

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078205.D
 Acq On : 23 Jan 2024 12:40
 Operator : RP/MD
 Sample : VD0123SBSD01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0123SBSD01

Quant Time: Jan 24 00:19:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	143870	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	264520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	238950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	110200	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	81461	49.598	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.200%
35) Dibromofluoromethane	7.805	113	84024	48.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.520%
50) Toluene-d8	10.275	98	329768	47.839	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.680%
62) 4-Bromofluorobenzene	12.575	95	94776	47.410	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.820%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.940	85	35394	22.367	ug/l	98
3) Chloromethane	2.152	50	54557	20.739	ug/l	96
4) Vinyl Chloride	2.293	62	67071	19.660	ug/l	99
5) Bromomethane	2.699	94	45663	18.341	ug/l	99
6) Chloroethane	2.840	64	47938	20.116	ug/l	96
7) Trichlorofluoromethane	3.187	101	61917	19.953	ug/l	97
8) Diethyl Ether	3.605	74	16968	19.725	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.975	101	35240	19.607	ug/l	92
10) Methyl Iodide	4.175	142	33157	18.404	ug/l	92
11) Tert butyl alcohol	5.064	59	7886	97.530	ug/l	100
12) 1,1-Dichloroethene	3.952	96	33989	19.090	ug/l	# 78
13) Acrolein	3.811	56	14031	75.591	ug/l	92
14) Allyl chloride	4.569	41	41424	17.639	ug/l	# 87
15) Acrylonitrile	5.264	53	38708	100.275	ug/l	# 88
16) Acetone	4.028	43	57384	129.915	ug/l	# 85
17) Carbon Disulfide	4.281	76	110998	19.226	ug/l	98
18) Methyl Acetate	4.569	43	27197	19.247	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	72704	19.582	ug/l	98
20) Methylene Chloride	4.816	84	44539	19.684	ug/l	# 88
21) trans-1,2-Dichloroethene	5.322	96	38180	18.558	ug/l	90
22) Diisopropyl ether	6.222	45	97564	19.633	ug/l	97
23) Vinyl Acetate	6.158	43	237074	96.828	ug/l	# 90
24) 1,1-Dichloroethane	6.122	63	66995	19.510	ug/l	94
25) 2-Butanone	7.087	43	63620	117.487	ug/l	# 84
26) 2,2-Dichloropropane	7.087	77	54201	18.842	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	41771	18.901	ug/l	92
28) Bromochloromethane	7.434	49	24528	18.314	ug/l	# 80
29) Tetrahydrofuran	7.452	42	26434	97.557	ug/l	87
30) Chloroform	7.605	83	66001	18.900	ug/l	98
31) Cyclohexane	7.887	56	56946	18.752	ug/l	88
32) 1,1,1-Trichloroethane	7.799	97	57799	19.160	ug/l	99
36) 1,1-Dichloropropene	8.010	75	51882	18.123	ug/l	93
37) Ethyl Acetate	7.169	43	18682	17.529	ug/l	98
38) Carbon Tetrachloride	7.999	117	50054	17.703	ug/l	95
39) Methylcyclohexane	9.281	83	60121	17.758	ug/l	89
40) Benzene	8.257	78	150688	18.548	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	10598	18.110	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	40289	19.060	ug/l	94
43) Isopropyl Acetate	8.369	43	37760	19.339	ug/l #	89
44) Trichloroethene	9.034	130	37528	18.056	ug/l	94
45) 1,2-Dichloropropane	9.310	63	37143	18.425	ug/l	98
46) Dibromomethane	9.393	93	20714	18.710	ug/l #	86
47) Bromodichloromethane	9.587	83	50372	18.113	ug/l	98
48) Methyl methacrylate	9.381	41	20838	18.434	ug/l #	79
49) 1,4-Dioxane	9.393	88	4272	398.794	ug/l #	87
51) 4-Methyl-2-Pentanone	10.163	43	99401	96.879	ug/l	88
52) Toluene	10.334	92	91266	17.723	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	47306	18.438	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	57244	18.612	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	27498	18.562	ug/l	91
56) Ethyl methacrylate	10.599	69	23096	19.046	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	46374	18.305	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	68841	94.729	ug/l	93
59) 2-Hexanone	10.922	43	89374	107.192	ug/l	86
60) Dibromochloromethane	11.075	129	31993	18.318	ug/l	99
61) 1,2-Dibromoethane	11.181	107	25295	18.524	ug/l	100
64) Tetrachloroethene	10.810	164	28709	18.375	ug/l	93
65) Chlorobenzene	11.610	112	97018	18.380	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	33804	17.920	ug/l	97
67) Ethyl Benzene	11.687	91	172563	17.965	ug/l	97
68) m/p-Xylenes	11.793	106	131630	35.879	ug/l	88
69) o-Xylene	12.122	106	59494	17.869	ug/l	89
70) Styrene	12.134	104	90152	18.070	ug/l	93
71) Bromoform	12.304	173	16944	18.138	ug/l #	96
73) Isopropylbenzene	12.422	105	157713	18.202	ug/l	97
74) N-amyl acetate	12.234	43	31617	19.072	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	31552	19.570	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	38070	36.018	ug/l #	100
77) Bromobenzene	12.704	156	35007	18.427	ug/l	83
78) n-propylbenzene	12.763	91	201387	18.739	ug/l	94
79) 2-Chlorotoluene	12.851	91	108040	18.839	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	131266	18.270	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	10426	21.248	ug/l	98
82) 4-Chlorotoluene	12.951	91	112549	18.618	ug/l	95
83) tert-Butylbenzene	13.169	119	107309	17.867	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	133564	18.382	ug/l	94
85) sec-Butylbenzene	13.345	105	164827	18.125	ug/l	94
86) p-Isopropyltoluene	13.463	119	143220	18.097	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	71390	18.150	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	72734	18.718	ug/l	96
89) n-Butylbenzene	13.787	91	140955	18.296	ug/l	96
90) Hexachloroethane	14.057	117	29626	19.084	ug/l	83
91) 1,2-Dichlorobenzene	13.834	146	61337	18.545	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4127	17.912	ug/l	92
93) 1,2,4-Trichlorobenzene	15.104	180	37091	18.142	ug/l	94
94) Hexachlorobutadiene	15.204	225	18757	18.986	ug/l	95
95) Naphthalene	15.334	128	70805	18.523	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	31658	18.456	ug/l	97

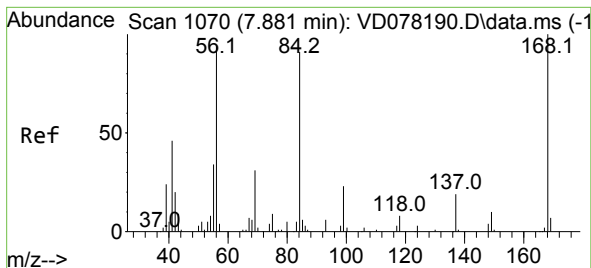
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Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

Instrument :

MSVOA_D

ClientSampleId :

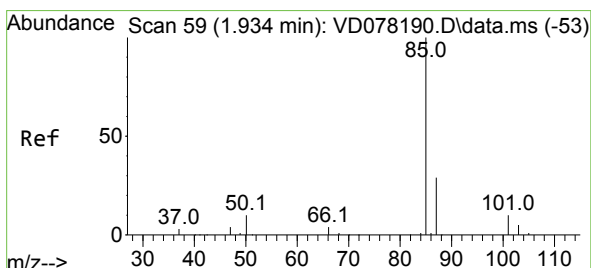
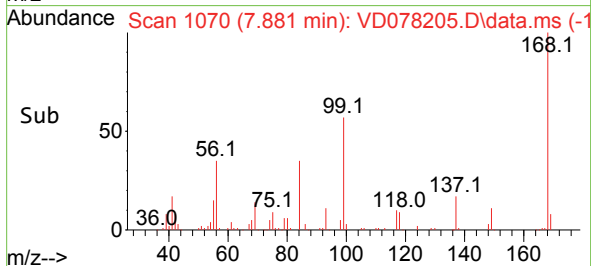
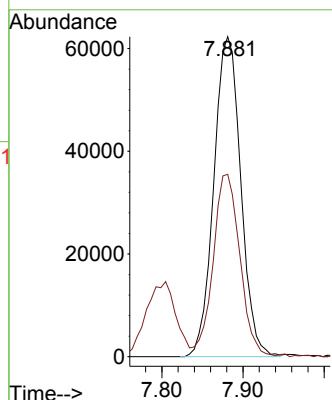
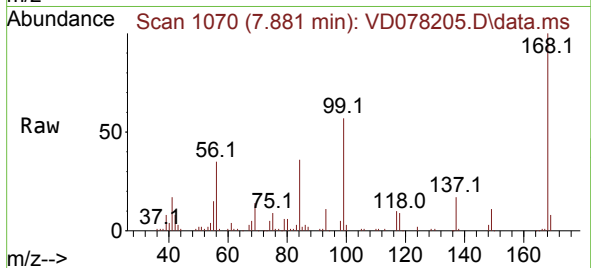
VD0123SBSD01

Tgt Ion:168 Resp: 143870

Ion Ratio Lower Upper

168 100

99 56.4 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 22.367 ug/l

RT: 1.940 min Scan# 60

Delta R.T. 0.006 min

Lab File: VD078205.D

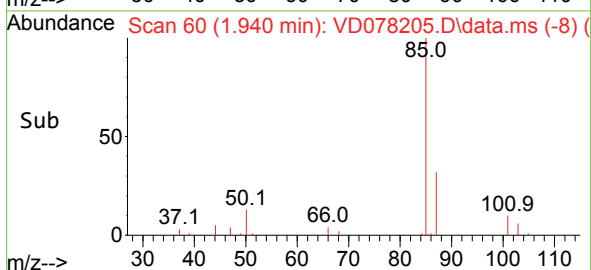
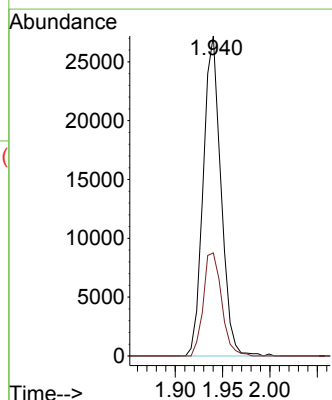
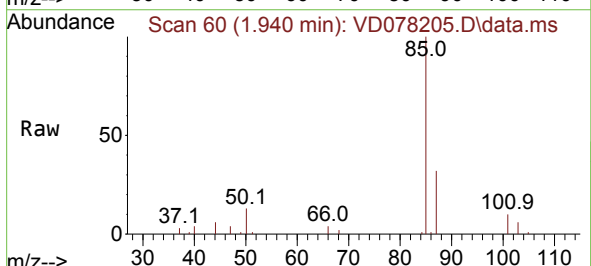
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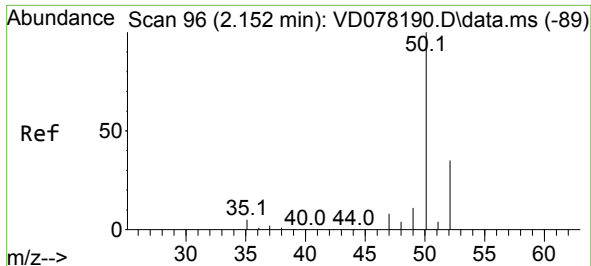
Tgt Ion: 85 Resp: 35394

Ion Ratio Lower Upper

85 100

87 32.2 15.7 47.0

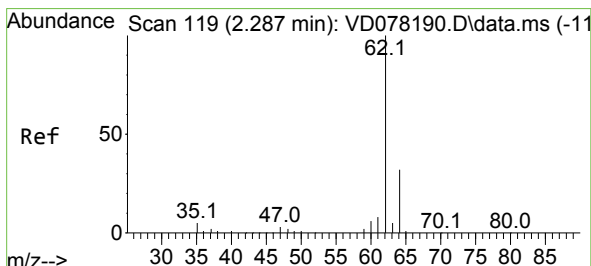
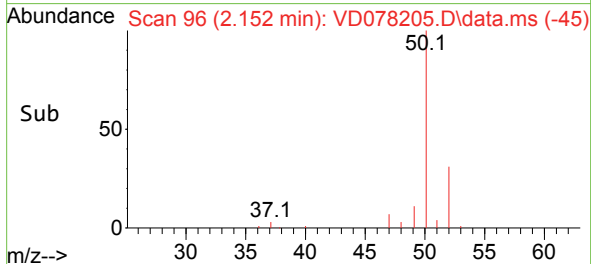
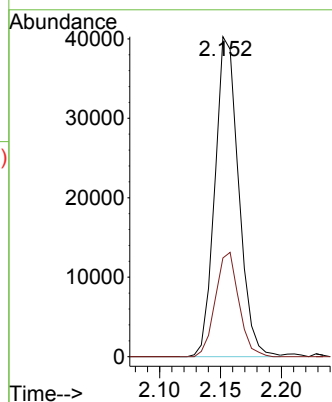
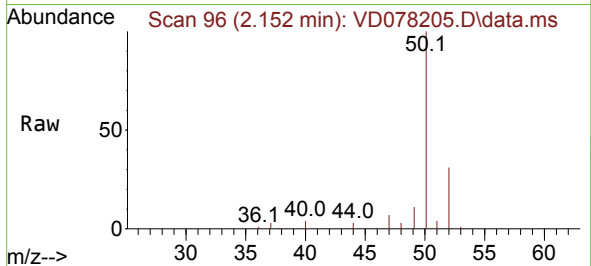




#3
Chloromethane
Concen: 20.739 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

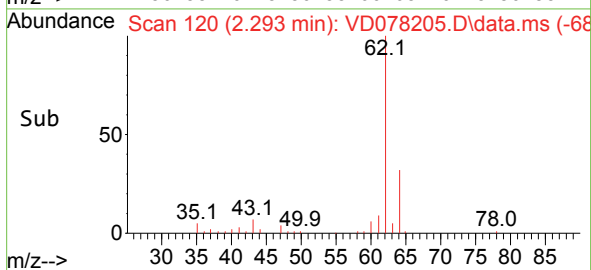
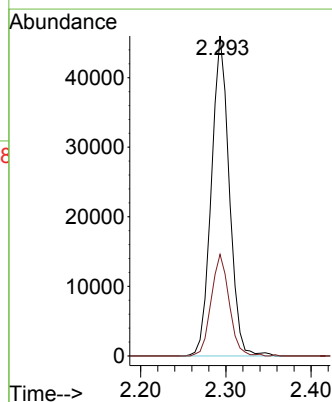
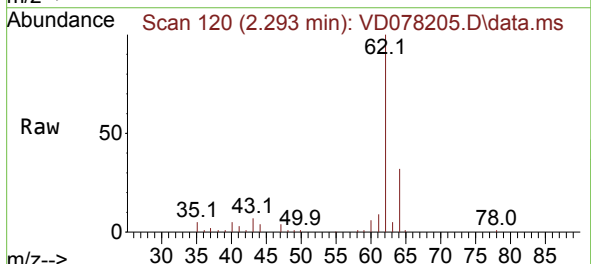
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

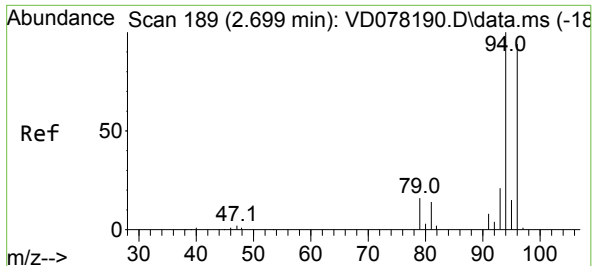
Tgt Ion: 50 Resp: 54557
Ion Ratio Lower Upper
50 100
52 30.9 26.6 40.0



#4
Vinyl Chloride
Concen: 19.660 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 62 Resp: 67071
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0

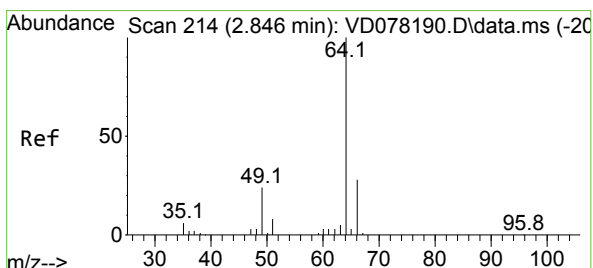
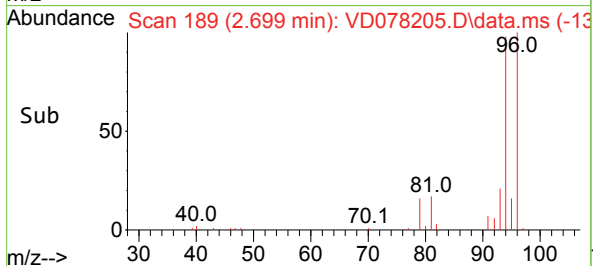
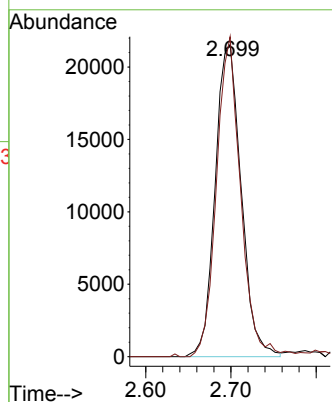
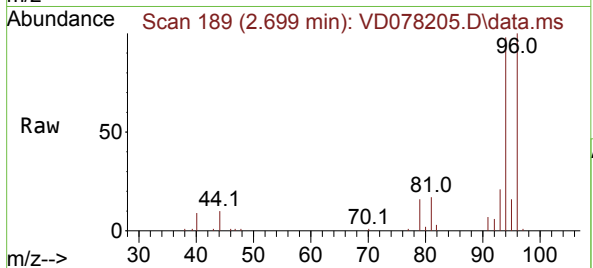




#5
Bromomethane
Concen: 18.341 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

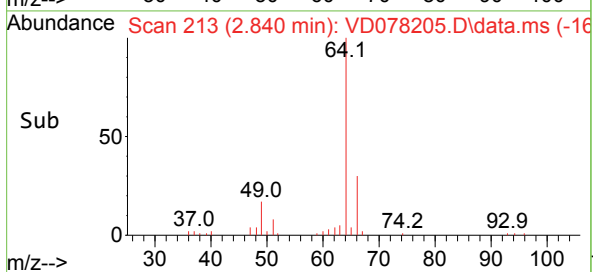
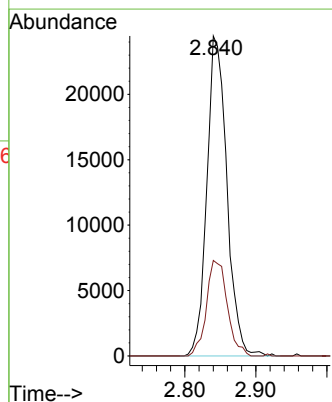
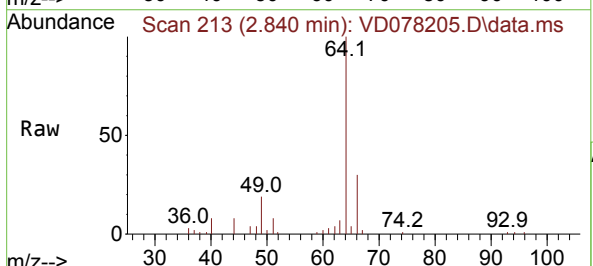
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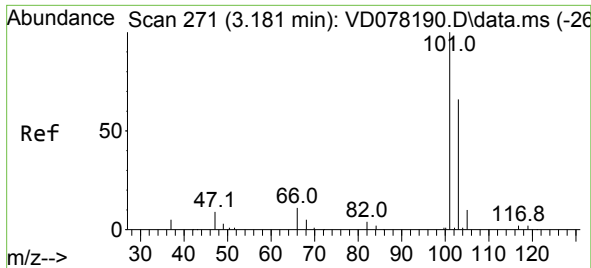
Tgt Ion: 94 Resp: 45663
Ion Ratio Lower Upper
94 100
96 95.4 75.8 113.8



#6
Chloroethane
Concen: 20.116 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 64 Resp: 47938
Ion Ratio Lower Upper
64 100
66 29.8 25.5 38.3

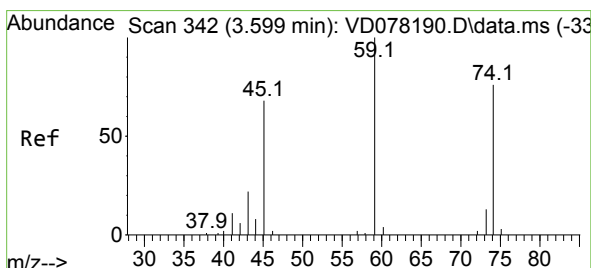
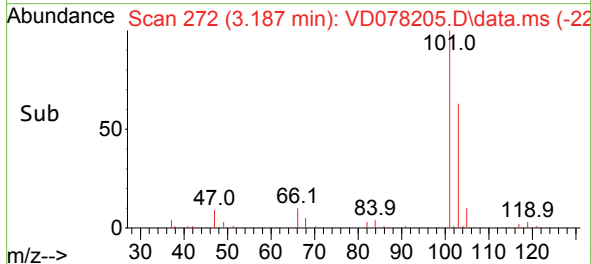
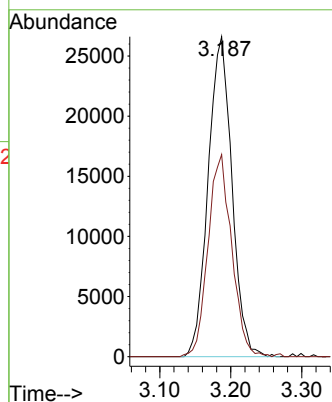
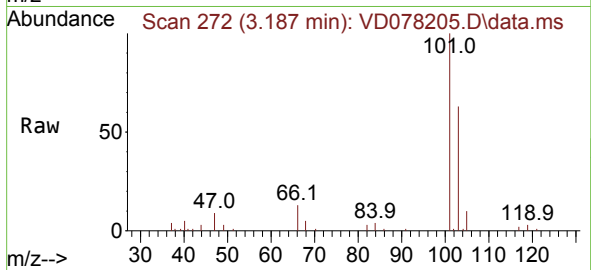




#7
 Trichlorofluoromethane
 Concen: 19.953 ug/l
 RT: 3.187 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078205.D
 Acq: 23 Jan 2024 12:40

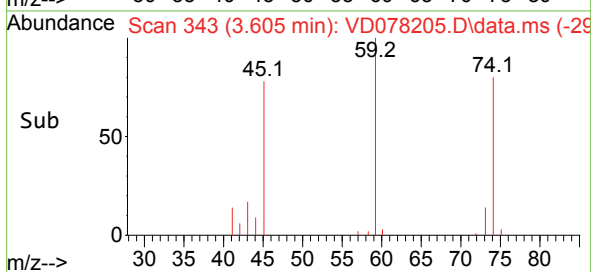
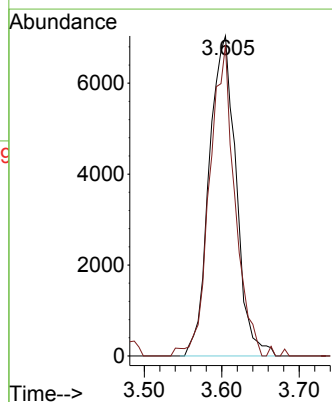
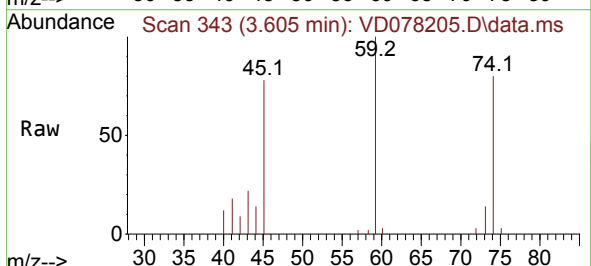
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 VD0123SBSD01

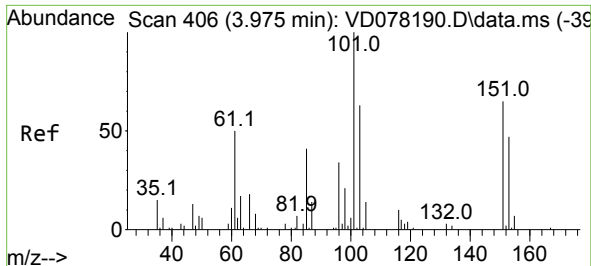
Tgt Ion:101 Resp: 61917
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.725 ug/l
 RT: 3.605 min Scan# 343
 Delta R.T. 0.006 min
 Lab File: VD078205.D
 Acq: 23 Jan 2024 12:40

Tgt Ion: 74 Resp: 16968
 Ion Ratio Lower Upper
 74 100
 45 91.3 37.5 112.7

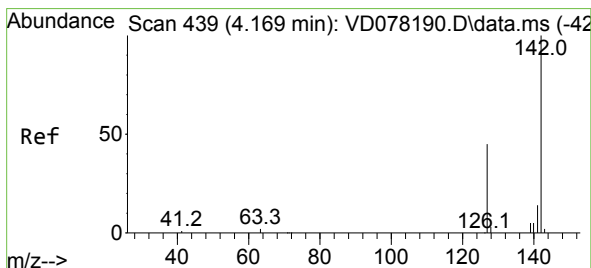
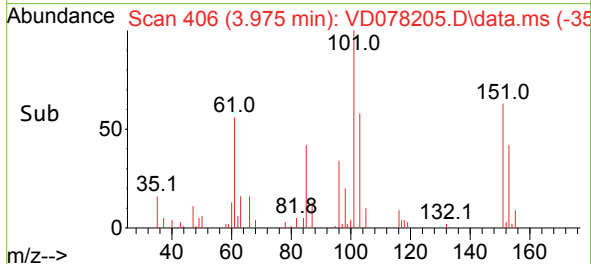
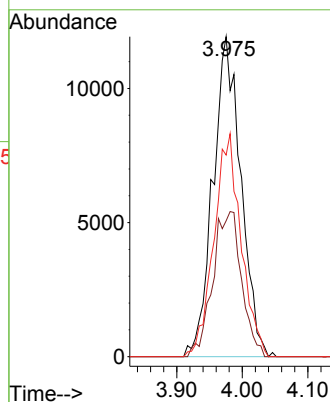
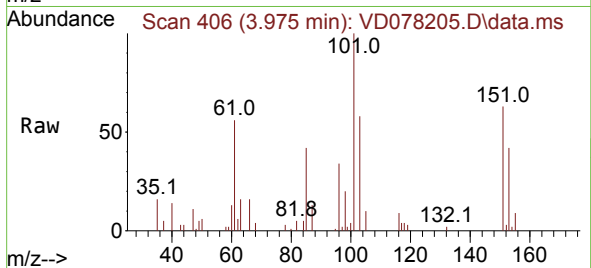




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.607 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078205.D
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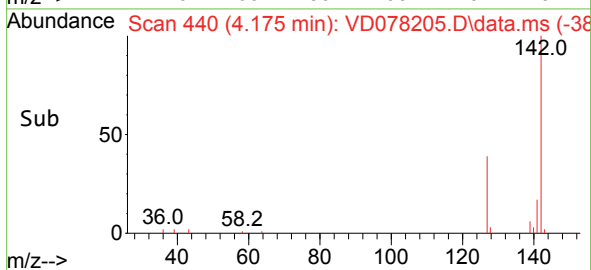
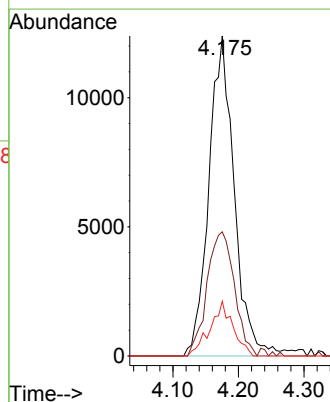
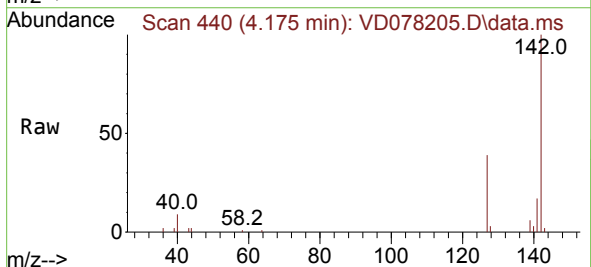
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MSVOA_D
ClientSampleId :
VD0123SBS01

