

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021324\
 Data File : VD078405.D
 Acq On : 13 Feb 2024 16:23
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 14 01:30:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	162015	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	285000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	260905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	129431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	74511	42.534	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.060%
35) Dibromofluoromethane	7.810	113	80519	44.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.960%
50) Toluene-d8	10.269	98	319229	44.081	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.160%
62) 4-Bromofluorobenzene	12.575	95	89508	42.472	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.940%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	84501	52.935	ug/l	94
3) Chloromethane	2.152	50	146420	49.911	ug/l	100
4) Vinyl Chloride	2.287	62	216670	48.401	ug/l	99
5) Bromomethane	2.693	94	146430	47.389	ug/l	99
6) Chloroethane	2.840	64	151372	46.372	ug/l	97
7) Trichlorofluoromethane	3.175	101	149341	49.454	ug/l	98
8) Diethyl Ether	3.599	74	42005	48.293	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.969	101	89682	47.076	ug/l	95
10) Methyl Iodide	4.169	142	81673	47.867	ug/l	91
11) Tert butyl alcohol	5.063	59	23501	247.466	ug/l	# 89
12) 1,1-Dichloroethene	3.940	96	86567	49.014	ug/l	90
13) Acrolein	3.799	56	35170	217.321	ug/l	95
14) Allyl chloride	4.564	41	105709	48.448	ug/l	91
15) Acrylonitrile	5.258	53	88491	237.660	ug/l	98
16) Acetone	4.028	43	83737	248.160	ug/l	87
17) Carbon Disulfide	4.275	76	278427	46.849	ug/l	100
18) Methyl Acetate	4.569	43	69718	54.489	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	182153	48.542	ug/l	98
20) Methylene Chloride	4.805	84	98363	49.539	ug/l	# 88
21) trans-1,2-Dichloroethene	5.322	96	100875	48.550	ug/l	94
22) Diisopropyl ether	6.216	45	239536	49.810	ug/l	94
23) Vinyl Acetate	6.158	43	552365	282.046	ug/l	93
24) 1,1-Dichloroethane	6.110	63	165745	48.652	ug/l	95
25) 2-Butanone	7.087	43	110156	248.070	ug/l	91
26) 2,2-Dichloropropane	7.081	77	138205	48.393	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	110991	48.689	ug/l	95
28) Bromochloromethane	7.428	49	70406	52.179	ug/l	# 78
29) Tetrahydrofuran	7.446	42	65058	249.726	ug/l	87
30) Chloroform	7.593	83	168751	46.817	ug/l	94
31) Cyclohexane	7.881	56	142099	47.953	ug/l	92
32) 1,1,1-Trichloroethane	7.799	97	147292	47.929	ug/l	100
36) 1,1-Dichloropropene	8.010	75	135333	48.120	ug/l	98
37) Ethyl Acetate	7.169	43	44367	45.003	ug/l	98
38) Carbon Tetrachloride	7.993	117	130128	46.722	ug/l	98
39) Methylcyclohexane	9.275	83	168087	50.344	ug/l	90
40) Benzene	8.252	78	392429	48.275	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	24013	46.802	ug/l	# 92
42) 1,2-Dichloroethane	8.328	62	96497	45.877	ug/l	94
43) Isopropyl Acetate	8.363	43	87632	48.002	ug/l	96
44) Trichloroethene	9.028	130	99179	47.824	ug/l	97
45) 1,2-Dichloropropane	9.304	63	94945	47.604	ug/l	96
46) Dibromomethane	9.393	93	51610	46.005	ug/l	92
47) Bromodichloromethane	9.587	83	128442	46.225	ug/l	93
48) Methyl methacrylate	9.381	41	49247	50.847	ug/l	84
49) 1,4-Dioxane	9.387	88	12005	988.142	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	231068	238.479	ug/l	93
52) Toluene	10.334	92	245495	47.756	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	120688	47.601	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	148959	48.452	ug/l	# 91
55) 1,1,2-Trichloroethane	10.734	97	70607	46.736	ug/l	93
56) Ethyl methacrylate	10.598	69	59844	42.830	ug/l	90
57) 1,3-Dichloropropane	10.881	76	118365	46.058	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	187507	227.824	ug/l	95
59) 2-Hexanone	10.922	43	169292	232.494	ug/l	91
60) Dibromochloromethane	11.075	129	82662	45.476	ug/l	92
61) 1,2-Dibromoethane	11.181	107	66684	47.016	ug/l	100
64) Tetrachloroethene	10.810	164	80709	48.975	ug/l	93
65) Chlorobenzene	11.610	112	252100	48.063	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	91675	47.559	ug/l	98
67) Ethyl Benzene	11.687	91	470886	50.104	ug/l	98
68) m/p-Xylenes	11.793	106	367803	100.332	ug/l	90
69) o-Xylene	12.122	106	165916	49.596	ug/l	91
70) Styrene	12.134	104	253043	46.347	ug/l	95
71) Bromoform	12.298	173	46913	46.239	ug/l	# 98
73) Isopropylbenzene	12.422	105	447532	51.493	ug/l	96
74) N-amyl acetate	12.234	43	76467	46.507	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	80119	46.472	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	95659	87.055	ug/l	# 100
77) Bromobenzene	12.704	156	100270	49.091	ug/l	89
78) n-propylbenzene	12.763	91	560214	51.724	ug/l	95
79) 2-Chlorotoluene	12.851	91	293756	50.639	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	369483	51.198	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	25927	48.984	ug/l	98
82) 4-Chlorotoluene	12.945	91	303853	48.770	ug/l	95
83) tert-Butylbenzene	13.169	119	314460	51.666	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	371991	50.788	ug/l	98
85) sec-Butylbenzene	13.345	105	480496	50.905	ug/l	95
86) p-Isopropyltoluene	13.463	119	420403	52.291	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	214711	49.252	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	206467	48.201	ug/l	97
89) n-Butylbenzene	13.792	91	403824	52.112	ug/l	98
90) Hexachloroethane	14.057	117	80346	48.624	ug/l	88
91) 1,2-Dichlorobenzene	13.834	146	177470	48.479	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10580	46.867	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	108267	50.323	ug/l	96
94) Hexachlorobutadiene	15.204	225	56617	50.417	ug/l	98
95) Naphthalene	15.334	128	206314	51.703	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	93886	51.491	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

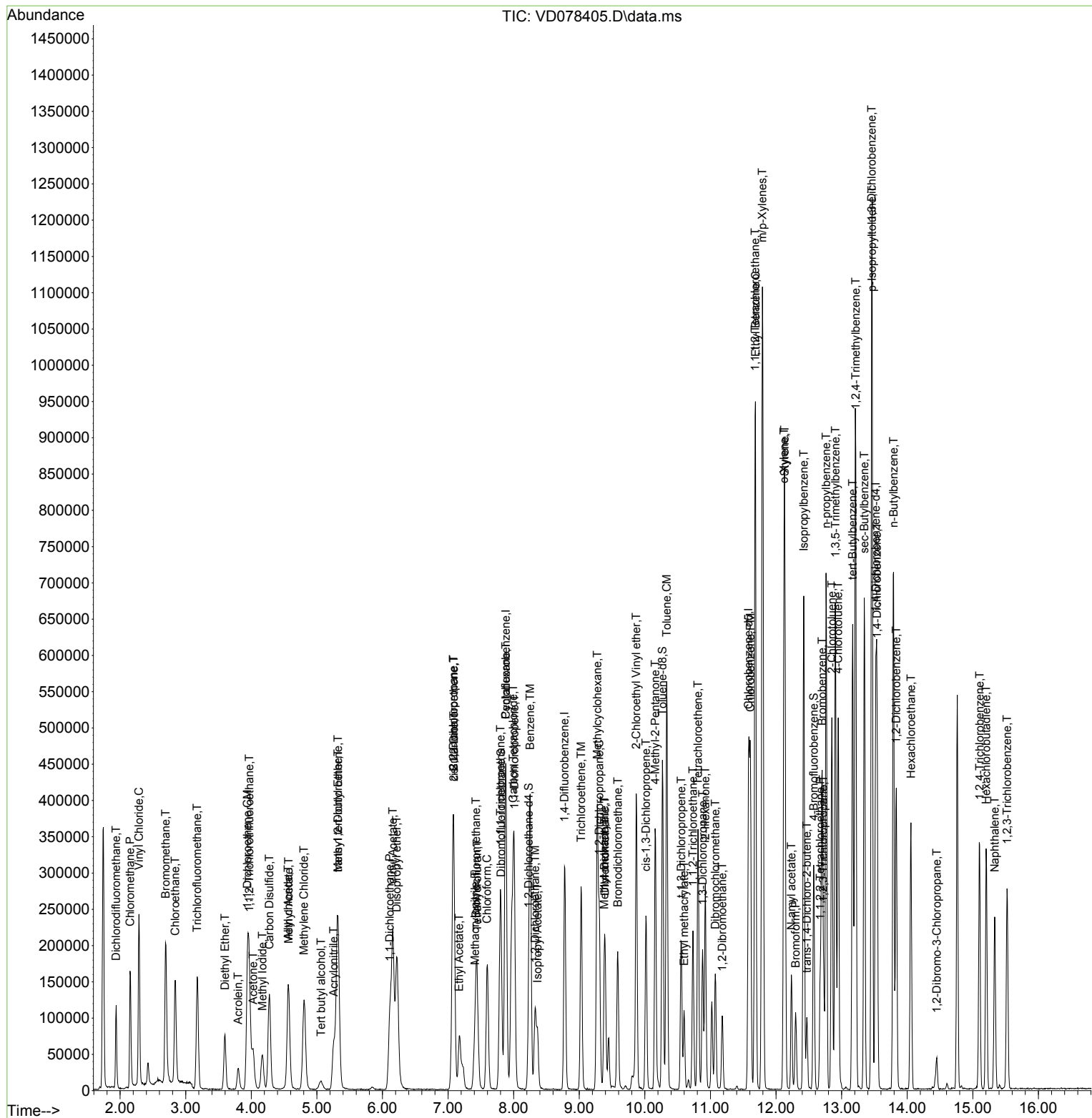
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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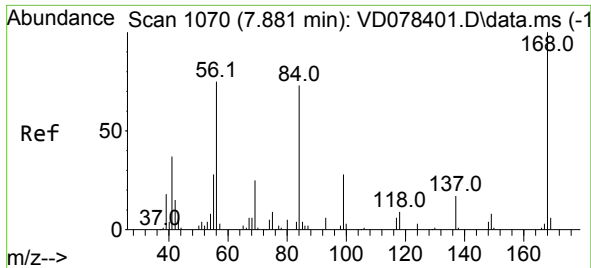
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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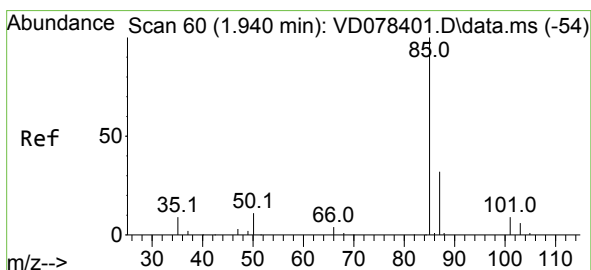
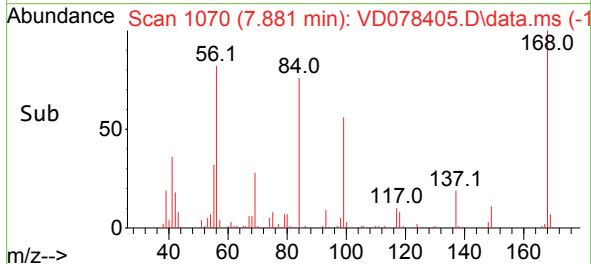
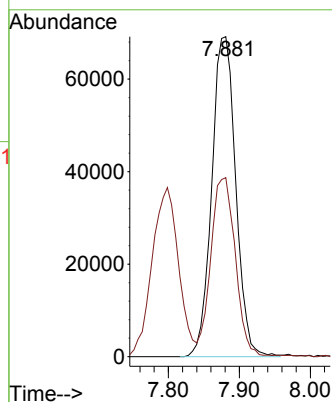
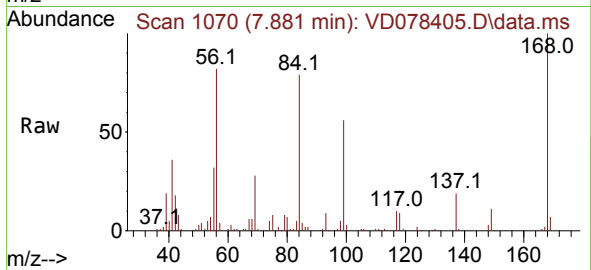




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078405.D
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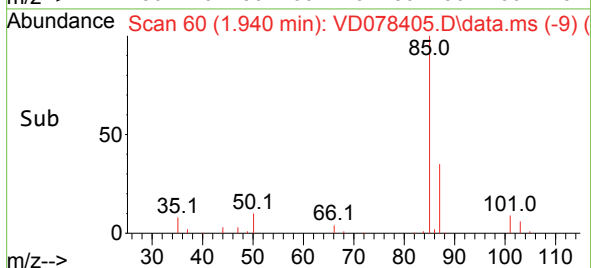
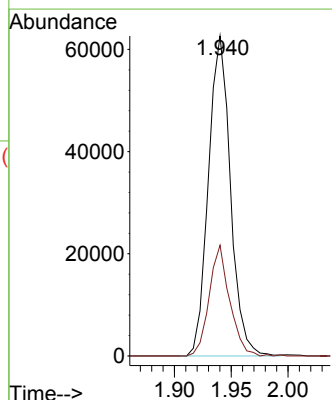
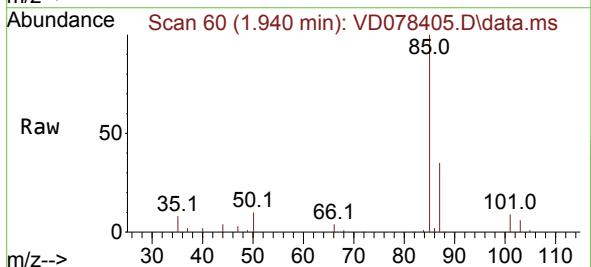
Instrument :
MSVOA_D
ClientSampleId :

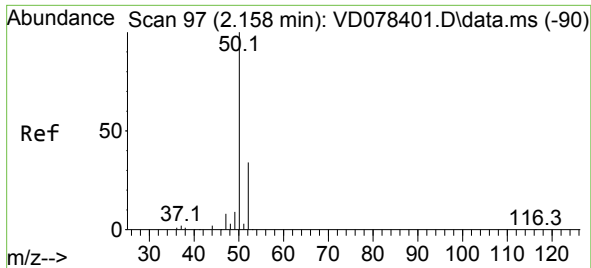
Tgt Ion:168 Resp: 162015
Ion Ratio Lower Upper
168 100
99 55.5 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 52.935 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion: 85 Resp: 84501
Ion Ratio Lower Upper
85 100
87 34.6 15.7 47.0

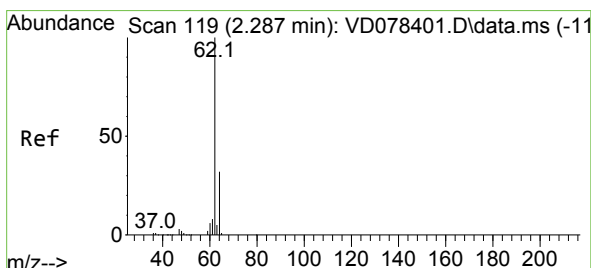
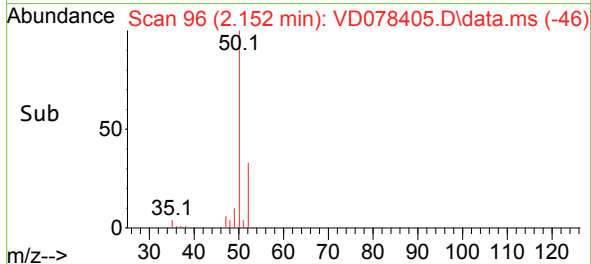
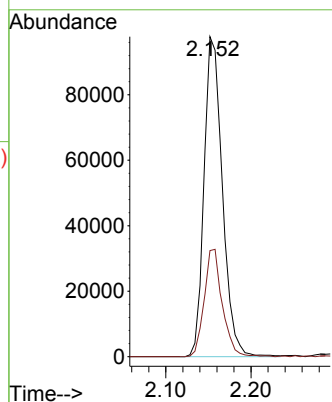
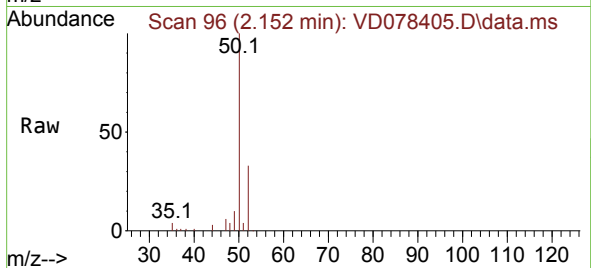




#3
Chloromethane
Concen: 49.911 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

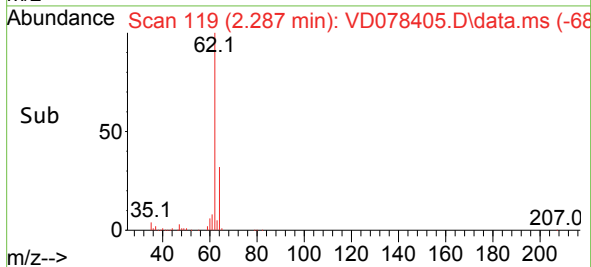
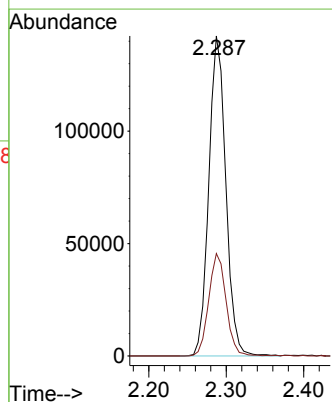
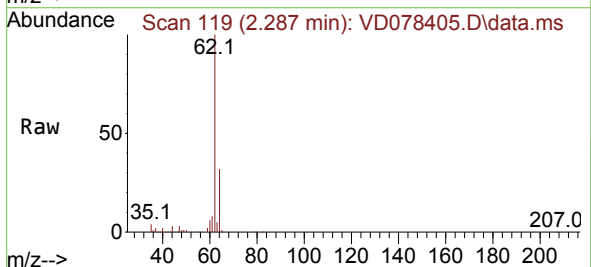
Instrument :
MSVOA_D
ClientSampleId :

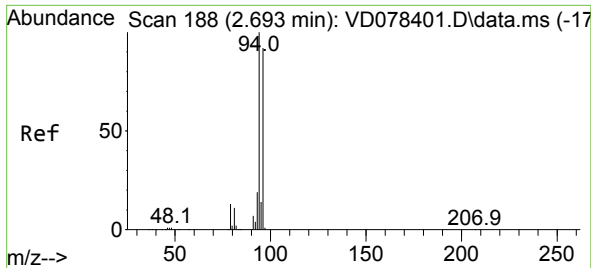
Tgt Ion: 50 Resp: 146420
Ion Ratio Lower Upper
50 100
52 33.1 26.6 40.0



#4
Vinyl Chloride
Concen: 48.401 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion: 62 Resp: 216670
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0

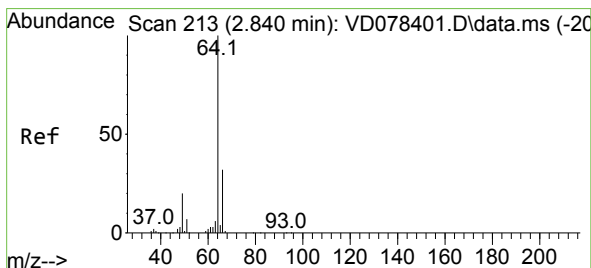
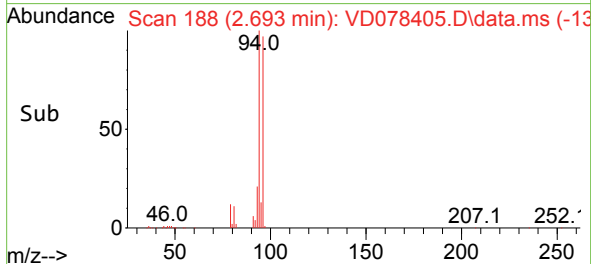
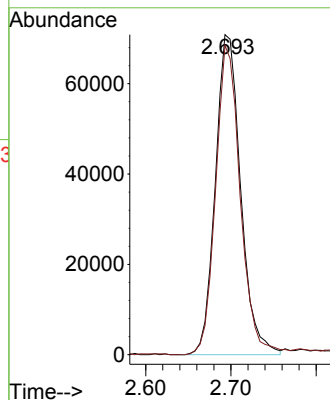
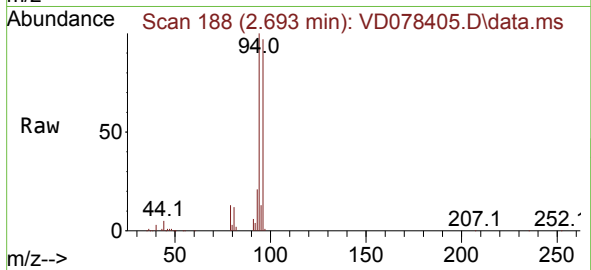




#5
Bromomethane
Concen: 47.389 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

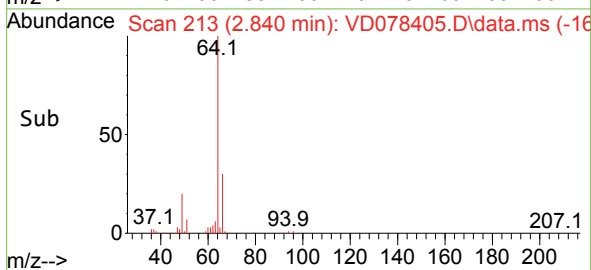
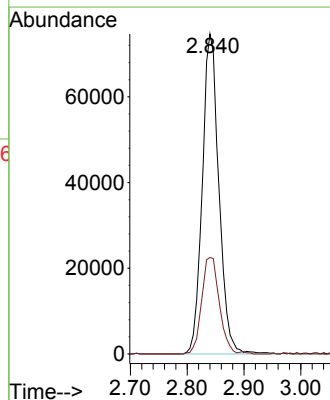
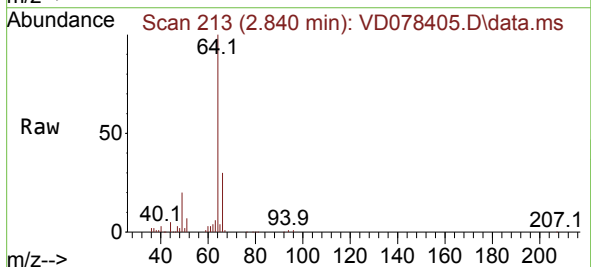
Instrument :
MSVOA_D
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Tgt Ion: 94 Resp: 146430
Ion Ratio Lower Upper
94 100
96 94.2 75.8 113.8



#6
Chloroethane
Concen: 46.372 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

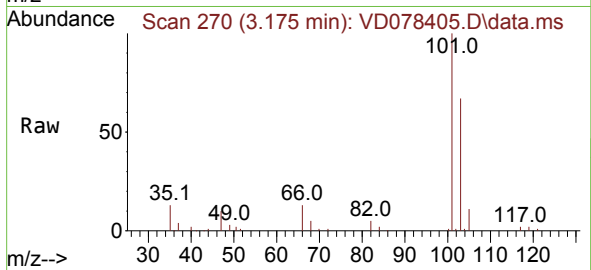
Tgt Ion: 64 Resp: 151372
Ion Ratio Lower Upper
64 100
66 30.2 25.5 38.3



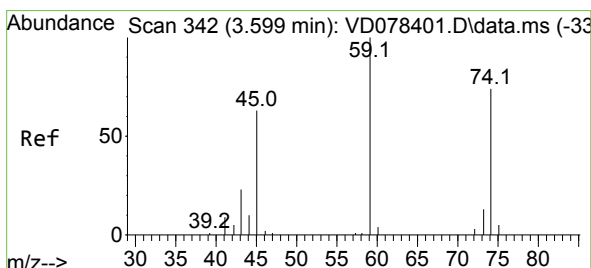
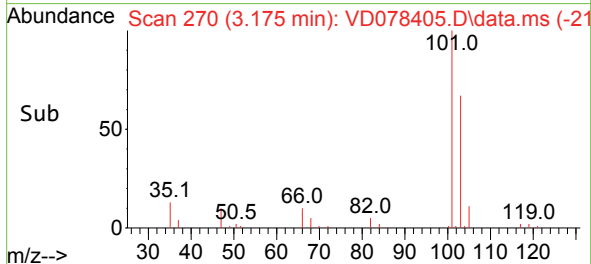
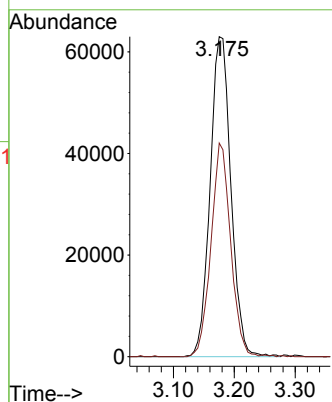


#7
 Trichlorofluoromethane
 Concen: 49.454 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078405.D
 Acq: 13 Feb 2024 16:23

Instrument :
 MSVOA_D
 ClientSampleId :

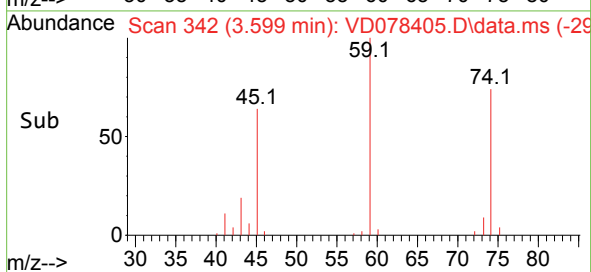
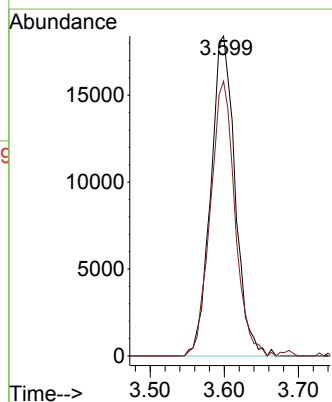
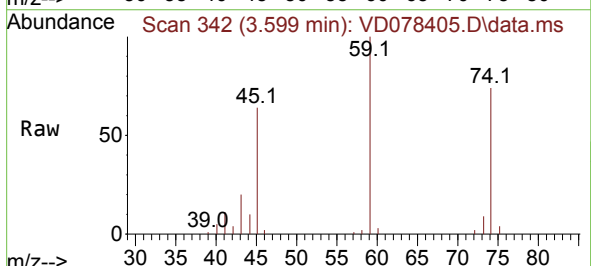


Tgt Ion:101 Resp: 149341
 Ion Ratio Lower Upper
 101 100
 103 66.7 52.3 78.5



#8
 Diethyl Ether
 Concen: 48.293 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VD078405.D
 Acq: 13 Feb 2024 16:23

