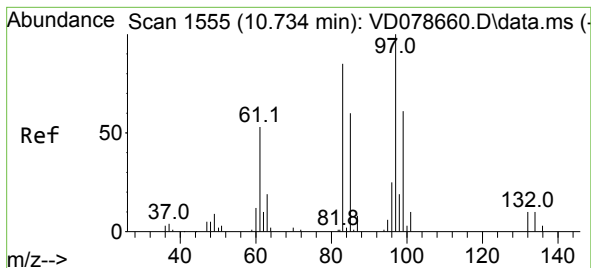
Tgt Ion: 75 Resp: 36001
Ion Ratio Lower Upper
75 100
77 34.1 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 19.274 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 75 Resp: 42066
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0
39 39.5 26.7 40.1

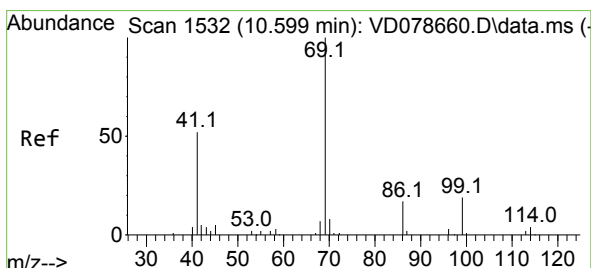
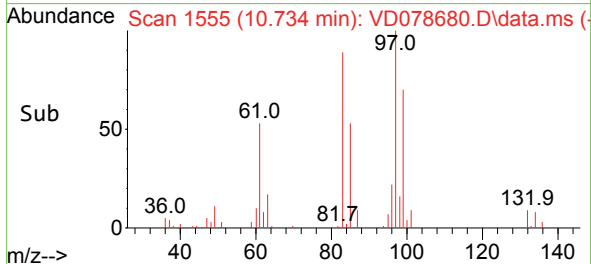
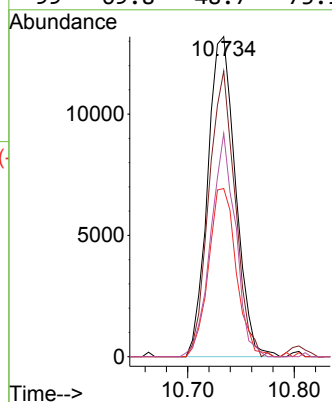
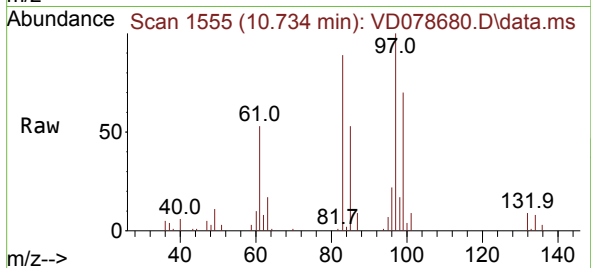




#55
1,1,2-Trichloroethane
Concen: 21.517 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

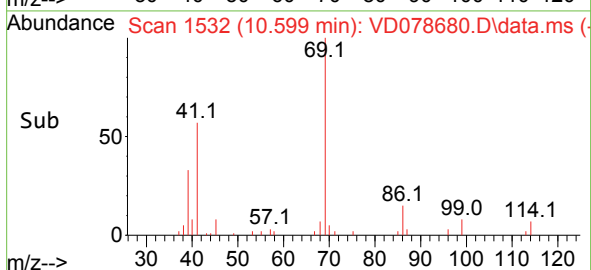
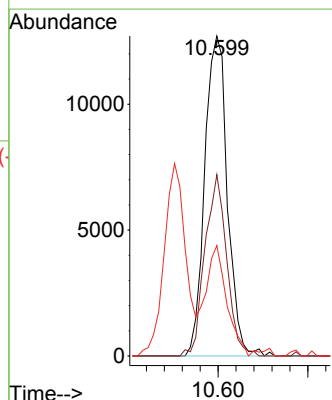
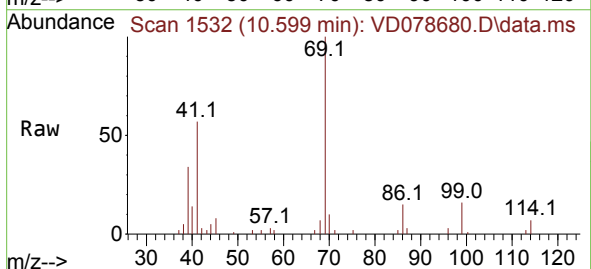
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

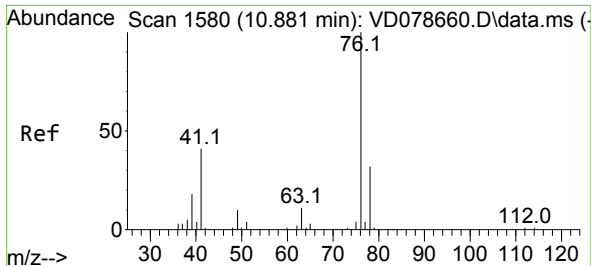
Tgt Ion:	97	Resp:	24034
Ion	Ratio	Lower	Upper
97	100		
83	89.3	68.1	102.1
85	52.6	48.2	72.2
99	69.8	48.7	73.1



#56
Ethyl methacrylate
Concen: 19.914 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion:	69	Resp:	22299
Ion	Ratio	Lower	Upper
69	100		
41	54.6	40.9	61.3
39	30.8	25.5	38.3





#57

1,3-Dichloropropane

Concen: 20.172 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

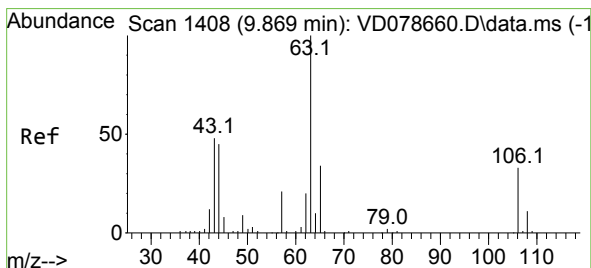
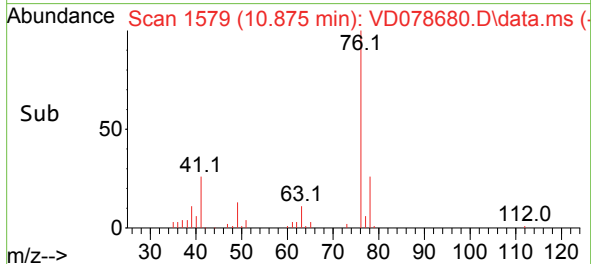
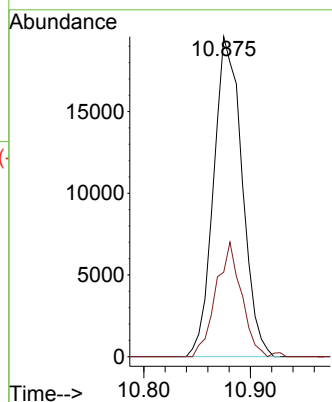
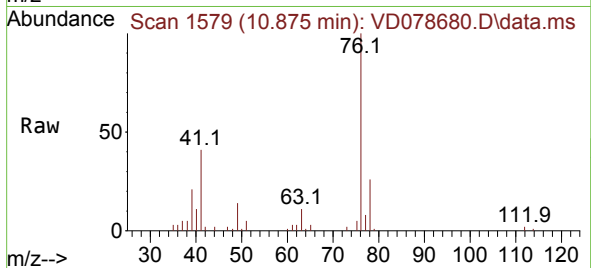
VD0315SBS01

Tgt Ion: 76 Resp: 36358

Ion Ratio Lower Upper

76 100

78 32.0 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 105.073 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078680.D

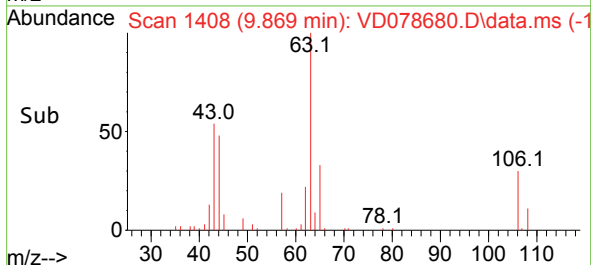
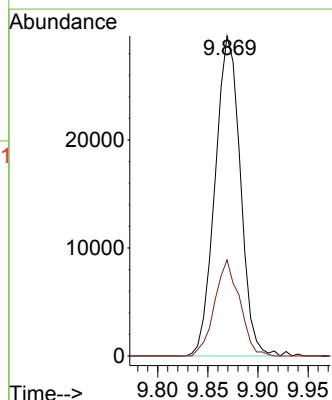
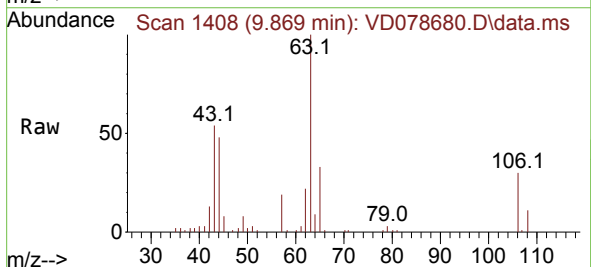
Acq: 15 Mar 2024 11:23

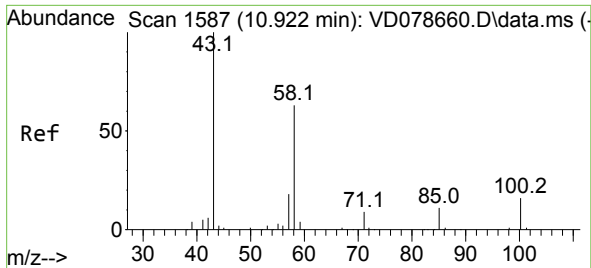
Tgt Ion: 63 Resp: 51880

Ion Ratio Lower Upper

63 100

106 29.8 25.2 37.8

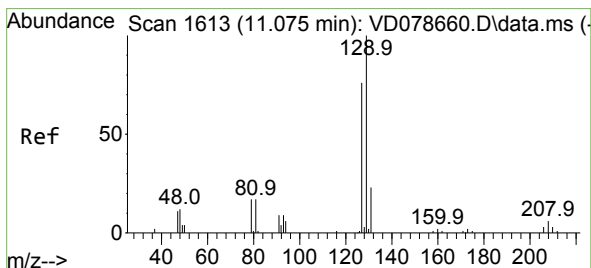
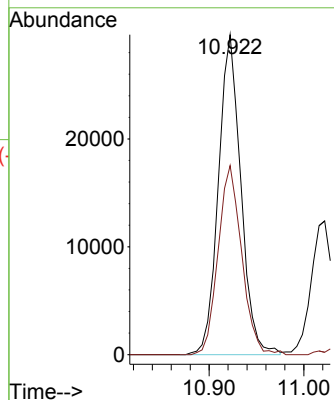
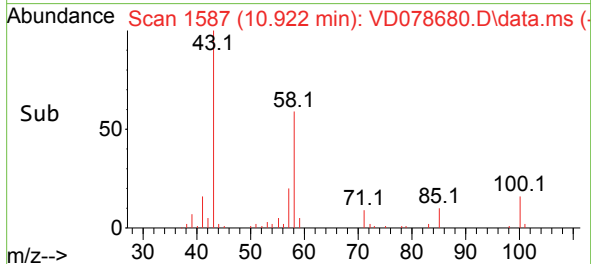
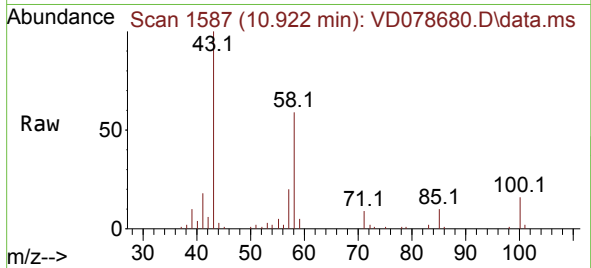




