

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078432.D
 Acq On : 15 Feb 2024 13:27
 Operator : RP/MD
 Sample : VD0215SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0215SBS01

Quant Time: Feb 16 02:35:00 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	179672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	305904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	282116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	134669	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	93131	47.939	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.880%
35) Dibromofluoromethane	7.810	113	100595	51.769	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.540%
50) Toluene-d8	10.269	98	404767	52.073	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.140%
62) 4-Bromofluorobenzene	12.575	95	116637	51.563	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.120%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.940	85	28438	16.064	ug/l 96
3) Chloromethane	2.152	50	50924	15.653	ug/l 96
4) Vinyl Chloride	2.287	62	76555	15.421	ug/l 97
5) Bromomethane	2.693	94	59389	17.331	ug/l 100
6) Chloroethane	2.840	64	59516	16.441	ug/l 98
7) Trichlorofluoromethane	3.175	101	60063	17.935	ug/l 93
8) Diethyl Ether	3.599	74	17193	17.824	ug/l 90
9) 1,1,2-Trichlorotrifluo...	3.963	101	38070	18.020	ug/l 96
10) Methyl Iodide	4.163	142	34795	18.389	ug/l 92
11) Tert butyl alcohol	5.069	59	10394	95.218	ug/l # 84
12) 1,1-Dichloroethene	3.952	96	35290	18.017	ug/l 91
13) Acrolein	3.799	56	14484	80.703	ug/l 94
14) Allyl chloride	4.558	41	43074	17.802	ug/l 90
15) Acrylonitrile	5.258	53	34511	83.577	ug/l 99
16) Acetone	4.028	43	42857	98.325	ug/l 89
17) Carbon Disulfide	4.275	76	109478	16.611	ug/l 98
18) Methyl Acetate	4.569	43	12996	12.617	ug/l 90
19) Methyl tert-butyl Ether	5.322	73	74838	17.984	ug/l 97
20) Methylene Chloride	4.805	84	47603	19.762	ug/l 90
21) trans-1,2-Dichloroethene	5.316	96	41598	18.053	ug/l 91
22) Diisopropyl ether	6.222	45	93721	17.573	ug/l 94
23) Vinyl Acetate	6.157	43	284550	123.065	ug/l # 92
24) 1,1-Dichloroethane	6.116	63	68227	18.059	ug/l 99
25) 2-Butanone	7.087	43	49902	91.426	ug/l 89
26) 2,2-Dichloropropane	7.081	77	59116	18.666	ug/l 93
27) cis-1,2-Dichloroethene	7.087	96	45460	17.982	ug/l 93
28) Bromochloromethane	7.428	49	27377	18.295	ug/l 87
29) Tetrahydrofuran	7.446	42	25050	86.705	ug/l 95
30) Chloroform	7.604	83	75117	18.792	ug/l 90
31) Cyclohexane	7.881	56	57123	17.382	ug/l 88
32) 1,1,1-Trichloroethane	7.787	97	63530	18.641	ug/l 99
36) 1,1-Dichloropropene	8.010	75	56601	18.750	ug/l 95
37) Ethyl Acetate	7.169	43	18829	17.794	ug/l 95
38) Carbon Tetrachloride	7.993	117	55556	18.584	ug/l 94
39) Methylcyclohexane	9.275	83	65191	18.191	ug/l 90
40) Benzene	8.251	78	160299	18.372	ug/l 100

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 ALS Vial : 5 Sample Multiplier: 1

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Quant Time: Feb 16 02:35:00 2024
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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)
41) Methacrylonitrile	7.410	41	10202	18.525	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	41395	18.335	ug/l	96
43) Isopropyl Acetate	8.363	43	34405	17.558	ug/l	95
44) Trichloroethene	9.028	130	44489	19.986	ug/l	97
45) 1,2-Dichloropropane	9.304	63	38227	17.857	ug/l	100
46) Dibromomethane	9.398	93	22501	18.687	ug/l	90
47) Bromodichloromethane	9.587	83	55689	18.672	ug/l	96
48) Methyl methacrylate	9.381	41	15648	15.052	ug/l #	87
49) 1,4-Dioxane	9.381	88	4458	341.867	ug/l #	84
51) 4-Methyl-2-Pentanone	10.163	43	94137	90.517	ug/l	94
52) Toluene	10.334	92	104327	18.908	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	49195	18.077	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	62280	18.873	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	30321	18.698	ug/l	94
56) Ethyl methacrylate	10.598	69	32159	21.443	ug/l	91
57) 1,3-Dichloropropane	10.881	76	49308	17.875	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	78683	89.068	ug/l	98
59) 2-Hexanone	10.922	43	74171	94.901	ug/l	93
60) Dibromochloromethane	11.075	129	36920	18.923	ug/l	95
61) 1,2-Dibromoethane	11.181	107	28690	18.846	ug/l	97
64) Tetrachloroethene	10.810	164	34060	19.114	ug/l #	87
65) Chlorobenzene	11.610	112	110495	19.482	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	39231	18.822	ug/l	97
67) Ethyl Benzene	11.687	91	189958	18.693	ug/l	97
68) m/p-Xylenes	11.798	106	151778	38.290	ug/l	92
69) o-Xylene	12.122	106	69328	19.166	ug/l	93
70) Styrene	12.134	104	118778	20.119	ug/l	97
71) Bromoform	12.304	173	21195	19.320	ug/l #	98
73) Isopropylbenzene	12.422	105	182055	20.132	ug/l	96
74) N-amyl acetate	12.234	43	32876	19.217	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	35035	19.531	ug/l	94
76) 1,2,3-Trichloropropane	12.728	75	39636	34.668	ug/l #	100
77) Bromobenzene	12.704	156	42564	20.028	ug/l	91
78) n-propylbenzene	12.763	91	226042	20.058	ug/l	95
79) 2-Chlorotoluene	12.851	91	123892	20.526	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	148884	19.828	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	10373	18.835	ug/l	95
82) 4-Chlorotoluene	12.945	91	125554	19.368	ug/l	96
83) tert-Butylbenzene	13.169	119	129293	20.417	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	149701	19.644	ug/l	98
85) sec-Butylbenzene	13.345	105	197165	20.076	ug/l	97
86) p-Isopropyltoluene	13.463	119	162468	19.422	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	88150	19.434	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	89679	20.122	ug/l	98
89) n-Butylbenzene	13.786	91	156758	19.442	ug/l	97
90) Hexachloroethane	14.057	117	32012	18.619	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	77375	20.314	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4745	20.202	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	46017	20.557	ug/l	96
94) Hexachlorobutadiene	15.210	225	22617	19.357	ug/l	94
95) Naphthalene	15.333	128	81170	19.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	39505	20.824	ug/l	98

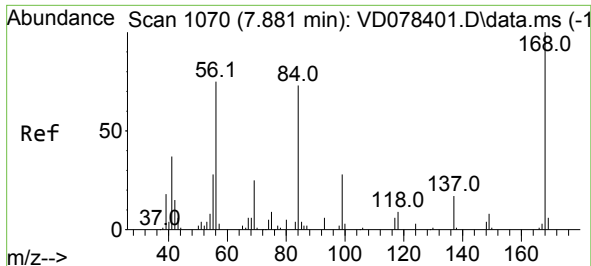
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
Data File : VD078432.D
Acq On : 15 Feb 2024 13:27
Operator : RP/MD
Sample : VD0215SBSD01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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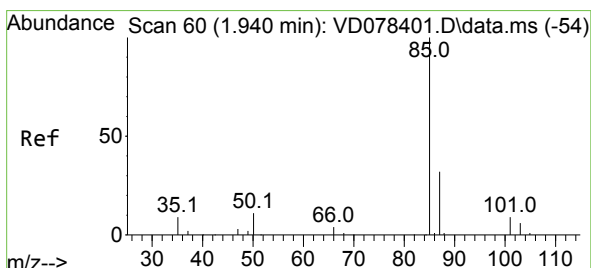
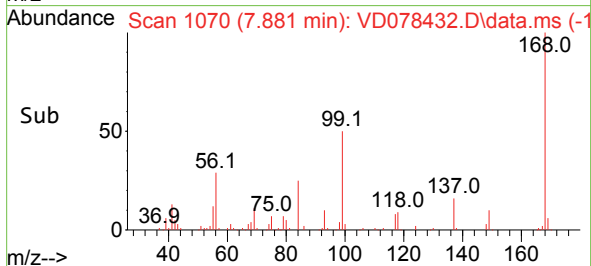
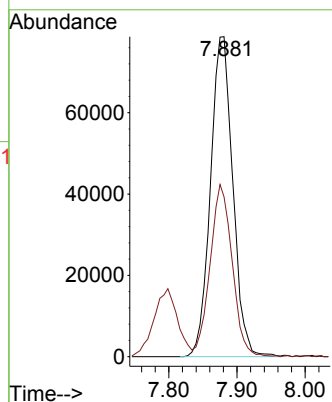
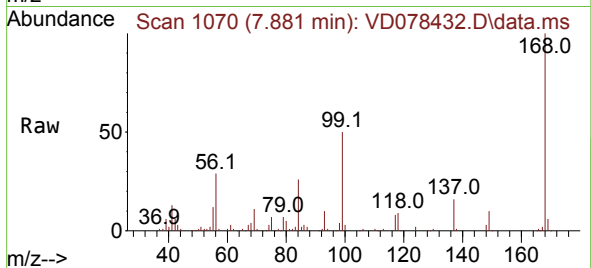
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

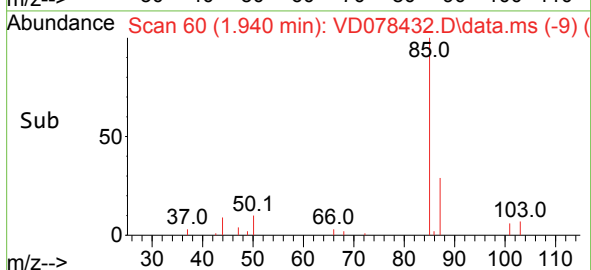
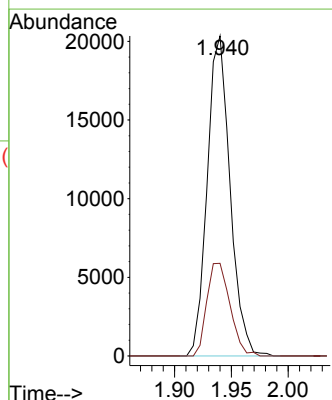
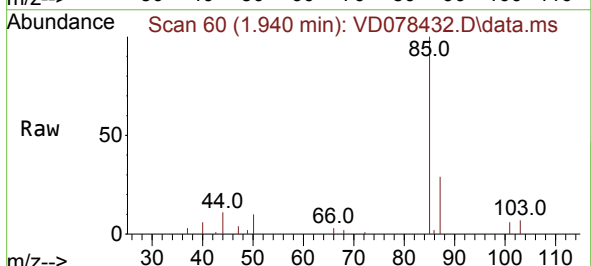
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

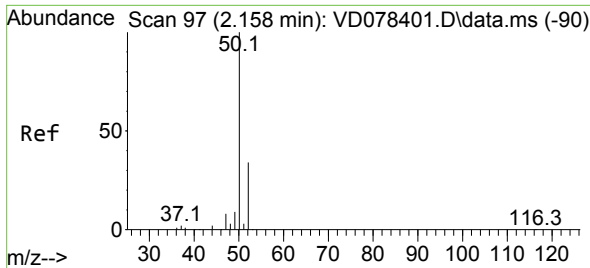
Tgt Ion:168 Resp: 179672
Ion Ratio Lower Upper
168 100
99 49.9 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 16.064 ug/l
RT: 1.940 min Scan# 60
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion: 85 Resp: 28438
Ion Ratio Lower Upper
85 100
87 28.9 15.7 47.0

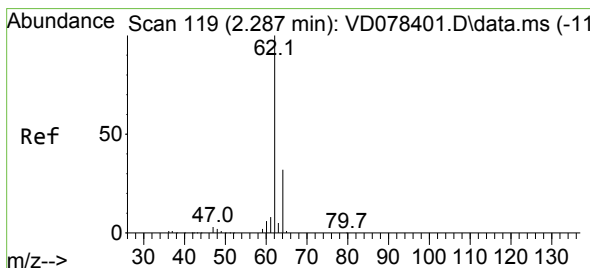
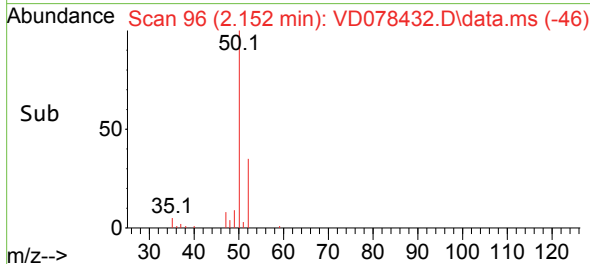
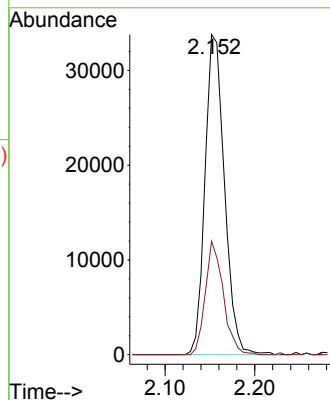
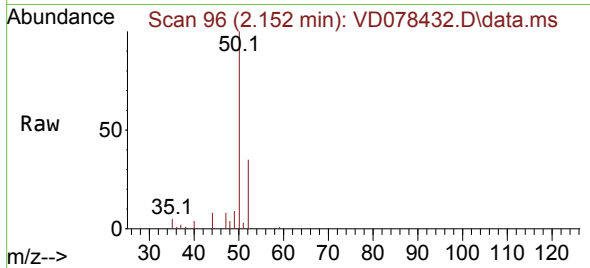




#3
Chloromethane
Concen: 15.653 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

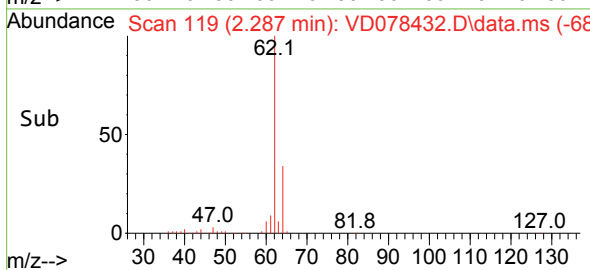
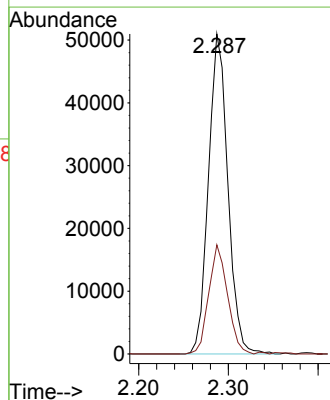
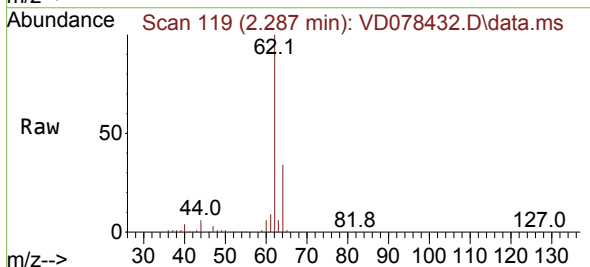
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

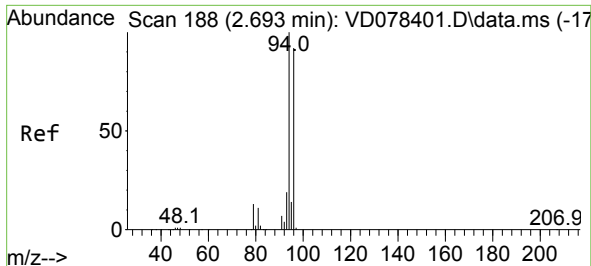
Tgt Ion: 50 Resp: 50924
Ion Ratio Lower Upper
50 100
52 35.4 26.6 40.0



#4
Vinyl Chloride
Concen: 15.421 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion: 62 Resp: 76555
Ion Ratio Lower Upper
62 100
64 34.1 26.0 39.0

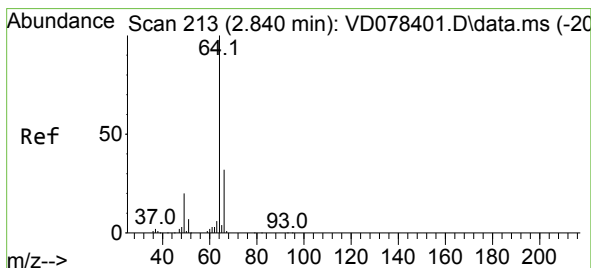
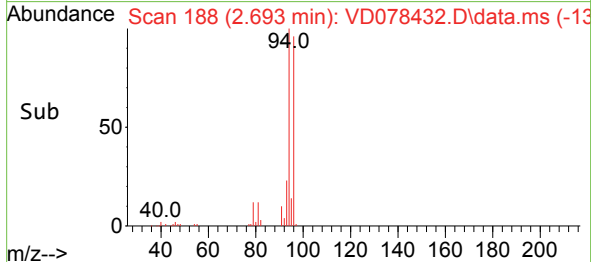
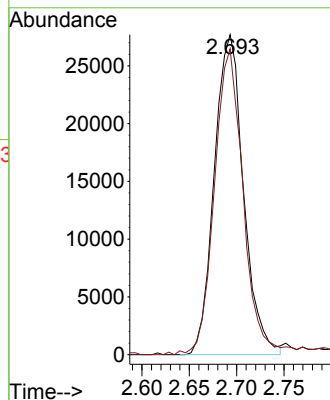
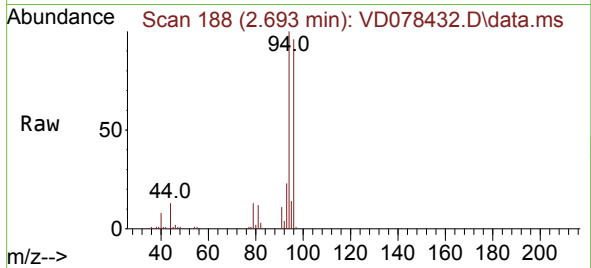




#5
Bromomethane
Concen: 17.331 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

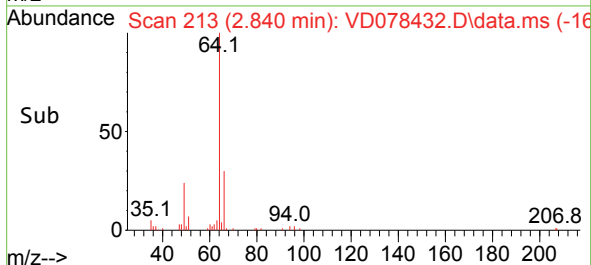
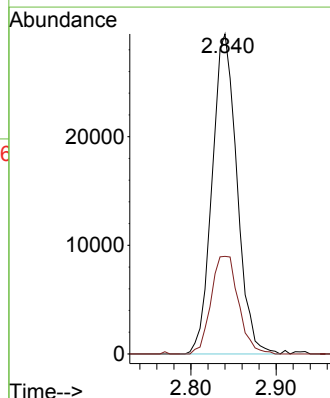
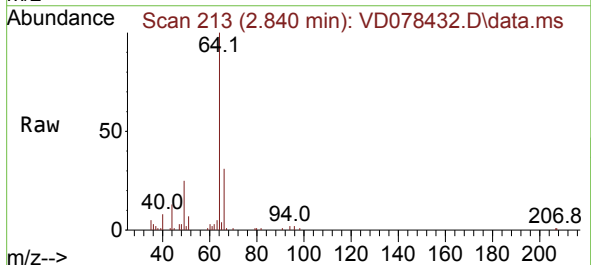
Instrument :
MSVOA_D
ClientSampleId :
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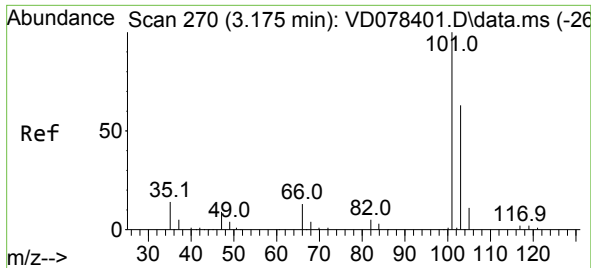
Tgt Ion: 94 Resp: 59389
Ion Ratio Lower Upper
94 100
96 94.4 75.8 113.8