Tgt Ion: 74 Resp: 42005
 Ion Ratio Lower Upper
 74 100
 45 86.7 37.5 112.7

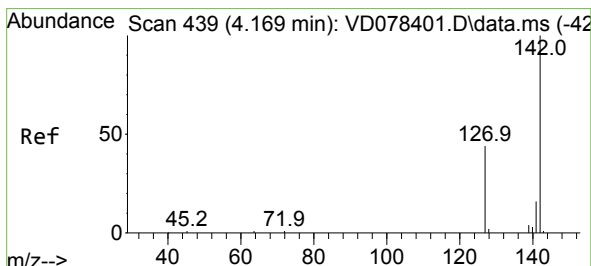
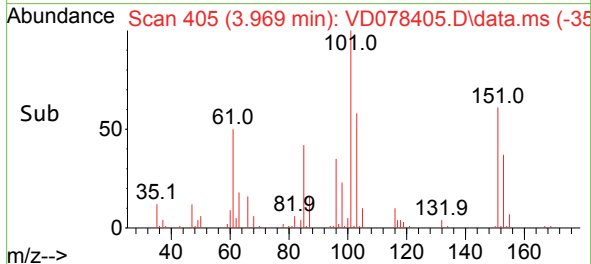
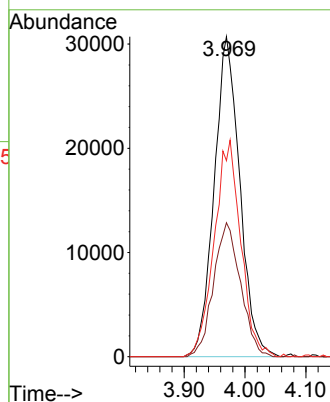
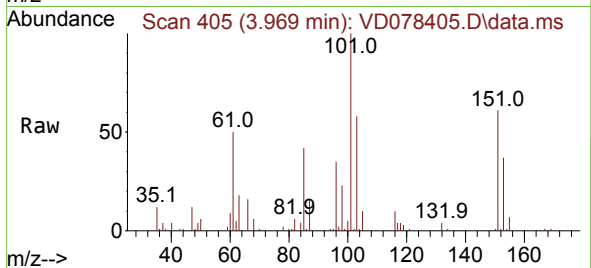




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.076 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
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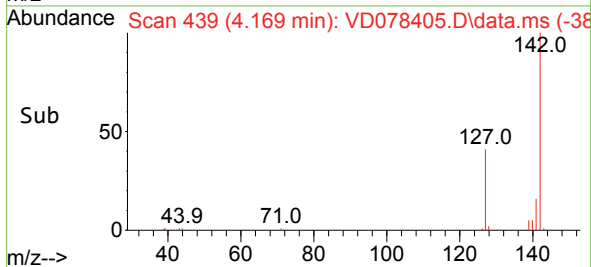
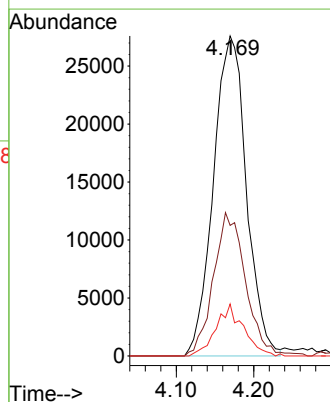
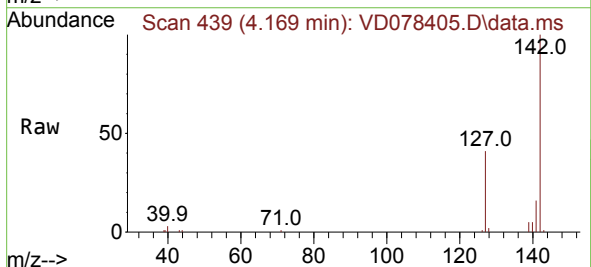
Instrument :
MSVOA_D
ClientSampleId :

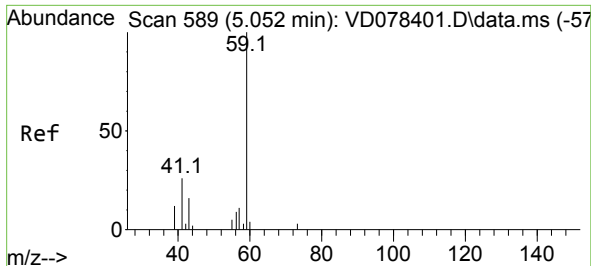
Tgt Ion:101 Resp: 89682
Ion Ratio Lower Upper
101 100
85 44.1 33.8 50.6
151 70.1 59.8 89.6



#10
Methyl Iodide
Concen: 47.867 ug/l
RT: 4.169 min Scan# 439
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion:142 Resp: 81673
Ion Ratio Lower Upper
142 100
127 43.7 29.4 44.0
141 13.6 11.1 16.7





#11

Tert butyl alcohol

Concen: 247.466 ug/l

RT: 5.063 min Scan# 591

Delta R.T. 0.011 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

Instrument :

MSVOA_D

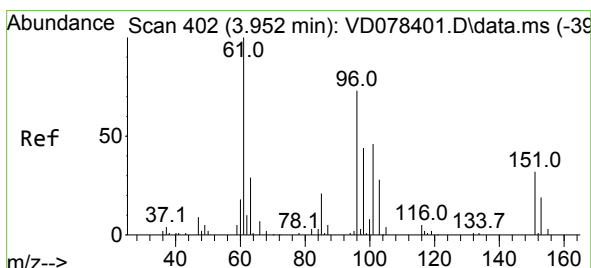
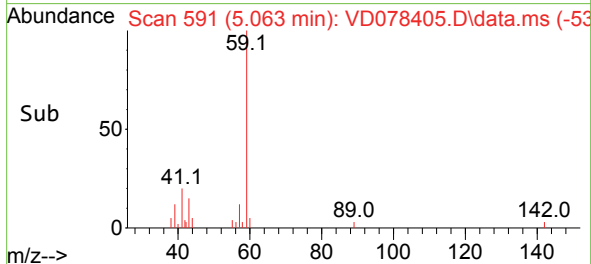
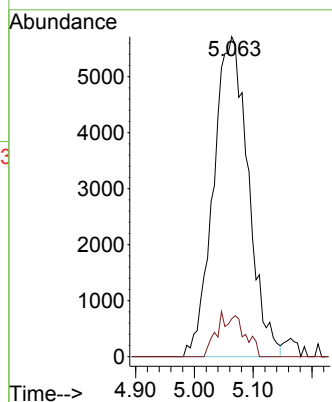
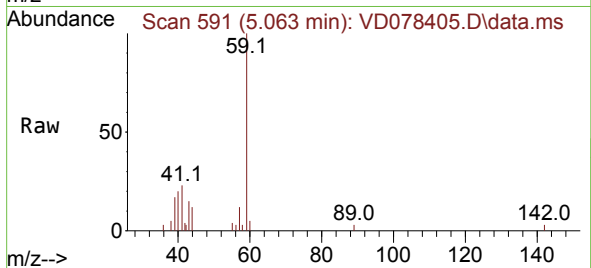
ClientSampleId :

Tgt Ion: 59 Resp: 23501

Ion Ratio Lower Upper

59 100

57 5.6 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 49.014 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.012 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

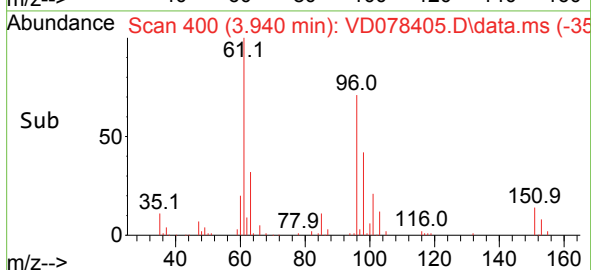
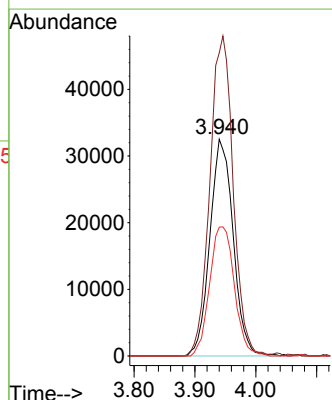
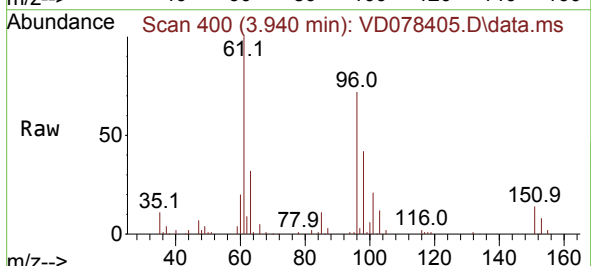
Tgt Ion: 96 Resp: 86567

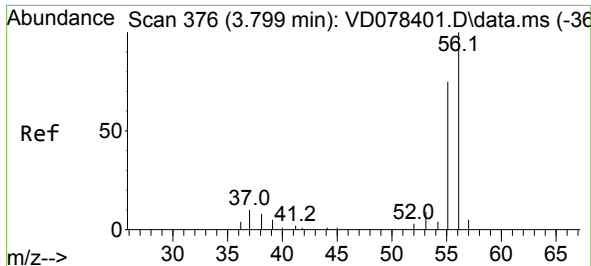
Ion Ratio Lower Upper

96 100

61 139.8 100.6 150.8

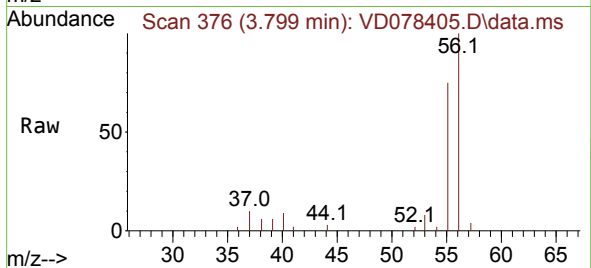
98 59.4 50.2 75.2



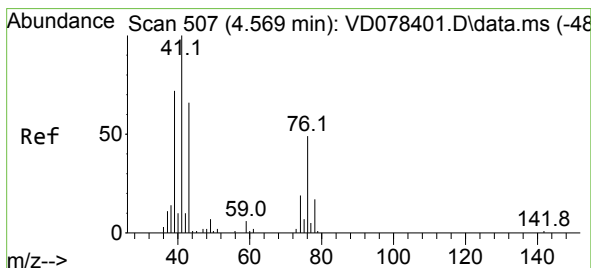
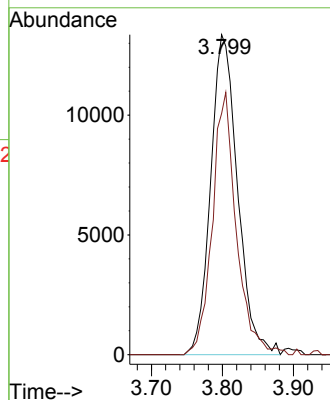
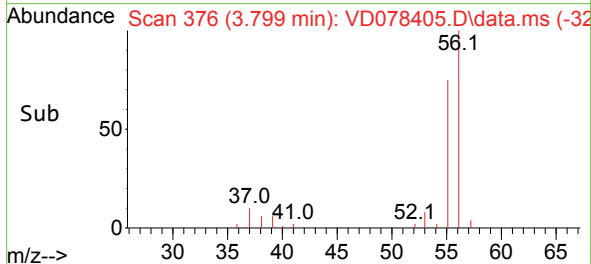


#13
Acrolein
Concen: 217.321 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Instrument :
MSVOA_D
ClientSampleId :

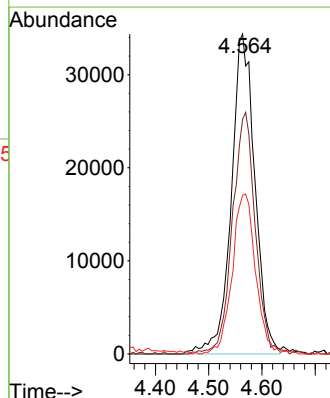
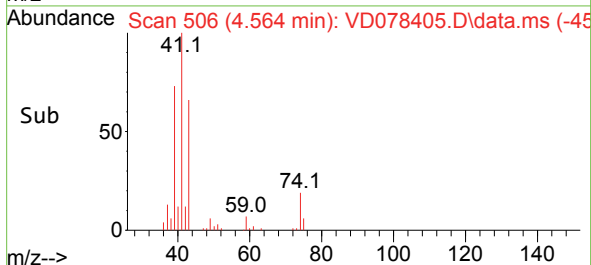
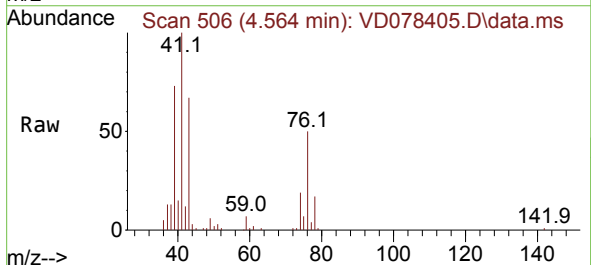


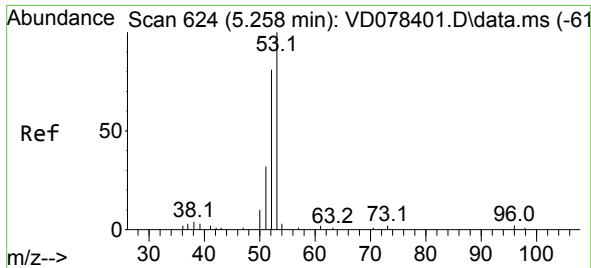
Tgt Ion: 56 Resp: 35170
Ion Ratio Lower Upper
56 100
55 73.1 55.1 82.7



#14
Allyl chloride
Concen: 48.448 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion: 41 Resp: 105709
Ion Ratio Lower Upper
41 100
39 73.2 53.8 80.6
76 49.4 45.8 68.8

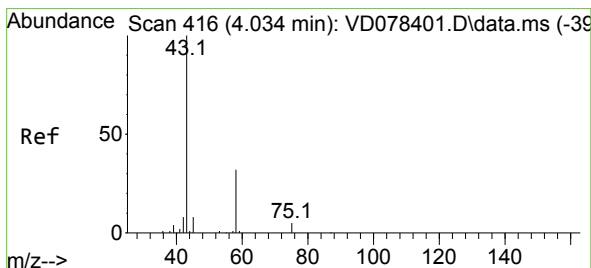
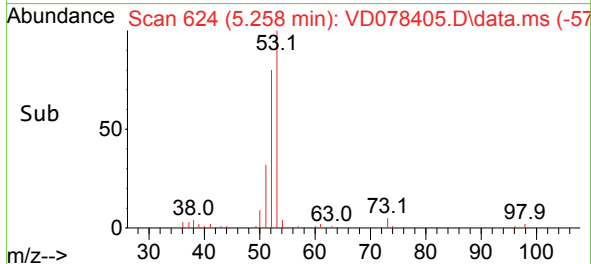
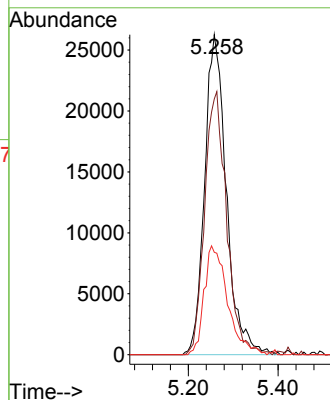
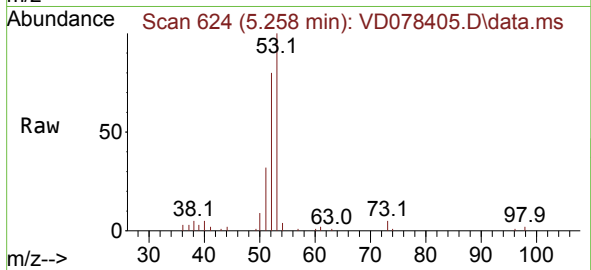




#15
Acrylonitrile
Concen: 237.660 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

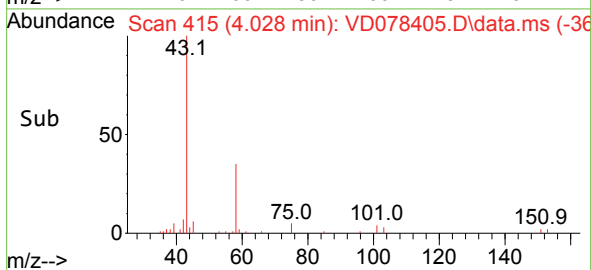
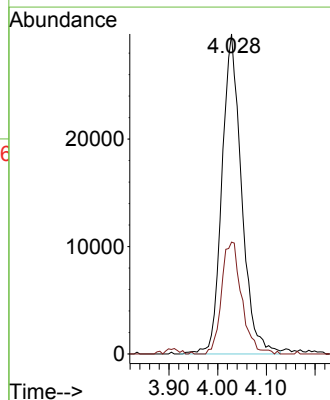
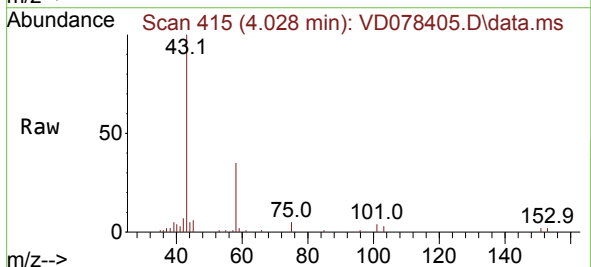
Instrument :
MSVOA_D
ClientSampleId :

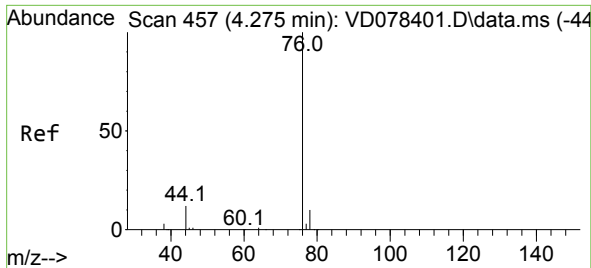
Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.0	97.4
51	36.7	28.3	42.5



#16
Acetone
Concen: 248.160 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.0	34.7	52.1

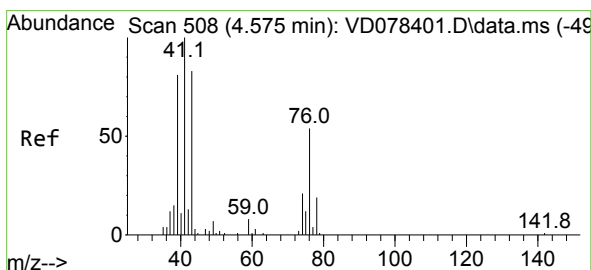
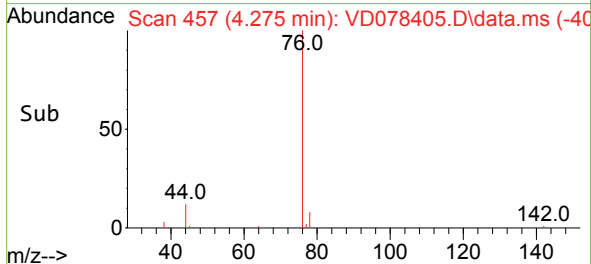
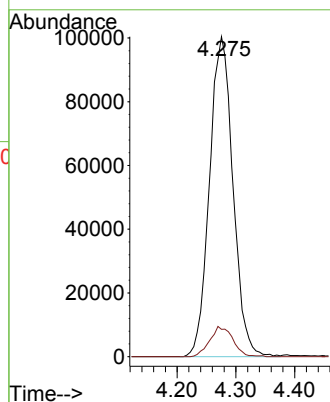
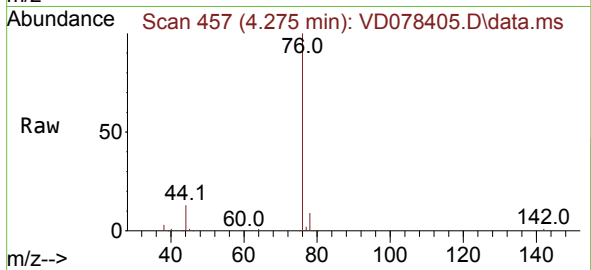




#17
Carbon Disulfide
Concen: 46.849 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

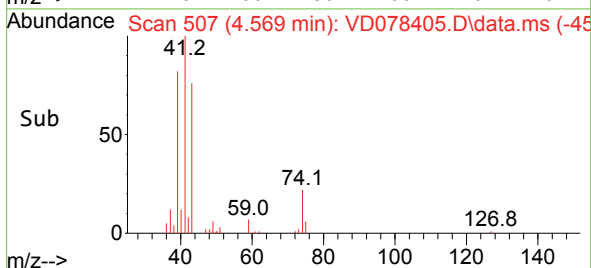
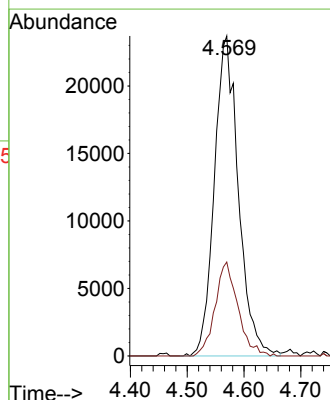
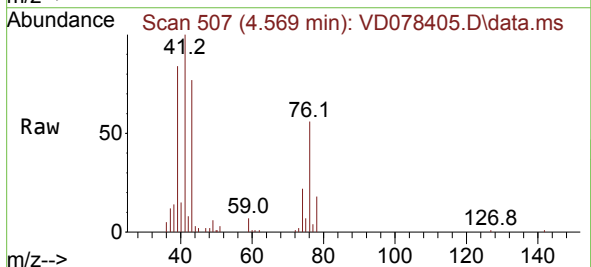
Instrument :
MSVOA_D
ClientSampleId :

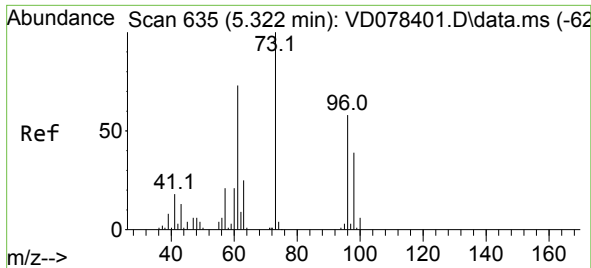
Tgt Ion: 76 Resp: 278427
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 54.489 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion: 43 Resp: 69718
Ion Ratio Lower Upper
43 100
74 27.9 26.4 39.6

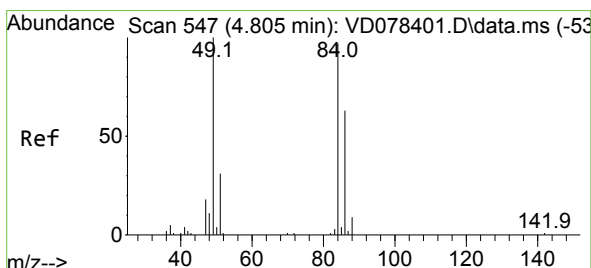
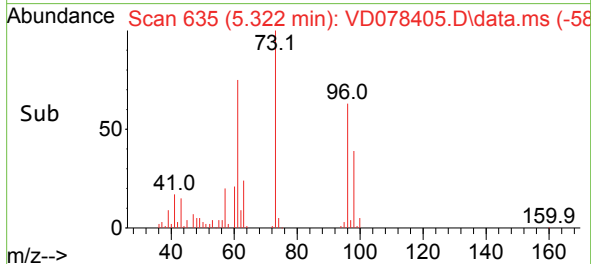
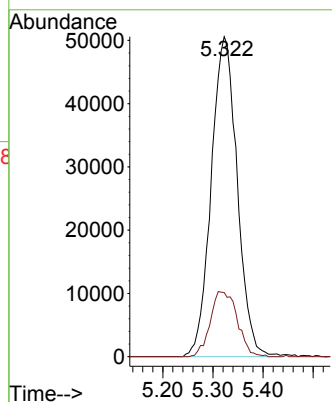
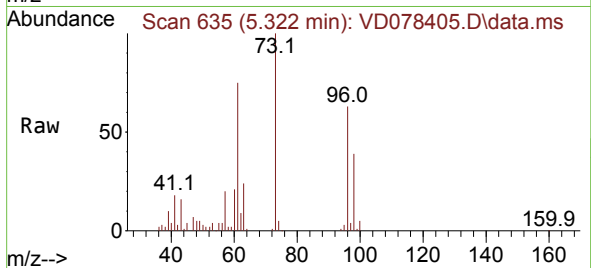




#19
Methyl tert-butyl Ether
Concen: 48.542 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

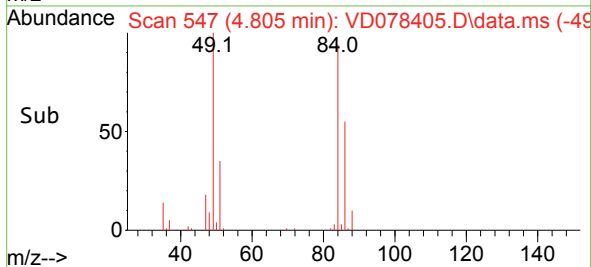
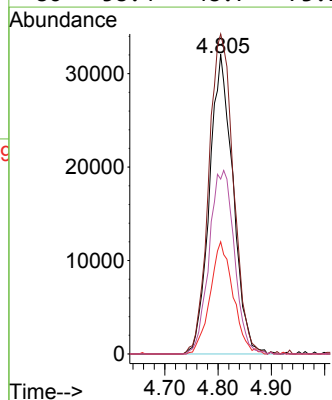
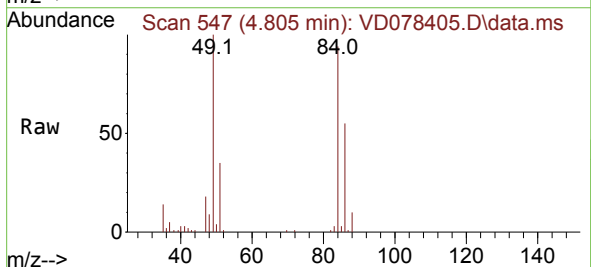
Instrument :
MSVOA_D
ClientSampleId :

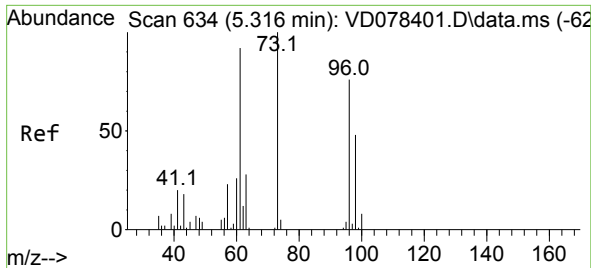
Tgt Ion: 73 Resp: 182153
Ion Ratio Lower Upper
73 100
57 20.1 16.6 25.0



#20
Methylene Chloride
Concen: 49.539 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion: 84 Resp: 98363
Ion Ratio Lower Upper
84 100
49 106.8 71.4 107.2
51 37.4 24.5 36.7#
86 58.4 48.7 73.1

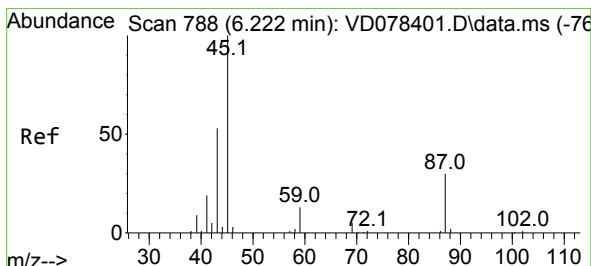
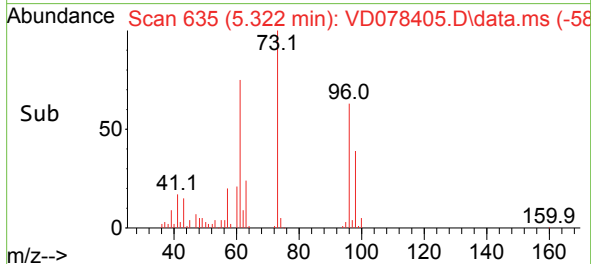
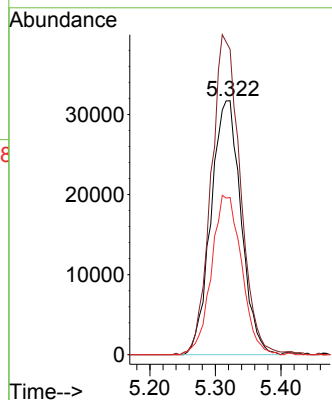
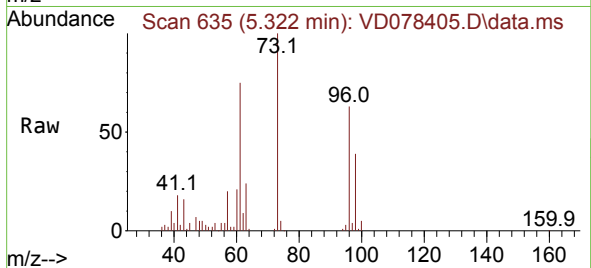