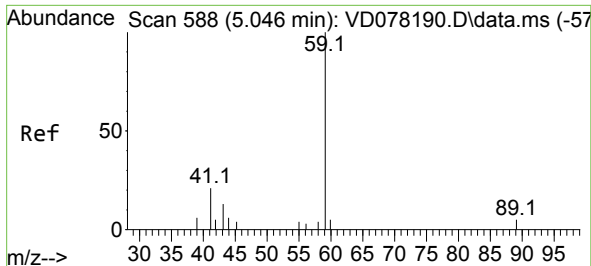
Tgt Ion:	101	Resp:	35240
Ion	Ratio	Lower	Upper
101	100		
85	46.8	33.8	50.6
151	67.8	59.8	89.6



#10
Methyl Iodide
Concen: 18.404 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion:	142	Resp:	33157
Ion	Ratio	Lower	Upper
142	100		
127	42.0	29.4	44.0
141	15.5	11.1	16.7

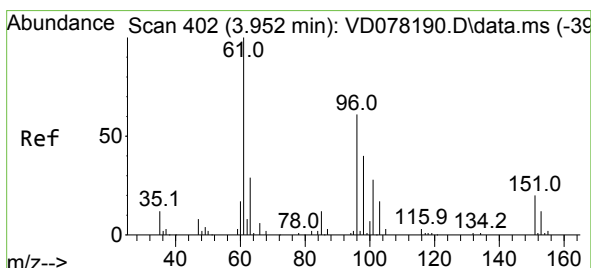
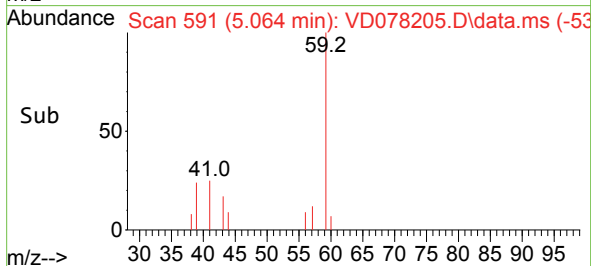
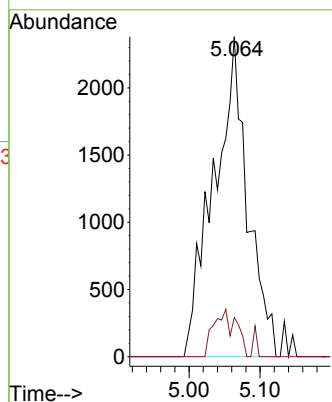
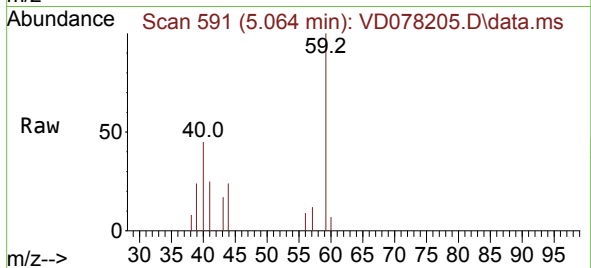




#11
Tert butyl alcohol
Concen: 97.530 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.018 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

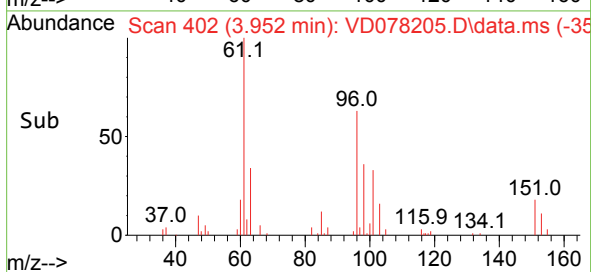
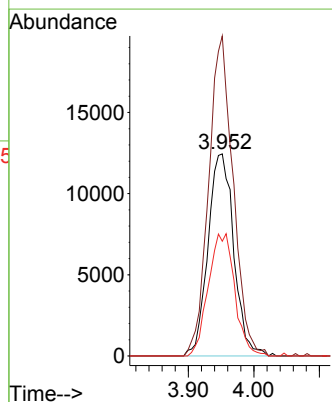
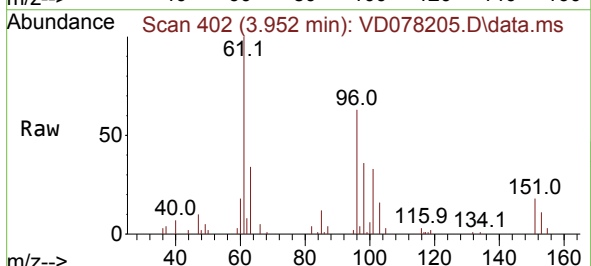
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

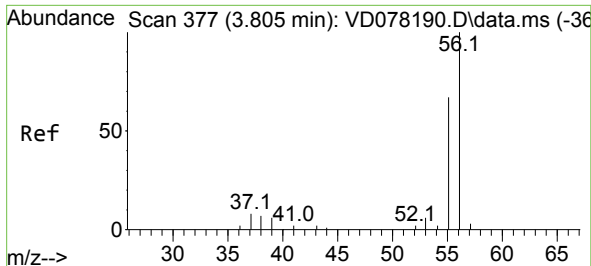
Tgt Ion: 59 Resp: 7886
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8



#12
1,1-Dichloroethene
Concen: 19.090 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 96 Resp: 33989
Ion Ratio Lower Upper
96 100
61 158.4 100.6 150.8#
98 56.8 50.2 75.2





#13

Acrolein

Concen: 75.591 ug/l

RT: 3.811 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

Instrument :

MSVOA_D

ClientSampleId :

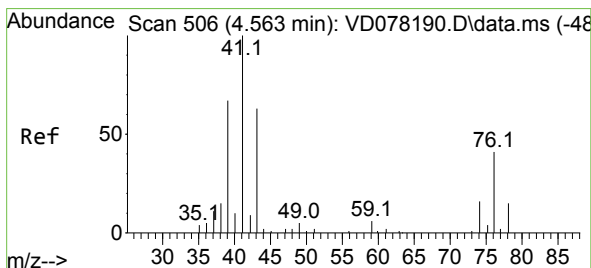
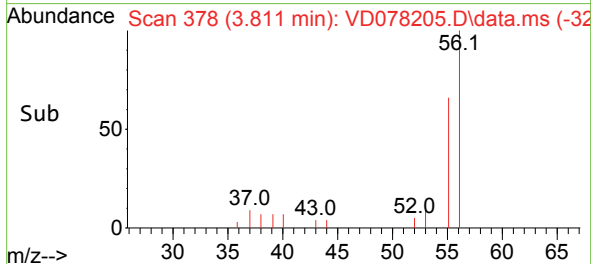
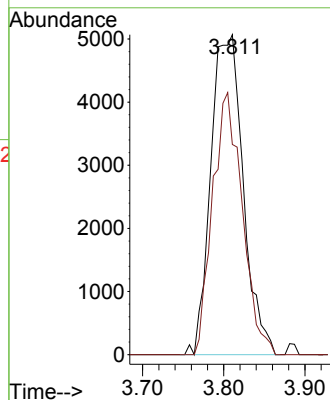
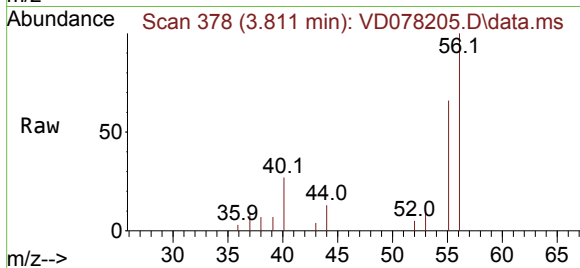
VD0123SBSD01

Tgt Ion: 56 Resp: 14031

Ion Ratio Lower Upper

56 100

55 75.1 55.1 82.7



#14

Allyl chloride

Concen: 17.639 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

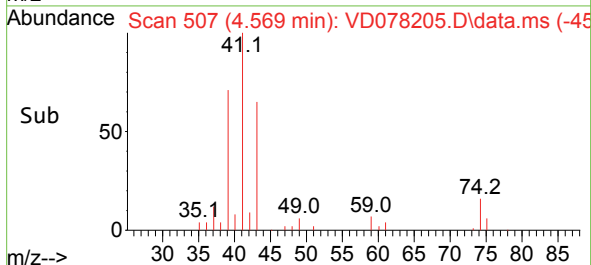
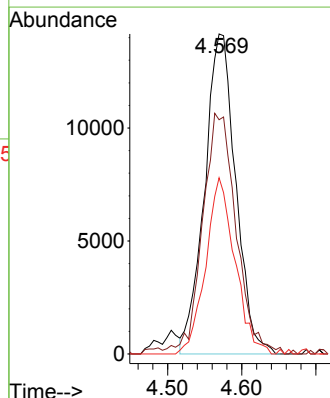
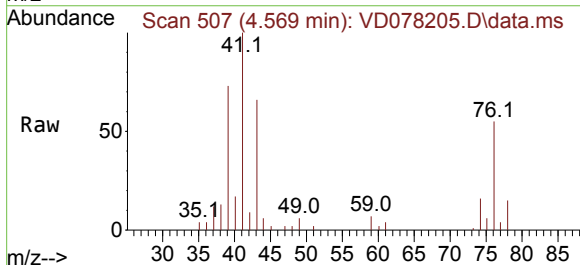
Tgt Ion: 41 Resp: 41424

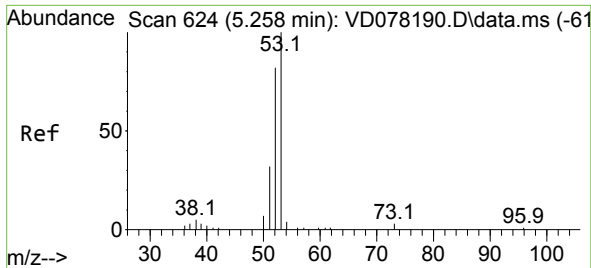
Ion Ratio Lower Upper

41 100

39 81.0 53.8 80.6#

76 51.6 45.8 68.8

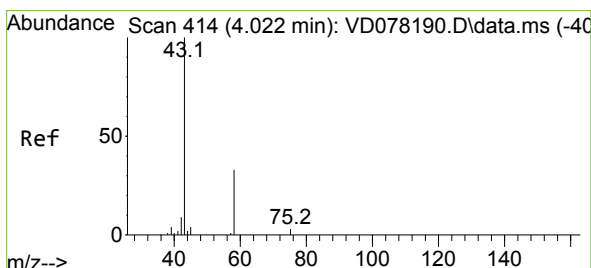
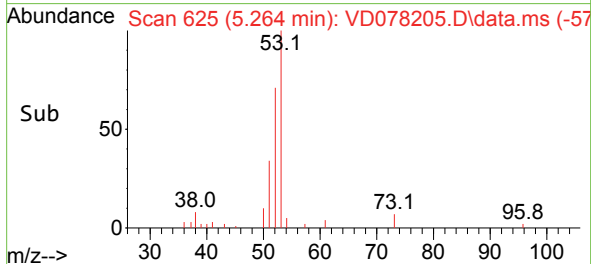
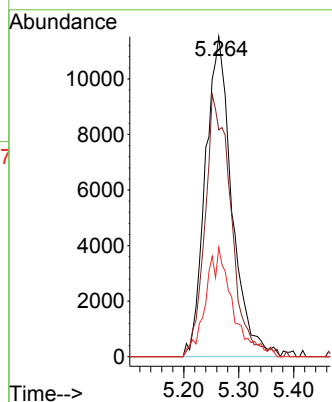
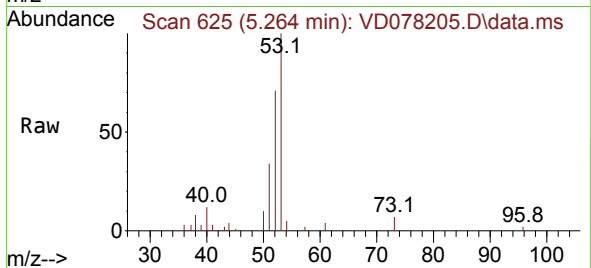




#15
Acrylonitrile
Concen: 100.275 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

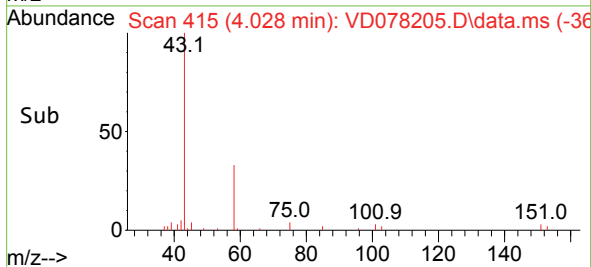
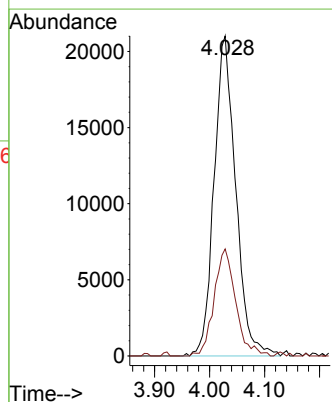
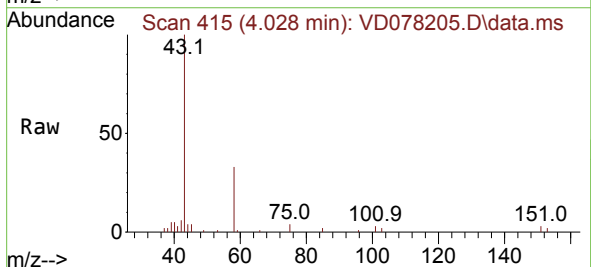
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

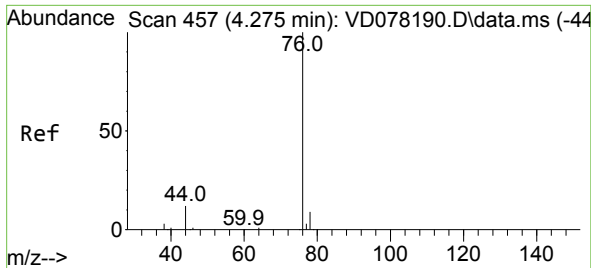
Tgt Ion: 53 Resp: 38708
Ion Ratio Lower Upper
53 100
52 80.3 65.0 97.4
51 14.4 28.3 42.5#



#16
Acetone
Concen: 129.915 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 43 Resp: 57384
Ion Ratio Lower Upper
43 100
58 33.5 34.7 52.1#





#17

Carbon Disulfide

Concen: 19.226 ug/l

RT: 4.281 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

Instrument :

MSVOA_D

ClientSampleId :

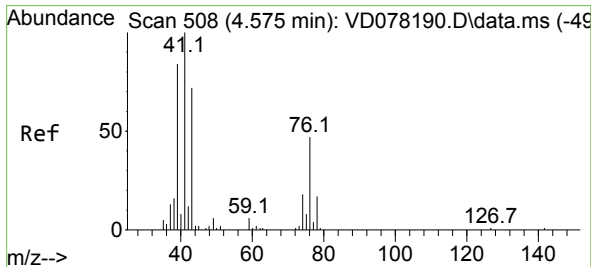
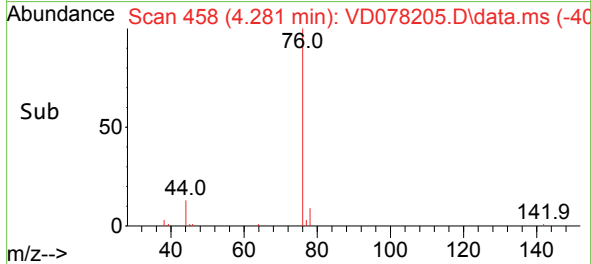
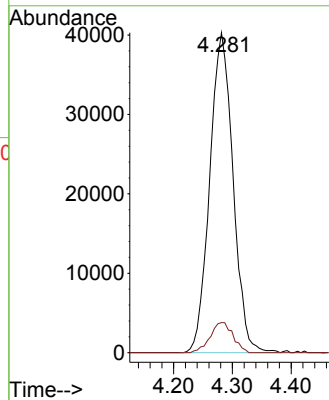
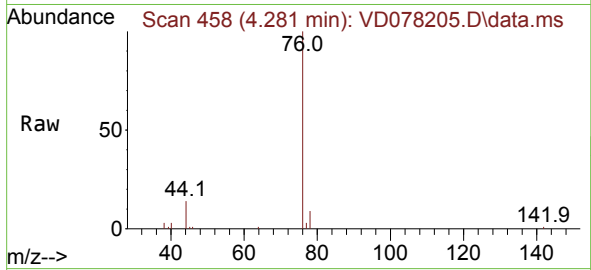
VD0123SBSD01

Tgt Ion: 76 Resp: 110998

Ion Ratio Lower Upper

76 100

78 9.4 6.8 10.2



#18

Methyl Acetate

Concen: 19.247 ug/l

RT: 4.569 min Scan# 507

Delta R.T. -0.006 min

Lab File: VD078205.D

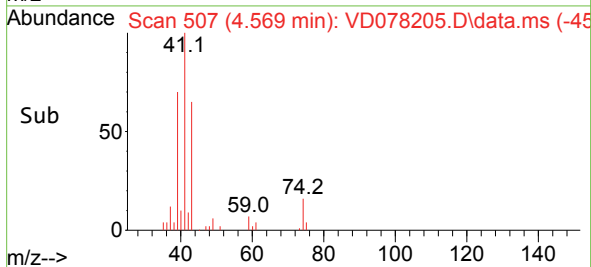
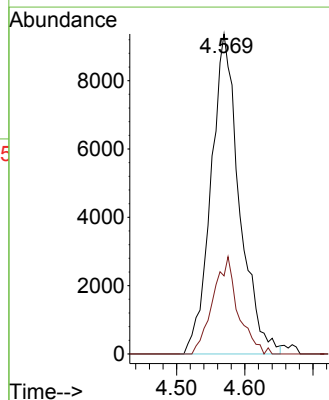
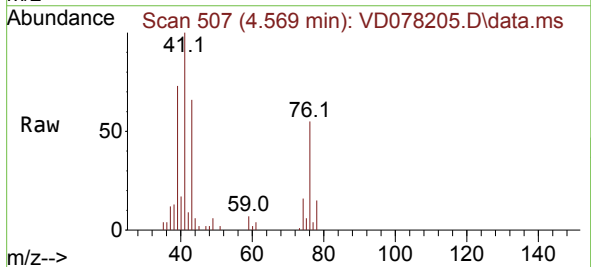
Acq: 23 Jan 2024 12:40

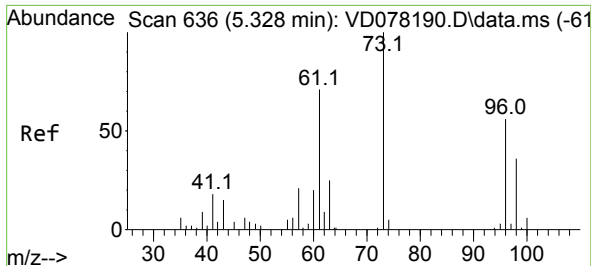
Tgt Ion: 43 Resp: 27197

Ion Ratio Lower Upper

43 100

74 26.9 26.4 39.6

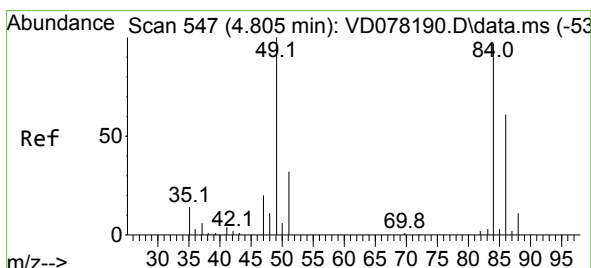
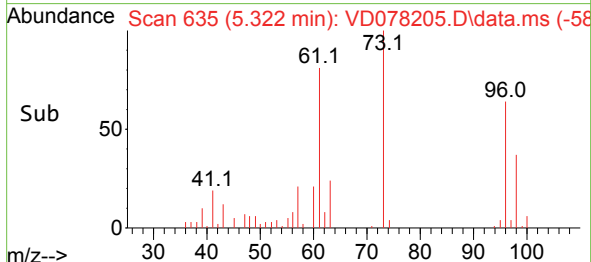
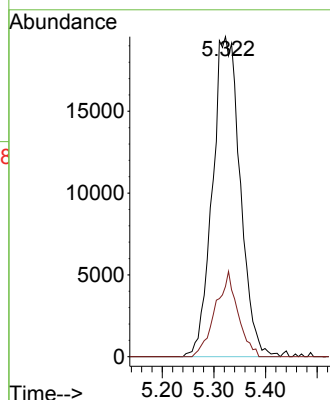
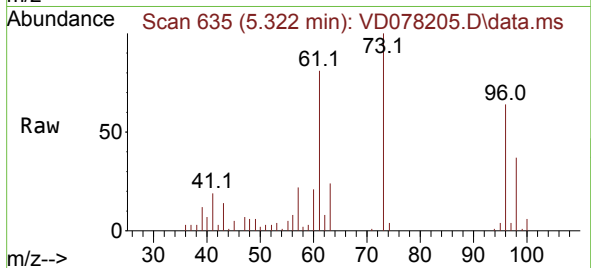




#19
Methyl tert-butyl Ether
Concen: 19.582 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

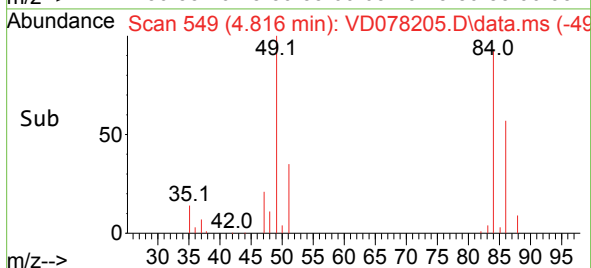
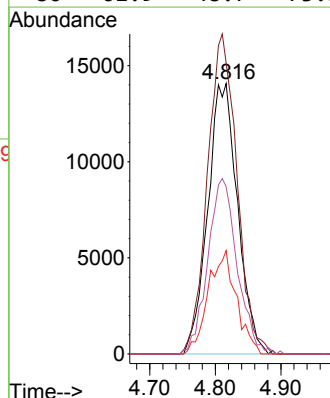
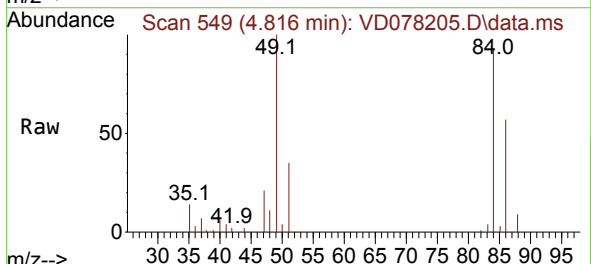
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

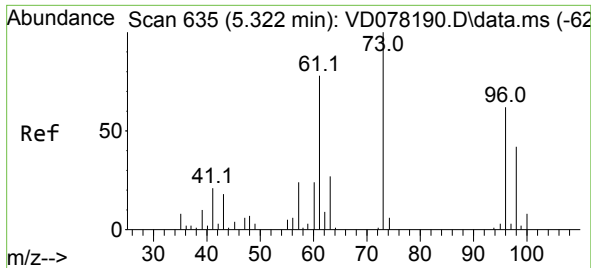
Tgt Ion: 73 Resp: 72704
Ion Ratio Lower Upper
73 100
57 21.9 16.6 25.0



#20
Methylene Chloride
Concen: 19.684 ug/l
RT: 4.816 min Scan# 549
Delta R.T. 0.011 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

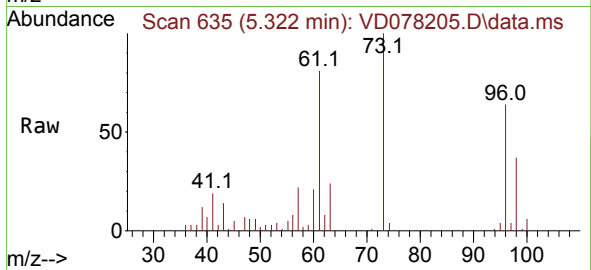
Tgt Ion: 84 Resp: 44539
Ion Ratio Lower Upper
84 100
49 107.7 71.4 107.2#
51 38.2 24.5 36.7#
86 61.9 48.7 73.1



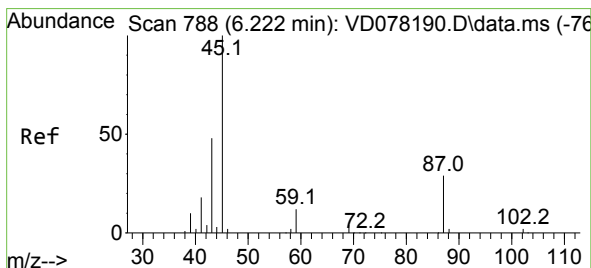
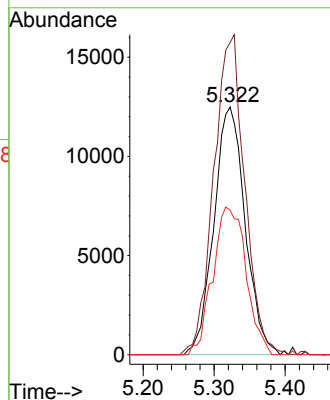
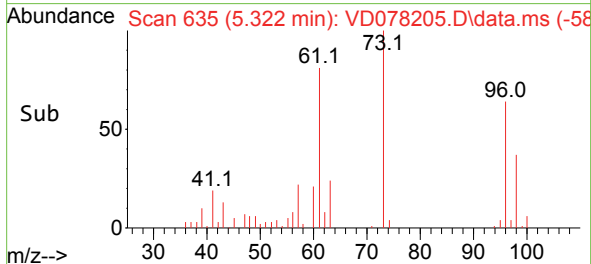


#21
trans-1,2-Dichloroethene
Concen: 18.558 ug/l
RT: 5.322 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

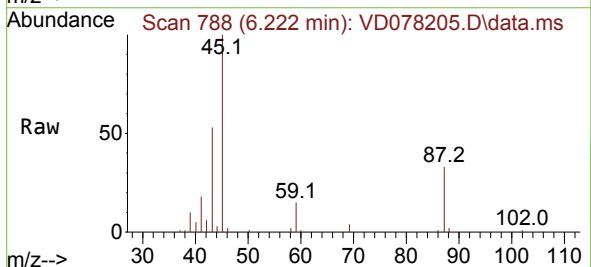
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01