#59
2-Hexanone
Concen: 109.267 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

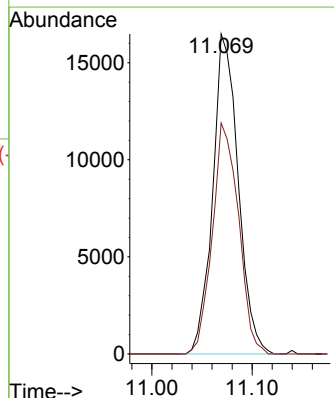
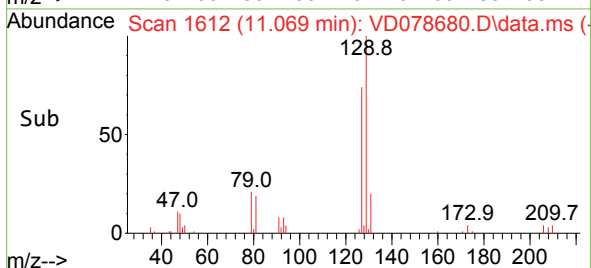
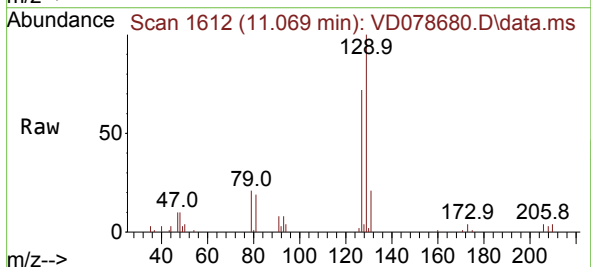
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

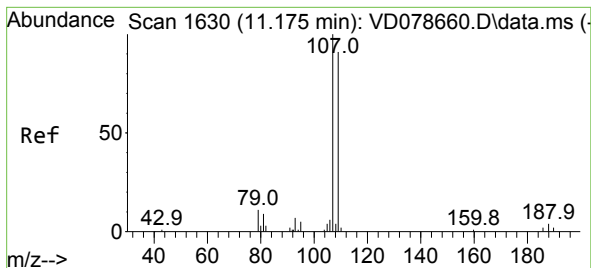
Tgt Ion: 43 Resp: 48820
Ion Ratio Lower Upper
43 100
58 62.1 31.5 94.5



#60
Dibromochloromethane
Concen: 21.085 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 129 Resp: 29045
Ion Ratio Lower Upper
129 100
127 74.1 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.440 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

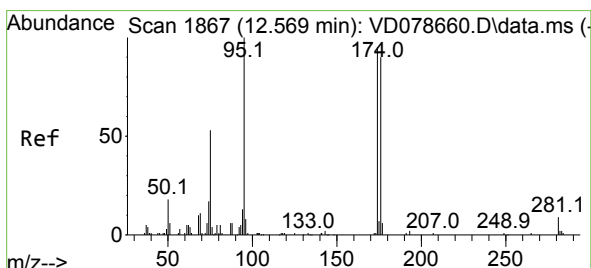
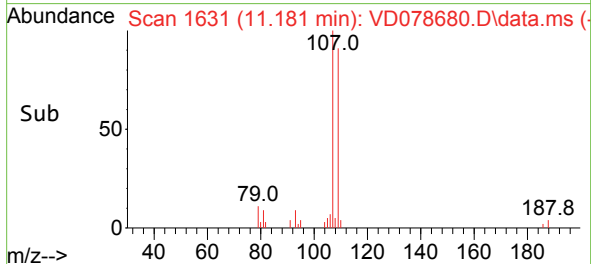
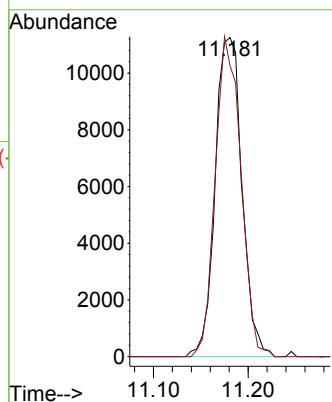
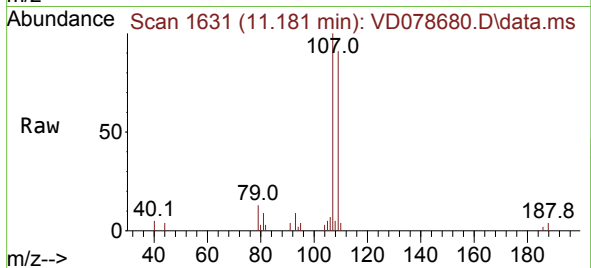
VD0315SBS01

Tgt Ion:107 Resp: 22095

Ion Ratio Lower Upper

107 100

109 96.3 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 45.469 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

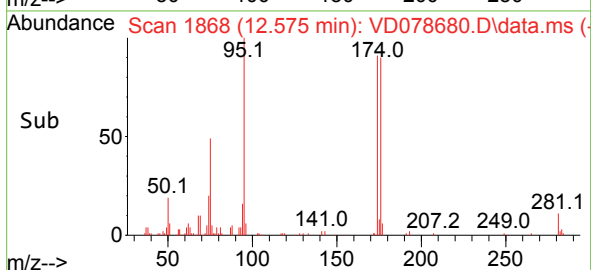
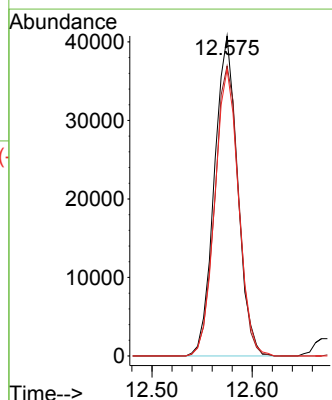
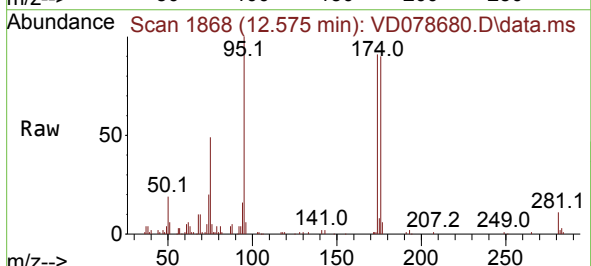
Tgt Ion: 95 Resp: 65427

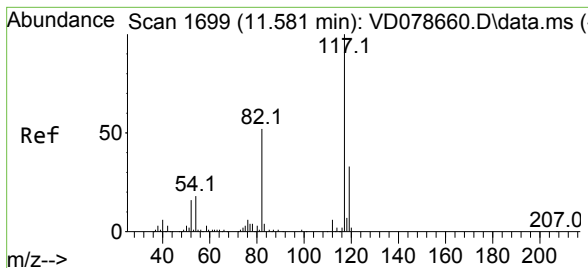
Ion Ratio Lower Upper

95 100

174 93.0 0.0 195.2

176 91.5 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

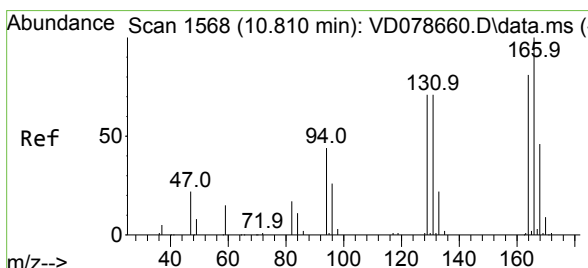
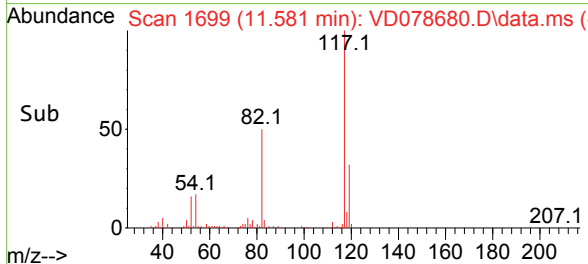
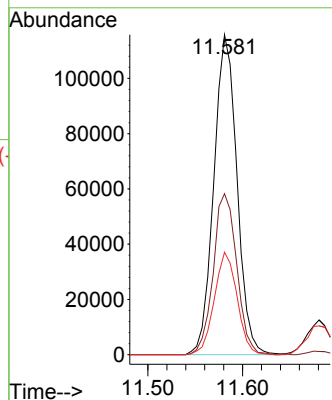
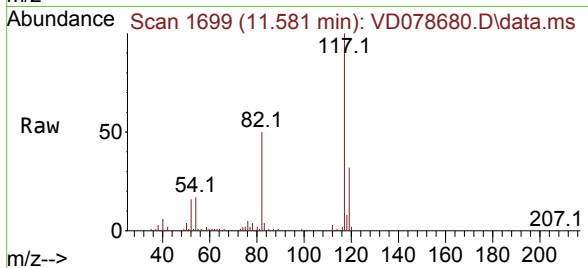
Tgt Ion:117 Resp: 196830

Ion Ratio Lower Upper

117 100

82 50.3 41.4 62.2

119 32.0 26.5 39.7



#64

Tetrachloroethene

Concen: 19.761 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Tgt Ion:164 Resp: 25740

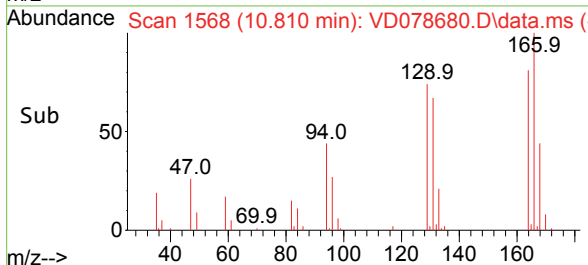
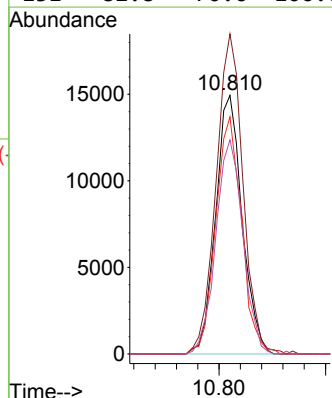
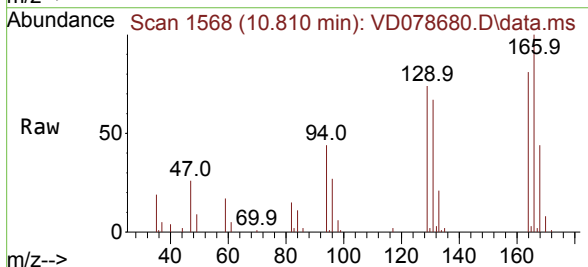
Ion Ratio Lower Upper