#21
trans-1,2-Dichloroethene
Concen: 48.550 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

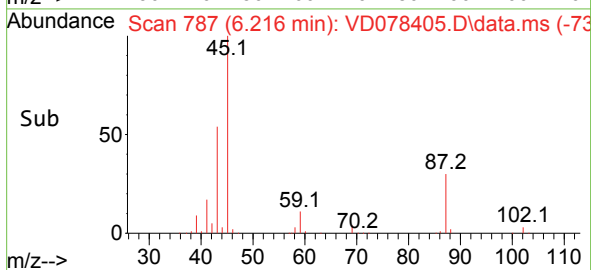
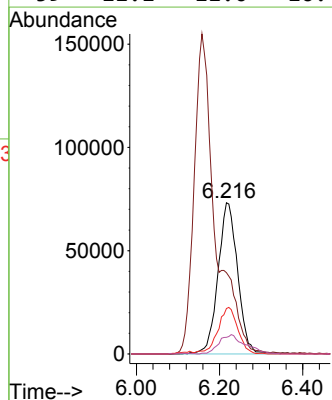
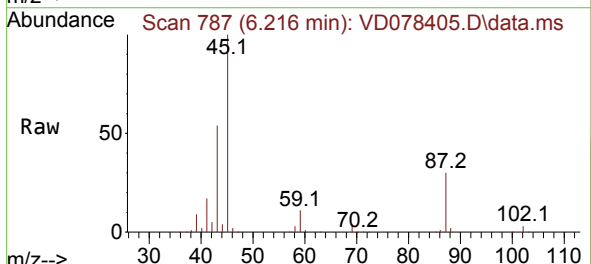
Instrument :
MSVOA_D
ClientSampleId :

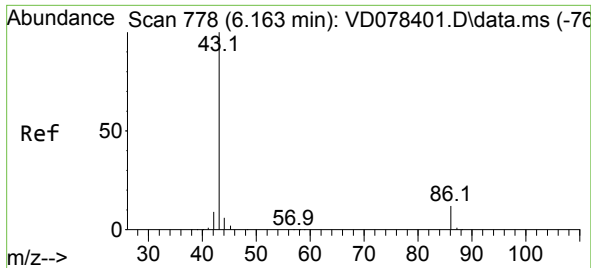
Tgt Ion: 96 Resp: 100875
Ion Ratio Lower Upper
96 100
61 120.3 89.3 133.9
98 61.9 48.6 73.0



#22
Diisopropyl ether
Concen: 49.810 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

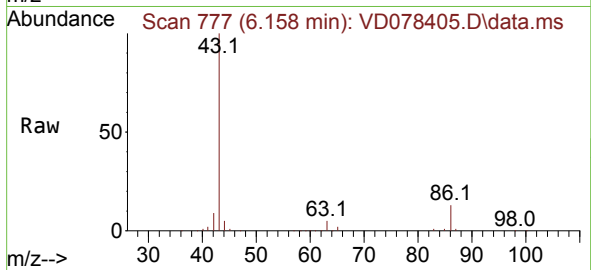
Tgt Ion: 45 Resp: 239536
Ion Ratio Lower Upper
45 100
43 53.0 40.0 60.0
87 30.1 28.2 42.4
59 11.1 11.0 16.4



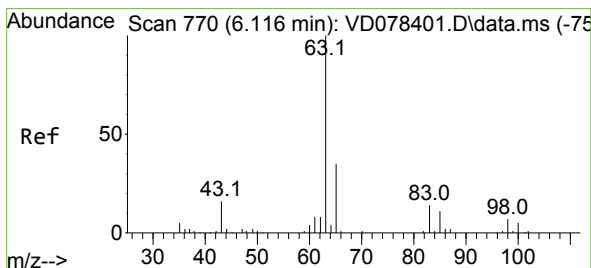
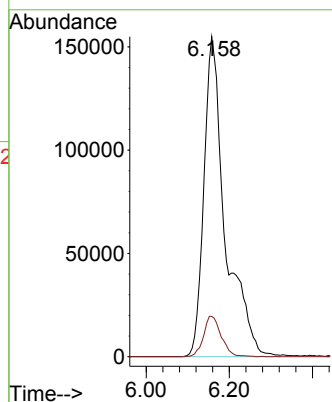
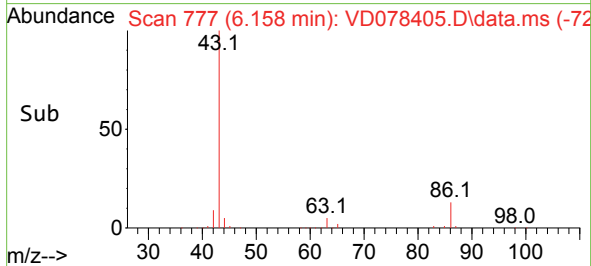


#23
 Vinyl Acetate
 Concen: 282.046 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.005 min
 Lab File: VD078405.D
 Acq: 13 Feb 2024 16:23

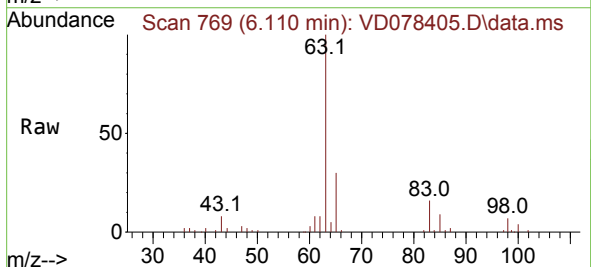
Instrument :
 MSVOA_D
 ClientSampleId :



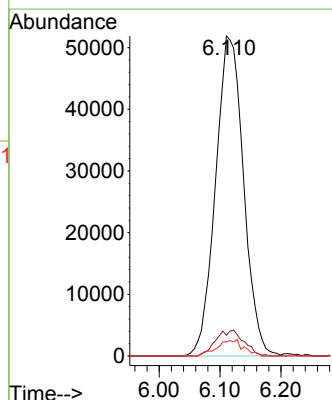
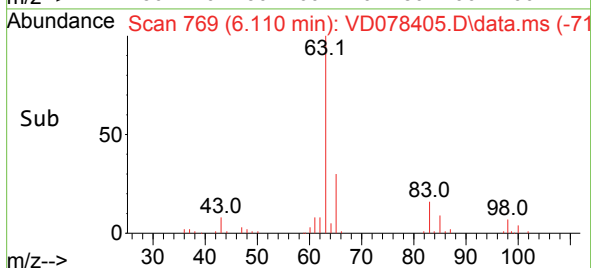
Tgt Ion: 43 Resp: 552365
 Ion Ratio Lower Upper
 43 100
 86 12.6 12.5 18.7

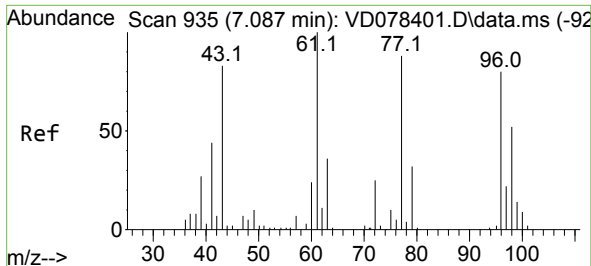


#24
 1,1-Dichloroethane
 Concen: 48.652 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078405.D
 Acq: 13 Feb 2024 16:23



Tgt Ion: 63 Resp: 165745
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.5 13.7
 100 4.4 2.5 7.5

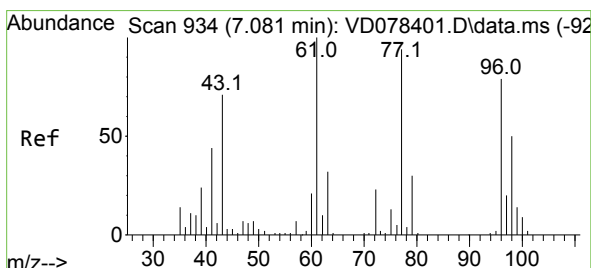
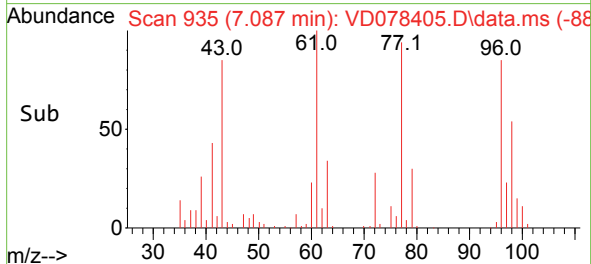
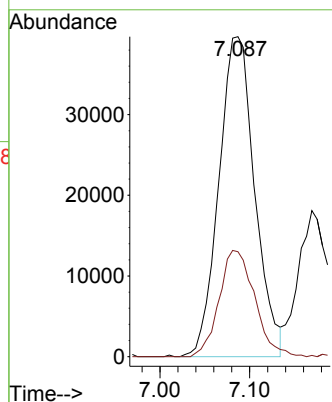
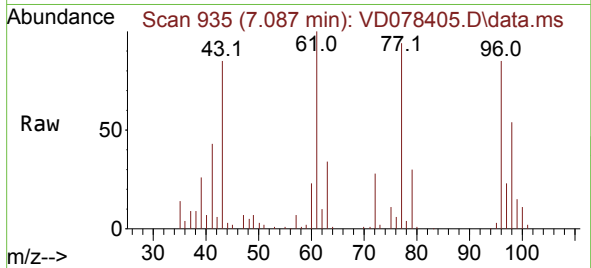




#25
2-Butanone
Concen: 248.070 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

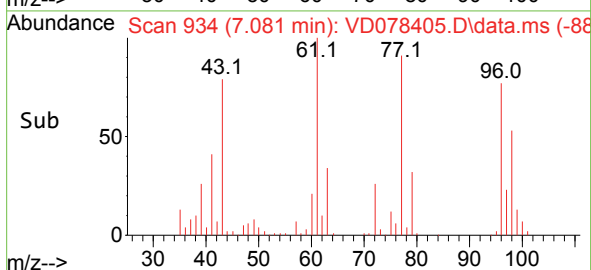
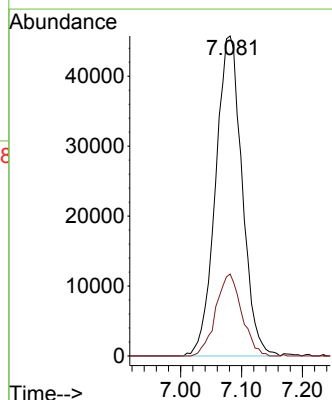
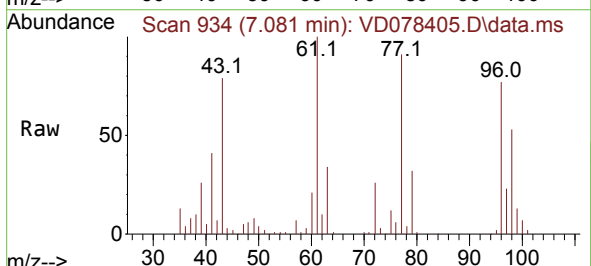
Instrument :
MSVOA_D
ClientSampleId :

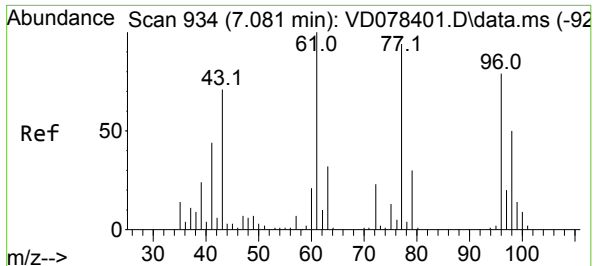
Tgt Ion: 43 Resp: 110156
Ion Ratio Lower Upper
43 100
72 32.8 30.7 46.1



#26
2,2-Dichloropropane
Concen: 48.393 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion: 77 Resp: 138205
Ion Ratio Lower Upper
77 100
97 25.1 13.2 39.6

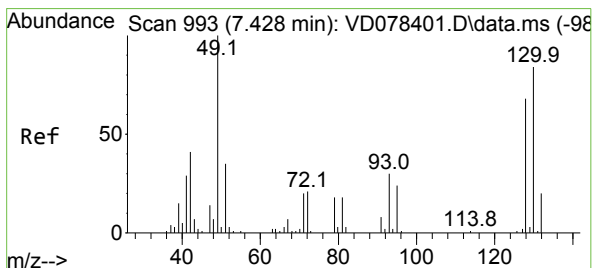
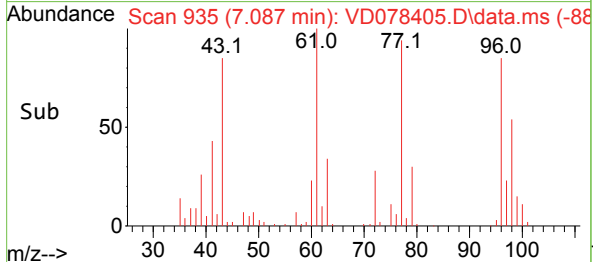
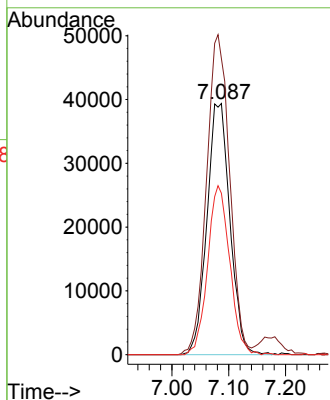
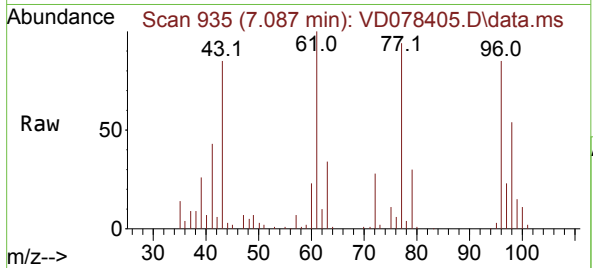




#27
 cis-1,2-Dichloroethene
 Concen: 48.689 ug/l
 RT: 7.087 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VD078405.D
 Acq: 13 Feb 2024 16:23

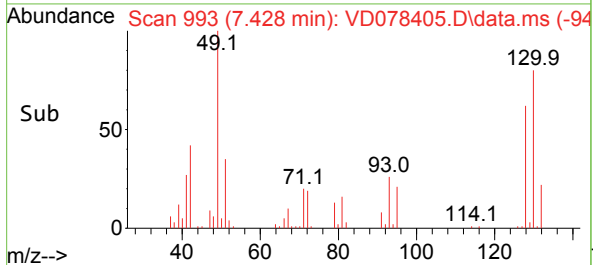
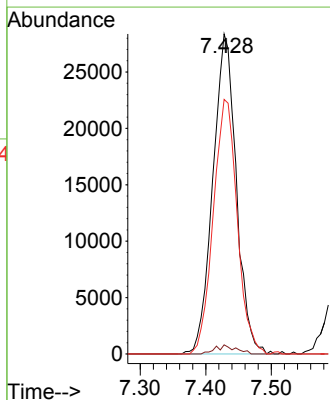
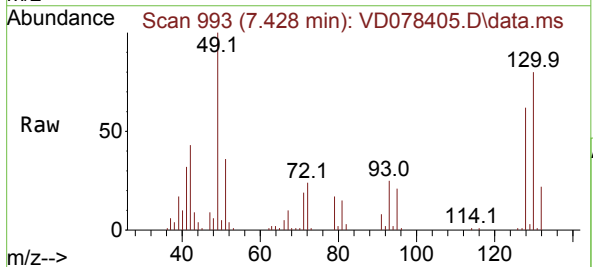
Instrument :
 MSVOA_D
 ClientSampleId :

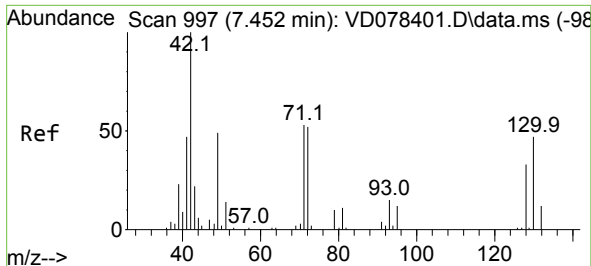
Tgt Ion: 96 Resp: 110991
 Ion Ratio Lower Upper
 96 100
 61 127.8 0.0 239.2
 98 64.4 0.0 128.6



#28
 Bromochloromethane
 Concen: 52.179 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078405.D
 Acq: 13 Feb 2024 16:23

Tgt Ion: 49 Resp: 70406
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 6.0
 130 81.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 249.726 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

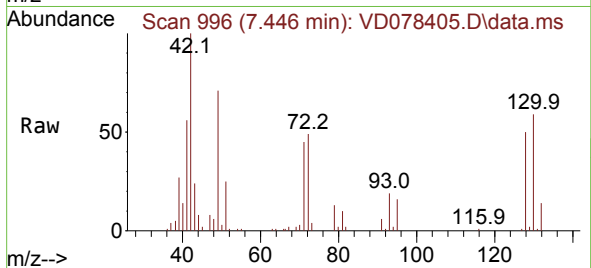
Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

Instrument :

MSVOA_D

ClientSampleId :



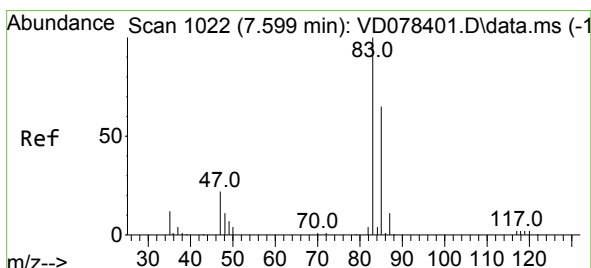
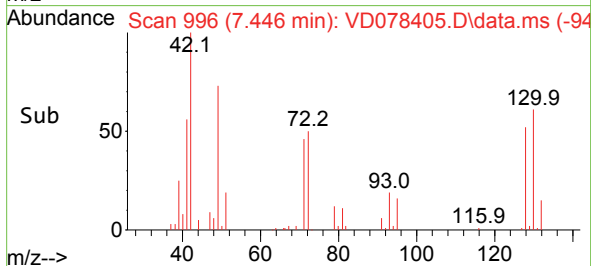
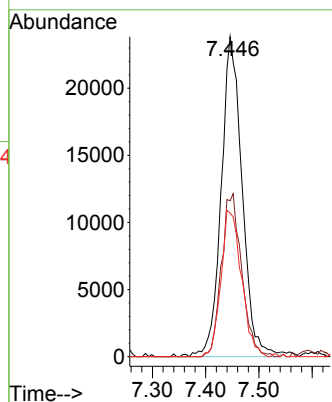
Tgt Ion: 42 Resp: 65058

Ion Ratio Lower Upper

42 100

72 49.4 46.5 69.7

71 44.7 44.5 66.7



#30

Chloroform

Concen: 46.817 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078405.D

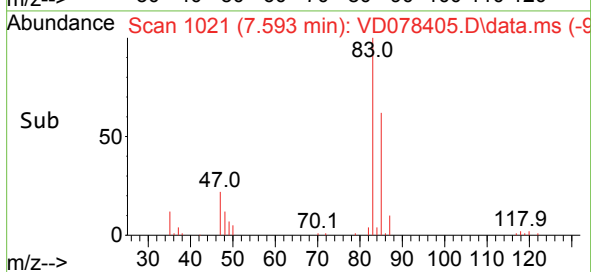
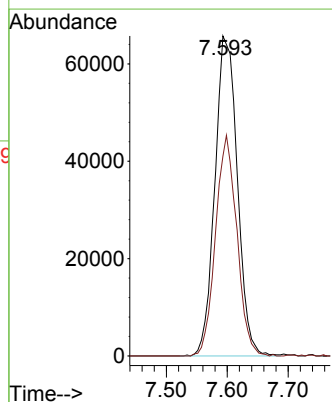
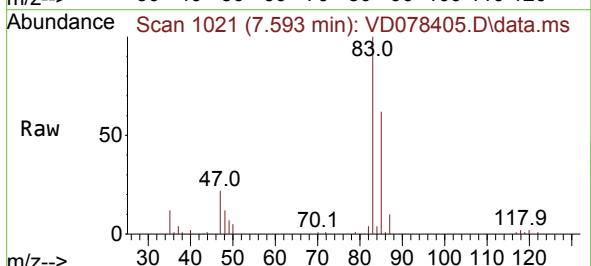
Acq: 13 Feb 2024 16:23

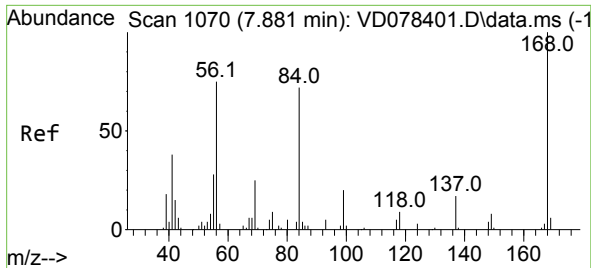
Tgt Ion: 83 Resp: 168751

Ion Ratio Lower Upper

83 100

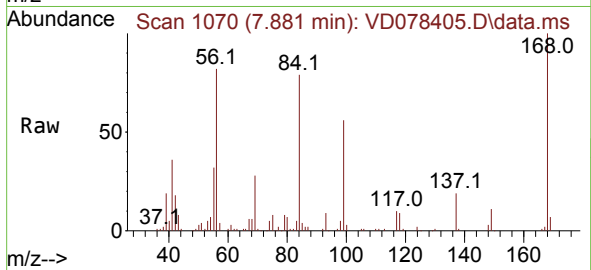
85 62.4 53.4 80.2



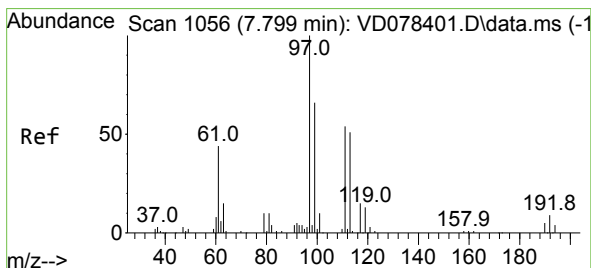
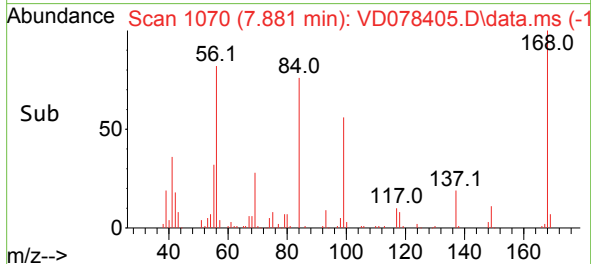
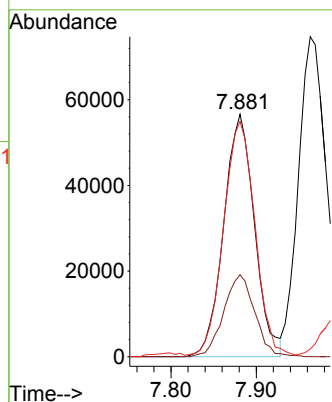


#31
Cyclohexane
Concen: 47.953 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Instrument :
MSVOA_D
ClientSampleId :

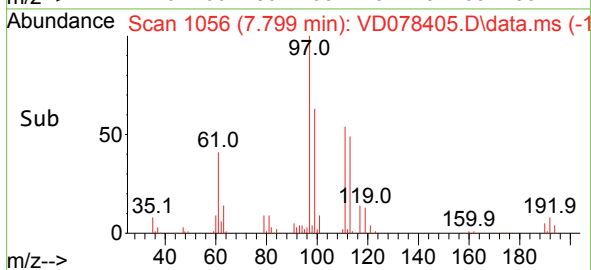
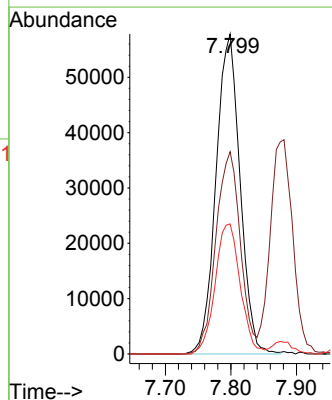
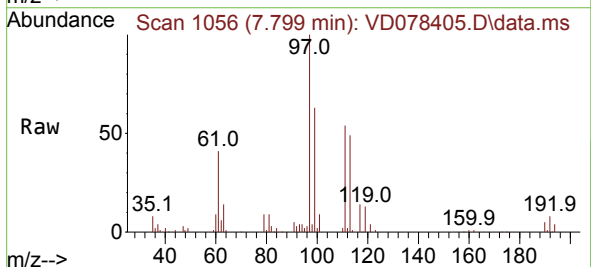


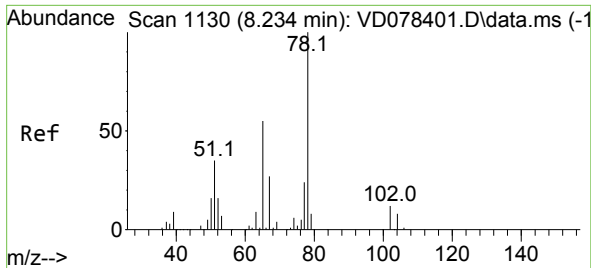
Tgt Ion: 56 Resp: 142099
Ion Ratio Lower Upper
56 100
69 33.8 28.6 43.0
84 95.7 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 47.929 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion: 97 Resp: 147292
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 42.4 33.8 50.8

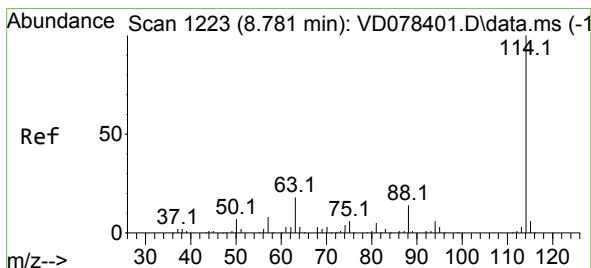
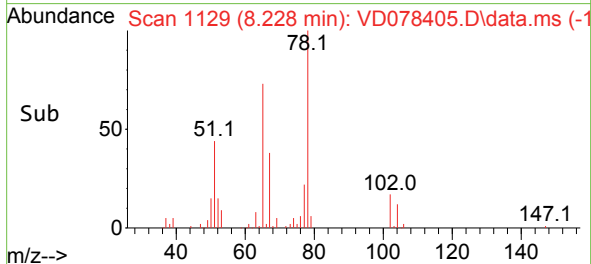
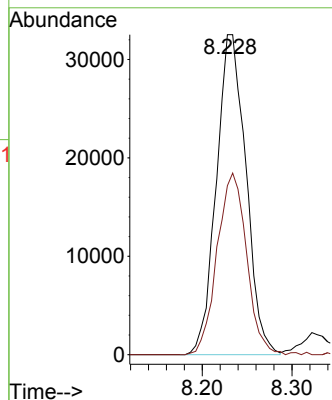
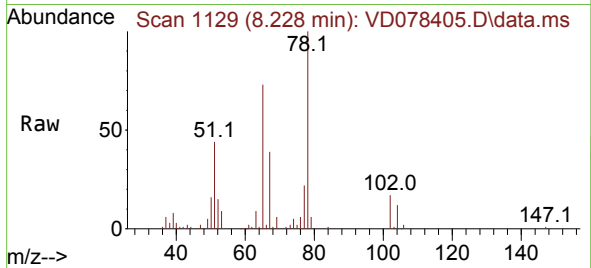