#6
Chloroethane
Concen: 16.441 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion: 64 Resp: 59516
Ion Ratio Lower Upper
64 100
66 30.5 25.5 38.3

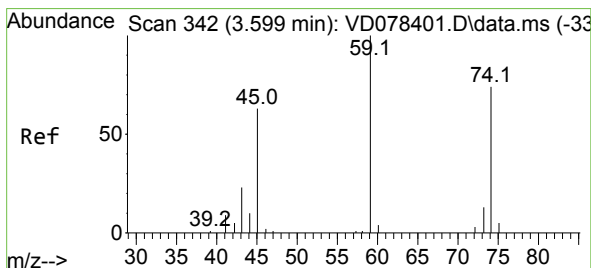
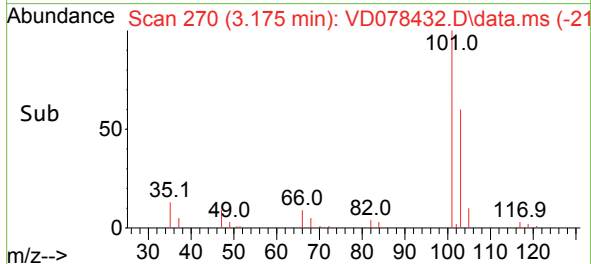
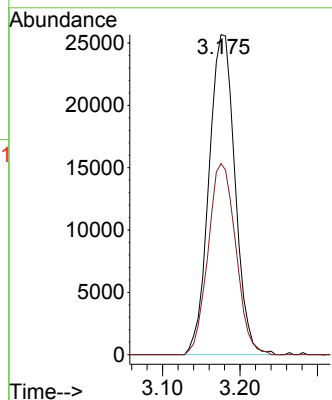
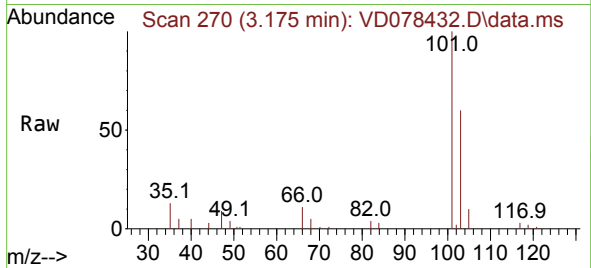




#7
Trichlorofluoromethane
Concen: 17.935 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

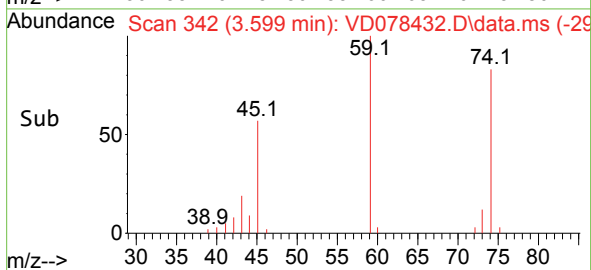
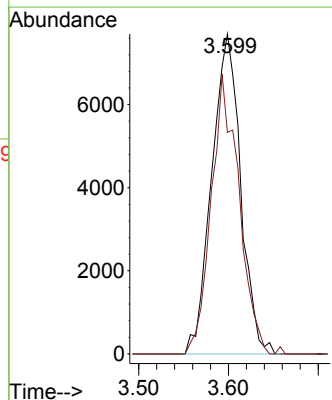
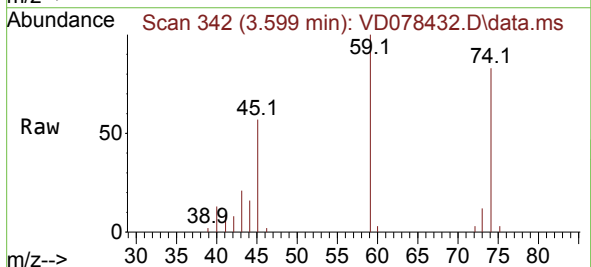
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VD0215SBSD01

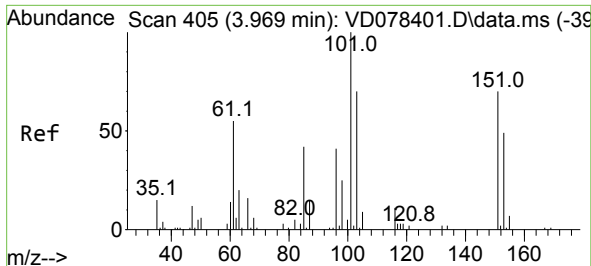
Tgt Ion:101 Resp: 60063
Ion Ratio Lower Upper
101 100
103 59.7 52.3 78.5



#8
Diethyl Ether
Concen: 17.824 ug/l
RT: 3.599 min Scan# 342
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion: 74 Resp: 17193
Ion Ratio Lower Upper
74 100
45 83.8 37.5 112.7

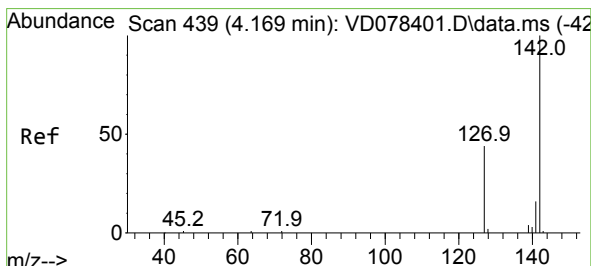
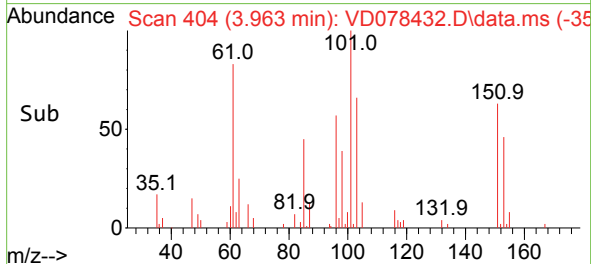
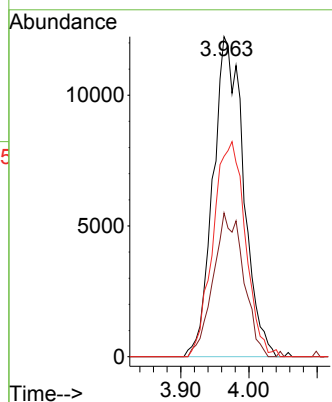
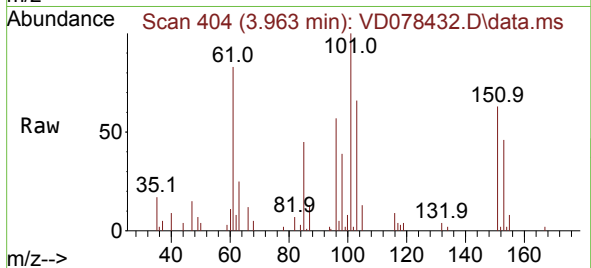




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.020 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078432.D
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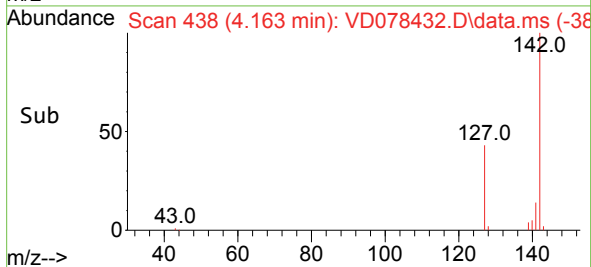
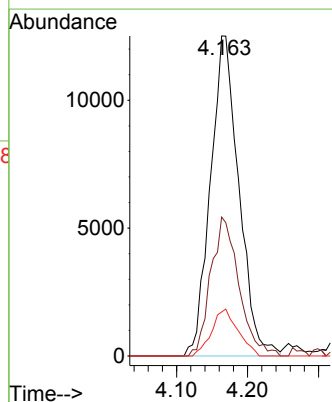
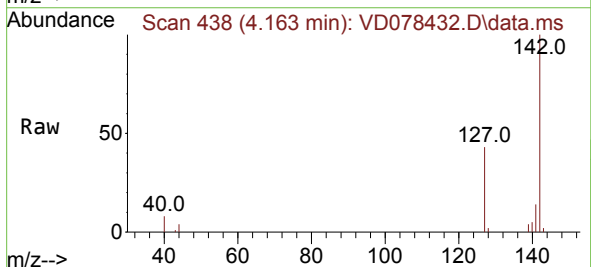
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VD0215SBS01

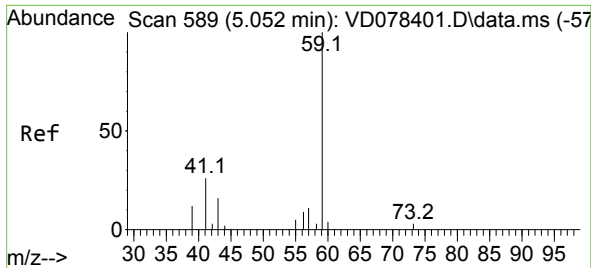
Tgt Ion:101 Resp: 38070
Ion Ratio Lower Upper
101 100
85 44.8 33.8 50.6
151 71.3 59.8 89.6



#10
Methyl Iodide
Concen: 18.389 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion:142 Resp: 34795
Ion Ratio Lower Upper
142 100
127 43.0 29.4 44.0
141 13.6 11.1 16.7

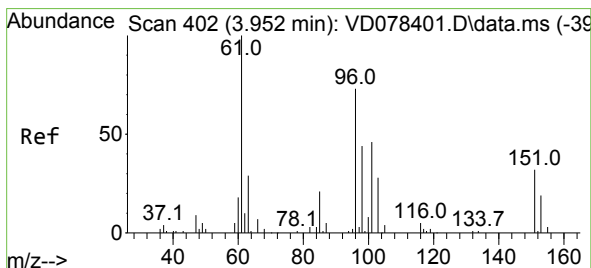
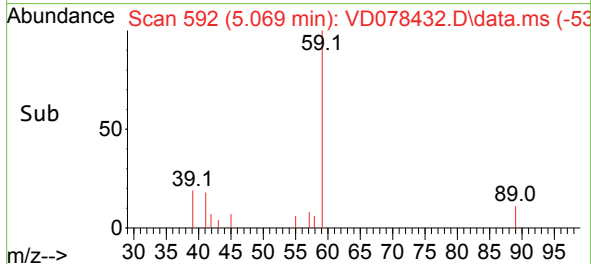
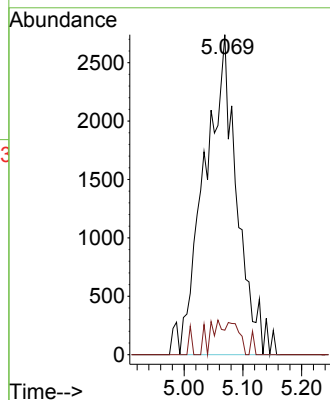
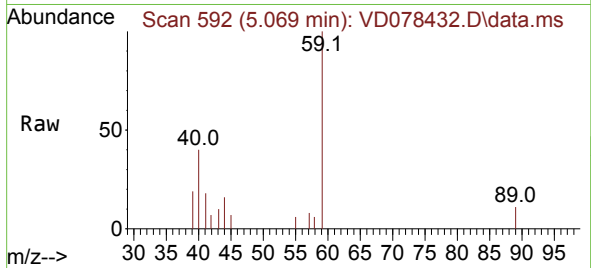




#11
Tert butyl alcohol
Concen: 95.218 ug/l
RT: 5.069 min Scan# 51
Delta R.T. 0.017 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

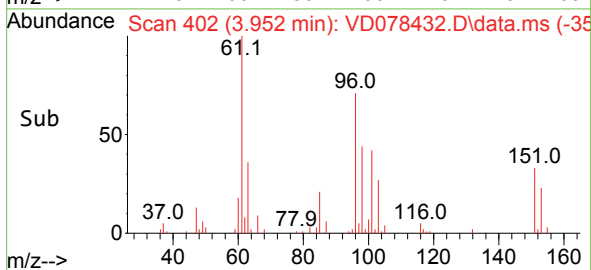
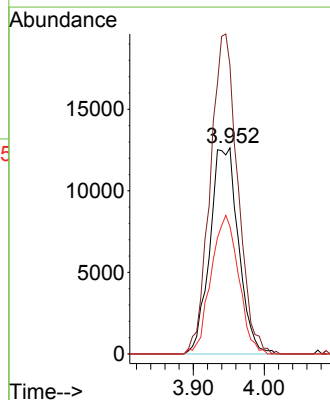
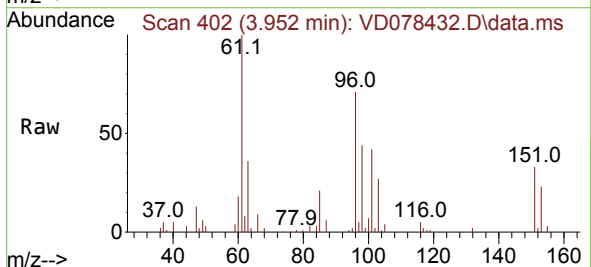
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

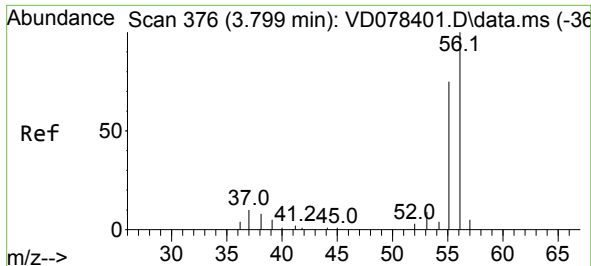
Tgt Ion: 59 Resp: 10394
Ion Ratio Lower Upper
59 100
57 3.9 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 18.017 ug/l
RT: 3.952 min Scan# 402
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion: 96 Resp: 35290
Ion Ratio Lower Upper
96 100
61 140.0 100.6 150.8
98 61.9 50.2 75.2





#13

Acrolein

Concen: 80.703 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

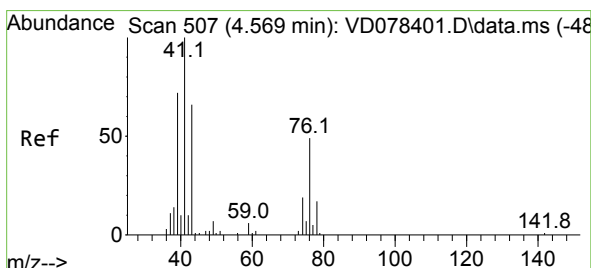
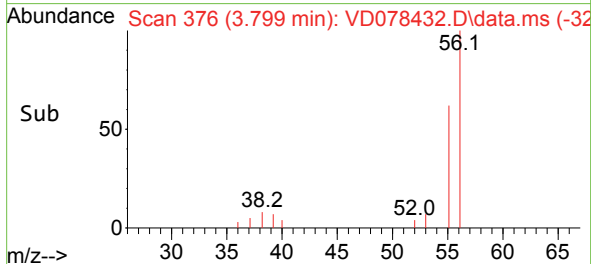
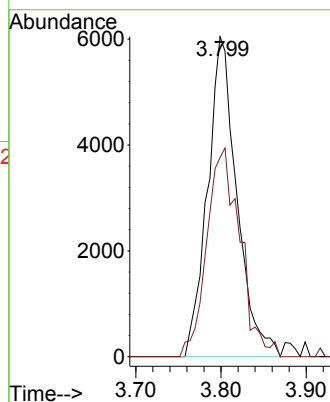
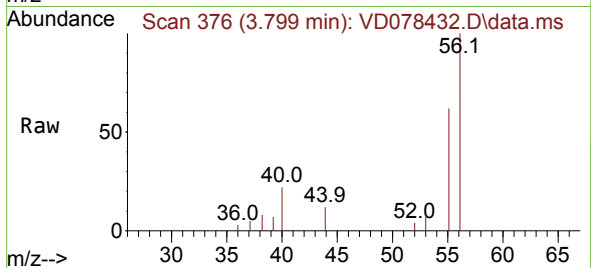
VD0215SBSD01

Tgt Ion: 56 Resp: 14484

Ion Ratio Lower Upper

56 100

55 73.9 55.1 82.7



#14

Allyl chloride

Concen: 17.802 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.012 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

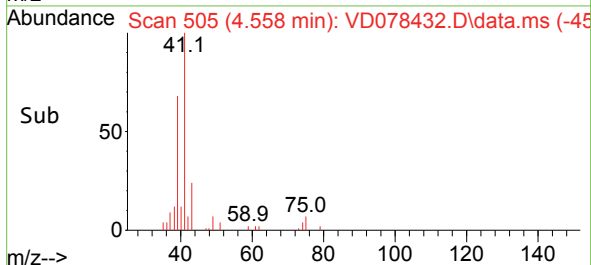
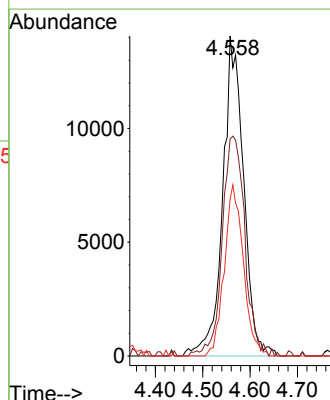
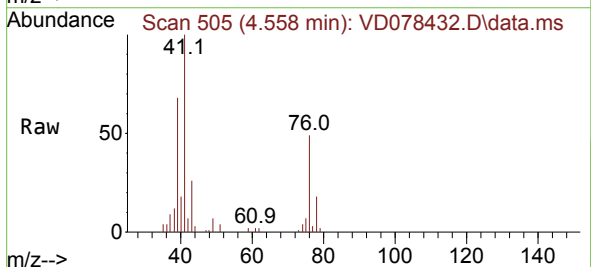
Tgt Ion: 41 Resp: 43074

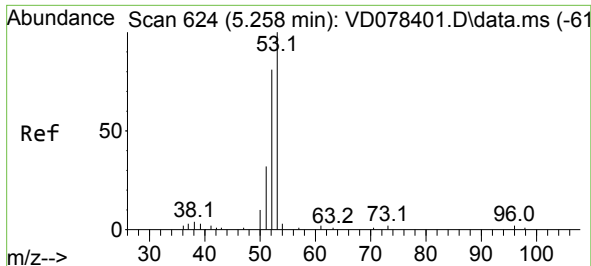
Ion Ratio Lower Upper

41 100

39 74.0 53.8 80.6

76 48.9 45.8 68.8





#15

Acrylonitrile

Concen: 83.577 ug/l

RT: 5.258 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBSD01

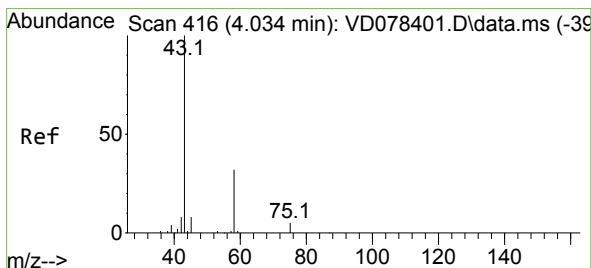
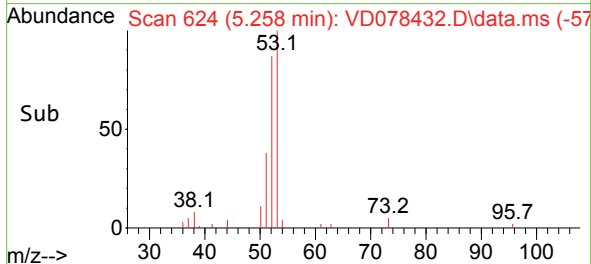
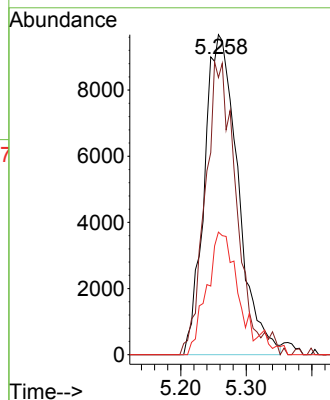
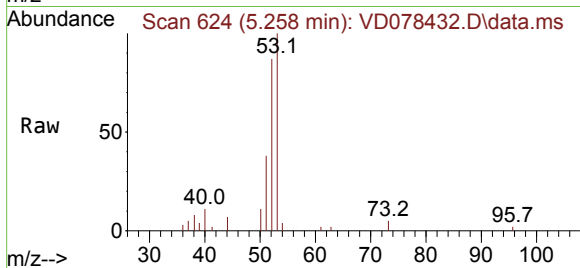
Tgt Ion: 53 Resp: 34511

