

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078691.D
 Acq On : 18 Mar 2024 12:27
 Operator : RP/MD
 Sample : VD0318SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01

Quant Time: Mar 19 01:25:02 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	7.875	168	119299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	205655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	192748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96487	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	51484	46.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.100%
35) Dibromofluoromethane	7.810	113	60964	46.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.080%
50) Toluene-d8	10.269	98	225327	46.272	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.540%
62) 4-Bromofluorobenzene	12.575	95	66978	47.014	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.020%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	22504	20.268	ug/l	97
3) Chloromethane	2.152	50	34871	19.891	ug/l	95
4) Vinyl Chloride	2.287	62	54902	21.229	ug/l	94
5) Bromomethane	2.687	94	50818	20.523	ug/l	97
6) Chloroethane	2.840	64	43172	21.406	ug/l	98
7) Trichlorofluoromethane	3.181	101	46121	22.542	ug/l	96
8) Diethyl Ether	3.593	74	12369	20.706	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.981	101	29273	22.798	ug/l	96
10) Methyl Iodide	4.170	142	31221	20.555	ug/l #	96
11) Tert butyl alcohol	5.052	59	6495	129.810	ug/l #	87
12) 1,1-Dichloroethene	3.946	96	26870	22.013	ug/l	92
13) Acrolein	3.805	56	9010	114.955	ug/l	99
14) Allyl chloride	4.564	41	27521	20.206	ug/l	98
15) Acrylonitrile	5.246	53	27851	115.656	ug/l #	89
16) Acetone	4.022	43	24972	115.506	ug/l	95
17) Carbon Disulfide	4.275	76	79997	19.991	ug/l	98
18) Methyl Acetate	4.564	43	8942	19.273	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	54418	22.107	ug/l	100
20) Methylene Chloride	4.805	84	37101	22.491	ug/l #	91
21) trans-1,2-Dichloroethene	5.316	96	31578	21.925	ug/l	92
22) Diisopropyl ether	6.222	45	69175	22.339	ug/l	96
23) Vinyl Acetate	6.152	43	203551	112.377	ug/l	98
24) 1,1-Dichloroethane	6.116	63	50249	21.644	ug/l	98
25) 2-Butanone	7.087	43	33789	117.553	ug/l	92
26) 2,2-Dichloropropane	7.075	77	44225	22.515	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	34295	20.876	ug/l	99
28) Bromochloromethane	7.428	49	17399	21.021	ug/l	93
29) Tetrahydrofuran	7.446	42	17696	113.191	ug/l	97
30) Chloroform	7.593	83	56856	21.964	ug/l	99
31) Cyclohexane	7.875	56	38144	20.298	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	47133	21.460	ug/l	99
36) 1,1-Dichloropropene	8.016	75	39656	20.641	ug/l	96
37) Ethyl Acetate	7.169	43	13165	20.976	ug/l	98
38) Carbon Tetrachloride	7.993	117	43111	21.285	ug/l	90
39) Methylcyclohexane	9.275	83	45600	20.461	ug/l	97
40) Benzene	8.252	78	124192	21.385	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	6297	19.145	ug/l	93
42) 1,2-Dichloroethane	8.328	62	30815	21.758	ug/l	97
43) Isopropyl Acetate	8.363	43	24044	21.065	ug/l #	86
44) Trichloroethene	9.034	130	33643	21.346	ug/l	85
45) 1,2-Dichloropropane	9.305	63	29890	21.696	ug/l	91
46) Dibromomethane	9.393	93	17142	20.757	ug/l	99
47) Bromodichloromethane	9.587	83	42689	21.714	ug/l	98
48) Methyl methacrylate	9.381	41	11969	21.521	ug/l	97
49) 1,4-Dioxane	9.381	88	3198	418.238	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	67784	113.594	ug/l	97
52) Toluene	10.328	92	76339	20.417	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	38678	21.518	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	46348	21.449	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	24362	22.029	ug/l	97
56) Ethyl methacrylate	10.599	69	23251	20.973	ug/l	93
57) 1,3-Dichloropropane	10.881	76	38308	21.468	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	50547	103.401	ug/l	95
59) 2-Hexanone	10.922	43	50702	114.619	ug/l	99
60) Dibromochloromethane	11.075	129	30388	22.282	ug/l	96
61) 1,2-Dibromoethane	11.175	107	21760	20.332	ug/l	97
64) Tetrachloroethene	10.810	164	26228	20.562	ug/l	90
65) Chlorobenzene	11.604	112	83095	20.630	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	31117	21.095	ug/l	99
67) Ethyl Benzene	11.681	91	140494	20.469	ug/l	97
68) m/p-Xylenes	11.793	106	114264	40.997	ug/l	98
69) o-Xylene	12.122	106	50830	19.711	ug/l	97
70) Styrene	12.134	104	91047	21.035	ug/l	99
71) Bromoform	12.298	173	17327	21.735	ug/l #	94
73) Isopropylbenzene	12.422	105	133820	21.065	ug/l	99
74) N-amyl acetate	12.234	43	23274	22.565	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	28056	23.857	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	31298	42.103	ug/l #	100
77) Bromobenzene	12.698	156	33480	21.251	ug/l	98
78) n-propylbenzene	12.763	91	166546	21.538	ug/l	100
79) 2-Chlorotoluene	12.851	91	88132	20.776	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	115318	21.951	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	7309	20.610	ug/l	87
82) 4-Chlorotoluene	12.945	91	96715	21.555	ug/l	97
83) tert-Butylbenzene	13.169	119	97221	21.463	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	113282	21.398	ug/l	98
85) sec-Butylbenzene	13.345	105	150791	21.997	ug/l	98
86) p-Isopropyltoluene	13.463	119	125409	21.370	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	69732	20.974	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	72055	21.991	ug/l	99
89) n-Butylbenzene	13.787	91	113417	21.400	ug/l	100
90) Hexachloroethane	14.057	117	26288	21.649	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	61732	21.559	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3570	22.693	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	34911	20.891	ug/l	98
94) Hexachlorobutadiene	15.204	225	18994	20.995	ug/l	97
95) Naphthalene	15.334	128	58980	20.300	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	30697	21.233	ug/l	99

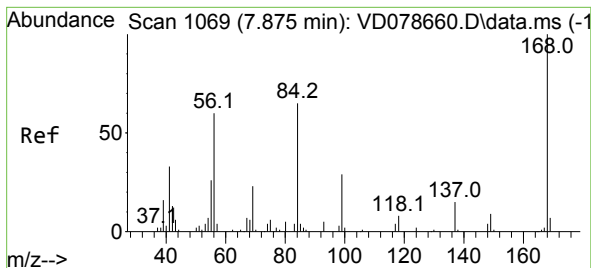
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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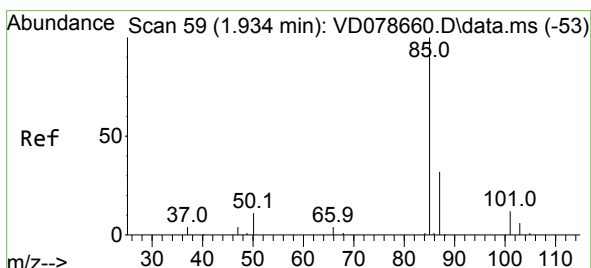
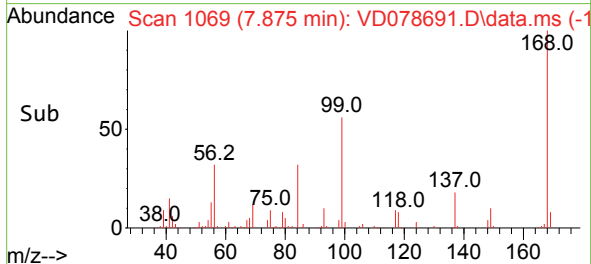
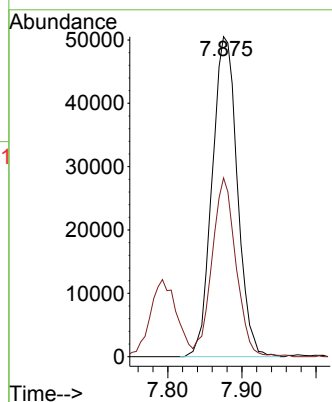
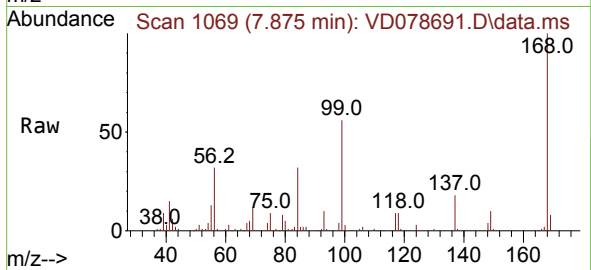
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

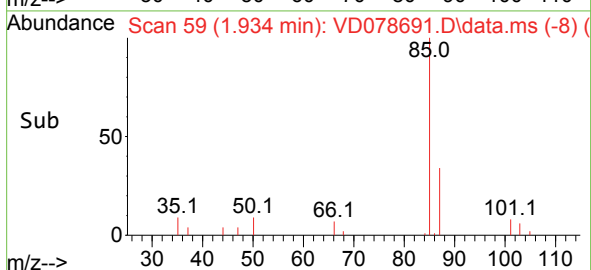
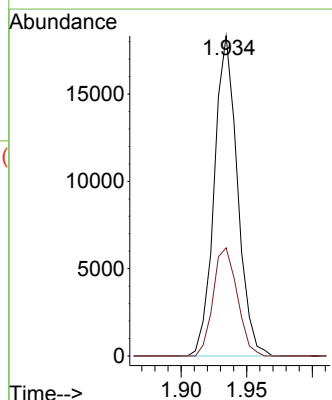
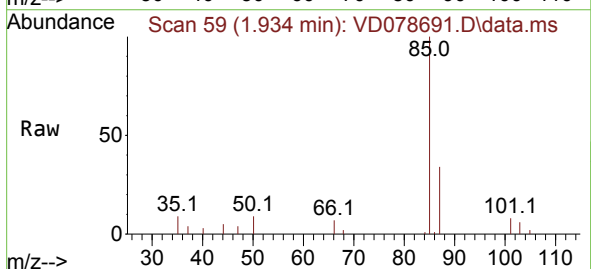
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ClientSampleId :
VD0318SBS01

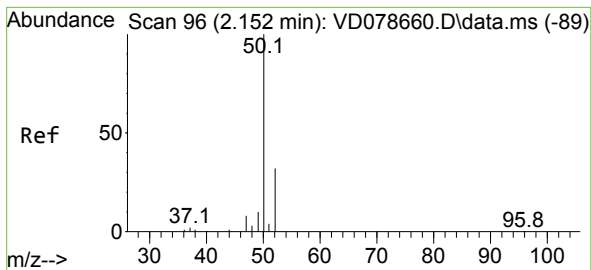
Tgt Ion:168 Resp: 119299
Ion Ratio Lower Upper
168 100
99 55.4 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 20.268 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion: 85 Resp: 22504
Ion Ratio Lower Upper
85 100
87 33.8 16.2 48.5





#3

Chloromethane

Concen: 19.891 ug/l

RT: 2.152 min Scan# 96

Delta R.T. 0.000 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

Instrument :

MSVOA_D

ClientSampleId :

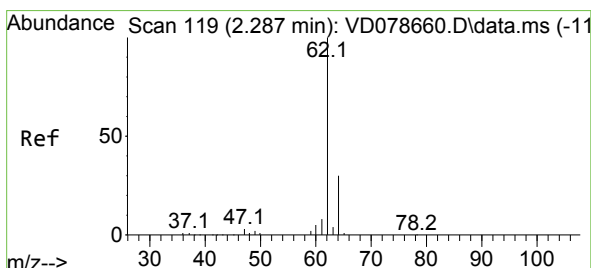
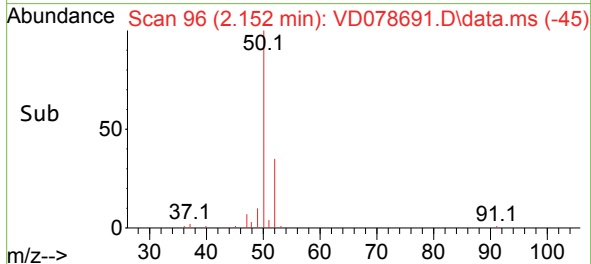
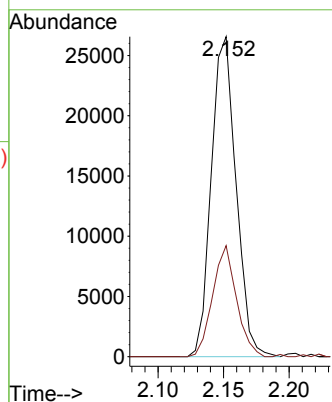
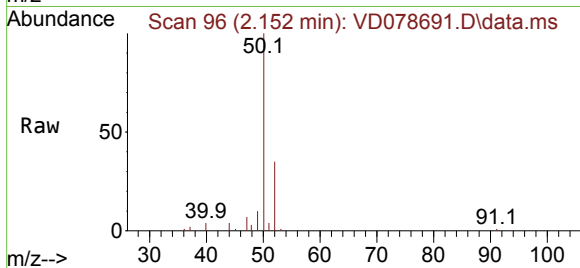
VD0318SBS01

Tgt Ion: 50 Resp: 34871

Ion Ratio Lower Upper

50 100

52 34.7 25.6 38.4



#4

Vinyl Chloride

Concen: 21.229 ug/l

RT: 2.287 min Scan# 119

Delta R.T. 0.000 min

Lab File: VD078691.D

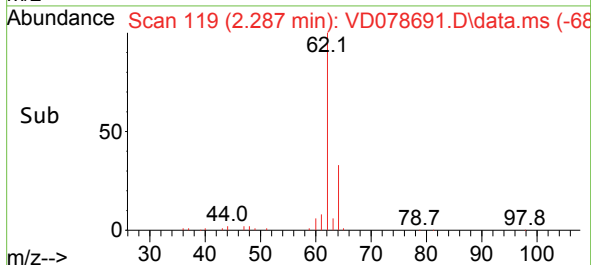
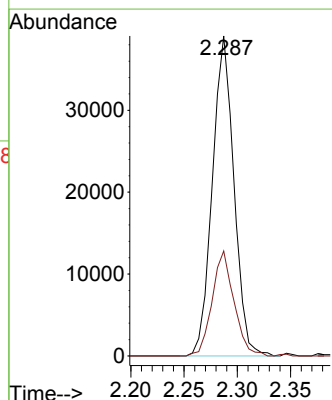
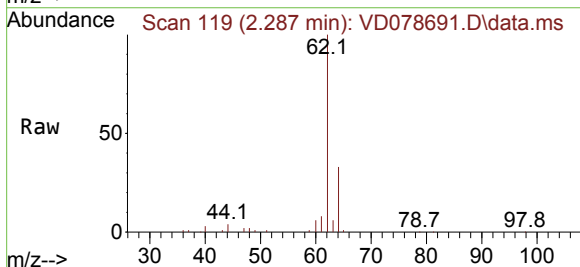
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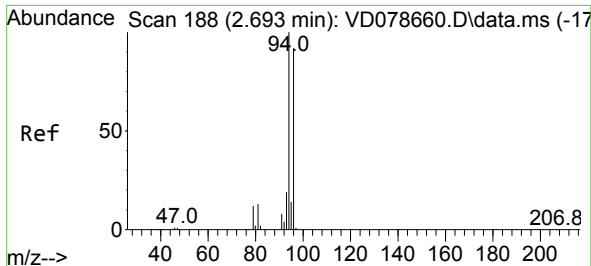
Tgt Ion: 62 Resp: 54902

Ion Ratio Lower Upper

62 100

64 32.8 23.7 35.5

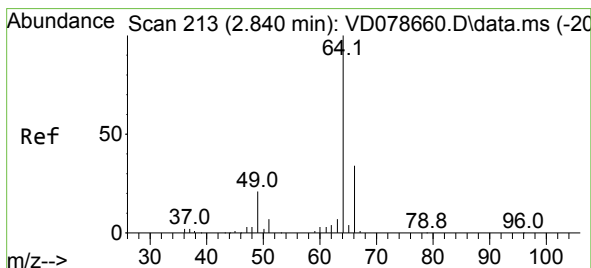
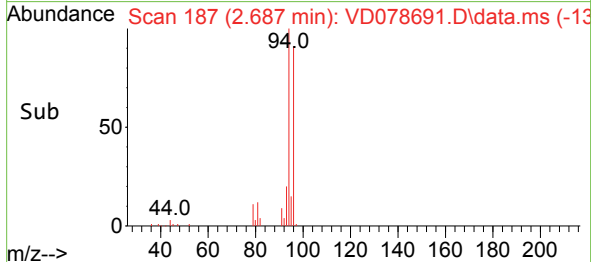
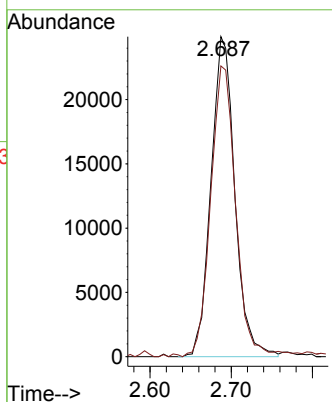
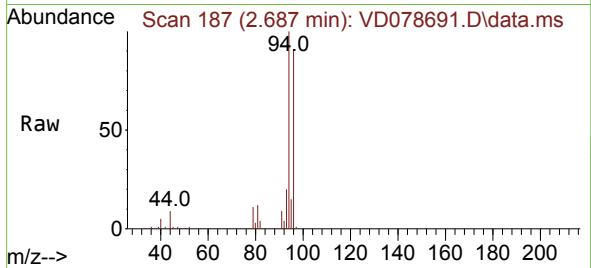




#5
Bromomethane
Concen: 20.523 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

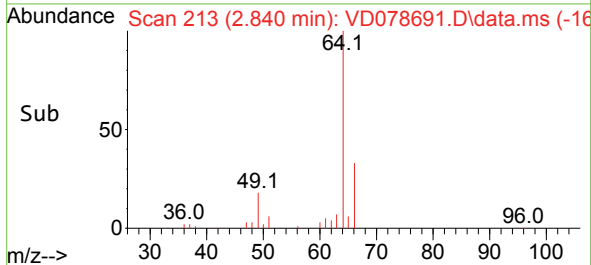
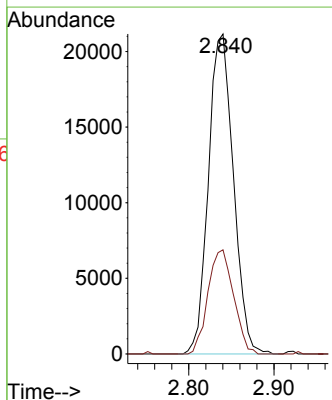
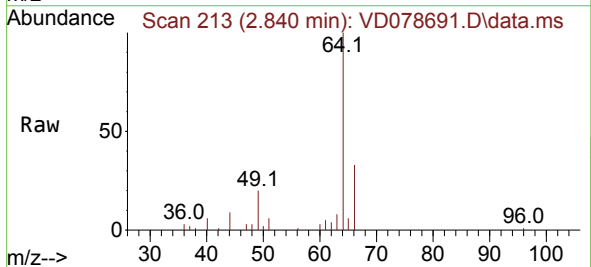
Instrument :
MSVOA_D
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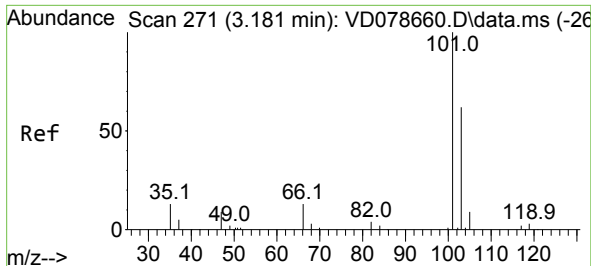
Tgt Ion: 94 Resp: 50818
Ion Ratio Lower Upper
94 100
96 94.4 73.5 110.3



#6
Chloroethane
Concen: 21.406 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion: 64 Resp: 43172
Ion Ratio Lower Upper
64 100
66 32.5 26.8 40.2

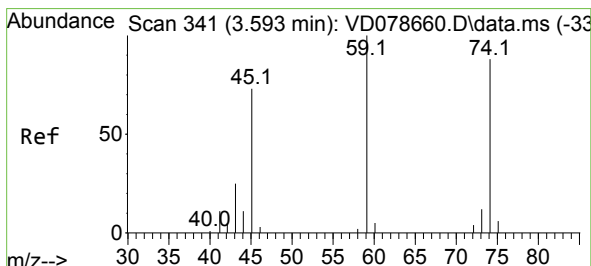
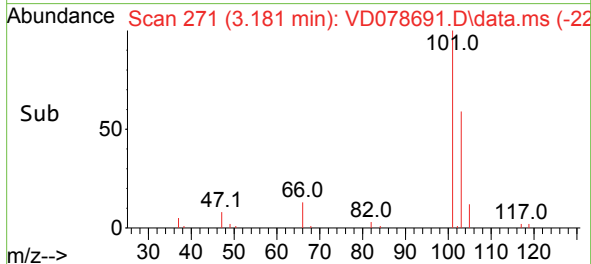
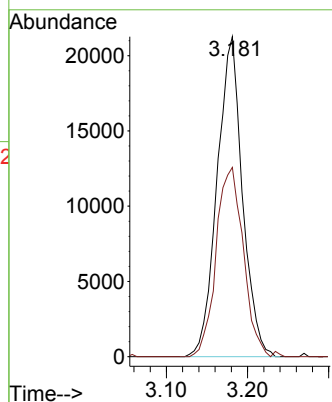
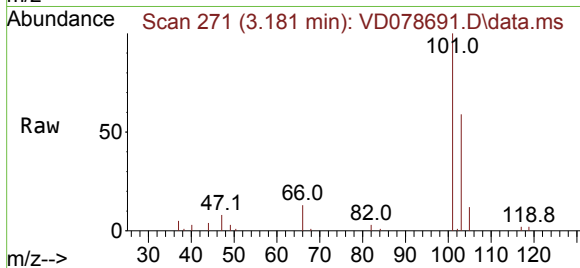




#7
 Trichlorofluoromethane
 Concen: 22.542 ug/l
 RT: 3.181 min Scan# 271
 Delta R.T. 0.000 min
 Lab File: VD078691.D
 Acq: 18 Mar 2024 12:27

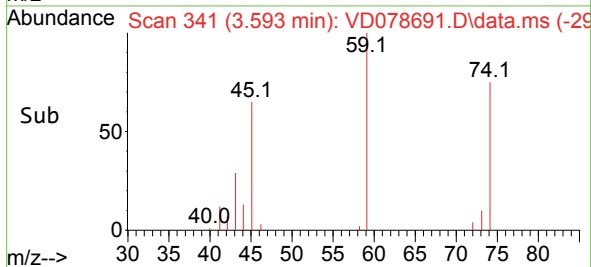
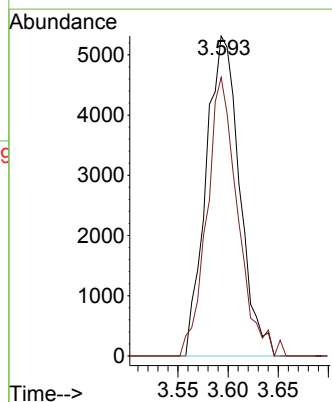
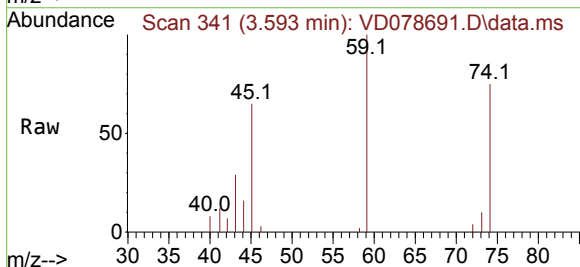
Instrument :
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 ClientSampleId :
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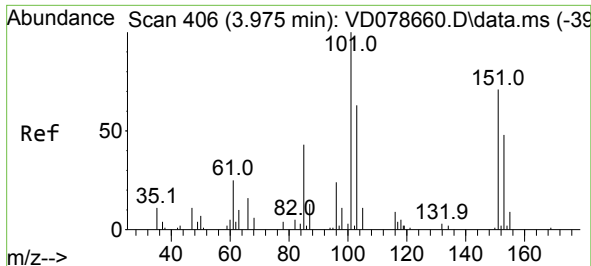
Tgt Ion:101 Resp: 46121
 Ion Ratio Lower Upper
 101 100
 103 59.2 49.7 74.5



#8
 Diethyl Ether
 Concen: 20.706 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD078691.D
 Acq: 18 Mar 2024 12:27

Tgt Ion: 74 Resp: 12369
 Ion Ratio Lower Upper
 74 100
 45 80.3 42.4 127.3

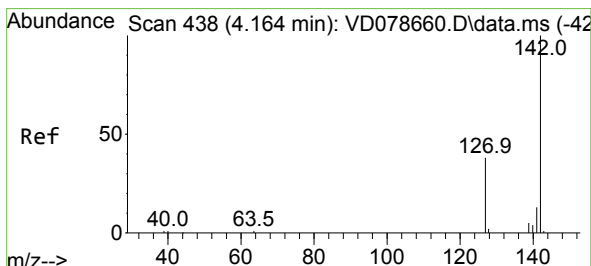
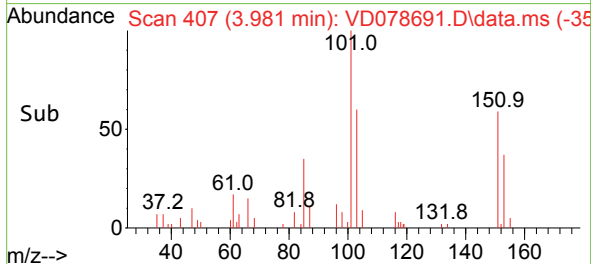
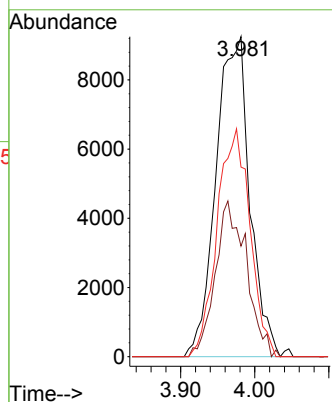
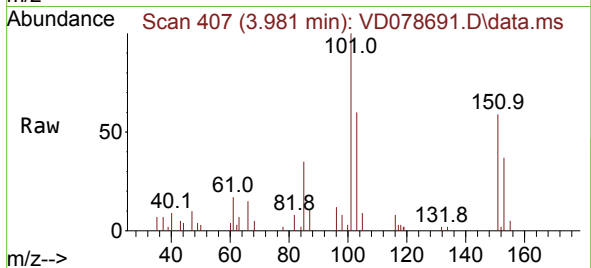




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.798 ug/l
RT: 3.981 min Scan# 407
Delta R.T. 0.006 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