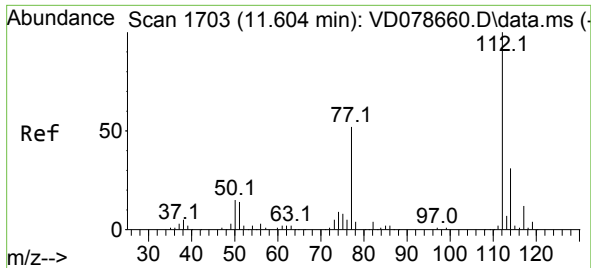
164 100

166 123.7 98.9 148.3

129 91.7 70.3 105.5

131 82.8 70.6 106.0

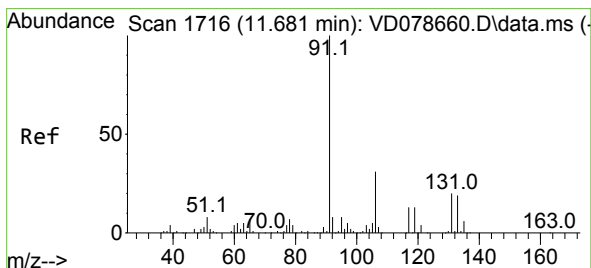
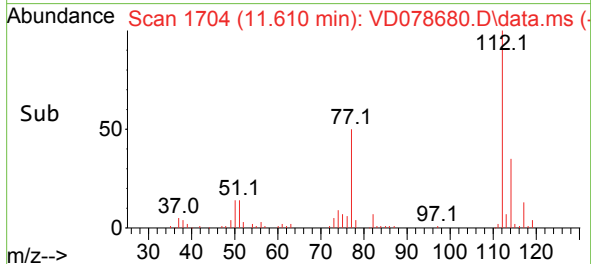
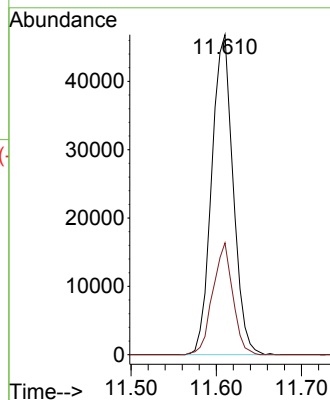
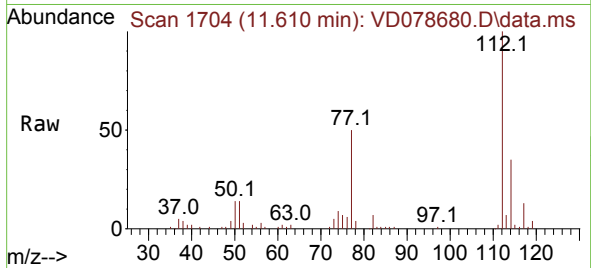




#65
Chlorobenzene
Concen: 19.882 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

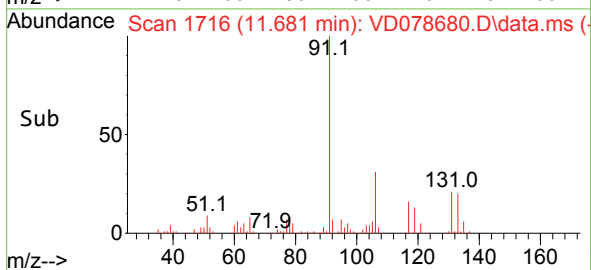
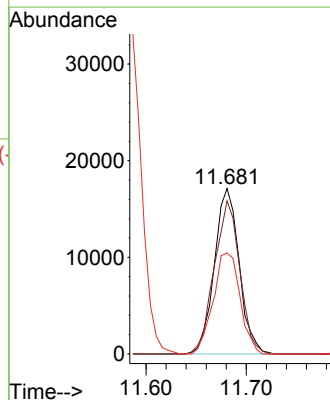
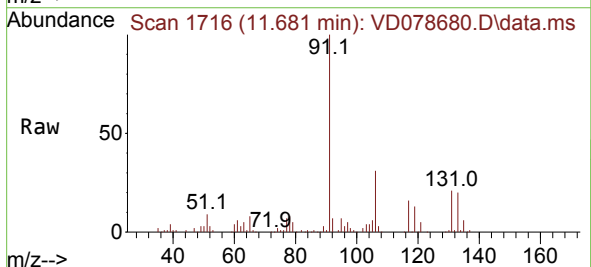
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

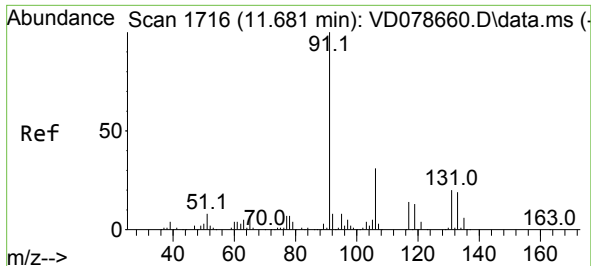
Tgt Ion:112 Resp: 81777
Ion Ratio Lower Upper
112 100
114 34.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.482 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion:131 Resp: 29347
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.9
119 66.3 34.1 102.3





#67

Ethyl Benzene

Concen: 18.853 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

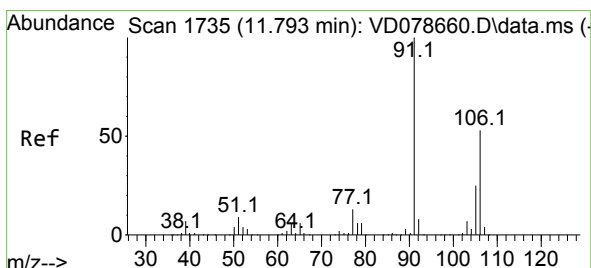
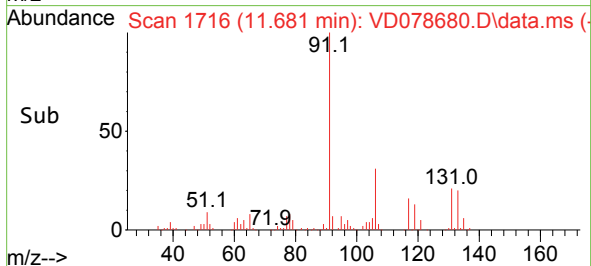
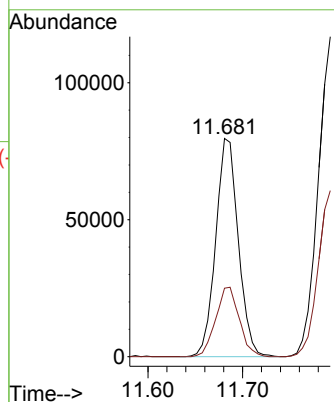
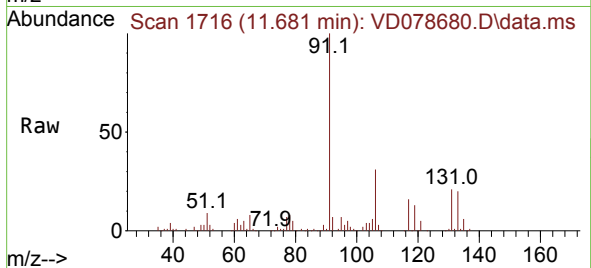
VD0315SBS01

Tgt Ion: 91 Resp: 132144

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 39.297 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078680.D

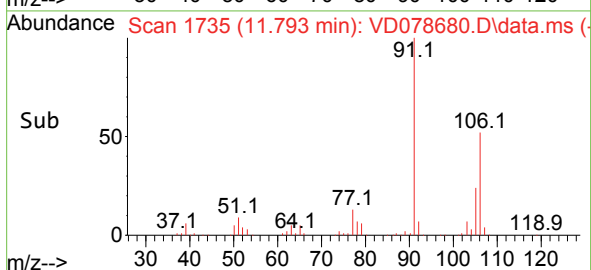
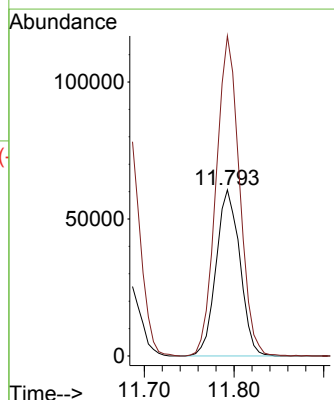
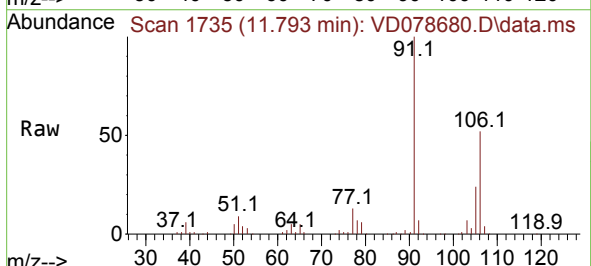
Acq: 15 Mar 2024 11:23

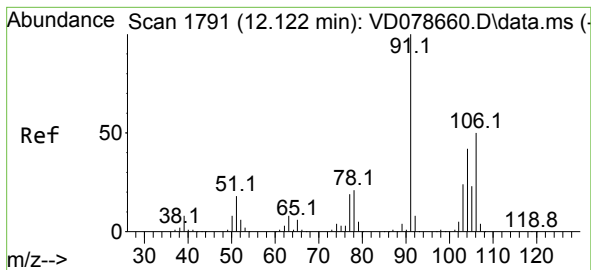
Tgt Ion:106 Resp: 111846

Ion Ratio Lower Upper

106 100

91 189.2 154.4 231.6





#69

o-Xylene

Concen: 18.872 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

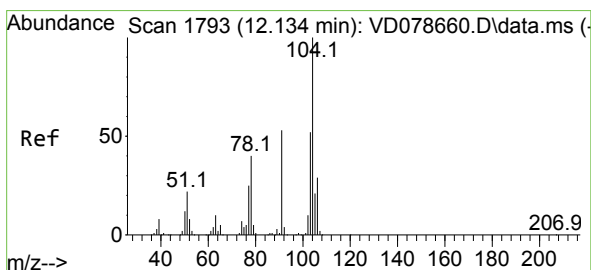
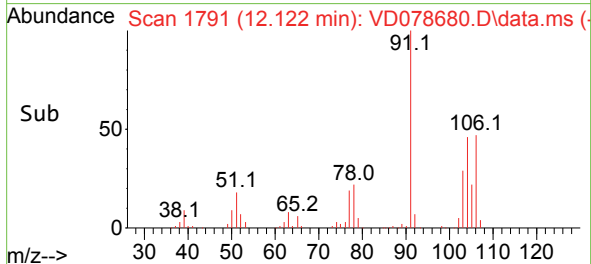
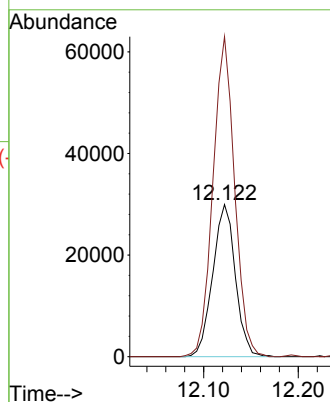
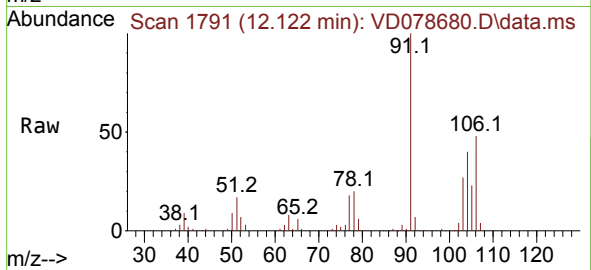
VD0315SBS01