#33
 1,2-Dichloroethane-d4
 Concen: 42.534 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VD078405.D
 Acq: 13 Feb 2024 16:23

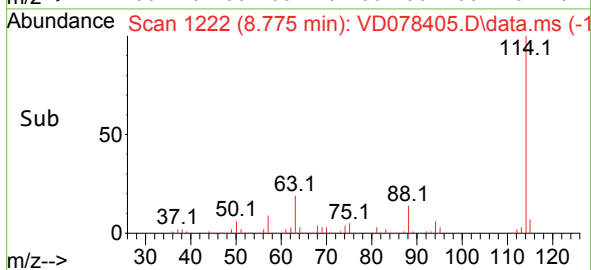
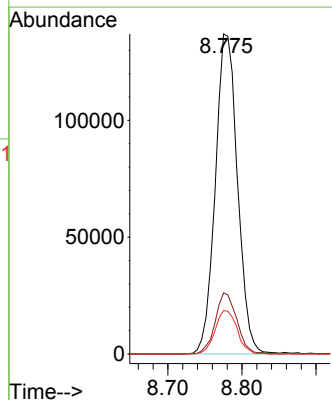
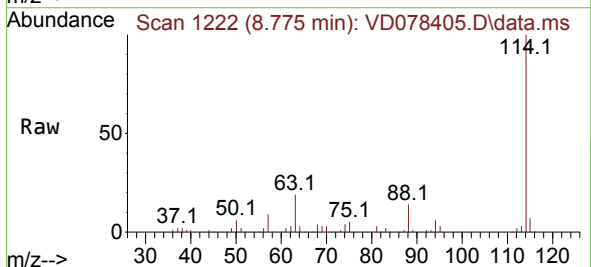
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 65 Resp: 74511
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.006 min
 Lab File: VD078405.D
 Acq: 13 Feb 2024 16:23

Tgt Ion:114 Resp: 285000
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 33.4
 88 13.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 44.476 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078405.D

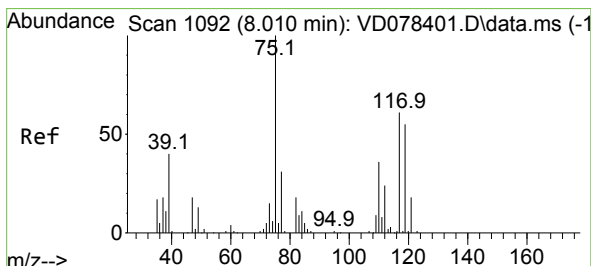
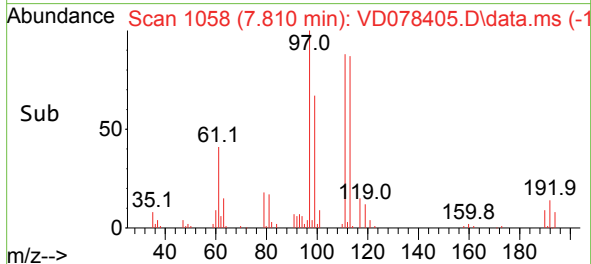
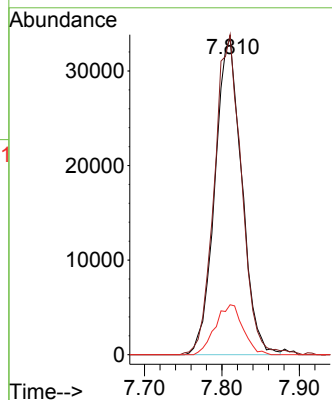
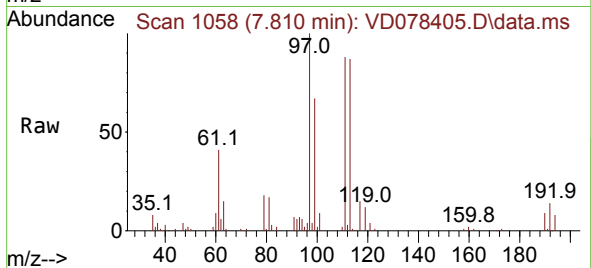
Acq: 13 Feb 2024 16:23

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:113 Resp: 80519
 Ion Ratio Lower Upper
 113 100
 111 102.3 84.7 127.1
 192 16.3 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 48.120 ug/l

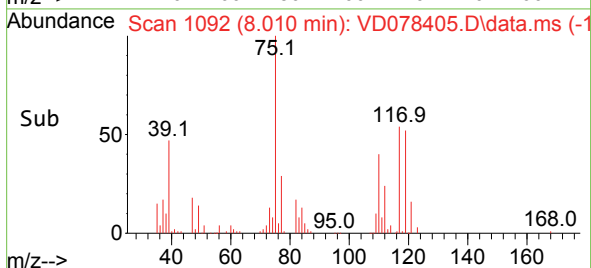
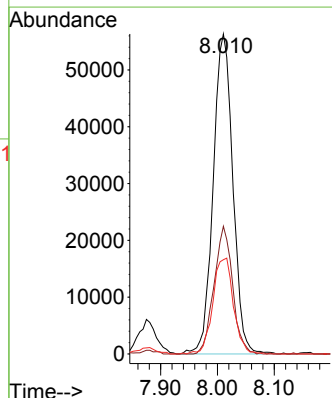
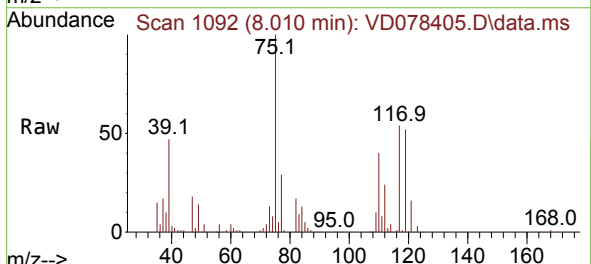
RT: 8.010 min Scan# 1092

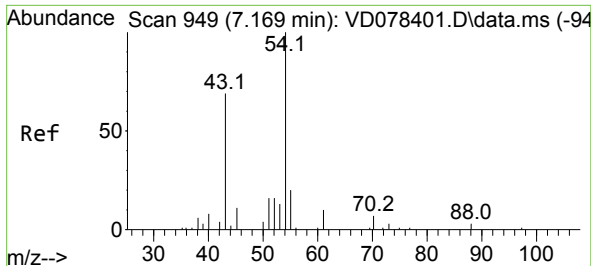
Delta R.T. -0.000 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

Tgt Ion: 75 Resp: 135333
 Ion Ratio Lower Upper
 75 100
 110 37.6 19.9 59.6
 77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 45.003 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD078405.D

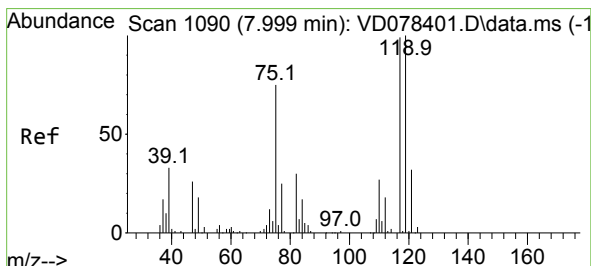
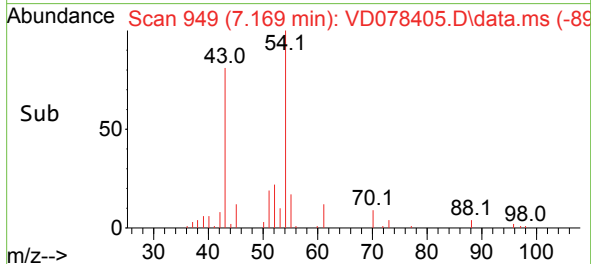
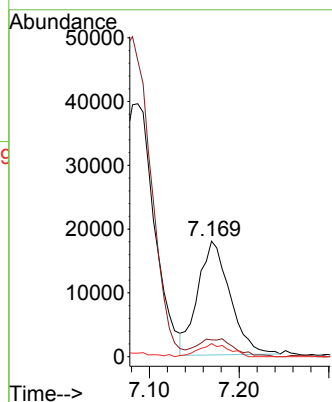
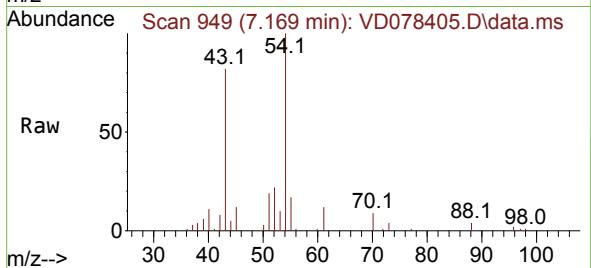
Acq: 13 Feb 2024 16:23

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 44367
Ion Ratio	Lower Upper
43	100
61	18.3 14.9 22.3
70	10.7 10.0 15.0



#38

Carbon Tetrachloride

Concen: 46.722 ug/l

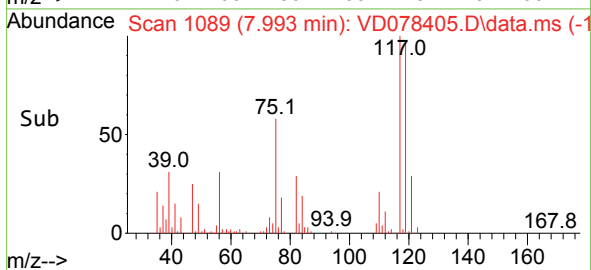
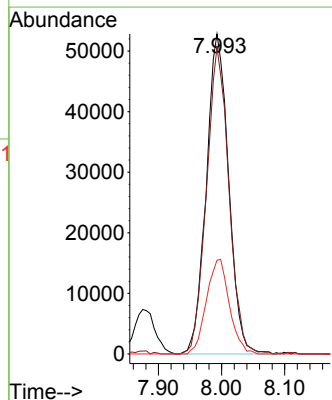
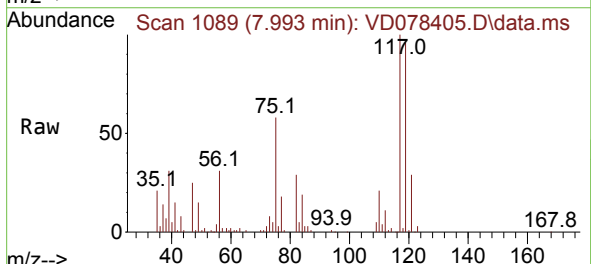
RT: 7.993 min Scan# 1089

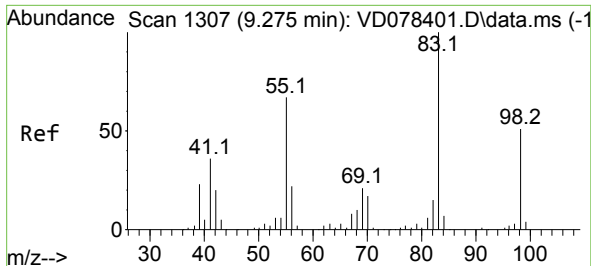
Delta R.T. -0.006 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

Tgt Ion: 117	Resp: 130128
Ion Ratio	Lower Upper
117	100
119	95.9 78.0 117.0
121	29.3 24.2 36.2





#39

Methylcyclohexane

Concen: 50.344 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

Instrument :

MSVOA_D

ClientSampleId :

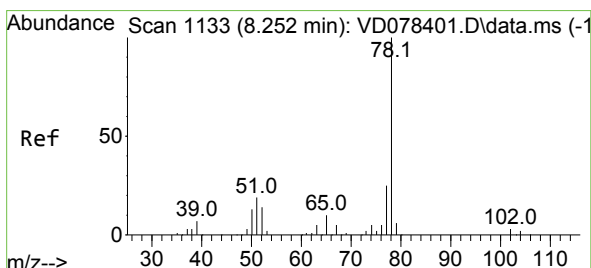
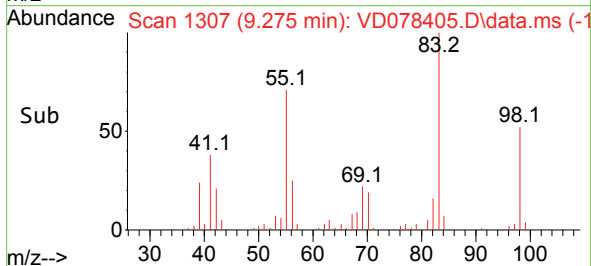
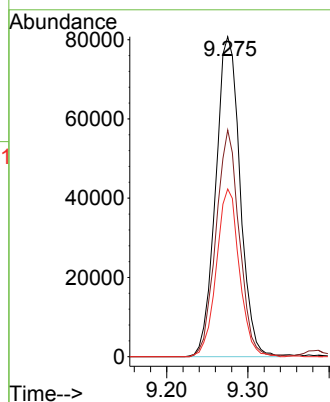
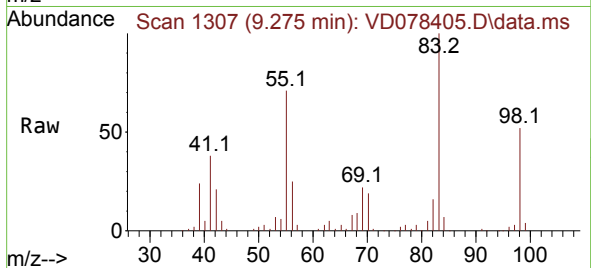
Tgt Ion: 83 Resp: 168087

Ion Ratio Lower Upper

83 100

55 70.9 49.4 74.0

98 52.4 38.4 57.6



#40

Benzene

Concen: 48.275 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078405.D

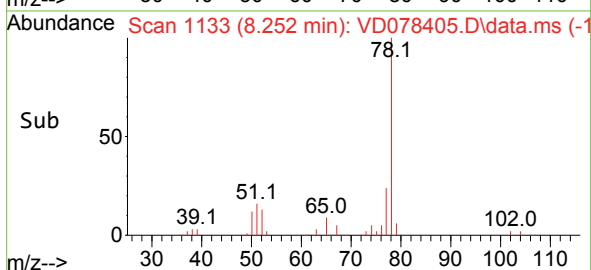
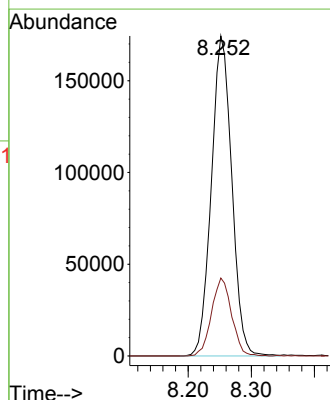
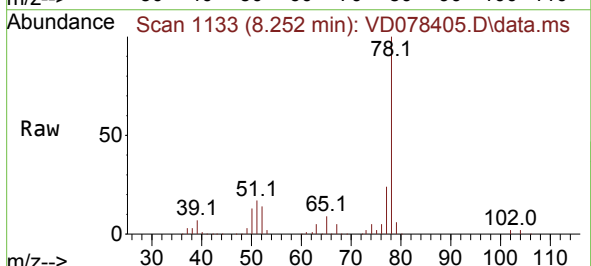
Acq: 13 Feb 2024 16:23

Tgt Ion: 78 Resp: 392429

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0

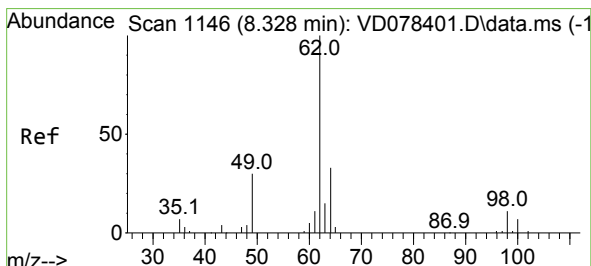
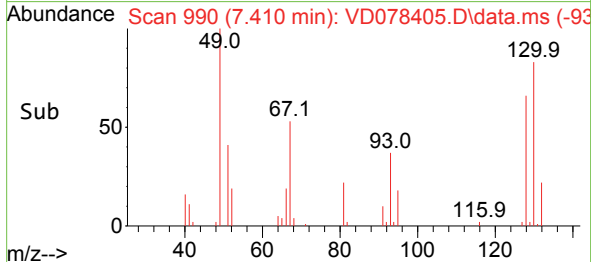
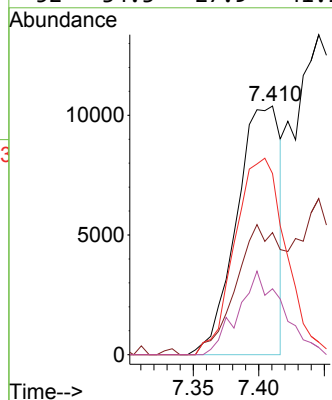
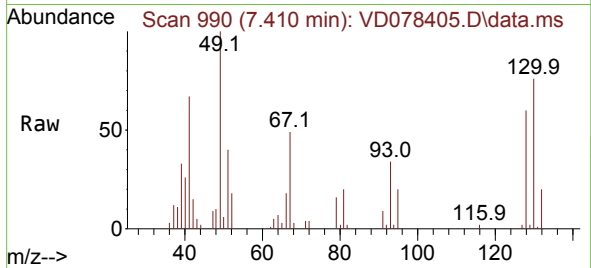




#41
Methacrylonitrile
Concen: 46.802 ug/l
RT: 7.410 min Scan# 989
Delta R.T. 0.006 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

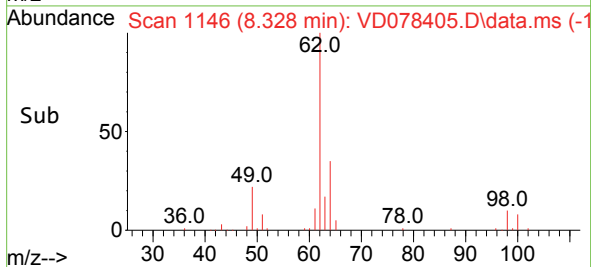
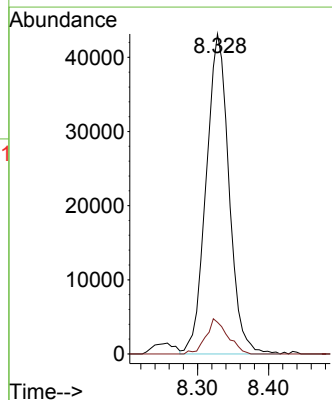
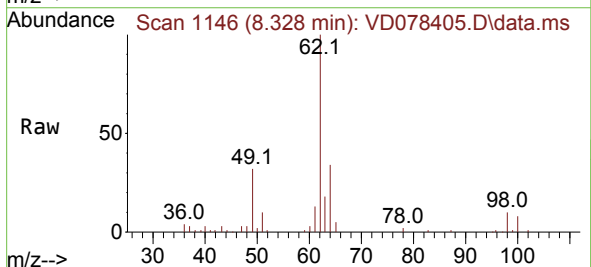
Instrument :
MSVOA_D
ClientSampleId :

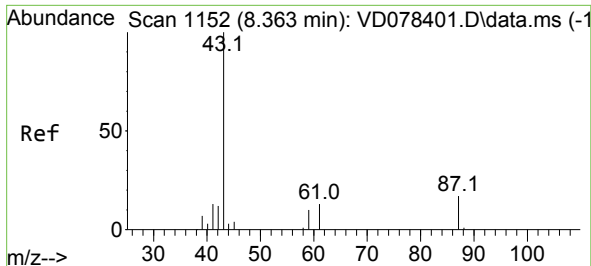
Tgt Ion: 41 Resp: 24013
Ion Ratio Lower Upper
41 100
39 57.1 34.0 51.0#
67 93.2 77.0 115.4
52 34.3 27.9 41.9



#42
1,2-Dichloroethane
Concen: 45.877 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion: 62 Resp: 96497
Ion Ratio Lower Upper
62 100
98 10.4 0.0 25.4

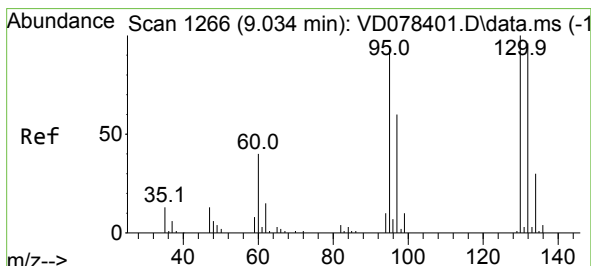
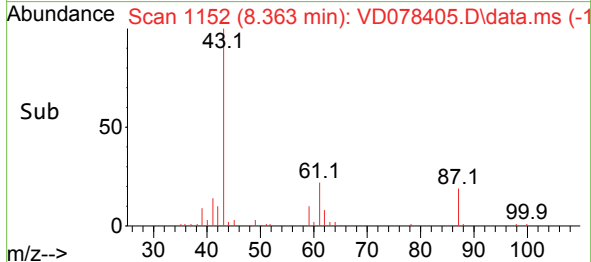
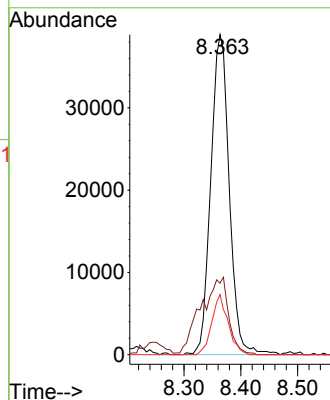
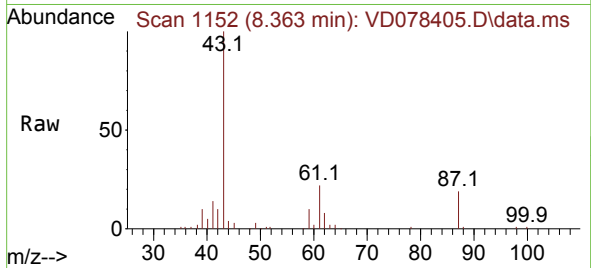




#43
Isopropyl Acetate
Concen: 48.002 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

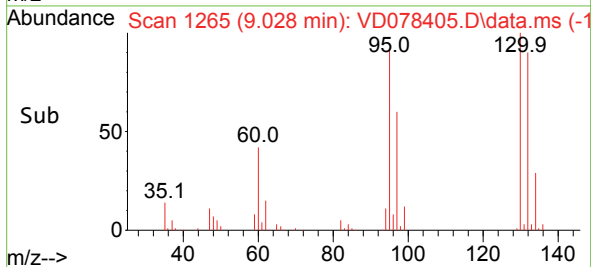
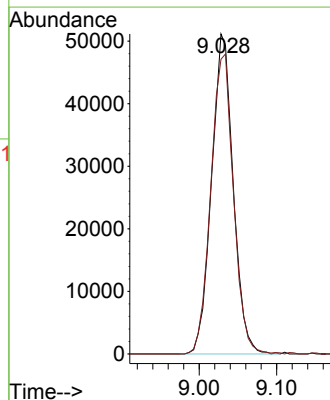
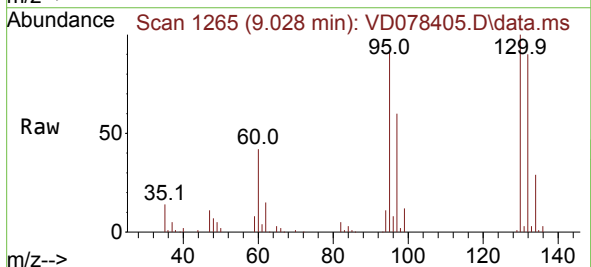
Instrument :
MSVOA_D
ClientSampleId :

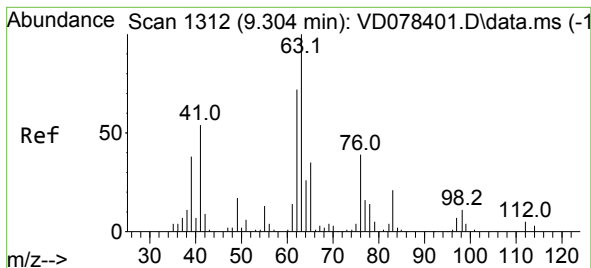
Tgt Ion: 43 Resp: 87632
Ion Ratio Lower Upper
43 100
61 36.6 31.4 47.0
87 16.6 14.9 22.3



#44
Trichloroethene
Concen: 47.824 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion:130 Resp: 99179
Ion Ratio Lower Upper
130 100
95 92.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 47.604 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

Instrument :

MSVOA_D

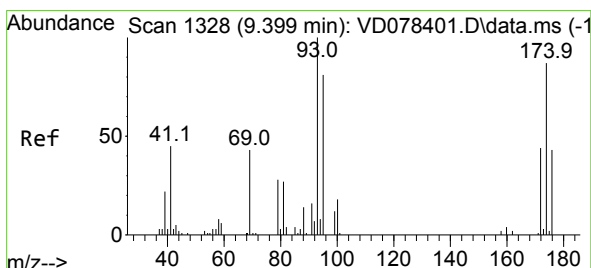
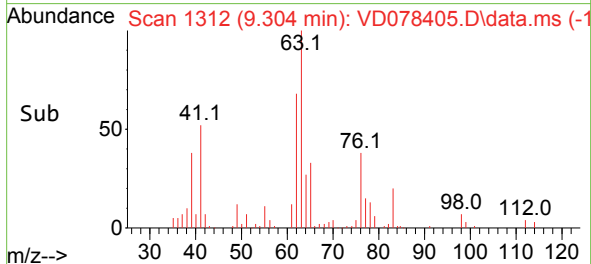
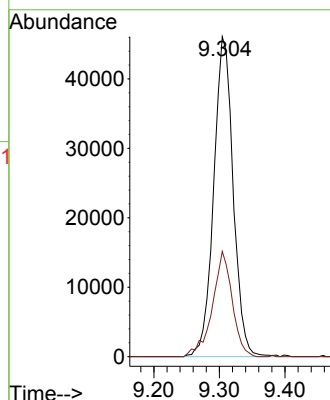
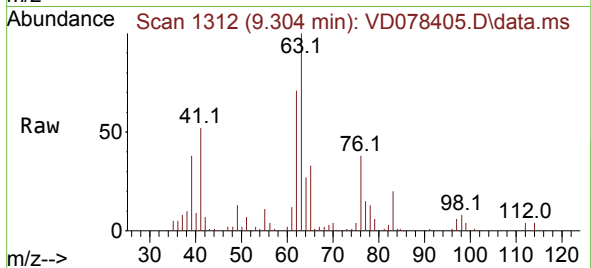
ClientSampleId :

Tgt Ion: 63 Resp: 94945

Ion Ratio Lower Upper

63 100

65 32.9 24.5 36.7



#46

Dibromomethane

Concen: 46.005 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

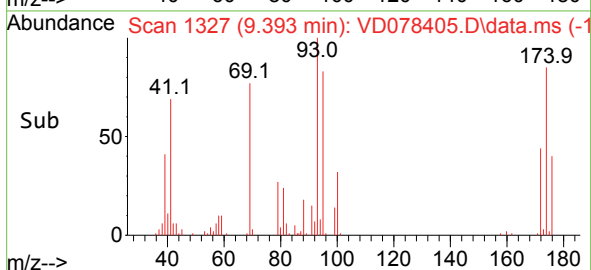
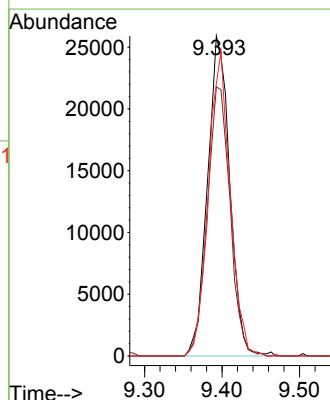
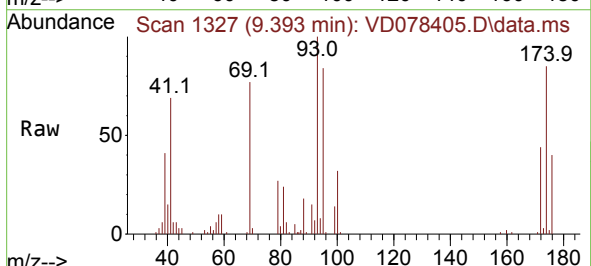
Tgt Ion: 93 Resp: 51610