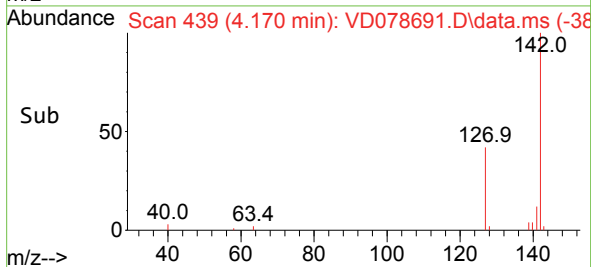
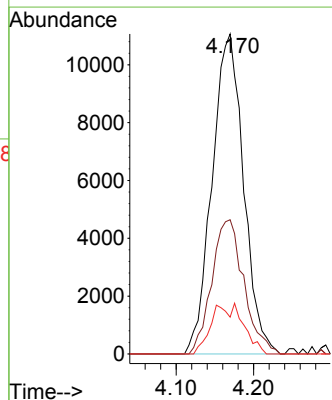
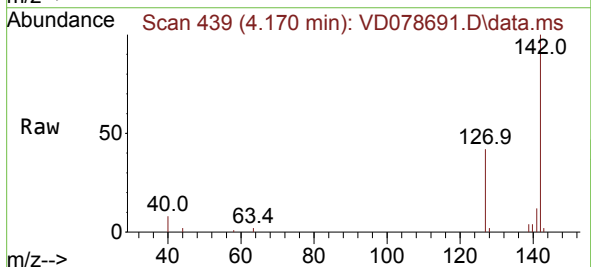
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

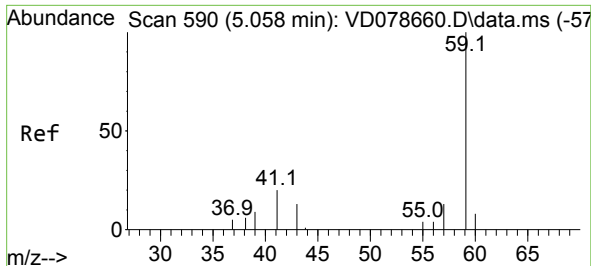
Tgt Ion:101 Resp: 29273
Ion Ratio Lower Upper
101 100
85 44.9 35.8 53.6
151 69.2 59.4 89.2



#10
Methyl Iodide
Concen: 20.555 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion:142 Resp: 31221
Ion Ratio Lower Upper
142 100
127 42.8 33.5 50.3
141 9.5 11.7 17.5#

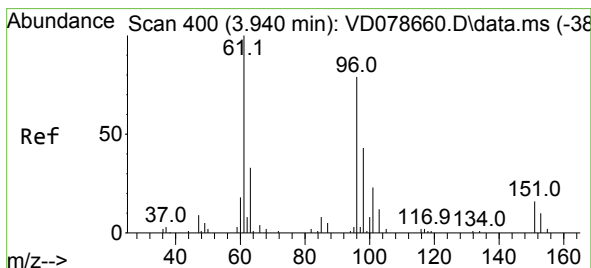
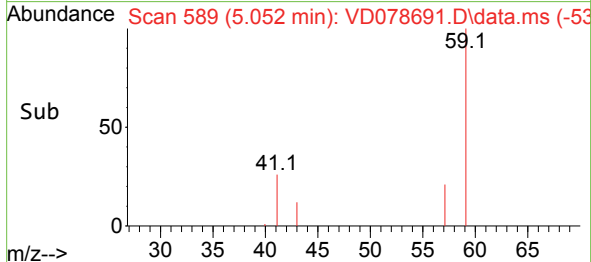
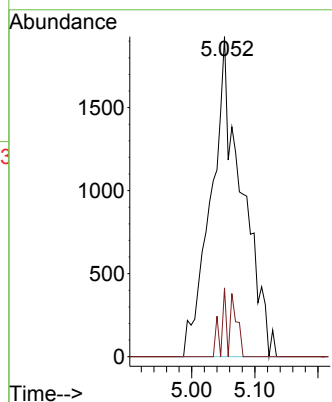
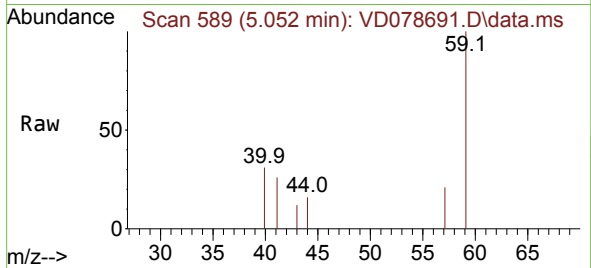




#11
Tert butyl alcohol
Concen: 129.810 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

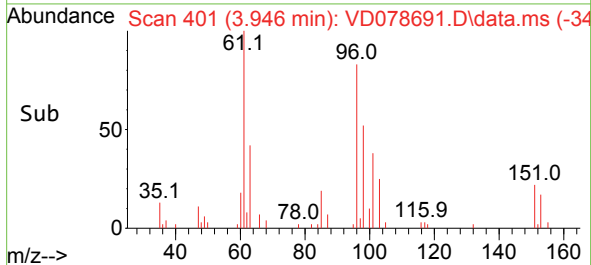
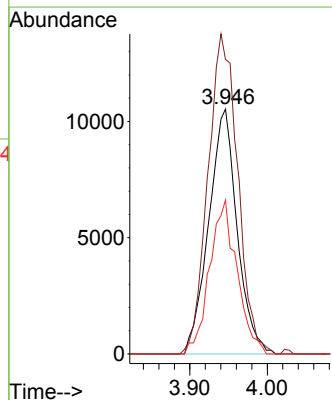
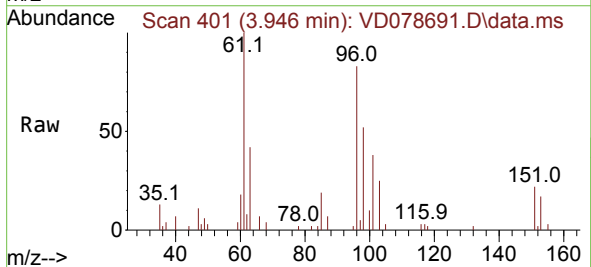
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

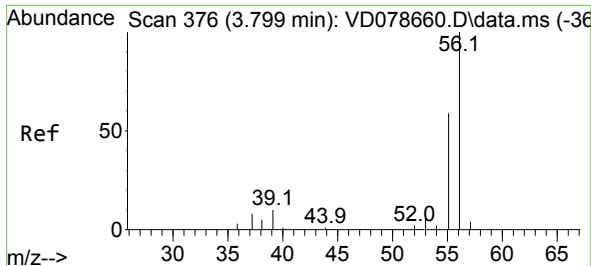
Tgt Ion: 59 Resp: 6495
Ion Ratio Lower Upper
59 100
57 4.3 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 22.013 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion: 96 Resp: 26870
Ion Ratio Lower Upper
96 100
61 120.3 101.4 152.0
98 62.9 43.4 65.0

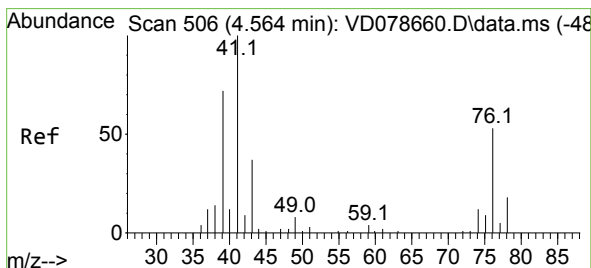
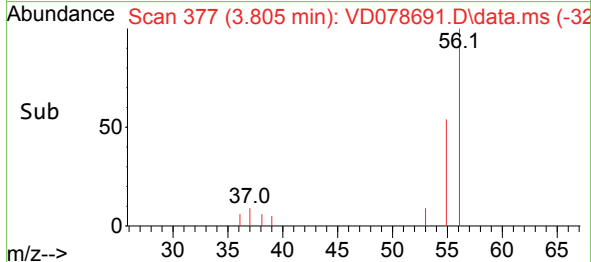
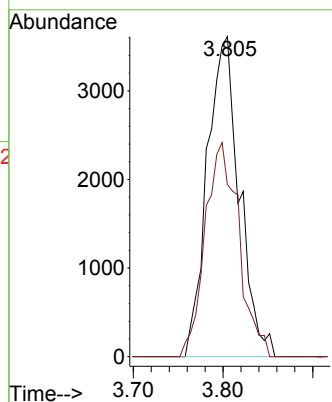
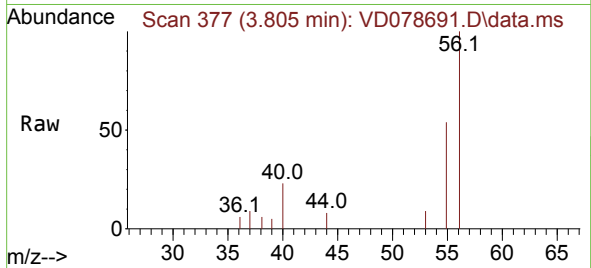




#13
Acrolein
Concen: 114.955 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

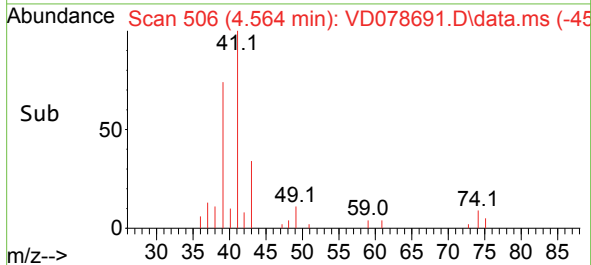
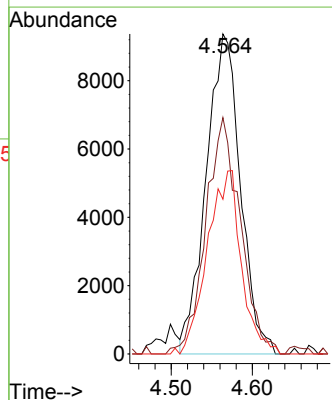
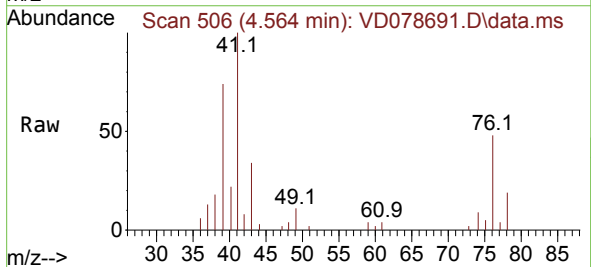
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

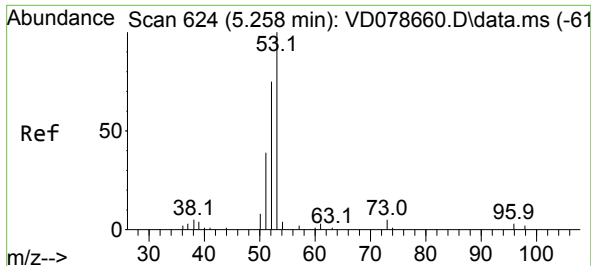
Tgt Ion: 56 Resp: 9010
Ion Ratio Lower Upper
56 100
55 69.7 54.9 82.3



#14
Allyl chloride
Concen: 20.206 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion: 41 Resp: 27521
Ion Ratio Lower Upper
41 100
39 74.7 57.8 86.6
76 56.7 44.8 67.2

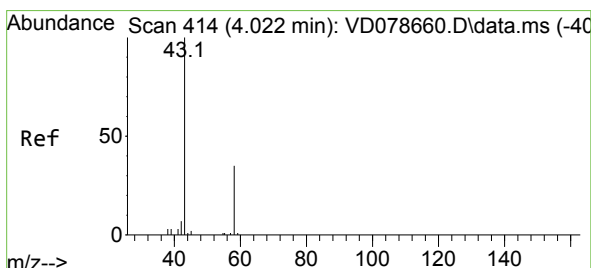
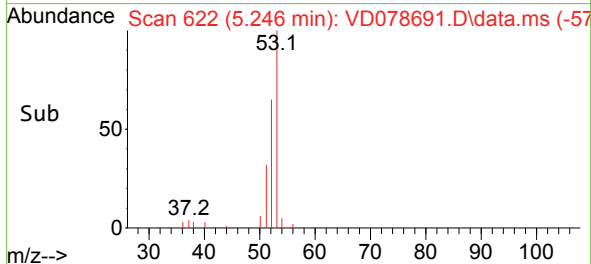
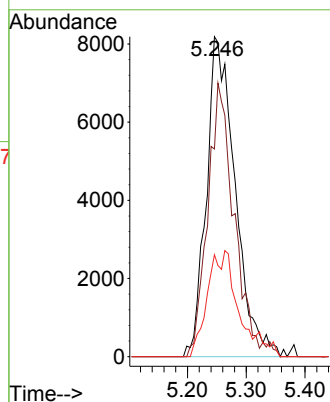
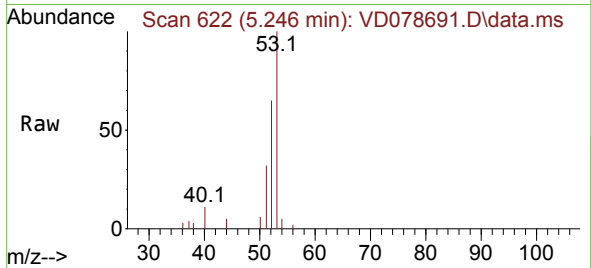




#15
Acrylonitrile
Concen: 115.656 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

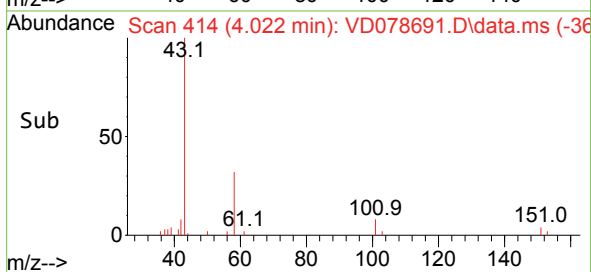
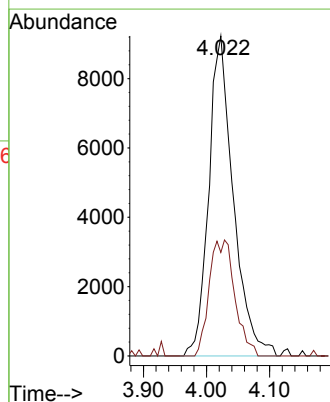
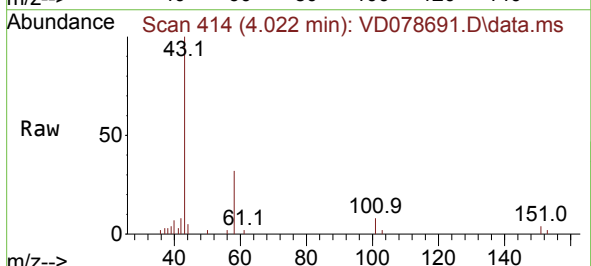
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

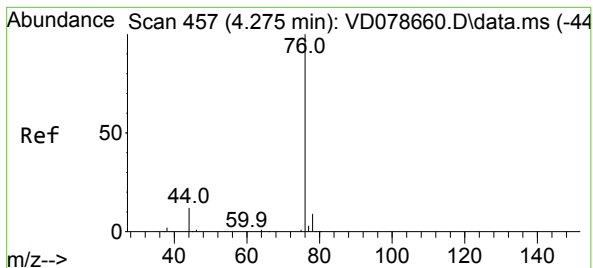
Tgt Ion	Ratio	Lower	Upper
53	100		
52	78.8	61.9	92.9
51	17.2	29.0	43.4



#16
Acetone
Concen: 115.506 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.4	28.2	42.4





#17

Carbon Disulfide

Concen: 19.991 ug/l

RT: 4.275 min Scan# 4

Delta R.T. 0.000 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

Instrument :

MSVOA_D

ClientSampleId :

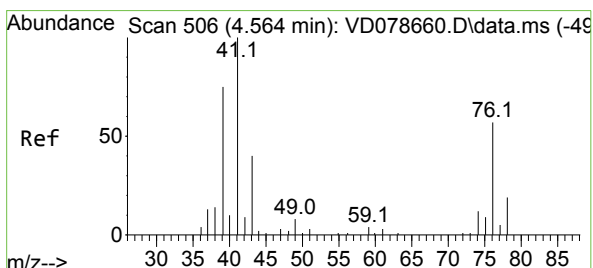
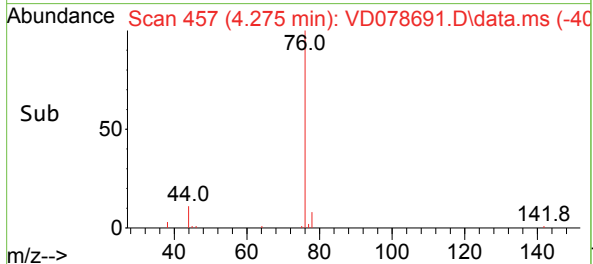
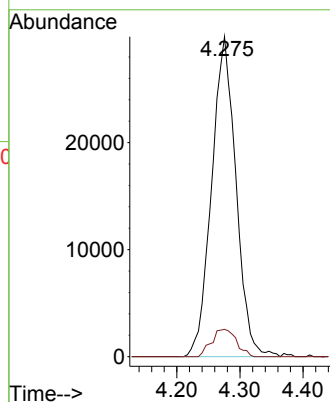
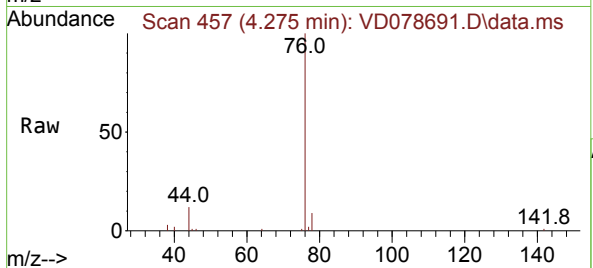
VD0318SBS01

Tgt Ion: 76 Resp: 79997

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9



#18

Methyl Acetate

Concen: 19.273 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD078691.D

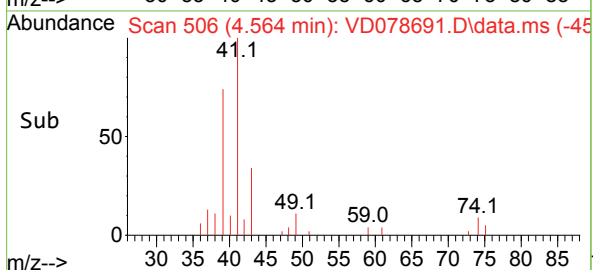
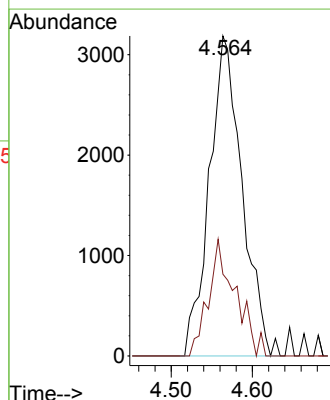
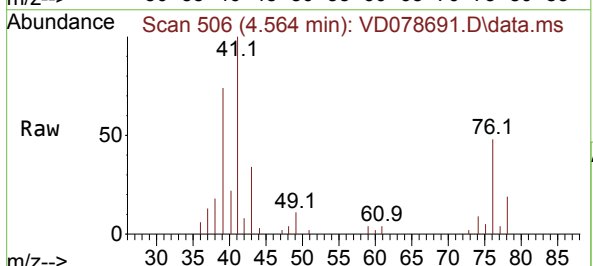
Acq: 18 Mar 2024 12:27

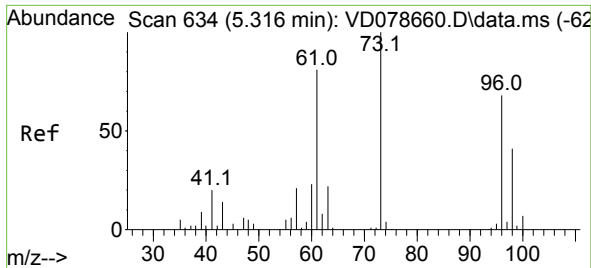
Tgt Ion: 43 Resp: 8942

Ion Ratio Lower Upper

43 100

74 30.0 25.3 37.9

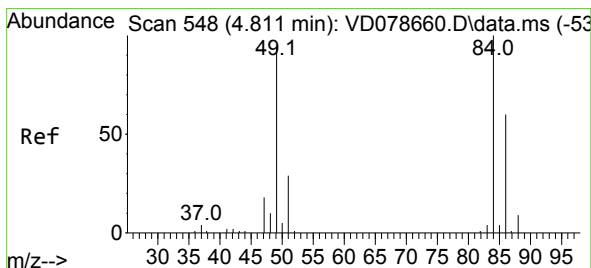
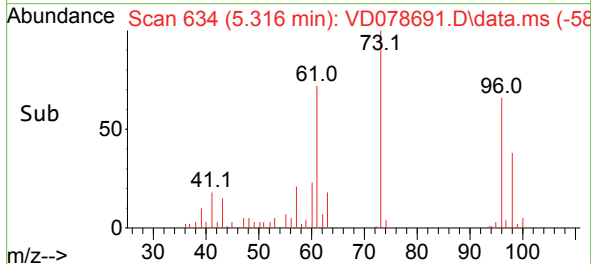
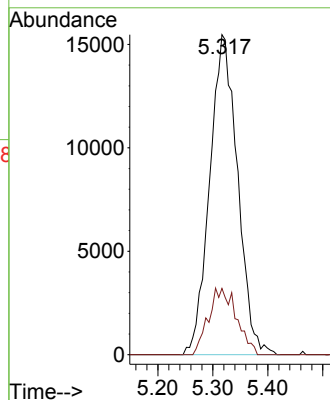
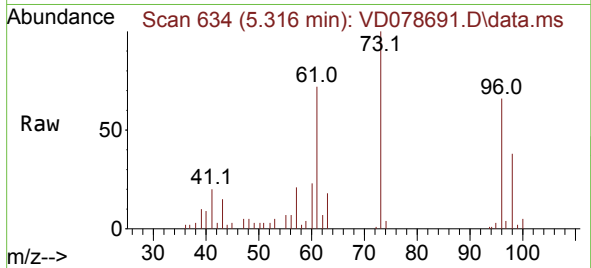




#19
Methyl tert-butyl Ether
Concen: 22.107 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

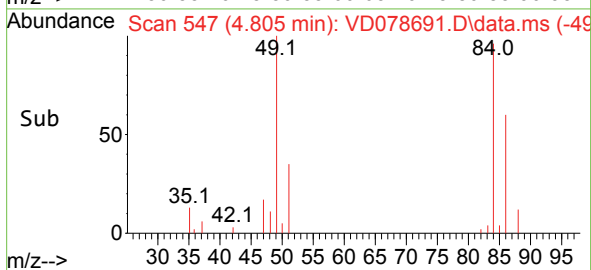
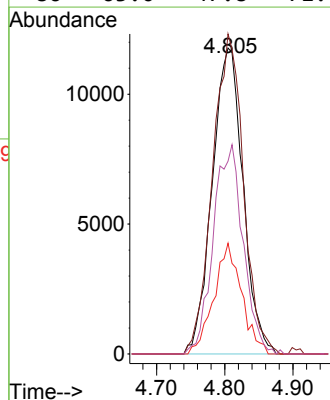
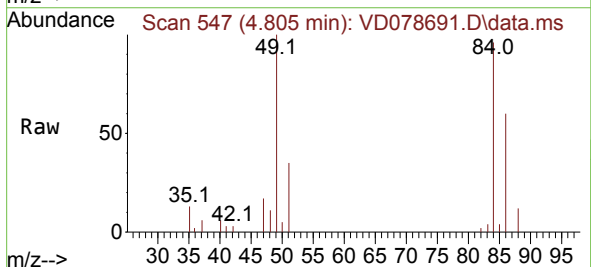
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

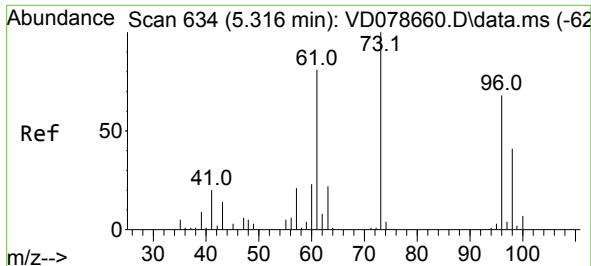
Tgt Ion: 73 Resp: 54418
Ion Ratio Lower Upper
73 100
57 20.7 16.4 24.6



#20
Methylene Chloride
Concen: 22.491 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

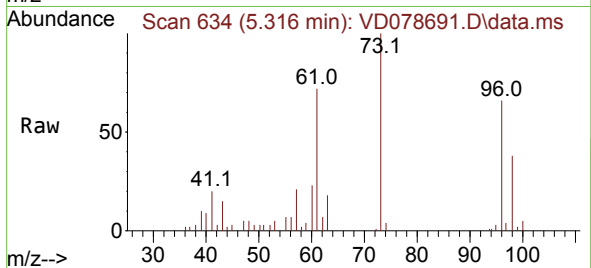
Tgt Ion: 84 Resp: 37101
Ion Ratio Lower Upper
84 100
49 104.6 75.6 113.4
51 36.2 23.4 35.0#
86 63.0 47.8 71.6



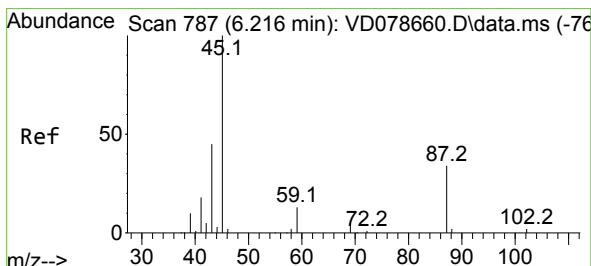
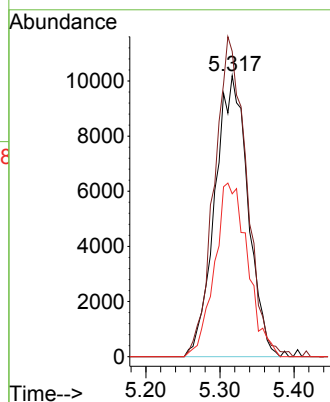
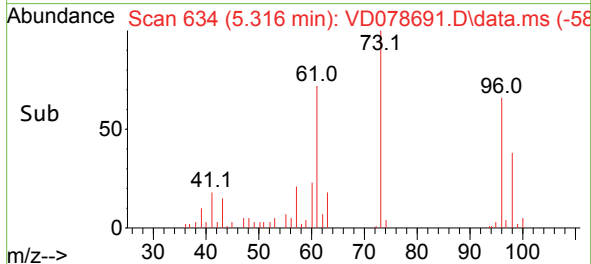


#21
trans-1,2-Dichloroethene
Concen: 21.925 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

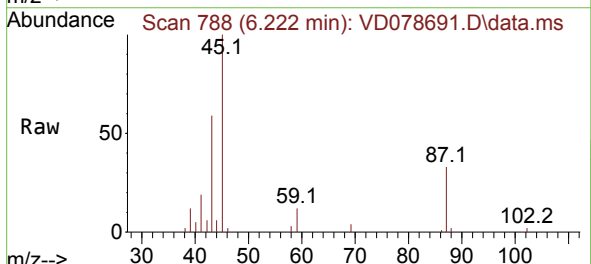
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01



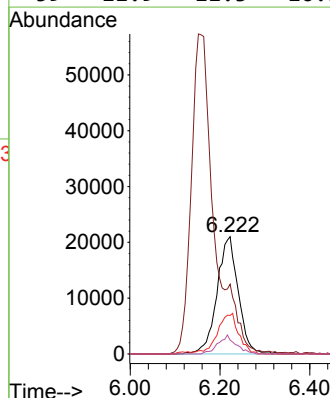
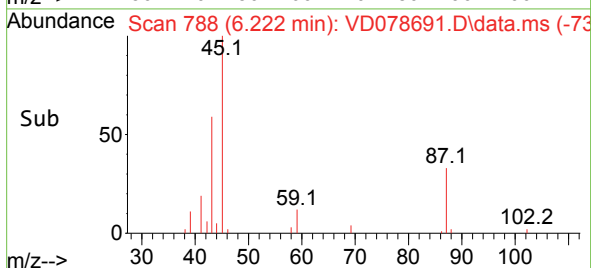
Tgt Ion: 96 Resp: 31578
Ion Ratio Lower Upper
96 100
61 108.6 96.1 144.1
98 57.9 48.9 73.3