Tgt Ion:106 Resp: 49696

Ion Ratio Lower Upper

106 100

91 201.0 99.6 298.7



#70

Styrene

Concen: 19.303 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

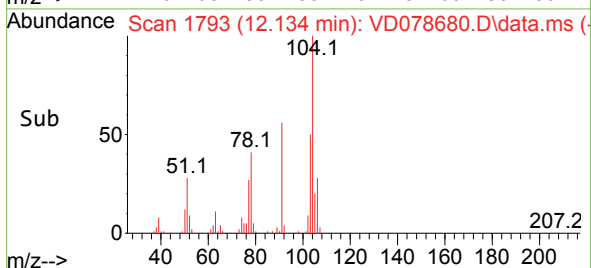
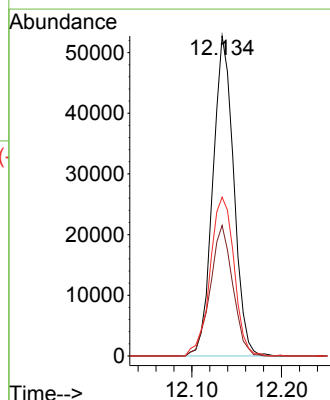
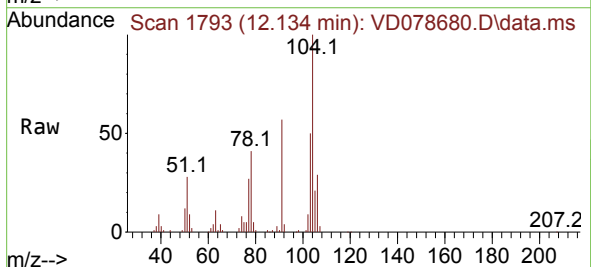
Tgt Ion:104 Resp: 85317

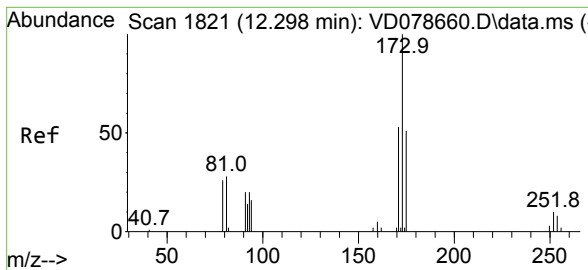
Ion Ratio Lower Upper

104 100

78 43.8 34.6 52.0

103 56.9 44.2 66.2

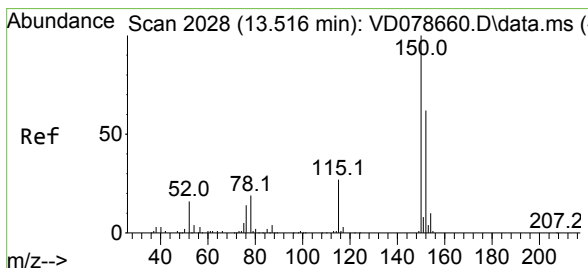
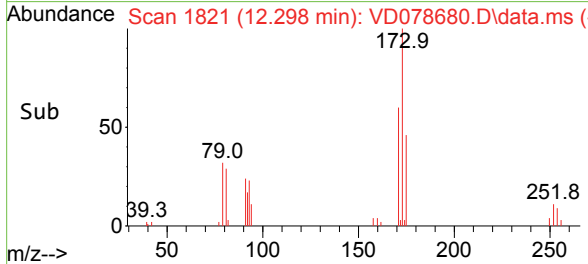
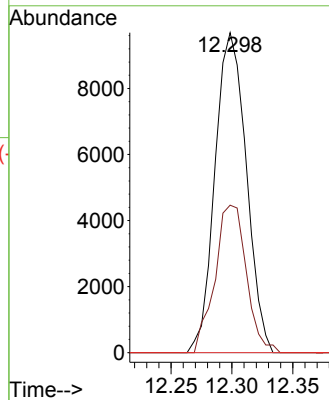
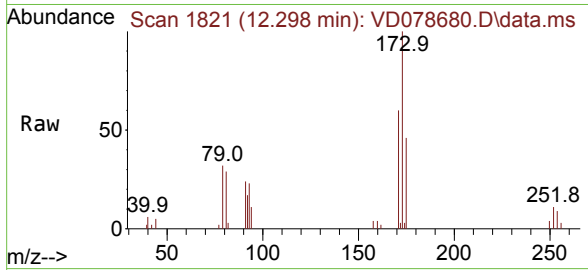




#71
Bromoform
Concen: 21.293 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

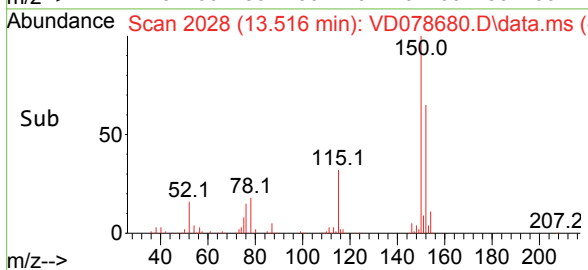
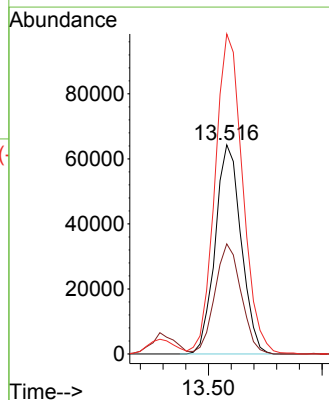
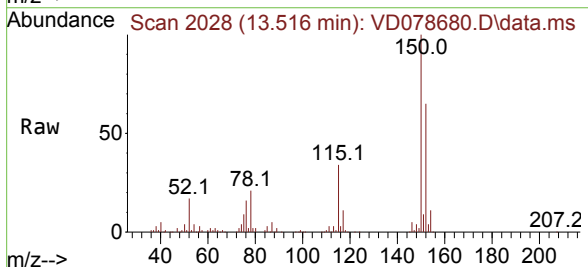
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

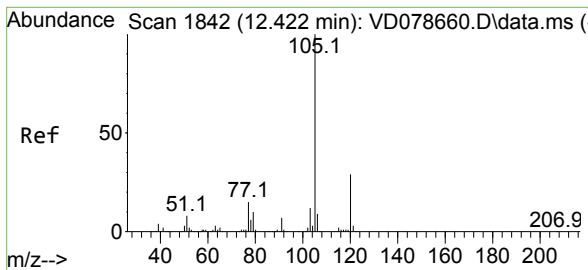
Tgt Ion:173 Resp: 17334
Ion Ratio Lower Upper
173 100
175 46.4 25.8 77.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion:152 Resp: 101999
Ion Ratio Lower Upper
152 100
115 53.5 27.1 81.2
150 163.4 0.0 350.2

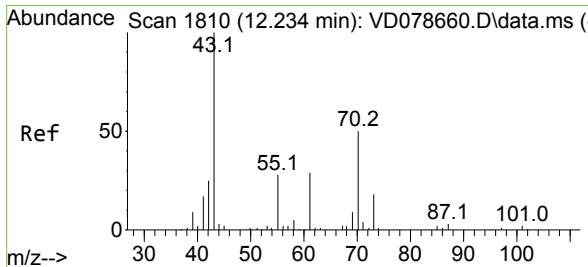
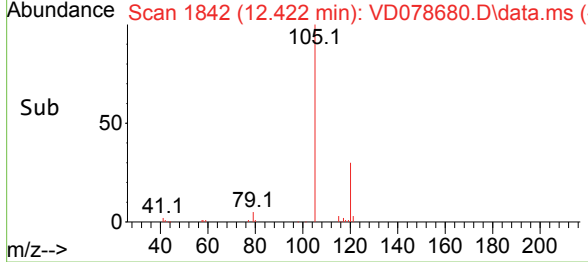
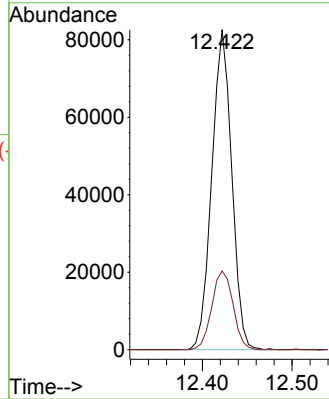
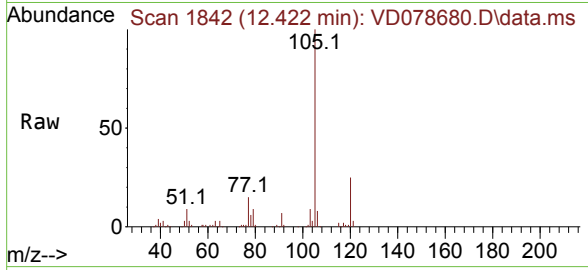




#73
Isopropylbenzene
Concen: 18.968 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

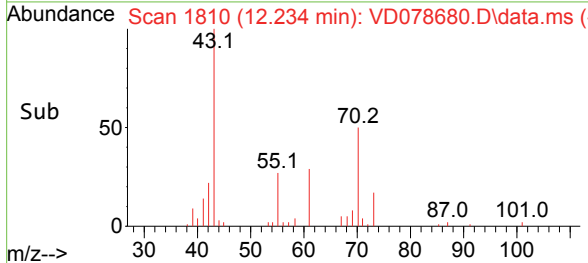
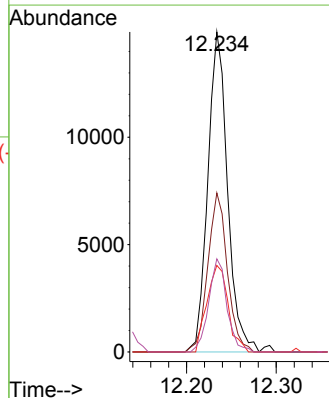
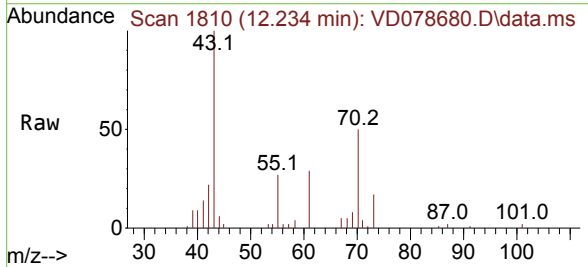
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

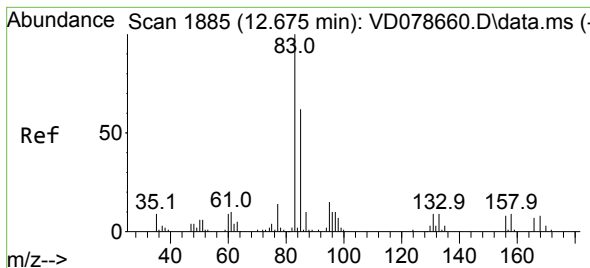
Tgt Ion:105 Resp: 127382
Ion Ratio Lower Upper
105 100
120 26.2 13.7 41.0



#74
N-ethyl acetate
Concen: 20.970 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 43 Resp: 22865
Ion Ratio Lower Upper
43 100
70 49.0 42.1 63.1
55 28.9 22.6 33.8
61 26.9 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.746 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

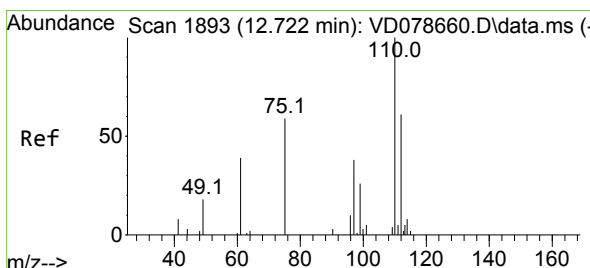
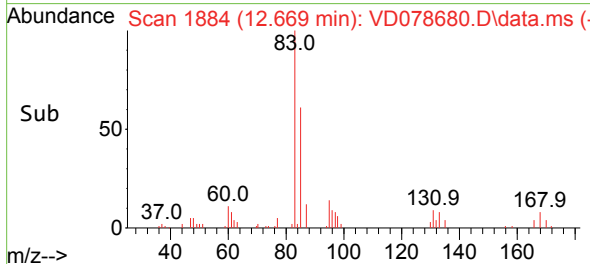
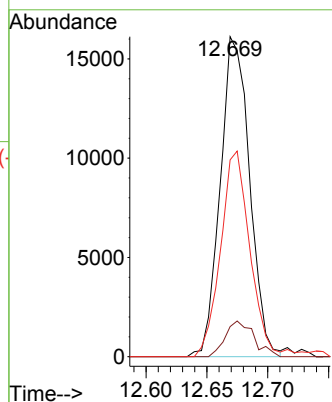
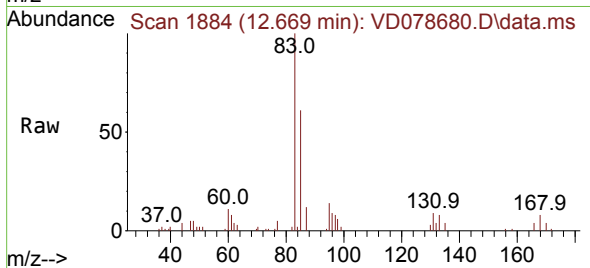
Tgt Ion: 83 Resp: 27034