Ion Ratio Lower Upper

53 100

52 82.6 65.0 97.4

51 34.9 28.3 42.5



#16

Acetone

Concen: 98.325 ug/l

RT: 4.028 min Scan# 415

Delta R.T. -0.006 min

Lab File: VD078432.D

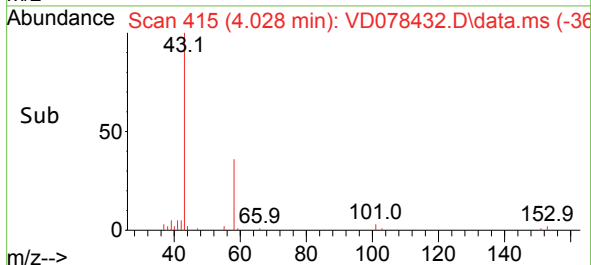
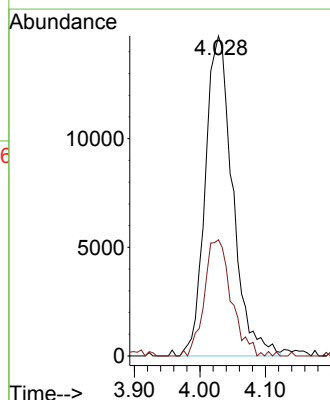
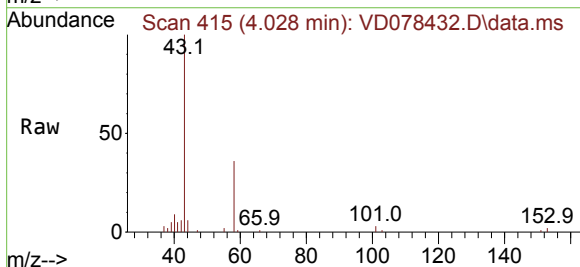
Acq: 15 Feb 2024 13:27

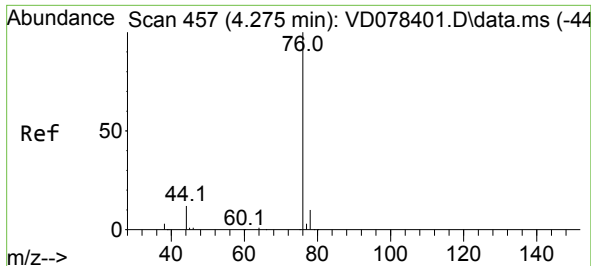
Tgt Ion: 43 Resp: 42857

Ion Ratio Lower Upper

43 100

58 36.3 34.7 52.1

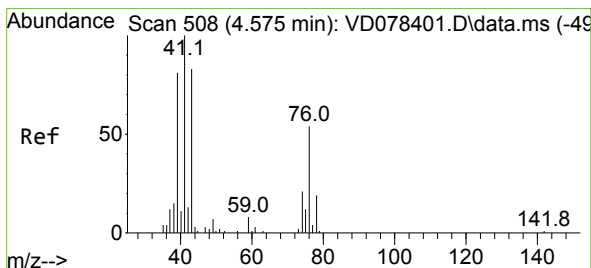
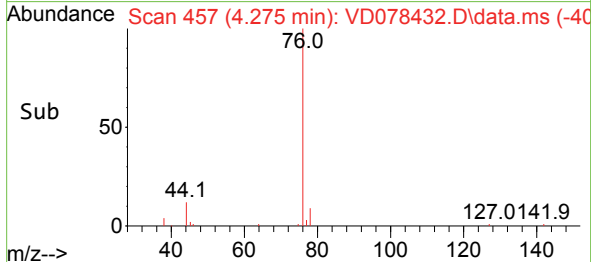
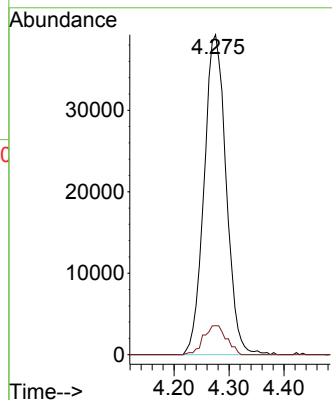
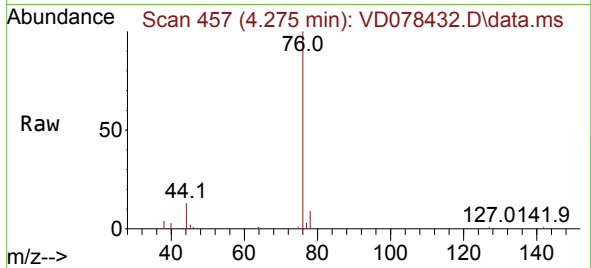




#17
Carbon Disulfide
Concen: 16.611 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

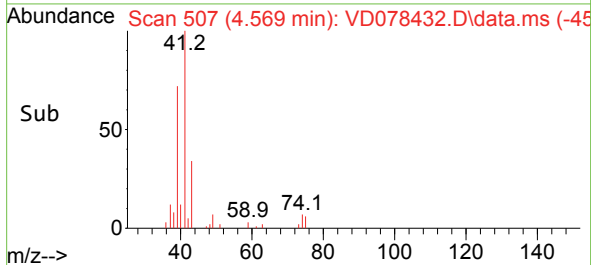
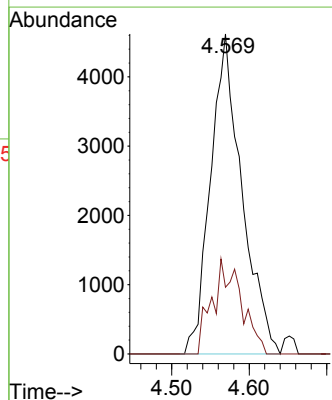
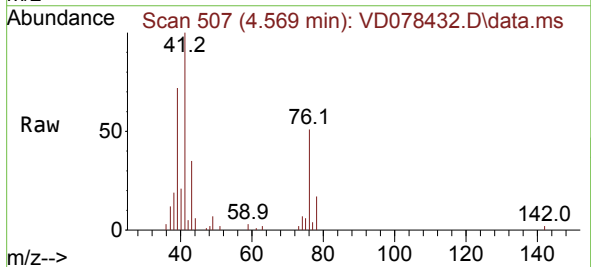
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

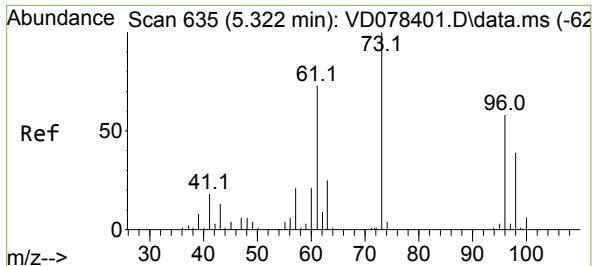
Tgt Ion: 76 Resp: 109478
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 12.617 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion: 43 Resp: 12996
Ion Ratio Lower Upper
43 100
74 27.5 26.4 39.6

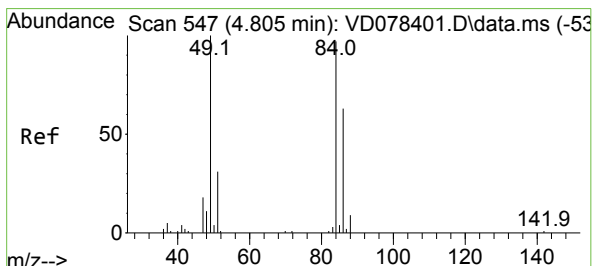
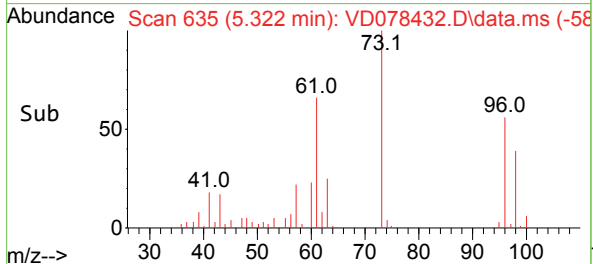
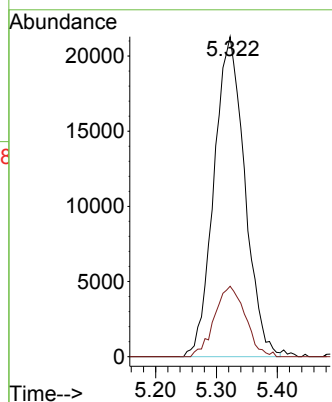
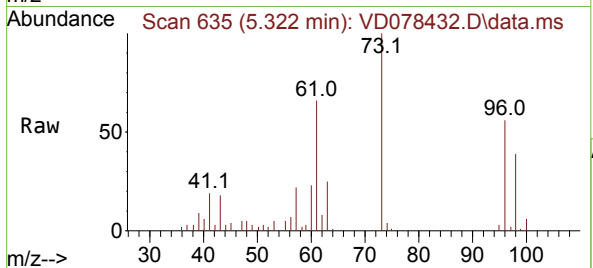




#19
Methyl tert-butyl Ether
Concen: 17.984 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

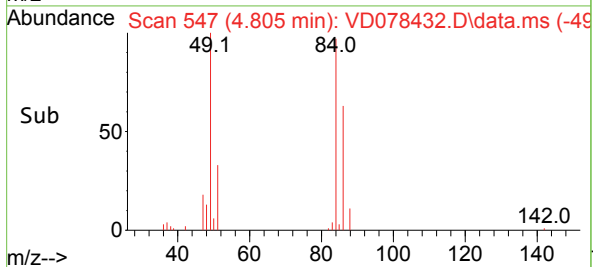
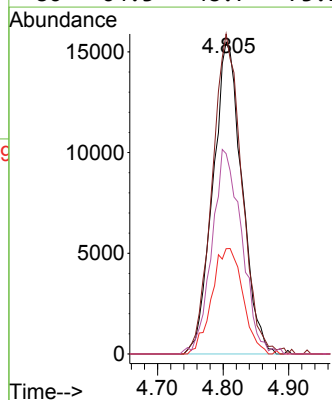
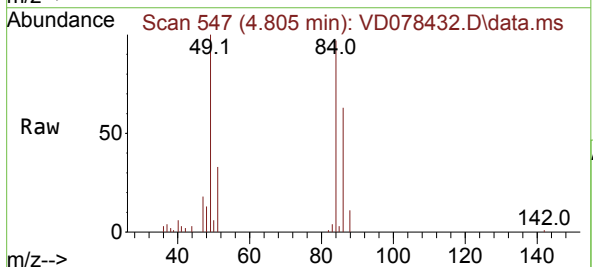
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

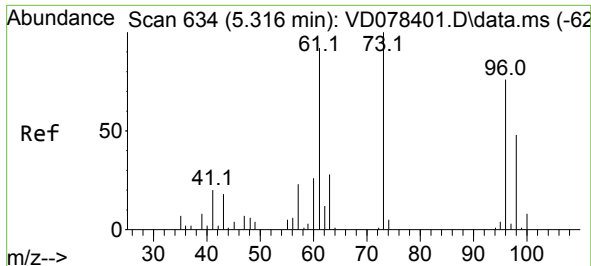
Tgt Ion: 73 Resp: 74838
Ion Ratio Lower Upper
73 100
57 22.0 16.6 25.0



#20
Methylene Chloride
Concen: 19.762 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

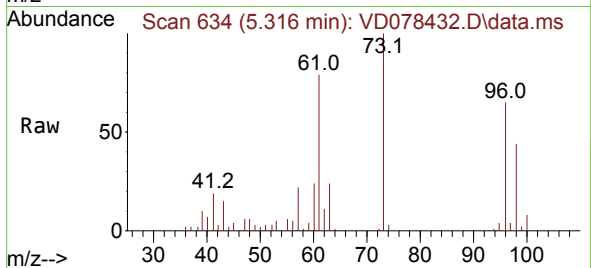
Tgt Ion: 84 Resp: 47603
Ion Ratio Lower Upper
84 100
49 102.7 71.4 107.2
51 33.8 24.5 36.7
86 64.3 48.7 73.1



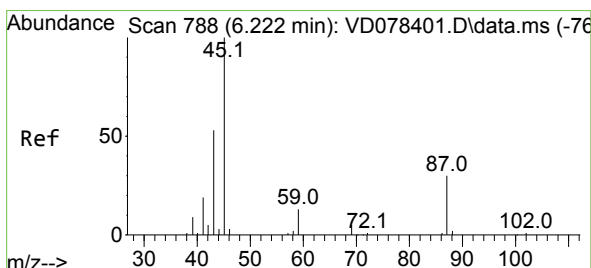
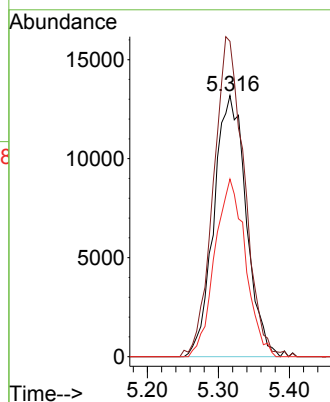
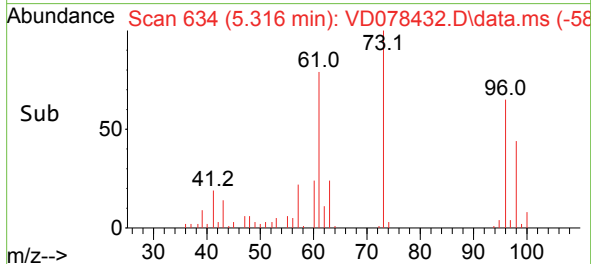


#21
trans-1,2-Dichloroethene
Concen: 18.053 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

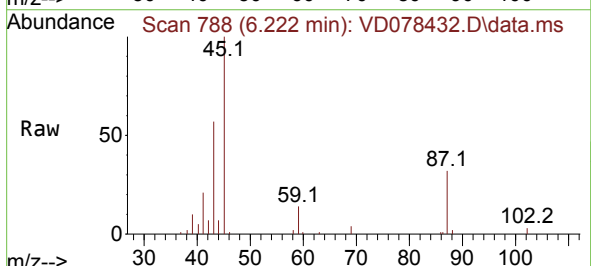
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01



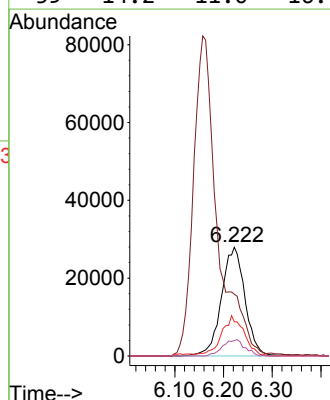
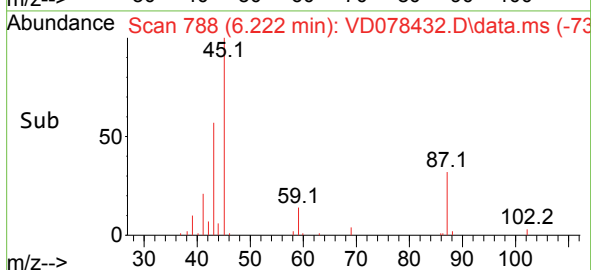
Tgt Ion:	96	Resp:	41598
Ion	Ratio	Lower	Upper
96	100		
61	120.8	89.3	133.9
98	68.0	48.6	73.0

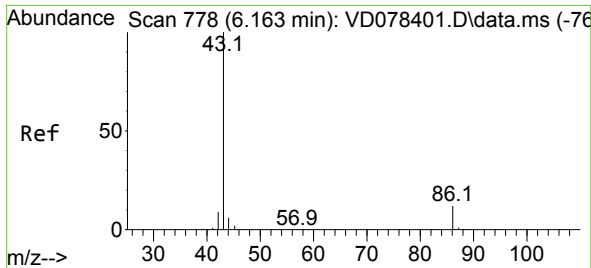


#22
Diisopropyl ether
Concen: 17.573 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27



Tgt Ion:	45	Resp:	93721
Ion	Ratio	Lower	Upper
45	100		
43	54.8	40.0	60.0
87	31.5	28.2	42.4
59	14.2	11.0	16.4

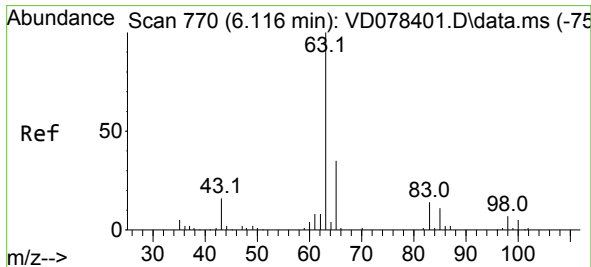
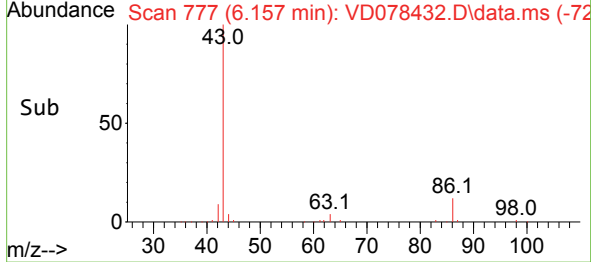
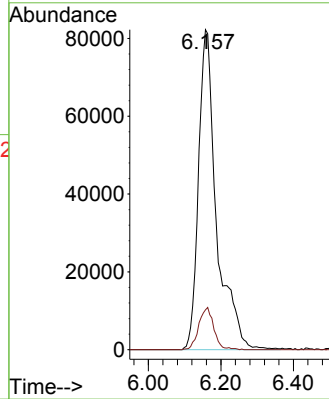
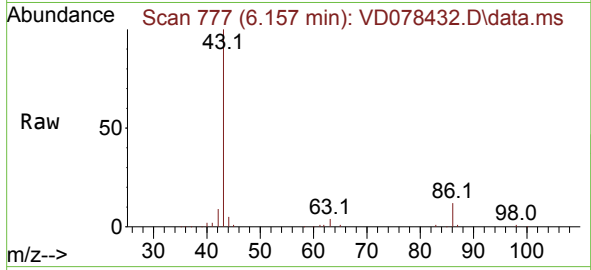




#23
 Vinyl Acetate
 Concen: 123.065 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD078432.D
 Acq: 15 Feb 2024 13:27

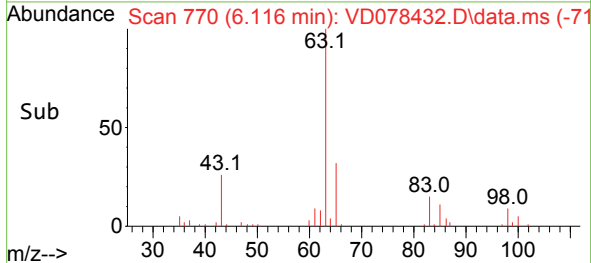
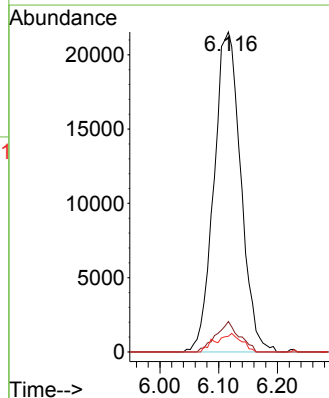
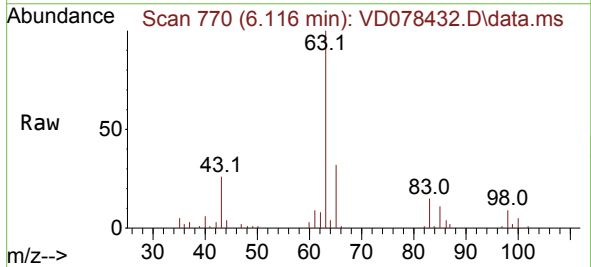
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0215SBSD01