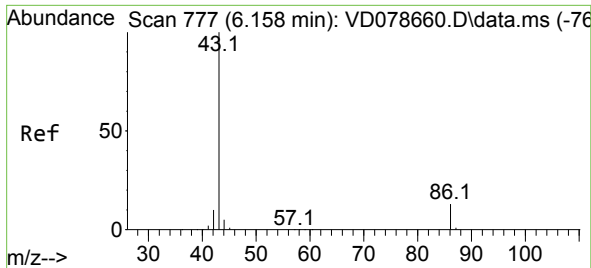


#22
Diisopropyl ether
Concen: 22.339 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27



Tgt Ion: 45 Resp: 69175
Ion Ratio Lower Upper
45 100
43 58.1 44.3 66.5
87 32.9 28.3 42.5
59 11.9 11.3 16.9

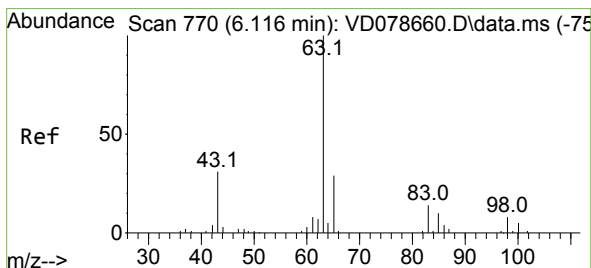
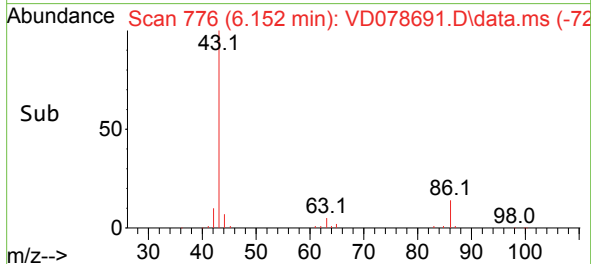
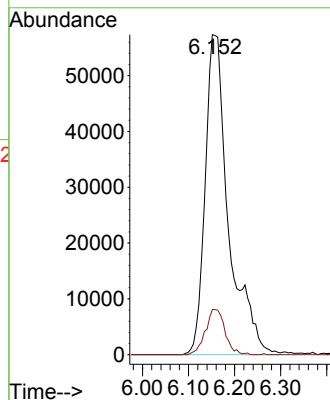
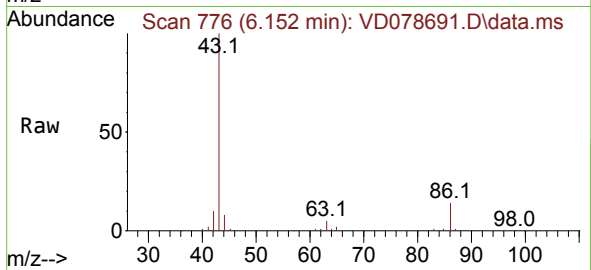




#23
 Vinyl Acetate
 Concen: 112.377 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD078691.D
 Acq: 18 Mar 2024 12:27

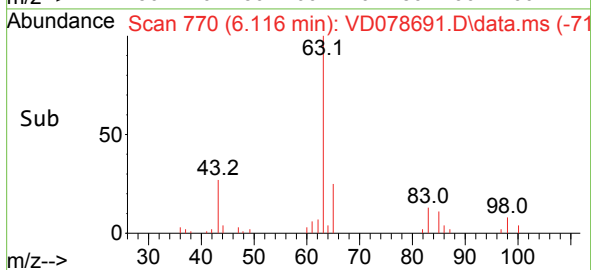
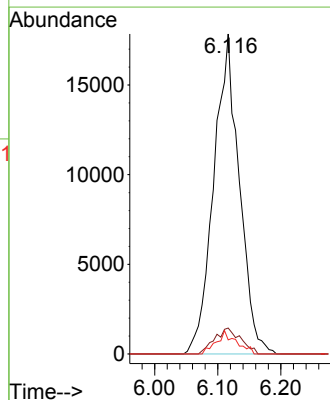
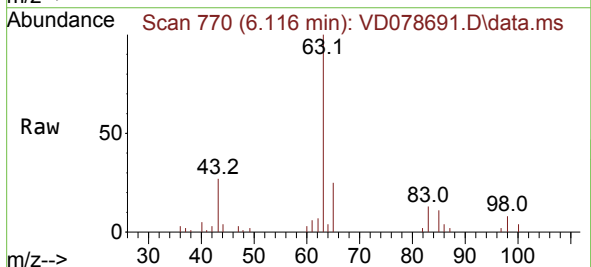
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01

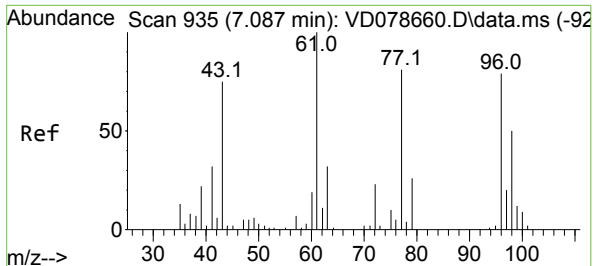
Tgt Ion: 43 Resp: 203551
 Ion Ratio Lower Upper
 43 100
 86 14.1 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 21.644 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078691.D
 Acq: 18 Mar 2024 12:27

Tgt Ion: 63 Resp: 50249
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 11.9
 100 4.4 2.7 8.1





#25

2-Butanone

Concen: 117.553 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

Instrument :

MSVOA_D

ClientSampleId :

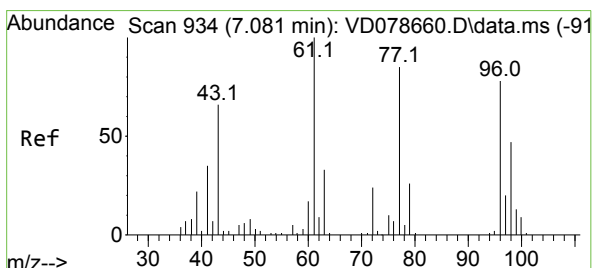
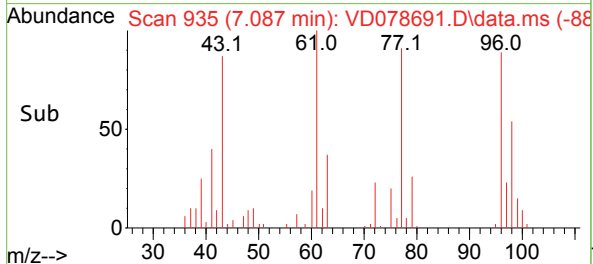
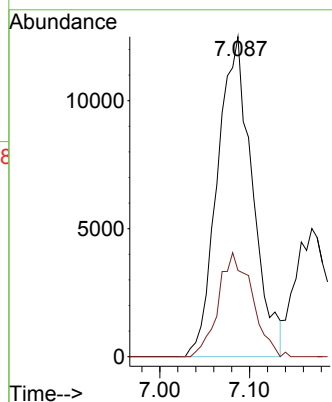
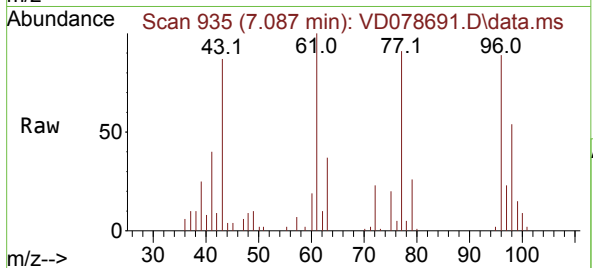
VD0318SBS01

Tgt Ion: 43 Resp: 33789

Ion Ratio Lower Upper

43 100

72 27.0 25.0 37.6



#26

2,2-Dichloropropane

Concen: 22.515 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD078691.D

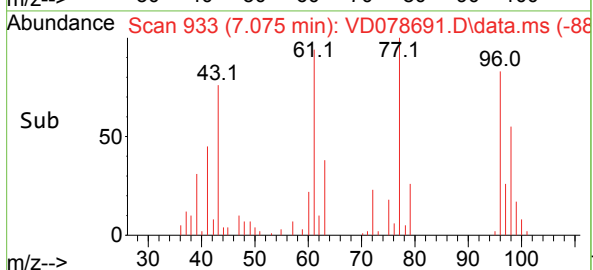
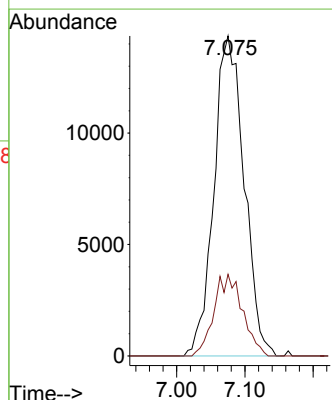
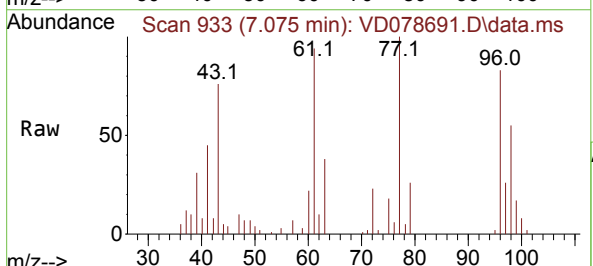
Acq: 18 Mar 2024 12:27

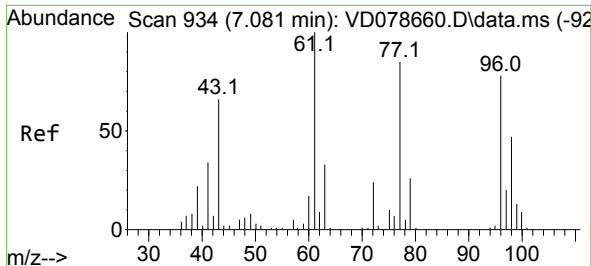
Tgt Ion: 77 Resp: 44225

Ion Ratio Lower Upper

77 100

97 24.1 12.4 37.0

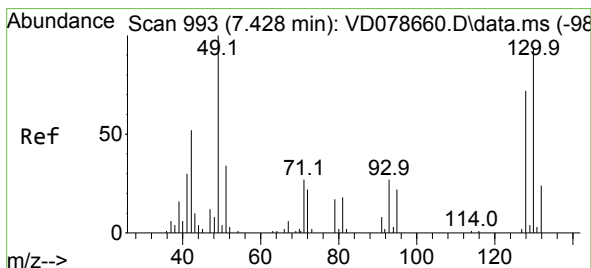
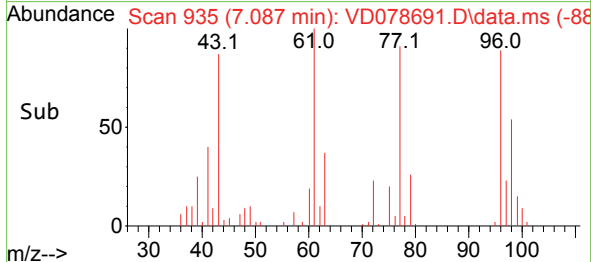
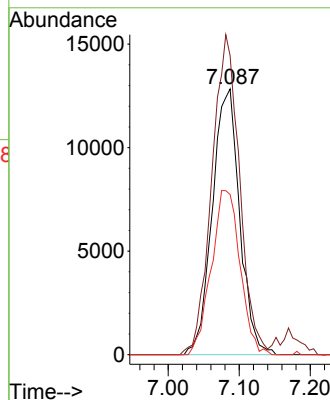
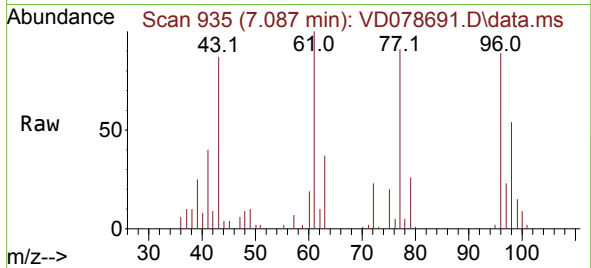




#27
 cis-1,2-Dichloroethene
 Concen: 20.876 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078691.D
 Acq: 18 Mar 2024 12:27

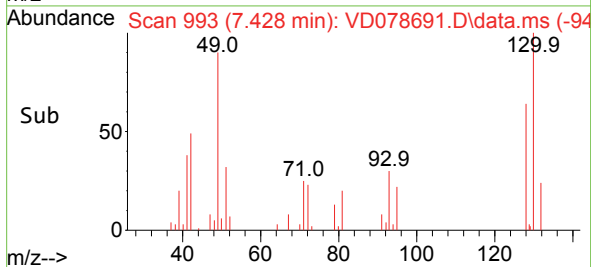
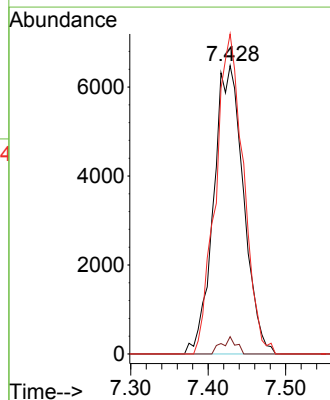
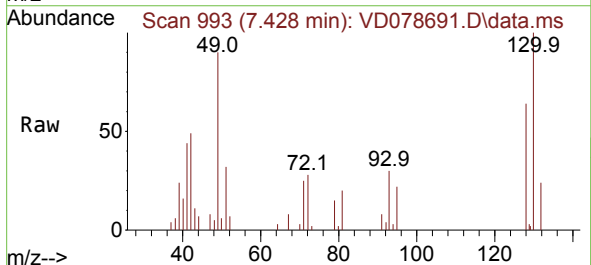
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01

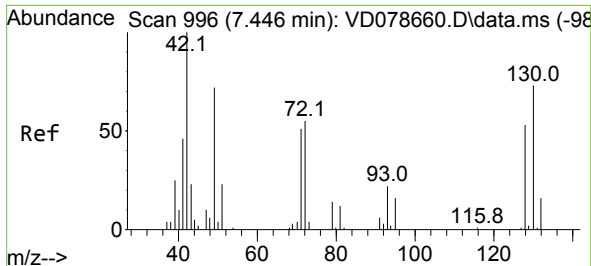
Tgt Ion: 96 Resp: 34295
 Ion Ratio Lower Upper
 96 100
 61 122.0 0.0 245.0
 98 64.9 0.0 126.6



#28
 Bromochloromethane
 Concen: 21.021 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078691.D
 Acq: 18 Mar 2024 12:27

Tgt Ion: 49 Resp: 17399
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 6.2
 130 103.2 77.1 115.7

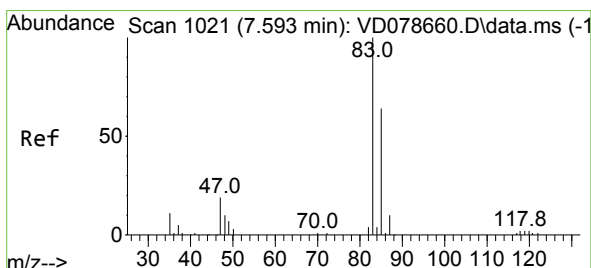
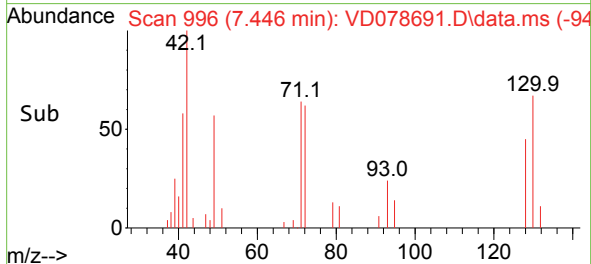
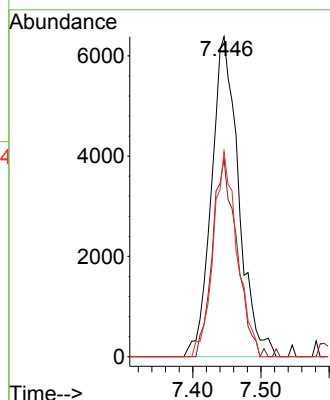
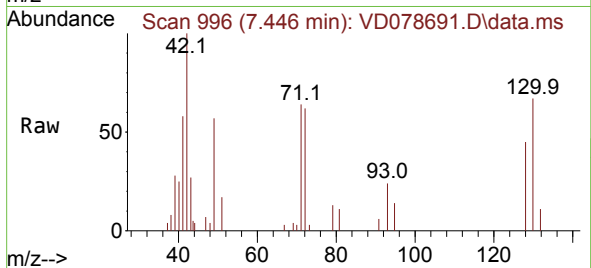




#29
Tetrahydrofuran
Concen: 113.191 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

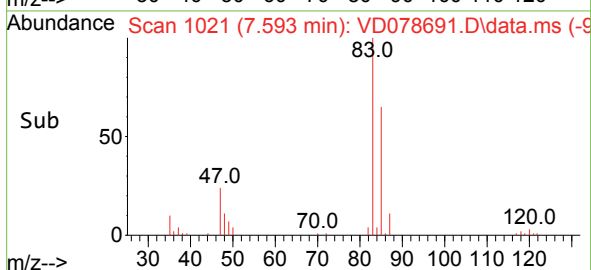
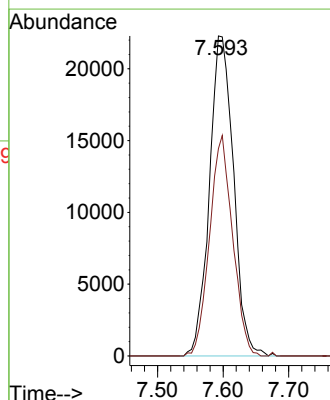
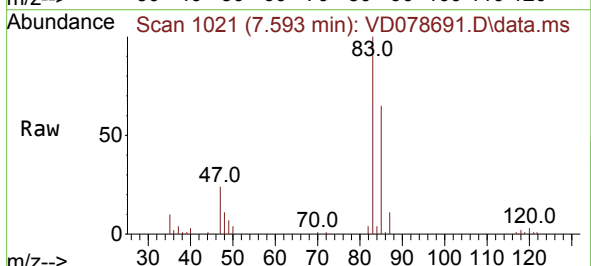
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

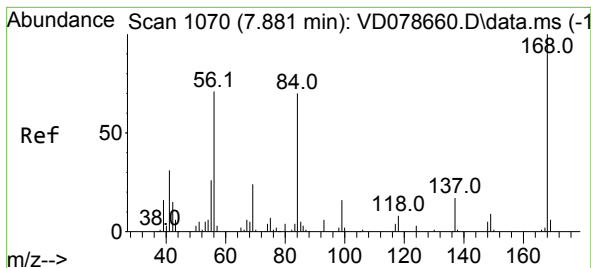
Tgt Ion:	42	Resp:	17696
Ion	Ratio	Lower	Upper
42	100		
72	55.7	43.8	65.6
71	56.2	42.0	63.0



#30
Chloroform
Concen: 21.964 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion:	83	Resp:	56856
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.2	76.8





#31

Cyclohexane

Concen: 20.298 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

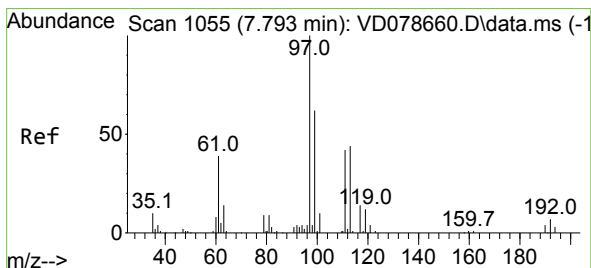
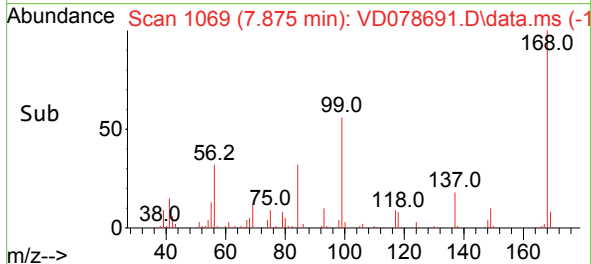
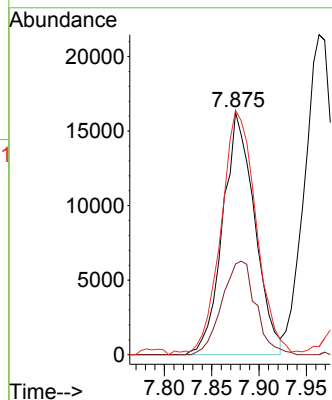
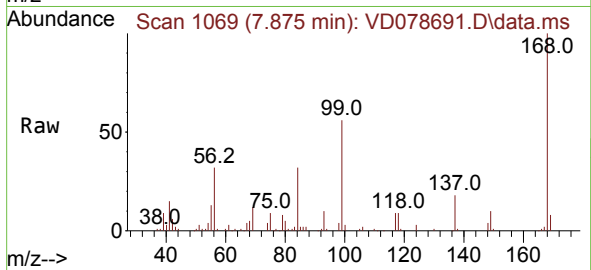
Tgt Ion: 56 Resp: 38144

Ion Ratio Lower Upper

56 100

69 37.4 26.6 40.0

84 99.8 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 21.460 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

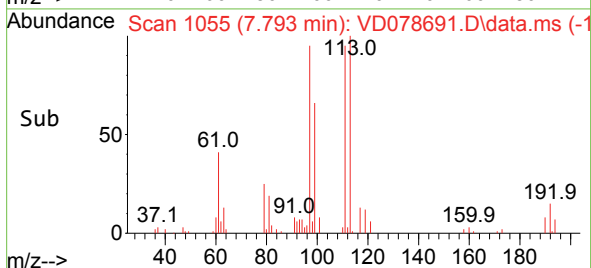
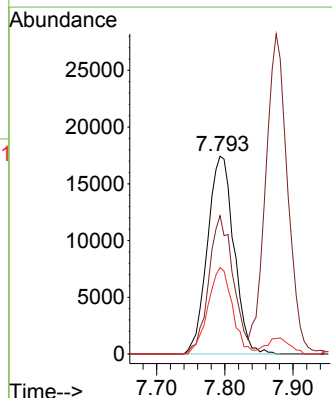
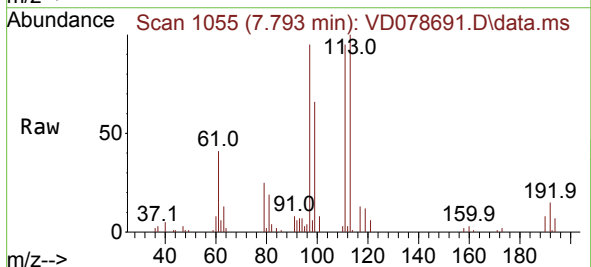
Tgt Ion: 97 Resp: 47133

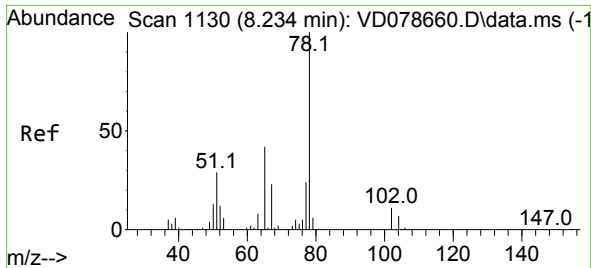
Ion Ratio Lower Upper

97 100

99 64.4 50.8 76.2

61 40.5 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 46.049 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

Instrument :

MSVOA_D

ClientSampleId :

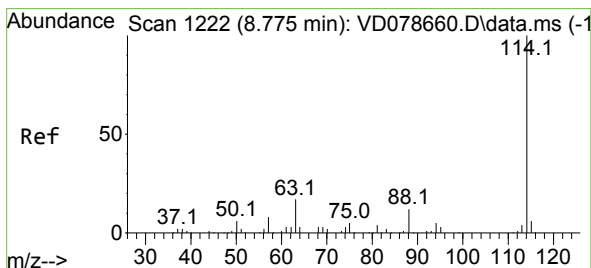
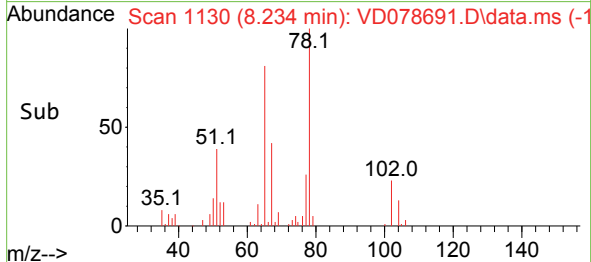
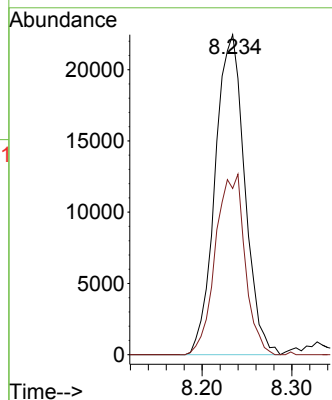
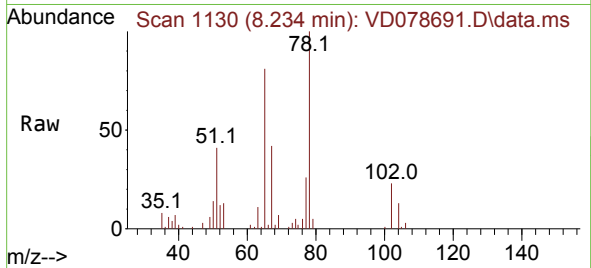
VD0318SBS01

Tgt Ion: 65 Resp: 51484

Ion Ratio Lower Upper

65 100

67 56.1 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

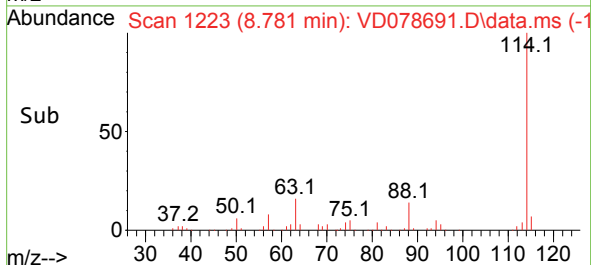
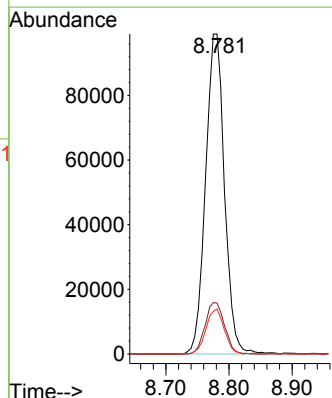
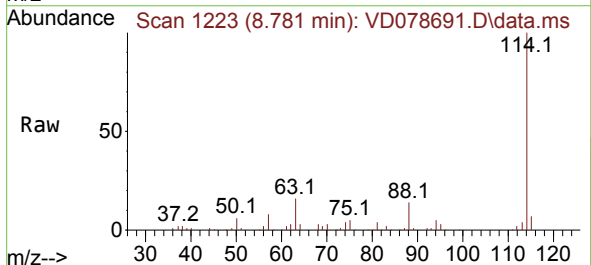
Tgt Ion: 114 Resp: 205655