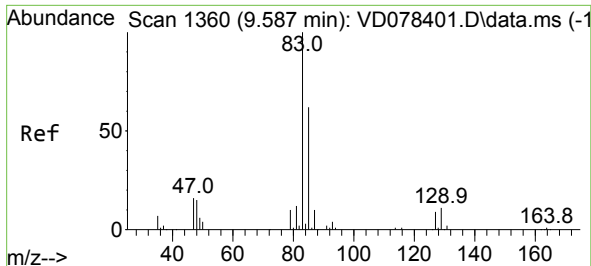
Ion Ratio Lower Upper

93 100

95 86.0 67.7 101.5

174 93.0 85.4 128.2

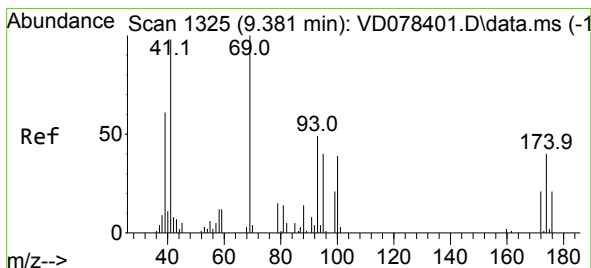
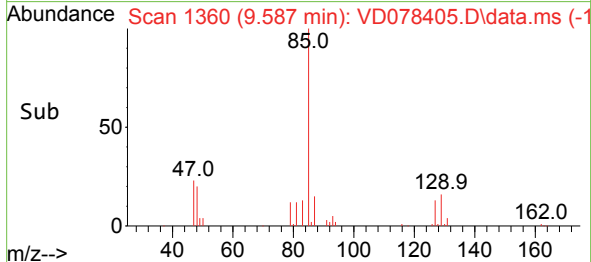
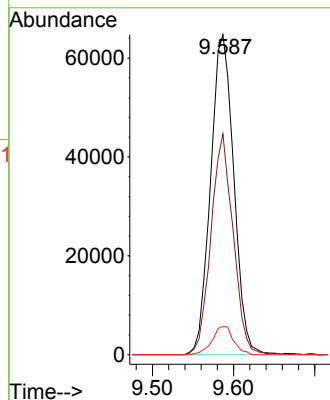
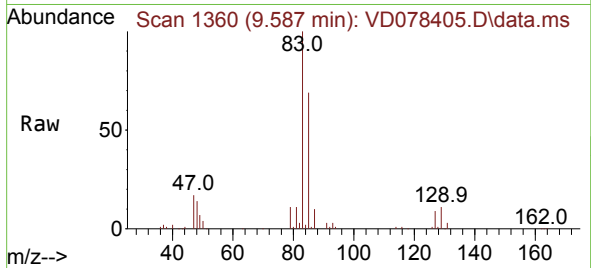




#47
Bromodichloromethane
Concen: 46.225 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

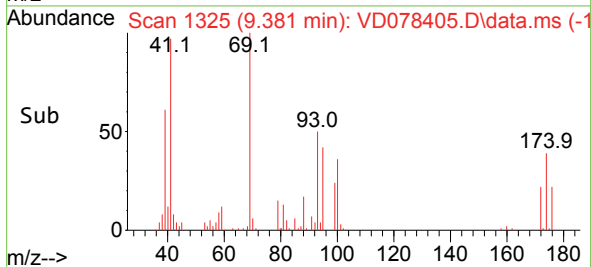
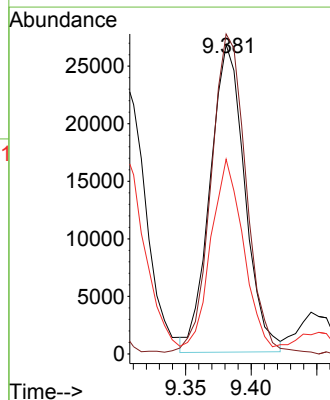
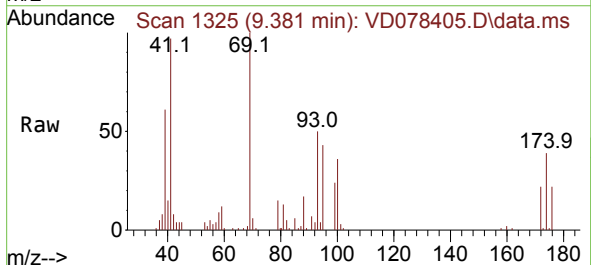
Instrument :
MSVOA_D
ClientSampleId :

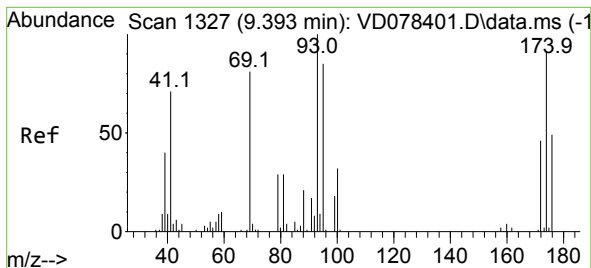
Tgt Ion: 83 Resp: 128442
Ion Ratio Lower Upper
83 100
85 69.0 50.2 75.4
127 8.8 6.3 9.5



#48
Methyl methacrylate
Concen: 50.847 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion: 41 Resp: 49247
Ion Ratio Lower Upper
41 100
69 105.4 102.2 153.2
39 56.8 41.4 62.2





#49

1,4-Dioxane

Concen: 988.142 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.006 min

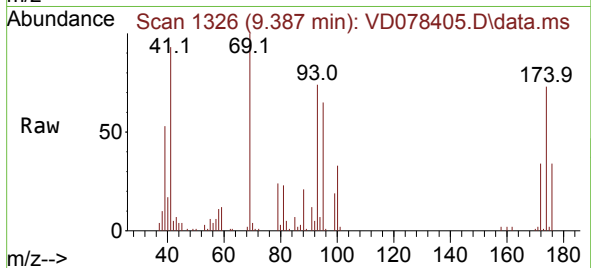
Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

Instrument :

MSVOA_D

ClientSampleId :



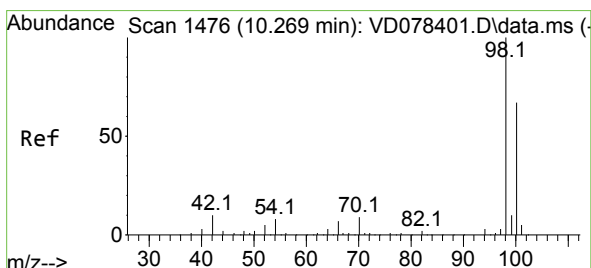
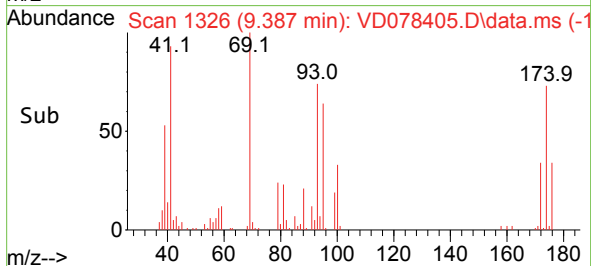
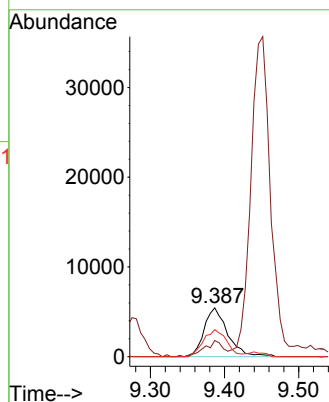
Tgt Ion: 88 Resp: 12005

Ion Ratio Lower Upper

88 100

43 26.2 19.0 28.6

58 54.5 43.5 65.3



#50

Toluene-d8

Concen: 44.081 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078405.D

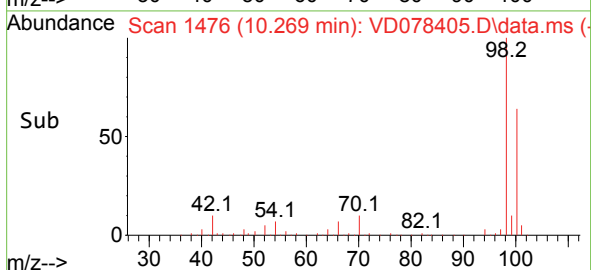
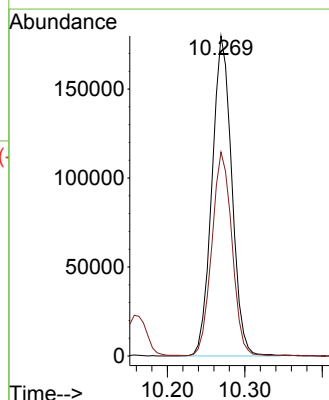
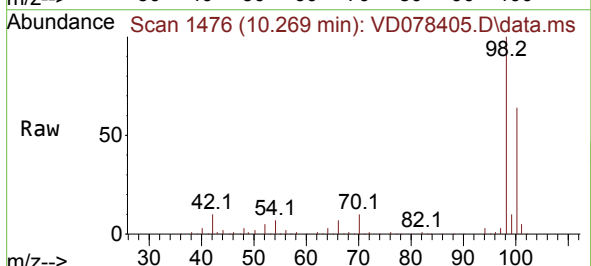
Acq: 13 Feb 2024 16:23

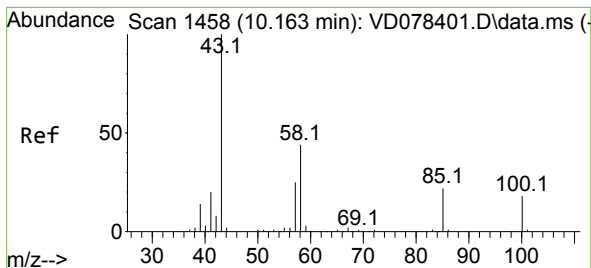
Tgt Ion: 98 Resp: 319229

Ion Ratio Lower Upper

98 100

100 65.0 50.3 75.5

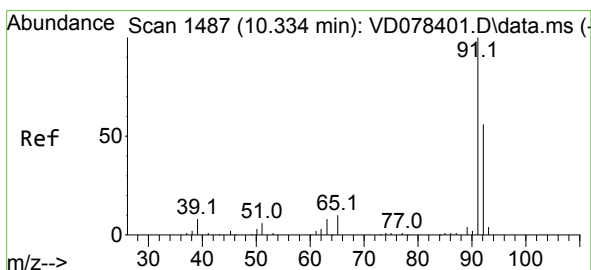
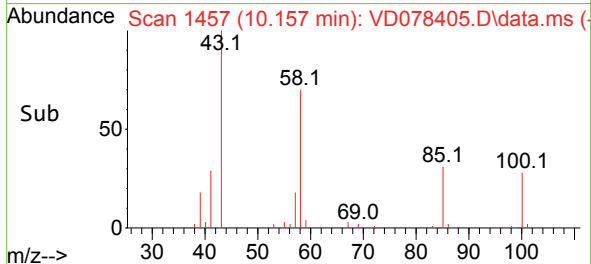
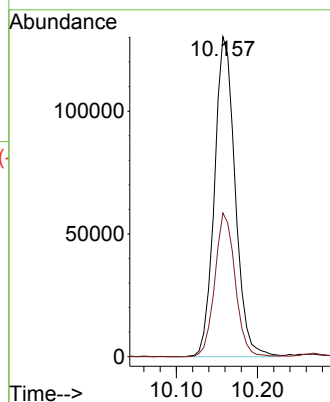
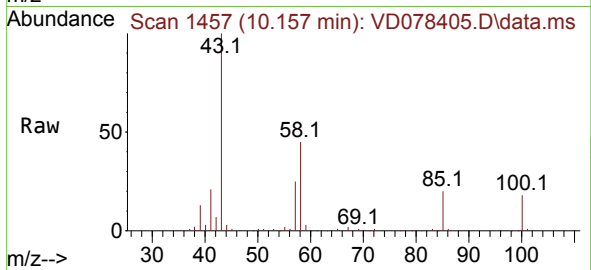




#51
4-Methyl-2-Pentanone
Concen: 238.479 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

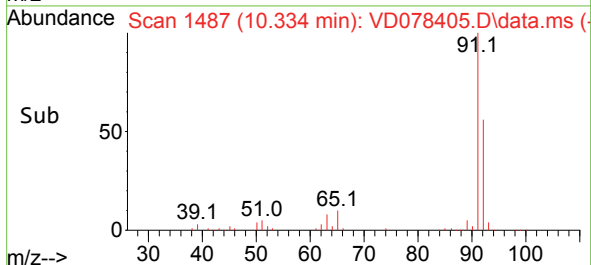
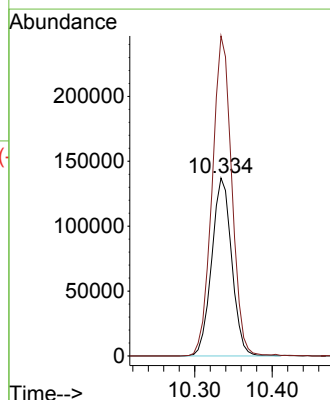
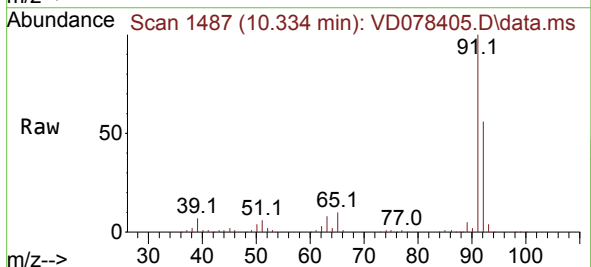
Instrument :
MSVOA_D
ClientSampleId :

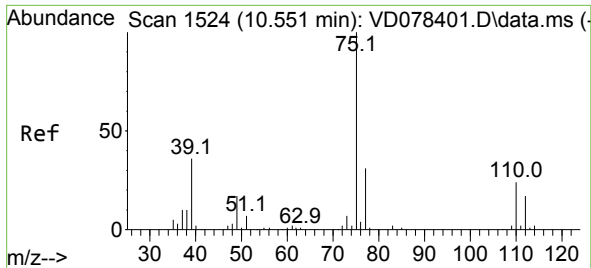
Tgt Ion: 43 Resp: 231068
Ion Ratio Lower Upper
43 100
58 44.2 38.9 58.3



#52
Toluene
Concen: 47.756 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion: 92 Resp: 245495
Ion Ratio Lower Upper
92 100
91 177.2 143.0 214.4

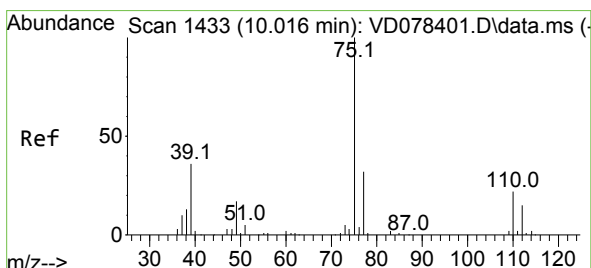
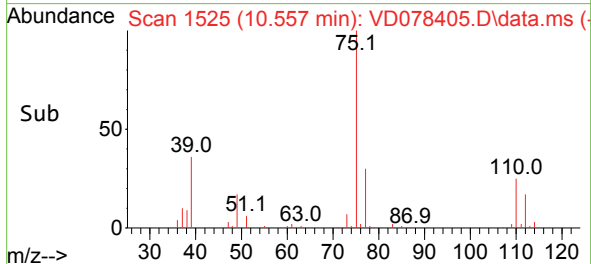
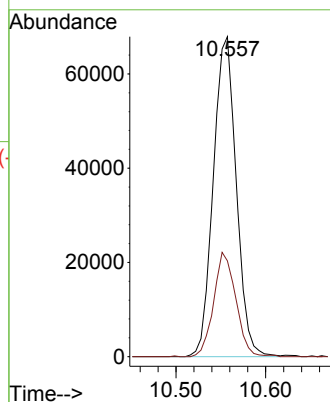
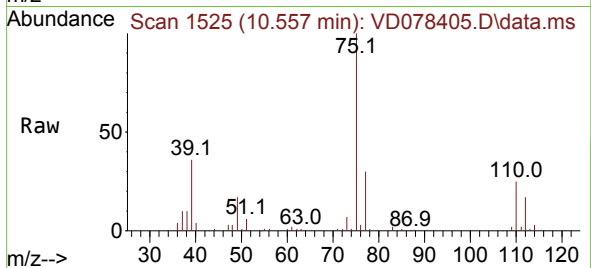




#53
 t-1,3-Dichloropropene
 Concen: 47.601 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD078405.D
 Acq: 13 Feb 2024 16:23

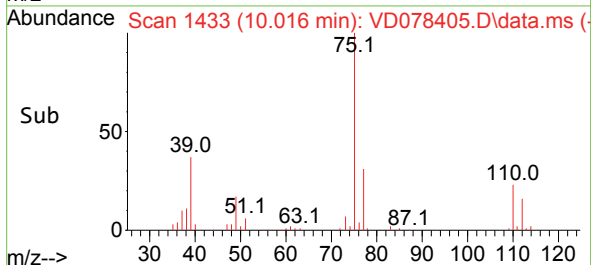
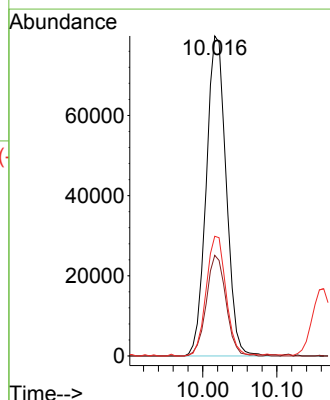
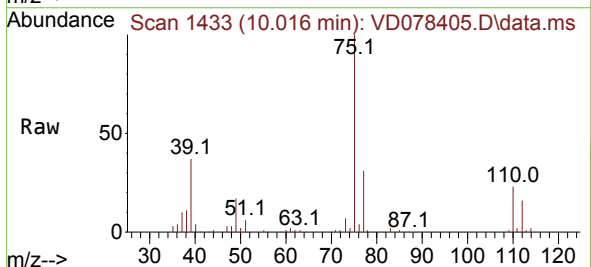
Instrument :
 MSVOA_D
 ClientSampleId :

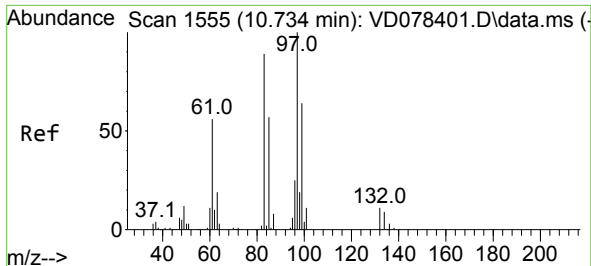
Tgt Ion: 75 Resp: 120688
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 48.452 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078405.D
 Acq: 13 Feb 2024 16:23

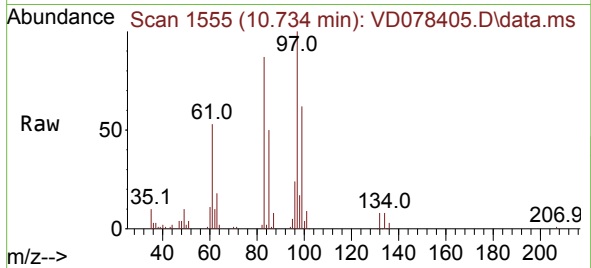
Tgt Ion: 75 Resp: 148959
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3
 39 37.4 22.1 33.1#



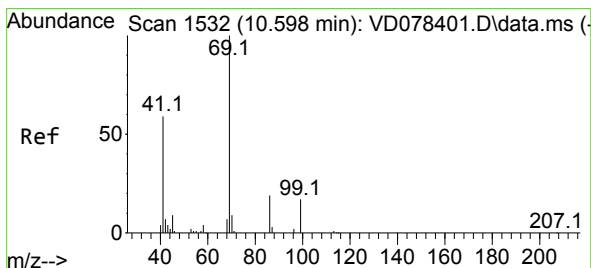
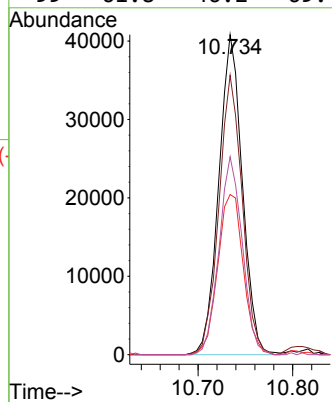
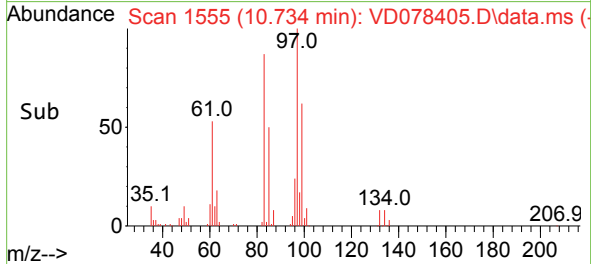


#55
1,1,2-Trichloroethane
Concen: 46.736 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Instrument :
MSVOA_D
ClientSampleId :

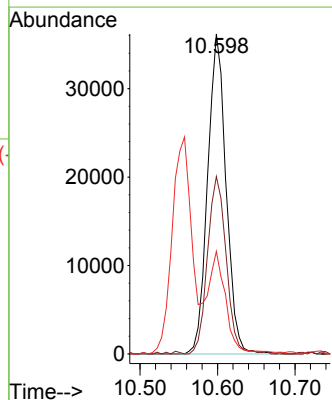
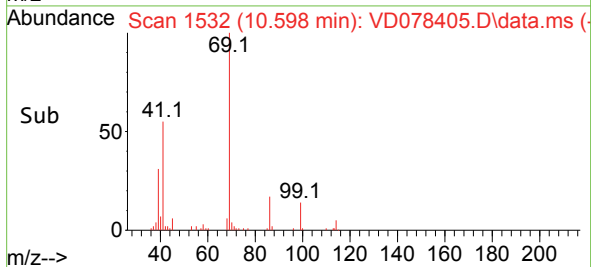
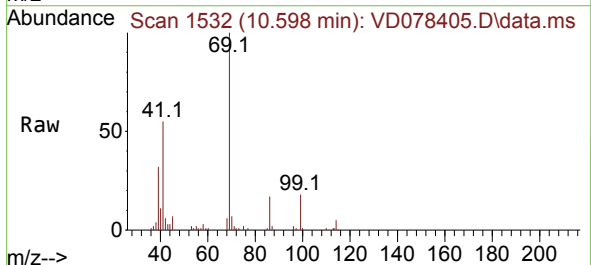


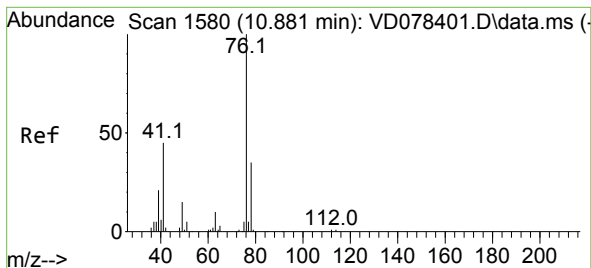
Tgt Ion: 97	Resp: 70607
Ion Ratio	Lower Upper
97 100	
83 87.3	65.8 98.6
85 50.1	45.7 68.5
99 61.8	46.2 69.4



#56
Ethyl methacrylate
Concen: 42.830 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion: 69	Resp: 59844
Ion Ratio	Lower Upper
69 100	
41 56.4	39.1 58.7
39 28.8	20.0 30.0





#57

1,3-Dichloropropane

Concen: 46.058 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

Instrument :

MSVOA_D

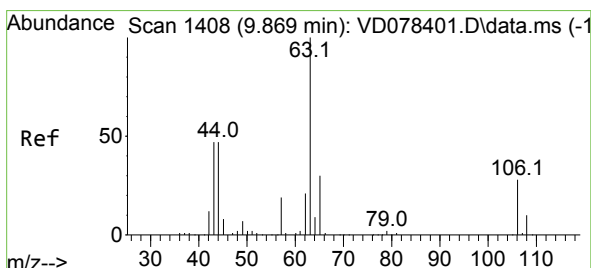
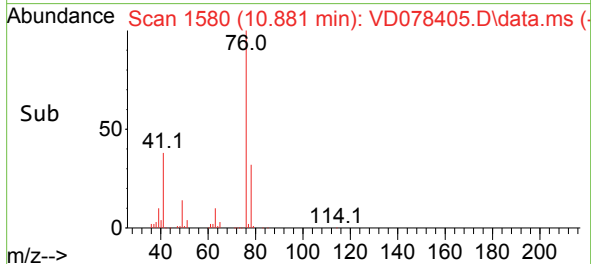
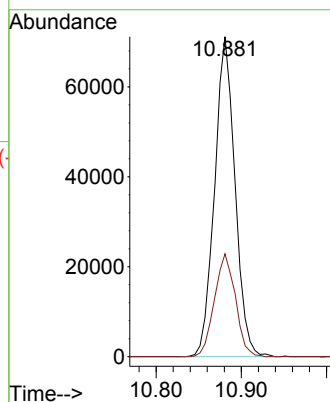
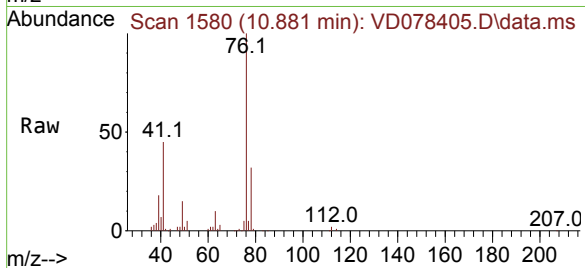
ClientSampleId :

Tgt Ion: 76 Resp: 118365

Ion Ratio Lower Upper

76 100

78 33.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 227.824 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078405.D

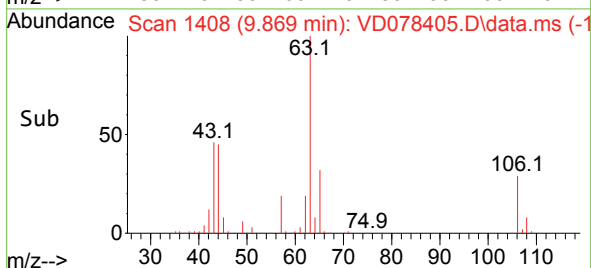
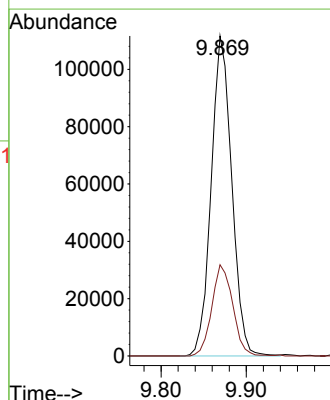
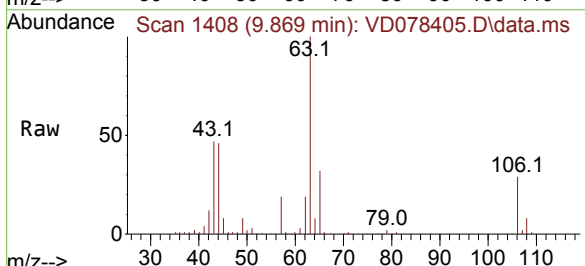
Acq: 13 Feb 2024 16:23