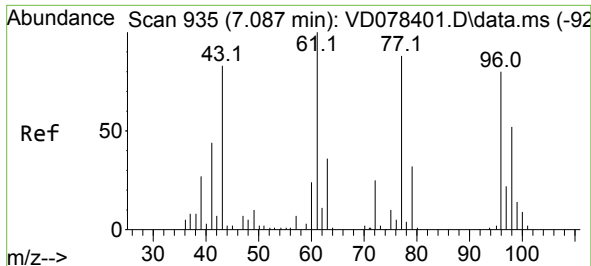
Tgt Ion: 43 Resp: 284550
 Ion Ratio Lower Upper
 43 100
 86 12.4 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 18.059 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078432.D
 Acq: 15 Feb 2024 13:27

Tgt Ion: 63 Resp: 68227
 Ion Ratio Lower Upper
 63 100
 98 9.5 4.5 13.7
 100 4.9 2.5 7.5





#25

2-Butanone

Concen: 91.426 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

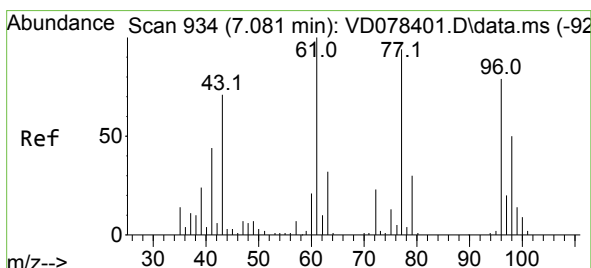
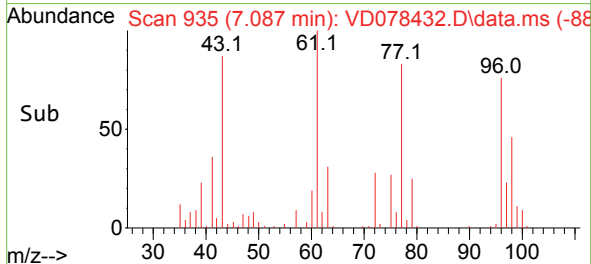
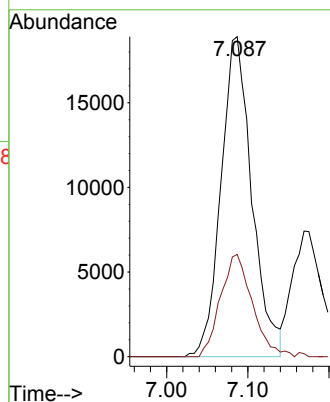
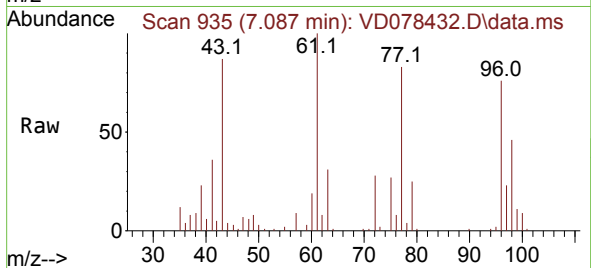
VD0215SBSD01

Tgt Ion: 43 Resp: 49902

Ion Ratio Lower Upper

43 100

72 31.9 30.7 46.1



#26

2,2-Dichloropropane

Concen: 18.666 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078432.D

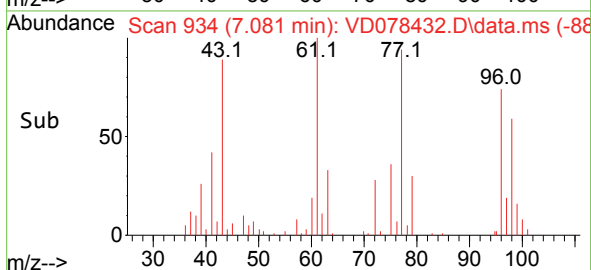
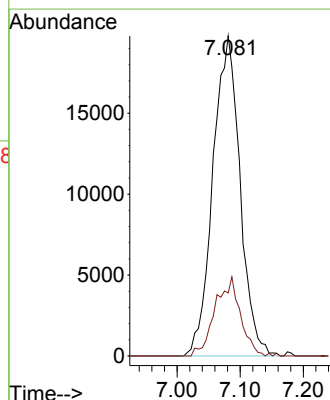
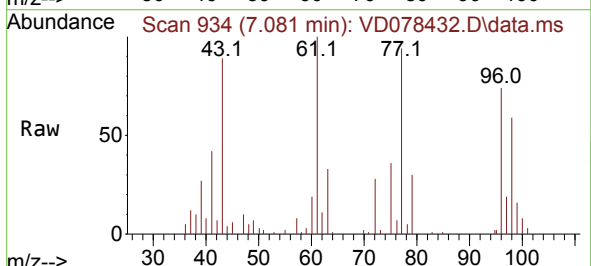
Acq: 15 Feb 2024 13:27

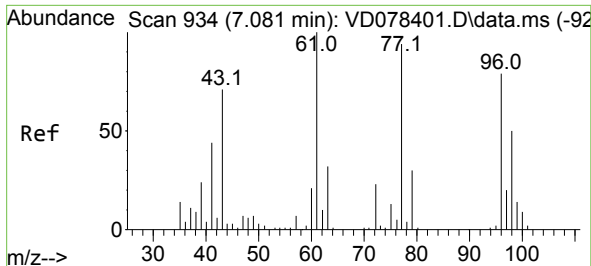
Tgt Ion: 77 Resp: 59116

Ion Ratio Lower Upper

77 100

97 22.9 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 17.982 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBS01

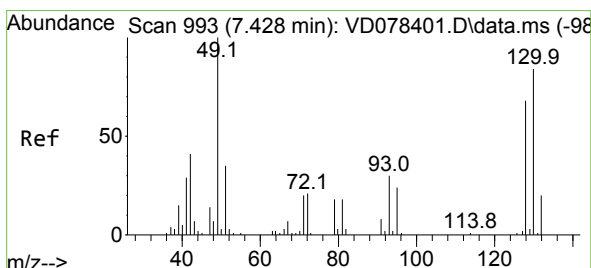
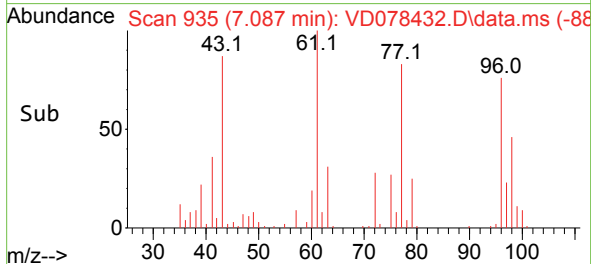
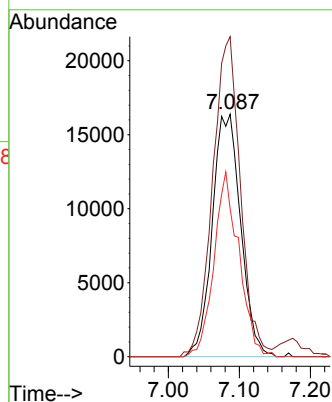
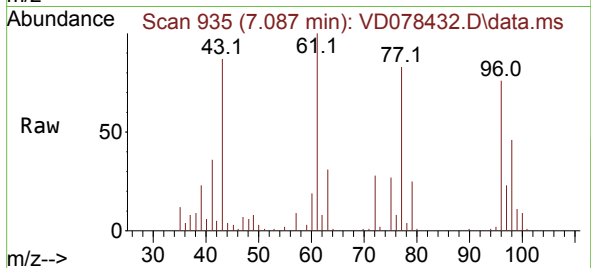
Tgt Ion: 96 Resp: 45460

Ion Ratio Lower Upper

96 100

61 128.9 0.0 239.2

98 67.1 0.0 128.6



#28

Bromochloromethane

Concen: 18.295 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

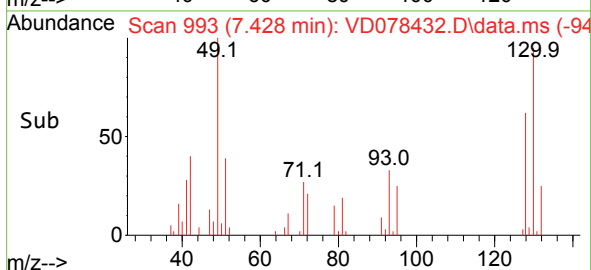
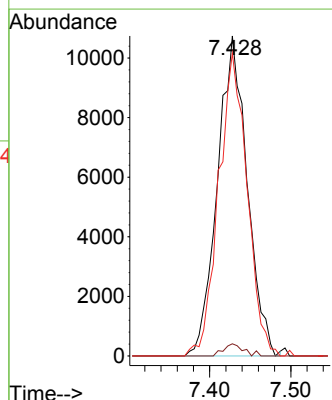
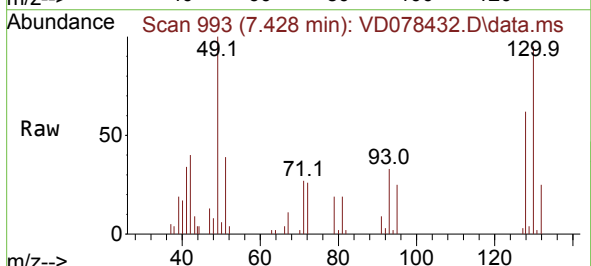
Tgt Ion: 49 Resp: 27377

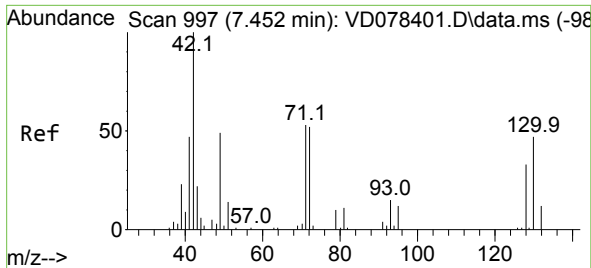
Ion Ratio Lower Upper

49 100

129 2.6 0.0 6.0

130 90.4 83.2 124.8

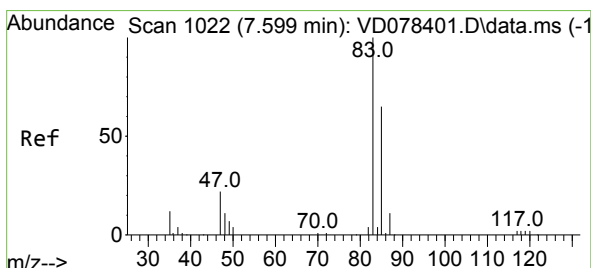
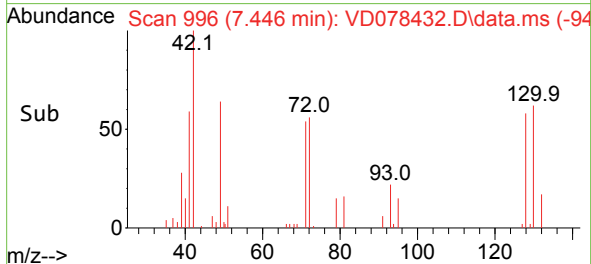
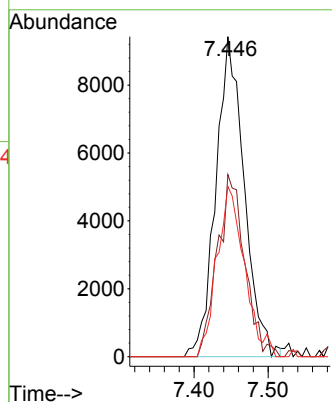
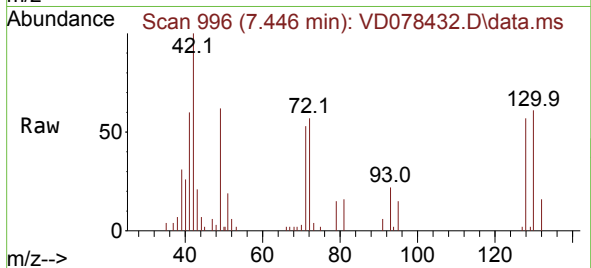




#29
Tetrahydrofuran
Concen: 86.705 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

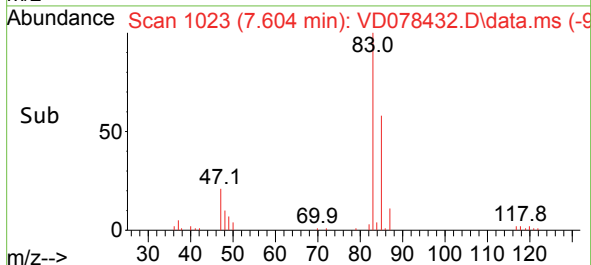
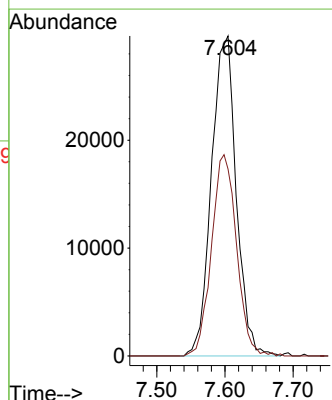
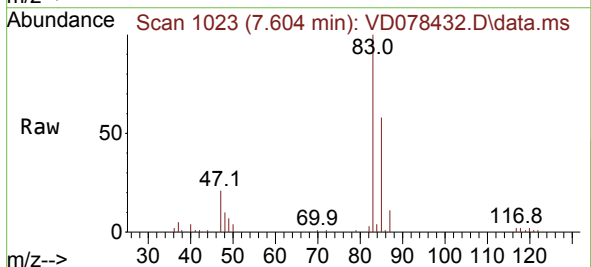
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

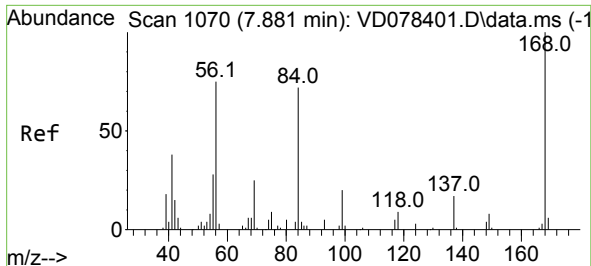
Tgt Ion: 42 Resp: 25050
Ion Ratio Lower Upper
42 100
72 55.1 46.5 69.7
71 51.8 44.5 66.7



#30
Chloroform
Concen: 18.792 ug/l
RT: 7.604 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion: 83 Resp: 75117
Ion Ratio Lower Upper
83 100
85 58.4 53.4 80.2

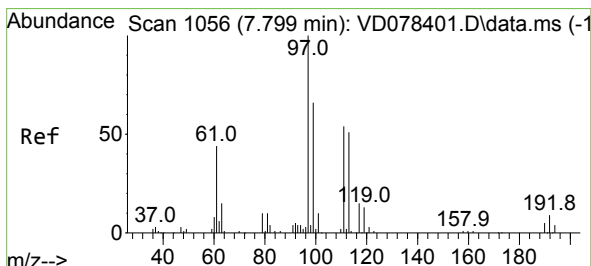
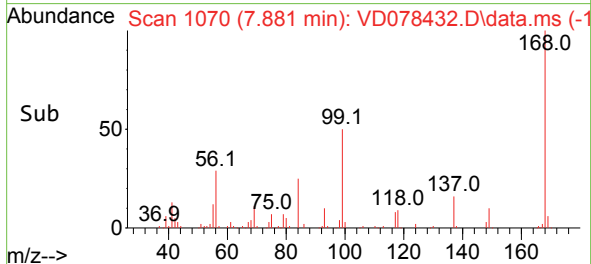
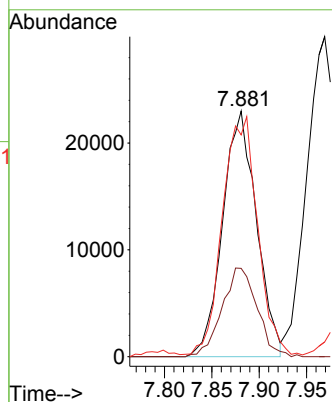
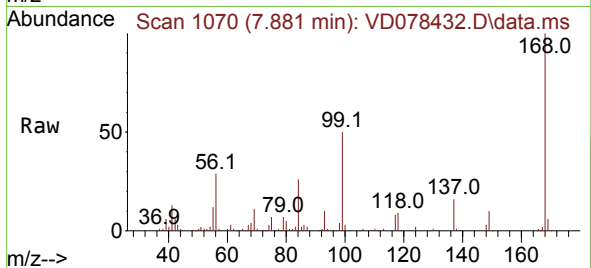




#31
Cyclohexane
Concen: 17.382 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

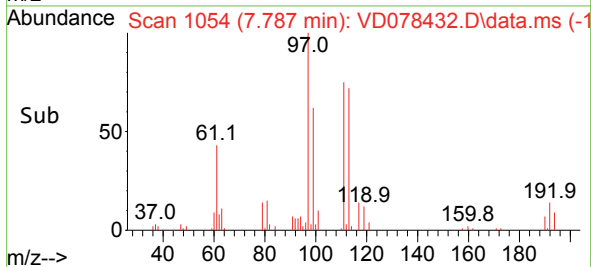
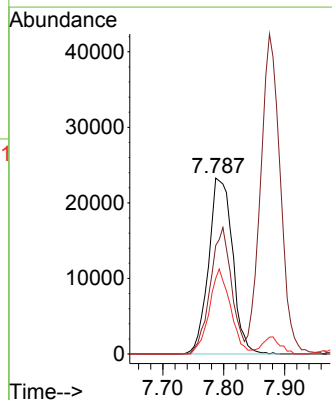
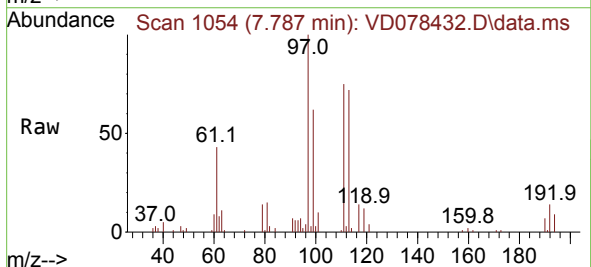
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

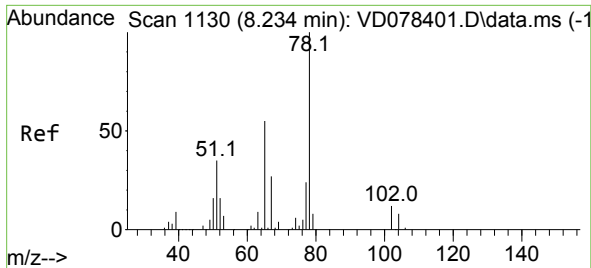
Tgt Ion: 56 Resp: 57123
Ion Ratio Lower Upper
56 100
69 36.0 28.6 43.0
84 89.5 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 18.641 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.012 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion: 97 Resp: 63530
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 42.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.939 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

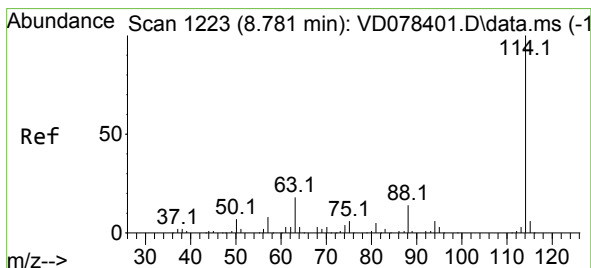
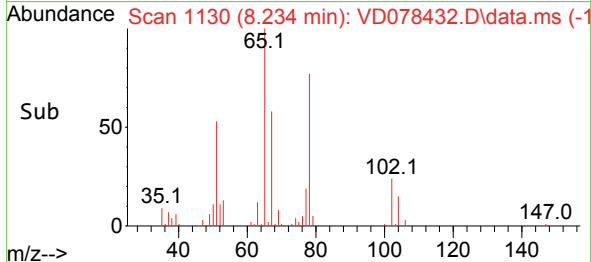
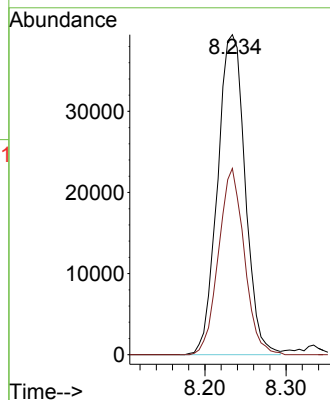
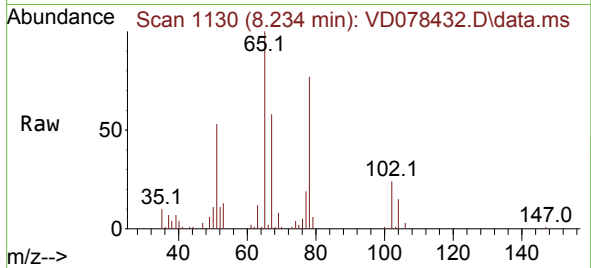
VD0215SBS01