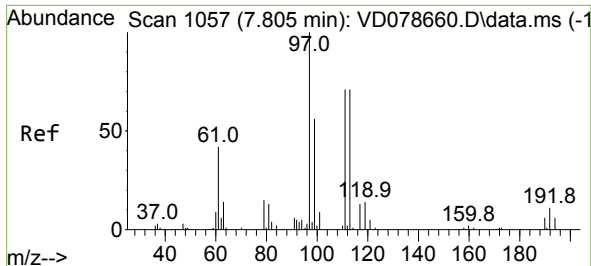
Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.4

88 14.1 0.0 24.6





#35

Dibromofluoromethane

Concen: 46.042 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

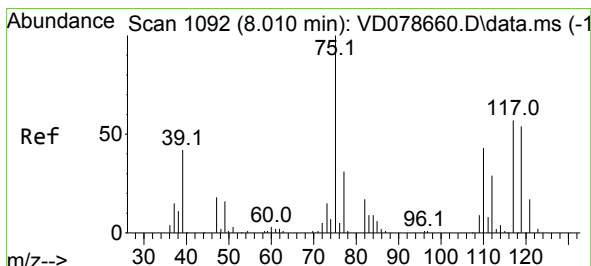
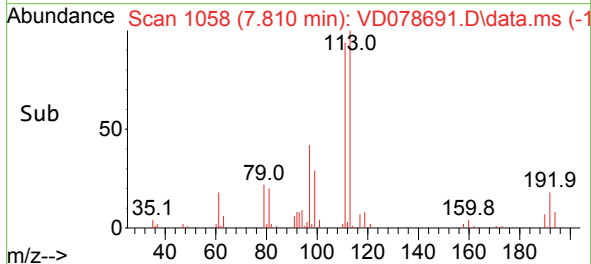
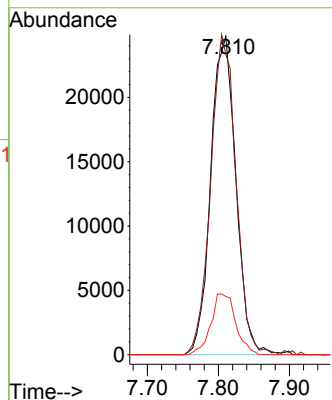
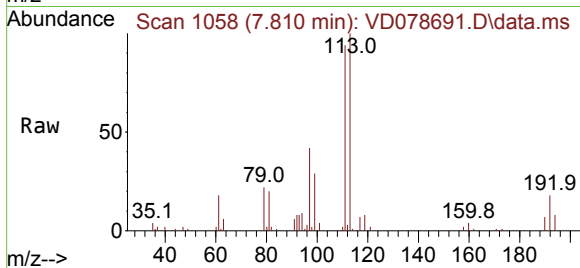
Tgt Ion:113 Resp: 60964

Ion Ratio Lower Upper

113 100

111 100.6 81.9 122.9

192 18.8 15.4 23.0



#36

1,1-Dichloropropene

Concen: 20.641 ug/l

RT: 8.016 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

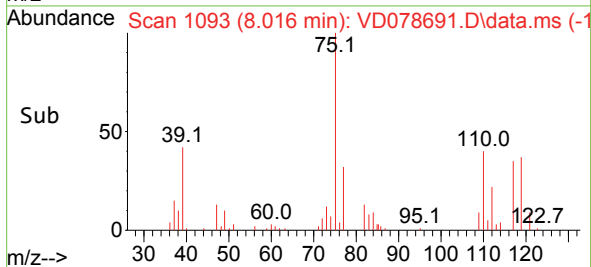
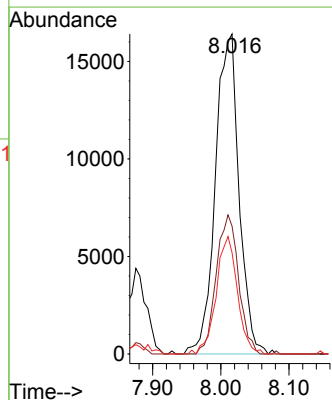
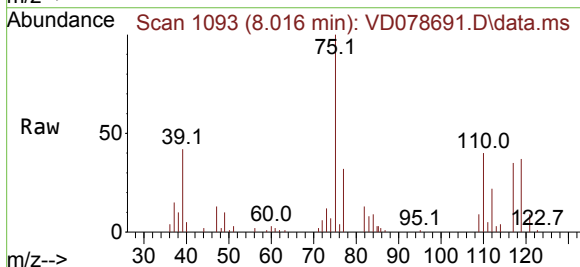
Tgt Ion: 75 Resp: 39656

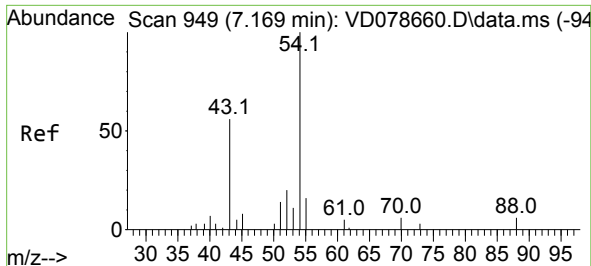
Ion Ratio Lower Upper

75 100

110 41.1 19.1 57.1

77 33.0 25.4 38.2

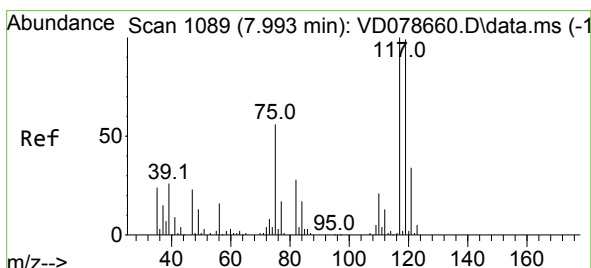
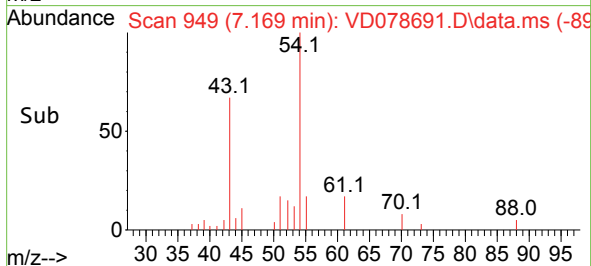
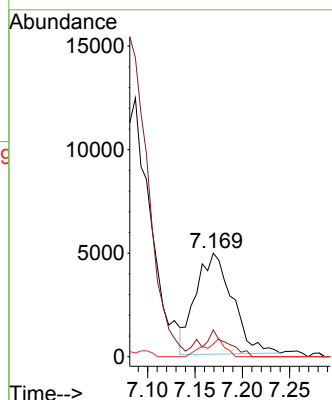
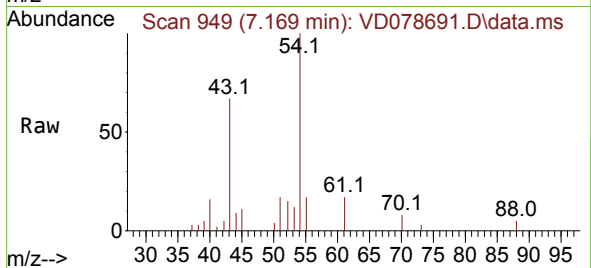




#37
Ethyl Acetate
Concen: 20.976 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

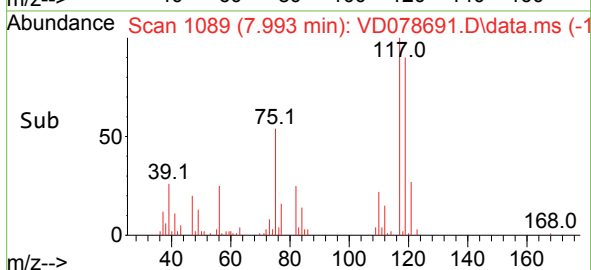
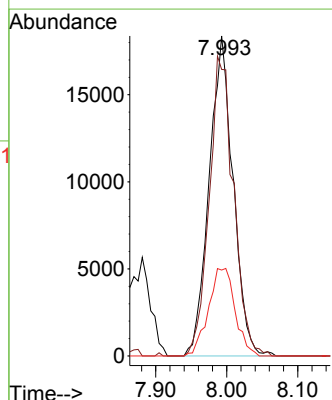
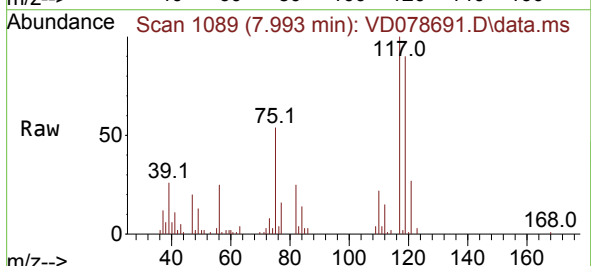
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

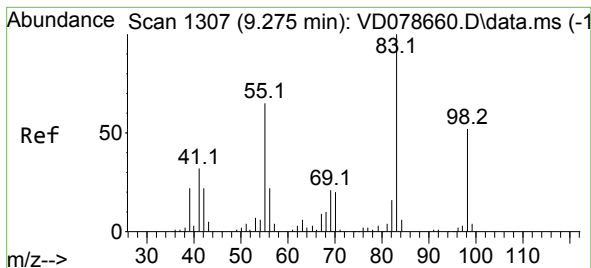
Tgt Ion: 43	Resp:	13165
Ion	Ratio	Lower Upper
43	100	
61	18.4	14.6 21.8
70	9.8	9.4 14.0



#38
Carbon Tetrachloride
Concen: 21.285 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion: 117	Resp:	43111
Ion	Ratio	Lower Upper
117	100	
119	89.6	79.2 118.8
121	26.9	26.8 40.2





#39

Methylcyclohexane

Concen: 20.461 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

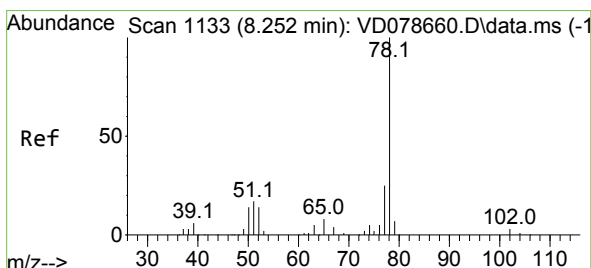
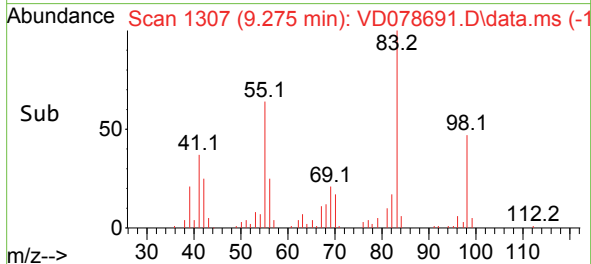
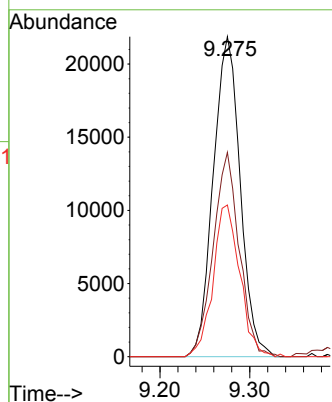
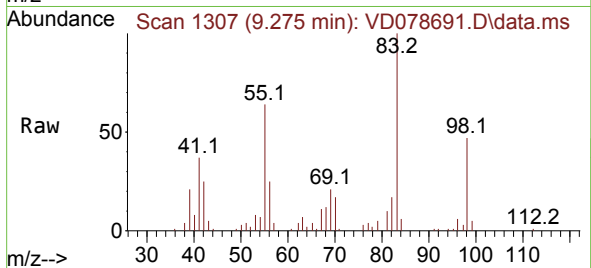
Tgt Ion: 83 Resp: 45600

Ion Ratio Lower Upper

83 100

55 63.8 51.7 77.5

98 47.4 41.4 62.0



#40

Benzene

Concen: 21.385 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078691.D

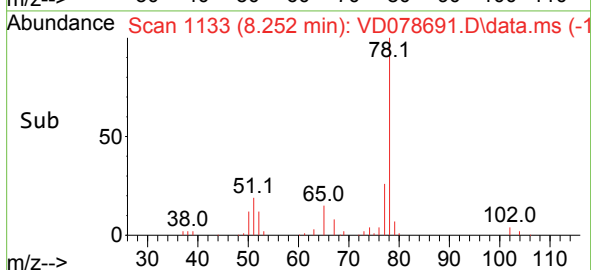
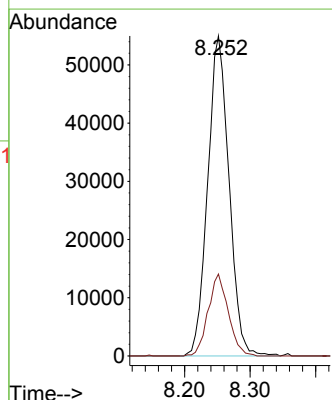
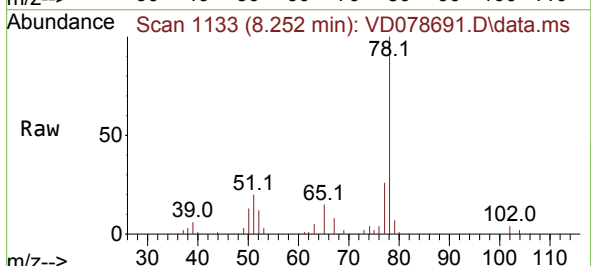
Acq: 18 Mar 2024 12:27

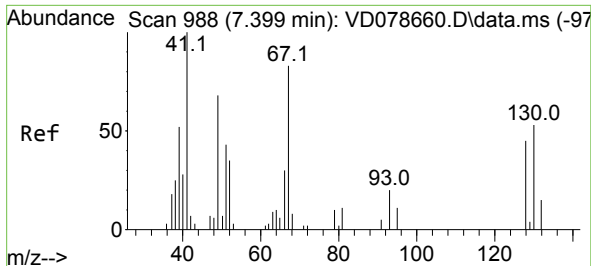
Tgt Ion: 78 Resp: 124192

Ion Ratio Lower Upper

78 100

77 25.6 20.4 30.6

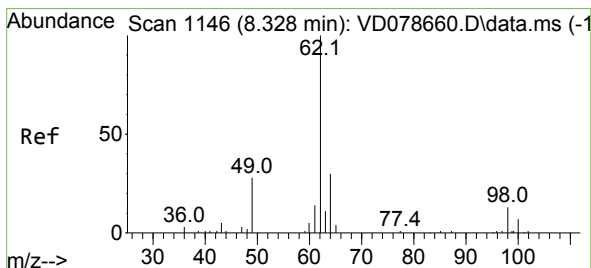
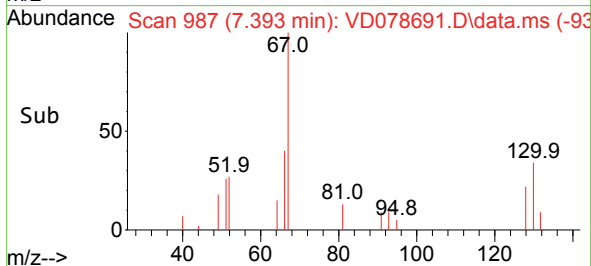
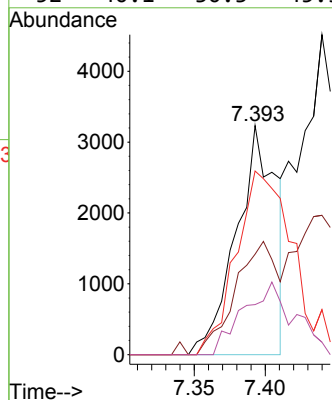
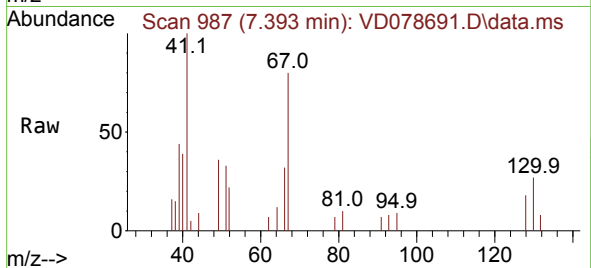




#41
Methacrylonitrile
Concen: 19.145 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

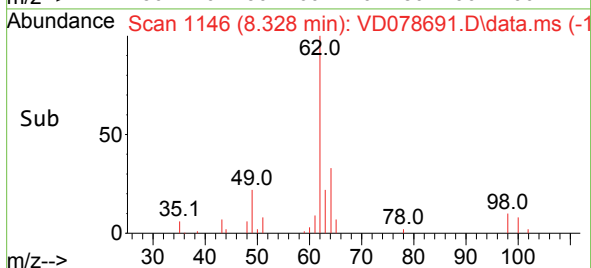
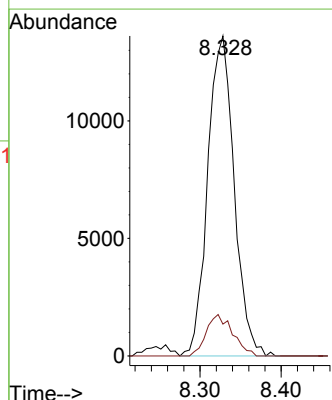
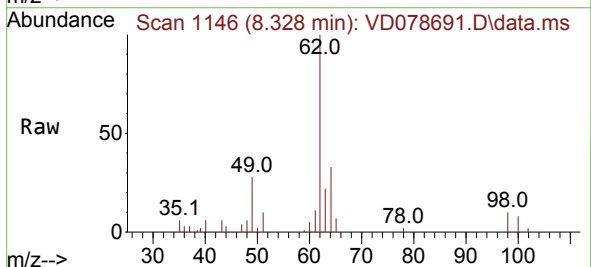
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

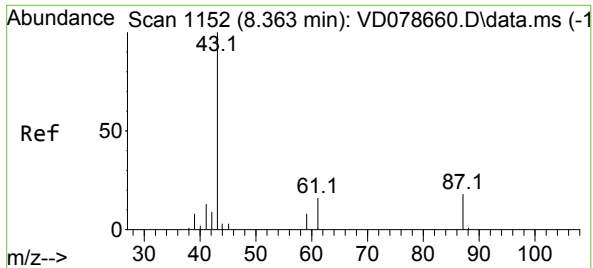
Tgt Ion: 41	Resp: 6297
Ion Ratio	Lower Upper
41 100	
39 52.2	39.8 59.6
67 115.3	83.5 125.3
52 40.1	30.3 45.5



#42
1,2-Dichloroethane
Concen: 21.758 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion: 62	Resp: 30815
Ion Ratio	Lower Upper
62 100	
98 12.9	0.0 23.8

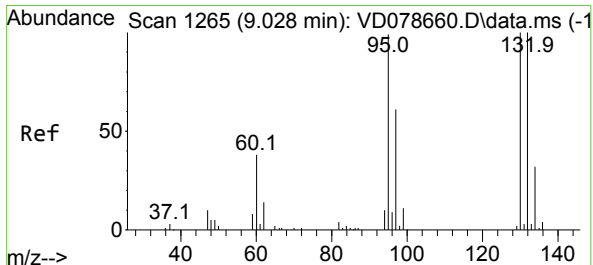
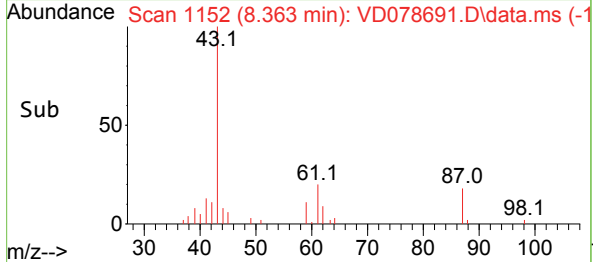
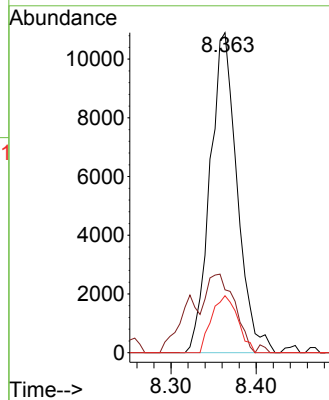
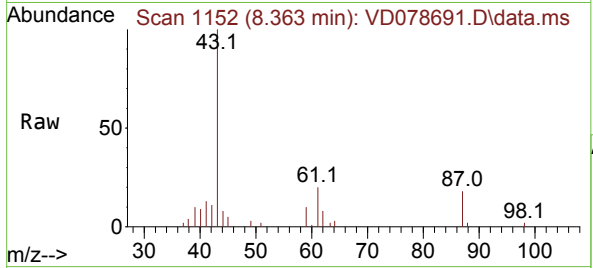




#43
Isopropyl Acetate
Concen: 21.065 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

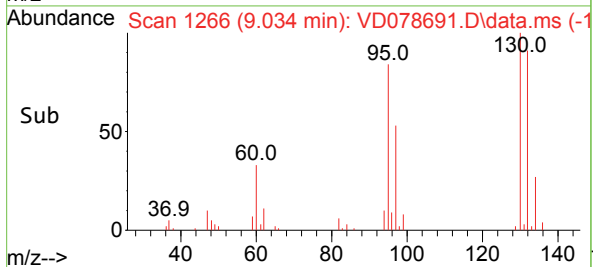
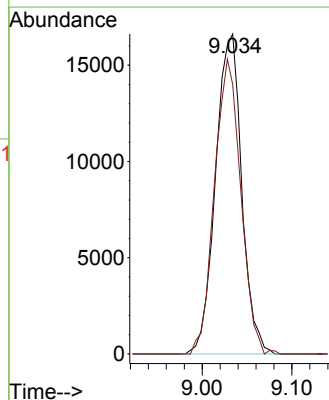
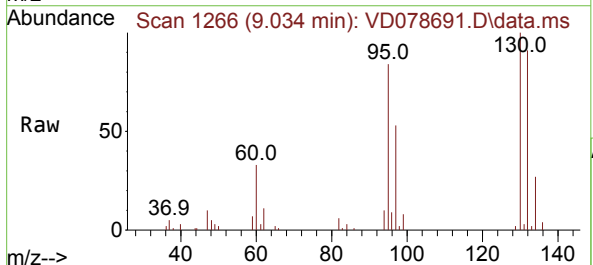
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

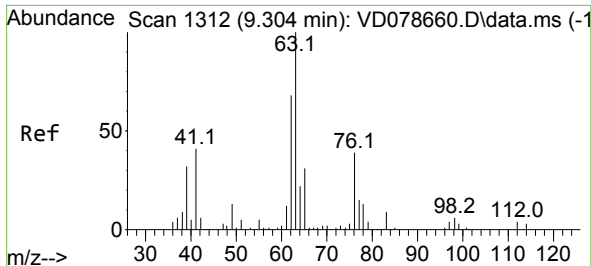
Tgt Ion: 43	Resp: 24044
Ion Ratio	Lower Upper
43	100
61	25.9 30.1 45.1#
87	17.3 14.4 21.6



#44
Trichloroethene
Concen: 21.346 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion: 130	Resp: 33643
Ion Ratio	Lower Upper
130	100
95	84.3 0.0 197.8





#45

1,2-Dichloropropane

Concen: 21.696 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

Instrument :

MSVOA_D

ClientSampleId :

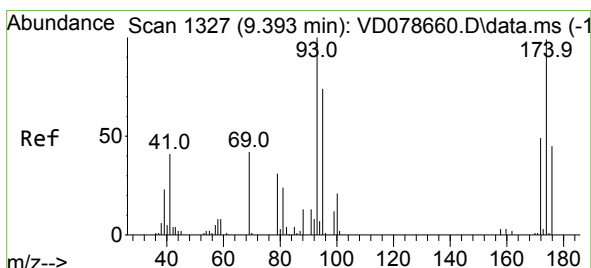
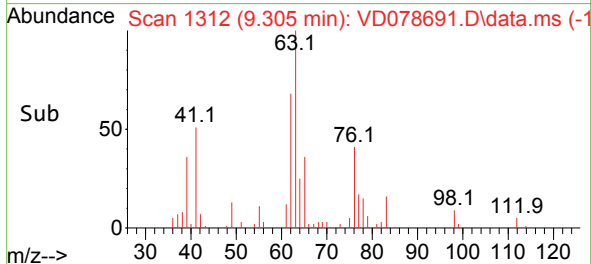
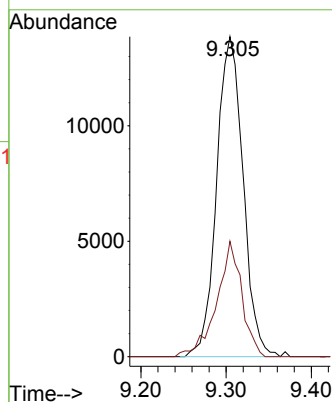
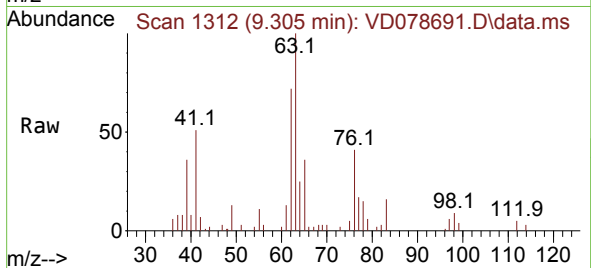
VD0318SBS01

Tgt Ion: 63 Resp: 29890

Ion Ratio Lower Upper

63 100

65 36.1 24.8 37.2



#46

Dibromomethane

Concen: 20.757 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

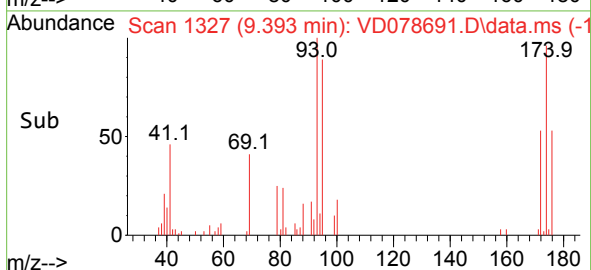
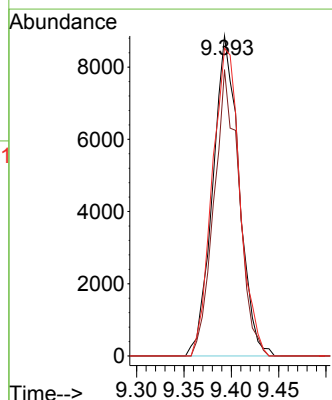
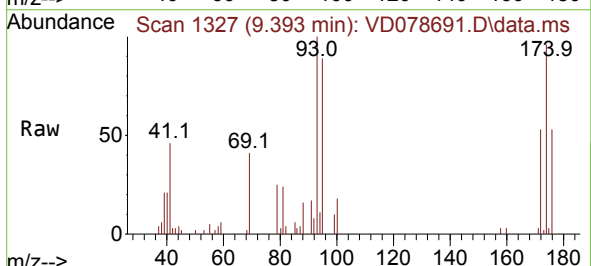
Tgt Ion: 93 Resp: 17142