Ion Ratio Lower Upper

83 100

131 10.9 4.9 14.7

85 65.0 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 37.863 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078680.D

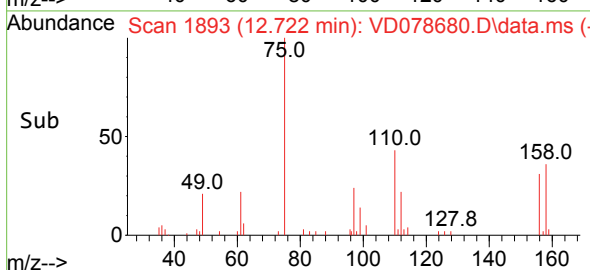
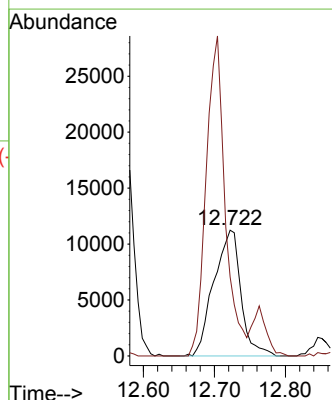
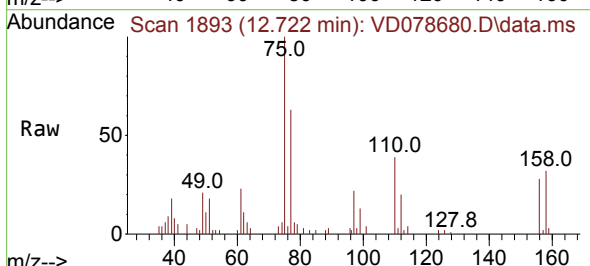
Acq: 15 Mar 2024 11:23

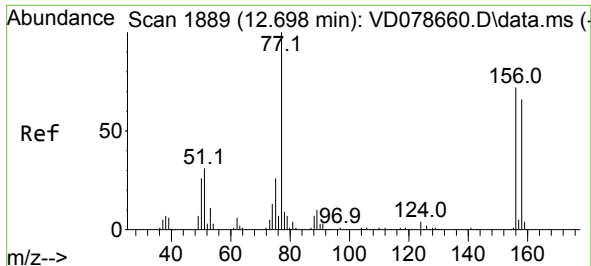
Tgt Ion: 75 Resp: 29754

Ion Ratio Lower Upper

75 100

77 179.4 0.0 0.0#

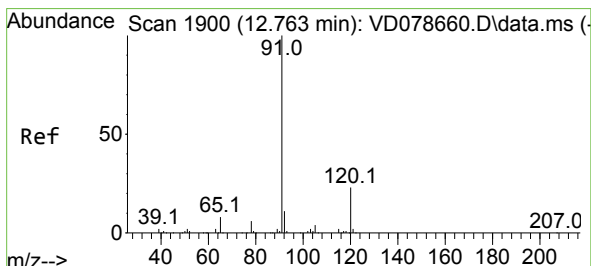
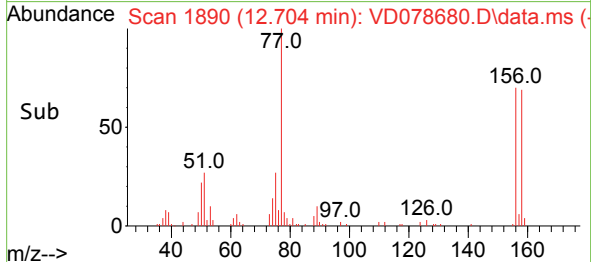
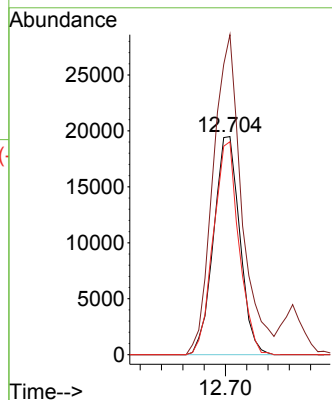
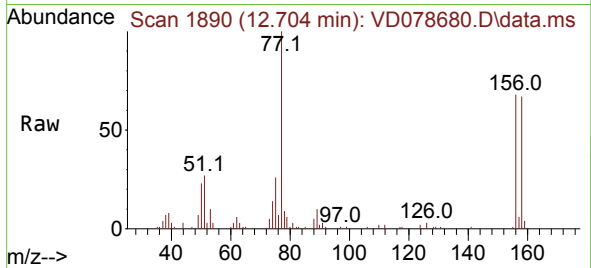




#77
Bromobenzene
Concen: 19.948 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

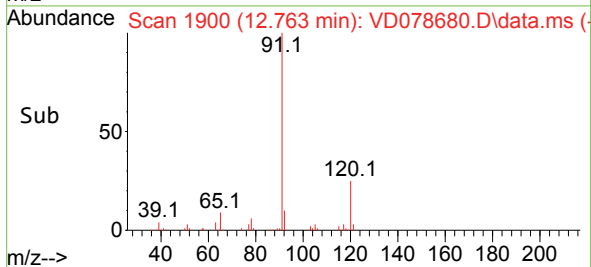
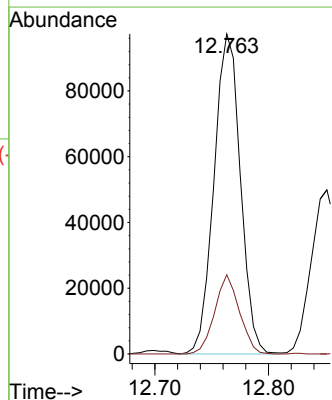
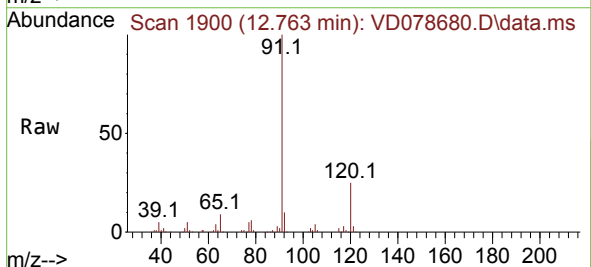
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

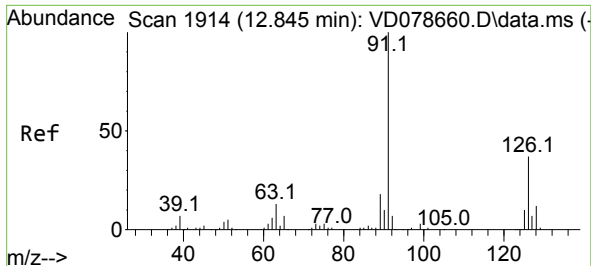
Tgt Ion:156 Resp: 33222
Ion Ratio Lower Upper
156 100
77 160.7 79.1 237.3
158 95.6 47.0 141.0



#78
n-propylbenzene
Concen: 19.228 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 91 Resp: 157183
Ion Ratio Lower Upper
91 100
120 23.0 11.7 35.1

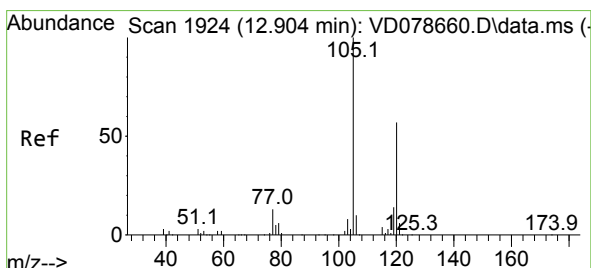
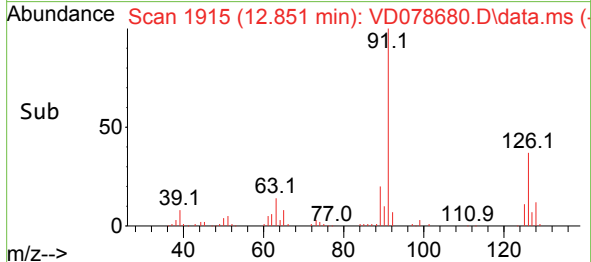
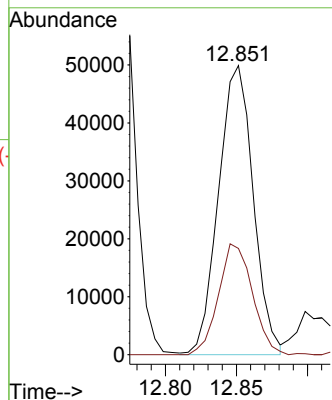
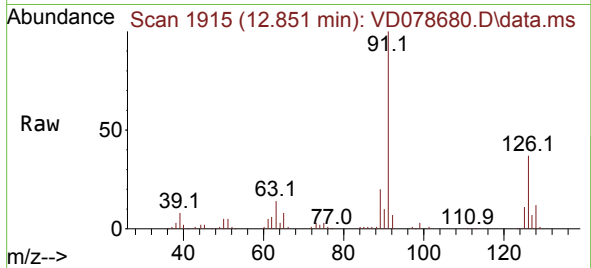




#79
2-Chlorotoluene
Concen: 18.929 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

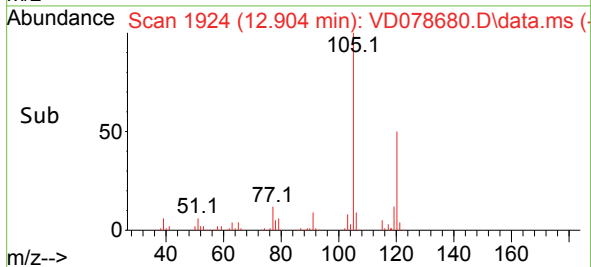
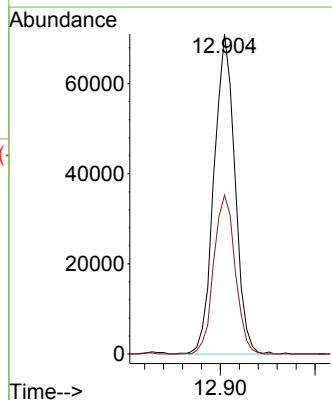
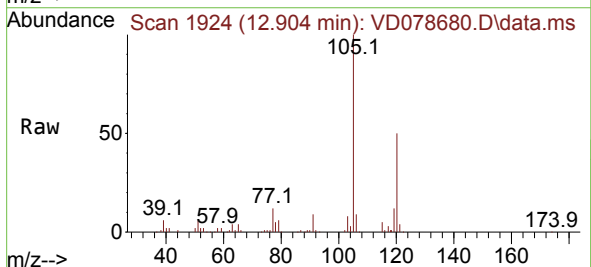
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