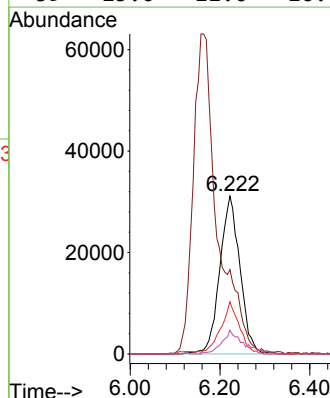
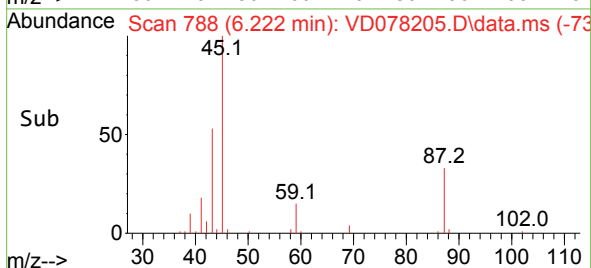
Tgt Ion: 96	Resp: 38180
Ion Ratio	Lower Upper
96 100	
61 126.2	89.3 133.9
98 58.4	48.6 73.0

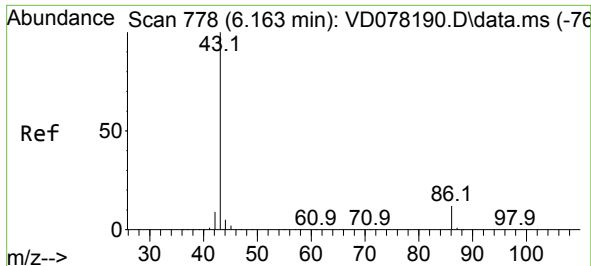


#22
Diisopropyl ether
Concen: 19.633 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40



Tgt Ion: 45	Resp: 97564
Ion Ratio	Lower Upper
45 100	
43 52.1	40.0 60.0
87 33.1	28.2 42.4
59 15.0	11.0 16.4

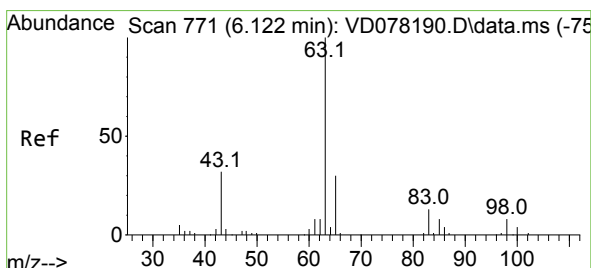
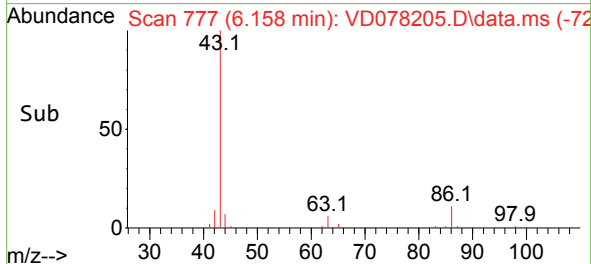
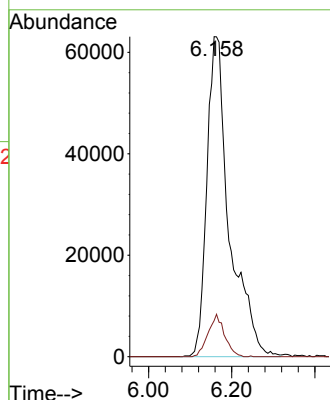
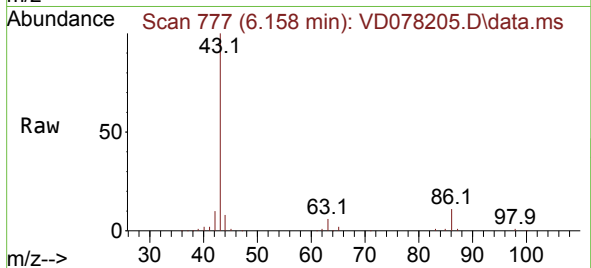




#23
 Vinyl Acetate
 Concen: 96.828 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD078205.D
 Acq: 23 Jan 2024 12:40

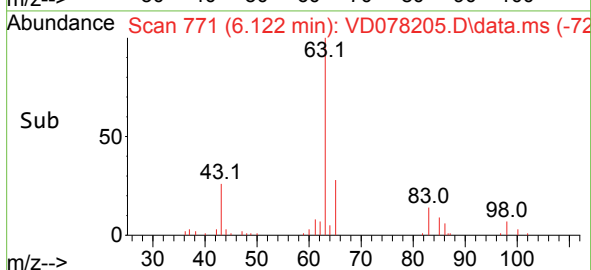
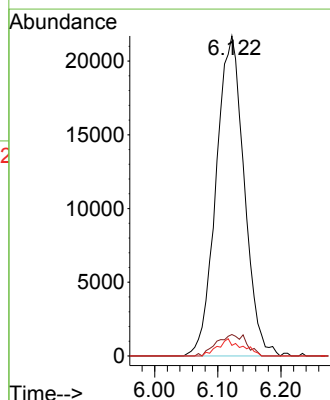
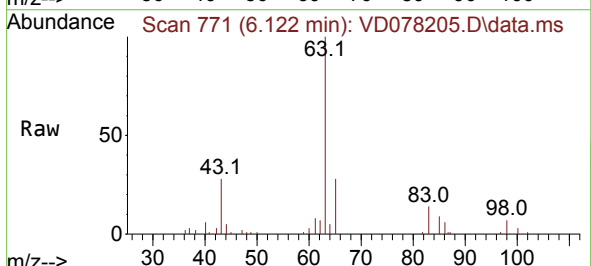
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0123SBSD01

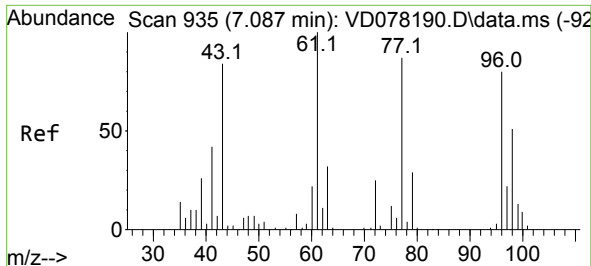
Tgt Ion: 43 Resp: 237074
 Ion Ratio Lower Upper
 43 100
 86 11.2 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 19.510 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: VD078205.D
 Acq: 23 Jan 2024 12:40

Tgt Ion: 63 Resp: 66995
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.5 13.7
 100 3.3 2.5 7.5

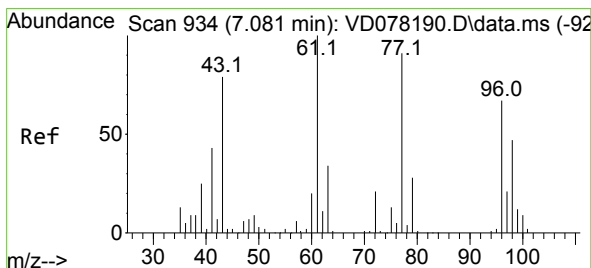
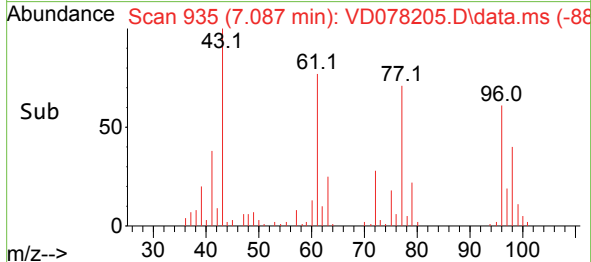
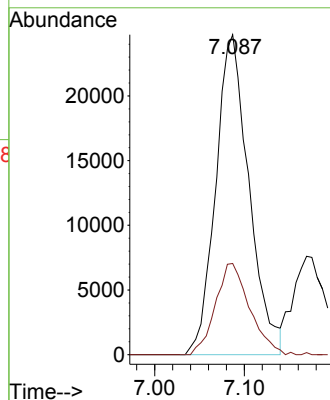
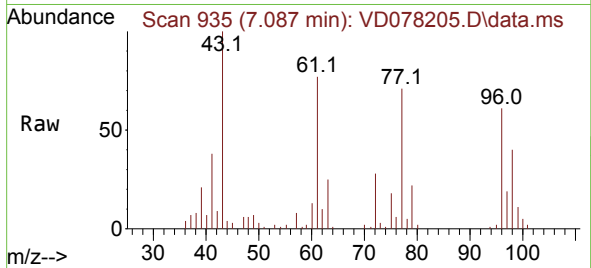




#25
2-Butanone
Concen: 117.487 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

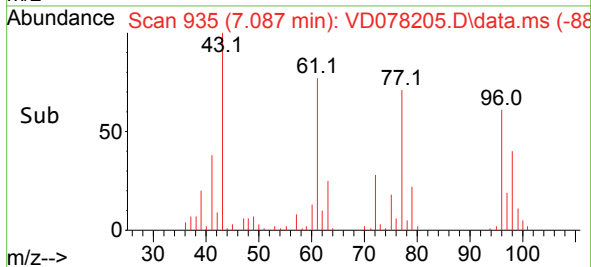
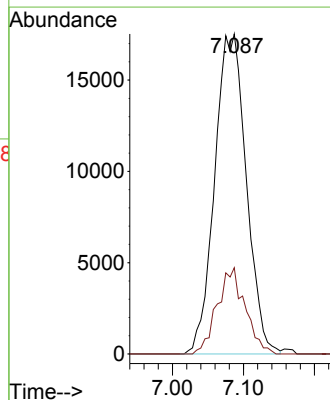
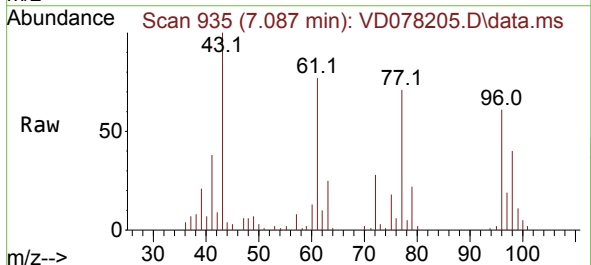
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

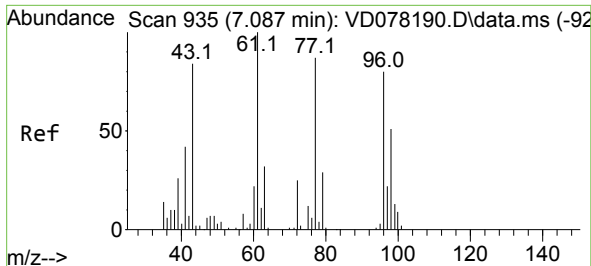
Tgt Ion: 43 Resp: 63620
Ion Ratio Lower Upper
43 100
72 28.5 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 18.842 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 77 Resp: 54201
Ion Ratio Lower Upper
77 100
97 23.8 13.2 39.6

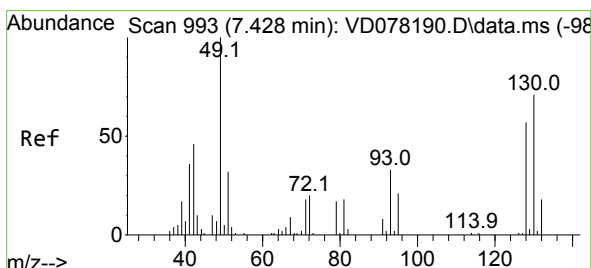
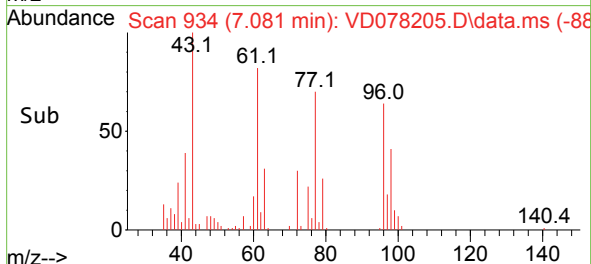
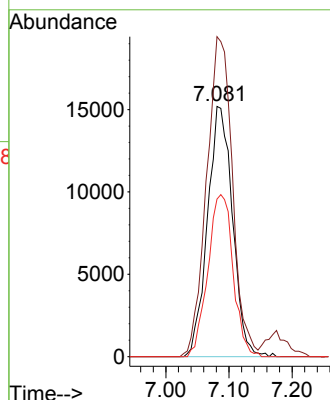
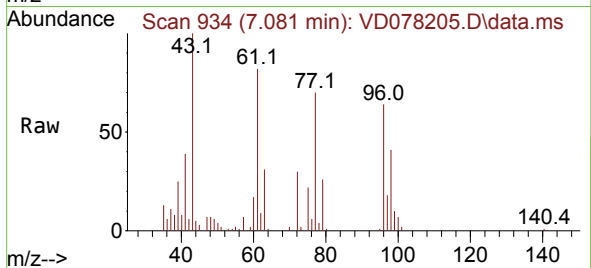




#27
cis-1,2-Dichloroethene
Concen: 18.901 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

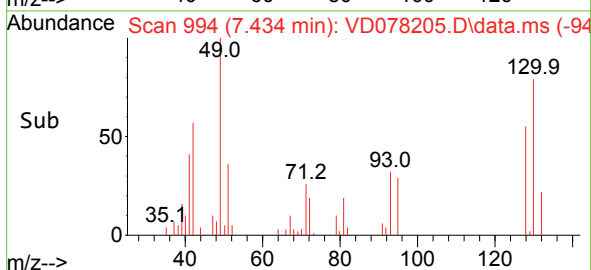
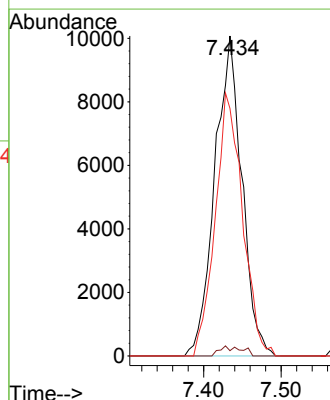
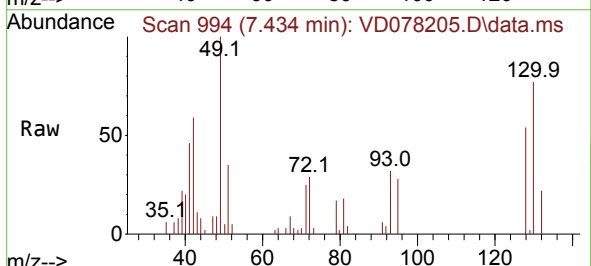
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

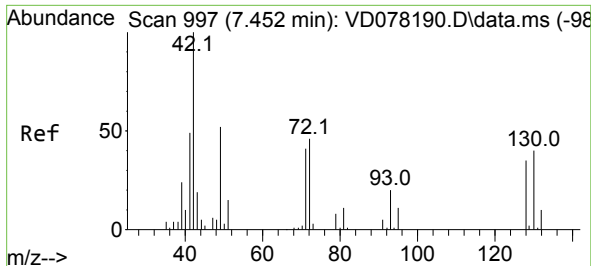
Tgt Ion: 96 Resp: 41771
Ion Ratio Lower Upper
96 100
61 132.2 0.0 239.2
98 65.2 0.0 128.6



#28
Bromochloromethane
Concen: 18.314 ug/l
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 49 Resp: 24528
Ion Ratio Lower Upper
49 100
129 2.5 0.0 6.0
130 82.7 83.2 124.8#

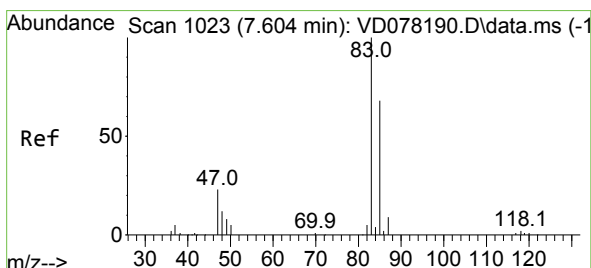
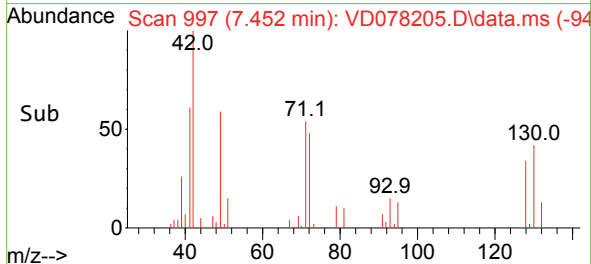
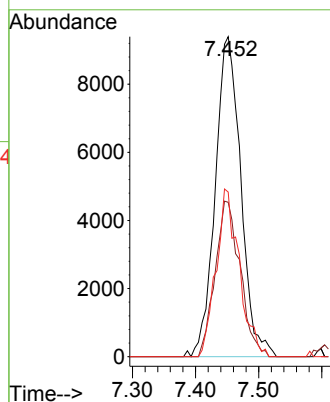
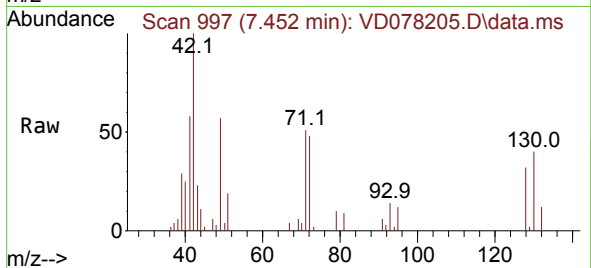




#29
Tetrahydrofuran
Concen: 97.557 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

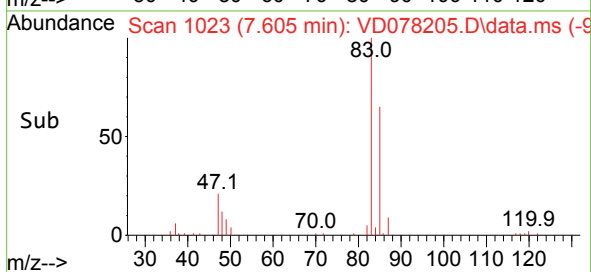
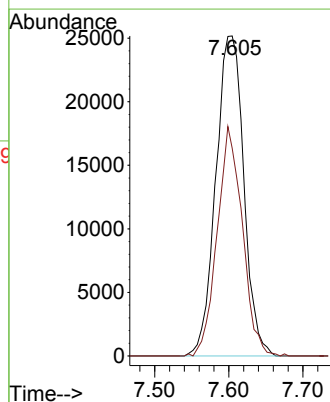
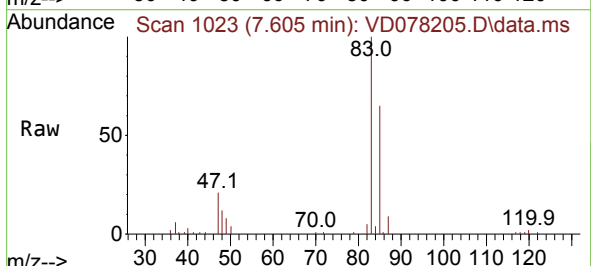
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

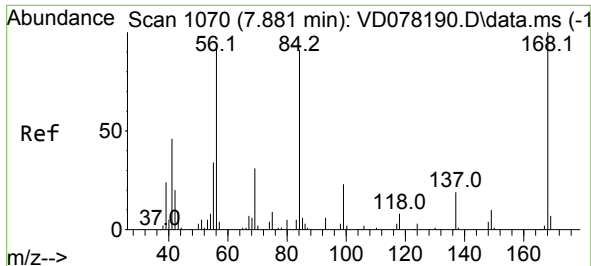
Tgt Ion: 42 Resp: 26434
Ion Ratio Lower Upper
42 100
72 47.5 46.5 69.7
71 47.3 44.5 66.7



#30
Chloroform
Concen: 18.900 ug/l
RT: 7.605 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 83 Resp: 66001
Ion Ratio Lower Upper
83 100
85 64.9 53.4 80.2

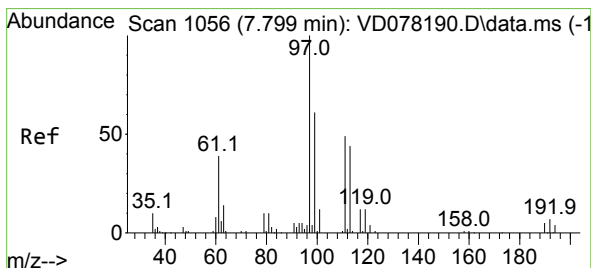
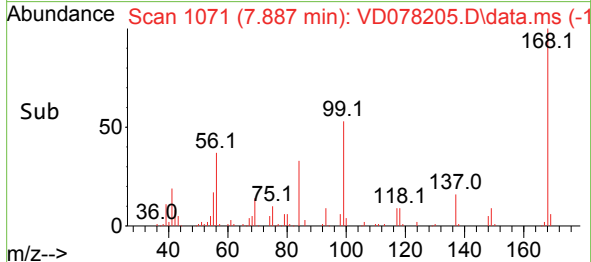
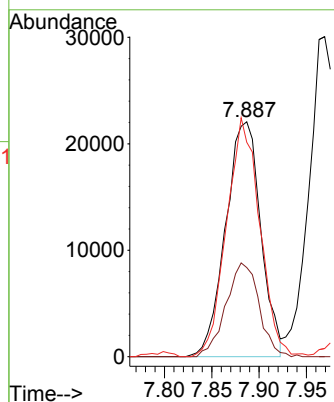
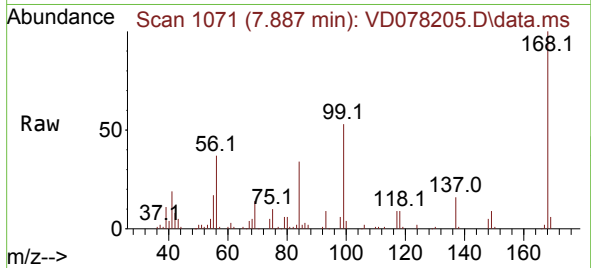




#31
Cyclohexane
Concen: 18.752 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

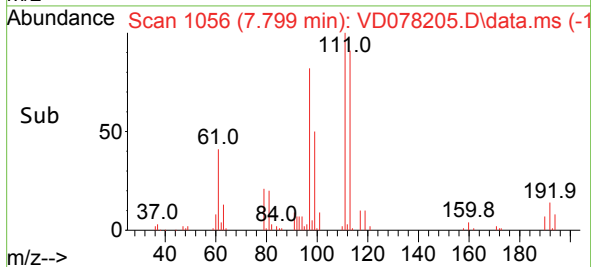
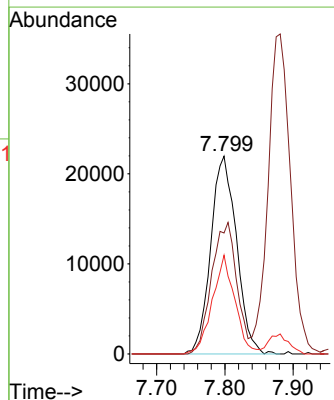
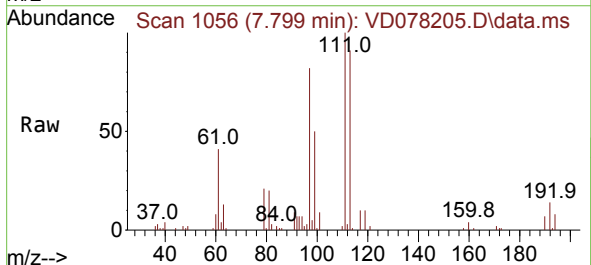
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

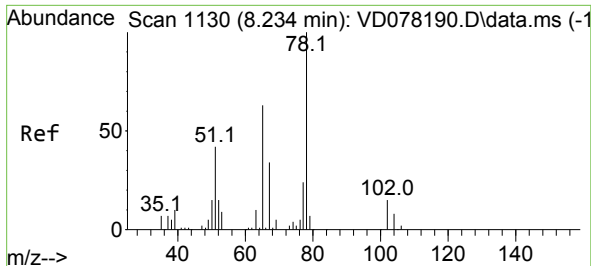
Tgt Ion: 56 Resp: 56946
Ion Ratio Lower Upper
56 100
69 38.0 28.6 43.0
84 91.3 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 19.160 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 97 Resp: 57799
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 43.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.598 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

Instrument :

MSVOA_D

ClientSampleId :

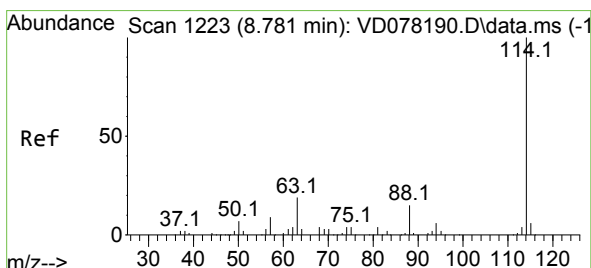
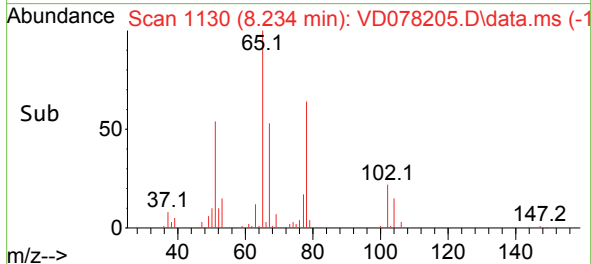
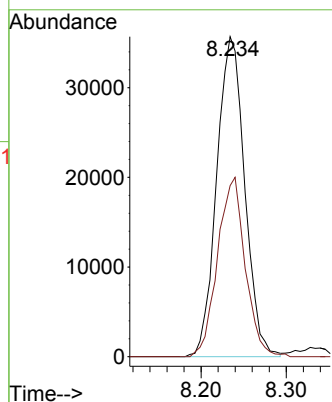
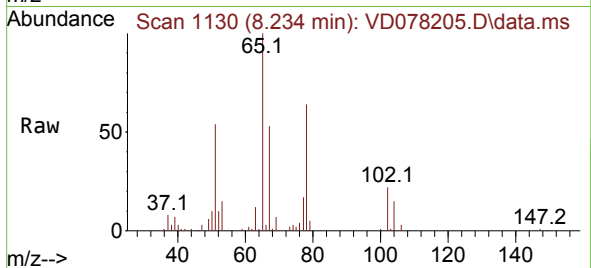
VD0123SBS01

Tgt Ion: 65 Resp: 81461

Ion Ratio Lower Upper

65 100

67 55.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

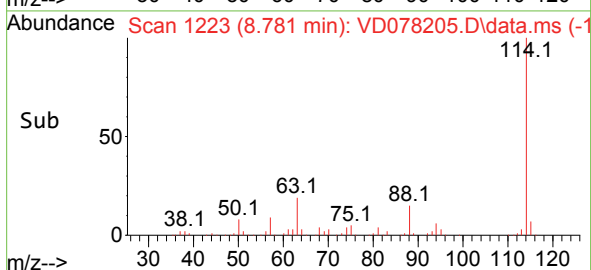
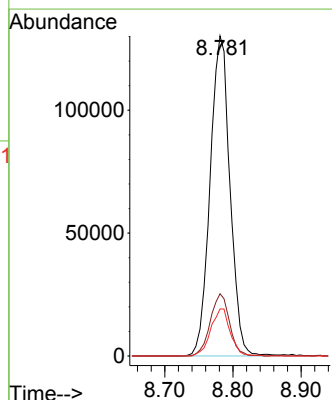
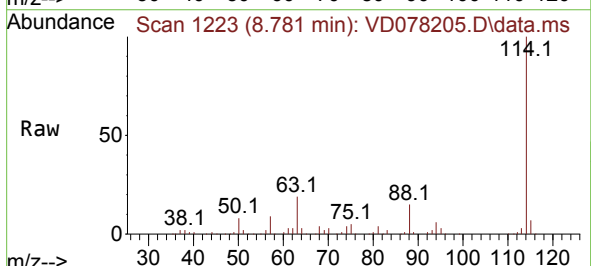
Tgt Ion: 114 Resp: 264520