Tgt Ion: 65 Resp: 93131

Ion Ratio Lower Upper

65 100

67 54.4 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: VD078432.D

Acq: 15 Feb 2024 13:27

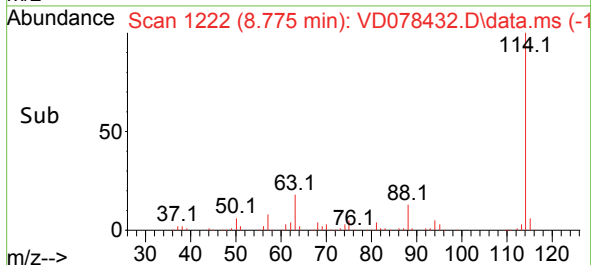
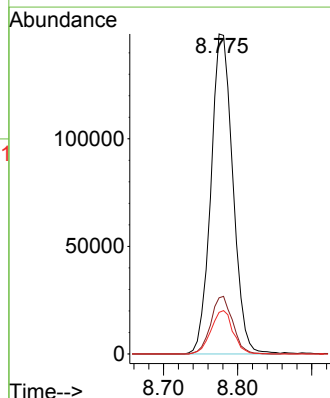
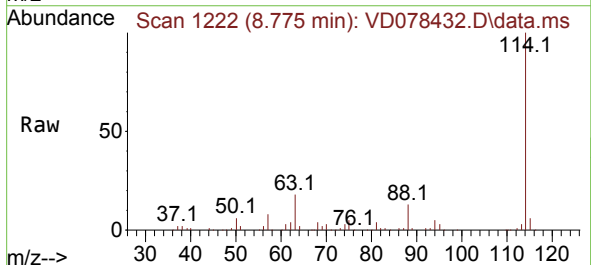
Tgt Ion:114 Resp: 305904

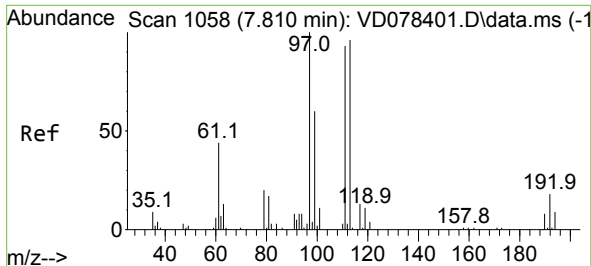
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 13.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.769 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBSD01

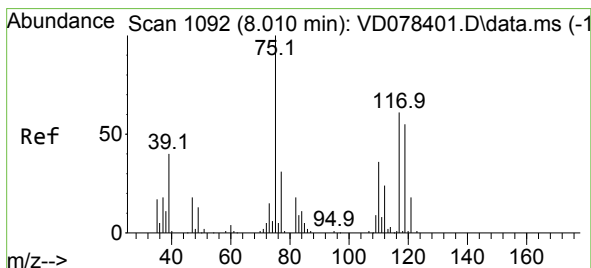
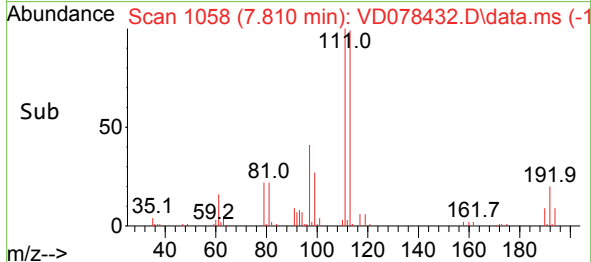
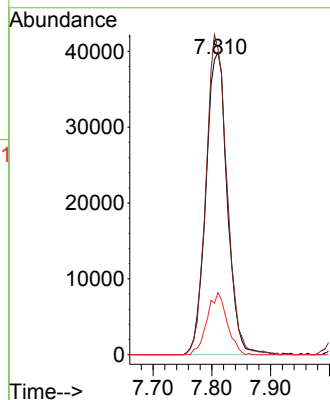
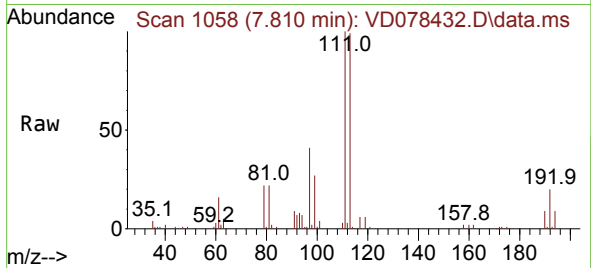
Tgt Ion:113 Resp: 100595

Ion Ratio Lower Upper

113 100

111 103.8 84.7 127.1

192 19.3 16.8 25.2



#36

1,1-Dichloropropene

Concen: 18.750 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

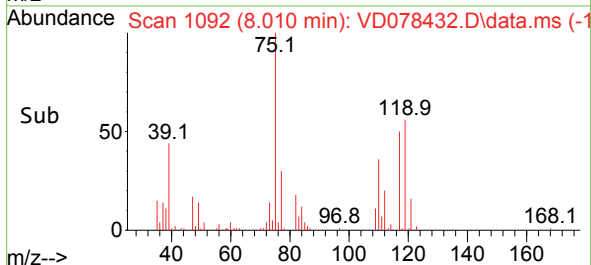
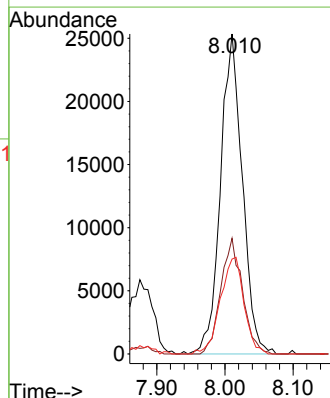
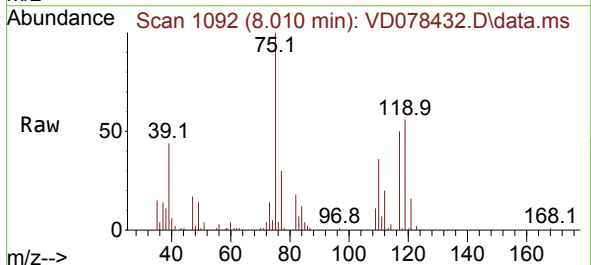
Tgt Ion: 75 Resp: 56601

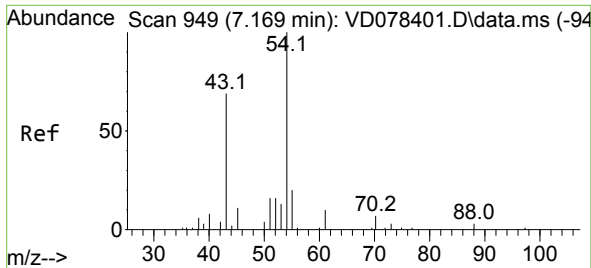
Ion Ratio Lower Upper

75 100

110 35.9 19.9 59.6

77 32.7 24.7 37.1

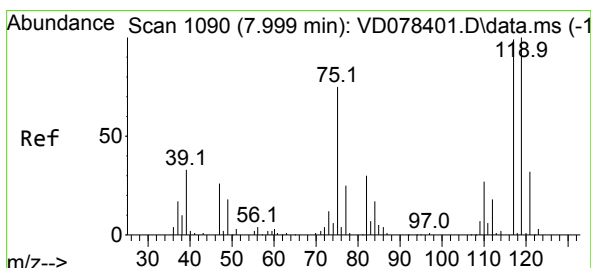
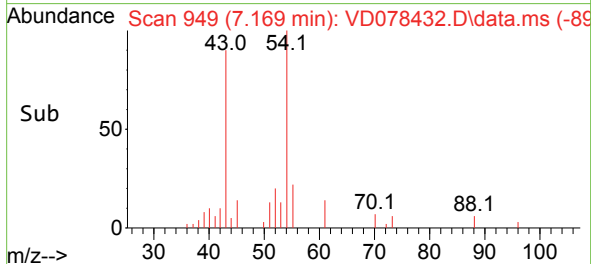
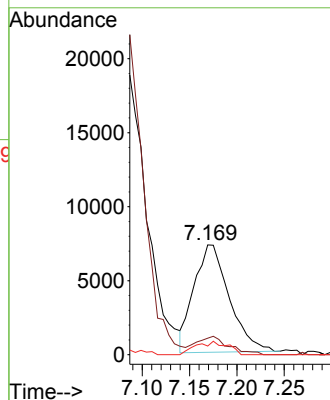
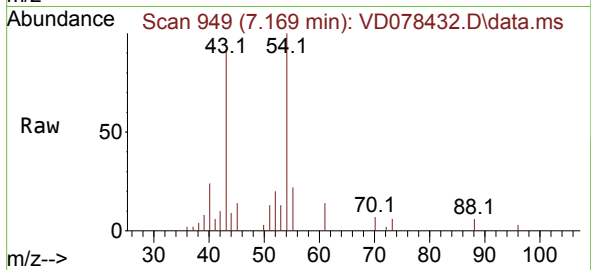




#37
Ethyl Acetate
Concen: 17.794 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

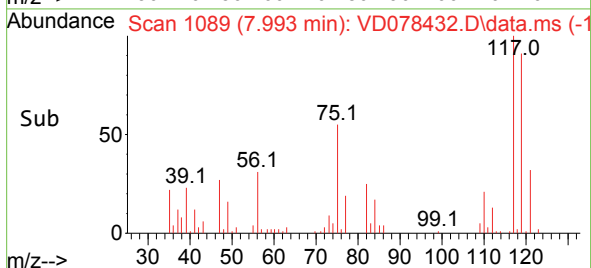
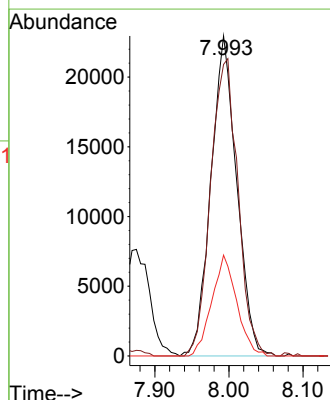
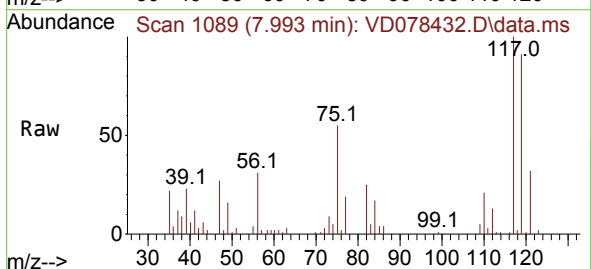
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

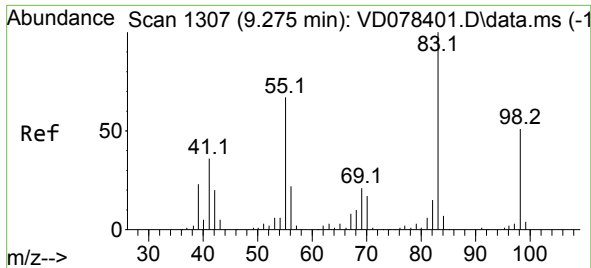
Tgt Ion: 43	Resp:	18829
Ion Ratio	Lower	Upper
43	100	
61	15.6	14.9 22.3
70	11.0	10.0 15.0



#38
Carbon Tetrachloride
Concen: 18.584 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion: 117	Resp:	55556
Ion Ratio	Lower	Upper
117	100	
119	91.1	78.0 117.0
121	31.5	24.2 36.2

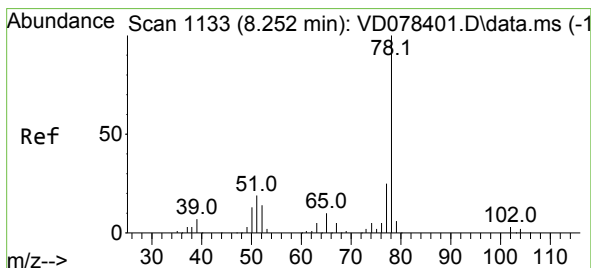
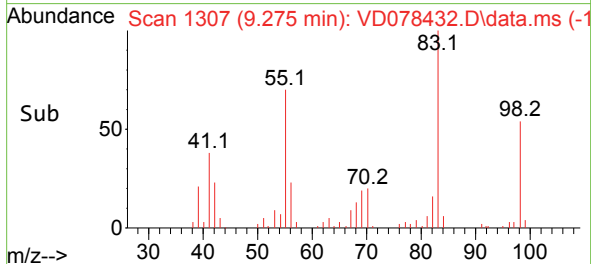
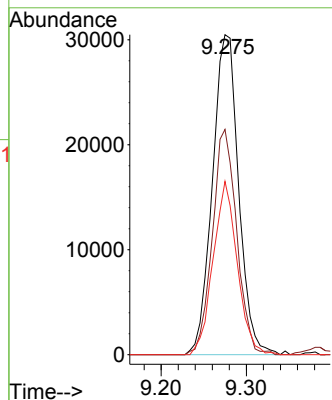
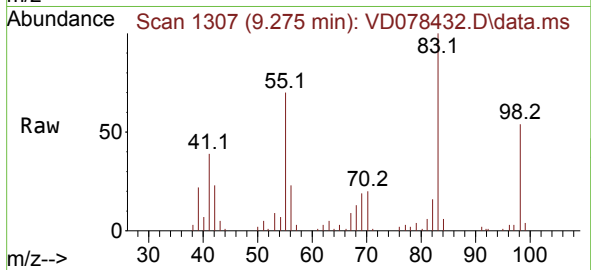




#39
Methylcyclohexane
Concen: 18.191 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

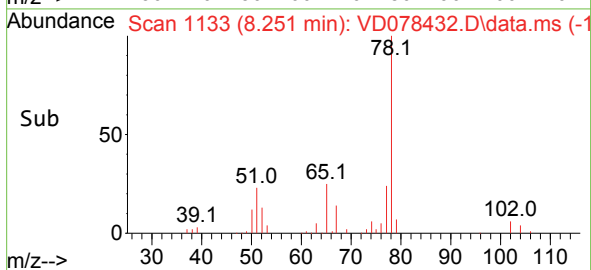
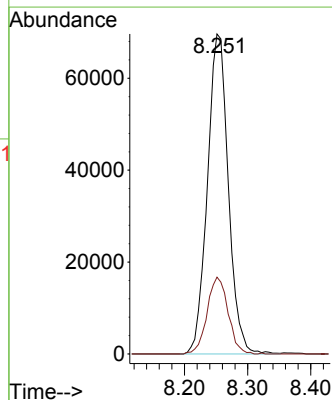
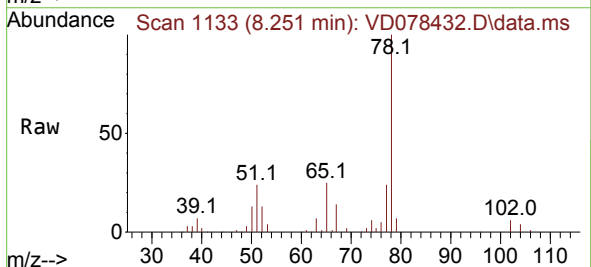
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

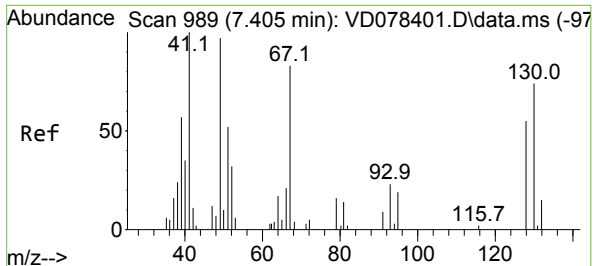
Tgt Ion: 83 Resp: 65191
Ion Ratio Lower Upper
83 100
55 70.4 49.4 74.0
98 54.2 38.4 57.6



#40
Benzene
Concen: 18.372 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion: 78 Resp: 160299
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0

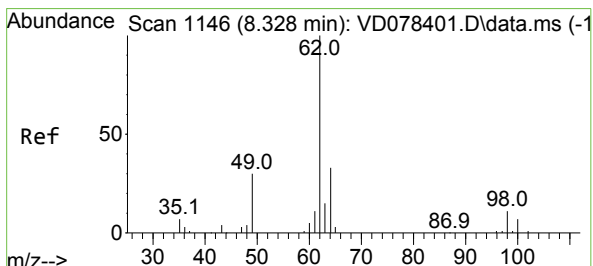
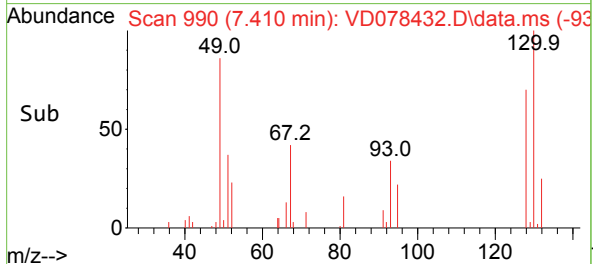
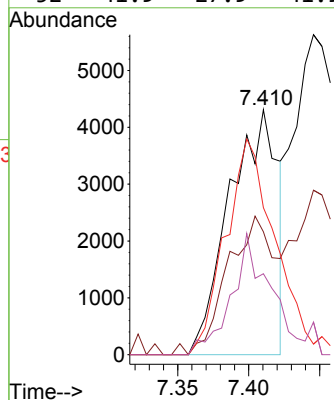
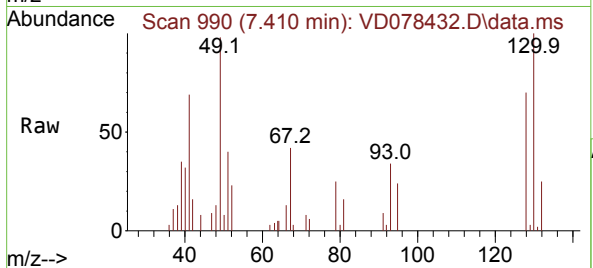




#41
Methacrylonitrile
Concen: 18.525 ug/l
RT: 7.410 min Scan# 990
Delta R.T. 0.006 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

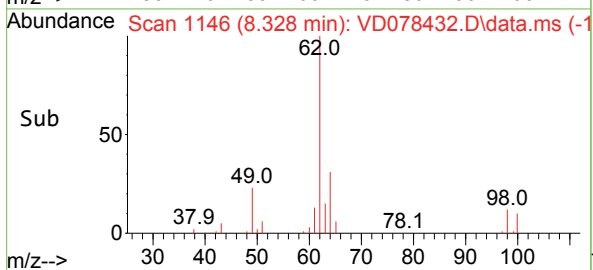
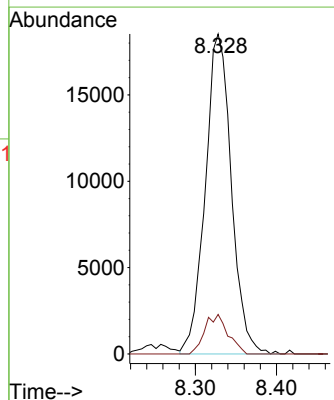
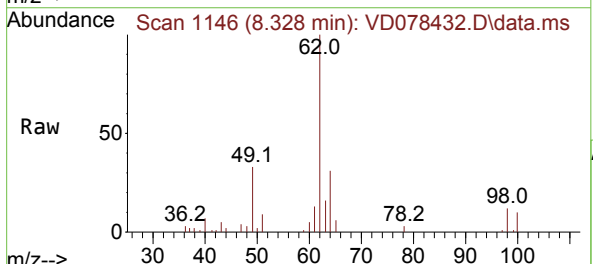
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

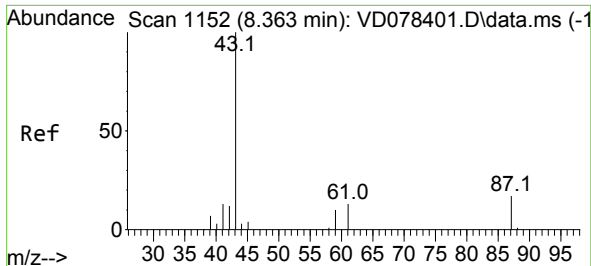
Tgt Ion: 41 Resp: 10202
Ion Ratio Lower Upper
41 100
39 55.6 34.0 51.0#
67 90.8 77.0 115.4
52 41.9 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 18.335 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion: 62 Resp: 41395
Ion Ratio Lower Upper
62 100
98 11.0 0.0 25.4