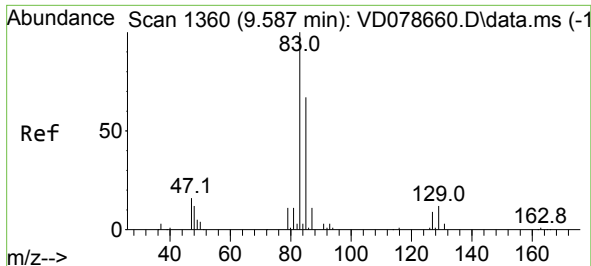
Ion Ratio Lower Upper

93 100

95 85.2 67.3 100.9

174 101.3 80.9 121.3

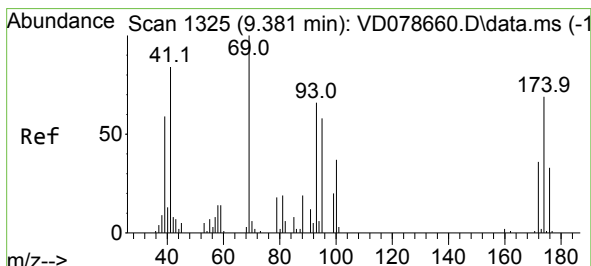
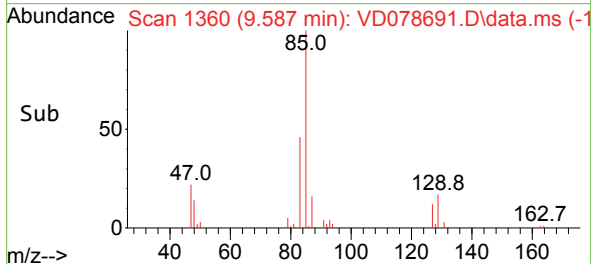
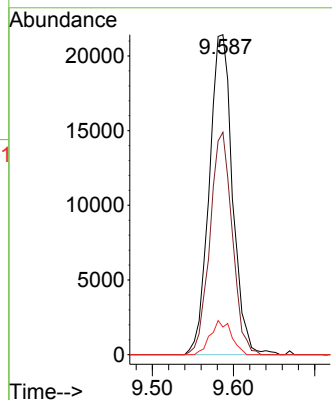
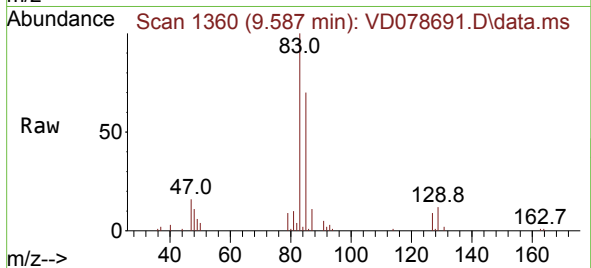




#47
Bromodichloromethane
Concen: 21.714 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

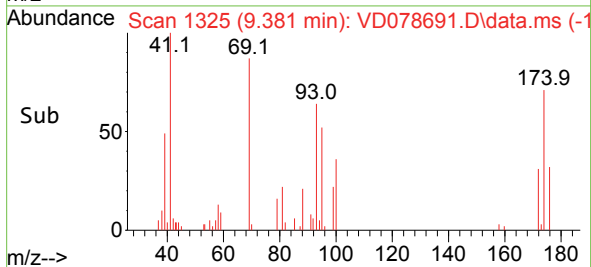
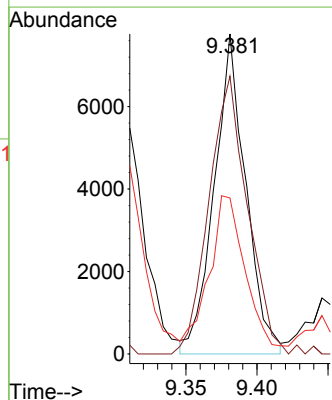
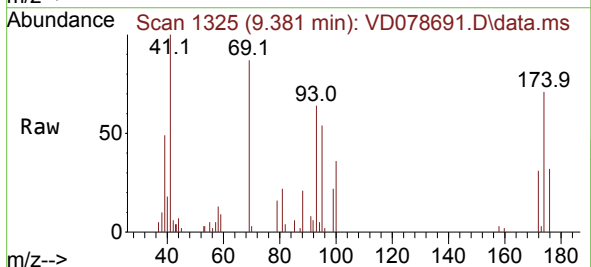
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

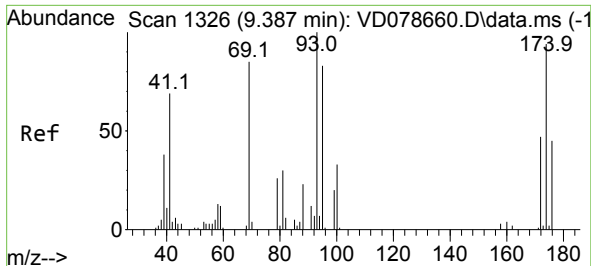
Tgt Ion:	83	Resp:	42689
Ion	Ratio	Lower	Upper
83	100		
85	69.5	54.0	81.0
127	8.7	7.1	10.7



#48
Methyl methacrylate
Concen: 21.521 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion:	41	Resp:	11969
Ion	Ratio	Lower	Upper
41	100		
69	105.9	88.3	132.5
39	58.4	46.6	69.8





#49

1,4-Dioxane

Concen: 418.238 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

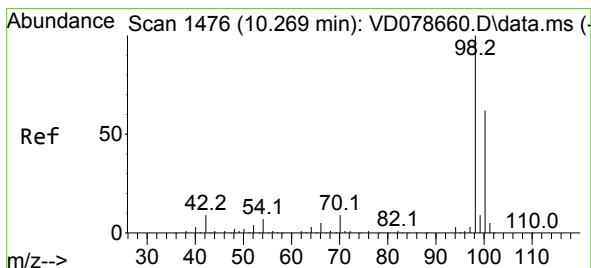
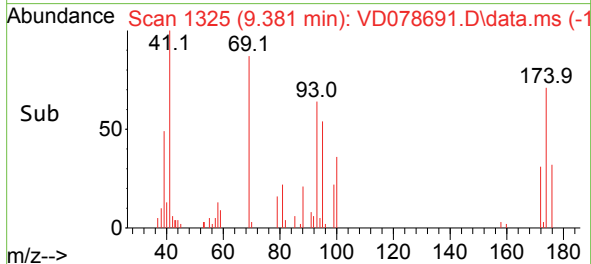
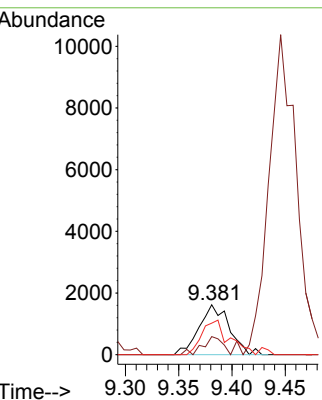
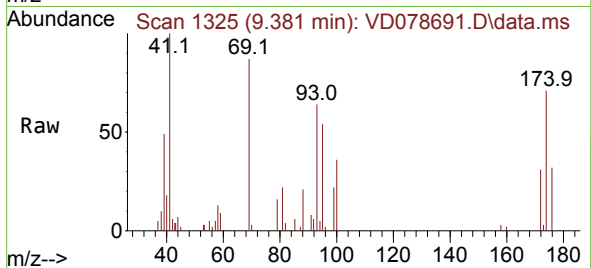
Tgt Ion: 88 Resp: 3198

Ion Ratio Lower Upper

88 100

43 23.6 23.2 34.8

58 61.6 51.0 76.6



#50

Toluene-d8

Concen: 46.272 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078691.D

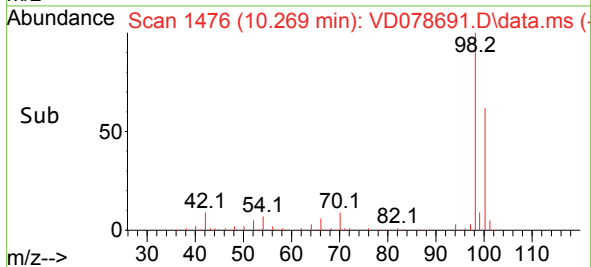
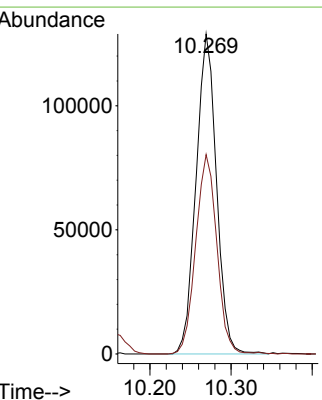
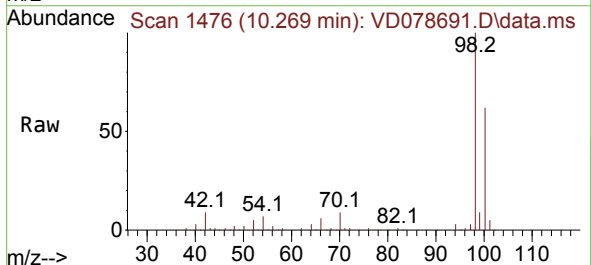
Acq: 18 Mar 2024 12:27

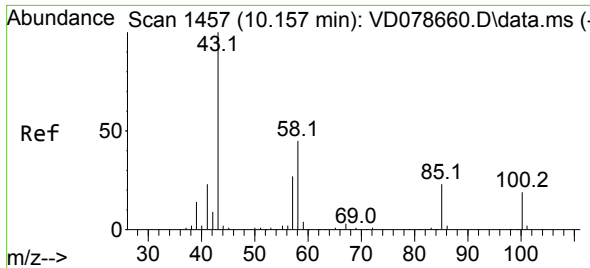
Tgt Ion: 98 Resp: 225327

Ion Ratio Lower Upper

98 100

100 64.4 50.5 75.7

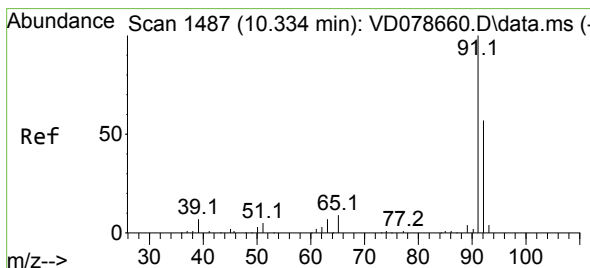
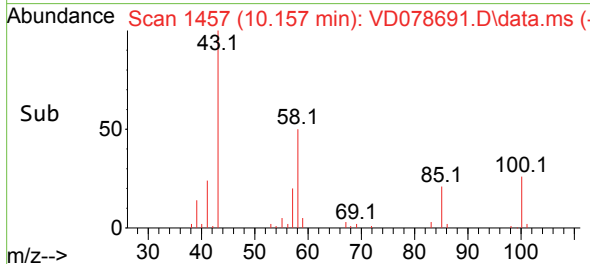
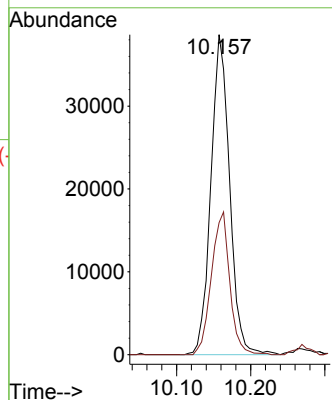
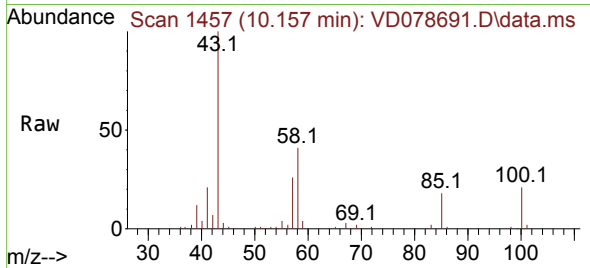




#51
4-Methyl-2-Pentanone
Concen: 113.594 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

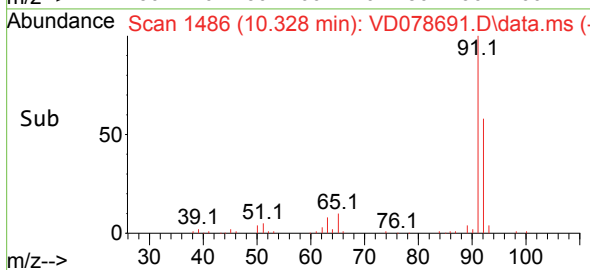
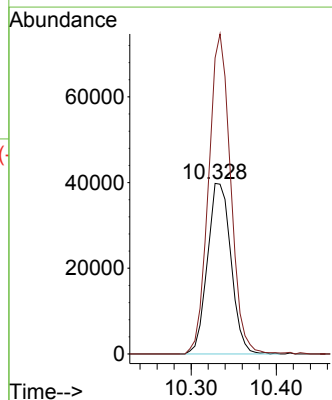
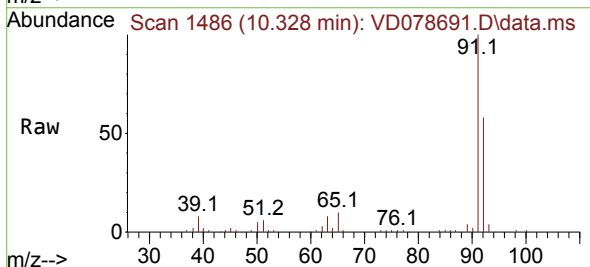
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

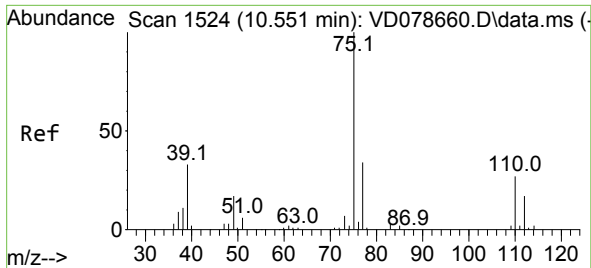
Tgt Ion: 43 Resp: 67784
Ion Ratio Lower Upper
43 100
58 43.7 36.4 54.6



#52
Toluene
Concen: 20.417 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion: 92 Resp: 76339
Ion Ratio Lower Upper
92 100
91 176.2 136.6 205.0

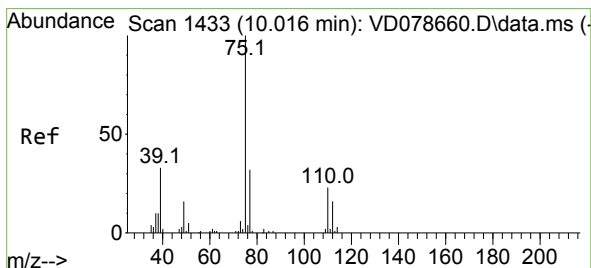
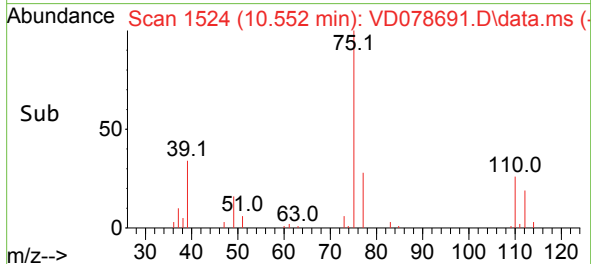
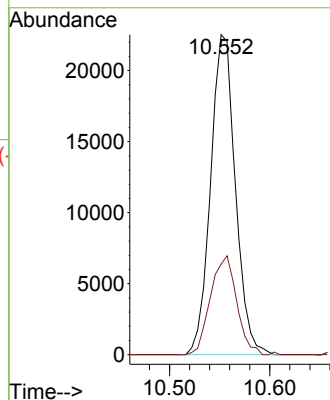
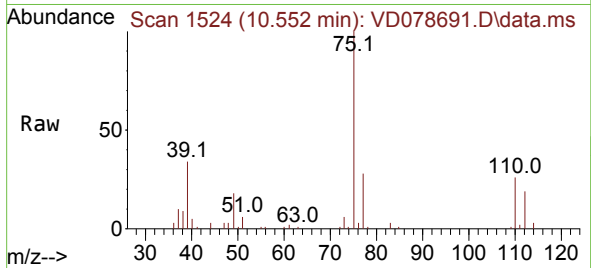




#53
t-1,3-Dichloropropene
Concen: 21.518 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

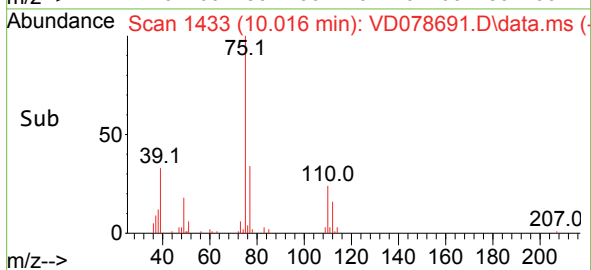
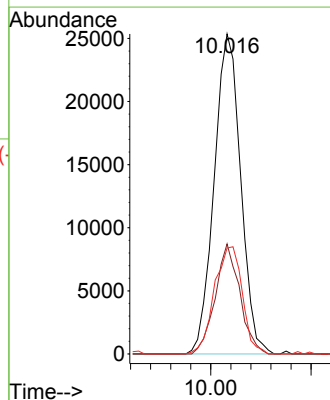
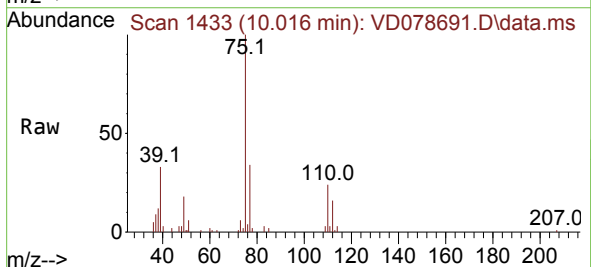
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

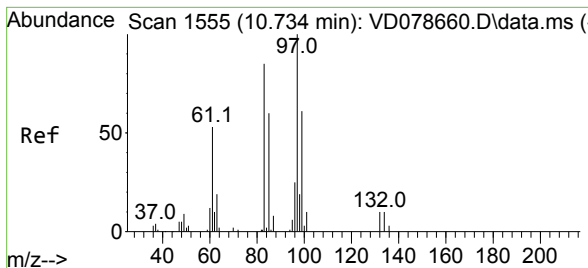
Tgt Ion: 75 Resp: 38678
Ion Ratio Lower Upper
75 100
77 28.3 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 21.449 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion: 75 Resp: 46348
Ion Ratio Lower Upper
75 100
77 34.4 25.4 38.0
39 33.1 26.7 40.1

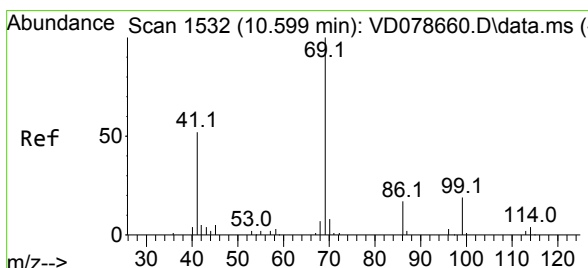
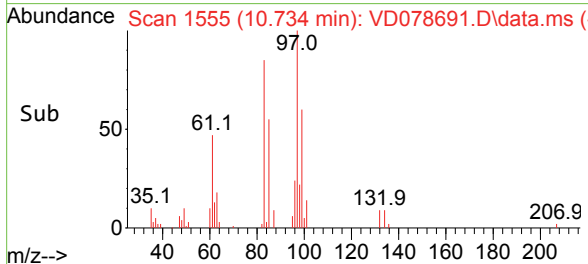
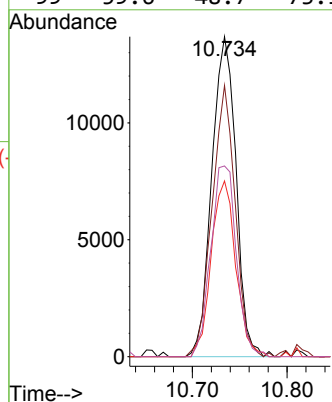
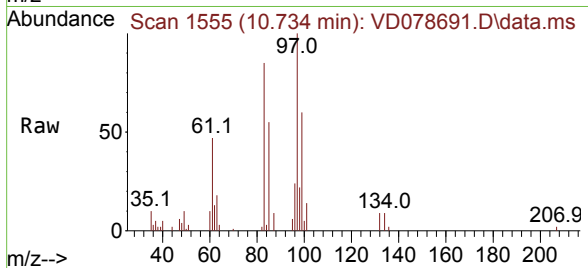




#55
1,1,2-Trichloroethane
Concen: 22.029 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

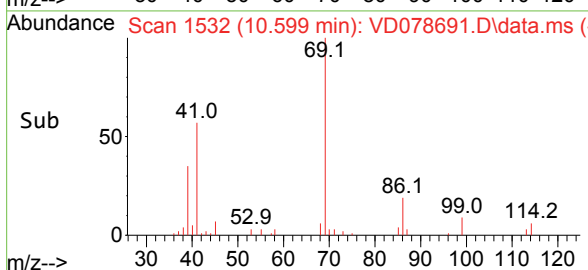
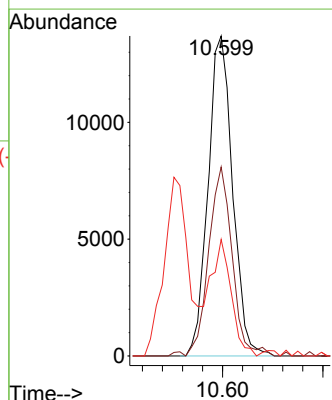
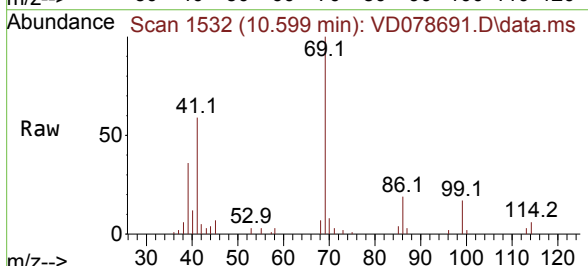
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

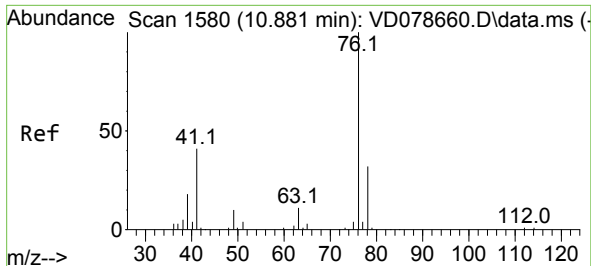
Tgt Ion:	97	Resp:	24362
Ion	Ratio	Lower	Upper
97	100		
83	84.7	68.1	102.1
85	54.9	48.2	72.2
99	59.6	48.7	73.1



#56
Ethyl methacrylate
Concen: 20.973 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion:	69	Resp:	23251
Ion	Ratio	Lower	Upper
69	100		
41	57.0	40.9	61.3
39	29.6	25.5	38.3





#57

1,3-Dichloropropane

Concen: 21.468 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

Instrument :

MSVOA_D

ClientSampleId :

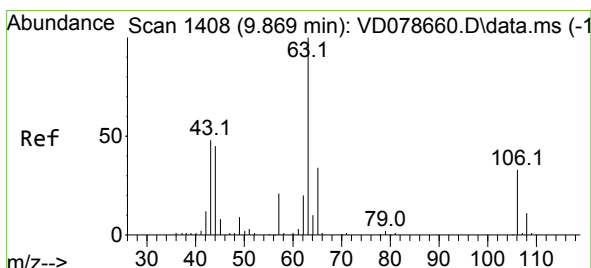
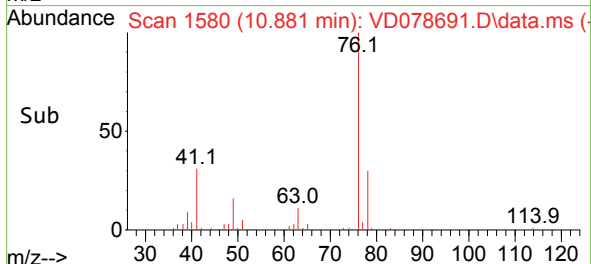
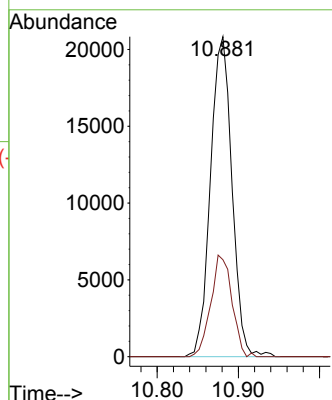
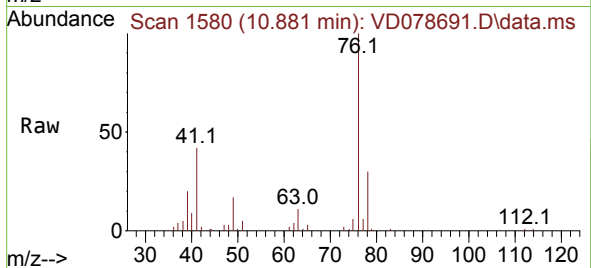
VD0318SBS01

Tgt Ion: 76 Resp: 38308

Ion Ratio Lower Upper

76 100

78 31.1 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 103.401 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078691.D

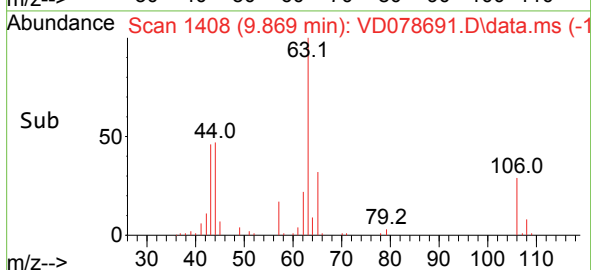
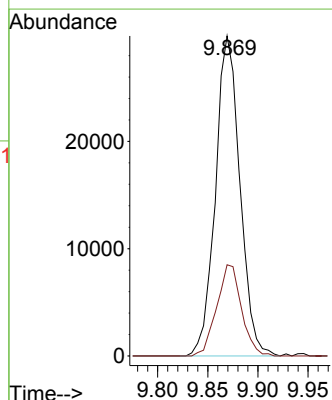
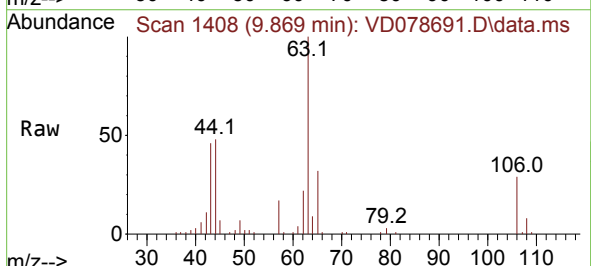
Acq: 18 Mar 2024 12:27