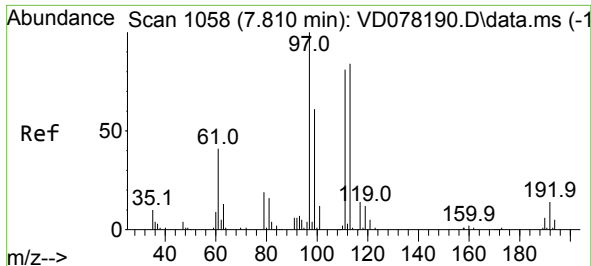
Ion Ratio Lower Upper

114 100

63 19.5 0.0 33.4

88 14.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.265 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

Instrument :

MSVOA_D

ClientSampleId :

VD0123SBSD01

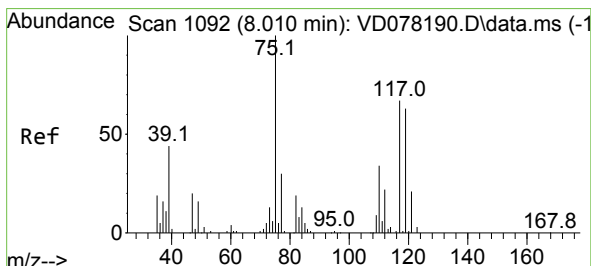
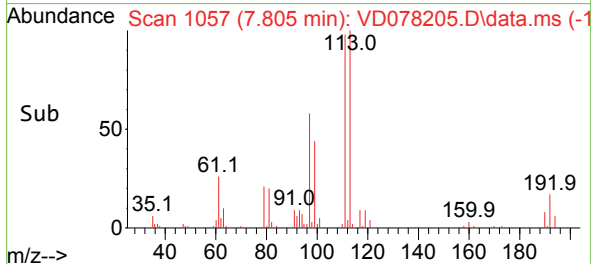
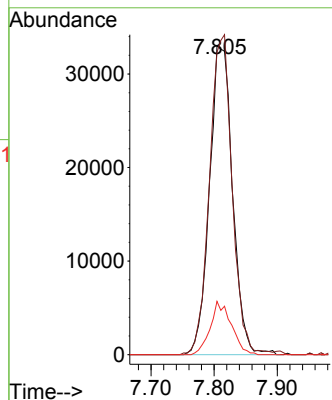
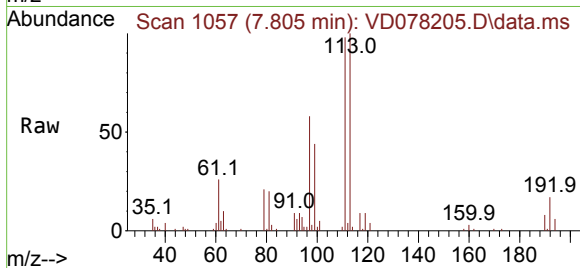
Tgt Ion:113 Resp: 84024

Ion Ratio Lower Upper

113 100

111 101.5 84.7 127.1

192 15.8 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 18.123 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

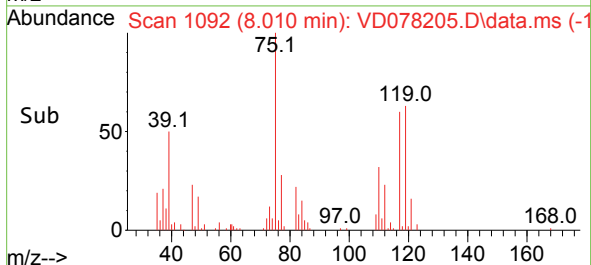
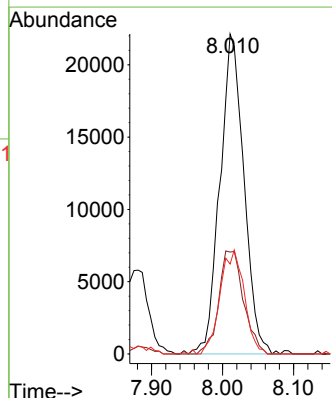
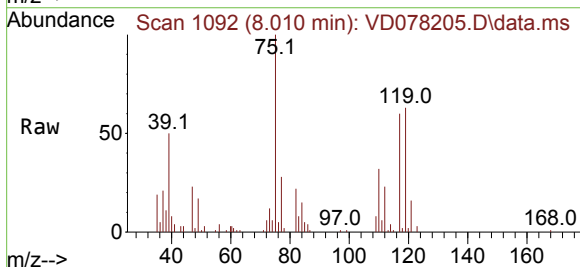
Tgt Ion: 75 Resp: 51882

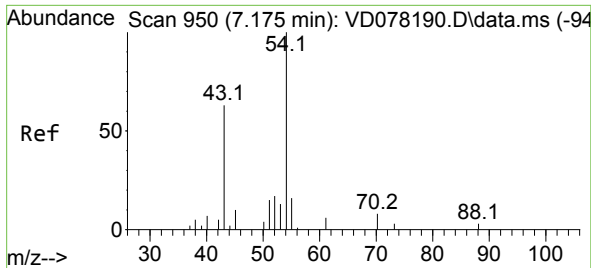
Ion Ratio Lower Upper

75 100

110 33.4 19.9 59.6

77 32.7 24.7 37.1

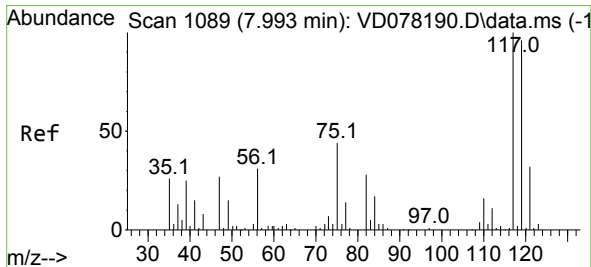
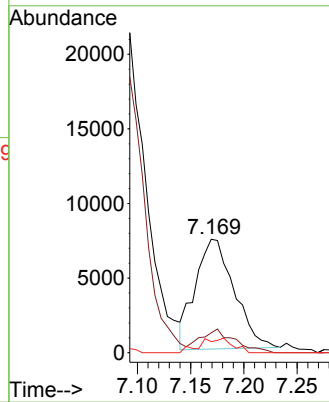
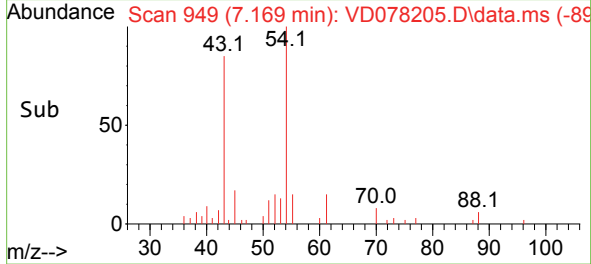
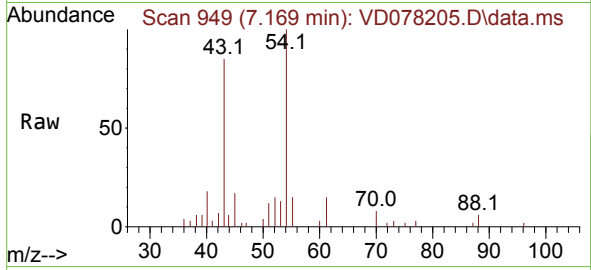




#37
Ethyl Acetate
Concen: 17.529 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

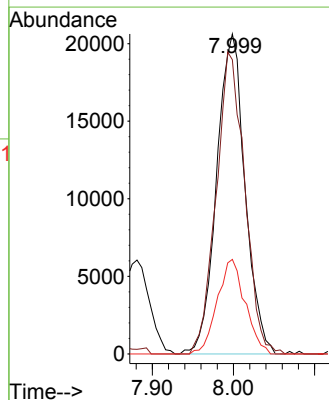
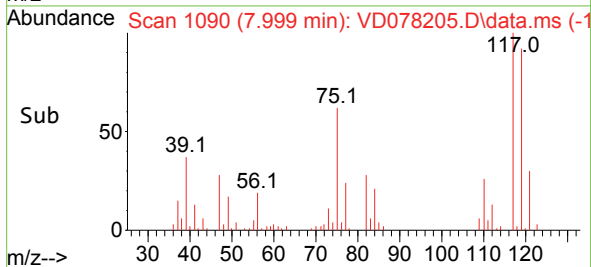
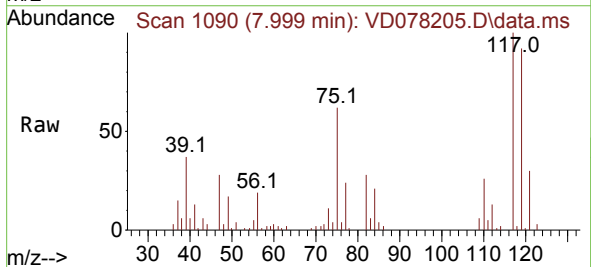
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

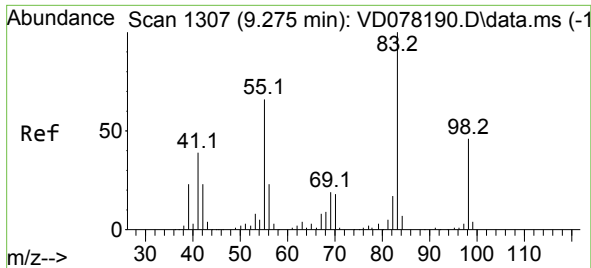
Tgt Ion: 43	Resp:	18682
Ion Ratio	Lower	Upper
43	100	
61	19.1	14.9 22.3
70	10.9	10.0 15.0



#38
Carbon Tetrachloride
Concen: 17.703 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 117	Resp:	50054
Ion Ratio	Lower	Upper
117	100	
119	92.0	78.0 117.0
121	29.5	24.2 36.2

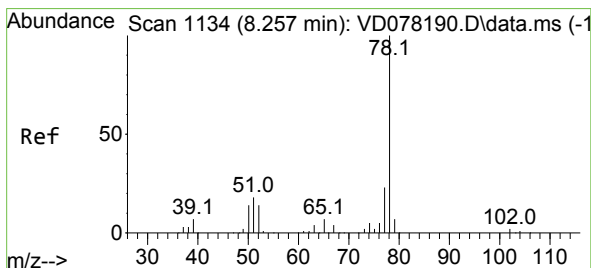
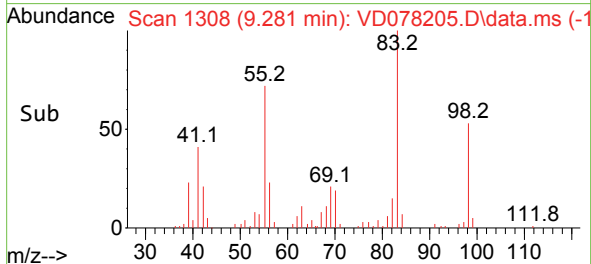
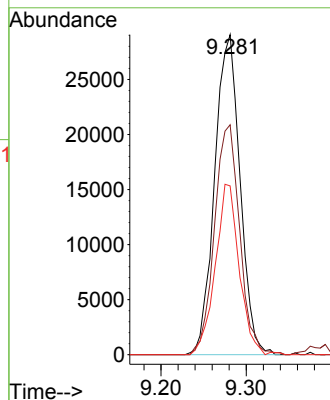
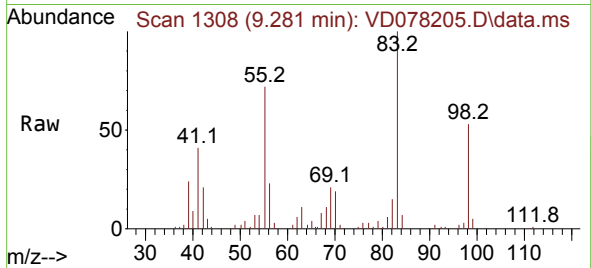




#39
Methylcyclohexane
Concen: 17.758 ug/l
RT: 9.281 min Scan# 1138
Delta R.T. 0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

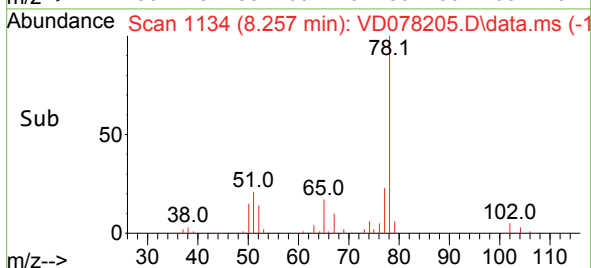
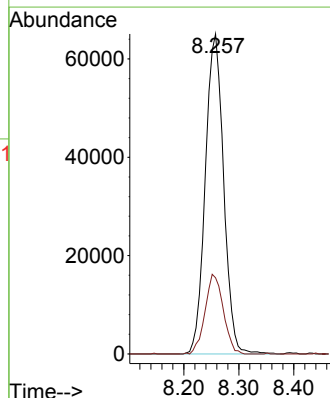
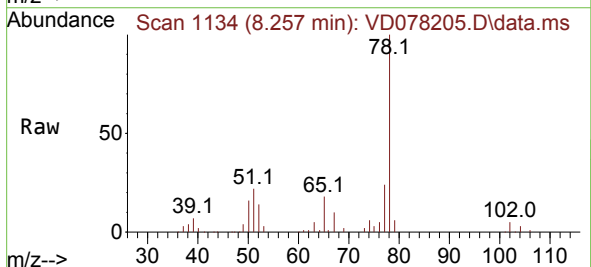
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

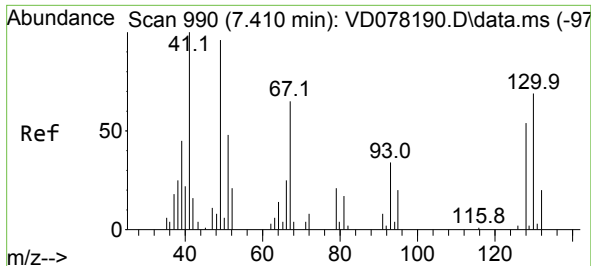
Tgt Ion: 83 Resp: 60121
Ion Ratio Lower Upper
83 100
55 71.8 49.4 74.0
98 52.8 38.4 57.6



#40
Benzene
Concen: 18.548 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 78 Resp: 150688
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

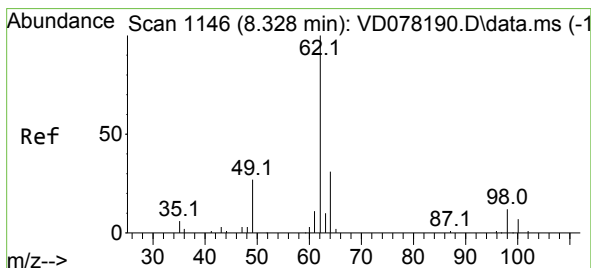
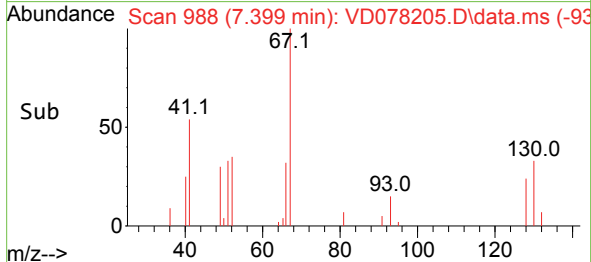
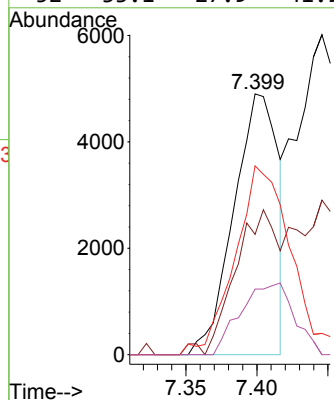
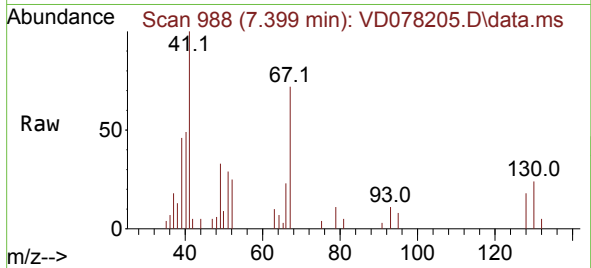




#41
Methacrylonitrile
Concen: 18.110 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

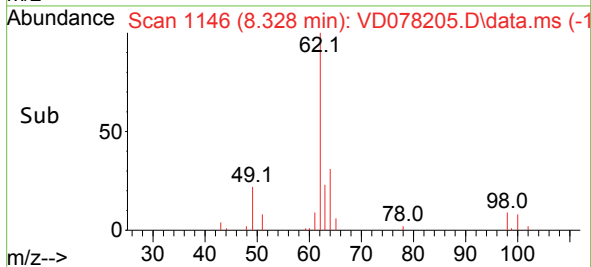
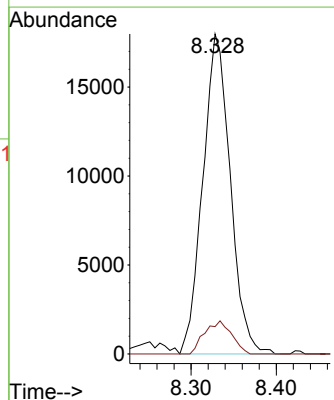
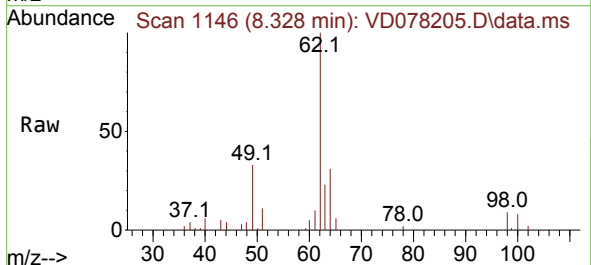
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

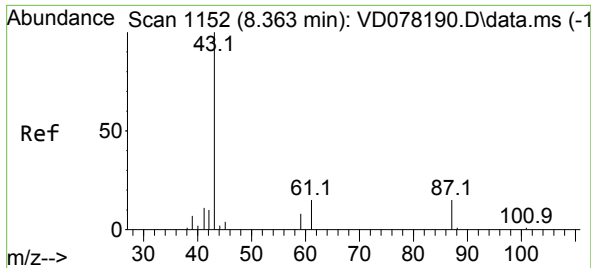
Tgt Ion: 41 Resp: 10598
Ion Ratio Lower Upper
41 100
39 54.6 34.0 51.0#
67 92.0 77.0 115.4
52 33.1 27.9 41.9



#42
1,2-Dichloroethane
Concen: 19.060 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 62 Resp: 40289
Ion Ratio Lower Upper
62 100
98 10.2 0.0 25.4

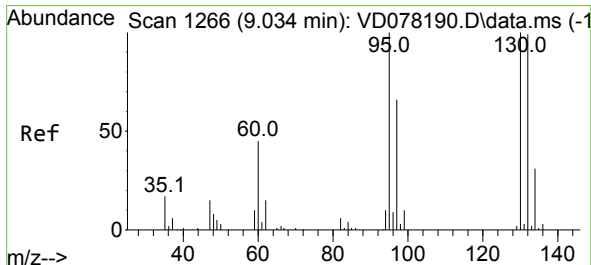
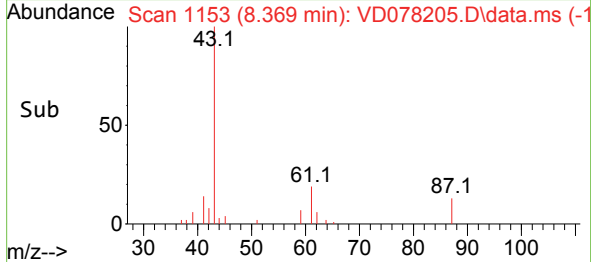
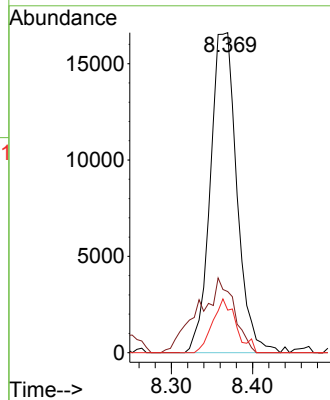
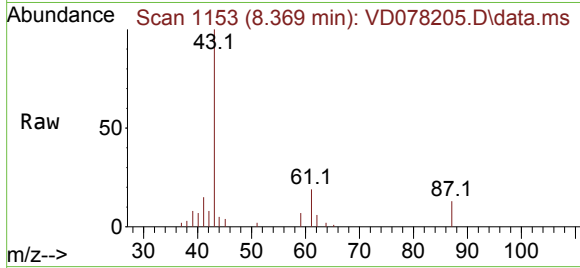




#43
Isopropyl Acetate
Concen: 19.339 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

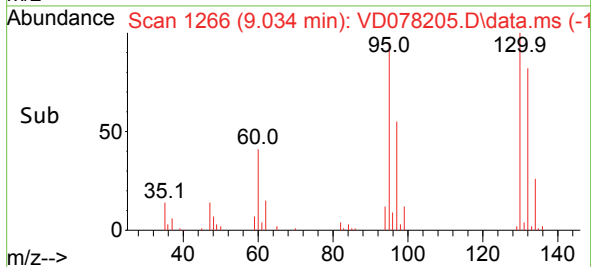
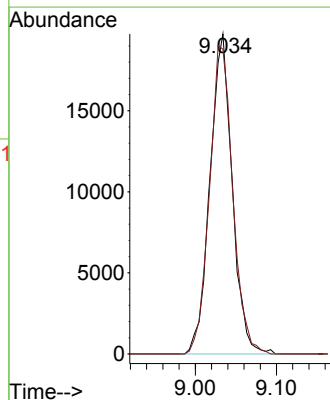
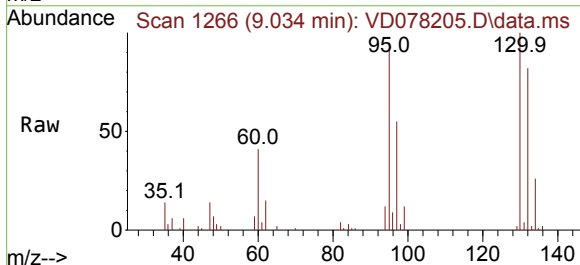
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

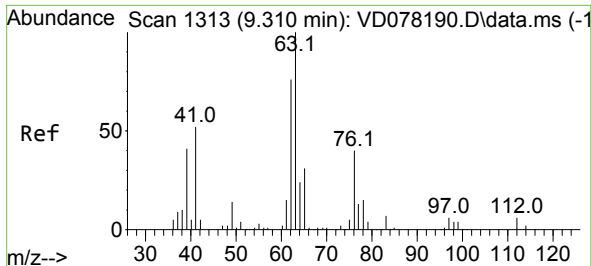
Tgt Ion: 43 Resp: 37760
Ion Ratio Lower Upper
43 100
61 31.6 31.4 47.0
87 14.9 14.9 22.3#



#44
Trichloroethene
Concen: 18.056 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion:130 Resp: 37528
Ion Ratio Lower Upper
130 100
95 95.3 0.0 179.2

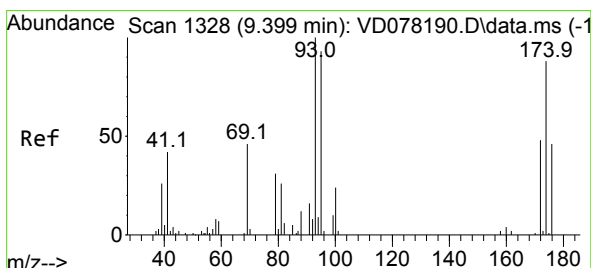
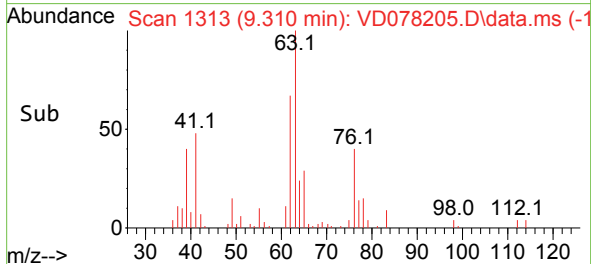
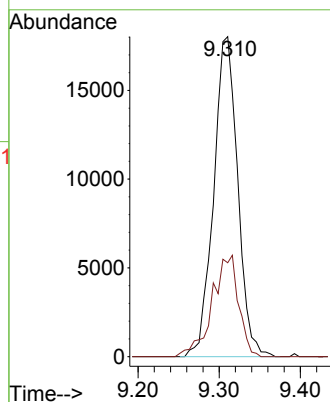
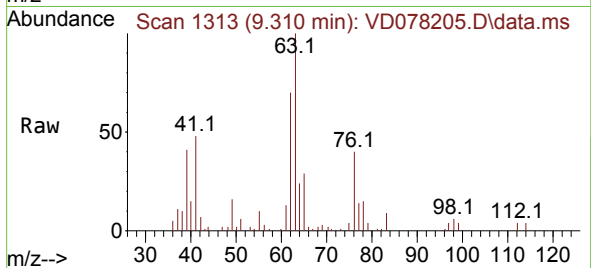




#45
1,2-Dichloropropane
Concen: 18.425 ug/l
RT: 9.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

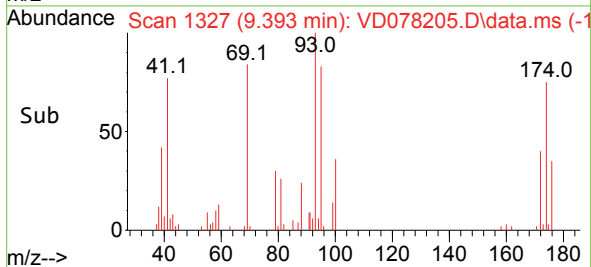
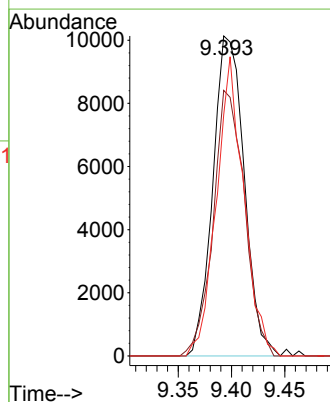
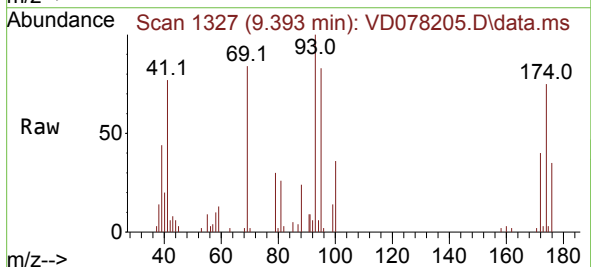
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

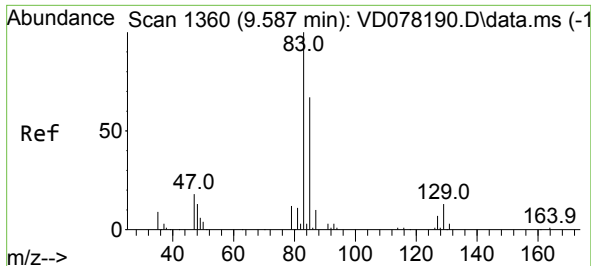
Tgt Ion: 63 Resp: 37143
Ion Ratio Lower Upper
63 100
65 29.4 24.5 36.7