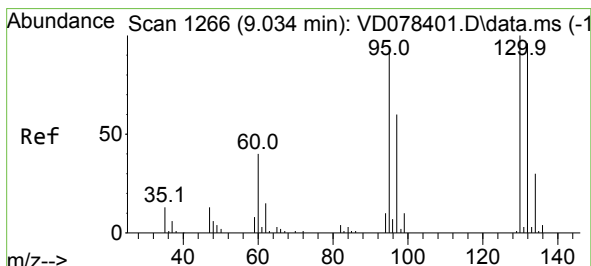
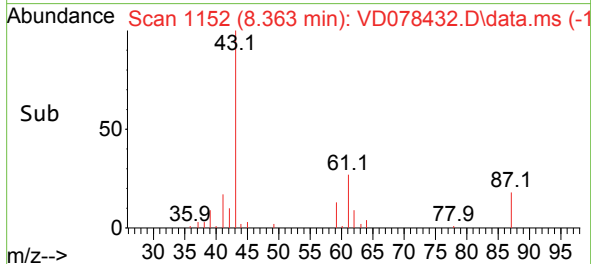
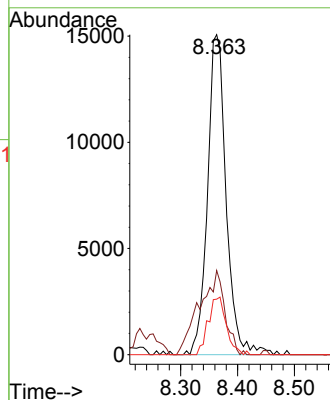
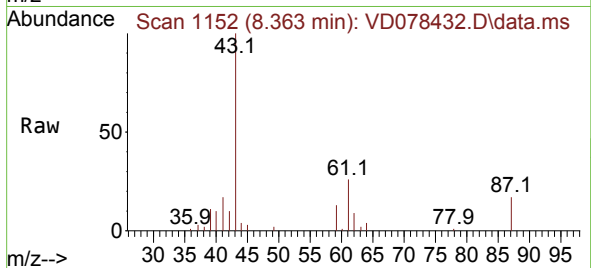




#43
Isopropyl Acetate
Concen: 17.558 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

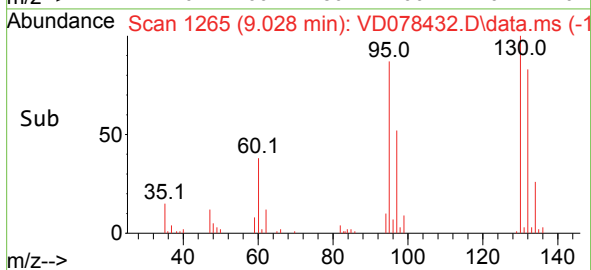
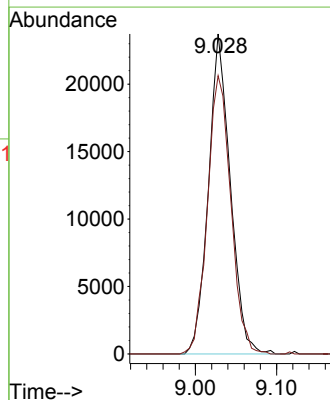
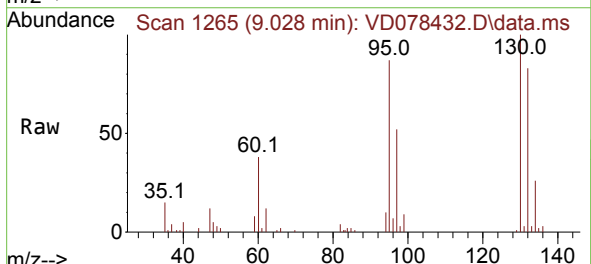
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

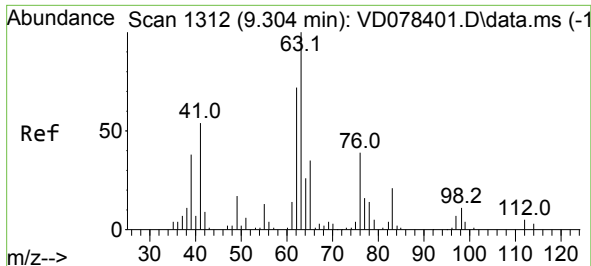
Tgt Ion: 43 Resp: 34405
Ion Ratio Lower Upper
43 100
61 35.8 31.4 47.0
87 17.4 14.9 22.3



#44
Trichloroethene
Concen: 19.986 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion:130 Resp: 44489
Ion Ratio Lower Upper
130 100
95 86.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 17.857 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

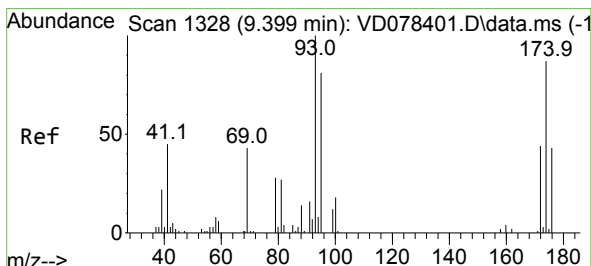
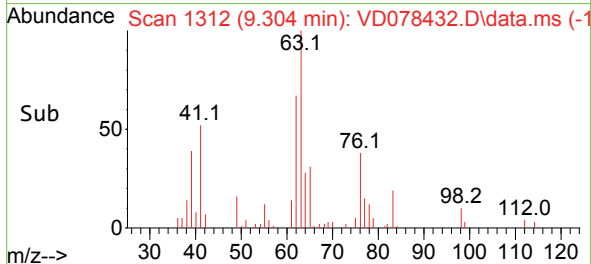
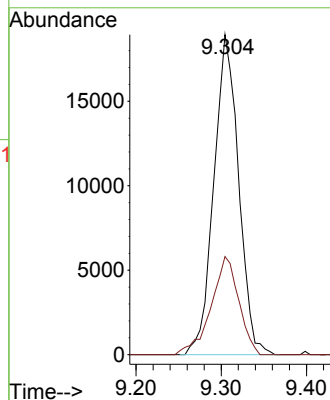
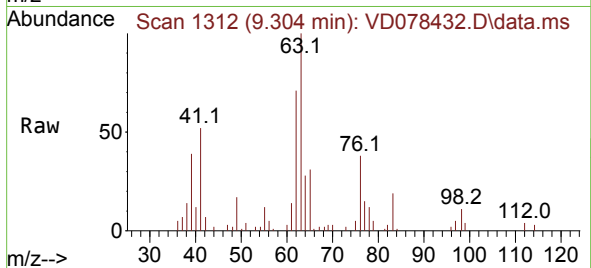
VD0215SBSD01

Tgt Ion: 63 Resp: 38227

Ion Ratio Lower Upper

63 100

65 30.6 24.5 36.7



#46

Dibromomethane

Concen: 18.687 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. -0.000 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

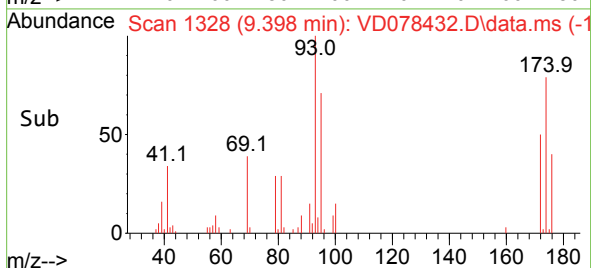
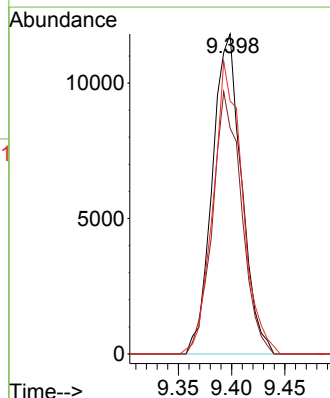
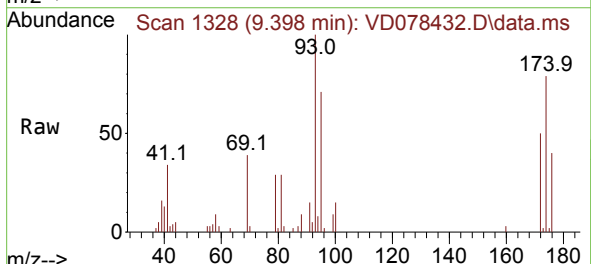
Tgt Ion: 93 Resp: 22501

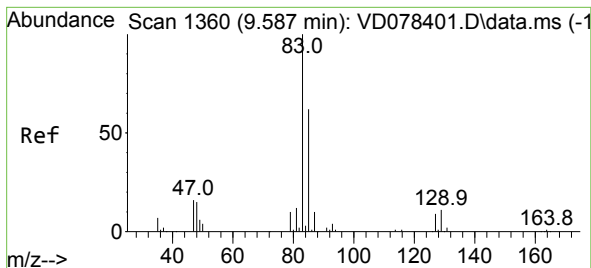
Ion Ratio Lower Upper

93 100

95 81.4 67.7 101.5

174 91.6 85.4 128.2





#47

Bromodichloromethane

Concen: 18.672 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBSD01

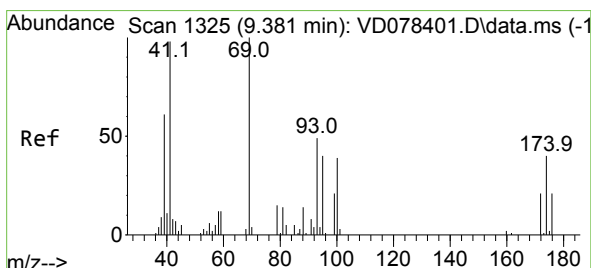
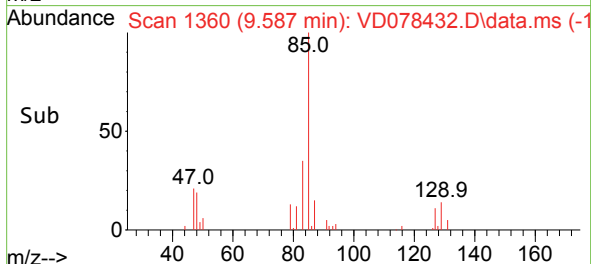
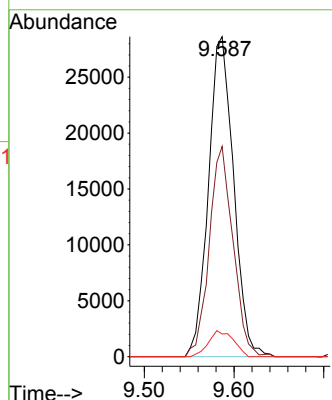
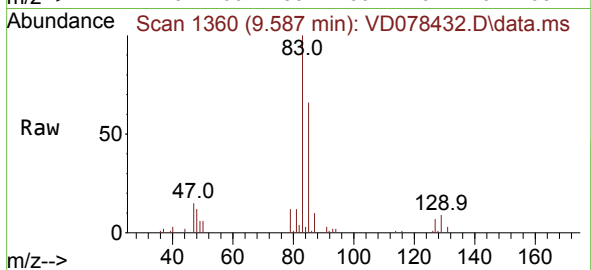
Tgt Ion: 83 Resp: 55689

Ion Ratio Lower Upper

83 100

85 65.7 50.2 75.4

127 7.1 6.3 9.5



#48

Methyl methacrylate

Concen: 15.052 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

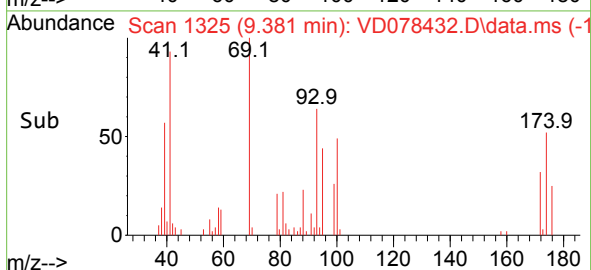
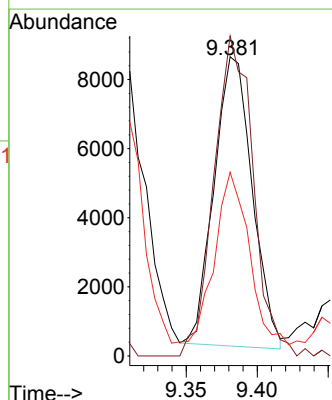
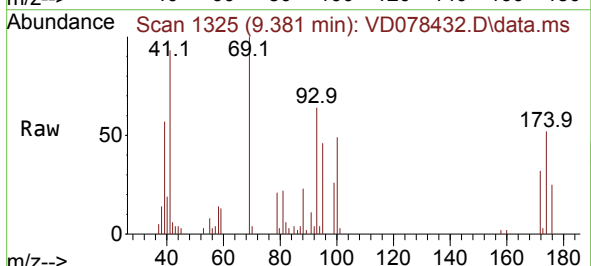
Tgt Ion: 41 Resp: 15648

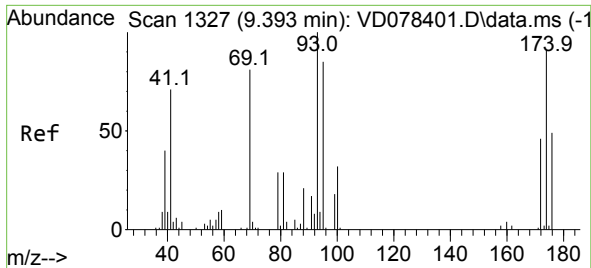
Ion Ratio Lower Upper

41 100

69 113.8 102.2 153.2

39 62.7 41.4 62.2#





#49

1,4-Dioxane

Concen: 341.867 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.012 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBSD01

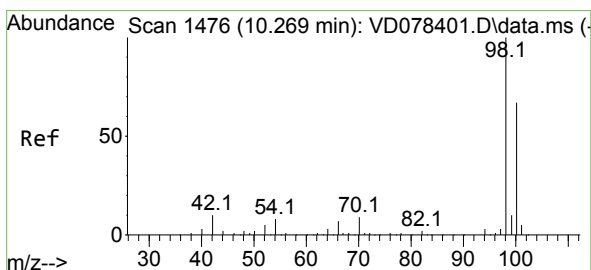
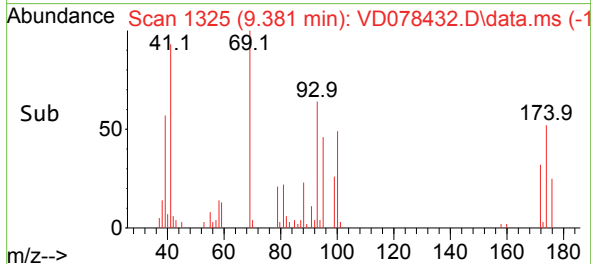
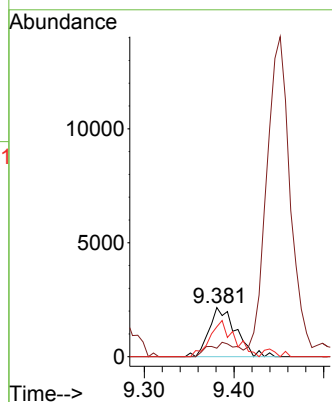
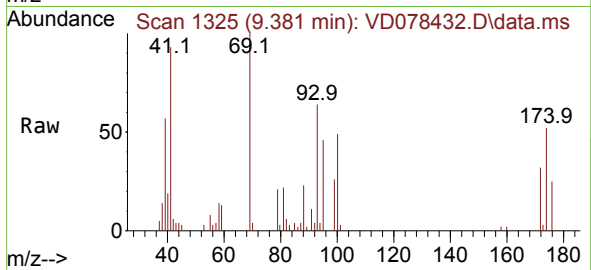
Tgt Ion: 88 Resp: 4458

Ion Ratio Lower Upper

88 100

43 30.2 19.0 28.6#

58 66.6 43.5 65.3#



#50

Toluene-d8

Concen: 52.073 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078432.D

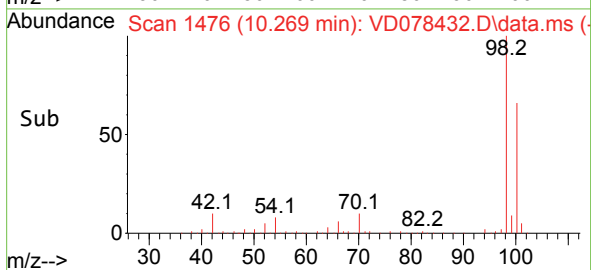
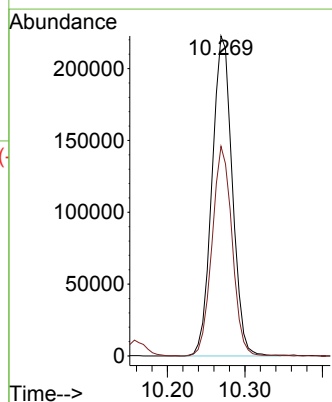
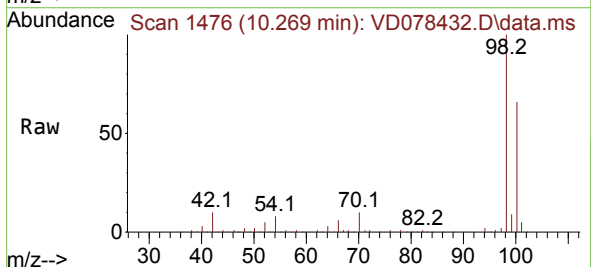
Acq: 15 Feb 2024 13:27

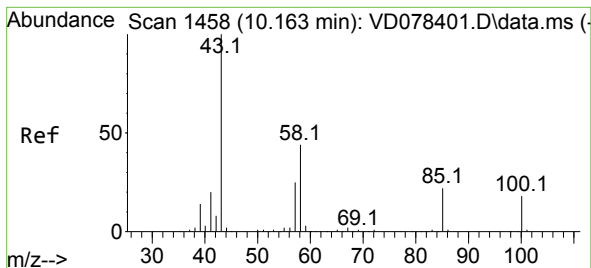
Tgt Ion: 98 Resp: 404767

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

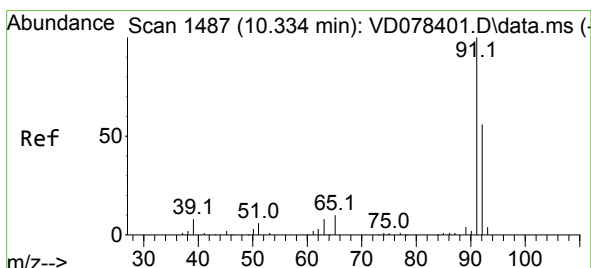
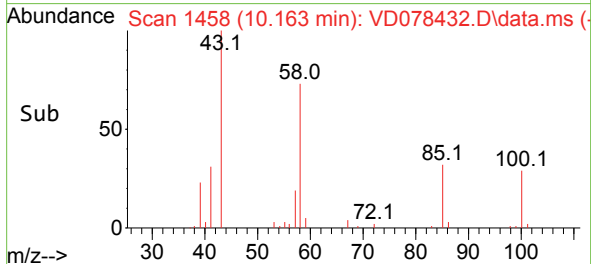
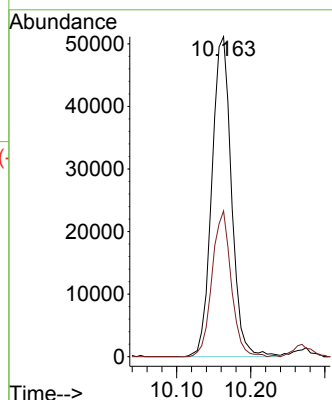
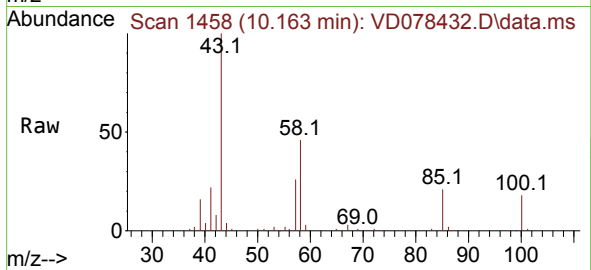