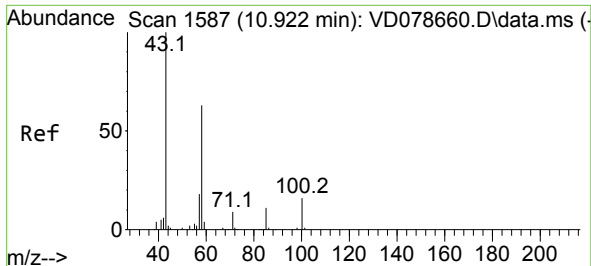
Tgt Ion: 63 Resp: 50547

Ion Ratio Lower Upper

63 100

106 28.8 25.2 37.8

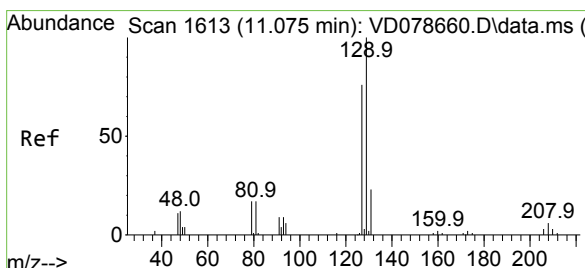
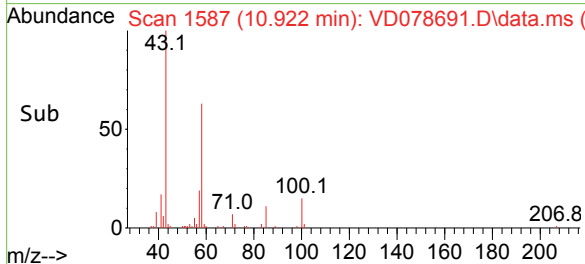
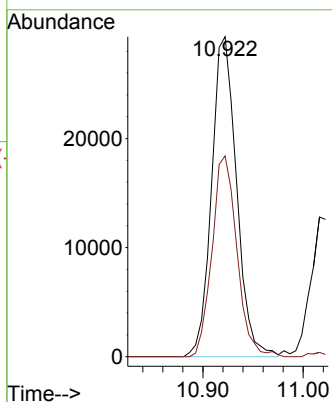
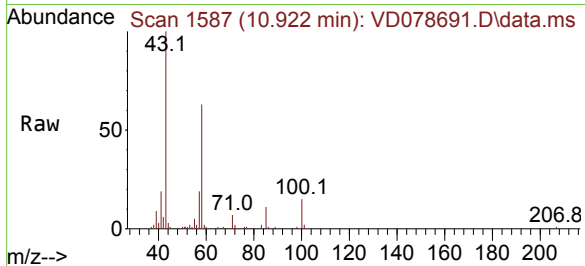




#59
2-Hexanone
Concen: 114.619 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

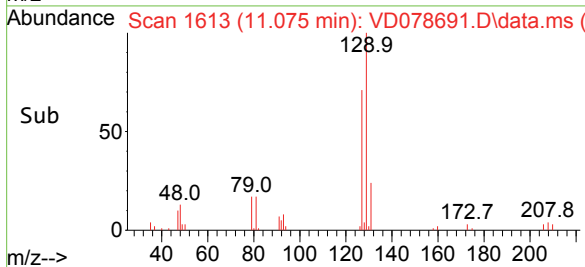
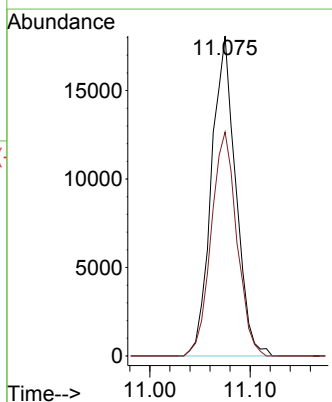
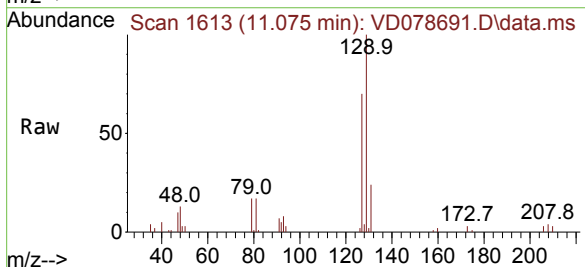
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

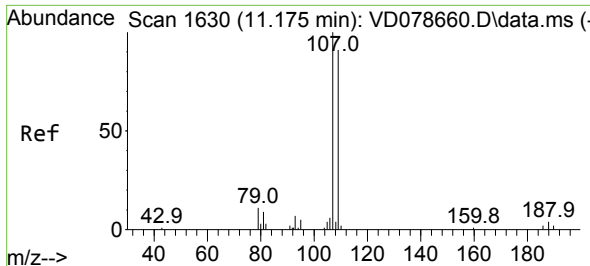
Tgt Ion: 43 Resp: 50702
Ion Ratio Lower Upper
43 100
58 62.5 31.5 94.5



#60
Dibromochloromethane
Concen: 22.282 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion: 129 Resp: 30388
Ion Ratio Lower Upper
129 100
127 73.8 38.8 116.3

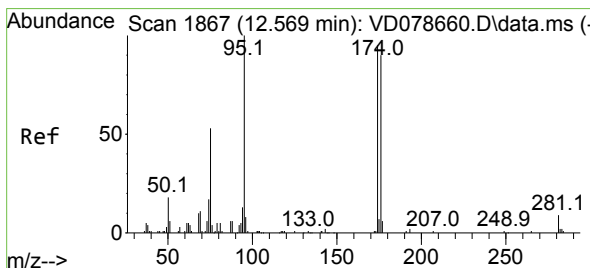
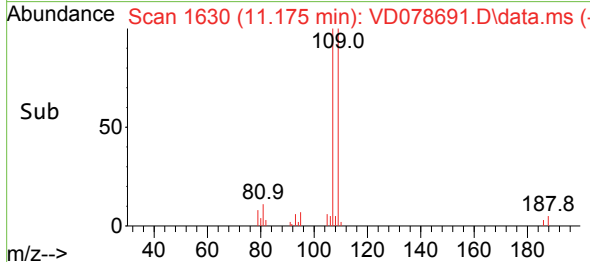
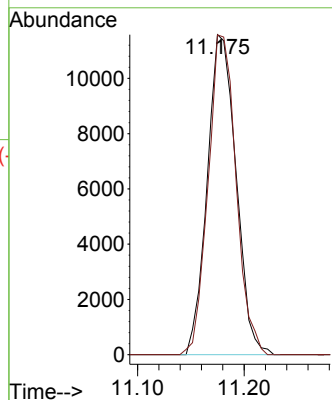
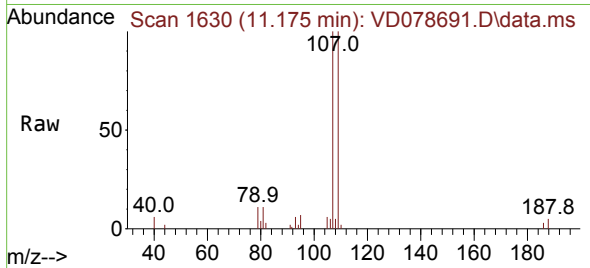




#61
1,2-Dibromoethane
Concen: 20.332 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

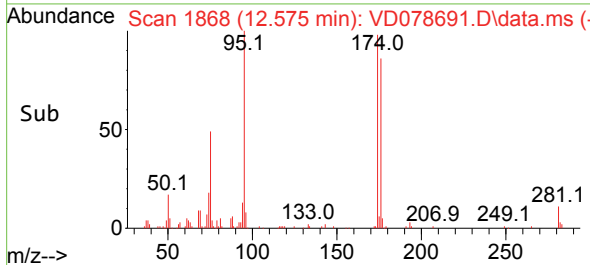
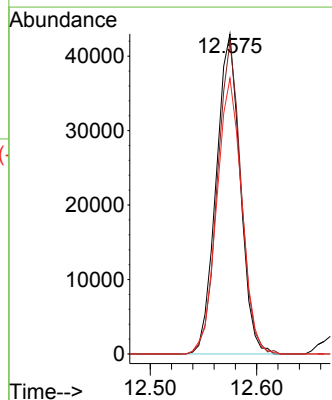
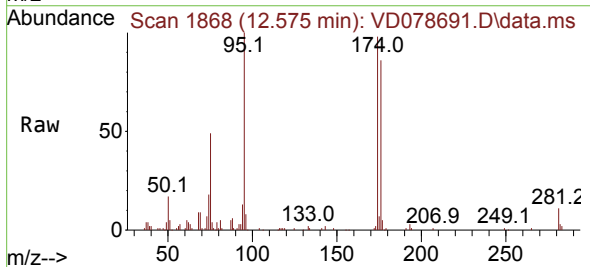
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

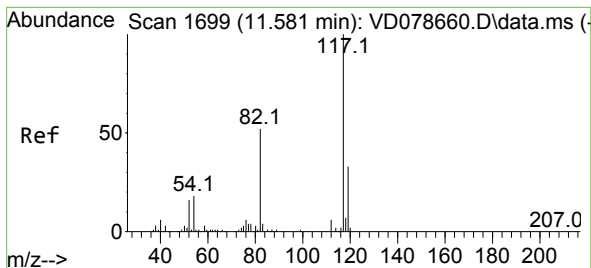
Tgt Ion:107 Resp: 21760
Ion Ratio Lower Upper
107 100
109 96.7 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 47.014 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion: 95 Resp: 66978
Ion Ratio Lower Upper
95 100
174 96.4 0.0 195.2
176 90.2 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: VD078691.D

Acq: 18 Mar 2024 12:27

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

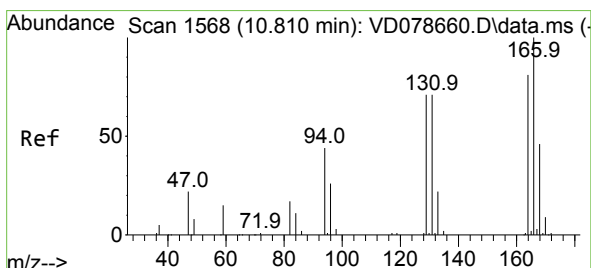
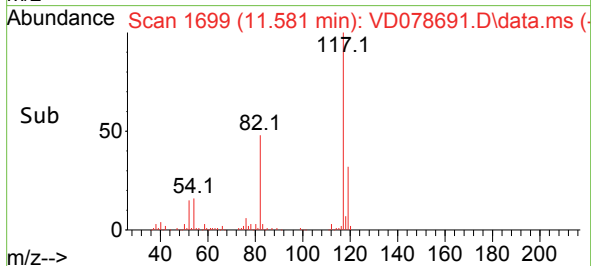
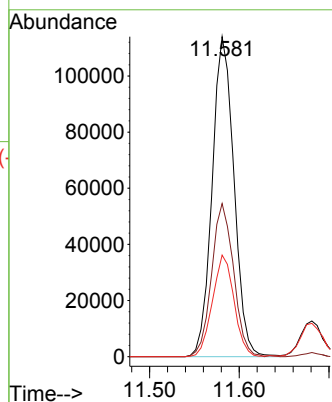
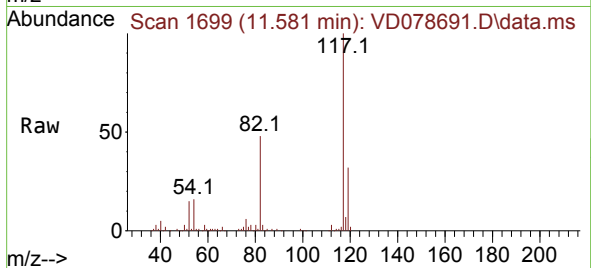
Tgt Ion:117 Resp: 192748

Ion Ratio Lower Upper

117 100

82 47.9 41.4 62.2

119 31.8 26.5 39.7



#64

Tetrachloroethene

Concen: 20.562 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

Tgt Ion:164 Resp: 26228

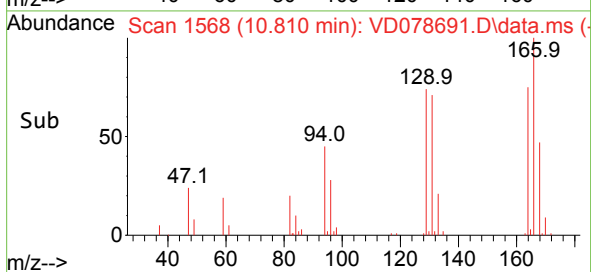
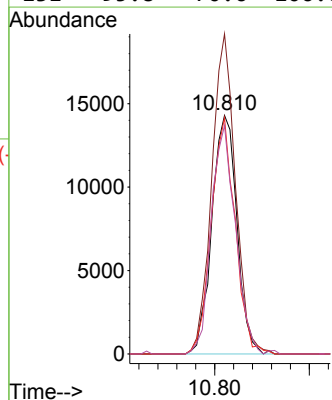
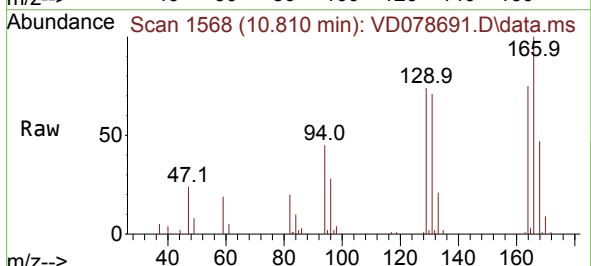
Ion Ratio Lower Upper

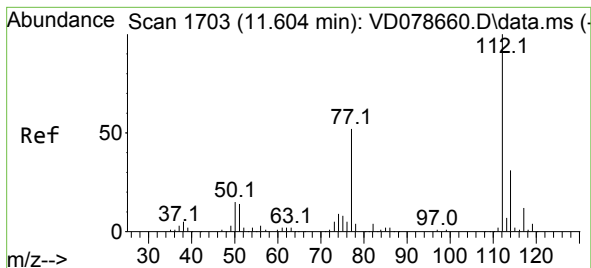
164 100

166 134.1 98.9 148.3

129 99.0 70.3 105.5

131 95.8 70.6 106.0

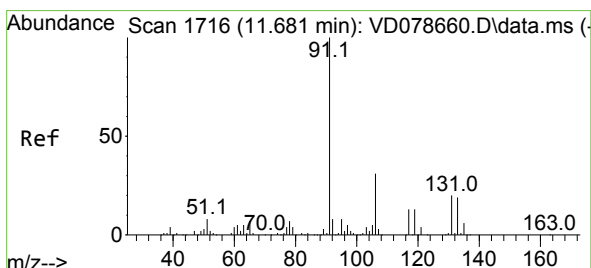
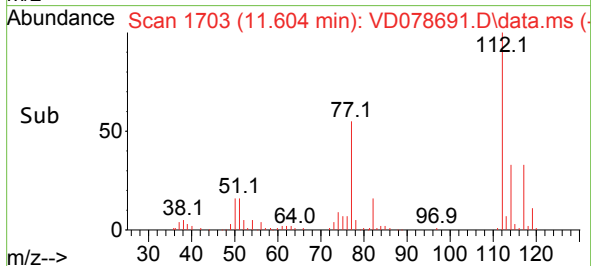
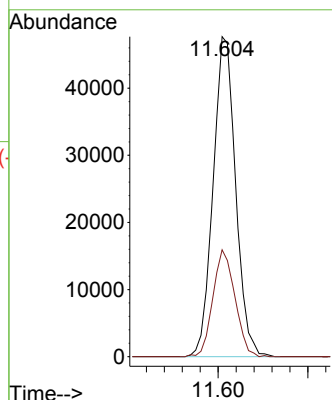
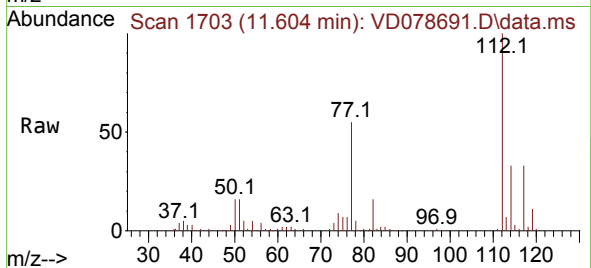




#65
Chlorobenzene
Concen: 20.630 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

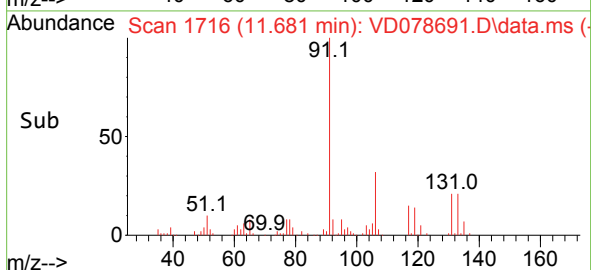
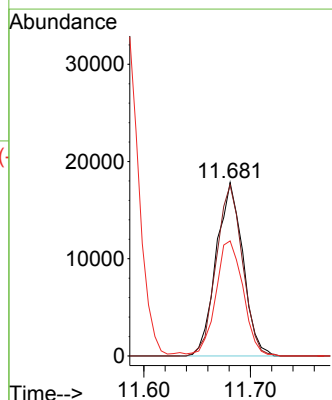
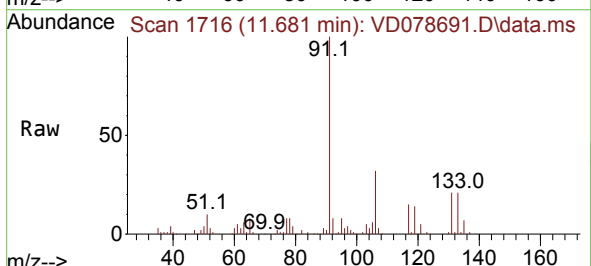
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

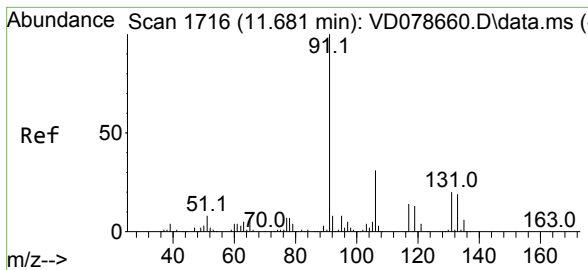
Tgt Ion:112 Resp: 83095
Ion Ratio Lower Upper
112 100
114 33.4 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.095 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion:131 Resp: 31117
Ion Ratio Lower Upper
131 100
133 97.0 47.6 142.9
119 67.8 34.1 102.3

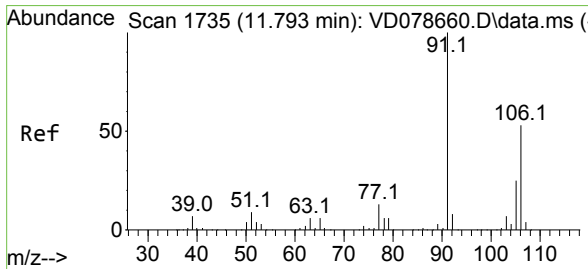
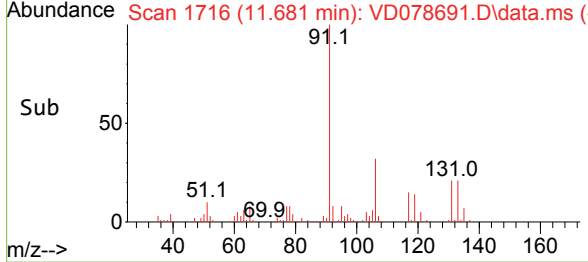
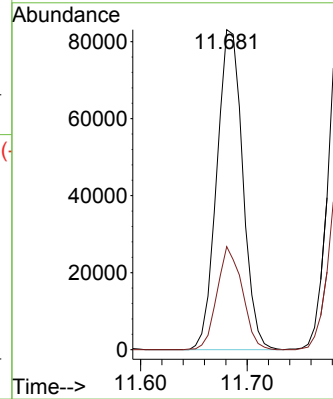
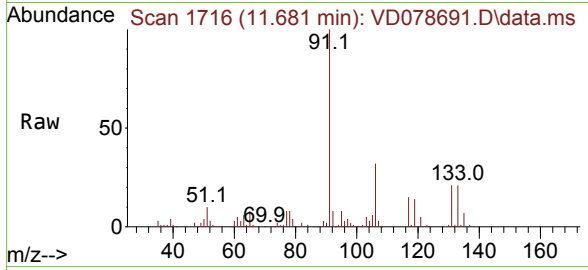




#67
Ethyl Benzene
Concen: 20.469 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

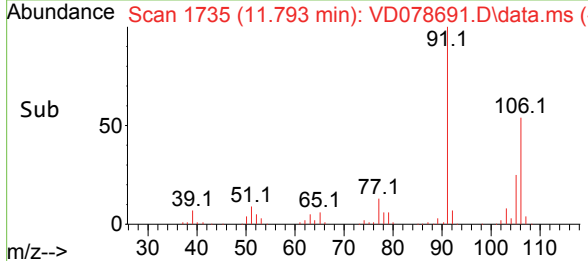
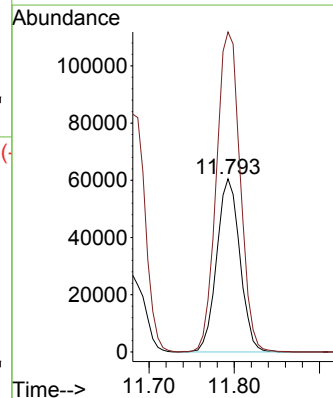
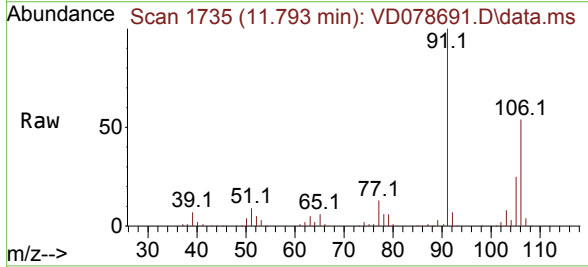
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

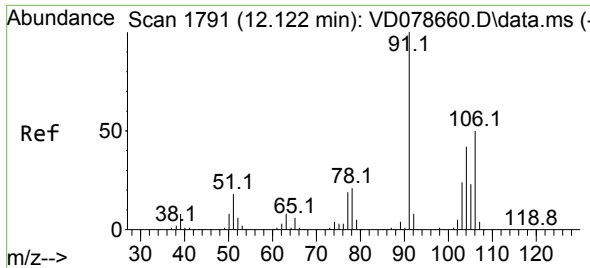
Tgt Ion: 91 Resp: 140494
Ion Ratio Lower Upper
91 100
106 32.2 24.5 36.7



#68
m/p-Xylenes
Concen: 40.997 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion:106 Resp: 114264
Ion Ratio Lower Upper
106 100
91 190.3 154.4 231.6

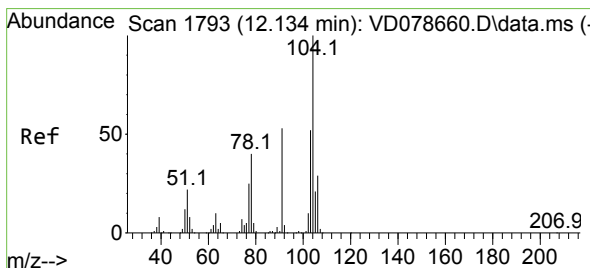
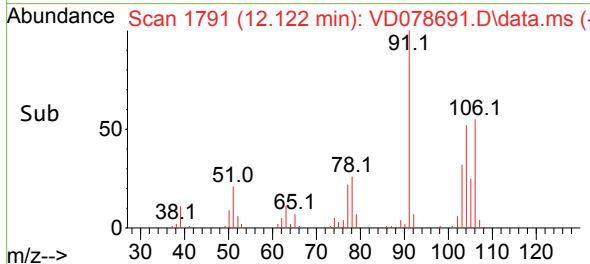
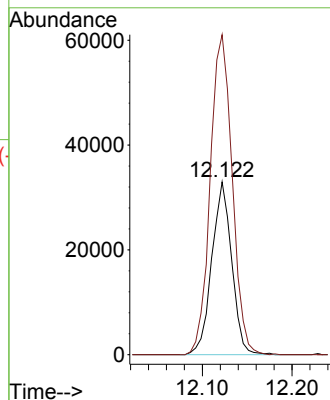
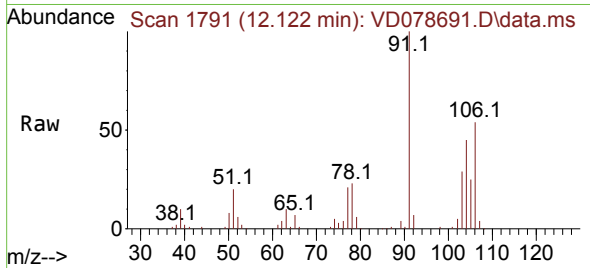




#69
o-Xylene
Concen: 19.711 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

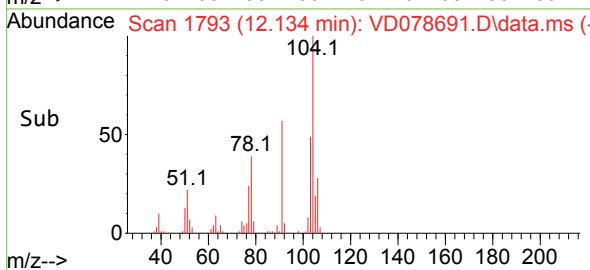
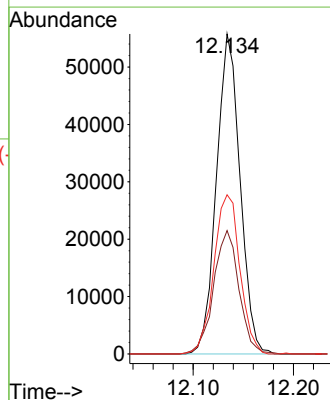
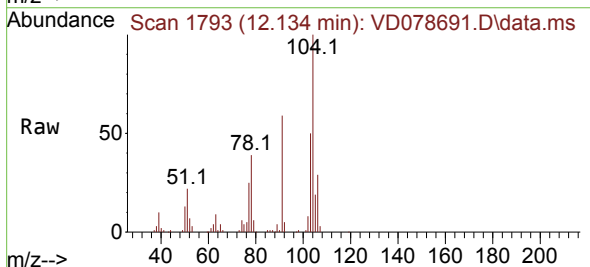
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

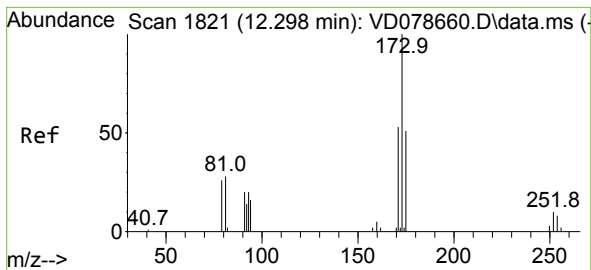
Tgt Ion:106 Resp: 50830
Ion Ratio Lower Upper
106 100
91 204.4 99.6 298.7



#70
Styrene
Concen: 21.035 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion:104 Resp: 91047
Ion Ratio Lower Upper
104 100
78 41.6 34.6 52.0
103 54.9 44.2 66.2





#71

Bromoform

Concen: 21.735 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

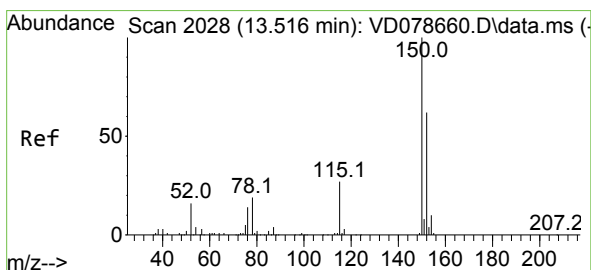
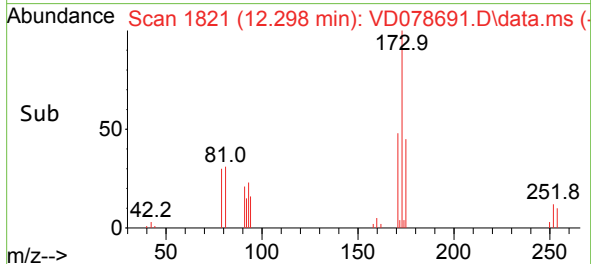
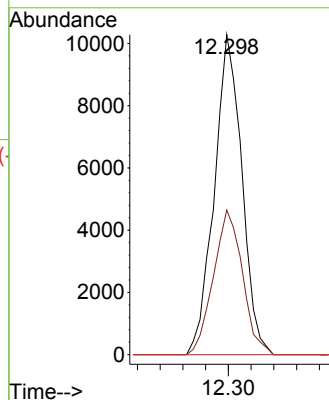
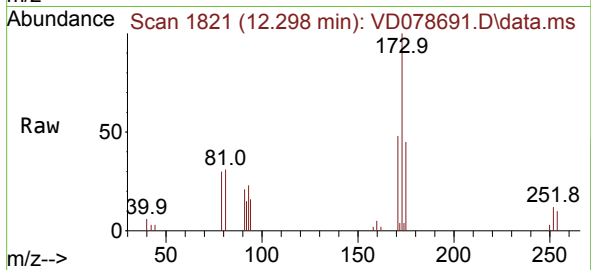
Tgt Ion:173 Resp: 17327