#46
Dibromomethane
Concen: 18.710 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 93 Resp: 20714
Ion Ratio Lower Upper
93 100
95 82.9 67.7 101.5
174 81.9 85.4 128.2#

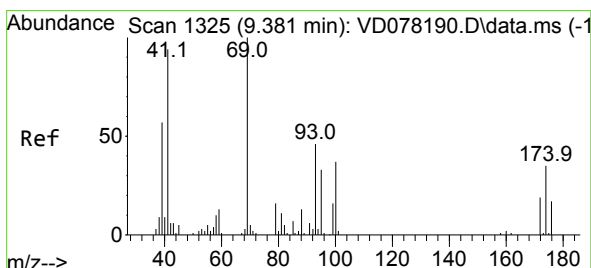
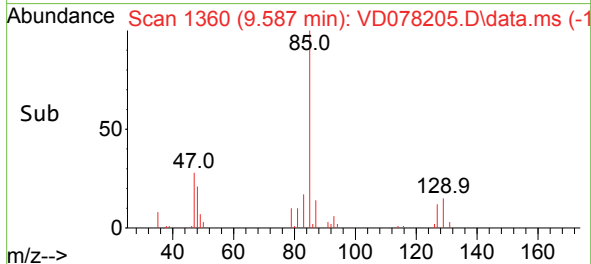
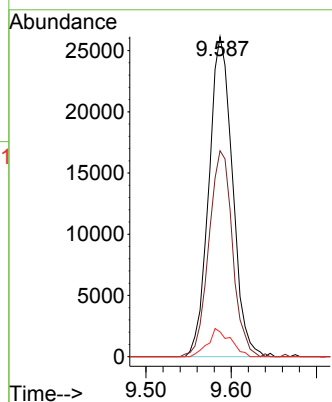
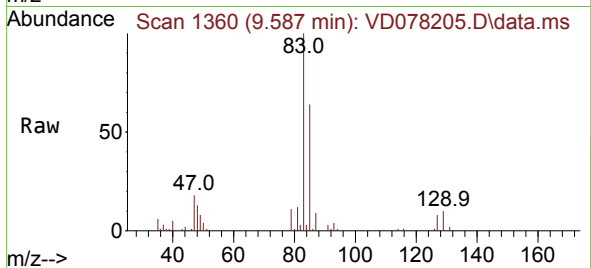




#47
Bromodichloromethane
Concen: 18.113 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

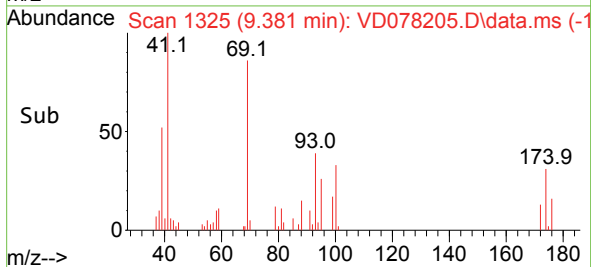
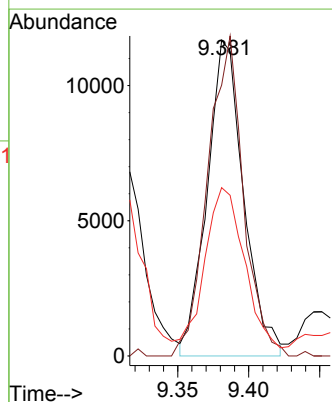
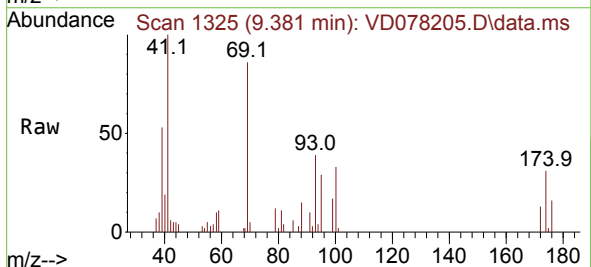
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

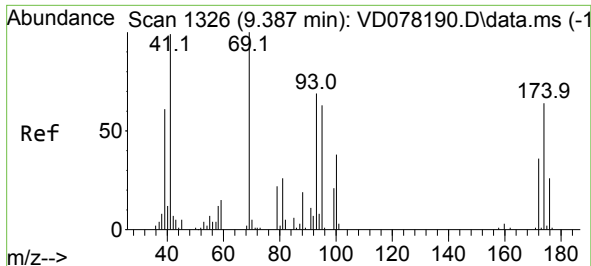
Tgt Ion: 83 Resp: 50372
Ion Ratio Lower Upper
83 100
85 64.4 50.2 75.4
127 7.8 6.3 9.5



#48
Methyl methacrylate
Concen: 18.434 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 41 Resp: 20838
Ion Ratio Lower Upper
41 100
69 98.8 102.2 153.2#
39 60.5 41.4 62.2





#49

1,4-Dioxane

Concen: 398.794 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

Instrument :

MSVOA_D

ClientSampleId :

VD0123SBS01

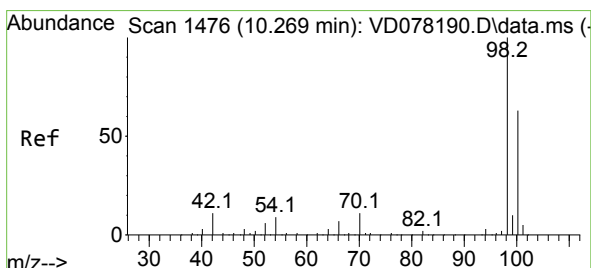
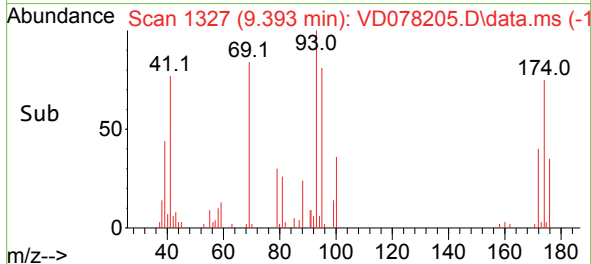
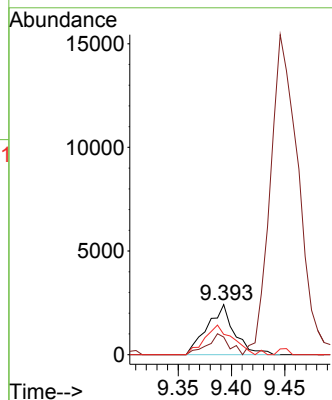
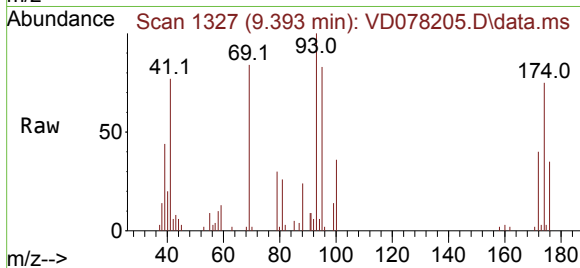
Tgt Ion: 88 Resp: 4272

Ion Ratio Lower Upper

88 100

43 33.0 19.0 28.6#

58 61.9 43.5 65.3



#50

Toluene-d8

Concen: 47.839 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD078205.D

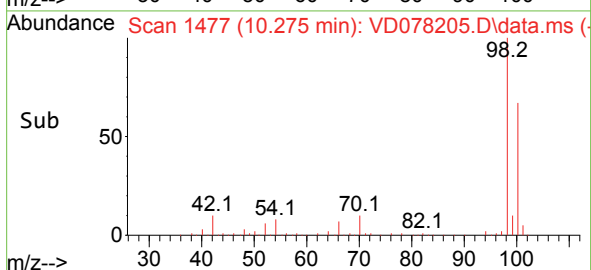
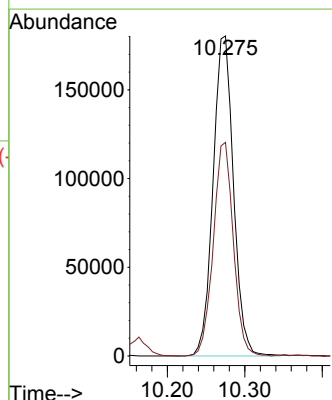
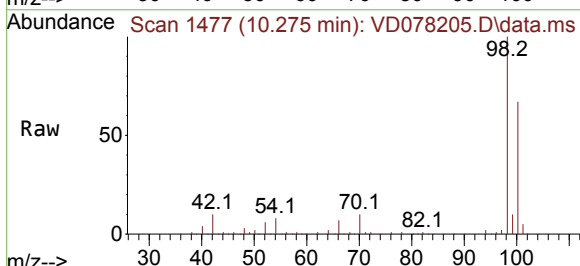
Acq: 23 Jan 2024 12:40

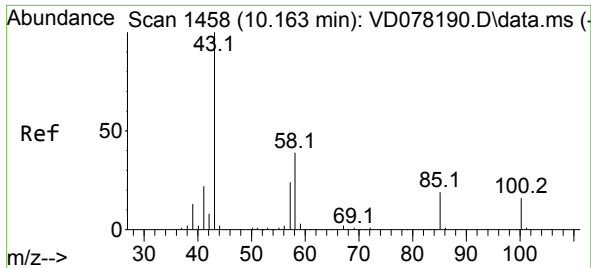
Tgt Ion: 98 Resp: 329768

Ion Ratio Lower Upper

98 100

100 65.5 50.3 75.5

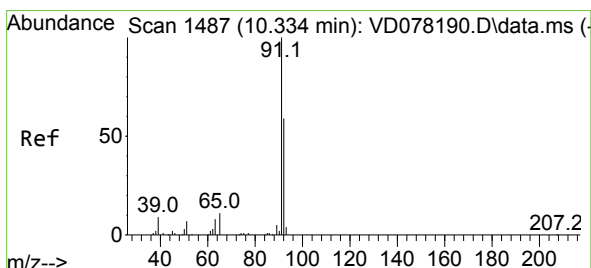
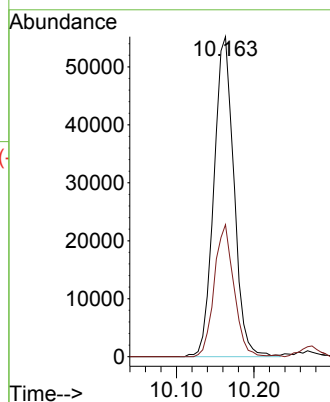
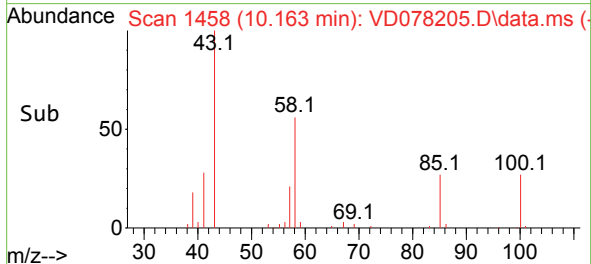
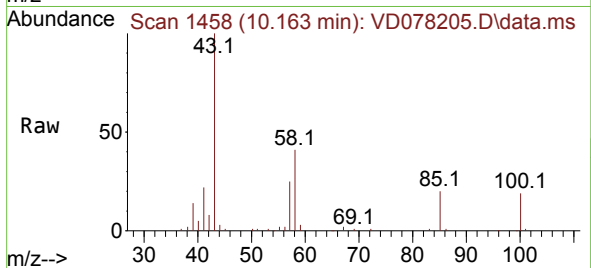




#51
4-Methyl-2-Pentanone
Concen: 96.879 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

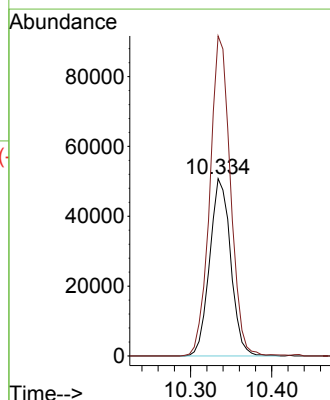
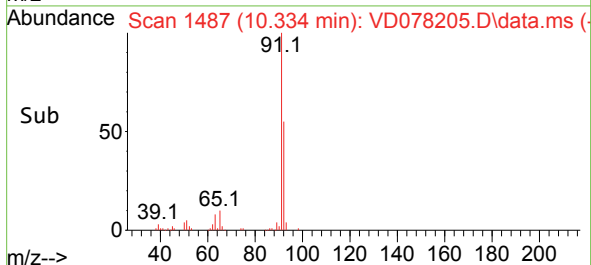
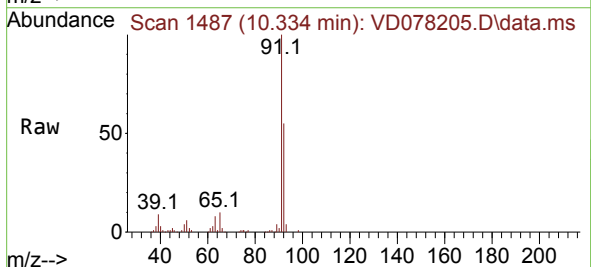
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

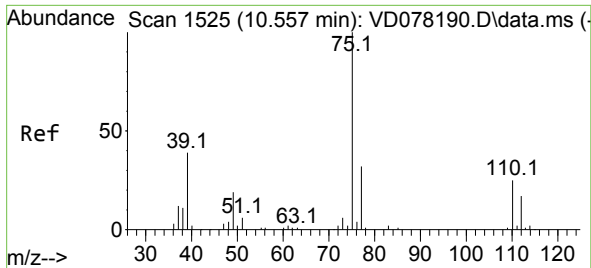
Tgt Ion: 43 Resp: 99401
Ion Ratio Lower Upper
43 100
58 40.5 38.9 58.3



#52
Toluene
Concen: 17.723 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 92 Resp: 91266
Ion Ratio Lower Upper
92 100
91 177.5 143.0 214.4

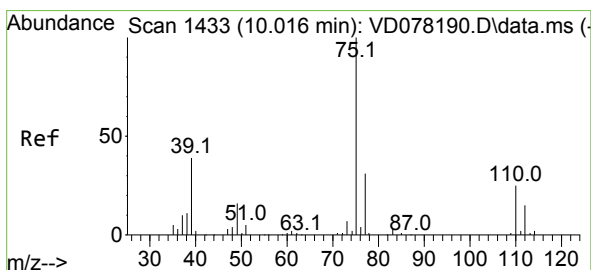
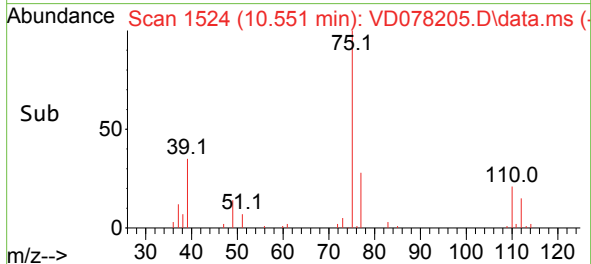
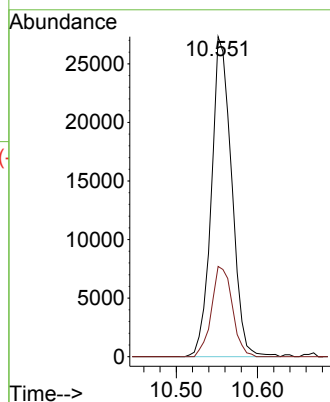
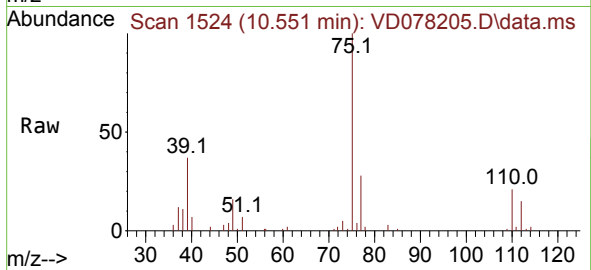




#53
 t-1,3-Dichloropropene
 Concen: 18.438 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. -0.006 min
 Lab File: VD078205.D
 Acq: 23 Jan 2024 12:40

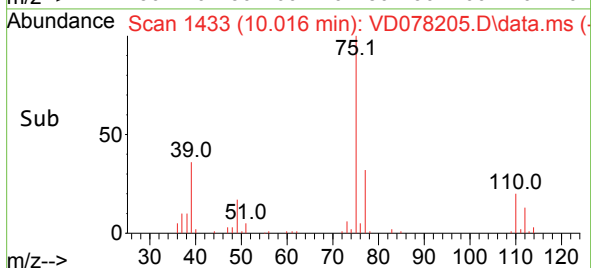
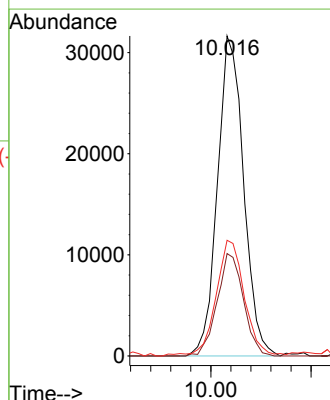
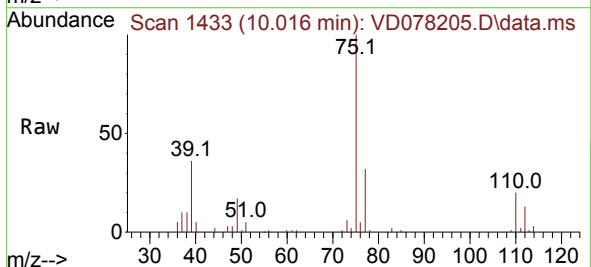
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0123SBS01

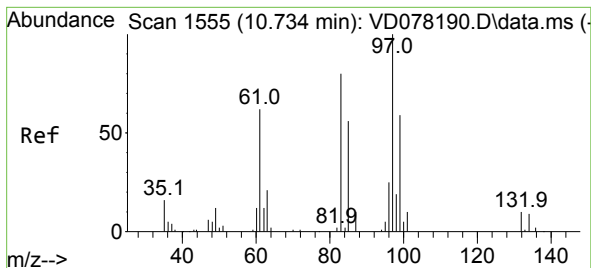
Tgt Ion: 75 Resp: 47306
 Ion Ratio Lower Upper
 75 100
 77 28.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 18.612 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078205.D
 Acq: 23 Jan 2024 12:40

Tgt Ion: 75 Resp: 57244
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.5 38.3
 39 35.4 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 18.562 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

Instrument :

MSVOA_D

ClientSampleId :

VD0123SBSD01

Tgt Ion: 97 Resp: 27498

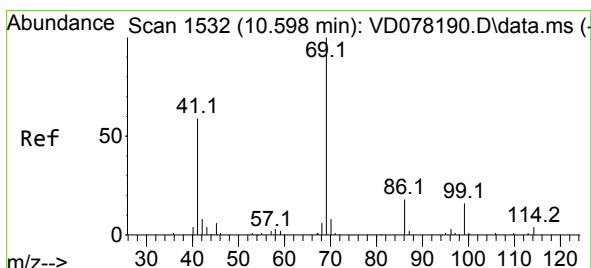
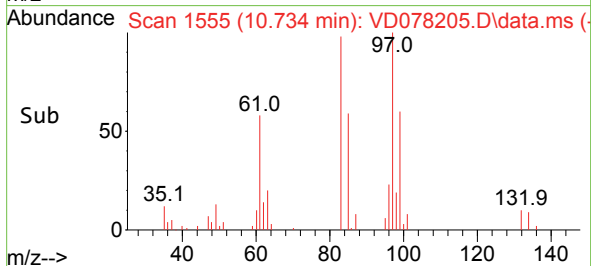
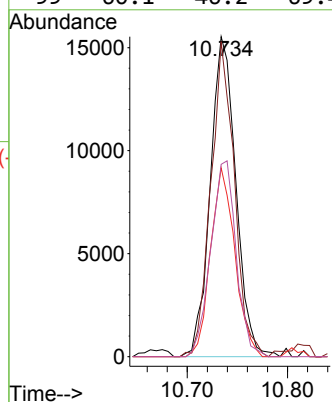
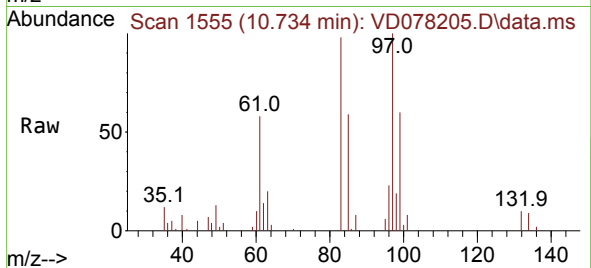
Ion Ratio Lower Upper

97 100

83 98.5 65.8 98.6

85 59.0 45.7 68.5

99 60.1 46.2 69.4



#56

Ethyl methacrylate

Concen: 19.046 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

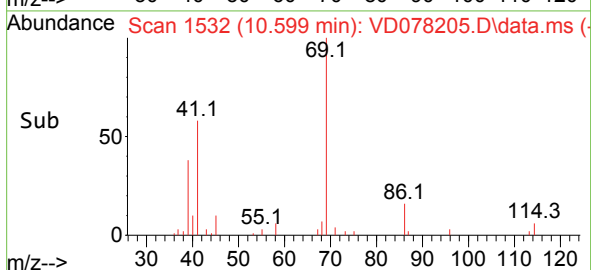
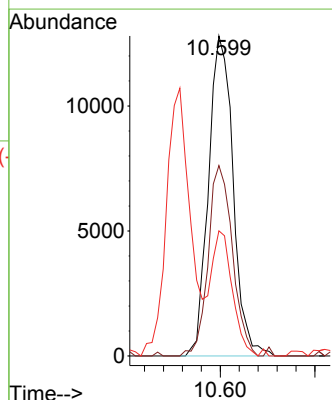
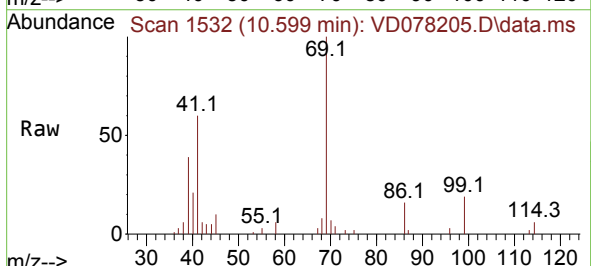
Tgt Ion: 69 Resp: 23096

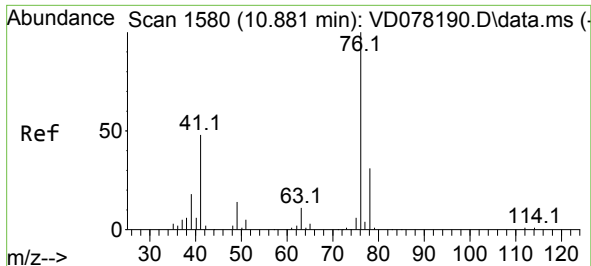
Ion Ratio Lower Upper

69 100

41 58.7 39.1 58.7#

39 34.6 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 18.305 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

Instrument :

MSVOA_D

ClientSampleId :

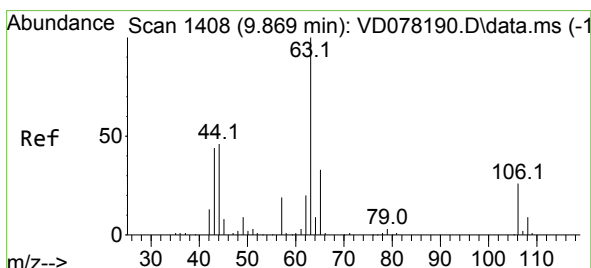
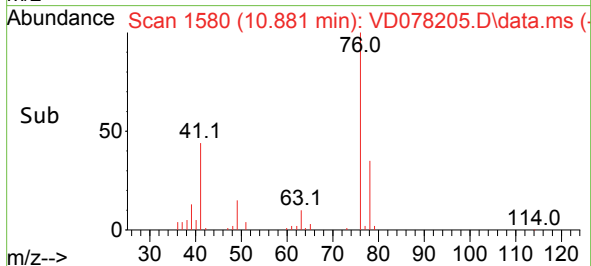
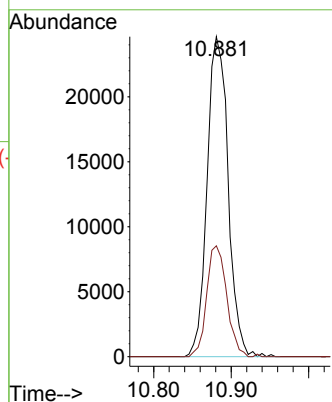
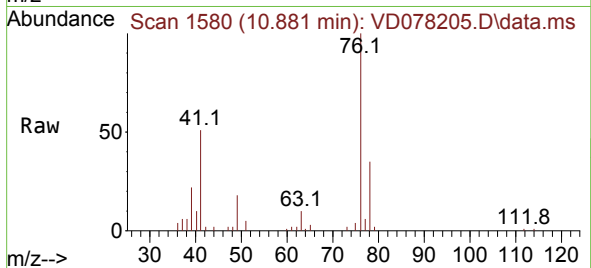
VD0123SBSD01

Tgt Ion: 76 Resp: 46374

Ion Ratio Lower Upper

76 100

78 33.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 94.729 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078205.D

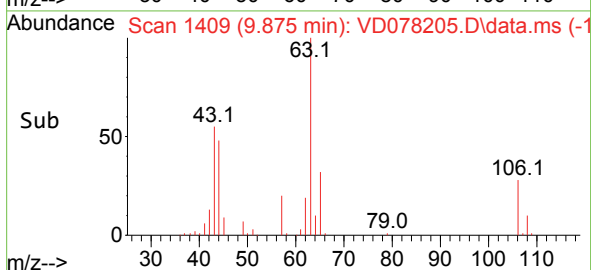
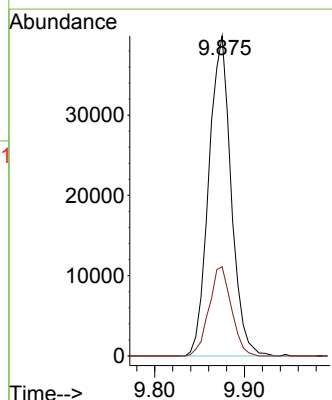
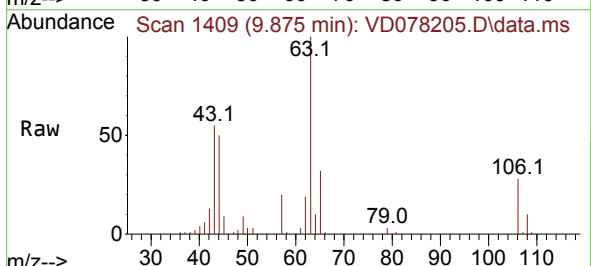
Acq: 23 Jan 2024 12:40