#51
4-Methyl-2-Pentanone
Concen: 90.517 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

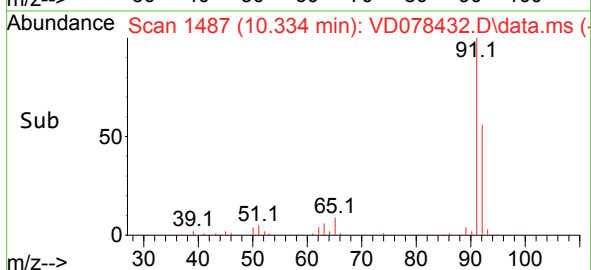
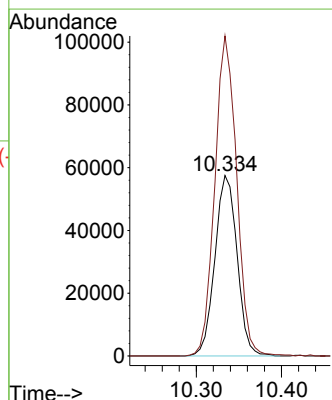
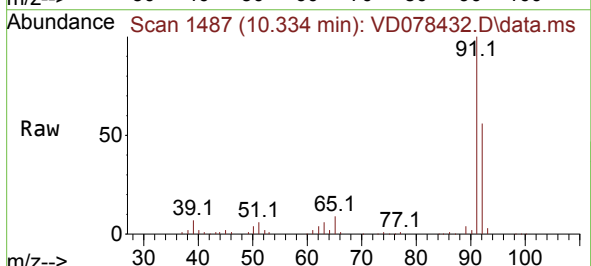
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

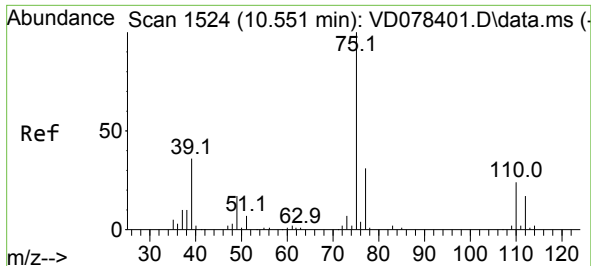
Tgt Ion: 43 Resp: 94137
Ion Ratio Lower Upper
43 100
58 44.5 38.9 58.3



#52
Toluene
Concen: 18.908 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion: 92 Resp: 104327
Ion Ratio Lower Upper
92 100
91 174.5 143.0 214.4

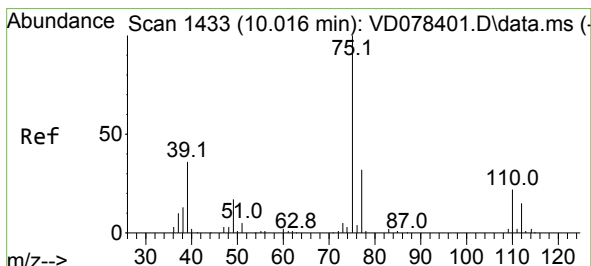
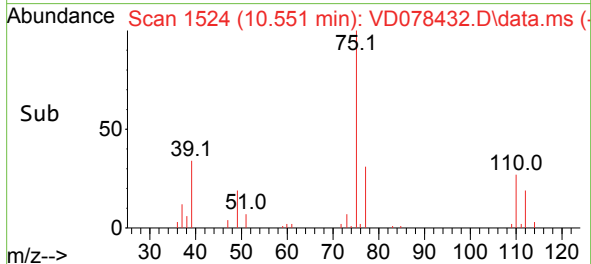
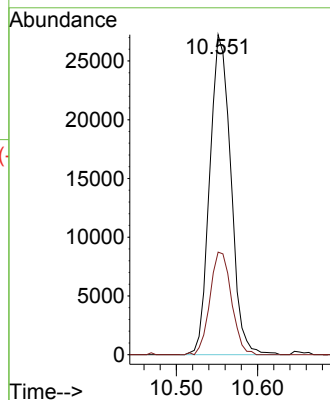
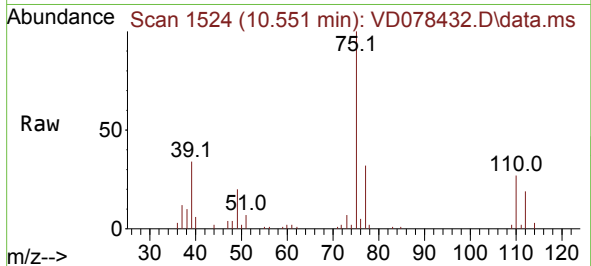




#53
t-1,3-Dichloropropene
Concen: 18.077 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

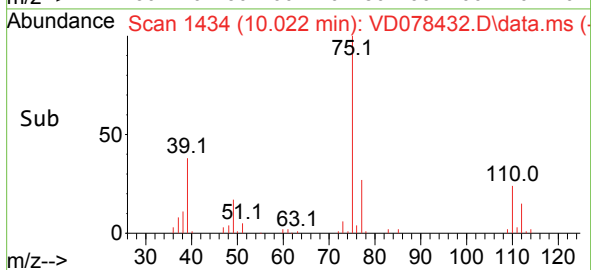
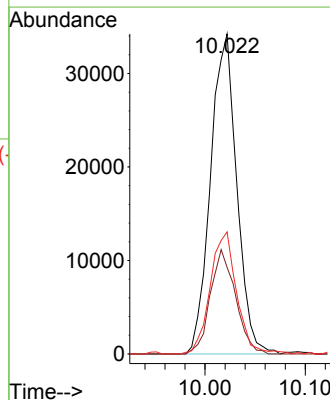
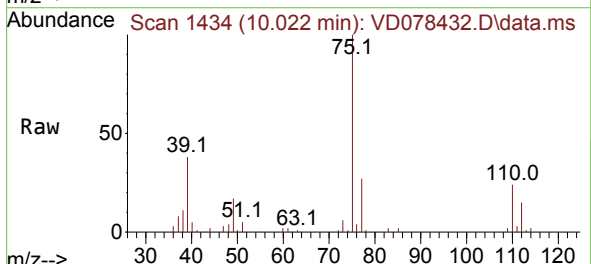
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

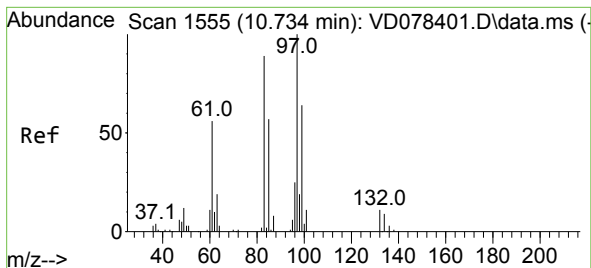
Tgt Ion: 75 Resp: 49195
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 18.873 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion: 75 Resp: 62280
Ion Ratio Lower Upper
75 100
77 27.0 25.5 38.3
39 38.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 18.698 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBSD01

Tgt Ion: 97 Resp: 30321

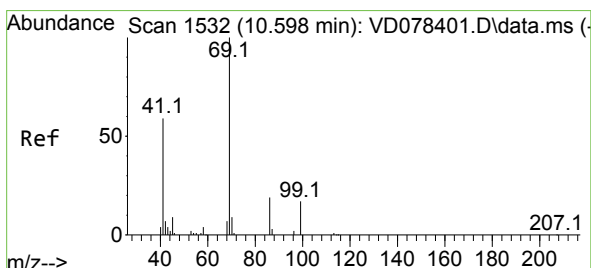
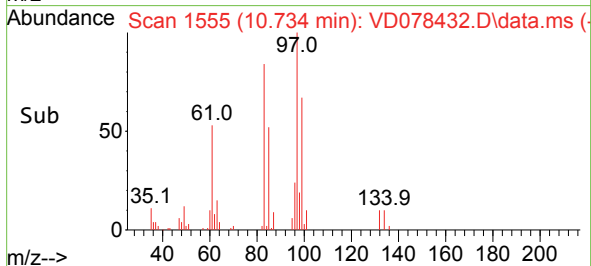
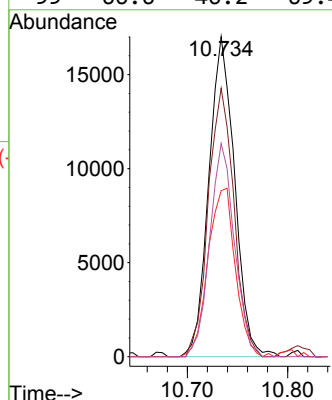
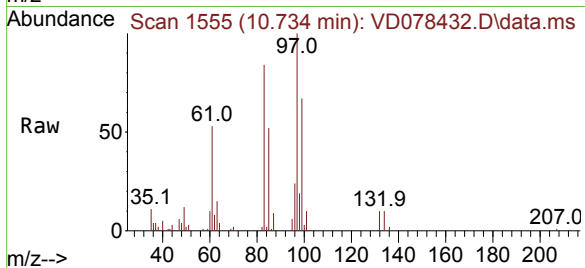
Ion Ratio Lower Upper

97 100

83 83.9 65.8 98.6

85 51.8 45.7 68.5

99 66.6 46.2 69.4



#56

Ethyl methacrylate

Concen: 21.443 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

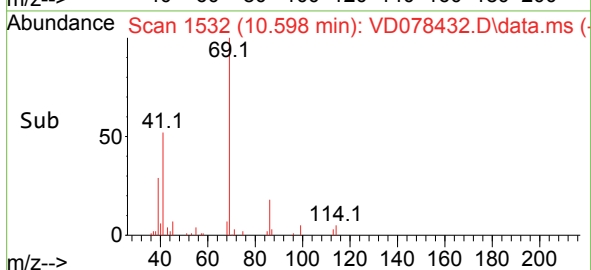
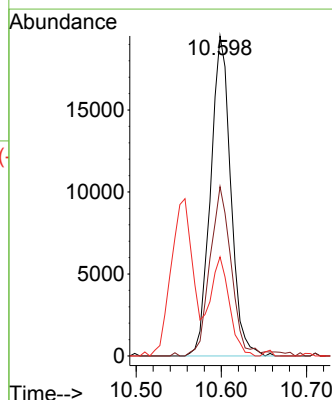
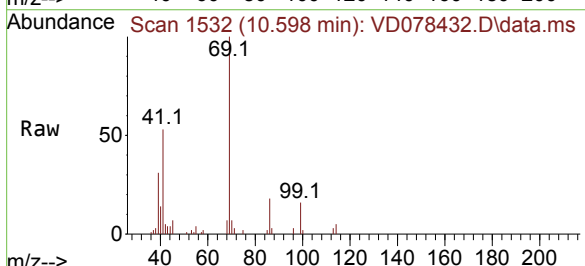
Tgt Ion: 69 Resp: 32159

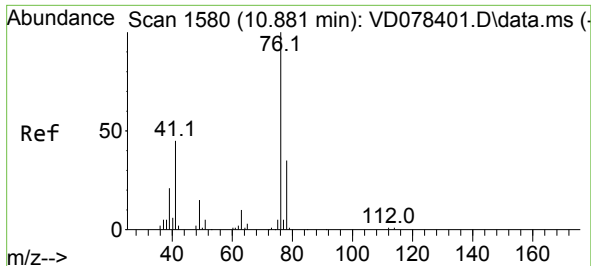
Ion Ratio Lower Upper

69 100

41 56.2 39.1 58.7

39 27.2 20.0 30.0

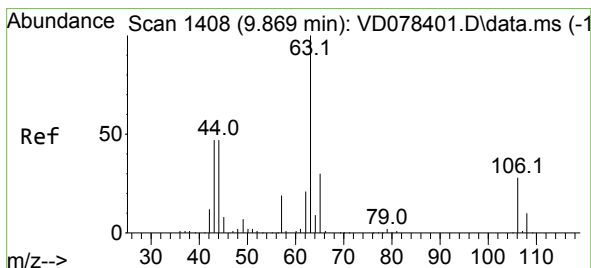
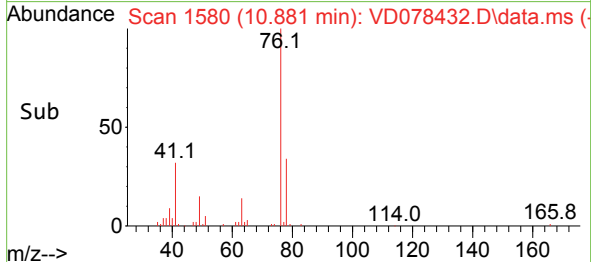
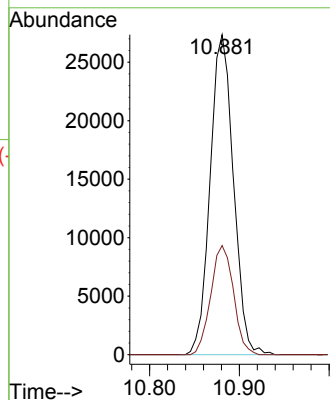
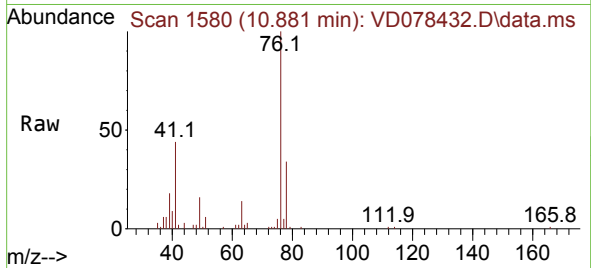




#57
1,3-Dichloropropane
Concen: 17.875 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

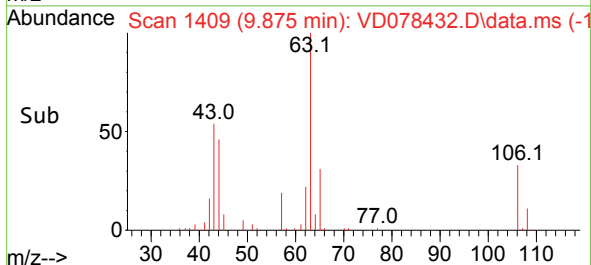
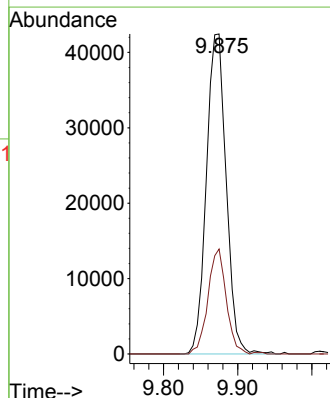
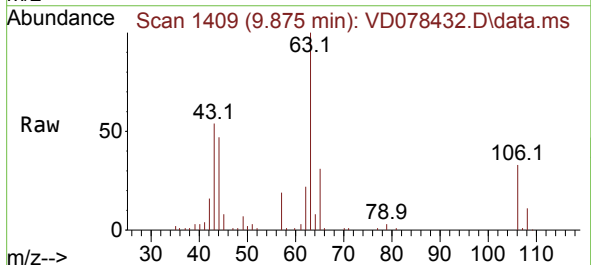
Instrument : MSVOA_D
ClientSampleId : VD0215SBSD01

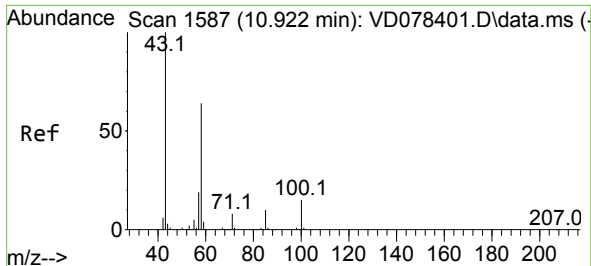
Tgt Ion: 76 Resp: 49308
Ion Ratio Lower Upper
76 100
78 33.2 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 89.068 ug/l
RT: 9.875 min Scan# 1409
Delta R.T. 0.006 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion: 63 Resp: 78683
Ion Ratio Lower Upper
63 100
106 30.4 25.3 37.9

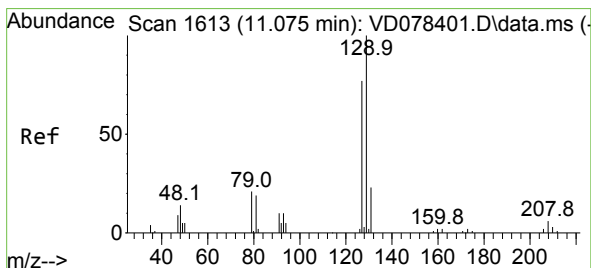
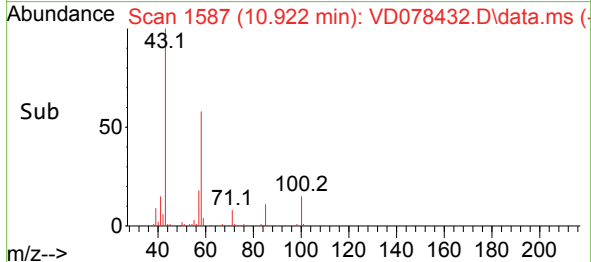
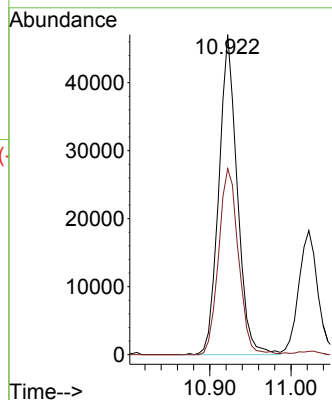
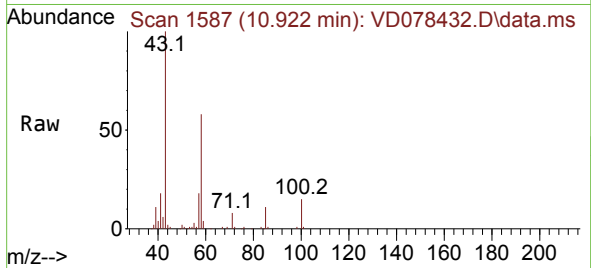




#59
2-Hexanone
Concen: 94.901 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

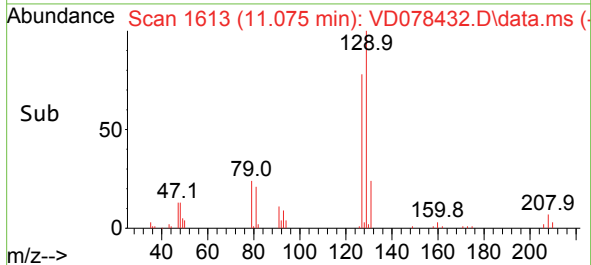
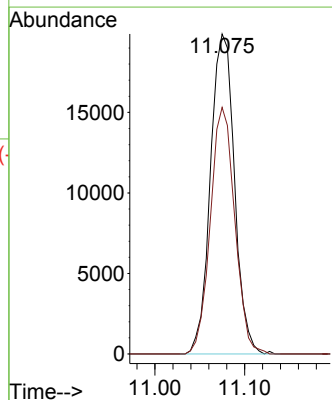
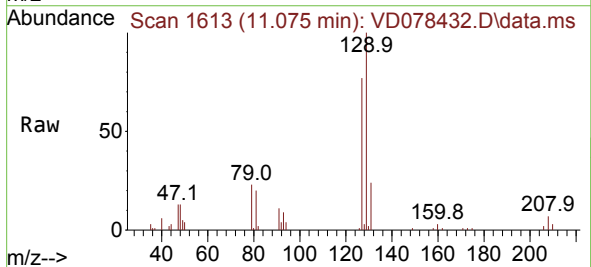
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

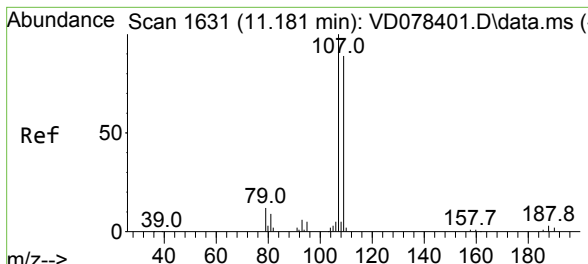
Tgt Ion: 43 Resp: 74171
Ion Ratio Lower Upper
43 100
58 62.7 34.1 102.2