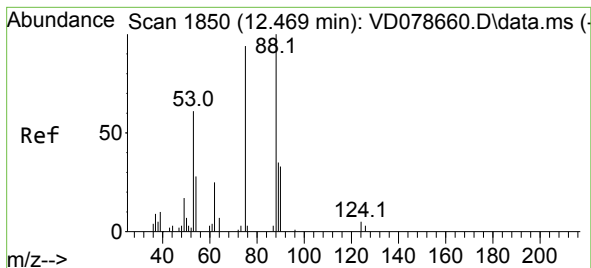
Tgt Ion: 91 Resp: 84888
Ion Ratio Lower Upper
91 100
126 37.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.620 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 105 Resp: 108962
Ion Ratio Lower Upper
105 100
120 51.0 25.9 77.7

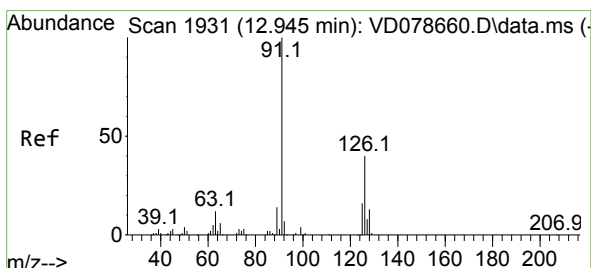
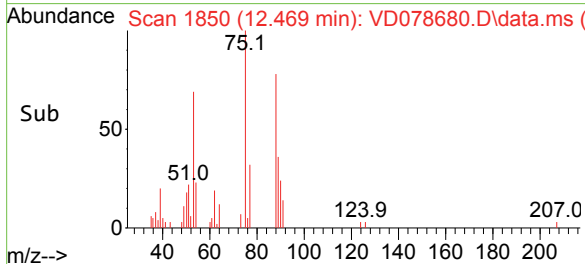
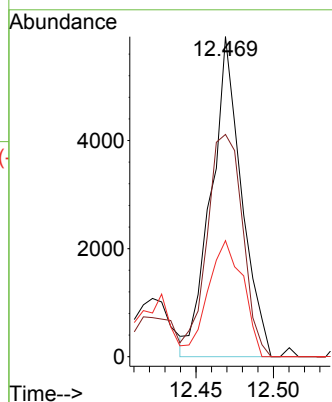
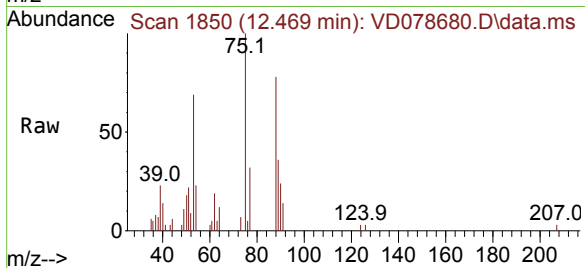




#81
trans-1,4-Dichloro-2-butene
Concen: 21.441 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

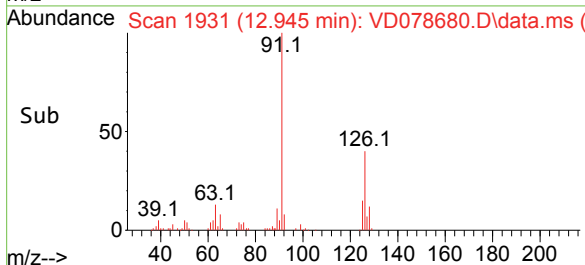
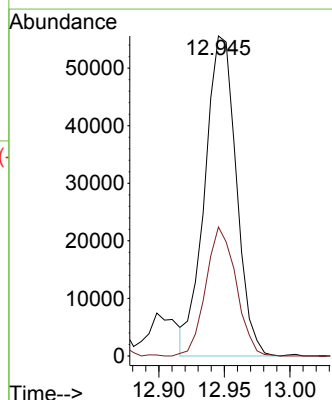
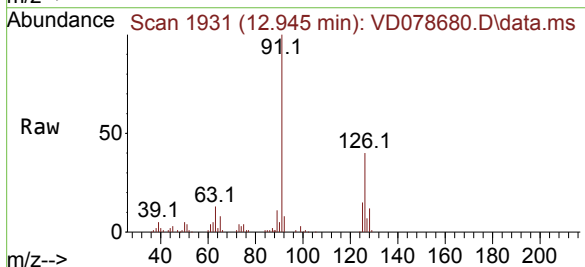
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

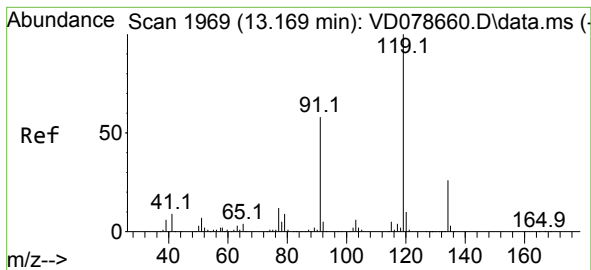
Tgt Ion: 75 Resp: 8038
Ion Ratio Lower Upper
75 100
53 81.9 61.0 91.6
89 42.0 35.4 53.0



#82
4-Chlorotoluene
Concen: 19.605 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 91 Resp: 92990
Ion Ratio Lower Upper
91 100
126 38.6 18.9 56.5

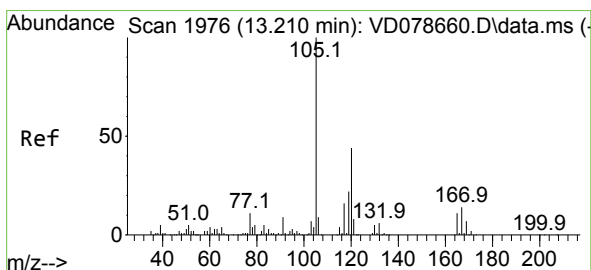
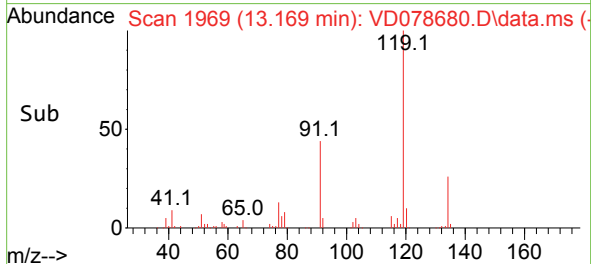
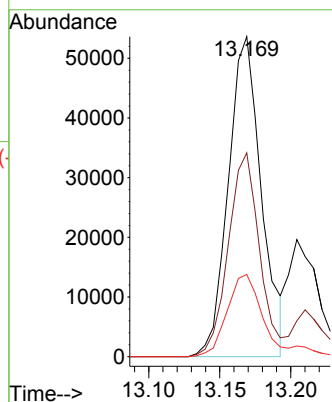
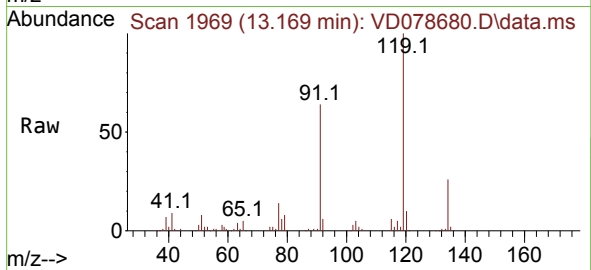




#83
tert-Butylbenzene
Concen: 18.142 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

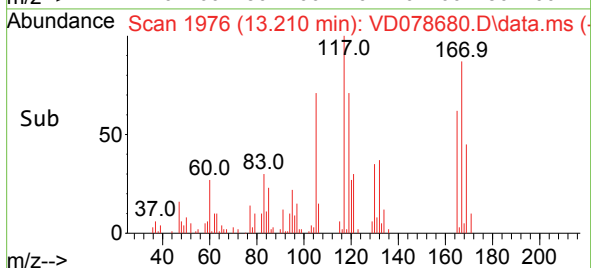
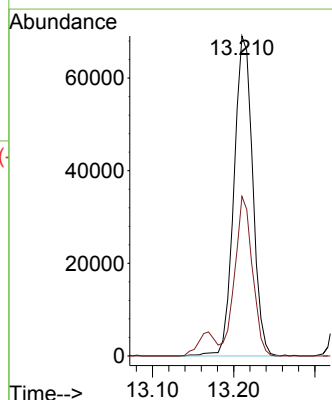
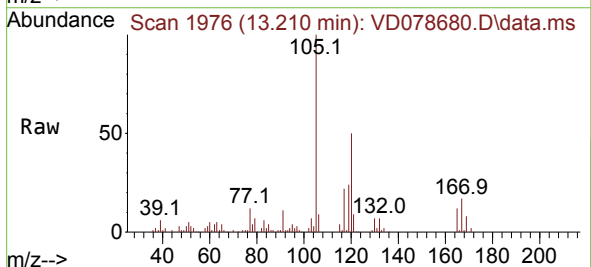
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

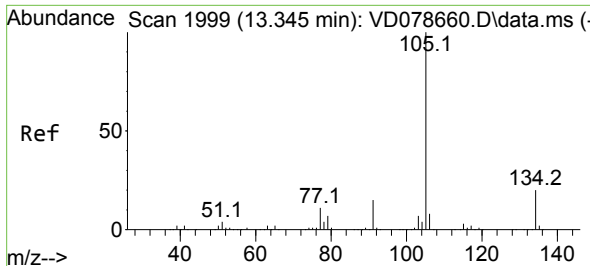
Tgt Ion:119 Resp: 86872
Ion Ratio Lower Upper
119 100
91 60.0 28.9 86.7
134 26.9 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 19.711 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion:105 Resp: 110312
Ion Ratio Lower Upper
105 100
120 47.3 23.1 69.2

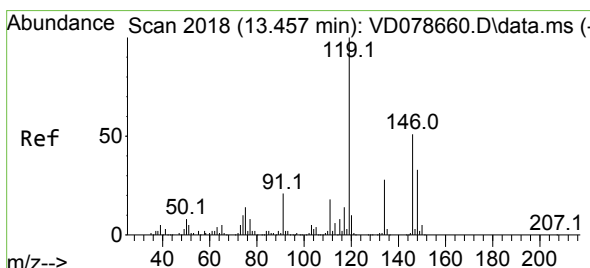
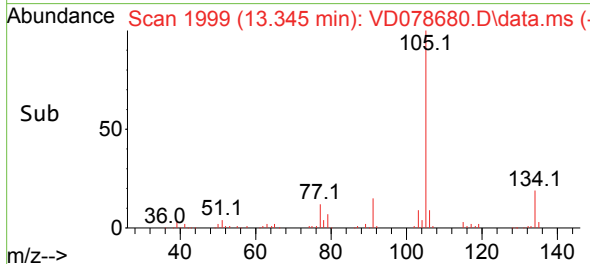
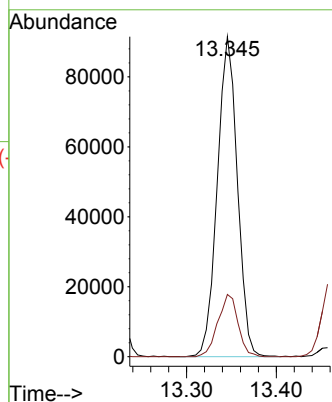
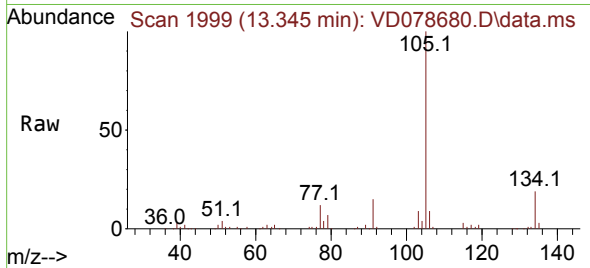