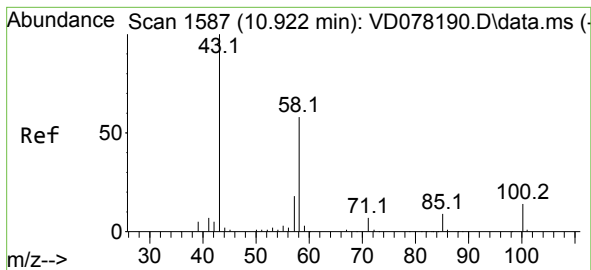
Tgt Ion: 63 Resp: 68841

Ion Ratio Lower Upper

63 100

106 28.0 25.3 37.9

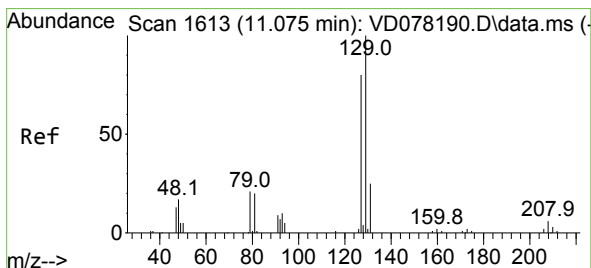
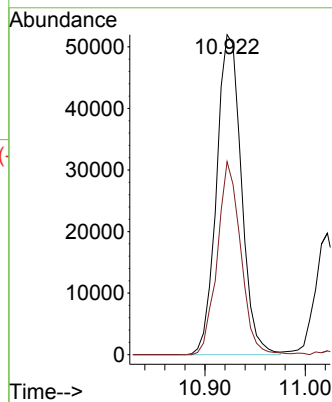
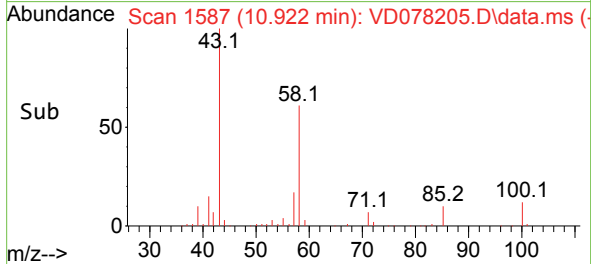
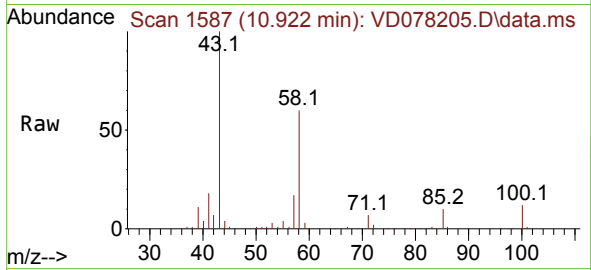




#59
2-Hexanone
Concen: 107.192 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

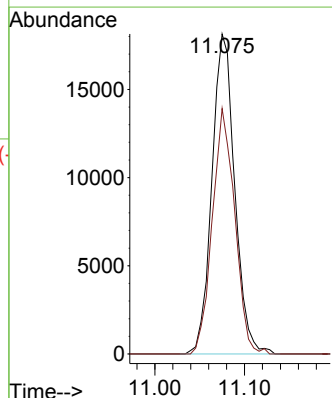
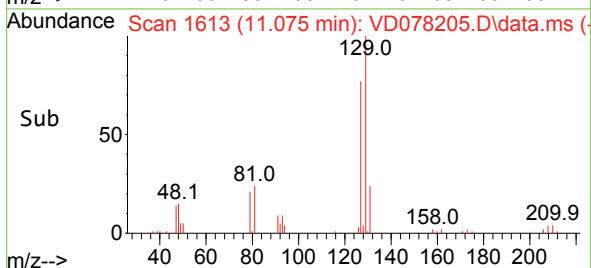
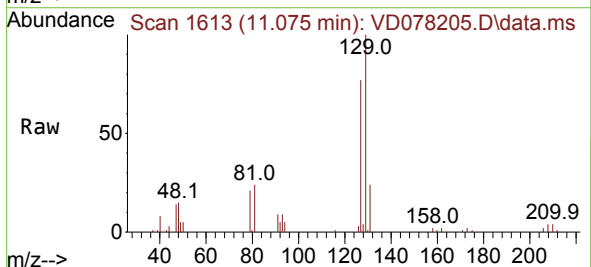
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

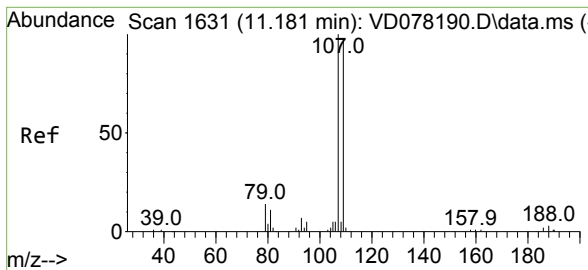
Tgt Ion: 43 Resp: 89374
Ion Ratio Lower Upper
43 100
58 56.7 34.1 102.2



#60
Dibromochloromethane
Concen: 18.318 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion:129 Resp: 31993
Ion Ratio Lower Upper
129 100
127 75.6 37.1 111.5

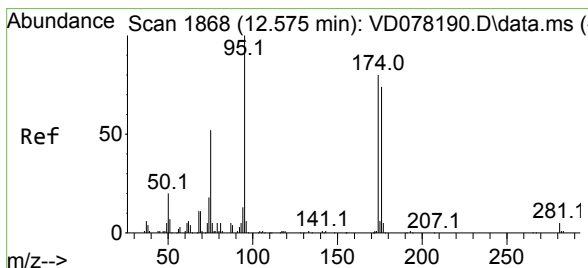
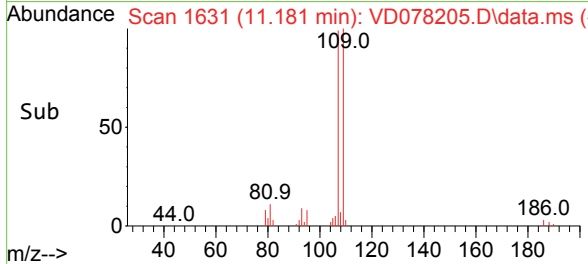
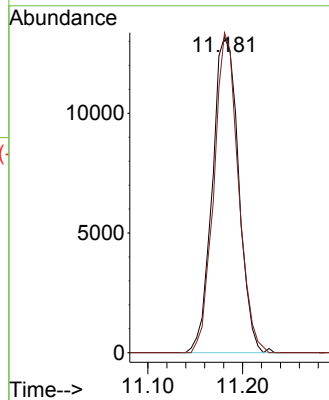
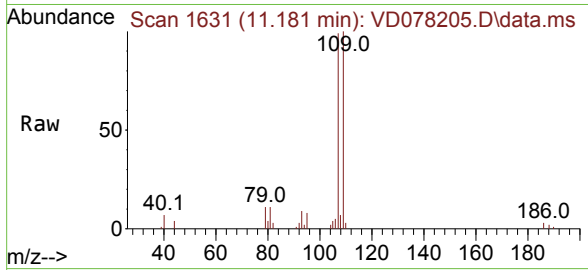




#61
 1,2-Dibromoethane
 Concen: 18.524 ug/l
 RT: 11.181 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VD078205.D
 Acq: 23 Jan 2024 12:40

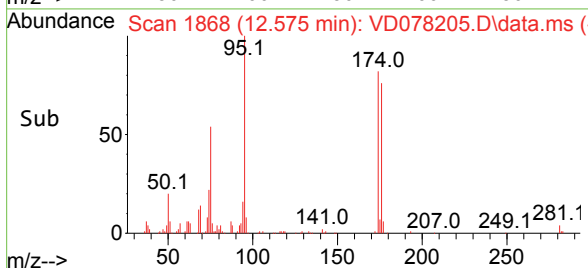
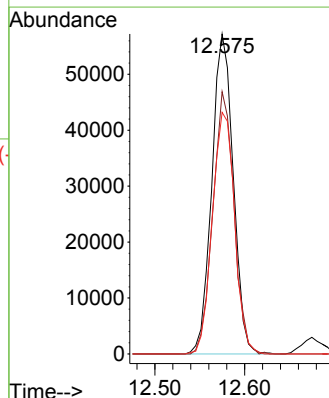
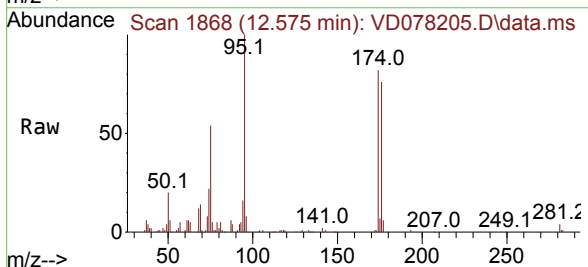
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0123SBSD01

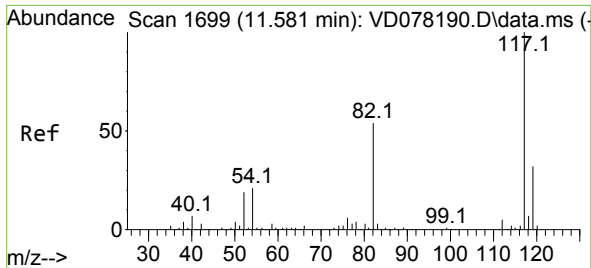
Tgt Ion:107 Resp: 25295
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 47.410 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VD078205.D
 Acq: 23 Jan 2024 12:40

Tgt Ion: 95 Resp: 94776
 Ion Ratio Lower Upper
 95 100
 174 80.8 0.0 201.8
 176 78.6 0.0 191.8

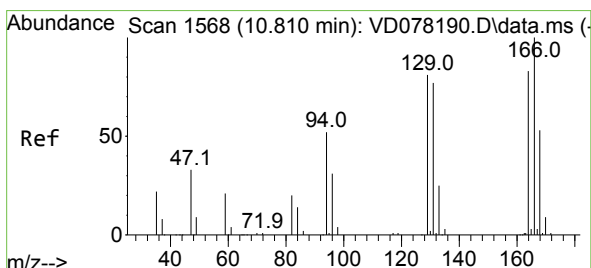
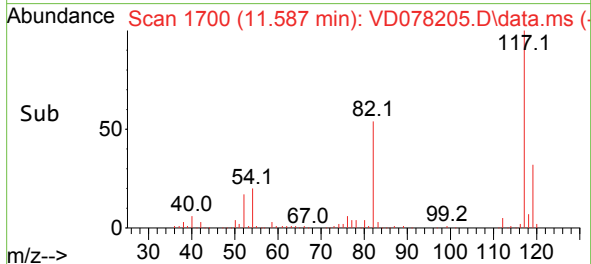
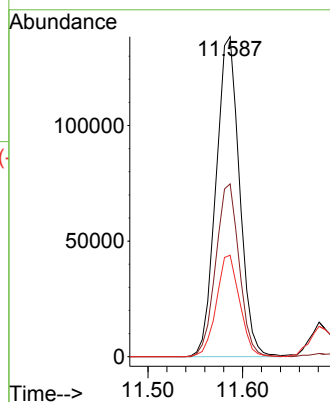
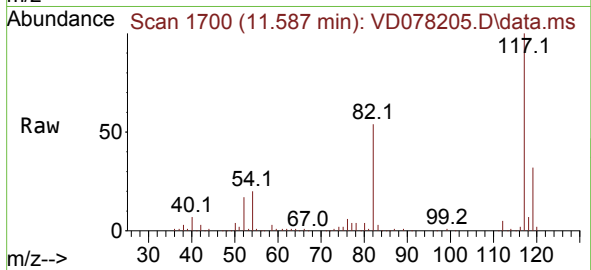




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

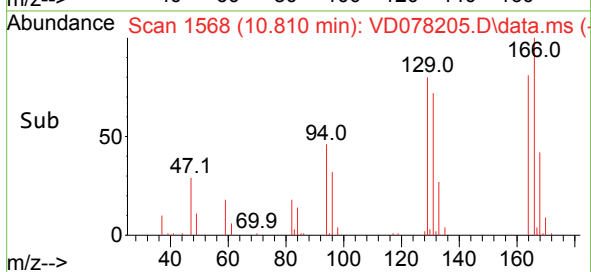
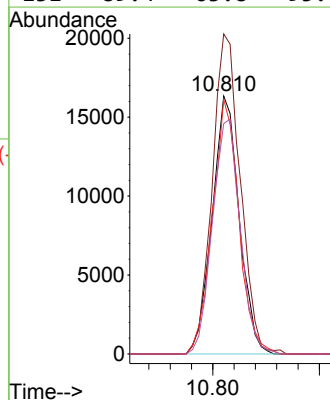
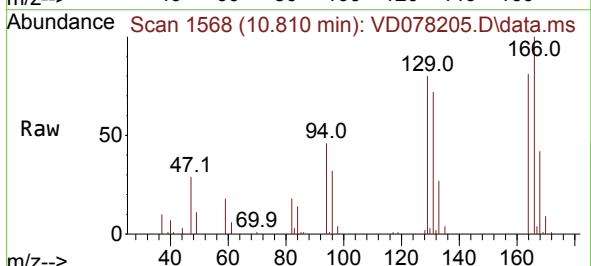
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBS01

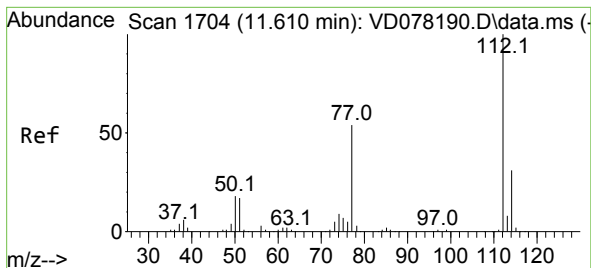
Tgt Ion:117 Resp: 238950
Ion Ratio Lower Upper
117 100
82 54.0 38.3 57.5
119 31.7 25.0 37.4



#64
Tetrachloroethene
Concen: 18.375 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion:164 Resp: 28709
Ion Ratio Lower Upper
164 100
166 124.1 99.2 148.8
129 98.7 68.4 102.6
131 89.4 63.8 95.8

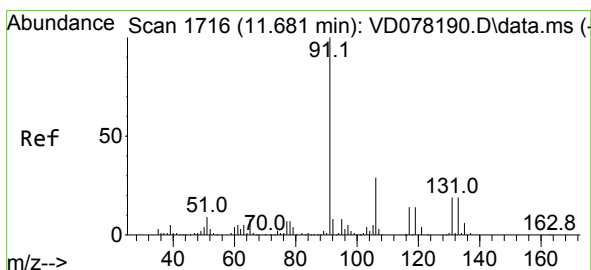
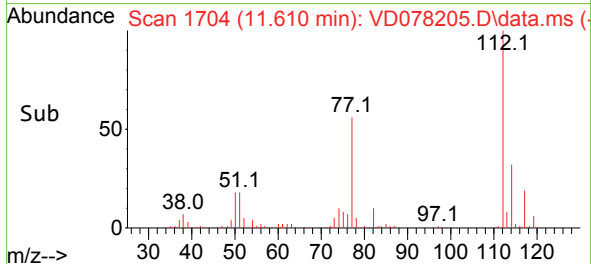
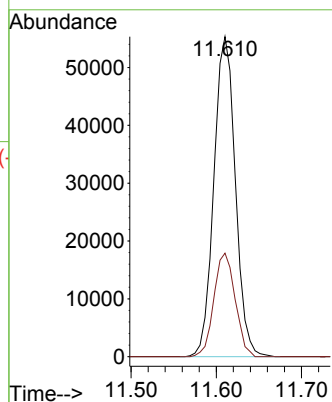
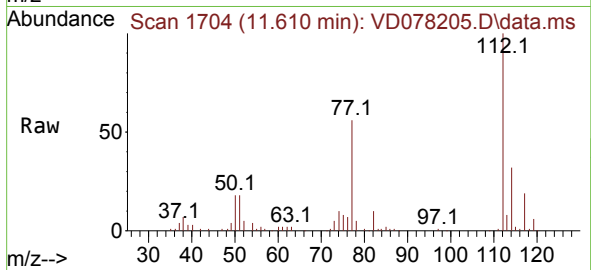




#65
Chlorobenzene
Concen: 18.380 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

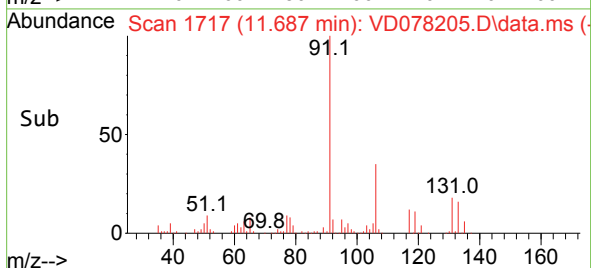
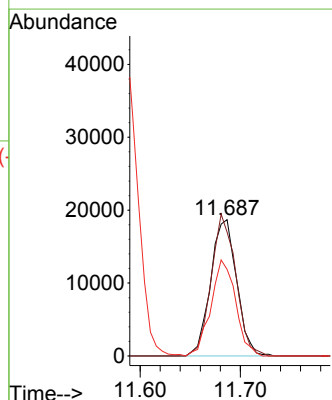
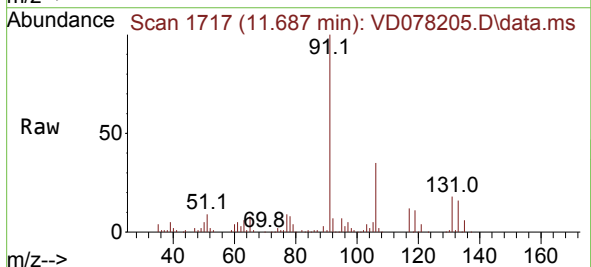
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

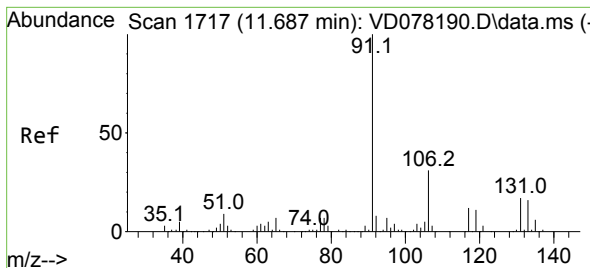
Tgt Ion:112 Resp: 97018
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 17.920 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion:131 Resp: 33804
Ion Ratio Lower Upper
131 100
133 98.4 48.5 145.5
119 66.9 35.6 106.9

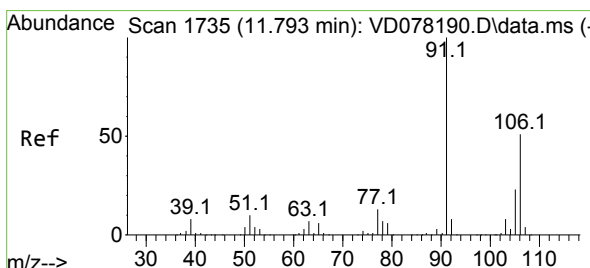
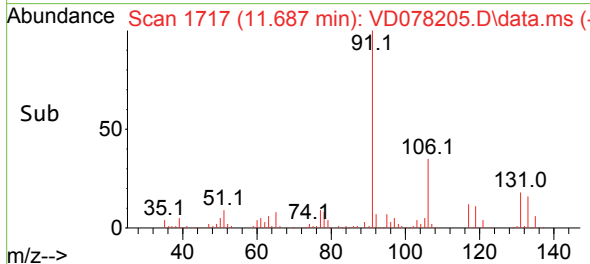
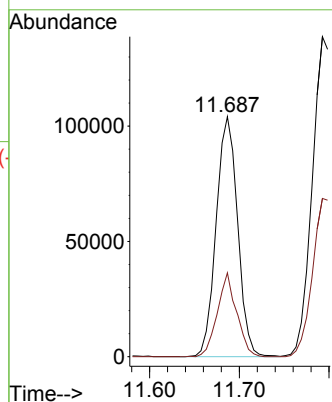
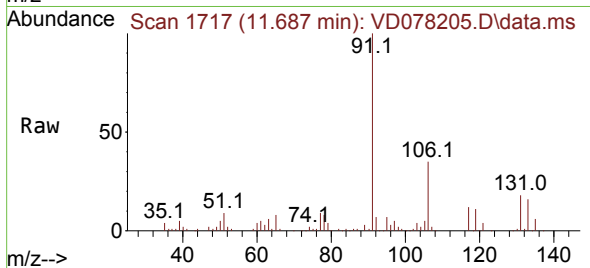




#67
Ethyl Benzene
Concen: 17.965 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

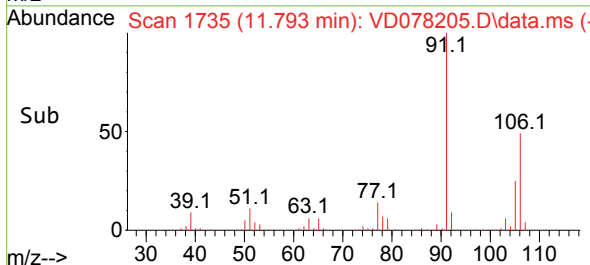
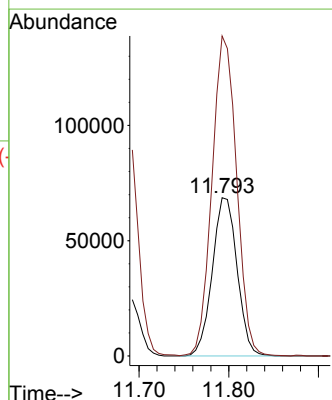
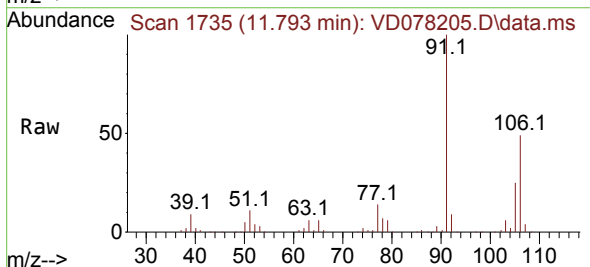
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

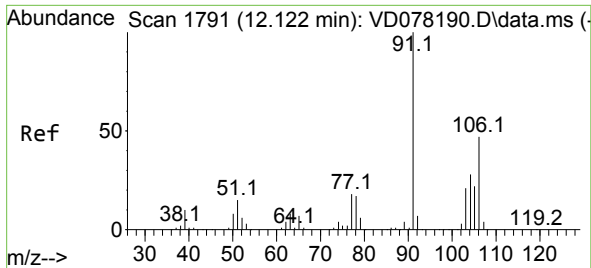
Tgt Ion: 91 Resp: 172563
Ion Ratio Lower Upper
91 100
106 34.9 26.5 39.7



#68
m/p-Xylenes
Concen: 35.879 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 106 Resp: 131630
Ion Ratio Lower Upper
106 100
91 201.1 147.0 220.6

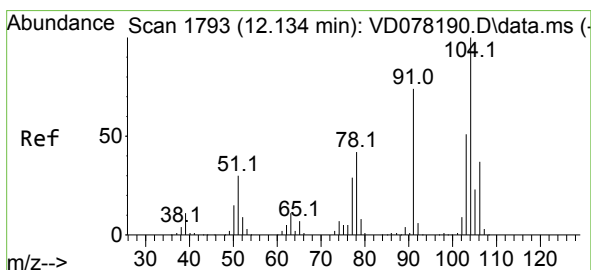
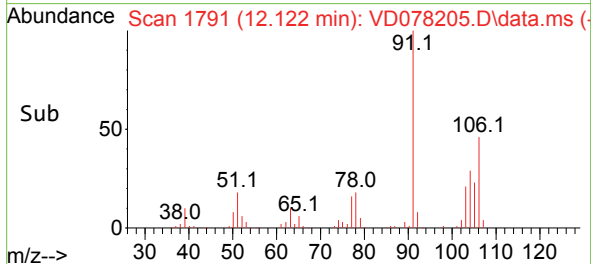
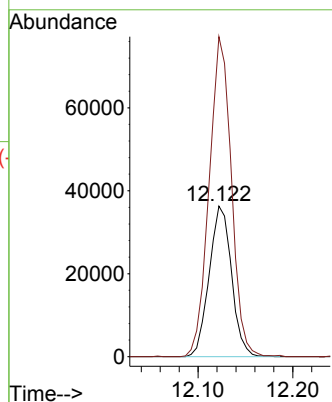
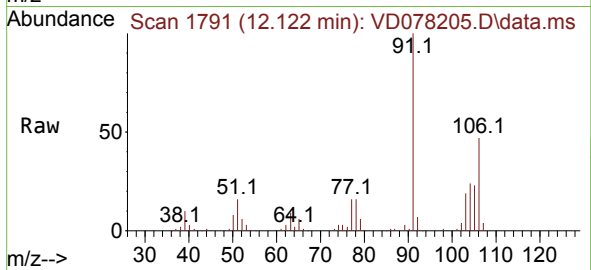




#69
o-Xylene
Concen: 17.869 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

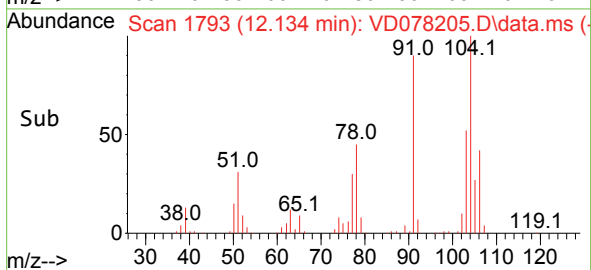
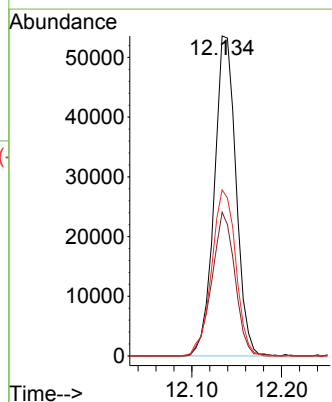
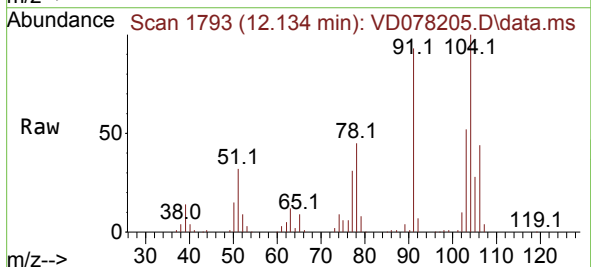
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

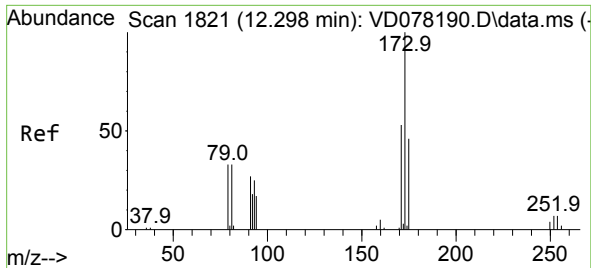
Tgt Ion:106 Resp: 59494
Ion Ratio Lower Upper
106 100
91 211.9 97.9 293.6



#70
Styrene
Concen: 18.070 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion:104 Resp: 90152
Ion Ratio Lower Upper
104 100
78 47.6 33.2 49.8
103 57.5 43.6 65.4

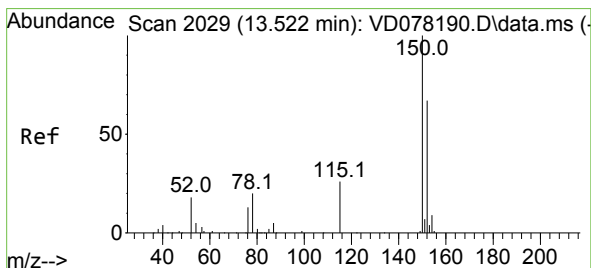
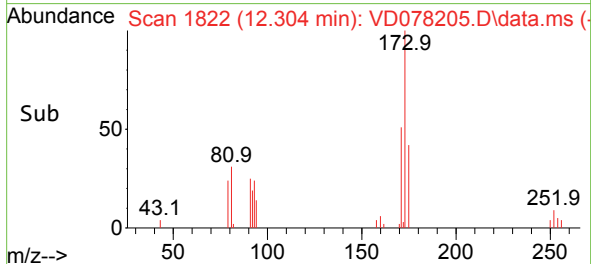
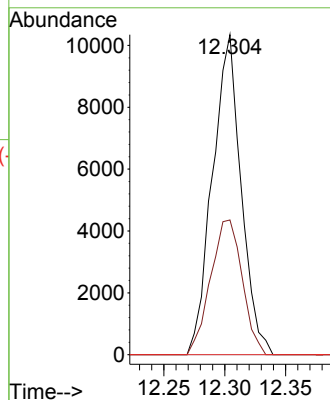
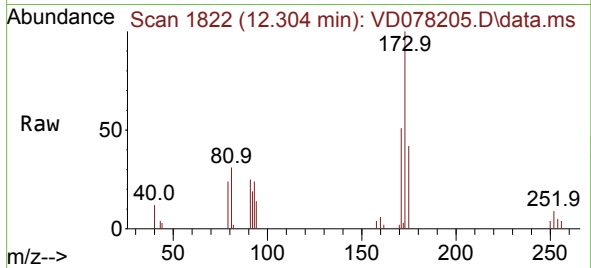