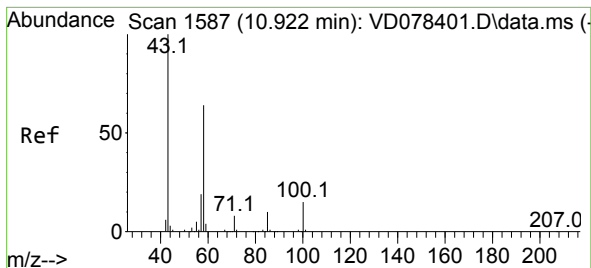
Tgt Ion: 63 Resp: 187507

Ion Ratio Lower Upper

63 100

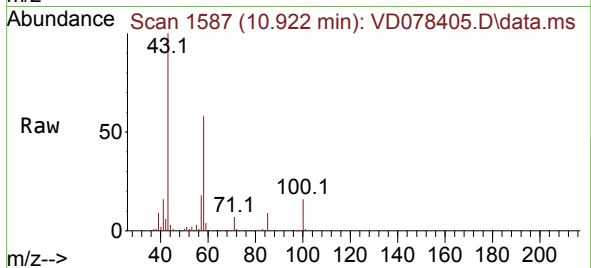
106 29.0 25.3 37.9



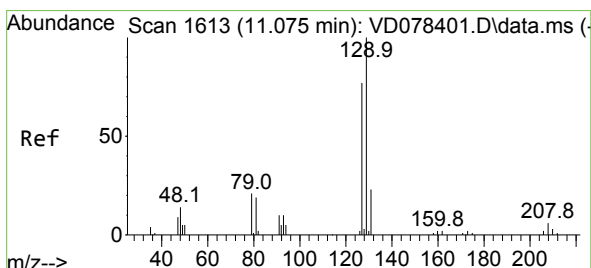
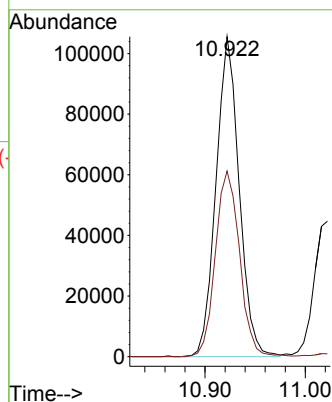
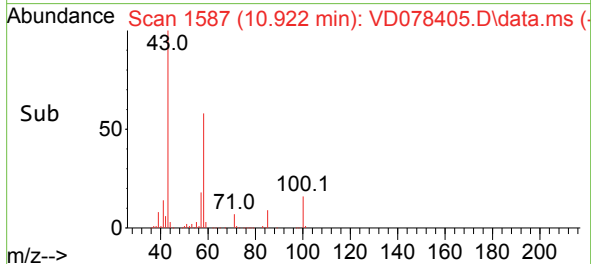


#59
2-Hexanone
Concen: 232.494 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Instrument :
MSVOA_D
ClientSampleId :

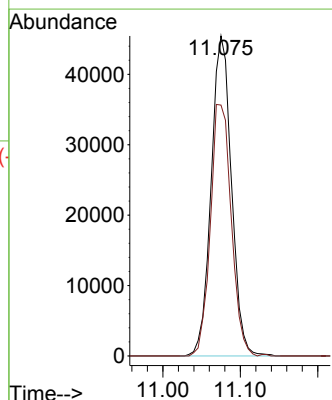
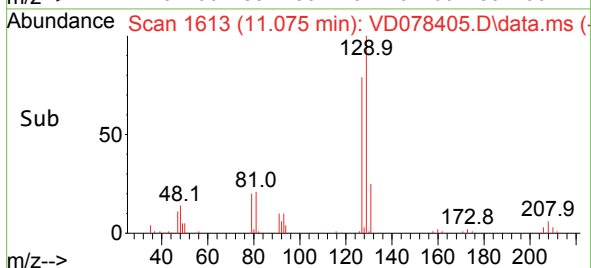
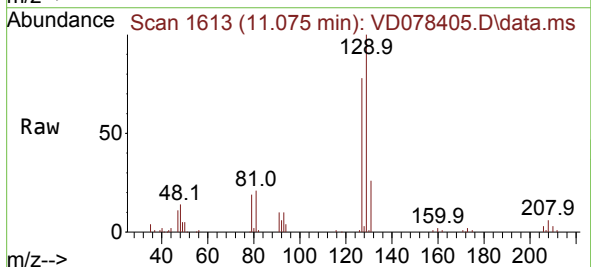


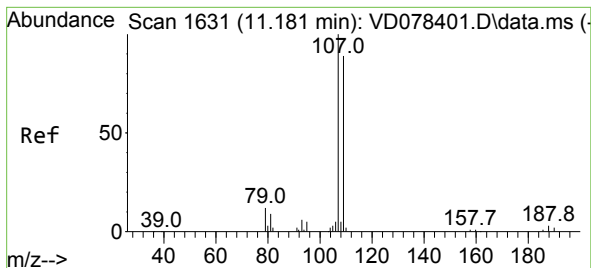
Tgt Ion: 43 Resp: 169292
Ion Ratio Lower Upper
43 100
58 60.6 34.1 102.2



#60
Dibromochloromethane
Concen: 45.476 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion: 129 Resp: 82662
Ion Ratio Lower Upper
129 100
127 80.7 37.1 111.5





#61

1,2-Dibromoethane

Concen: 47.016 ug/l

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

Instrument :

MSVOA_D

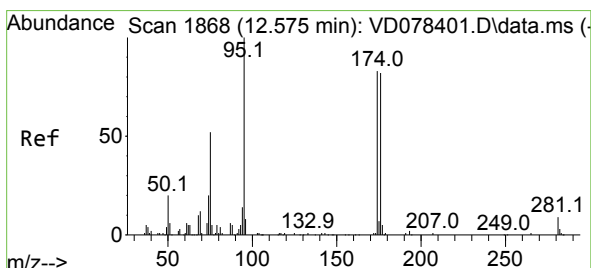
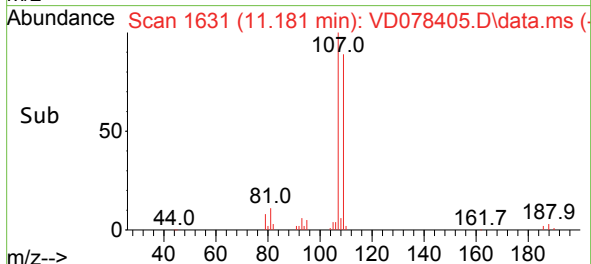
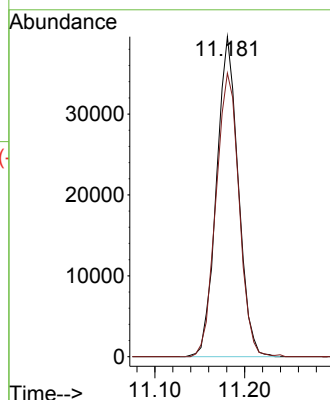
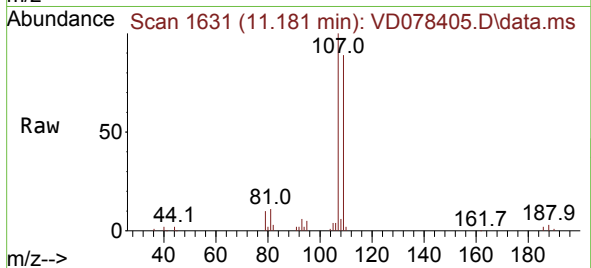
ClientSampleId :

Tgt Ion:107 Resp: 66684

Ion Ratio Lower Upper

107 100

109 94.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 42.472 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

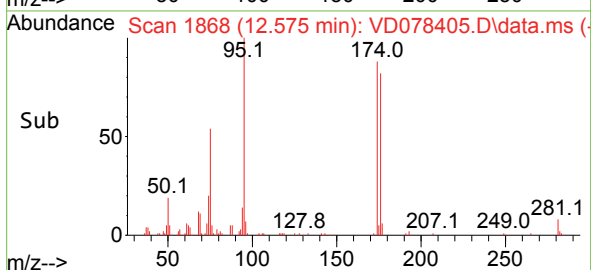
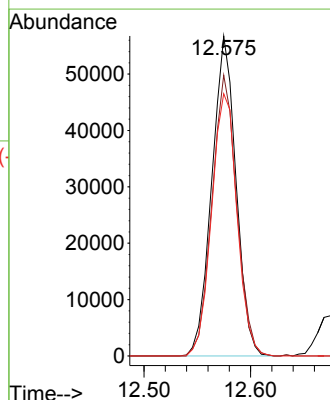
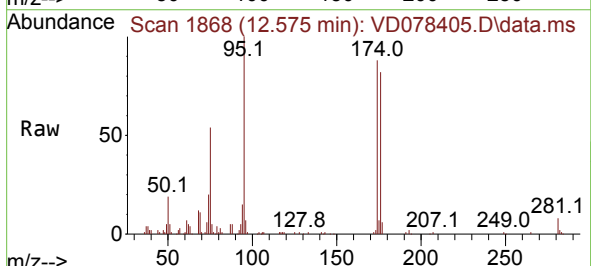
Tgt Ion: 95 Resp: 89508

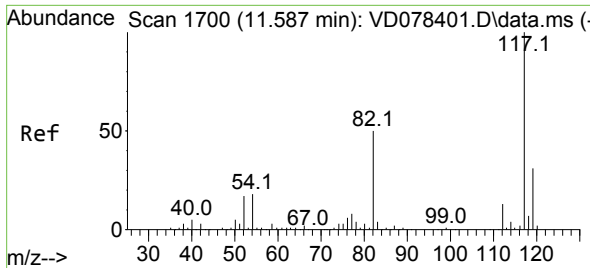
Ion Ratio Lower Upper

95 100

174 89.7 0.0 201.8

176 86.1 0.0 191.8

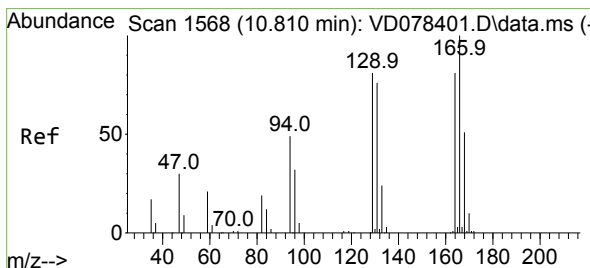
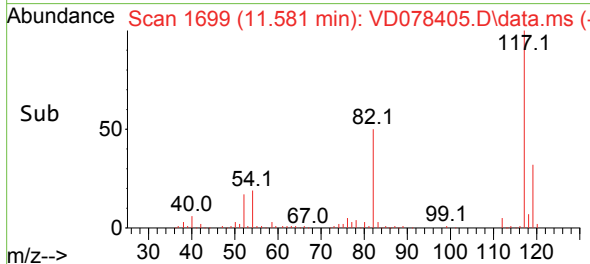
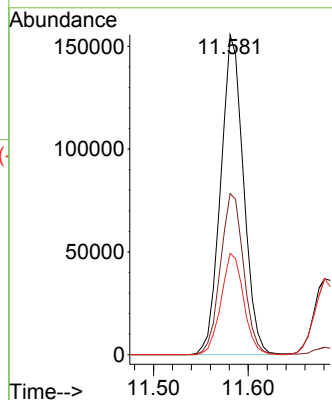
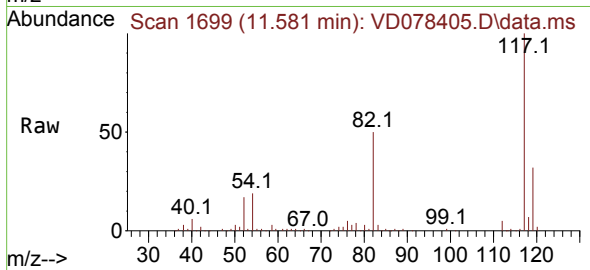




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

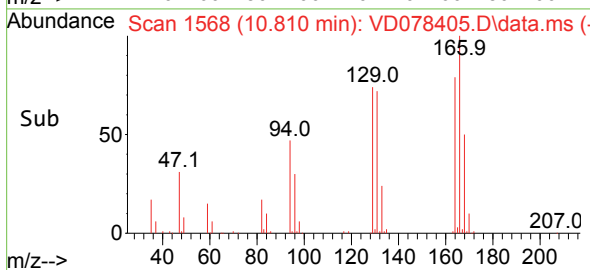
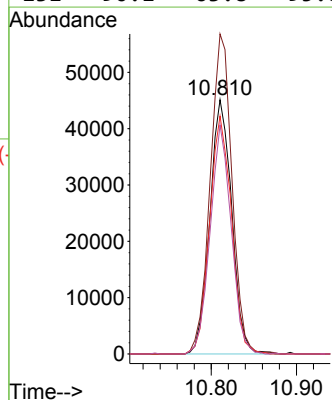
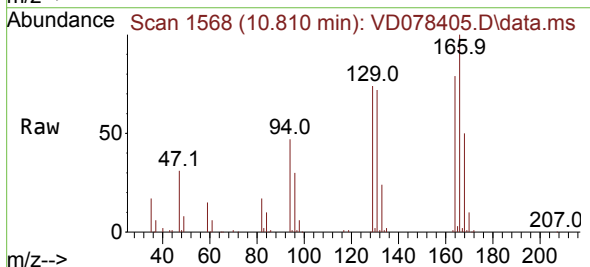
Instrument :
MSVOA_D
ClientSampleId :

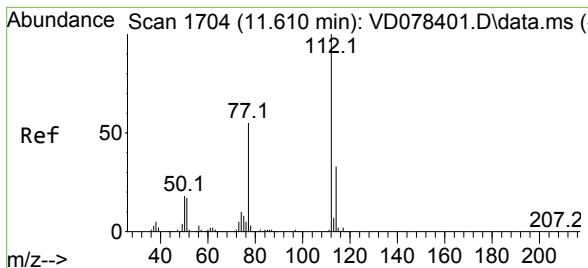
Tgt Ion:117 Resp: 260905
Ion Ratio Lower Upper
117 100
82 50.4 38.3 57.5
119 31.7 25.0 37.4



#64
Tetrachloroethene
Concen: 48.975 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion:164 Resp: 80709
Ion Ratio Lower Upper
164 100
166 125.9 99.2 148.8
129 93.6 68.4 102.6
131 90.1 63.8 95.8

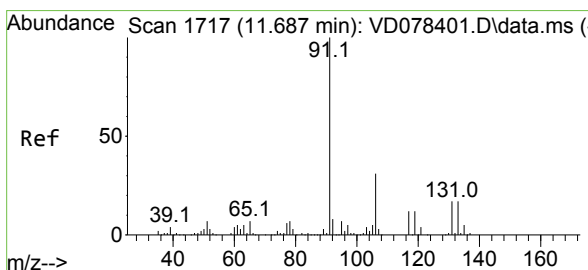
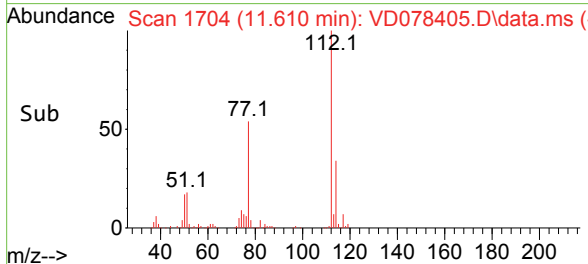
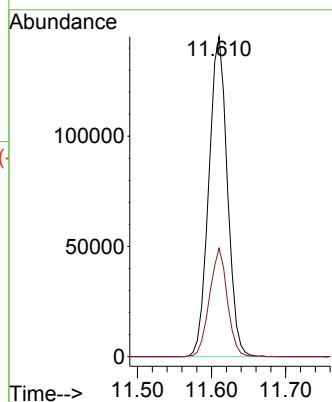
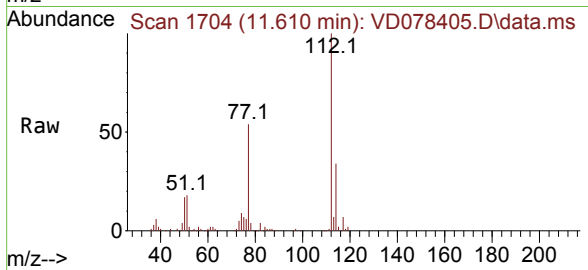




#65
Chlorobenzene
Concen: 48.063 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

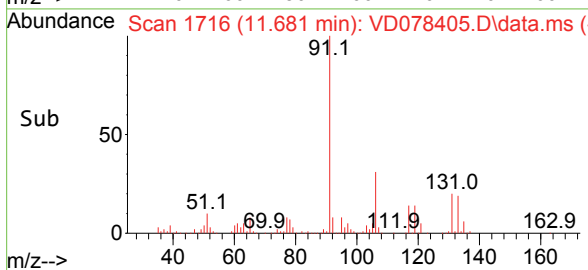
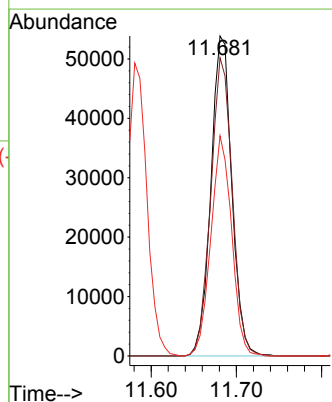
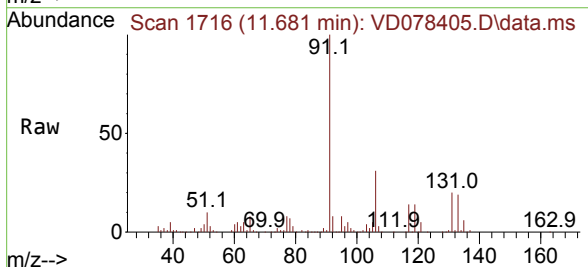
Instrument :
MSVOA_D
ClientSampleId :

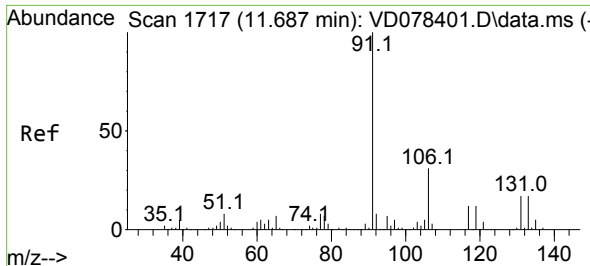
Tgt Ion:112 Resp: 252100
Ion Ratio Lower Upper
112 100
114 33.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 47.559 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion:131 Resp: 91675
Ion Ratio Lower Upper
131 100
133 96.0 48.5 145.5
119 68.4 35.6 106.9

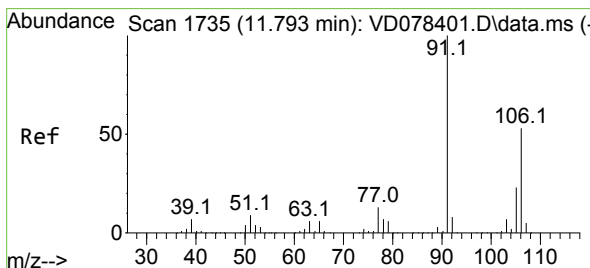
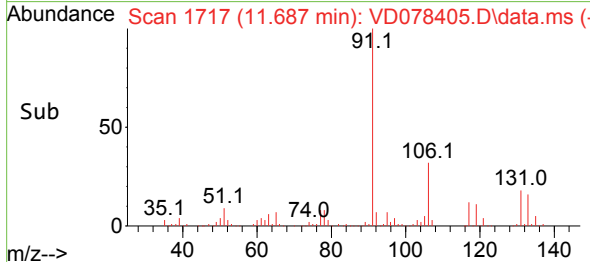
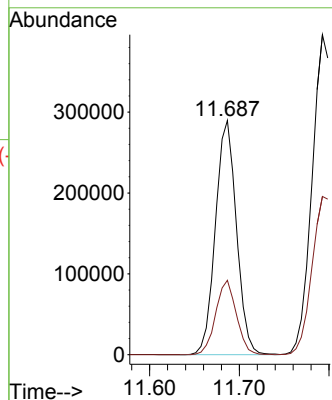
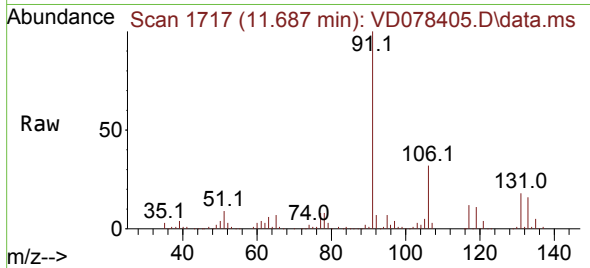




#67
Ethyl Benzene
Concen: 50.104 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

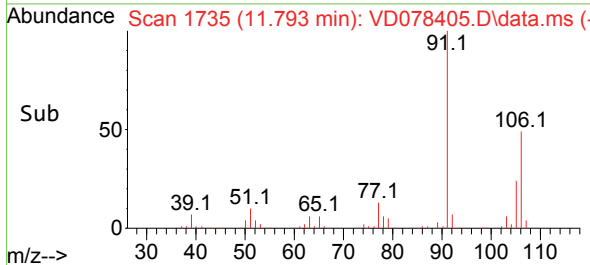
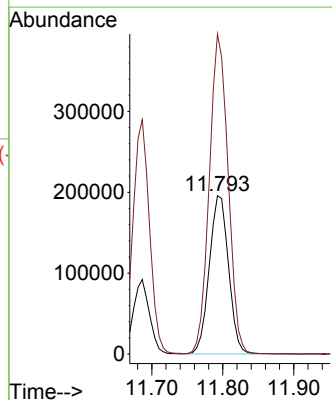
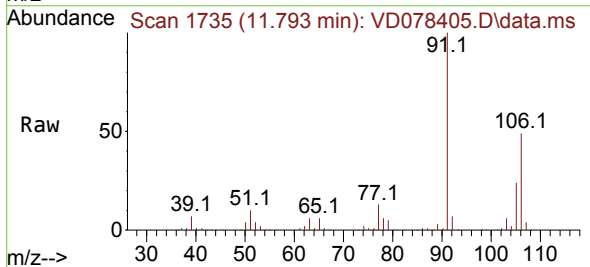
Instrument :
MSVOA_D
ClientSampleId :

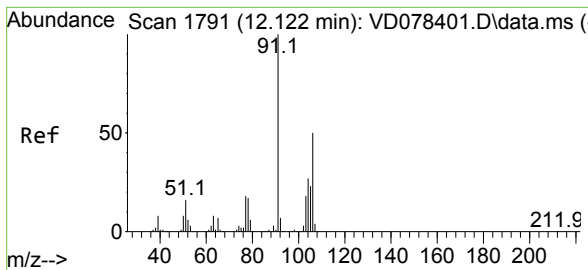
Tgt Ion: 91 Resp: 470886
Ion Ratio Lower Upper
91 100
106 31.8 26.5 39.7



#68
m/p-Xylenes
Concen: 100.332 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion:106 Resp: 367803
Ion Ratio Lower Upper
106 100
91 198.1 147.0 220.6

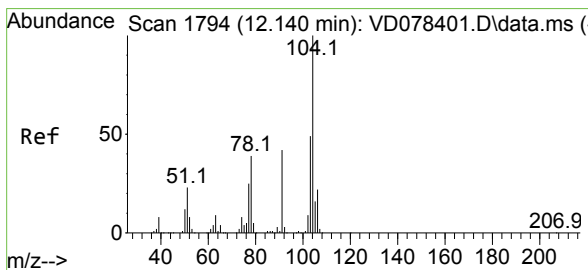
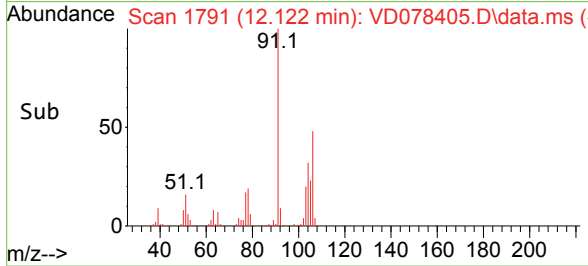
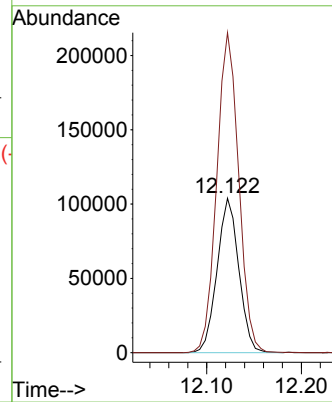
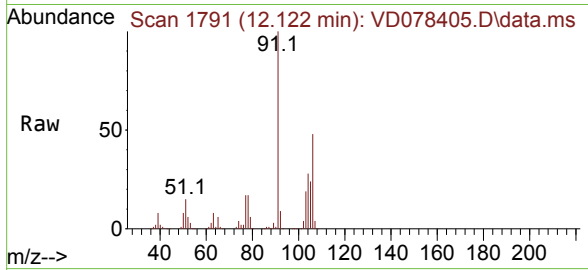




#69
o-Xylene
Concen: 49.596 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

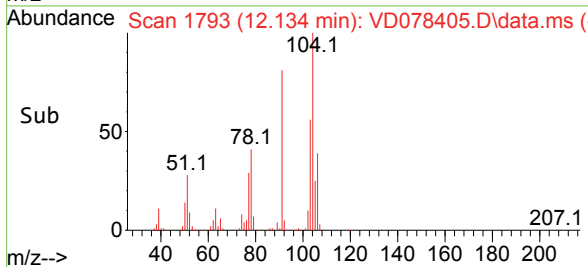
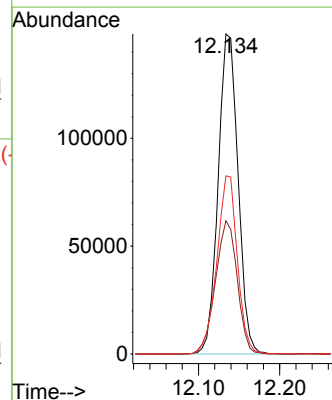
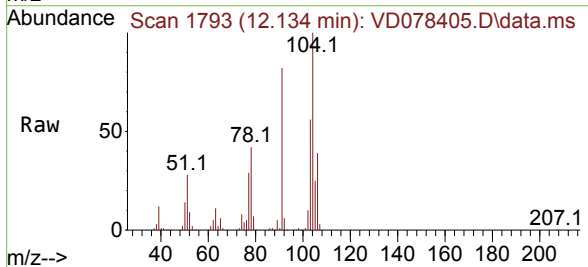
Instrument :
MSVOA_D
ClientSampleId :

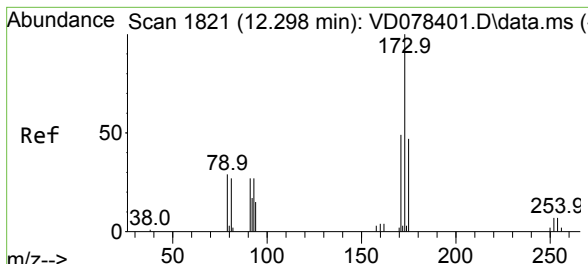
Tgt Ion:106 Resp: 165916
Ion Ratio Lower Upper
106 100
91 209.5 97.9 293.6



#70
Styrene
Concen: 46.347 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion:104 Resp: 253043
Ion Ratio Lower Upper
104 100
78 45.4 33.2 49.8
103 57.4 43.6 65.4