Ion Ratio Lower Upper

173 100

175 47.6 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: VD078691.D

Acq: 18 Mar 2024 12:27

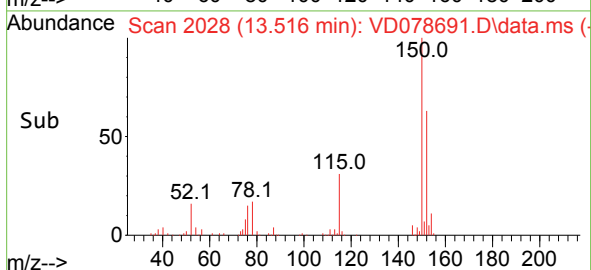
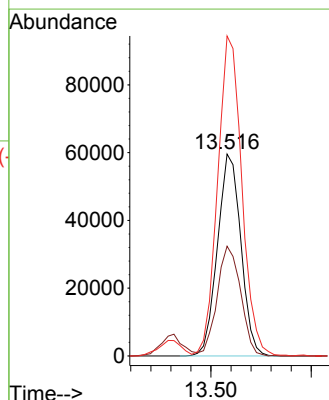
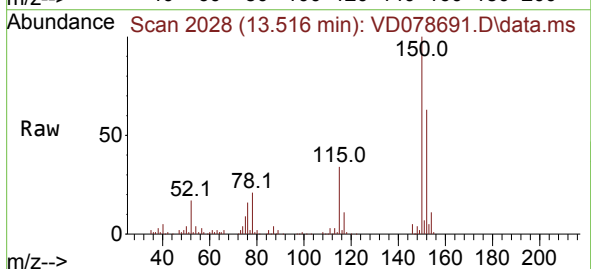
Tgt Ion:152 Resp: 96487

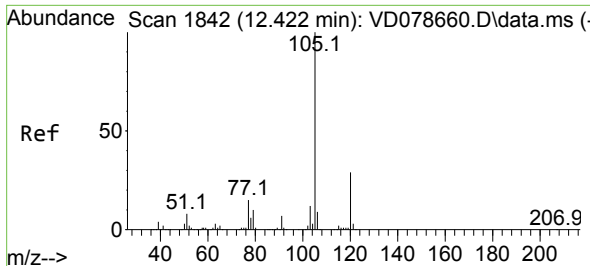
Ion Ratio Lower Upper

152 100

115 54.7 27.1 81.2

150 163.9 0.0 350.2

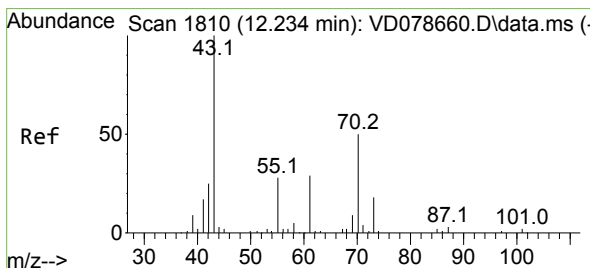
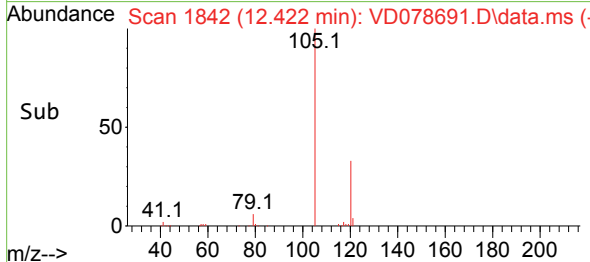
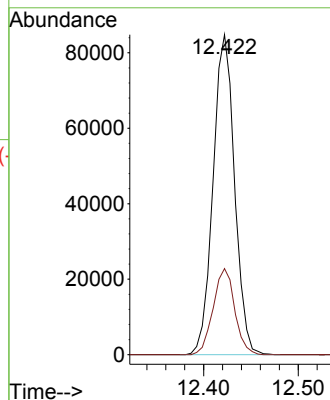
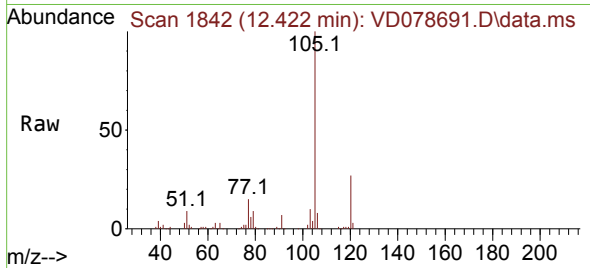




#73
Isopropylbenzene
Concen: 21.065 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

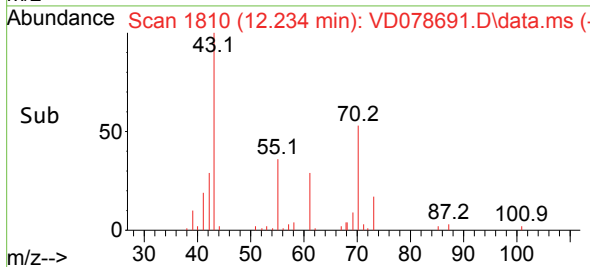
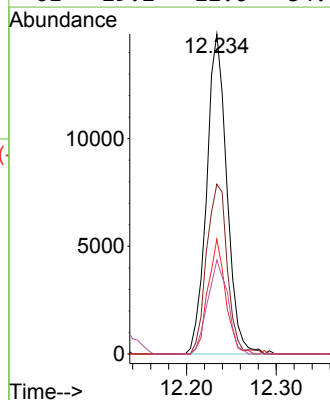
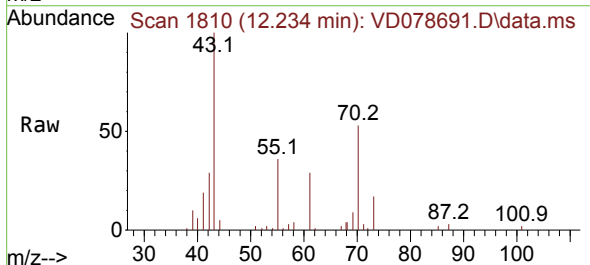
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

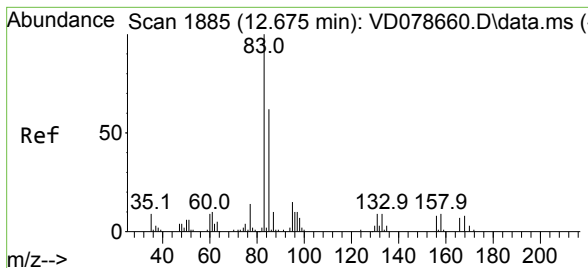
Tgt Ion:105 Resp: 133820
Ion Ratio Lower Upper
105 100
120 27.0 13.7 41.0



#74
N-ethyl acetate
Concen: 22.565 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion: 43 Resp: 23274
Ion Ratio Lower Upper
43 100
70 54.5 42.1 63.1
55 31.4 22.6 33.8
61 29.2 22.6 34.0

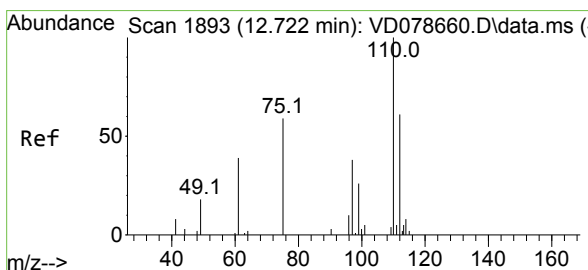
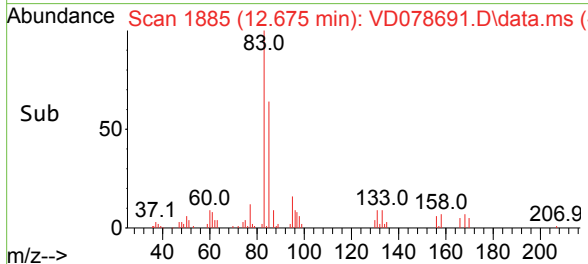
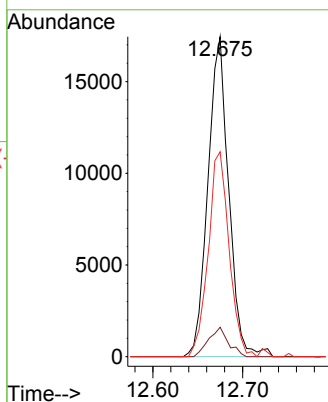
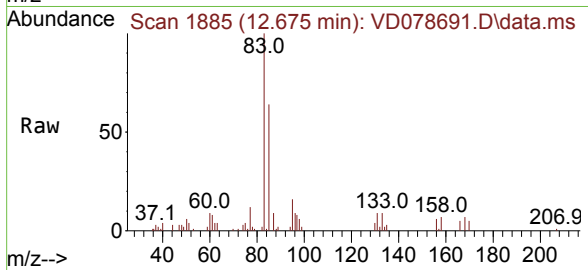




#75
1,1,2,2-Tetrachloroethane
Concen: 23.857 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

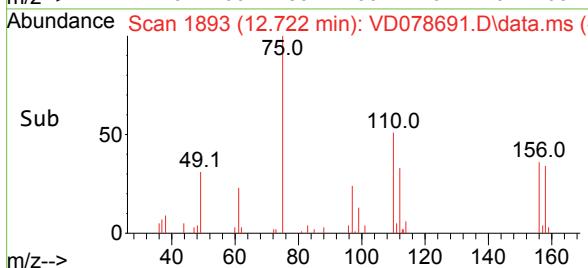
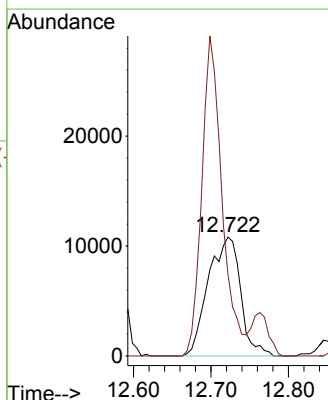
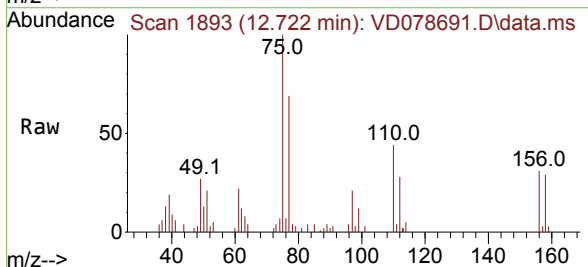
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

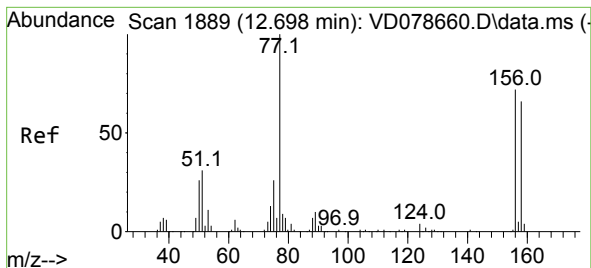
Tgt Ion:	83	Resp:	28056
Ion Ratio	Lower	Upper	
83	100		
131	8.8	4.9	14.7
85	64.2	32.2	96.6



#76
1,2,3-Trichloropropane
Concen: 42.103 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion:	75	Resp:	31298
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.251 ug/l

RT: 12.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

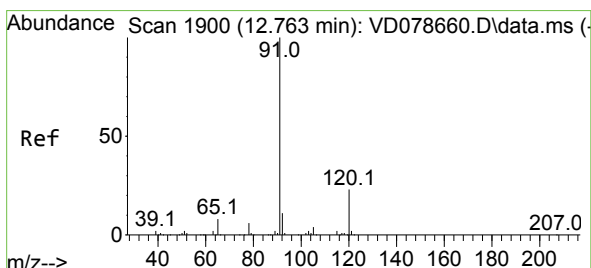
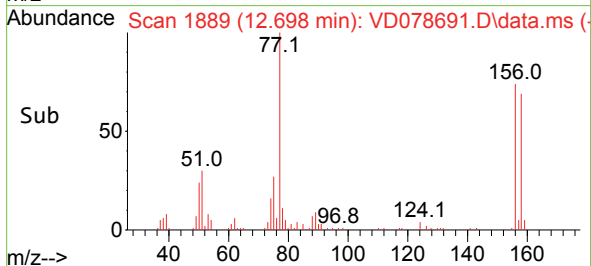
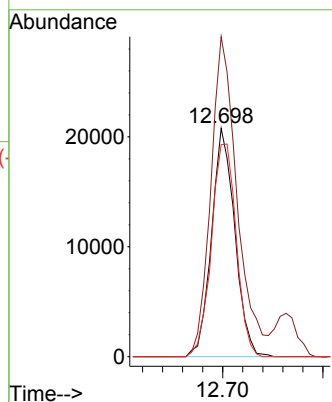
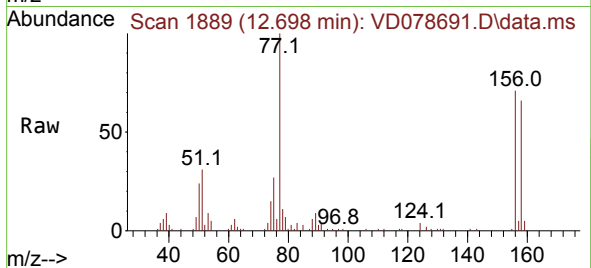
Tgt Ion:156 Resp: 33480

Ion Ratio Lower Upper

156 100

77 158.9 79.1 237.3

158 99.5 47.0 141.0



#78

n-propylbenzene

Concen: 21.538 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078691.D

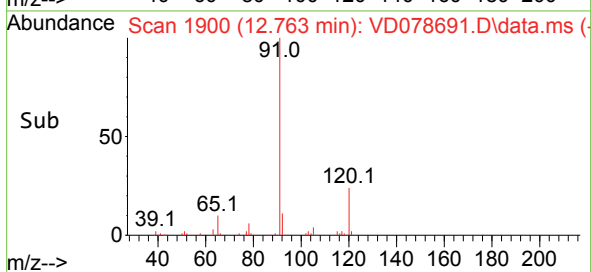
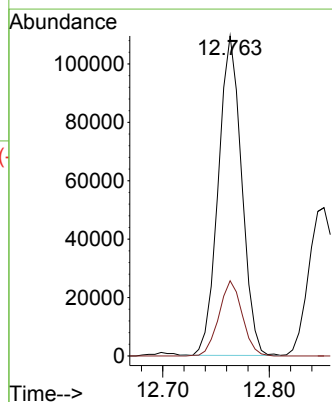
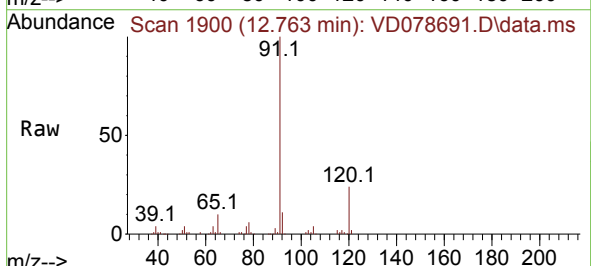
Acq: 18 Mar 2024 12:27

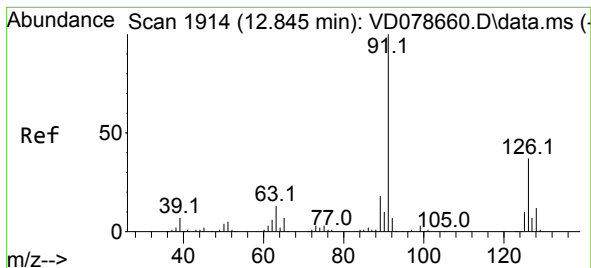
Tgt Ion: 91 Resp: 166546

Ion Ratio Lower Upper

91 100

120 23.5 11.7 35.1





#79

2-Chlorotoluene

Concen: 20.776 ug/l

RT: 12.851 min Scan# 1914

Delta R.T. 0.006 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

Instrument :

MSVOA_D

ClientSampleId :

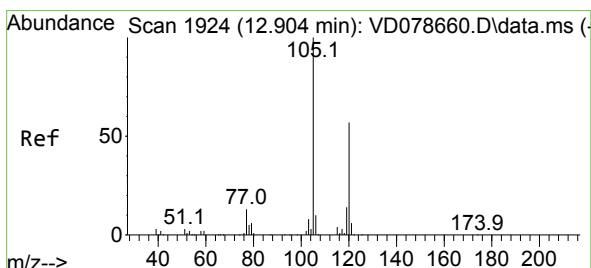
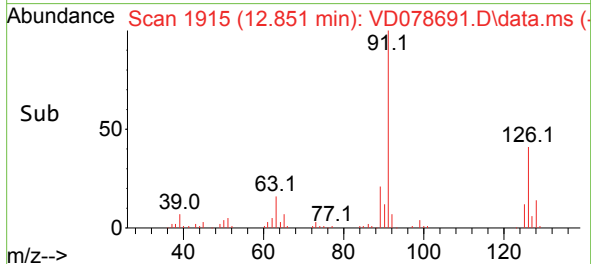
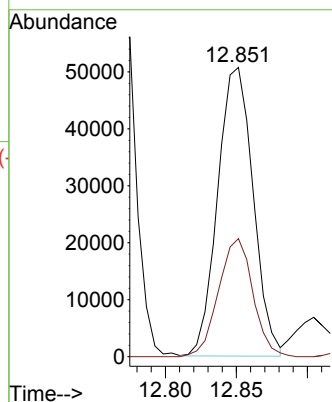
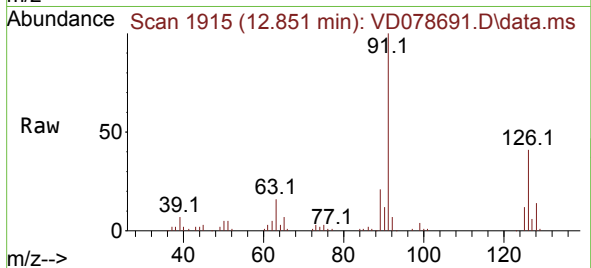
VD0318SBS01

Tgt Ion: 91 Resp: 88132

Ion Ratio Lower Upper

91 100

126 39.6 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 21.951 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078691.D

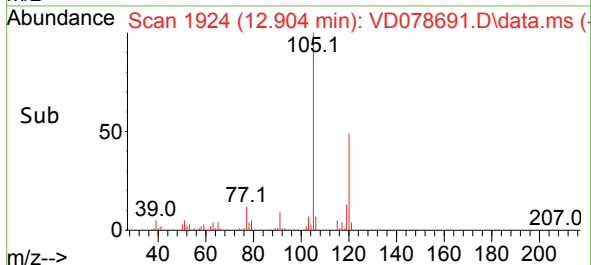
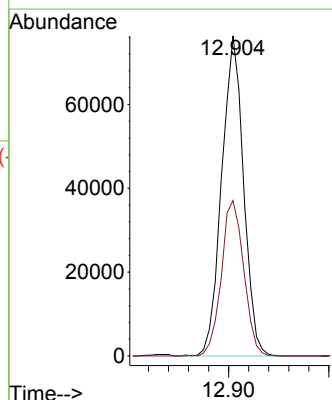
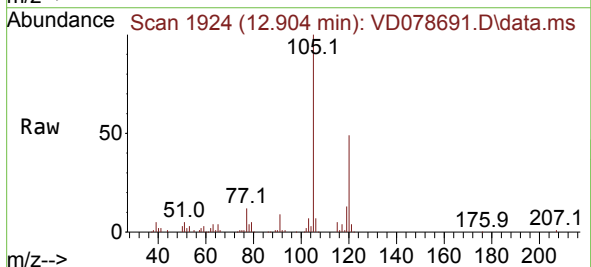
Acq: 18 Mar 2024 12:27

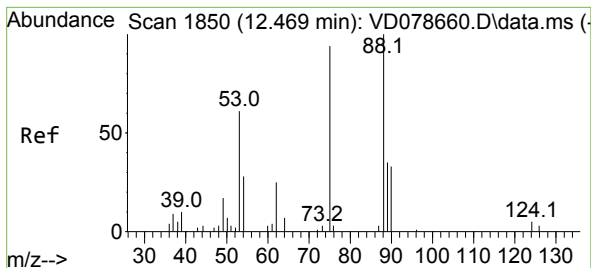
Tgt Ion: 105 Resp: 115318

Ion Ratio Lower Upper

105 100

120 49.7 25.9 77.7

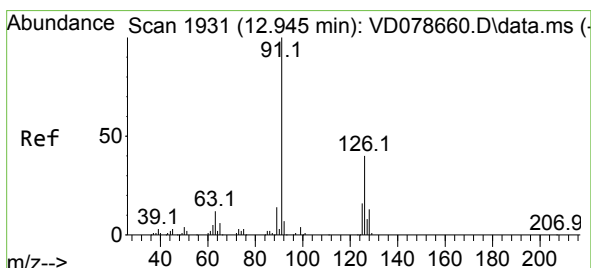
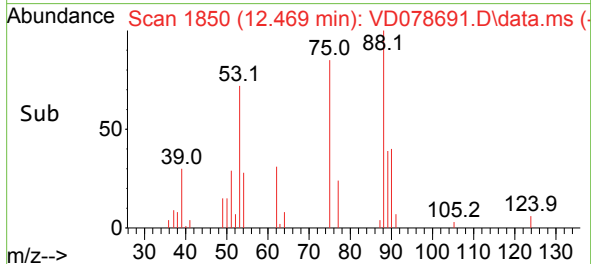
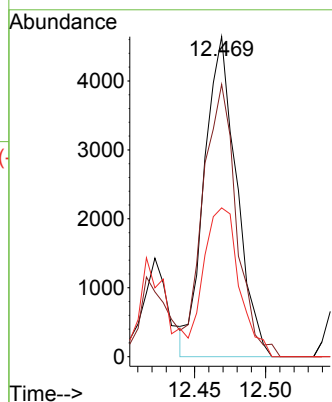
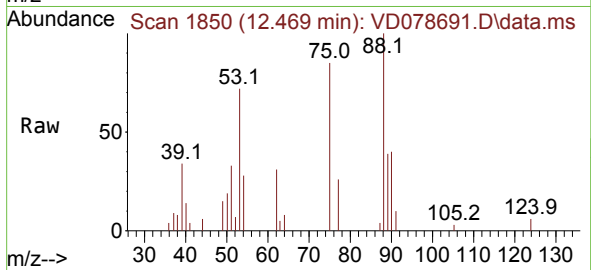




#81
trans-1,4-Dichloro-2-butene
Concen: 20.610 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

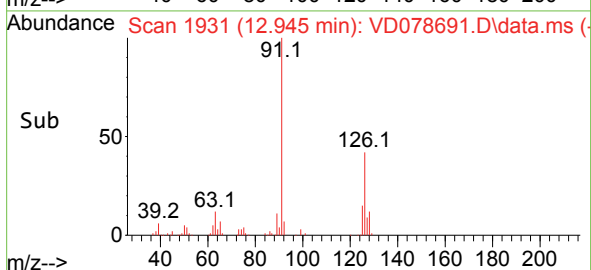
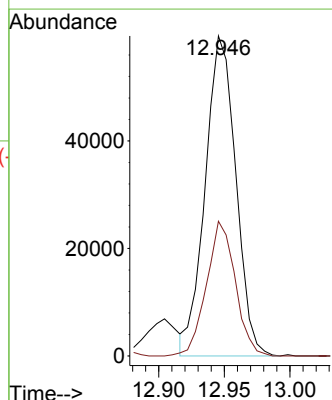
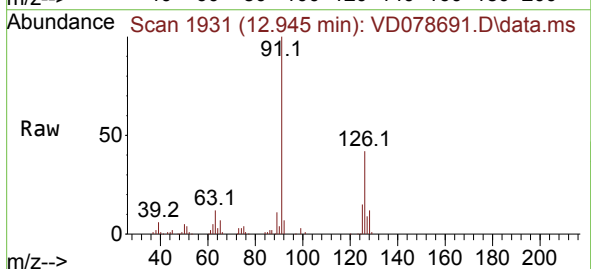
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

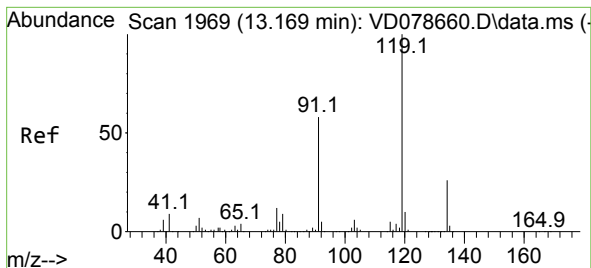
Tgt Ion: 75 Resp: 7309
Ion Ratio Lower Upper
75 100
53 88.1 61.0 91.6
89 51.0 35.4 53.0



#82
4-Chlorotoluene
Concen: 21.555 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion: 91 Resp: 96715
Ion Ratio Lower Upper
91 100
126 39.7 18.9 56.5





#83

tert-Butylbenzene

Concen: 21.463 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

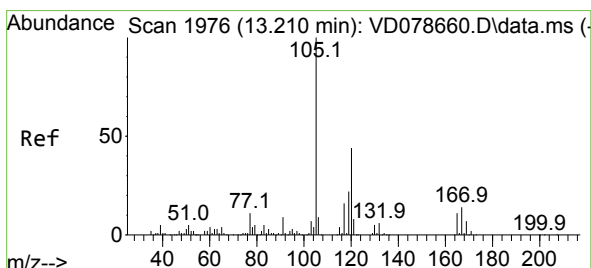
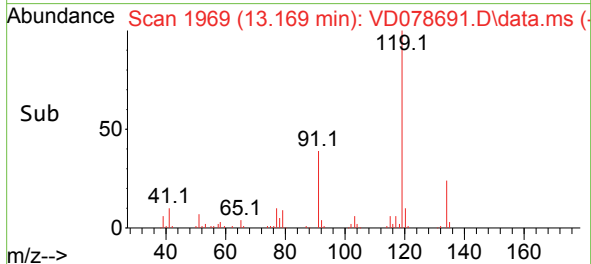
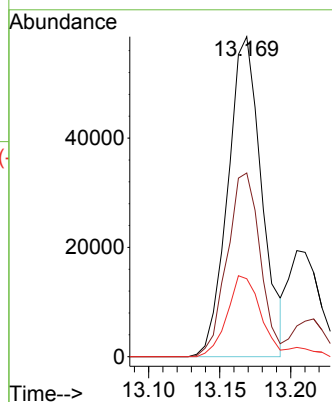
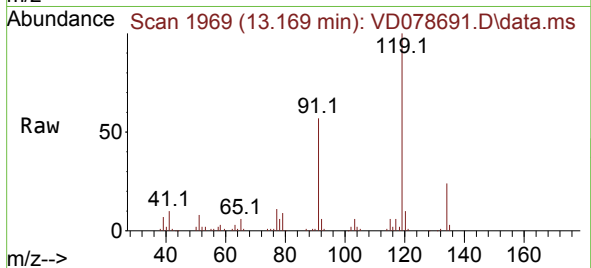
Tgt Ion:119 Resp: 97221