#85
 sec-Butylbenzene
 Concen: 19.615 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078680.D
 Acq: 15 Mar 2024 11:23

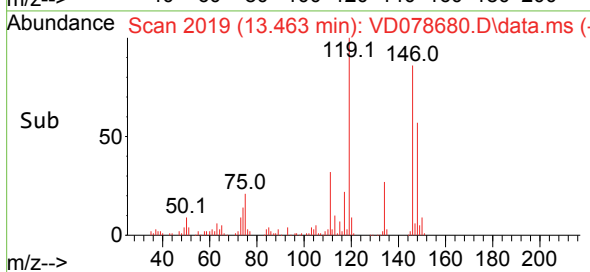
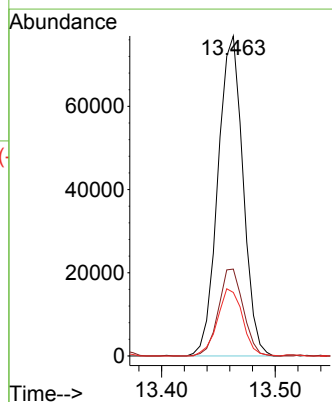
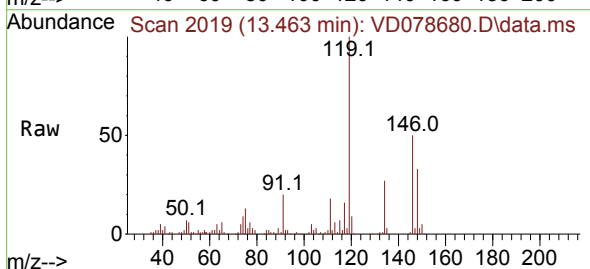
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01

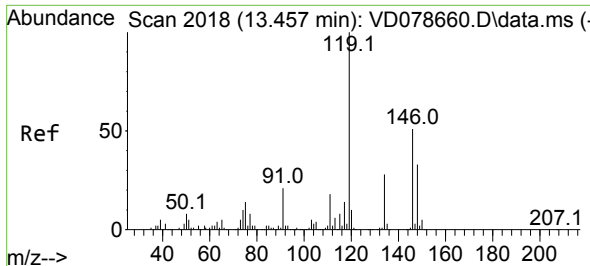
Tgt Ion:105 Resp: 142138
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.040 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD078680.D
 Acq: 15 Mar 2024 11:23

Tgt Ion:119 Resp: 118119
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 21.1 10.4 31.2

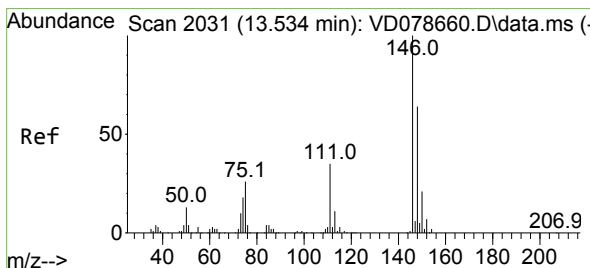
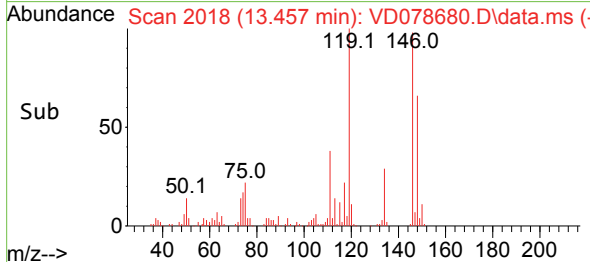
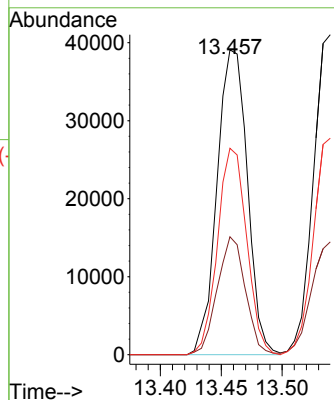
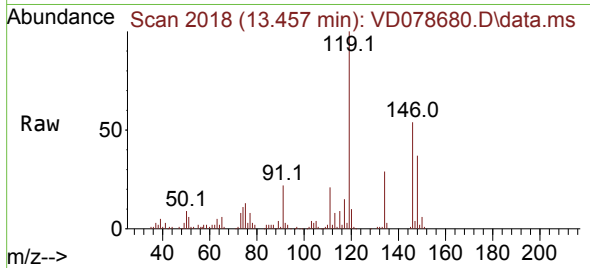




#87
 1,3-Dichlorobenzene
 Concen: 19.318 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078680.D
 Acq: 15 Mar 2024 11:23

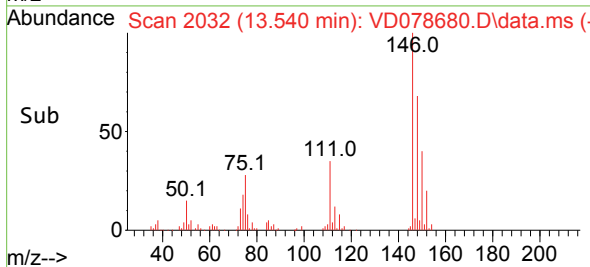
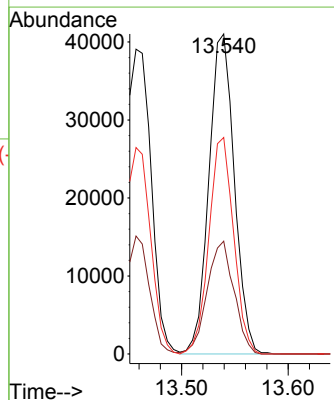
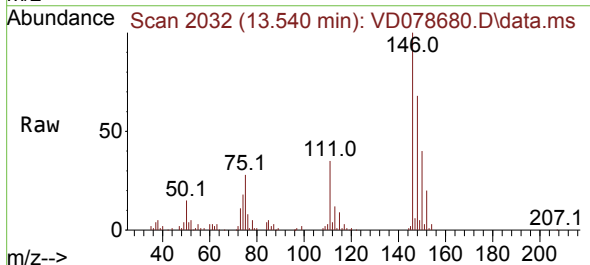
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0315SBS01

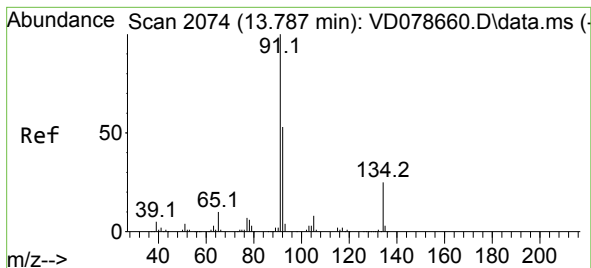
Tgt Ion:146 Resp: 67896
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.2 54.6
 148 65.0 31.1 93.5



#88
 1,4-Dichlorobenzene
 Concen: 19.700 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.006 min
 Lab File: VD078680.D
 Acq: 15 Mar 2024 11:23

Tgt Ion:146 Resp: 68236
 Ion Ratio Lower Upper
 146 100
 111 37.1 17.8 53.3
 148 65.8 32.4 97.0





#89

n-Butylbenzene

Concen: 19.780 ug/l

RT: 13.787 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

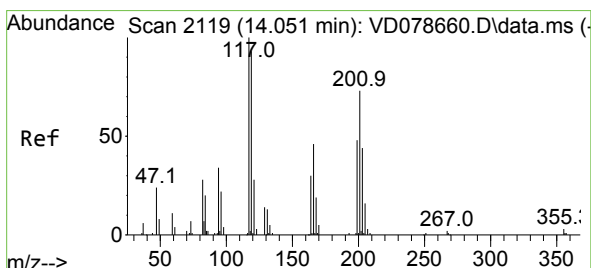
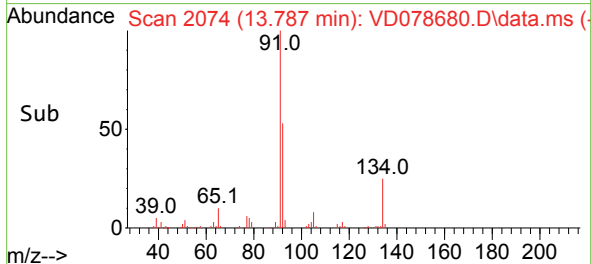
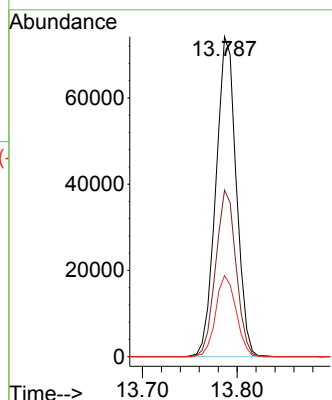
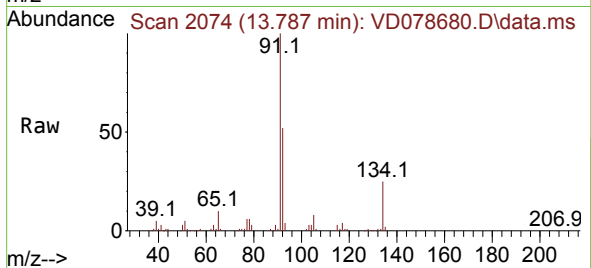
Tgt Ion: 91 Resp: 110821

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.0

134 25.4 13.0 38.9



#90

Hexachloroethane

Concen: 19.506 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD078680.D

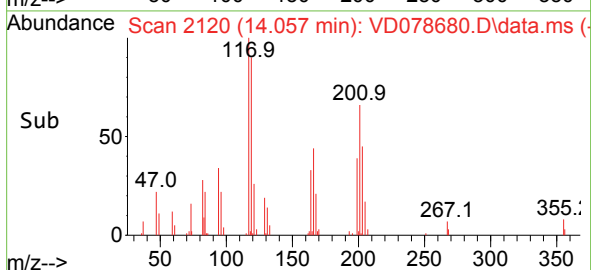
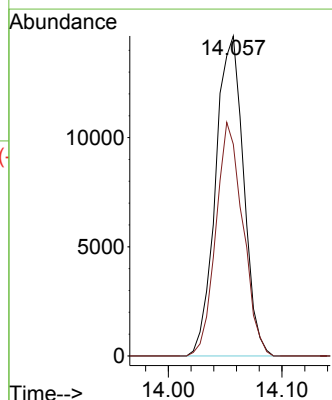
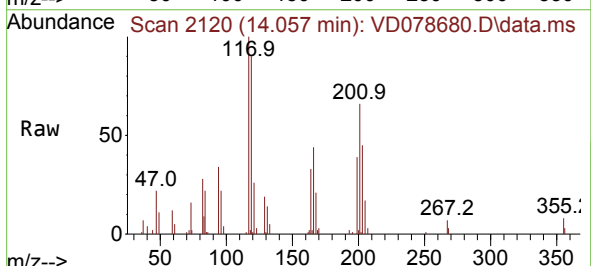
Acq: 15 Mar 2024 11:23