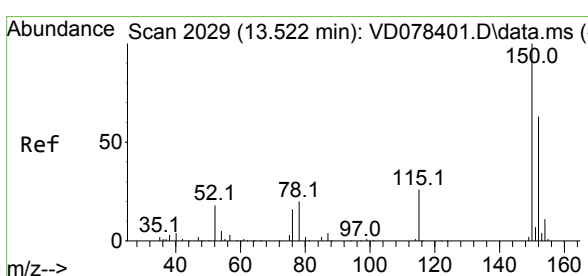
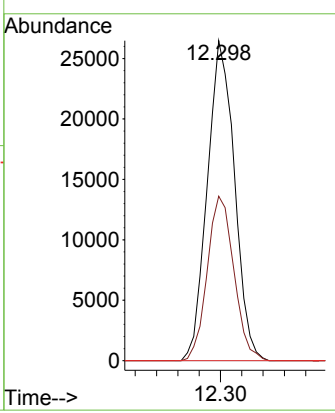
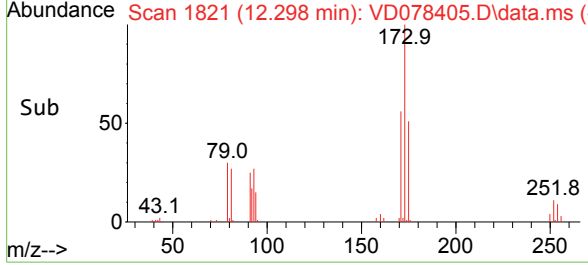
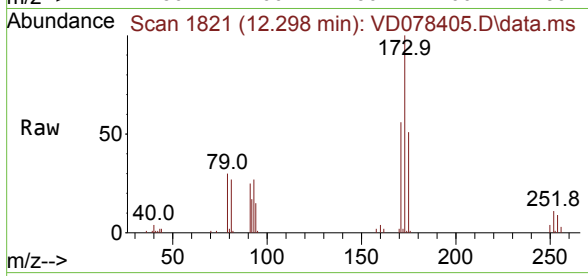




#71
 Bromoform
 Concen: 46.239 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. -0.000 min
 Lab File: VD078405.D
 Acq: 13 Feb 2024 16:23

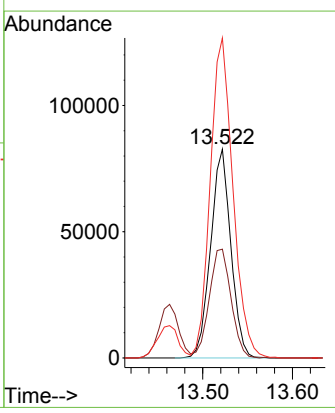
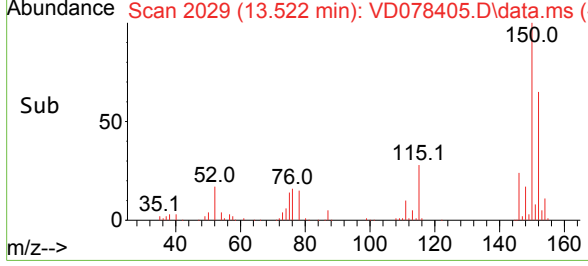
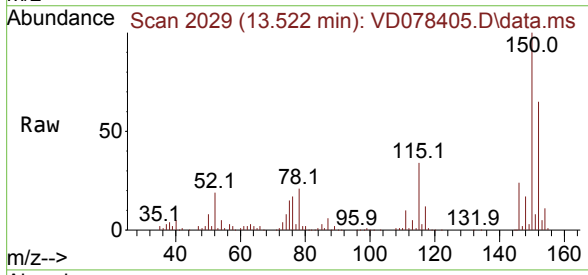
Instrument :
 MSVOA_D
 ClientSampleId :

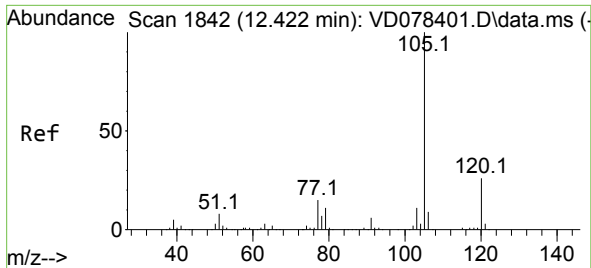
Tgt Ion:	173	Resp:	46913
Ion Ratio	Lower	Upper	
173	100		
175	50.4	24.6	73.8
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD078405.D
 Acq: 13 Feb 2024 16:23

Tgt Ion:	152	Resp:	129431
Ion Ratio	Lower	Upper	
152	100		
115	56.1	27.1	81.3
150	171.7	0.0	353.6

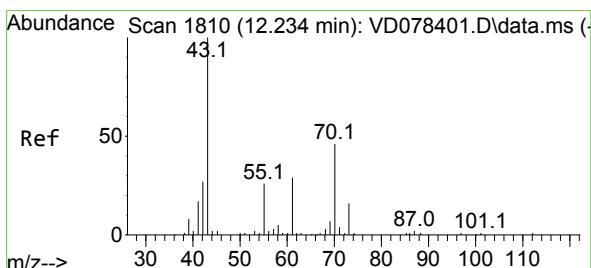
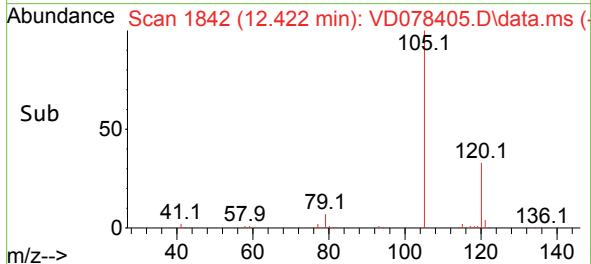
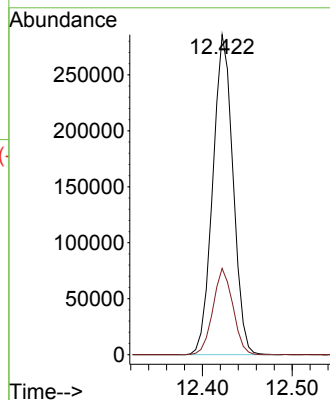
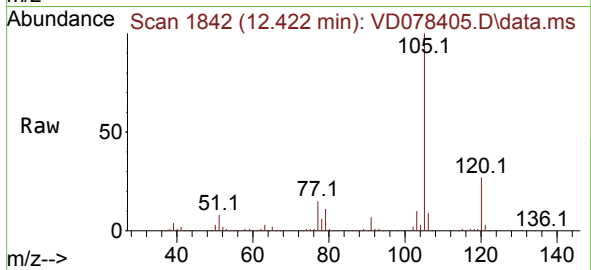




#73
Isopropylbenzene
Concen: 51.493 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

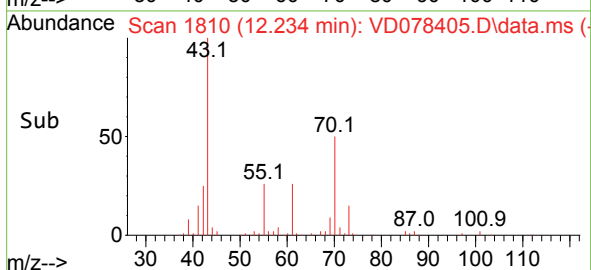
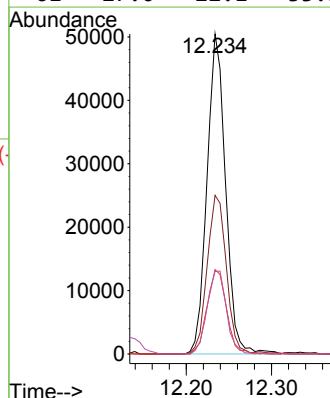
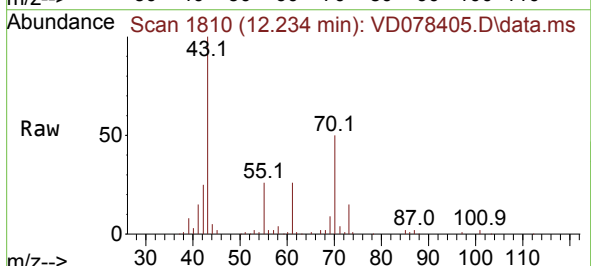
Instrument :
MSVOA_D
ClientSampleId :

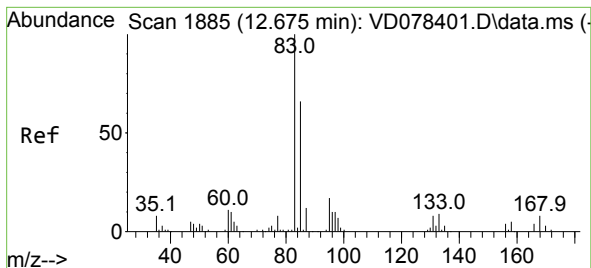
Tgt Ion:105 Resp: 447532
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9



#74
N-ethyl acetate
Concen: 46.507 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion: 43 Resp: 76467
Ion Ratio Lower Upper
43 100
70 51.2 45.0 67.4
55 27.5 23.8 35.6
61 27.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.472 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

Instrument :

MSVOA_D

ClientSampleId :

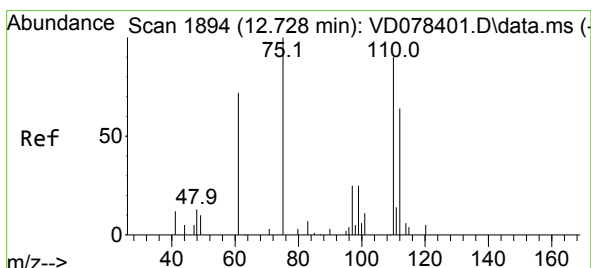
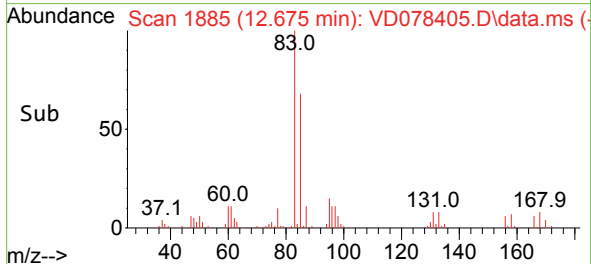
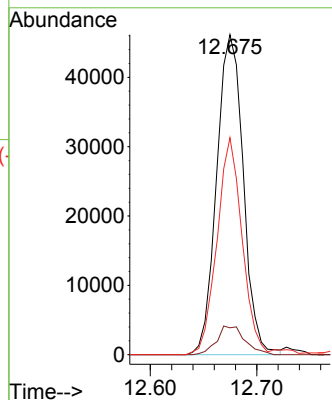
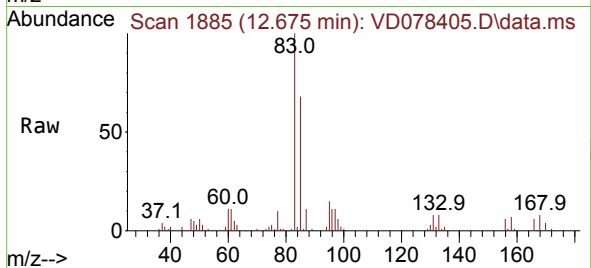
Tgt Ion: 83 Resp: 80119

Ion Ratio Lower Upper

83 100

131 9.4 5.1 15.3

85 64.3 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 87.055 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD078405.D

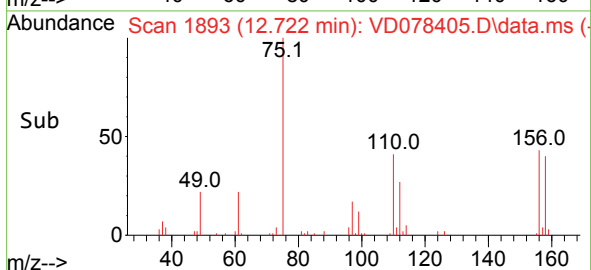
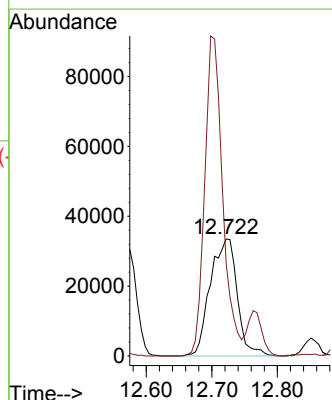
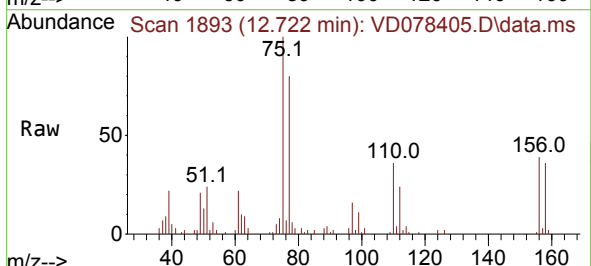
Acq: 13 Feb 2024 16:23

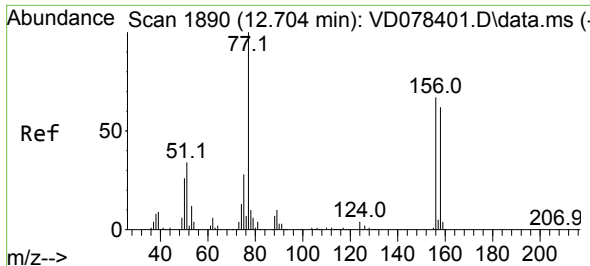
Tgt Ion: 75 Resp: 95659

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

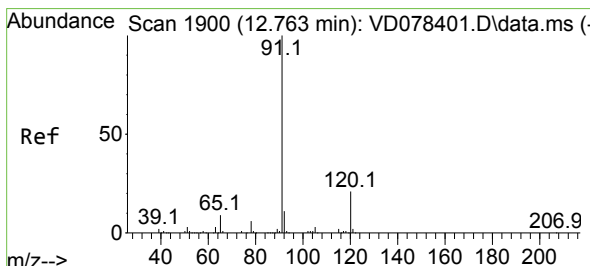
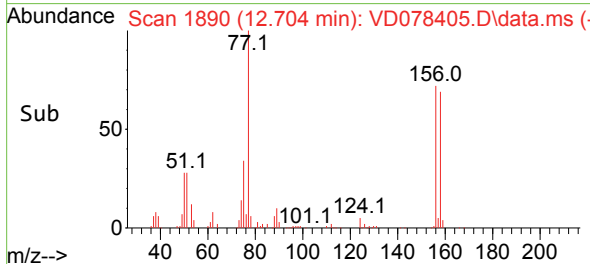
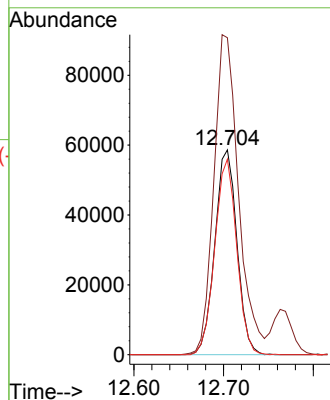
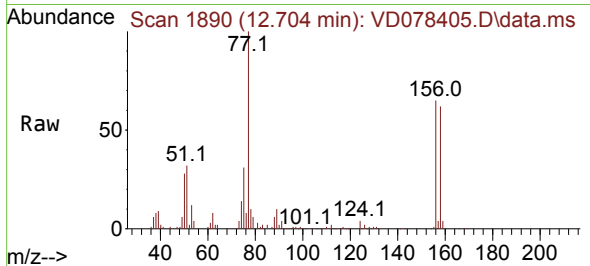




#77
Bromobenzene
Concen: 49.091 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

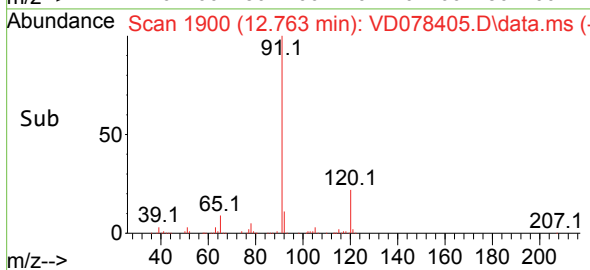
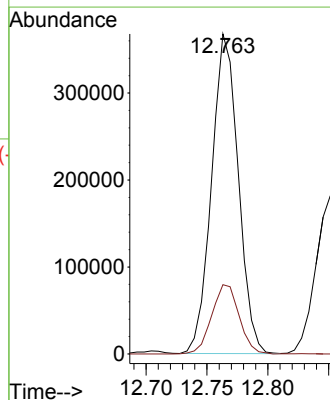
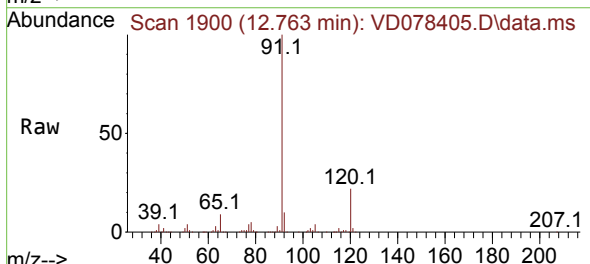
Instrument :
MSVOA_D
ClientSampleId :

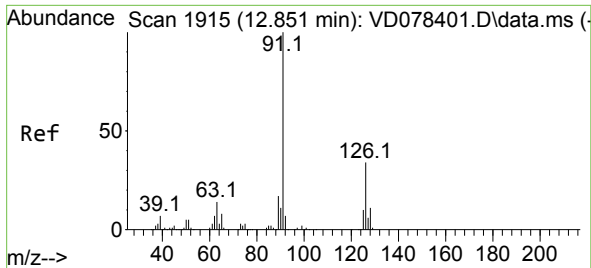
Tgt Ion:156 Resp: 100270
Ion Ratio Lower Upper
156 100
77 174.8 76.8 230.4
158 94.7 48.6 145.9



#78
n-propylbenzene
Concen: 51.724 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion: 91 Resp: 560214
Ion Ratio Lower Upper
91 100
120 22.3 12.4 37.2

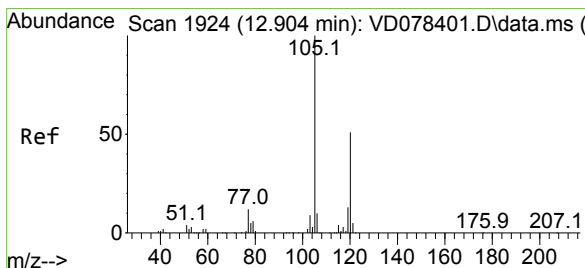
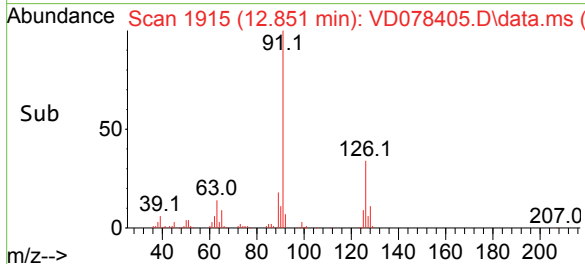
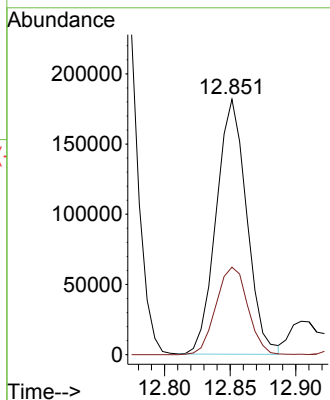
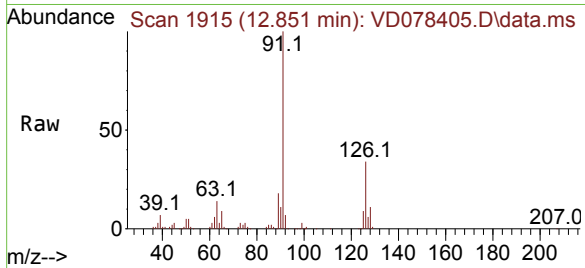




#79
2-Chlorotoluene
Concen: 50.639 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

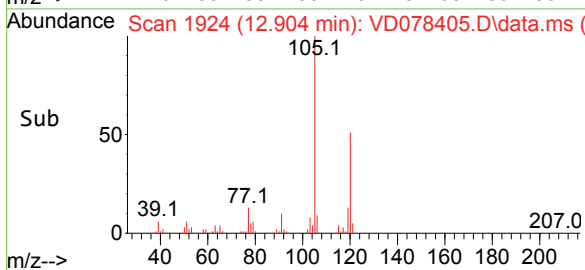
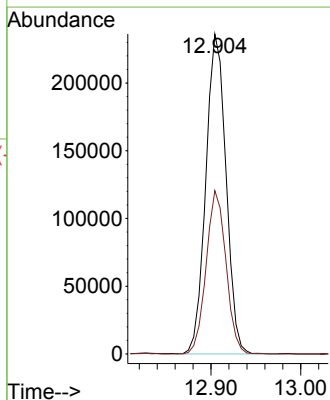
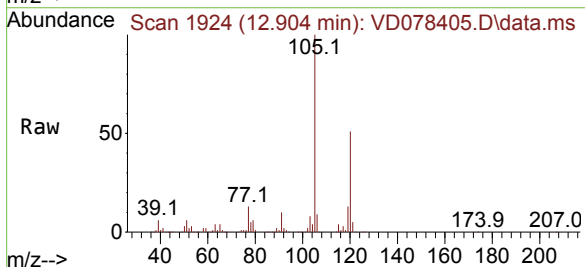
Instrument :
MSVOA_D
ClientSampleId :

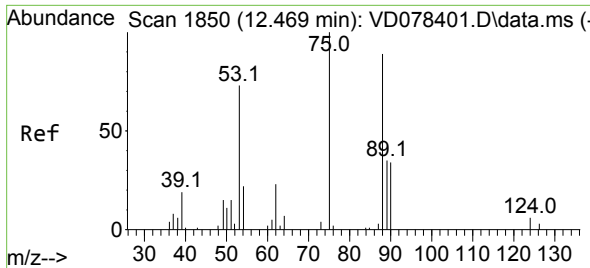
Tgt Ion: 91 Resp: 293756
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 51.198 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion:105 Resp: 369483
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2

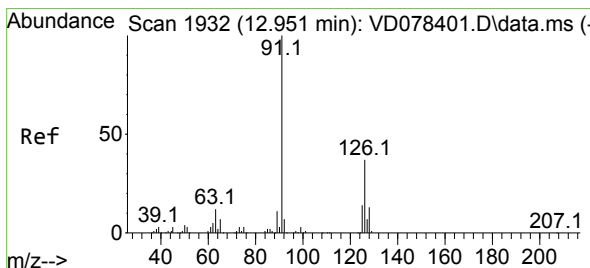
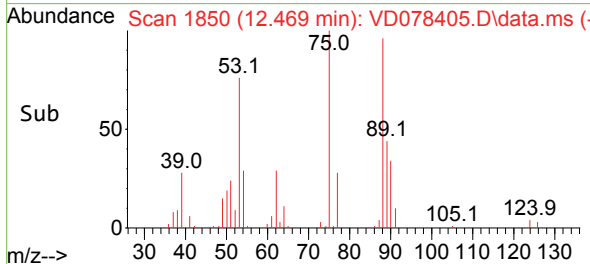
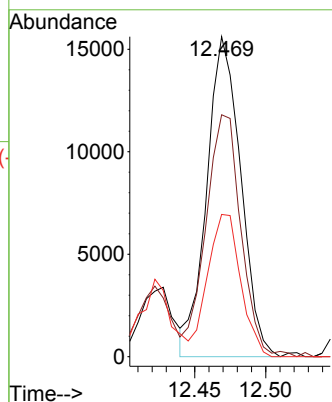
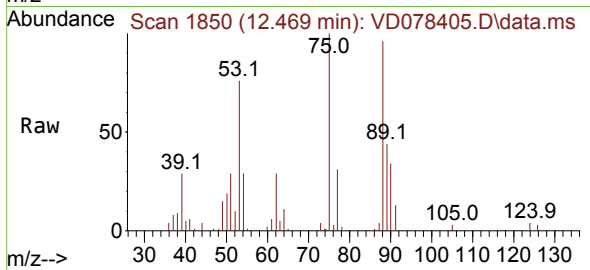




#81
trans-1,4-Dichloro-2-butene
Concen: 48.984 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

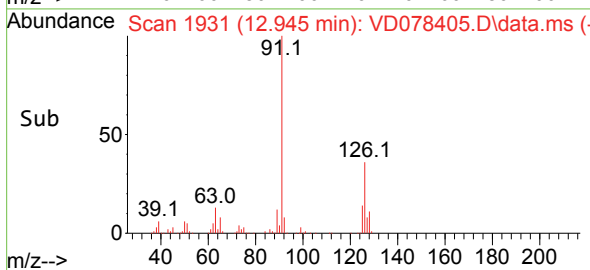
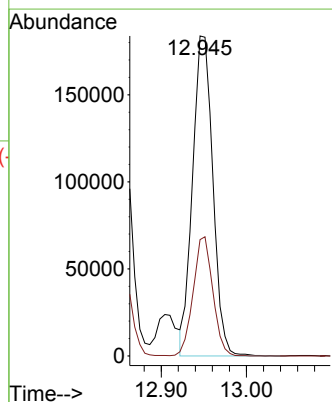
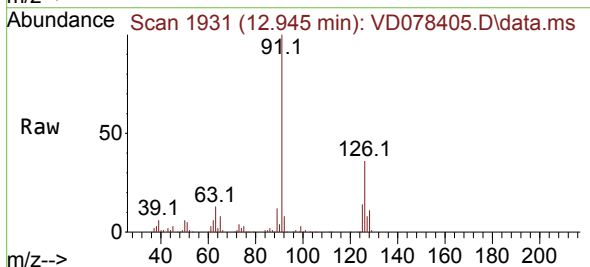
Instrument :
MSVOA_D
ClientSampleId :

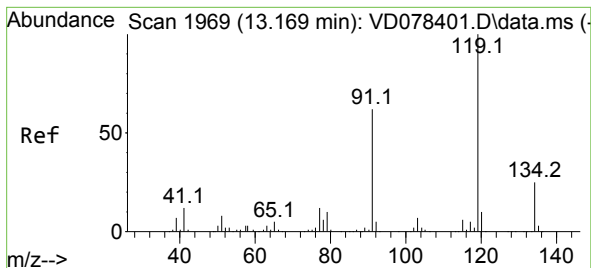
Tgt Ion: 75 Resp: 25927
Ion Ratio Lower Upper
75 100
53 78.7 63.0 94.4
89 43.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 48.770 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078405.D
Acq: 13 Feb 2024 16:23

Tgt Ion: 91 Resp: 303853
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.4





#83

tert-Butylbenzene

Concen: 51.666 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

Instrument :

MSVOA_D

ClientSampleId :

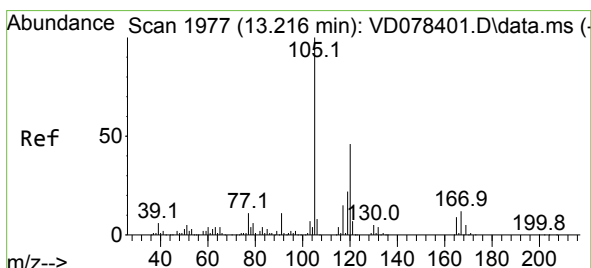
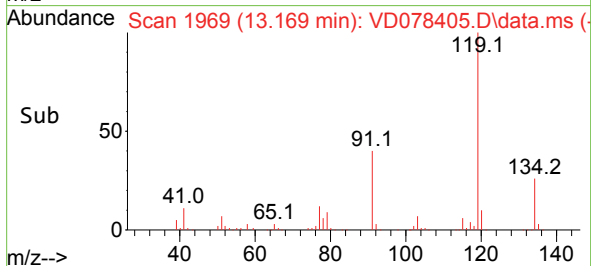
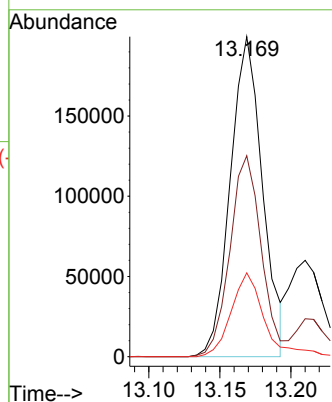
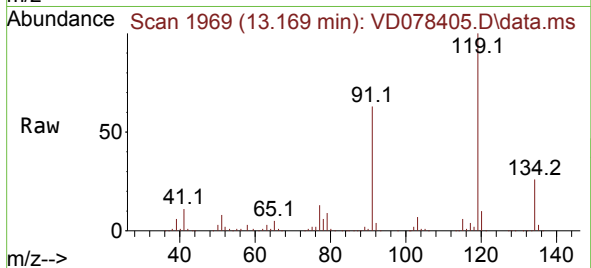
Tgt Ion:119 Resp: 314460