Ion Ratio Lower Upper

119 100

91 56.2 28.9 86.7

134 25.3 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 21.398 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078691.D

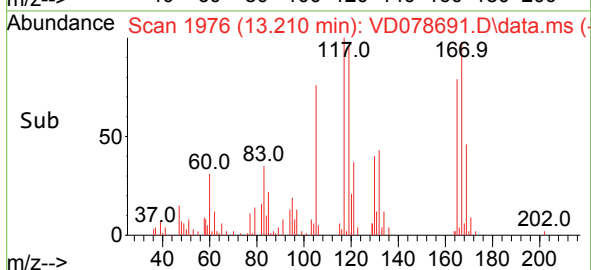
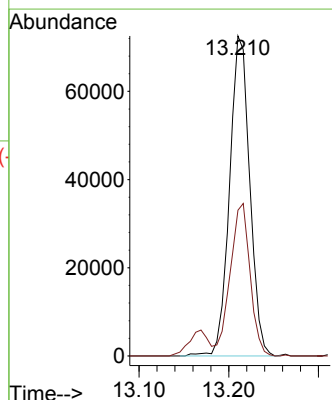
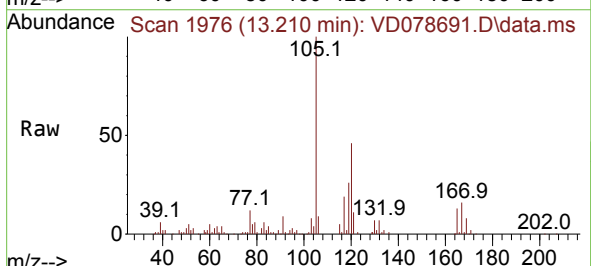
Acq: 18 Mar 2024 12:27

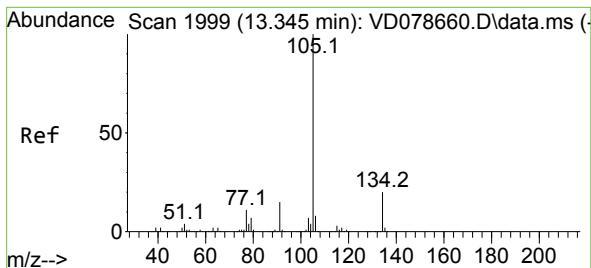
Tgt Ion:105 Resp: 113282

Ion Ratio Lower Upper

105 100

120 47.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 21.997 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

Instrument :

MSVOA_D

ClientSampleId :

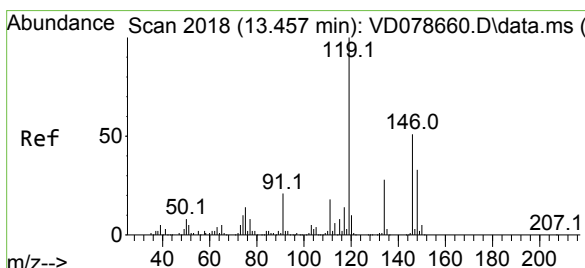
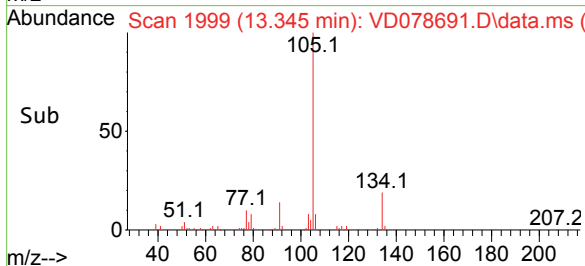
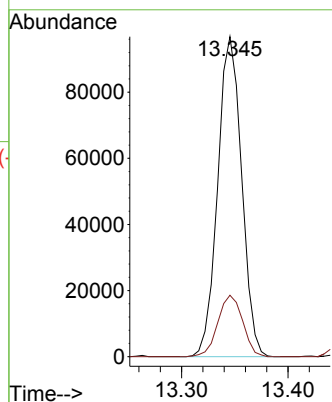
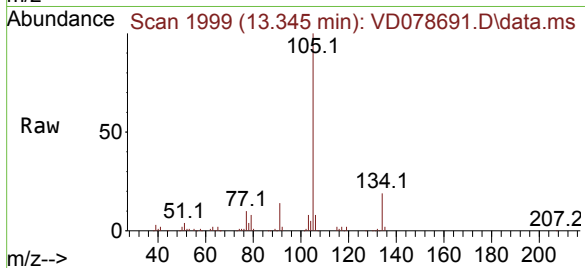
VD0318SBS01

Tgt Ion:105 Resp: 150791

Ion Ratio Lower Upper

105 100

134 19.9 10.4 31.2



#86

p-Isopropyltoluene

Concen: 21.370 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

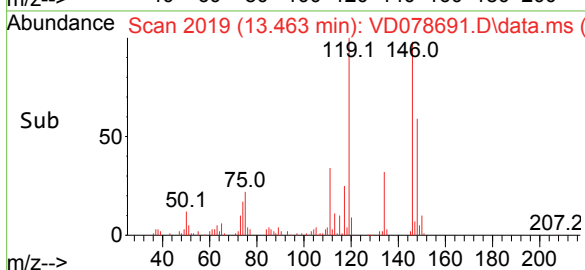
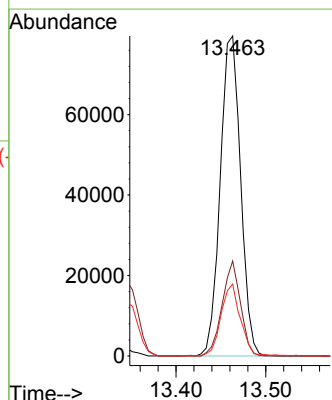
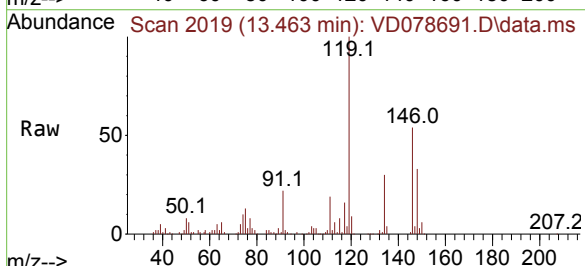
Tgt Ion:119 Resp: 125409

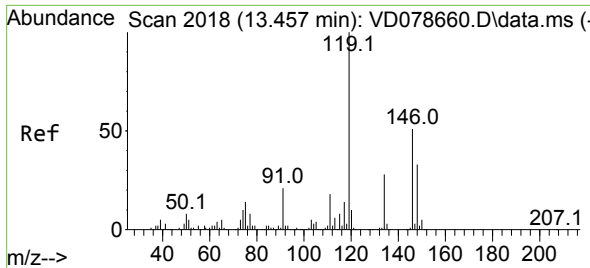
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.5

91 21.4 10.4 31.2

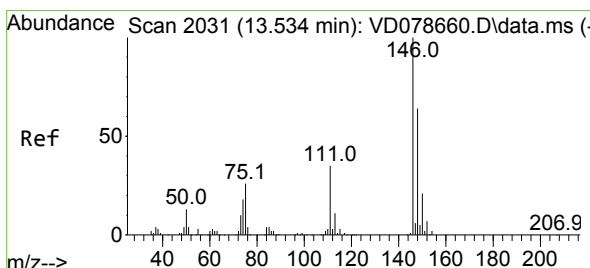
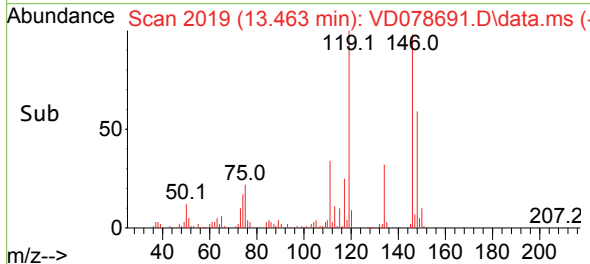
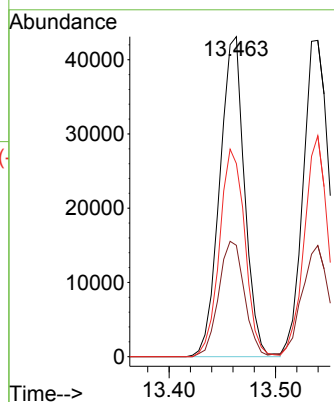
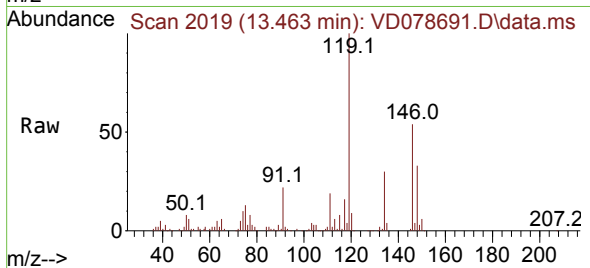




#87
1,3-Dichlorobenzene
Concen: 20.974 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

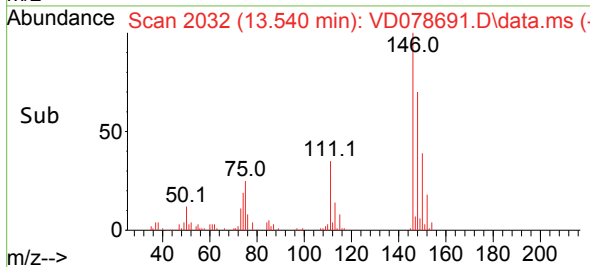
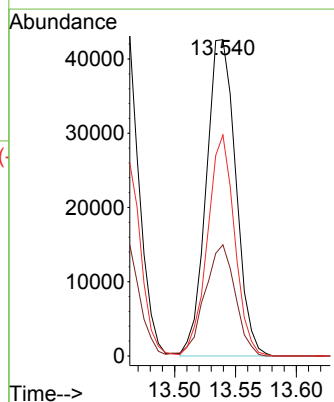
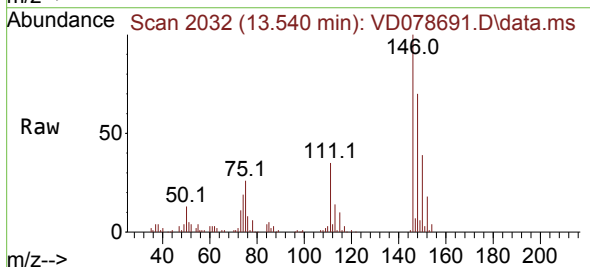
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

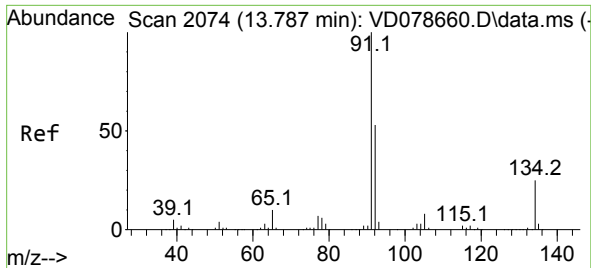
Tgt Ion:146 Resp: 69732
Ion Ratio Lower Upper
146 100
111 37.5 18.2 54.6
148 66.3 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 21.991 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion:146 Resp: 72055
Ion Ratio Lower Upper
146 100
111 36.2 17.8 53.3
148 64.0 32.4 97.0

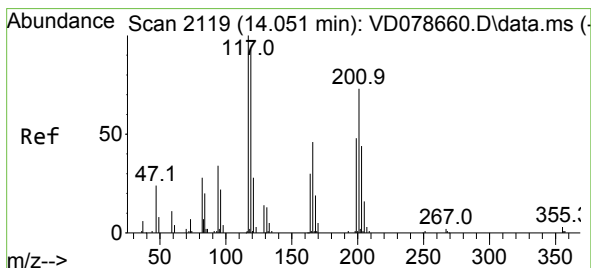
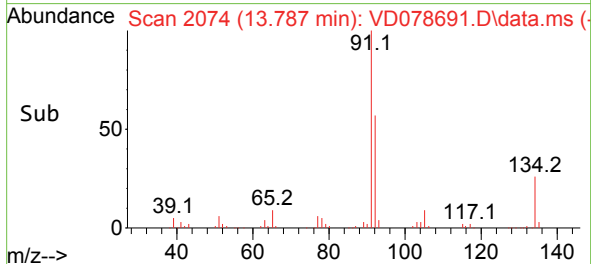
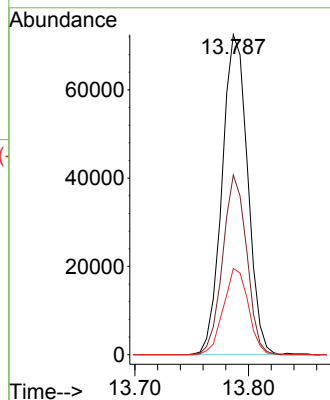
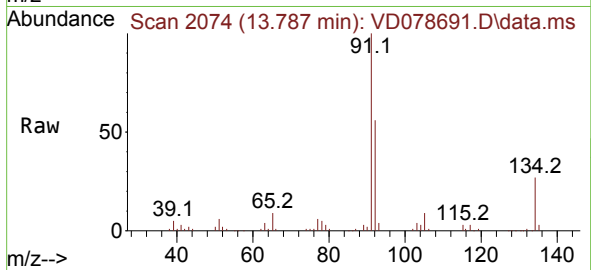




#89
n-Butylbenzene
Concen: 21.400 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

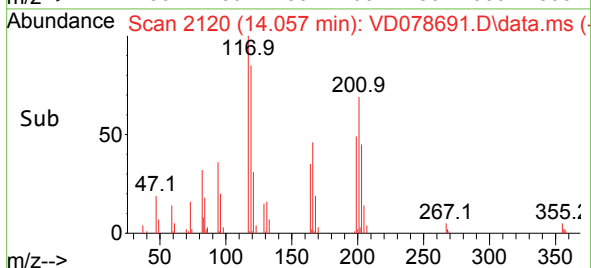
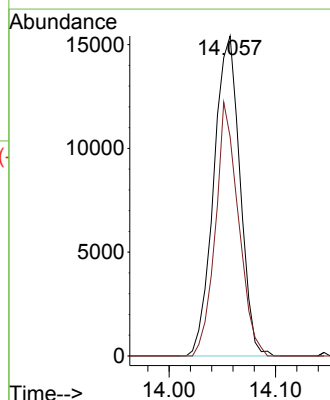
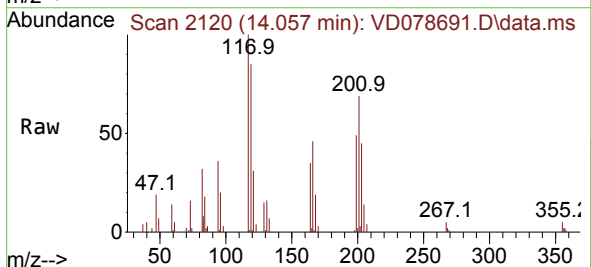
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBS01

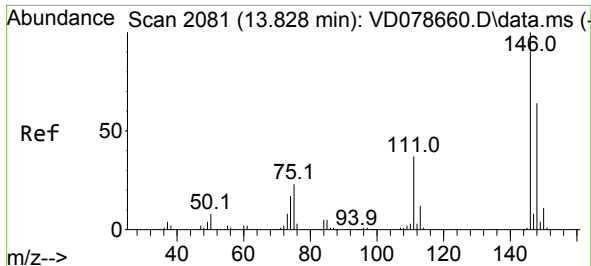
Tgt Ion: 91 Resp: 113417
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 26.3 13.0 38.9



#90
Hexachloroethane
Concen: 21.649 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078691.D
Acq: 18 Mar 2024 12:27

Tgt Ion: 117 Resp: 26288
Ion Ratio Lower Upper
117 100
201 69.8 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 21.559 ug/l

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

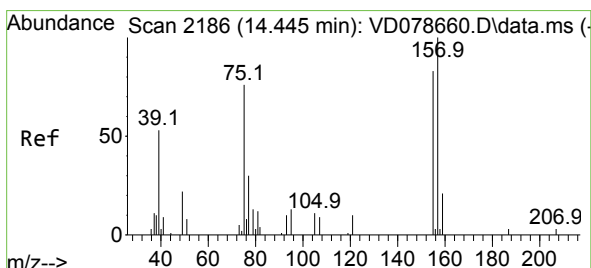
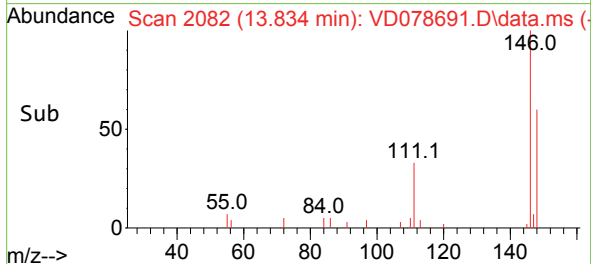
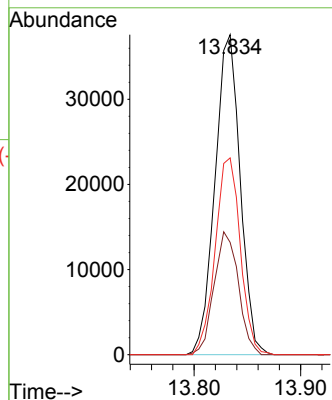
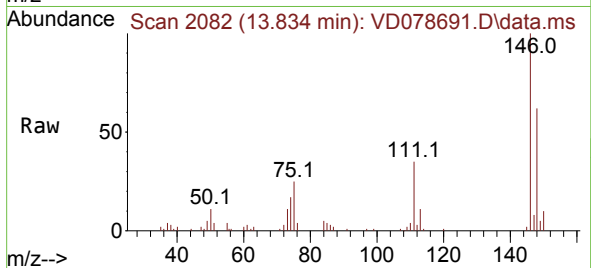
Tgt Ion:146 Resp: 61732

Ion Ratio Lower Upper

146 100

111 37.1 18.6 56.0

148 61.3 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.693 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

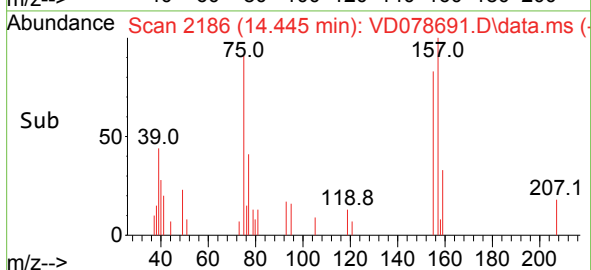
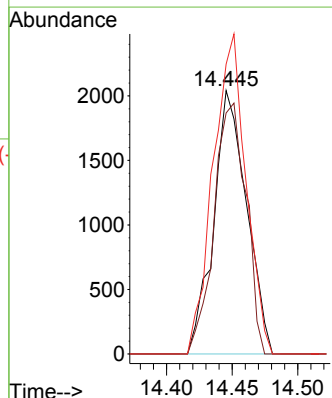
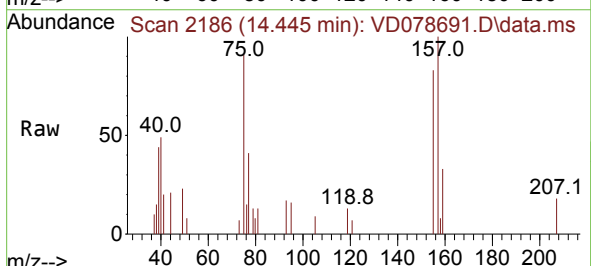
Tgt Ion: 75 Resp: 3570

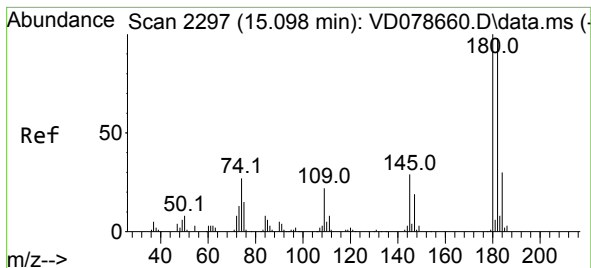
Ion Ratio Lower Upper

75 100

155 92.6 49.8 149.3

157 121.1 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 20.891 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

Instrument :

MSVOA_D

ClientSampleId :

VD0318SBS01

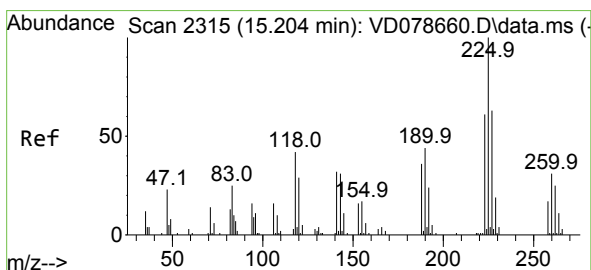
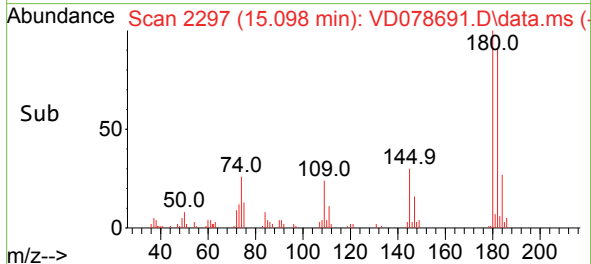
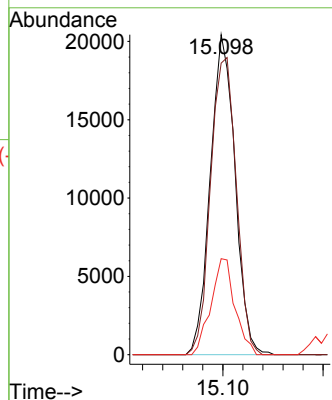
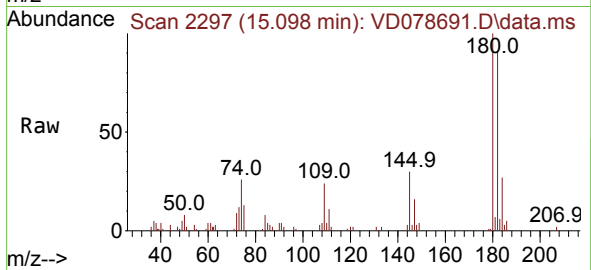
Tgt Ion:180 Resp: 34911

Ion Ratio Lower Upper

180 100

182 96.3 49.7 149.1

145 29.2 14.6 44.0



#94

Hexachlorobutadiene

Concen: 20.995 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078691.D

Acq: 18 Mar 2024 12:27

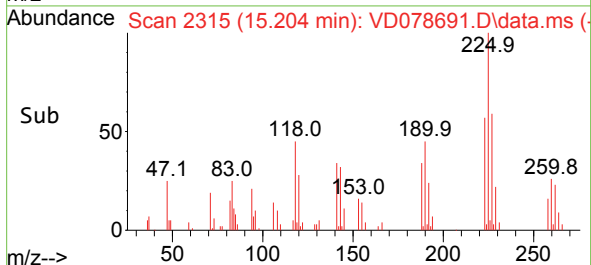
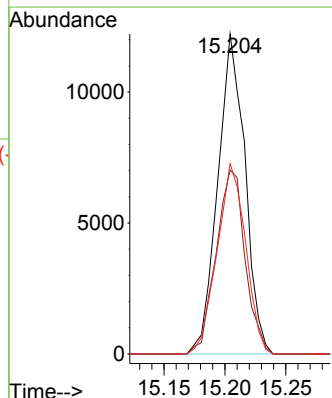
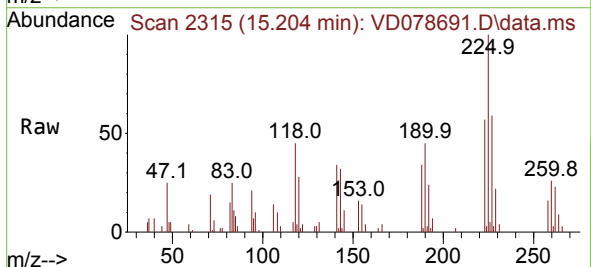
Tgt Ion:225 Resp: 18994

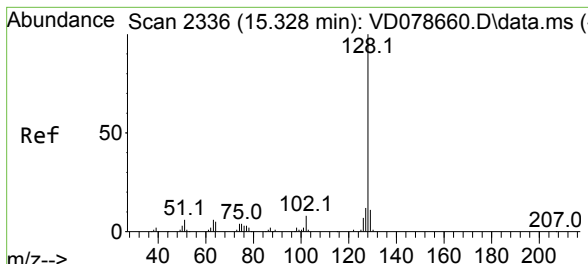
Ion Ratio Lower Upper

225 100

223 61.3 31.9 95.7

227 62.5 32.0 96.0

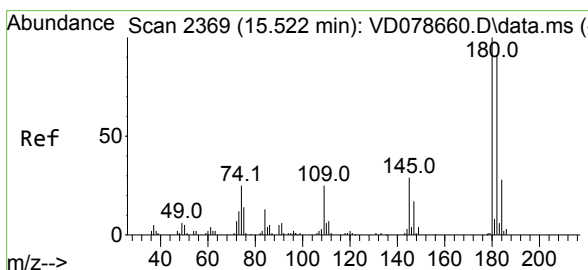
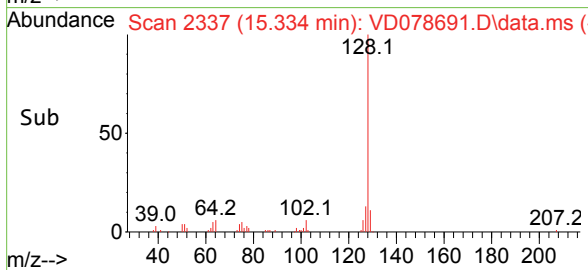
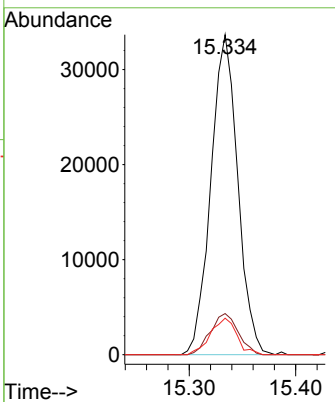
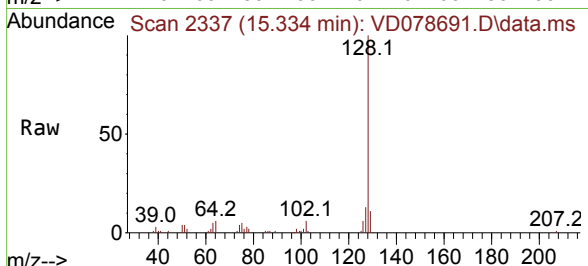




#95
 Naphthalene
 Concen: 20.300 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078691.D
 Acq: 18 Mar 2024 12:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBS01

Tgt Ion:	128	Resp:	58980
Ion Ratio	Lower	Upper	
128	100		
127	12.9	9.3	13.9
129	11.4	8.9	13.3



#96
 1,2,3-Trichlorobenzene
 Concen: 21.233 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD078691.D
 Acq: 18 Mar 2024 12:27

Tgt Ion:	180	Resp:	30697
Ion Ratio	Lower	Upper	
180	100		
182	92.6	46.7	140.1
145	29.2	14.4	43.4