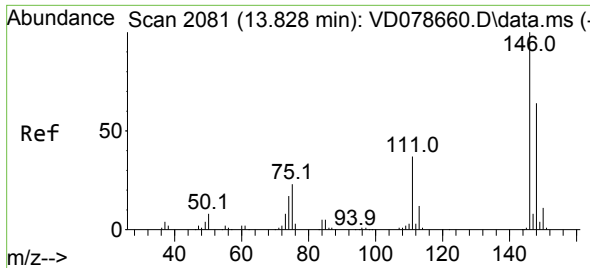
Tgt Ion: 117 Resp: 25038

Ion Ratio Lower Upper

117 100

201 70.7 36.2 108.6

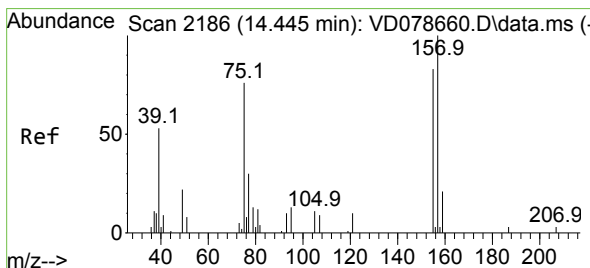
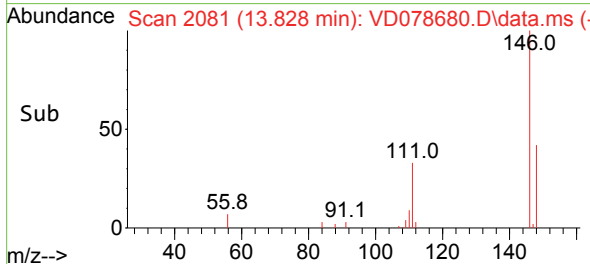
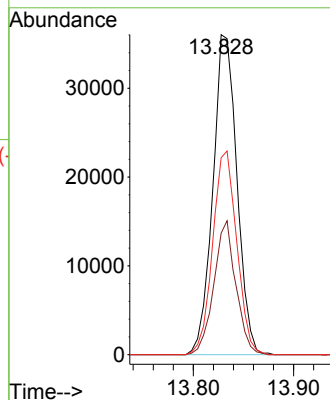
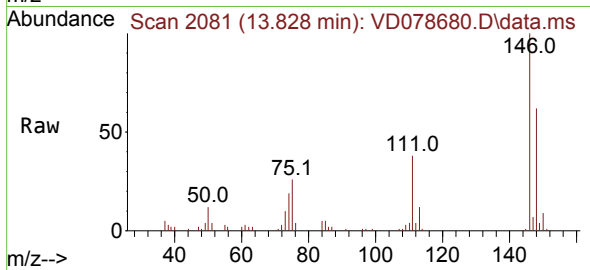




#91
1,2-Dichlorobenzene
Concen: 19.851 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

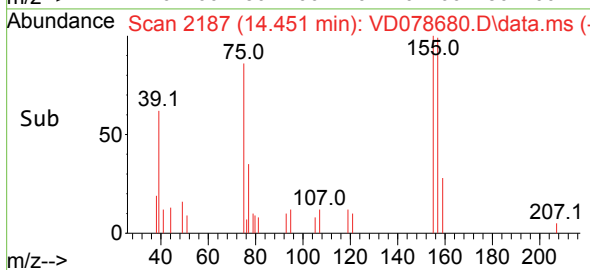
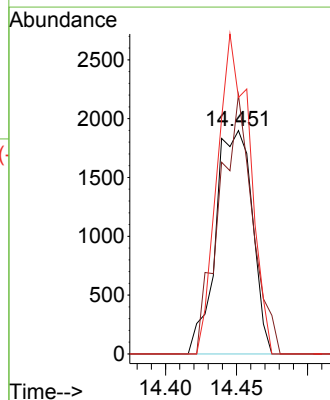
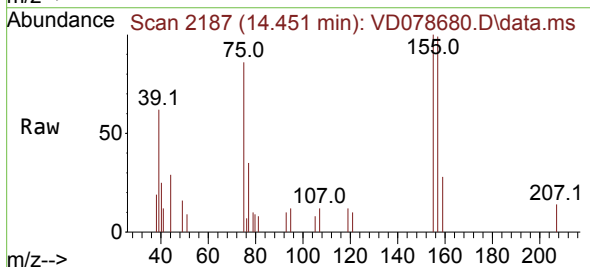
Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

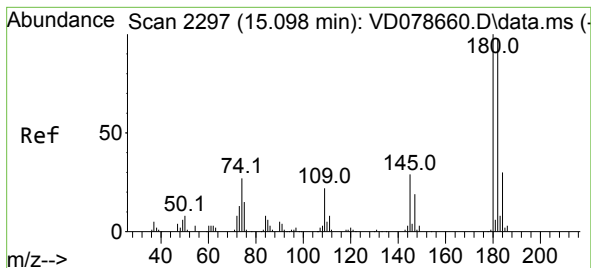
Tgt Ion:146 Resp: 60089
Ion Ratio Lower Upper
146 100
111 38.3 18.6 56.0
148 63.7 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.498 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion: 75 Resp: 3409
Ion Ratio Lower Upper
75 100
155 105.0 49.8 149.3
157 127.0 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 19.305 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD0315SBS01

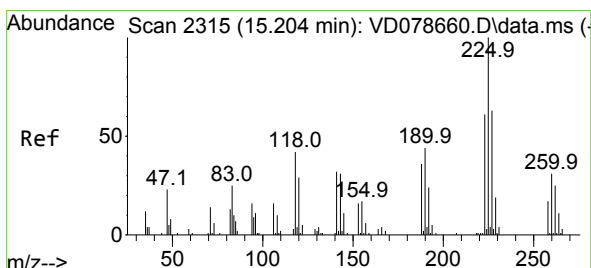
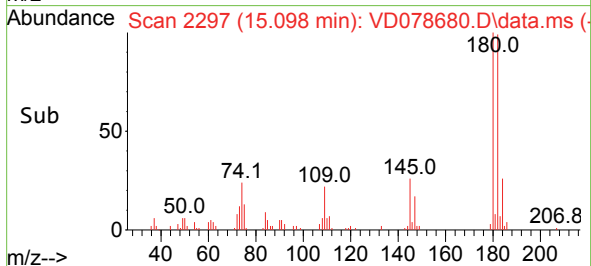
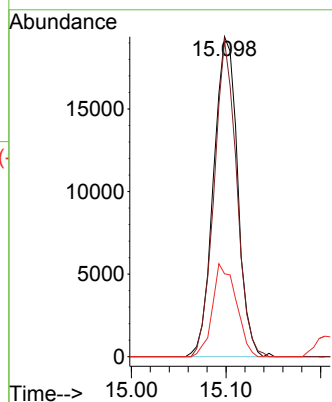
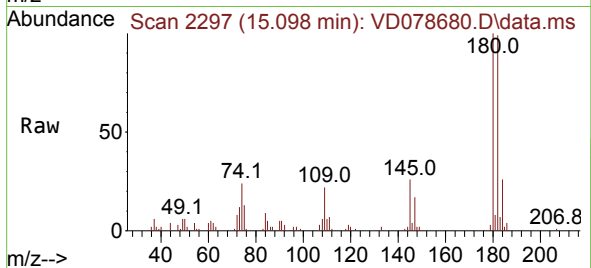
Tgt Ion:180 Resp: 34104

Ion Ratio Lower Upper

180 100

182 92.9 49.7 149.1

145 28.6 14.6 44.0



#94

Hexachlorobutadiene

Concen: 17.920 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078680.D

Acq: 15 Mar 2024 11:23

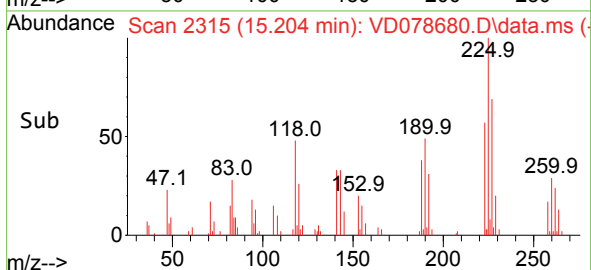
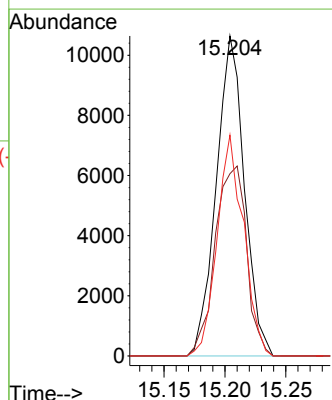
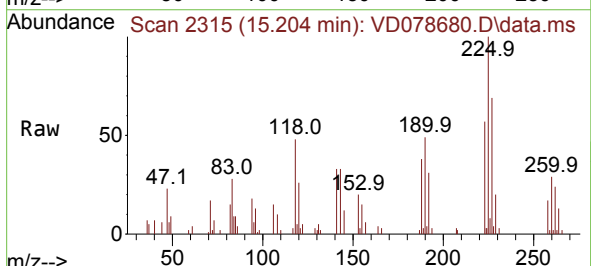
Tgt Ion:225 Resp: 17138

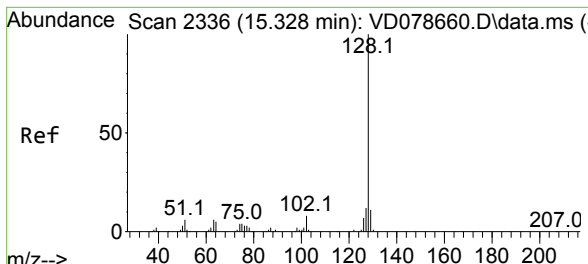
Ion Ratio Lower Upper

225 100

223 66.1 31.9 95.7

227 64.9 32.0 96.0

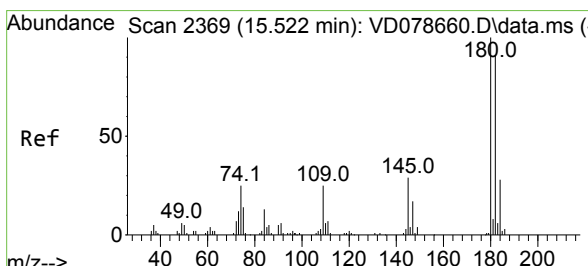
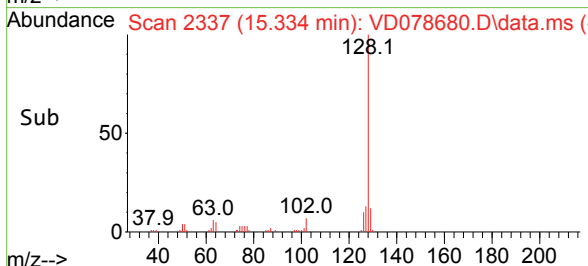
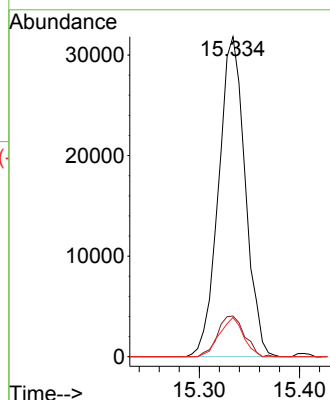
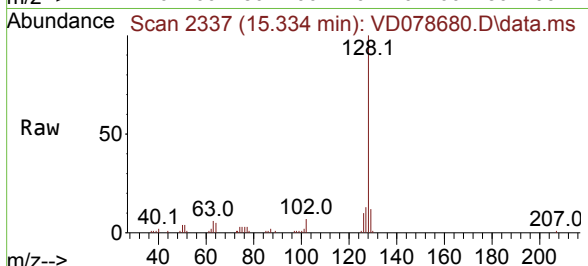




#95
Naphthalene
Concen: 19.072 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Instrument :
MSVOA_D
ClientSampleId :
VD0315SBS01

Tgt Ion:128	Resp:	58577
Ion Ratio	Lower	Upper
128	100	
127	12.7	9.3 13.9
129	12.2	8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.088 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078680.D
Acq: 15 Mar 2024 11:23

Tgt Ion:180	Resp:	30700
Ion Ratio	Lower	Upper
180	100	
182	95.0	46.7 140.1
145	29.1	14.4 43.4