#71
Bromoform
Concen: 18.138 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

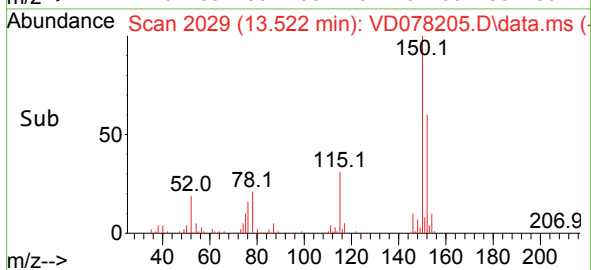
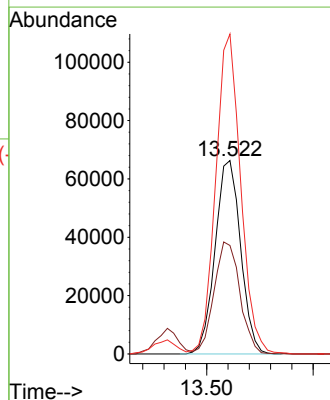
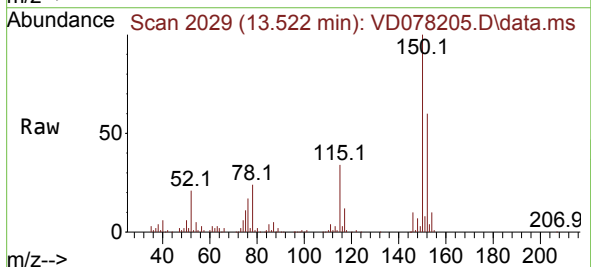
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

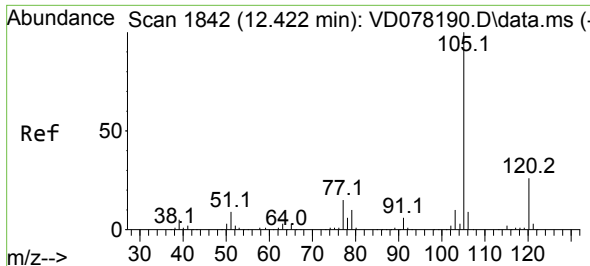
Tgt Ion:	173	Resp:	16944
Ion Ratio	Lower	Upper	
173	100		
175	46.5	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion:	152	Resp:	110200
Ion Ratio	Lower	Upper	
152	100		
115	58.8	27.1	81.3
150	161.9	0.0	353.6

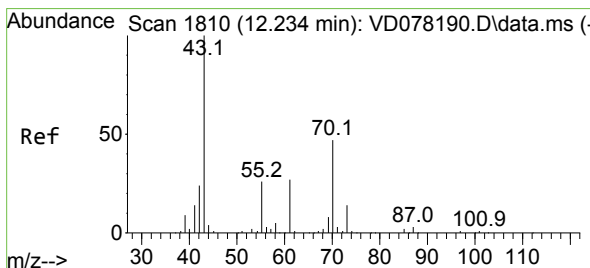
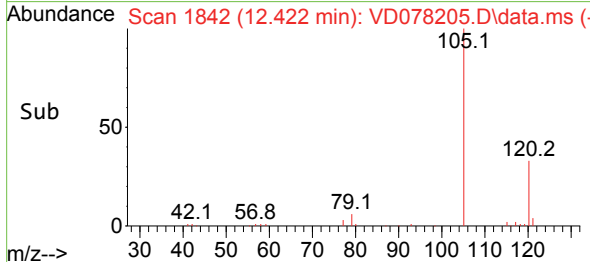
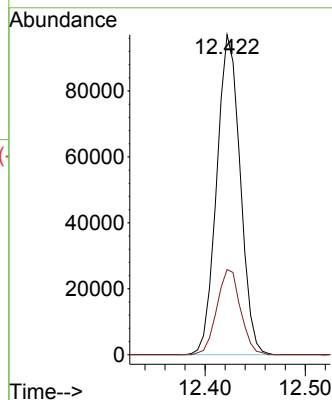
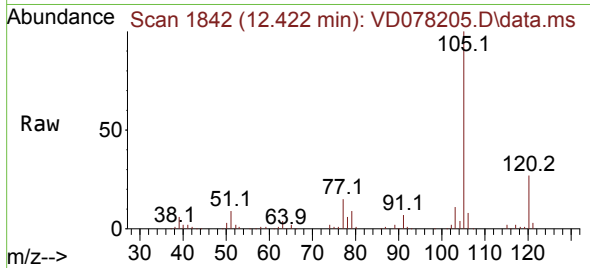




#73
Isopropylbenzene
Concen: 18.202 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

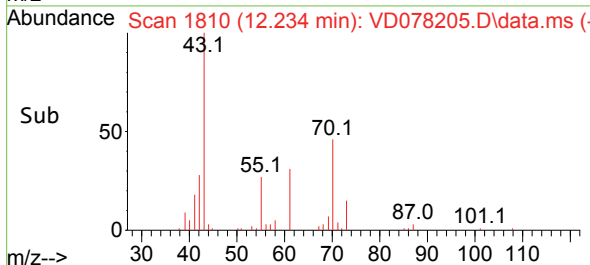
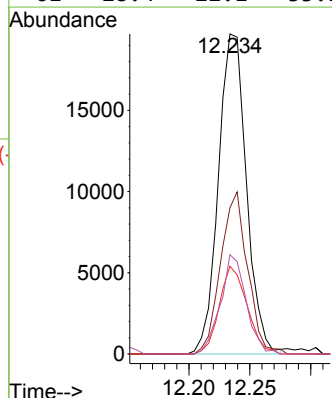
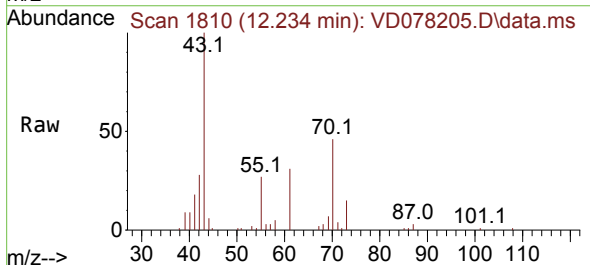
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

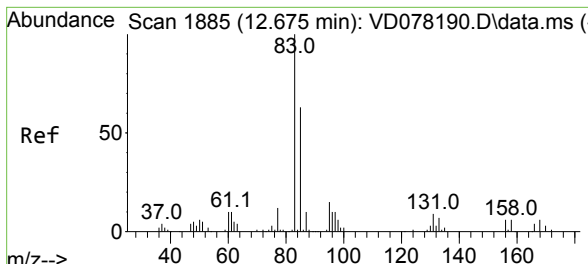
Tgt Ion:105 Resp: 157713
Ion Ratio Lower Upper
105 100
120 26.8 14.3 42.9



#74
N-ethyl acetate
Concen: 19.072 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 43 Resp: 31617
Ion Ratio Lower Upper
43 100
70 48.6 45.0 67.4
55 27.1 23.8 35.6
61 28.4 22.1 33.1

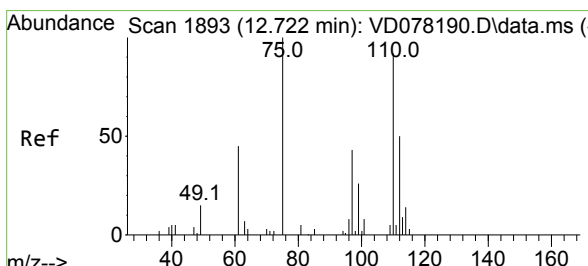
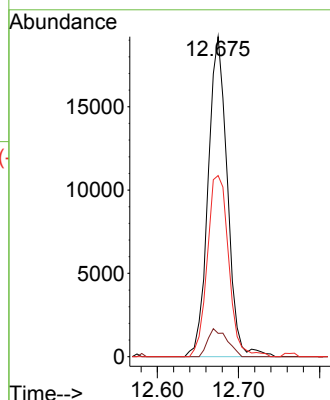
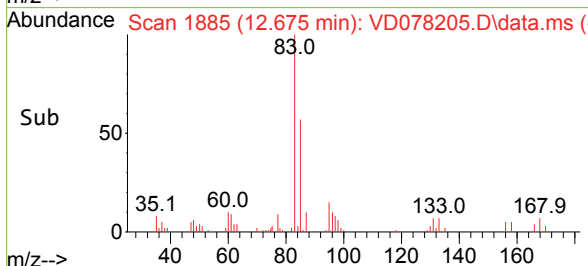
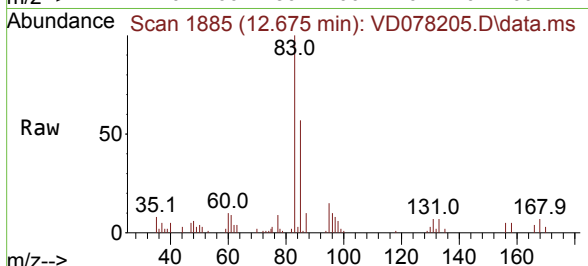




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.570 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD078205.D
 Acq: 23 Jan 2024 12:40

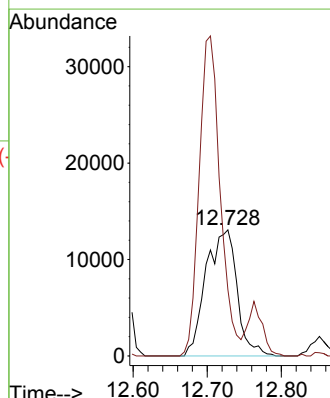
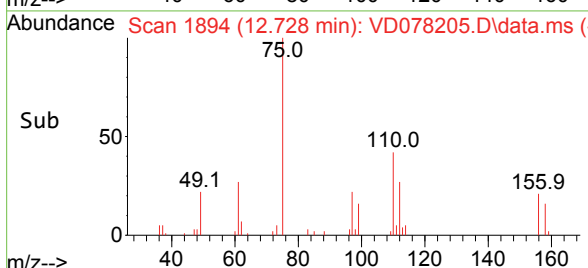
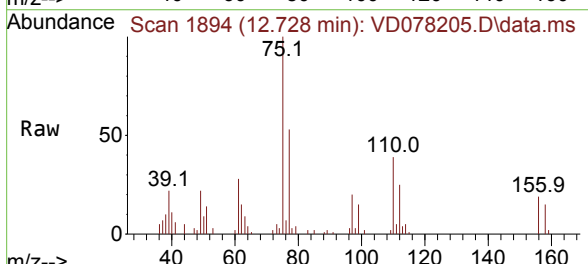
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0123SBSD01

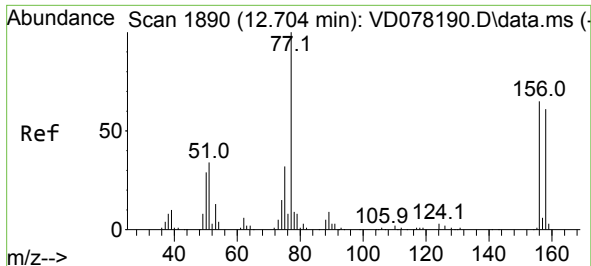
Tgt Ion:	83	Resp:	31552
Ion	Ratio	Lower	Upper
83	100		
131	8.8	5.1	15.3
85	62.9	32.6	97.8



#76
 1,2,3-Trichloropropane
 Concen: 36.018 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD078205.D
 Acq: 23 Jan 2024 12:40

Tgt Ion:	75	Resp:	38070
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

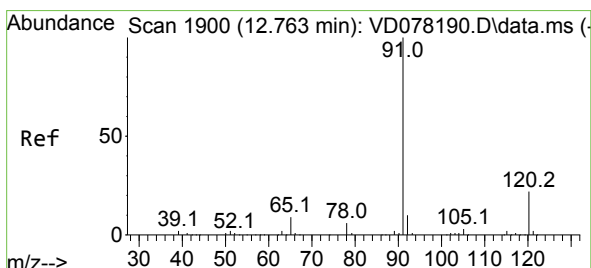
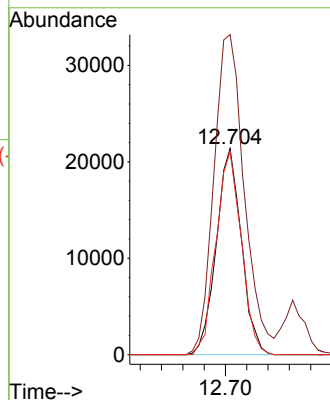
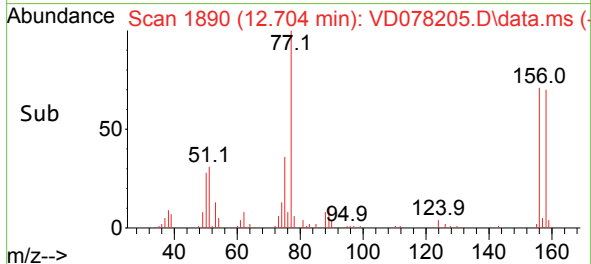
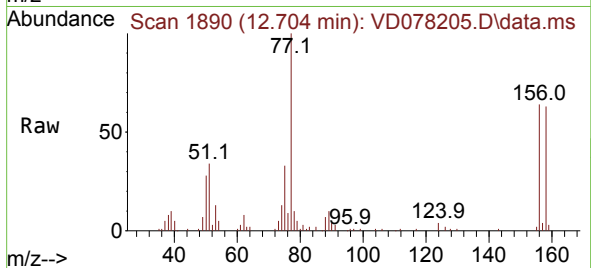




#77
Bromobenzene
Concen: 18.427 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

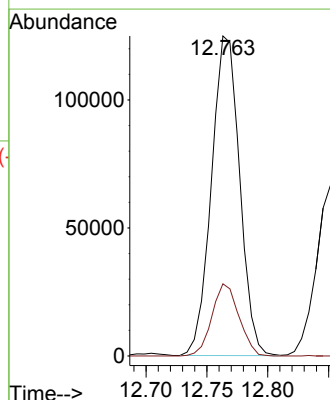
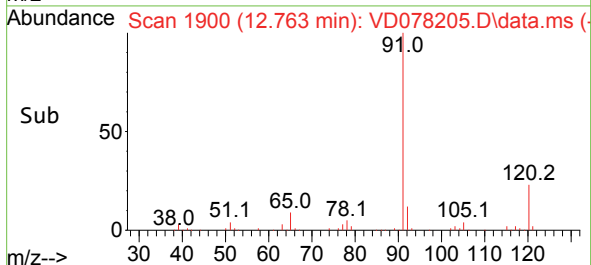
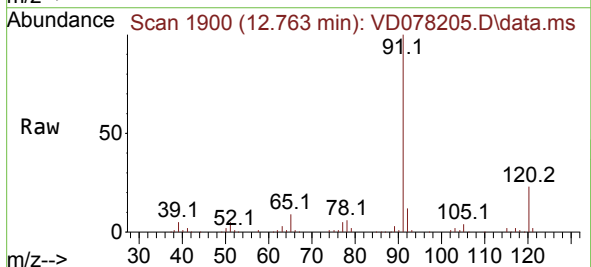
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

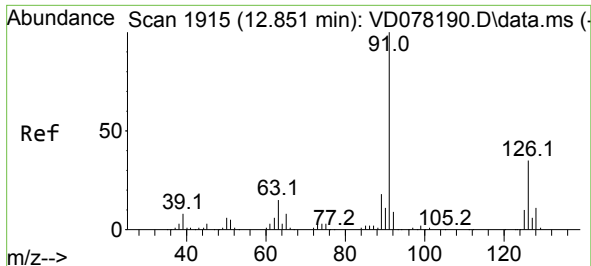
Tgt Ion:156 Resp: 35007
Ion Ratio Lower Upper
156 100
77 188.0 76.8 230.4
158 99.6 48.6 145.9



#78
n-propylbenzene
Concen: 18.739 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 91 Resp: 201387
Ion Ratio Lower Upper
91 100
120 21.6 12.4 37.2

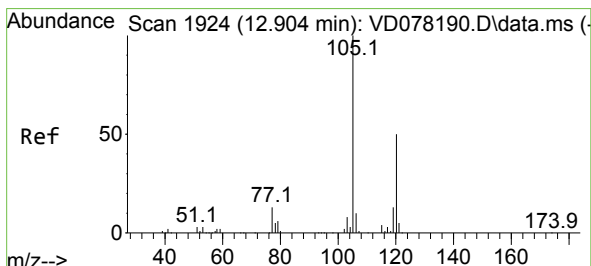
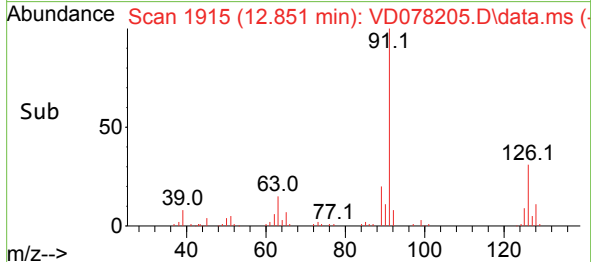
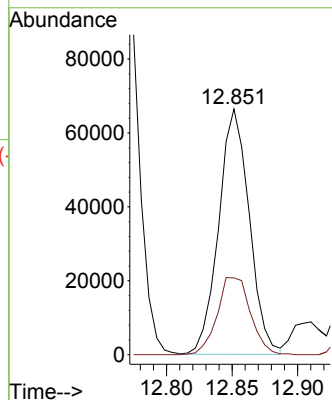
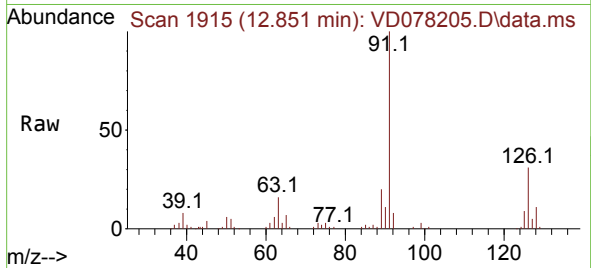




#79
2-Chlorotoluene
Concen: 18.839 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

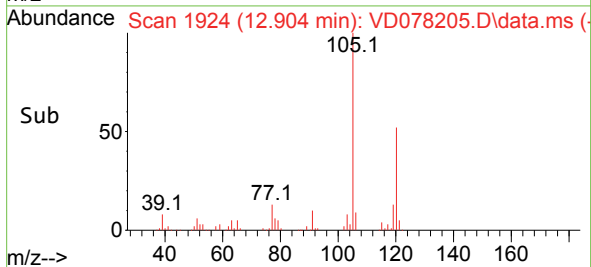
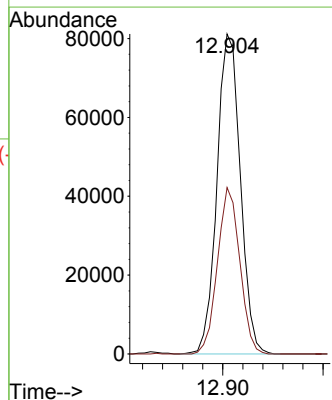
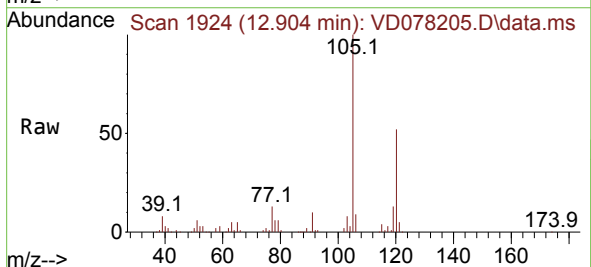
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

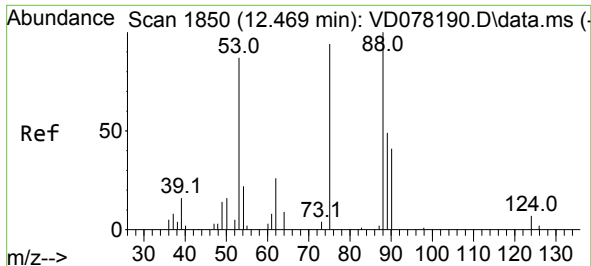
Tgt Ion: 91 Resp: 108040
Ion Ratio Lower Upper
91 100
126 34.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 18.270 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 105 Resp: 131266
Ion Ratio Lower Upper
105 100
120 49.7 26.4 79.2

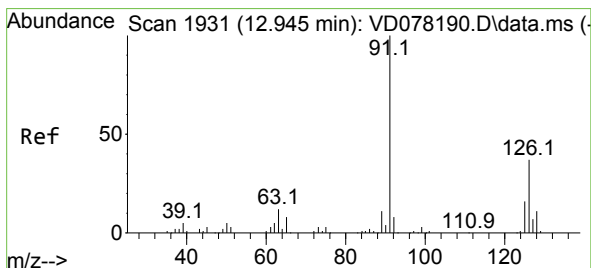
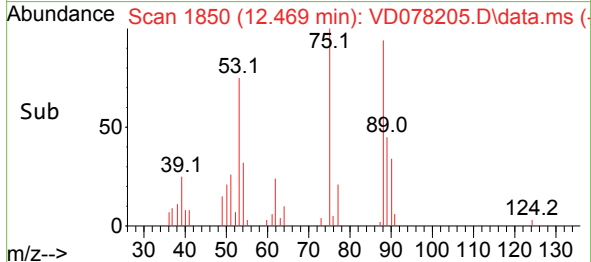
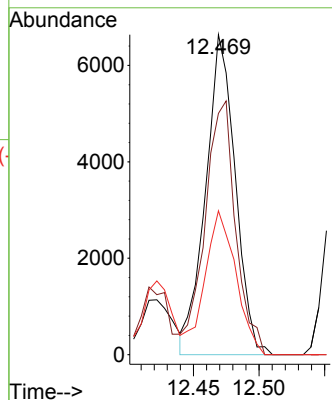
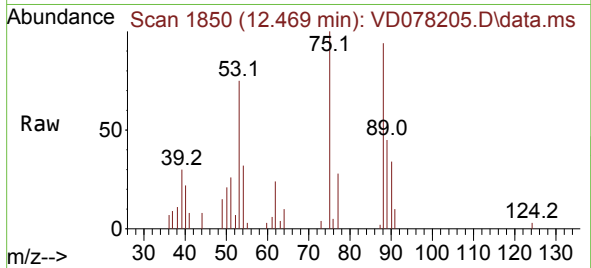




#81
trans-1,4-Dichloro-2-butene
Concen: 21.248 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

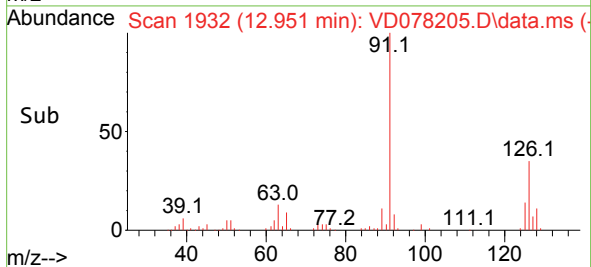
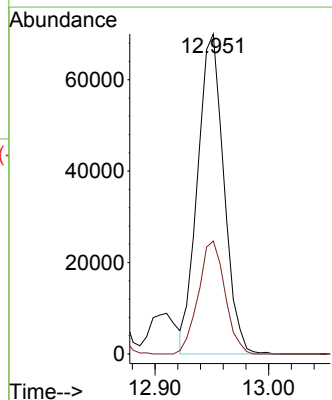
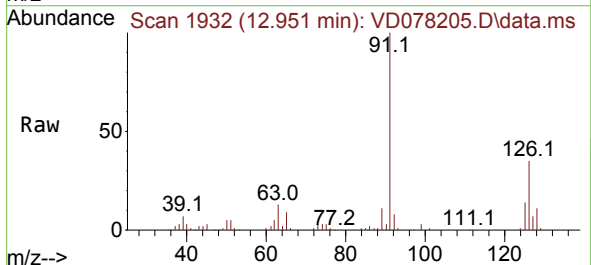
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

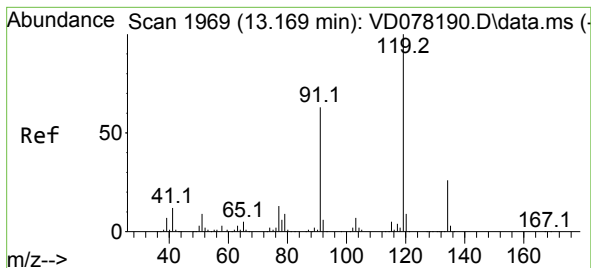
Tgt Ion: 75 Resp: 10426
Ion Ratio Lower Upper
75 100
53 82.0 63.0 94.4
89 47.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 18.618 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 91 Resp: 112549
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.4





#83

tert-Butylbenzene

Concen: 17.867 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

Instrument :

MSVOA_D

ClientSampleId :

VD0123SBSD01

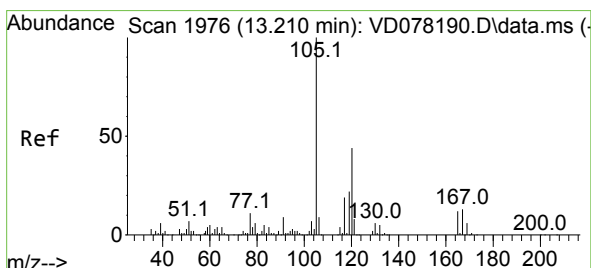
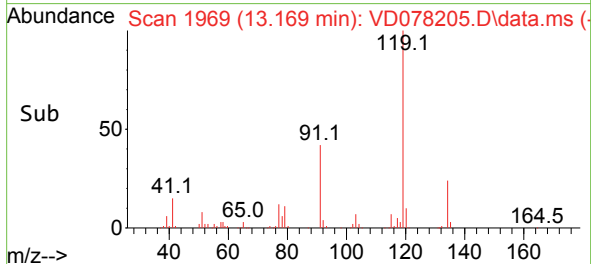
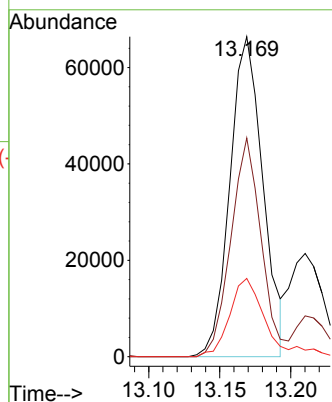
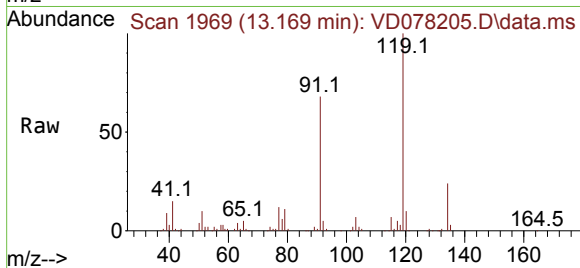
Tgt Ion:119 Resp: 107309