Ion Ratio Lower Upper

119 100

91 61.9 29.3 87.8

134 27.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 50.788 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD078405.D

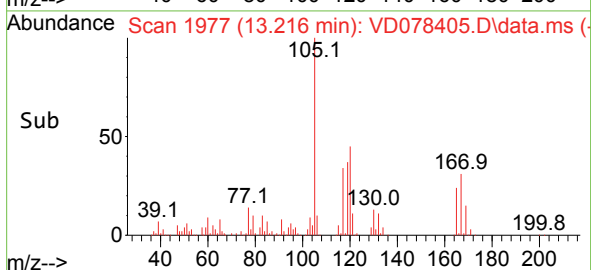
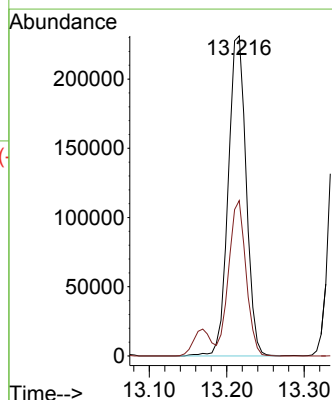
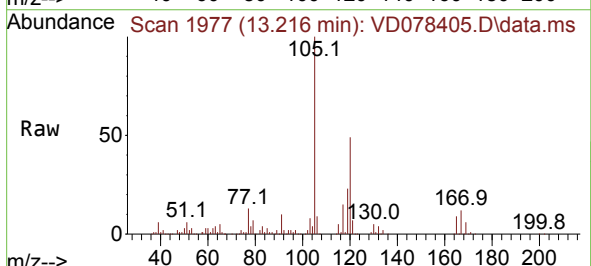
Acq: 13 Feb 2024 16:23

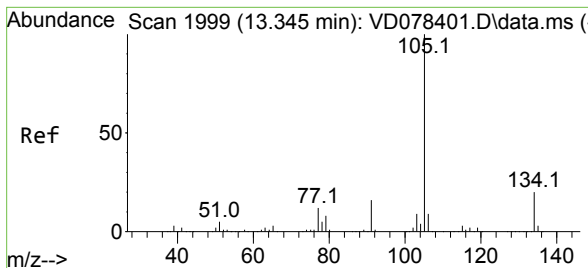
Tgt Ion:105 Resp: 371991

Ion Ratio Lower Upper

105 100

120 47.0 24.3 72.9

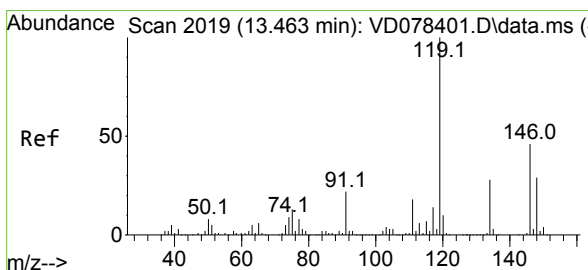
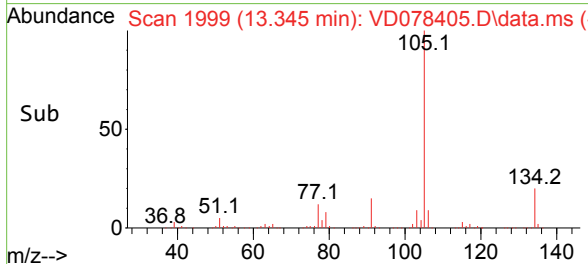
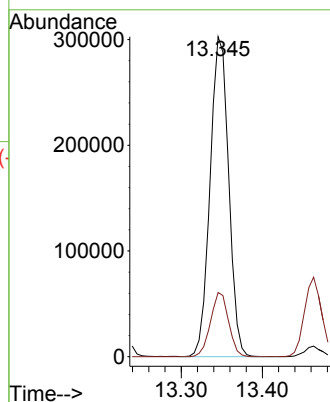
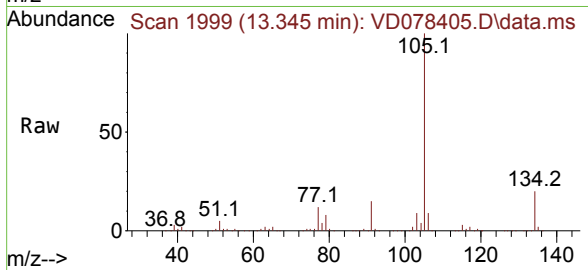




#85
 sec-Butylbenzene
 Concen: 50.905 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078405.D
 Acq: 13 Feb 2024 16:23

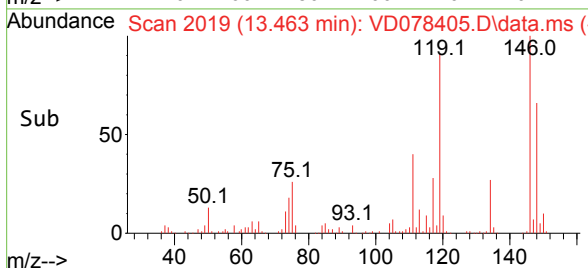
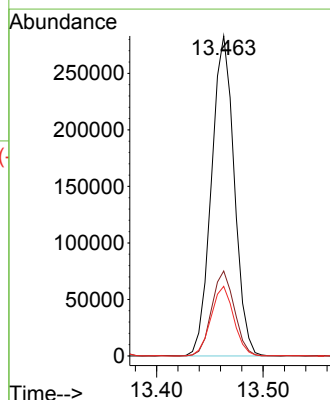
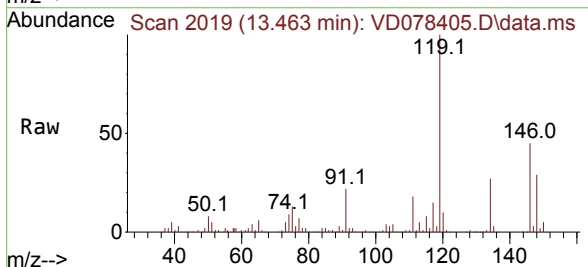
Instrument :
 MSVOA_D
 ClientSampleId :

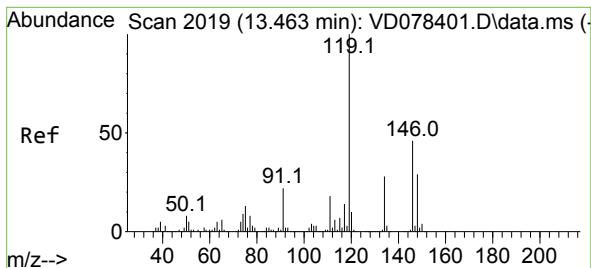
Tgt Ion:105 Resp: 480496
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 52.291 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD078405.D
 Acq: 13 Feb 2024 16:23

Tgt Ion:119 Resp: 420403
 Ion Ratio Lower Upper
 119 100
 134 26.4 14.2 42.6
 91 21.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 49.252 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

Instrument :

MSVOA_D

ClientSampleId :

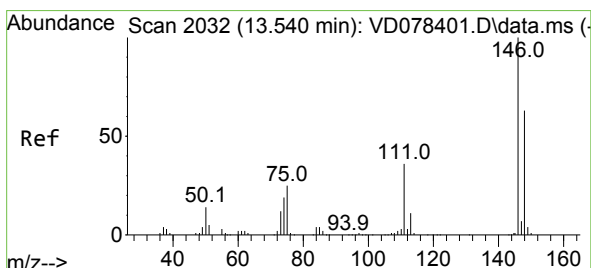
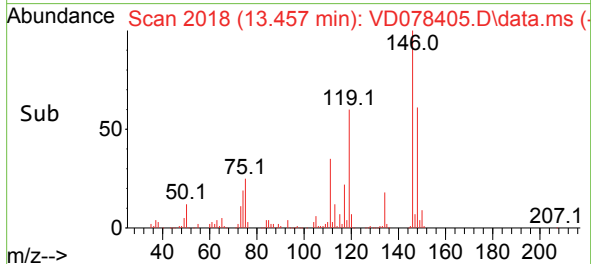
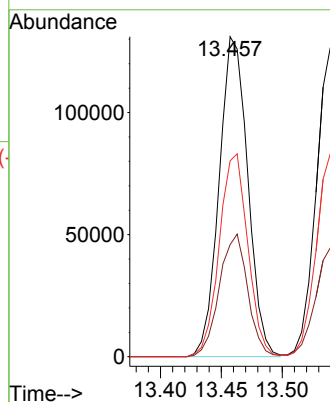
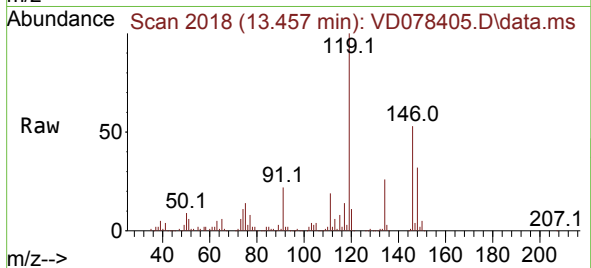
Tgt Ion:146 Resp: 214711

Ion Ratio Lower Upper

146 100

111 38.0 17.9 53.8

148 63.2 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 48.201 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

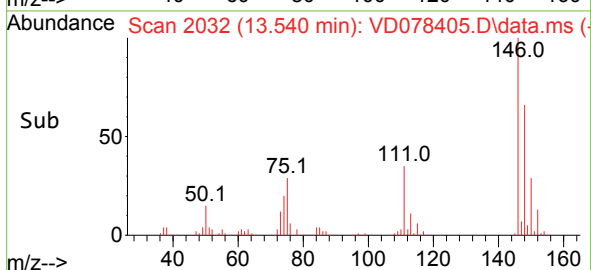
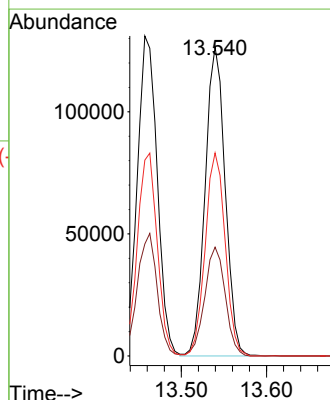
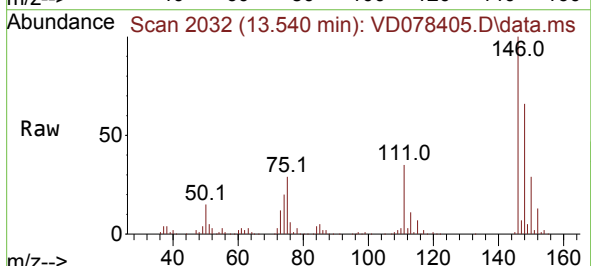
Tgt Ion:146 Resp: 206467

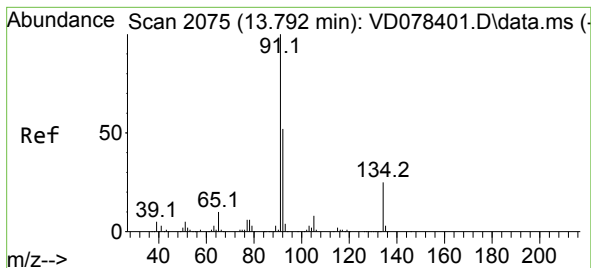
Ion Ratio Lower Upper

146 100

111 36.3 17.4 52.3

148 65.5 31.7 95.1





#89

n-Butylbenzene

Concen: 52.112 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

Instrument :

MSVOA_D

ClientSampleId :

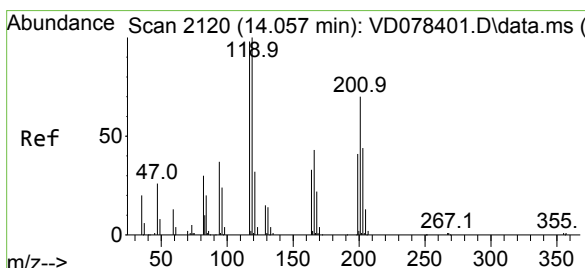
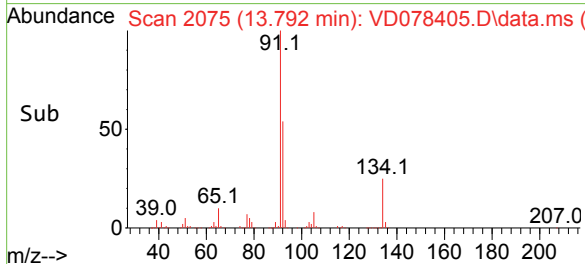
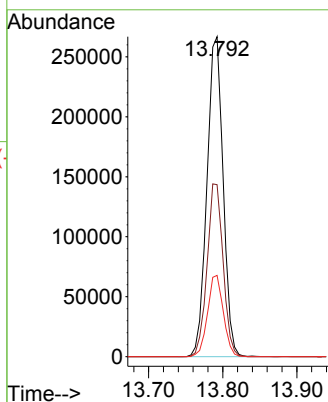
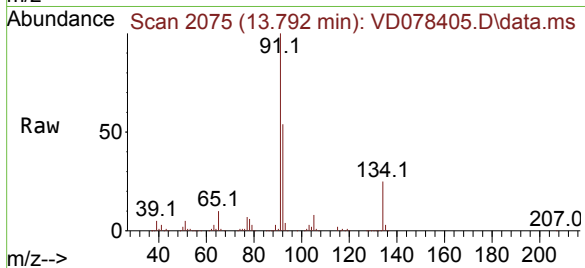
Tgt Ion: 91 Resp: 403824

Ion Ratio Lower Upper

91 100

92 53.5 26.5 79.5

134 24.8 13.8 41.3



#90

Hexachloroethane

Concen: 48.624 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VD078405.D

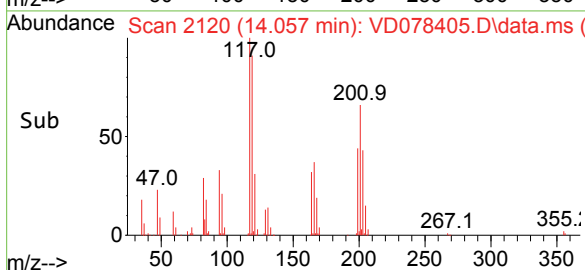
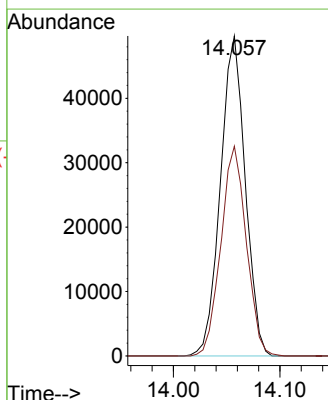
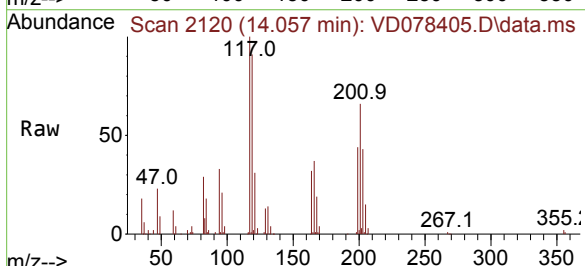
Acq: 13 Feb 2024 16:23

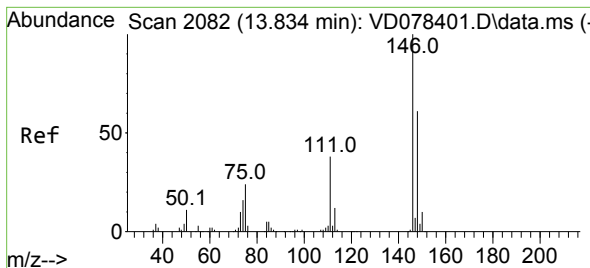
Tgt Ion: 117 Resp: 80346

Ion Ratio Lower Upper

117 100

201 67.0 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 48.479 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

Instrument :

MSVOA_D

ClientSampleId :

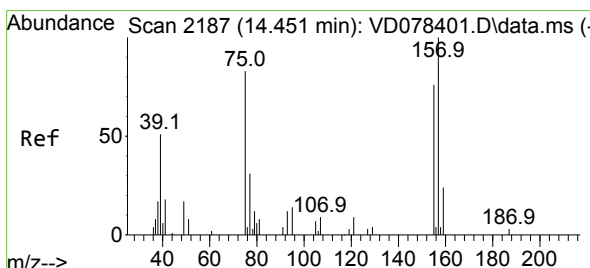
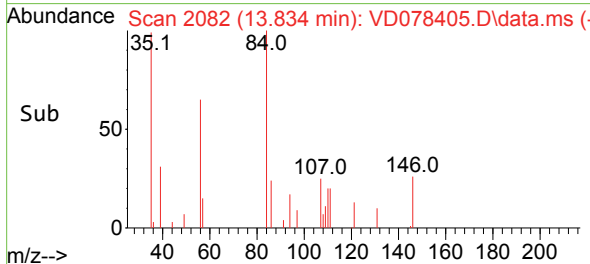
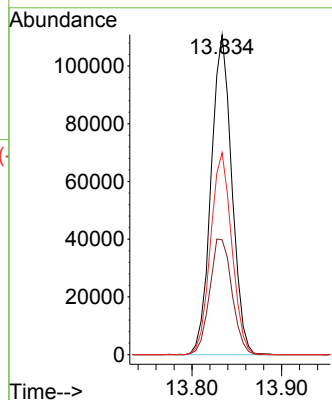
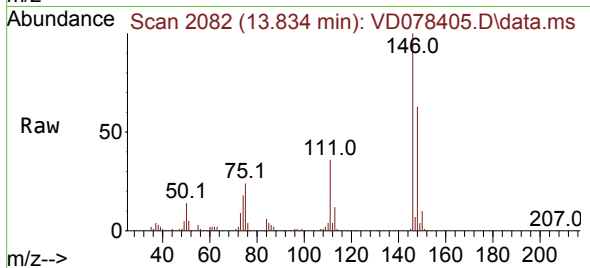
Tgt Ion:146 Resp: 177470

Ion Ratio Lower Upper

146 100

111 39.0 18.3 54.8

148 64.9 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.867 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

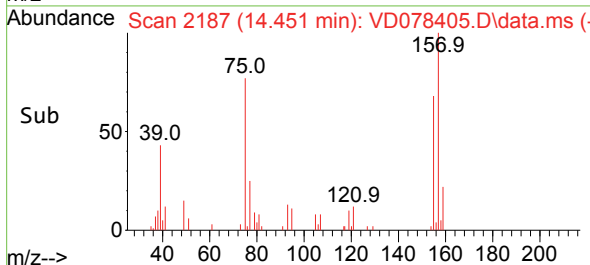
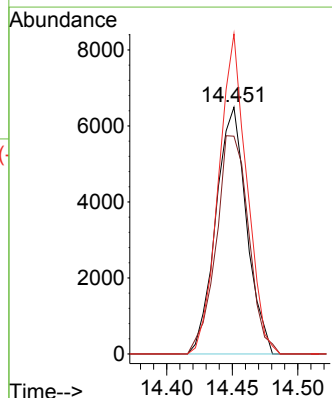
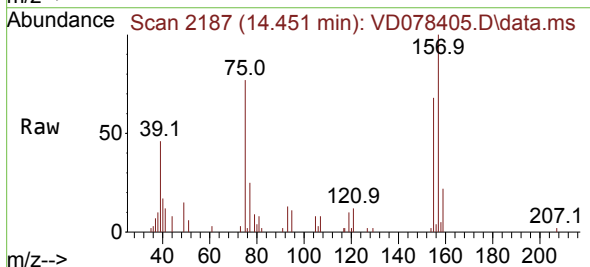
Tgt Ion: 75 Resp: 10580

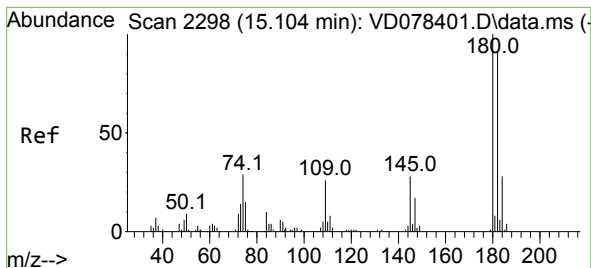
Ion Ratio Lower Upper

75 100

155 93.4 47.9 143.8

157 119.0 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 50.323 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

Instrument :

MSVOA_D

ClientSampleId :

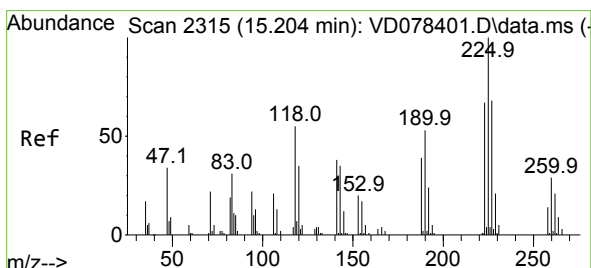
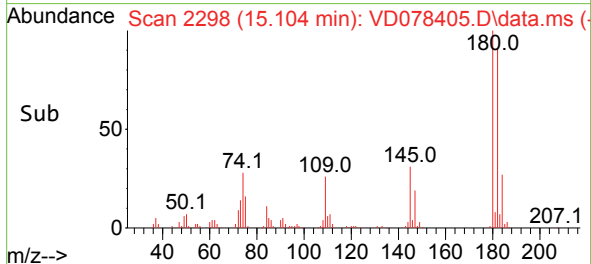
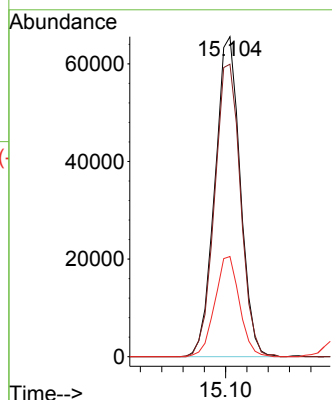
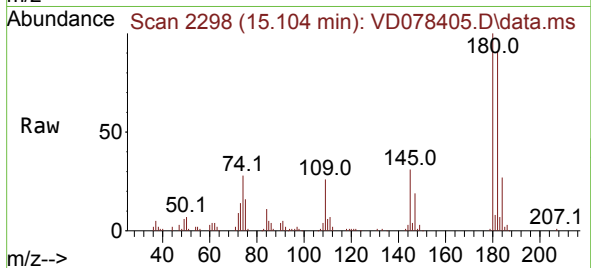
Tgt Ion:180 Resp: 108267

Ion Ratio Lower Upper

180 100

182 93.5 48.5 145.6

145 30.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.417 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

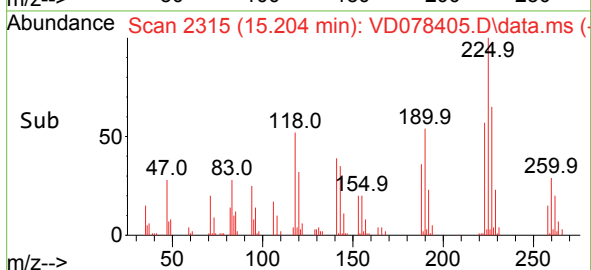
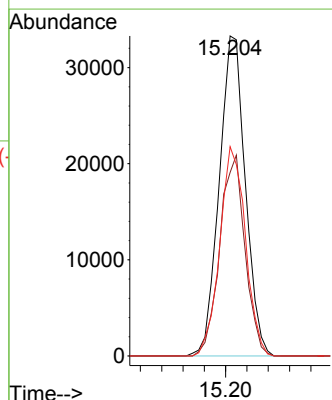
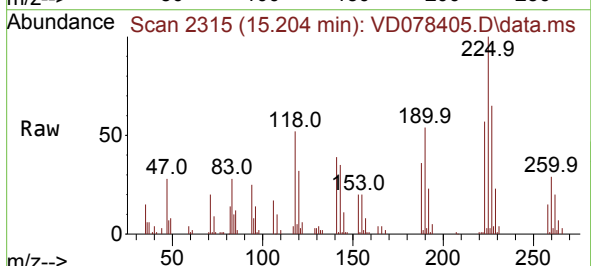
Tgt Ion:225 Resp: 56617

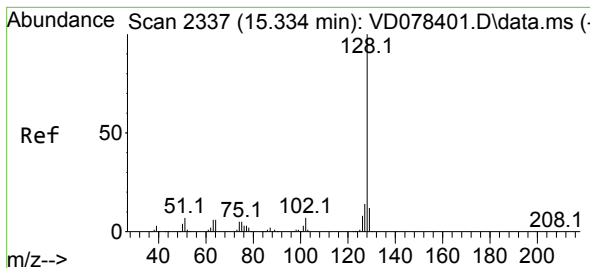
Ion Ratio Lower Upper

225 100

223 60.6 31.6 94.8

227 64.2 31.7 95.1





#95

Naphthalene

Concen: 51.703 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

Instrument :

MSVOA_D

ClientSampleId :

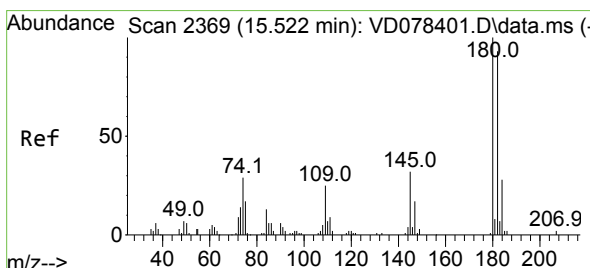
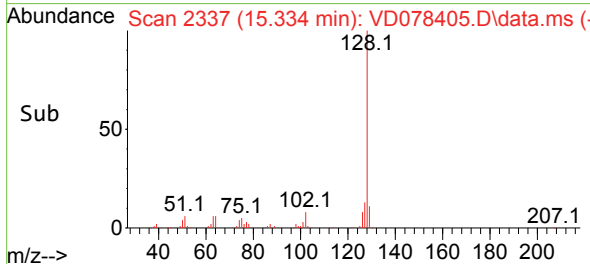
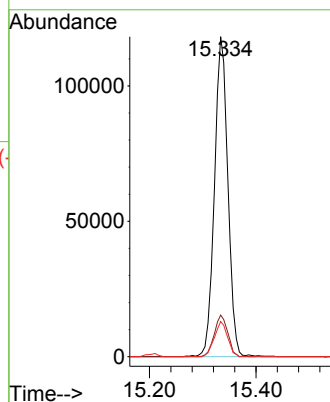
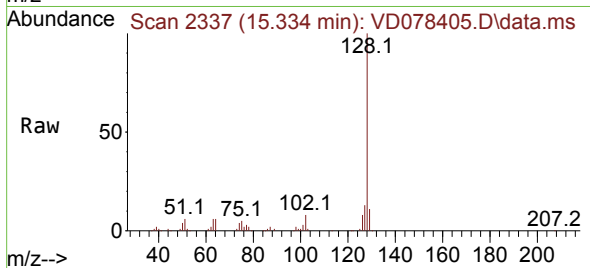
Tgt Ion:128 Resp: 206314

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.491 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078405.D

Acq: 13 Feb 2024 16:23

Tgt Ion:180 Resp: 93886

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.9

145 31.4 15.1 45.3