Ion Ratio Lower Upper

119 100

91 63.1 29.3 87.8

134 26.8 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 18.382 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD078205.D

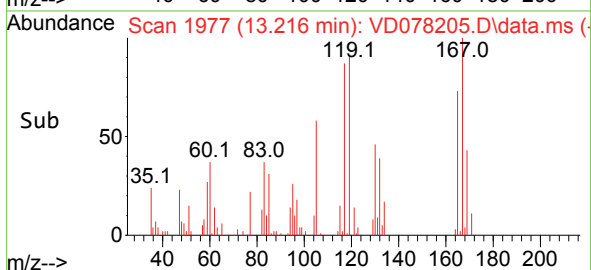
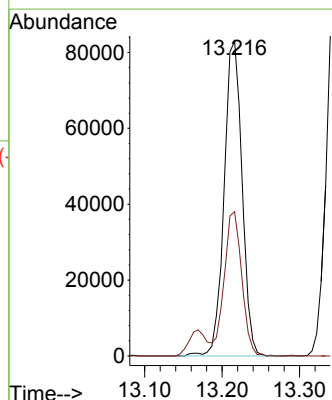
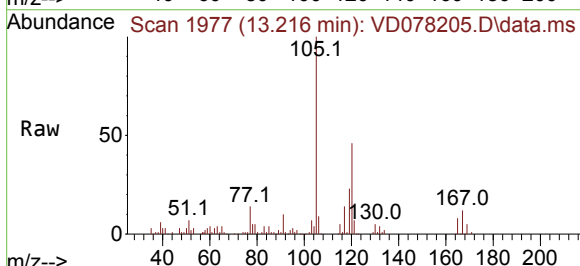
Acq: 23 Jan 2024 12:40

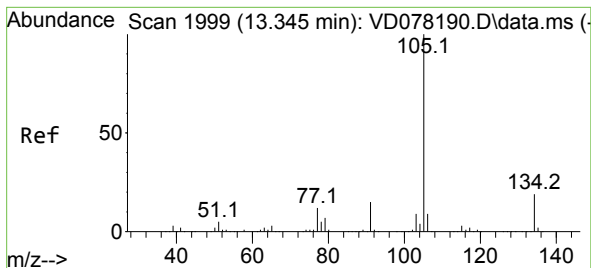
Tgt Ion:105 Resp: 133564

Ion Ratio Lower Upper

105 100

120 44.9 24.3 72.9





#85

sec-Butylbenzene

Concen: 18.125 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

Instrument :

MSVOA_D

ClientSampleId :

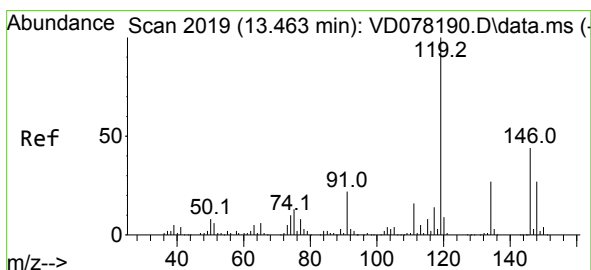
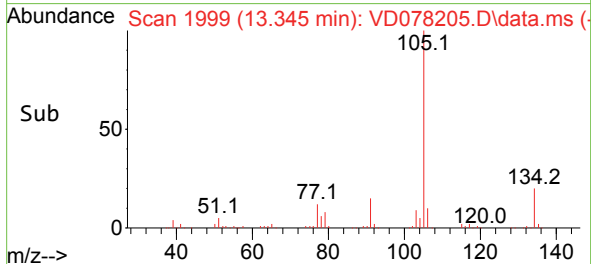
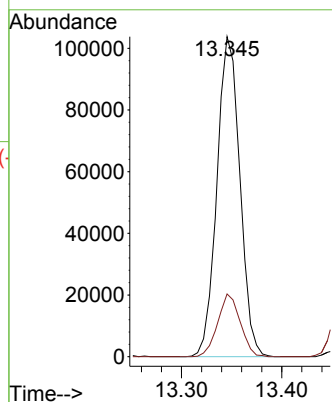
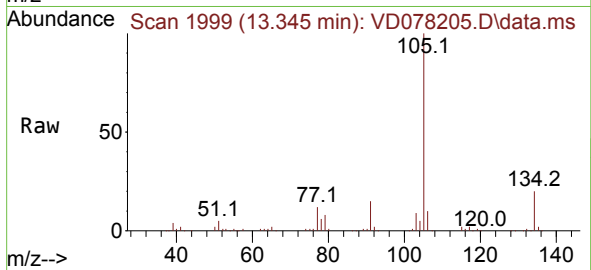
VD0123SBS01

Tgt Ion:105 Resp: 164827

Ion Ratio Lower Upper

105 100

134 19.2 10.9 32.9



#86

p-Isopropyltoluene

Concen: 18.097 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

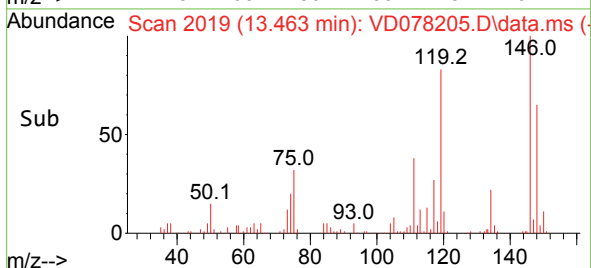
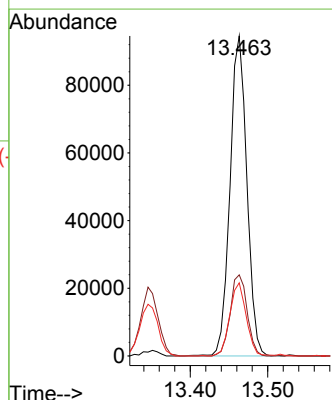
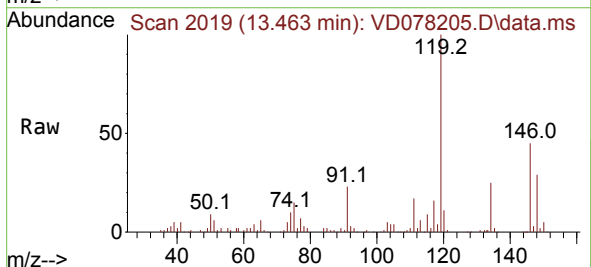
Tgt Ion:119 Resp: 143220

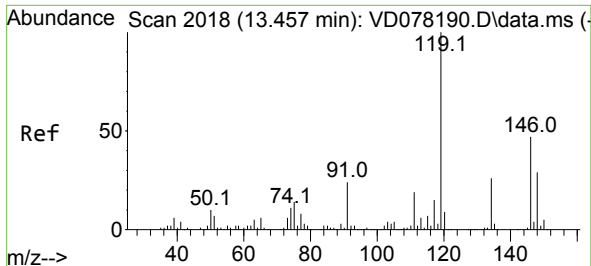
Ion Ratio Lower Upper

119 100

134 25.4 14.2 42.6

91 22.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 18.150 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

Instrument :

MSVOA_D

ClientSampleId :

VD0123SBS01

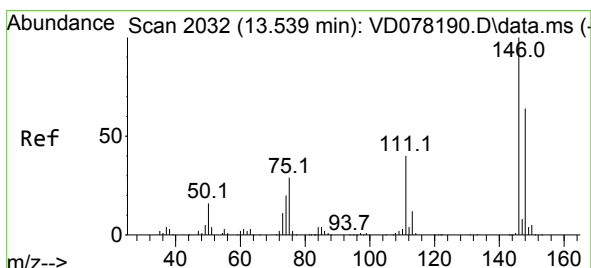
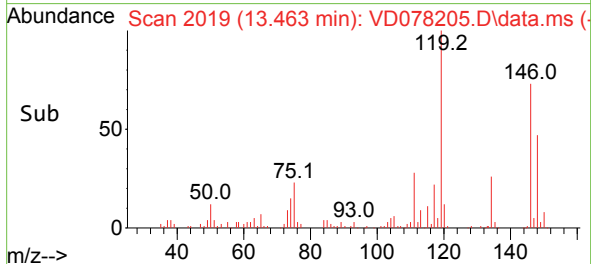
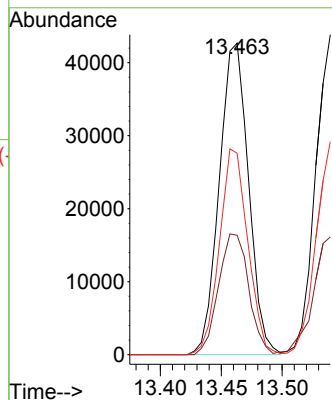
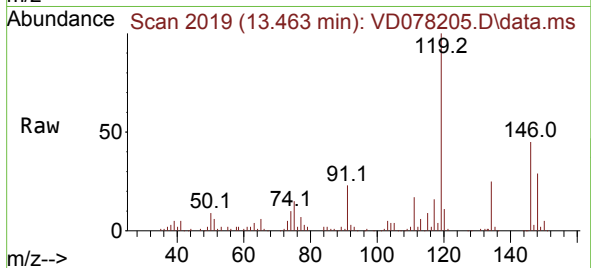
Tgt Ion:146 Resp: 71390

Ion Ratio Lower Upper

146 100

111 39.9 17.9 53.8

148 64.1 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 18.718 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

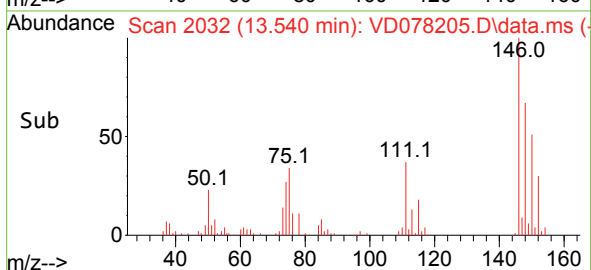
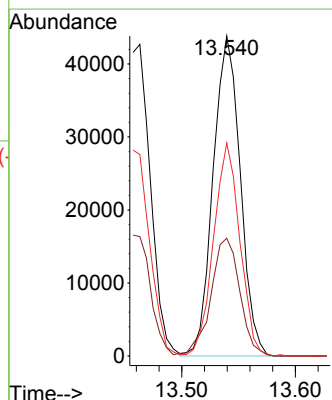
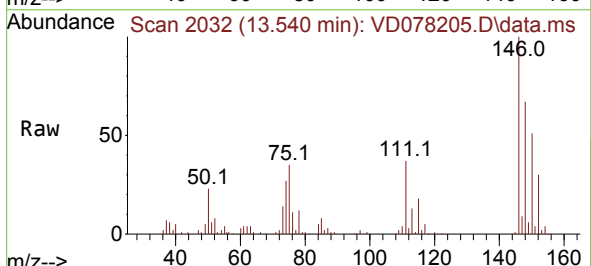
Tgt Ion:146 Resp: 72734

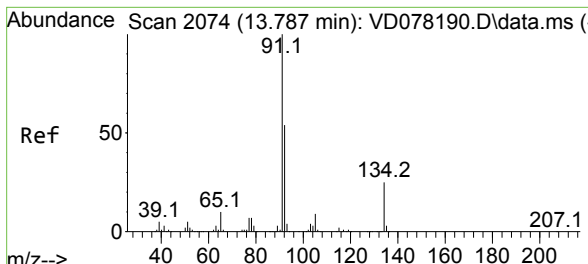
Ion Ratio Lower Upper

146 100

111 39.3 17.4 52.3

148 64.5 31.7 95.1

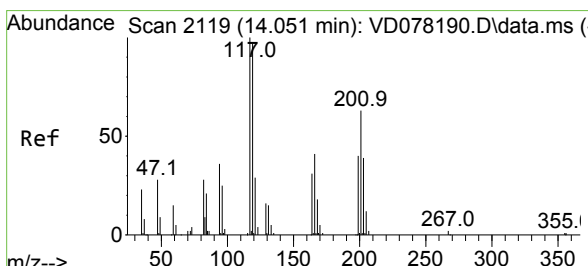
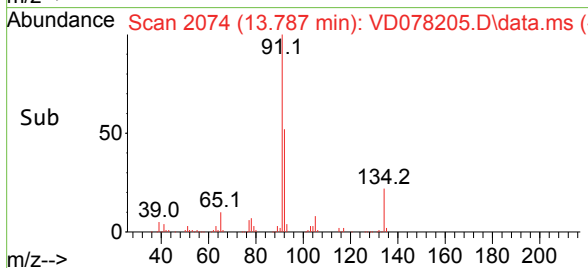
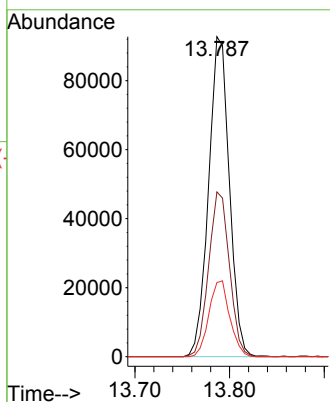
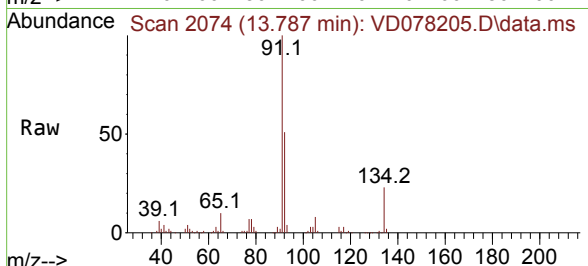




#89
 n-Butylbenzene
 Concen: 18.296 ug/l
 RT: 13.787 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: VD078205.D
 Acq: 23 Jan 2024 12:40

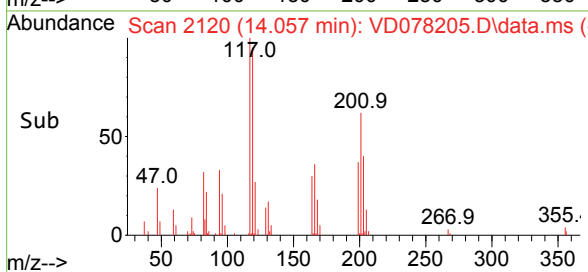
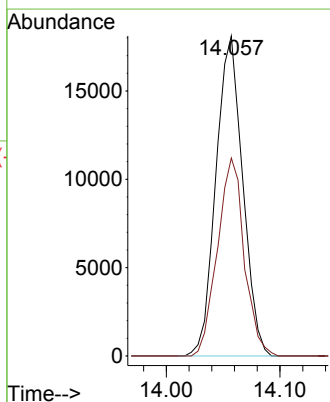
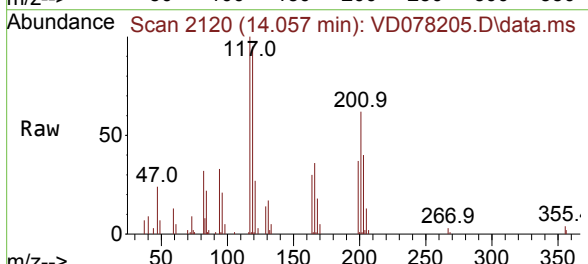
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0123SBSD01

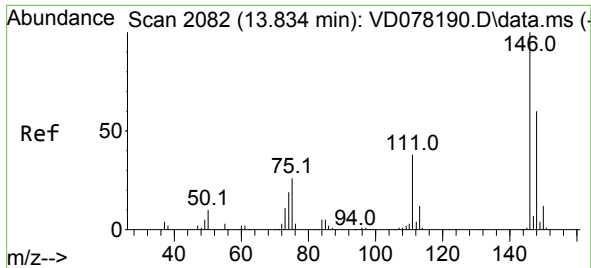
Tgt Ion:	91	Resp:	140955
Ion Ratio	Lower	Upper	
91	100		
92	51.6	26.5	79.5
134	23.8	13.8	41.3



#90
 Hexachloroethane
 Concen: 19.084 ug/l
 RT: 14.057 min Scan# 2120
 Delta R.T. 0.006 min
 Lab File: VD078205.D
 Acq: 23 Jan 2024 12:40

Tgt Ion:	117	Resp:	29626
Ion Ratio	Lower	Upper	
117	100		
201	62.0	38.5	115.5

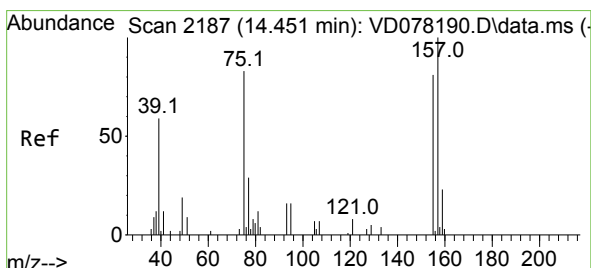
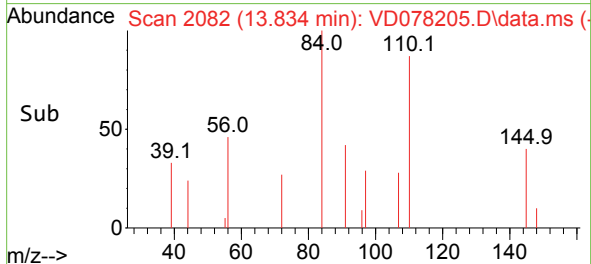
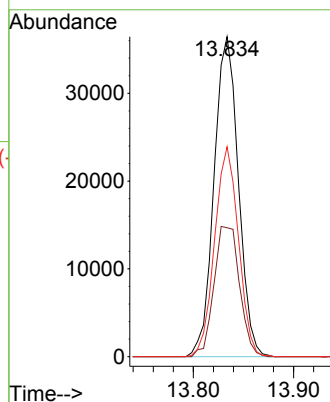
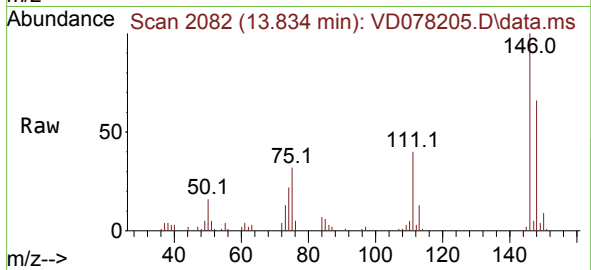




#91
1,2-Dichlorobenzene
Concen: 18.545 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

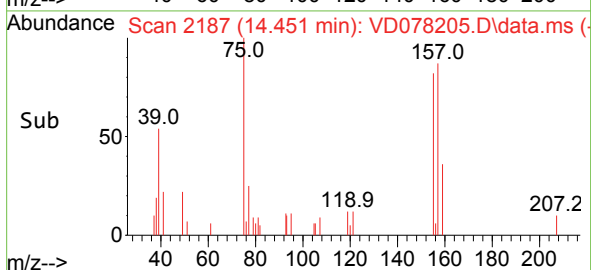
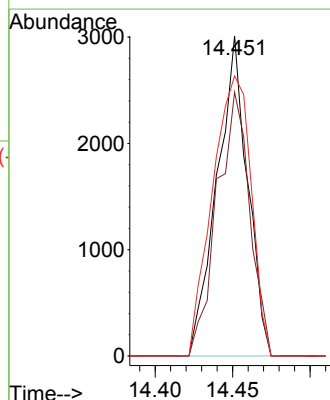
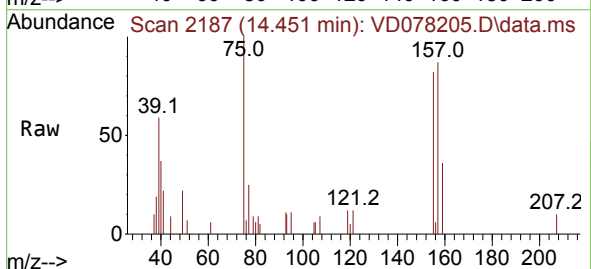
Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

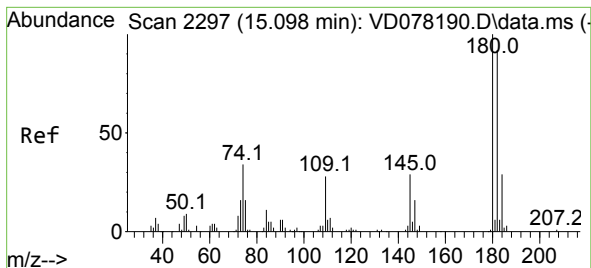
Tgt Ion:146 Resp: 61337
Ion Ratio Lower Upper
146 100
111 42.9 18.3 54.8
148 64.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.912 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion: 75 Resp: 4127
Ion Ratio Lower Upper
75 100
155 88.1 47.9 143.8
157 110.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.142 ug/l

RT: 15.104 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

Instrument :

MSVOA_D

ClientSampleId :

VD0123SBSD01

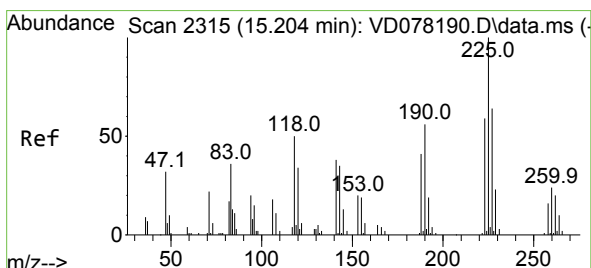
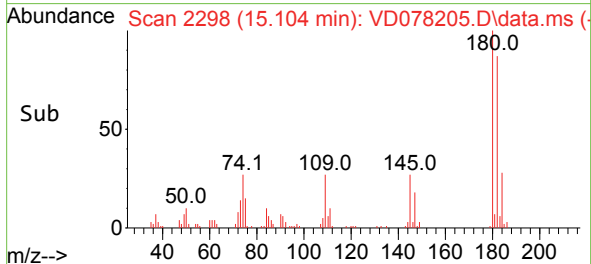
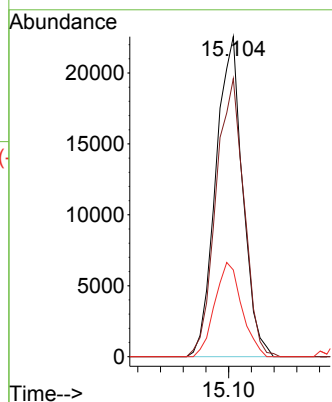
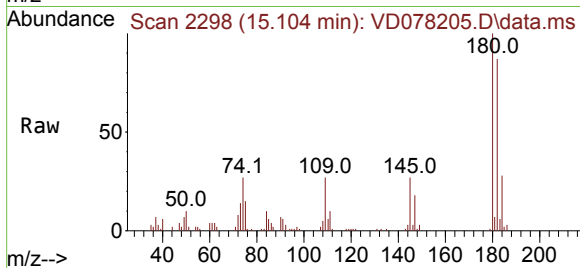
Tgt Ion:180 Resp: 37091

Ion Ratio Lower Upper

180 100

182 90.4 48.5 145.6

145 29.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.986 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078205.D

Acq: 23 Jan 2024 12:40

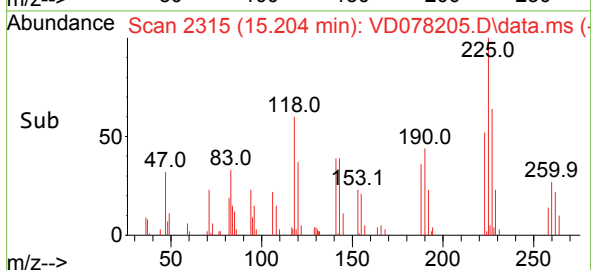
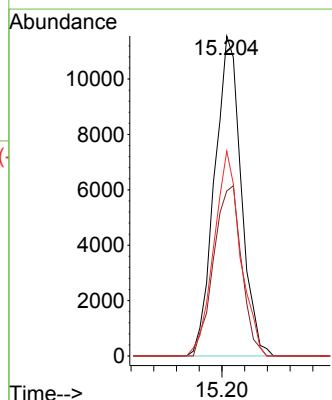
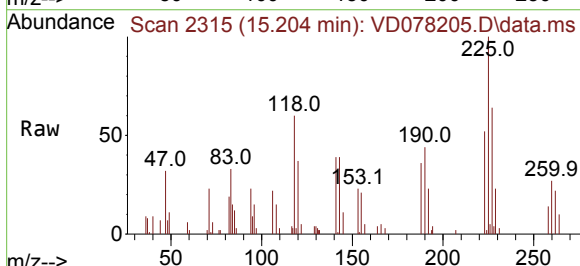
Tgt Ion:225 Resp: 18757

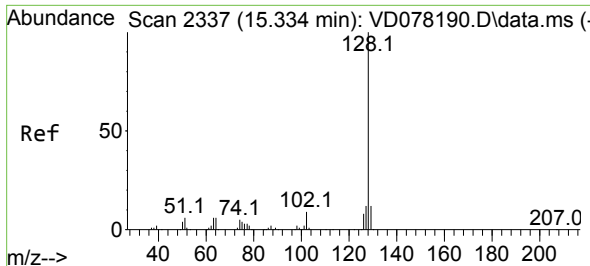
Ion Ratio Lower Upper

225 100

223 55.9 31.6 94.8

227 63.6 31.7 95.1

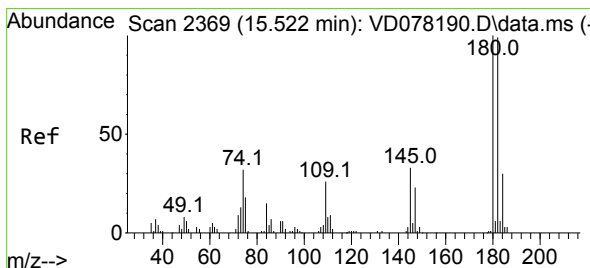
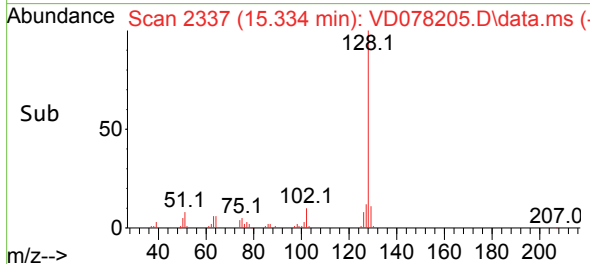
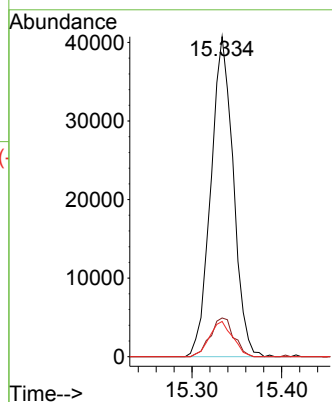
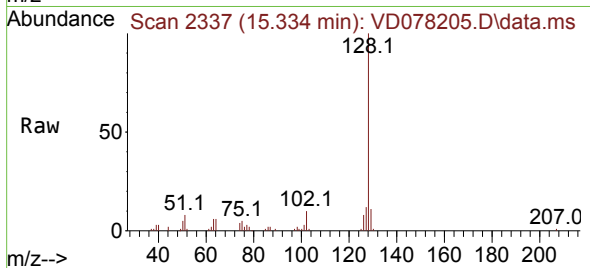




#95
Naphthalene
Concen: 18.523 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Instrument :
MSVOA_D
ClientSampleId :
VD0123SBSD01

Tgt Ion:128 Resp: 70805
Ion Ratio Lower Upper
128 100
127 12.1 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.456 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078205.D
Acq: 23 Jan 2024 12:40

Tgt Ion:180 Resp: 31658
Ion Ratio Lower Upper
180 100
182 97.9 47.3 141.9
145 31.6 15.1 45.3