#60
Dibromochloromethane
Concen: 18.923 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion: 129 Resp: 36920
Ion Ratio Lower Upper
129 100
127 78.2 37.1 111.5

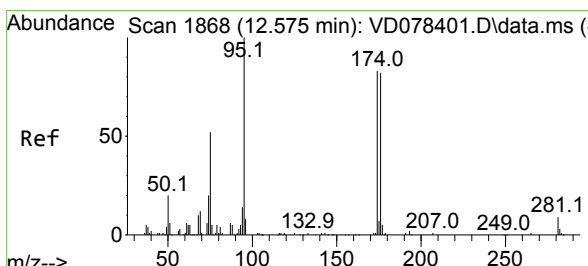
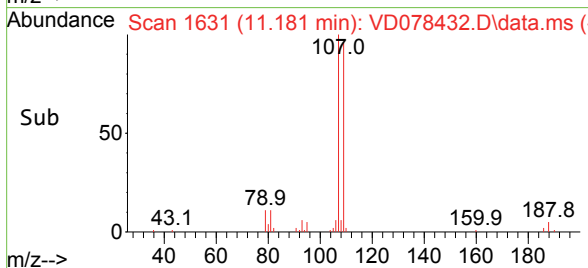
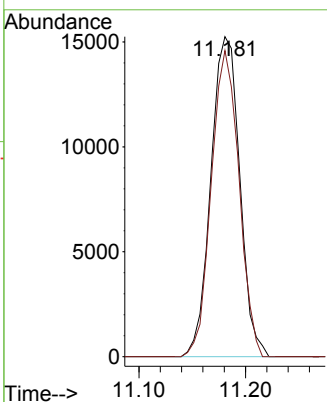
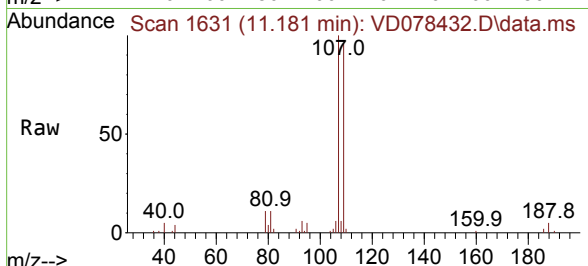




#61
 1,2-Dibromoethane
 Concen: 18.846 ug/l
 RT: 11.181 min Scan# 1631
 Delta R.T. -0.000 min
 Lab File: VD078432.D
 Acq: 15 Feb 2024 13:27

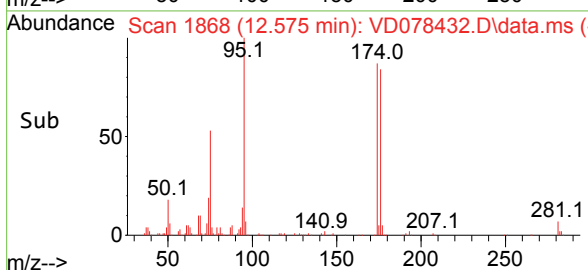
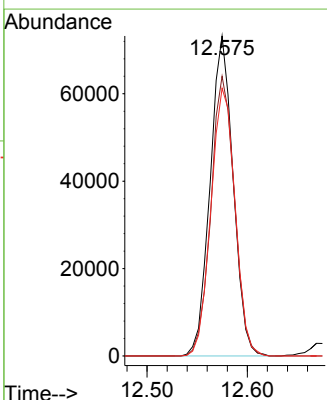
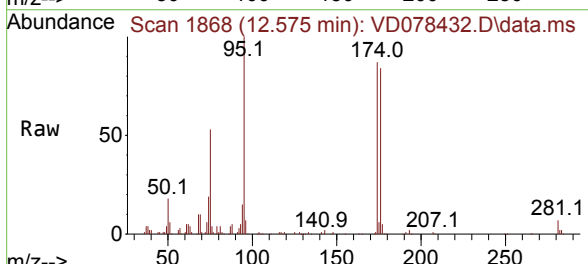
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0215SBSD01

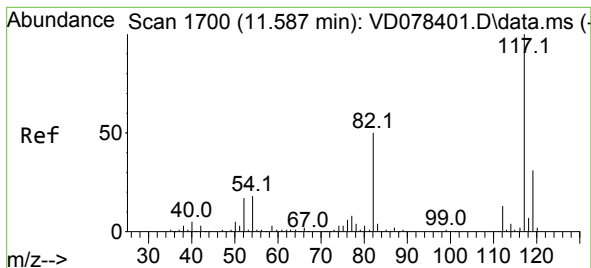
Tgt Ion:	107	Resp:	28690
Ion Ratio	Lower	Upper	
107	100		
109	91.8	75.6	113.4



#62
 4-Bromofluorobenzene
 Concen: 51.563 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VD078432.D
 Acq: 15 Feb 2024 13:27

Tgt Ion:	95	Resp:	116637
Ion Ratio	Lower	Upper	
95	100		
174	89.0	0.0	201.8
176	87.7	0.0	191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBS01

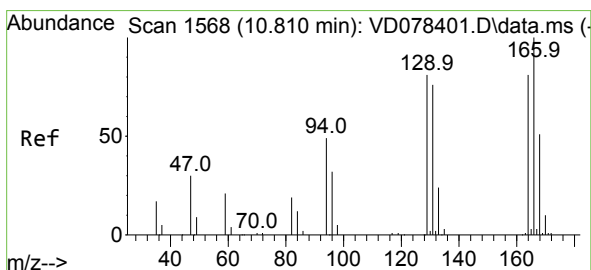
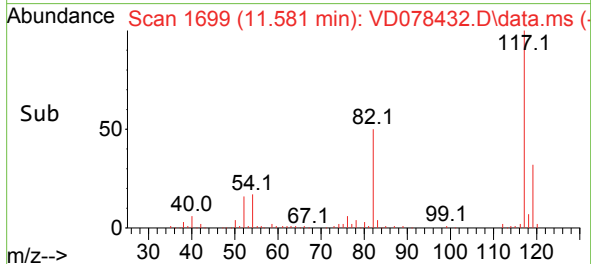
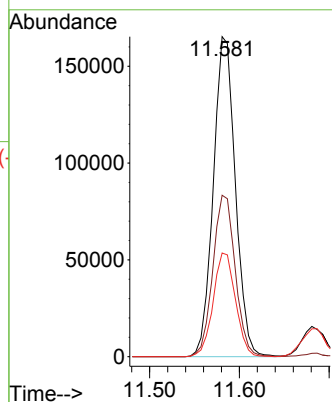
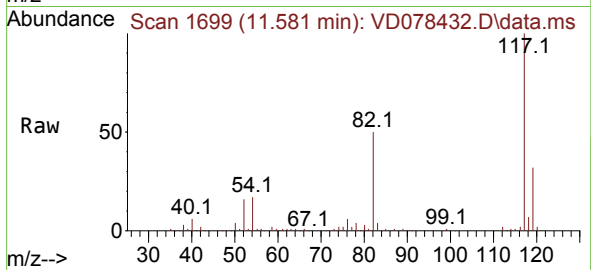
Tgt Ion:117 Resp: 282116

Ion Ratio Lower Upper

117 100

82 50.4 38.3 57.5

119 32.4 25.0 37.4



#64

Tetrachloroethene

Concen: 19.114 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

Tgt Ion:164 Resp: 34060

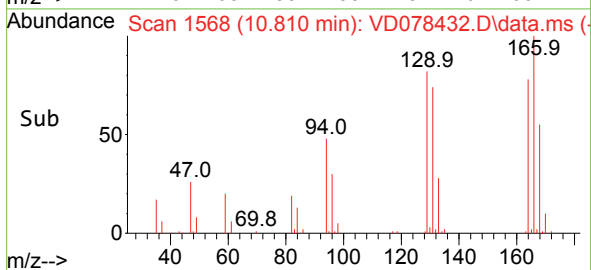
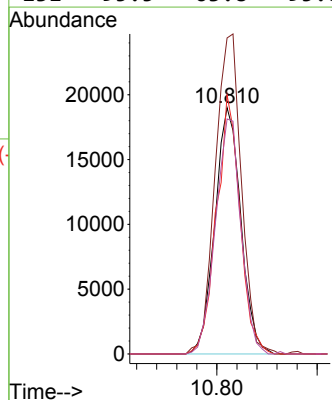
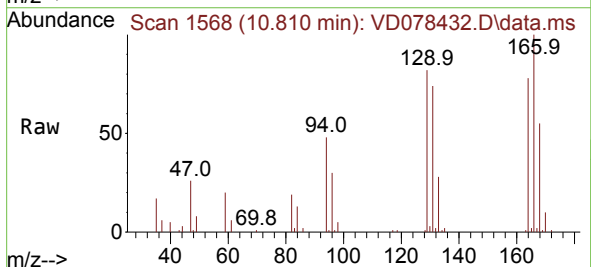
Ion Ratio Lower Upper

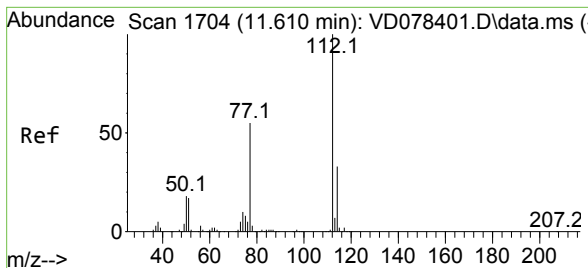
164 100

166 128.3 99.2 148.8

129 105.2 68.4 102.6#

131 95.5 63.8 95.8

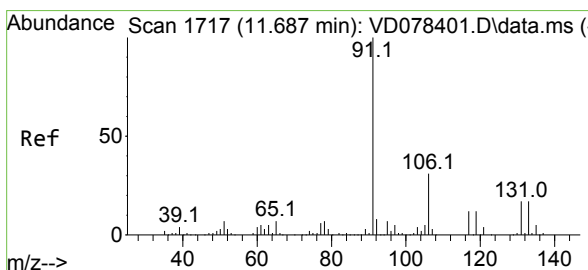
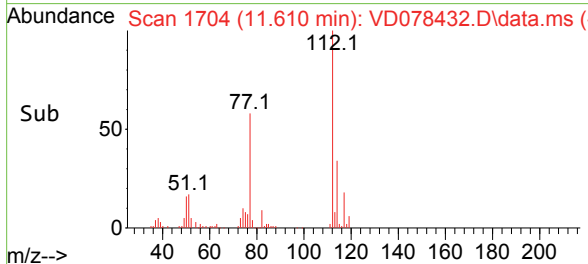
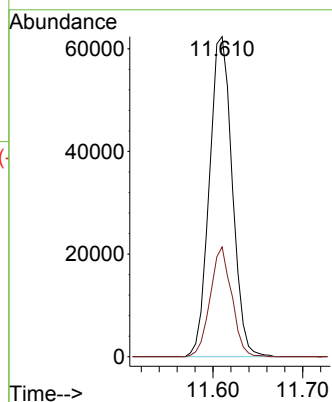
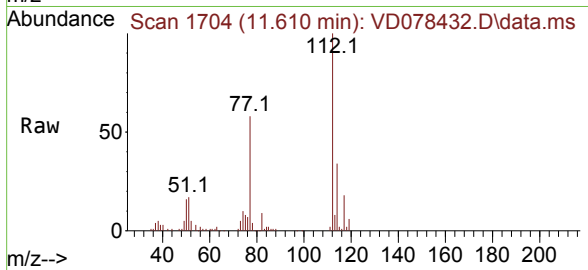




#65
Chlorobenzene
Concen: 19.482 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

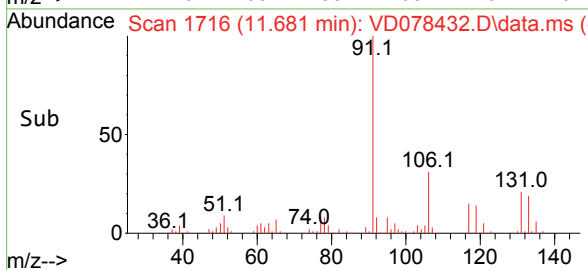
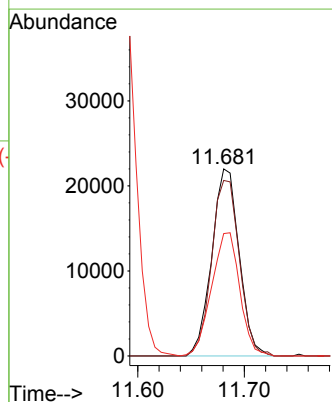
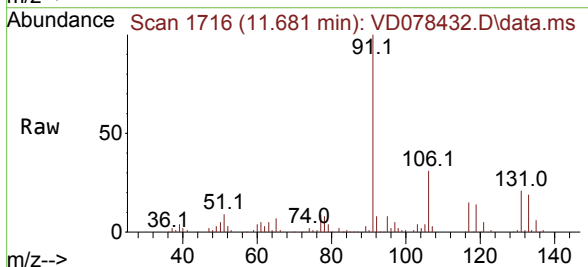
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

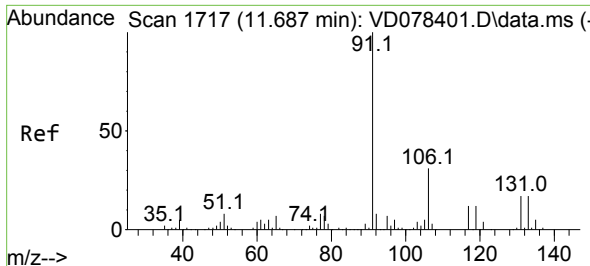
Tgt Ion:112 Resp: 110495
Ion Ratio Lower Upper
112 100
114 34.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.822 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion:131 Resp: 39231
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.5
119 68.0 35.6 106.9

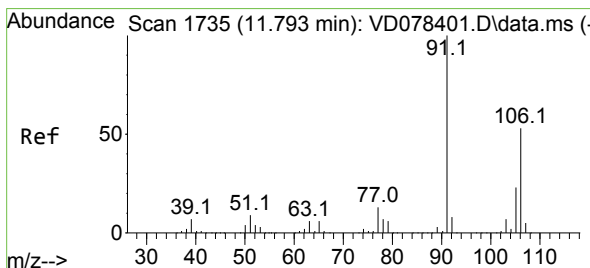
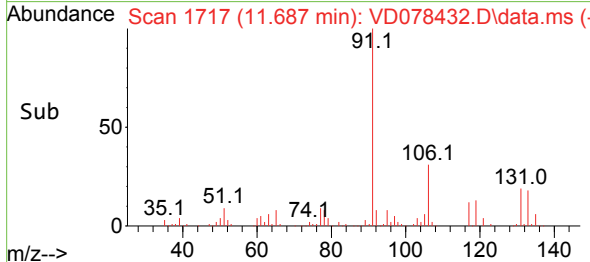
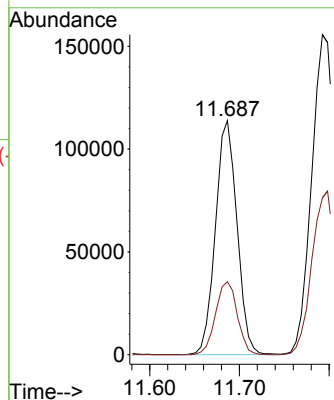
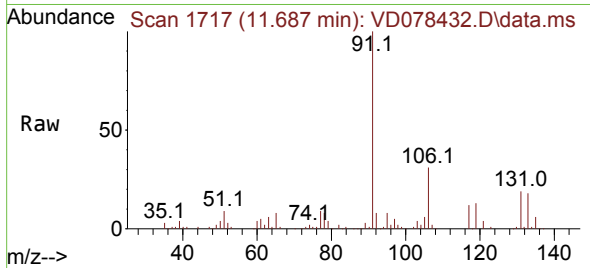




#67
Ethyl Benzene
Concen: 18.693 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

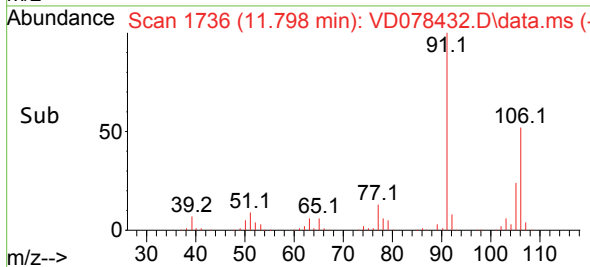
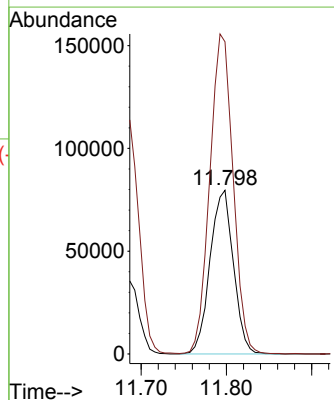
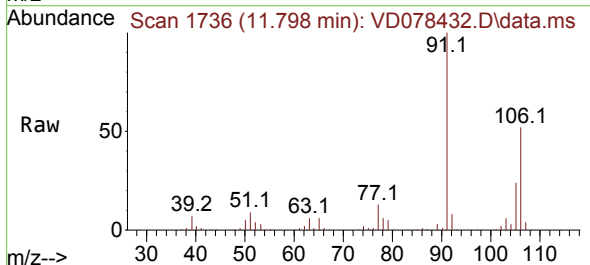
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

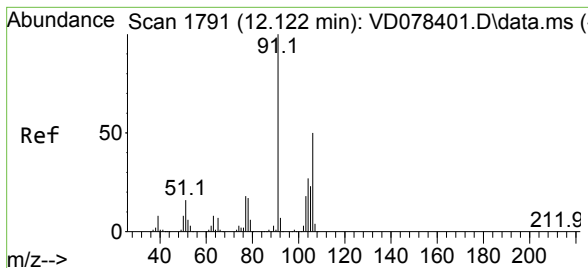
Tgt Ion: 91 Resp: 189958
Ion Ratio Lower Upper
91 100
106 31.1 26.5 39.7



#68
m/p-Xylenes
Concen: 38.290 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion:106 Resp: 151778
Ion Ratio Lower Upper
106 100
91 195.2 147.0 220.6





#69

o-Xylene

Concen: 19.166 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

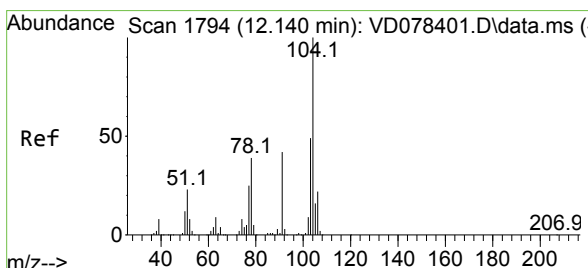
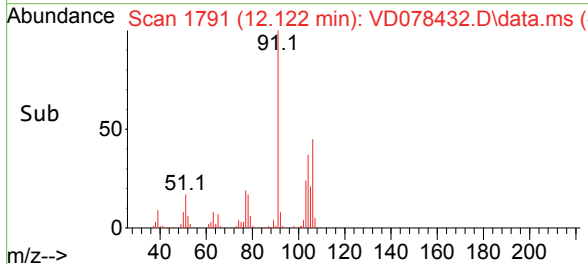
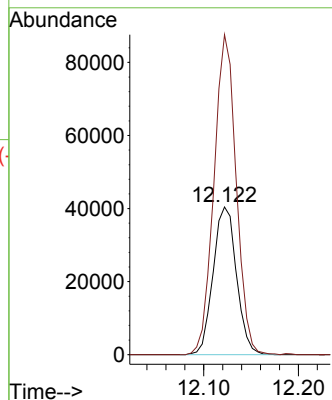
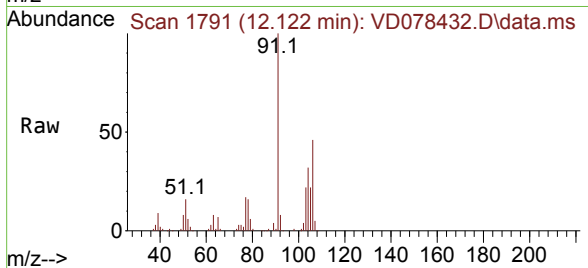
VD0215SBSD01

Tgt Ion:106 Resp: 69328

Ion Ratio Lower Upper

106 100

91 206.4 97.9 293.6



#70

Styrene

Concen: 20.119 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

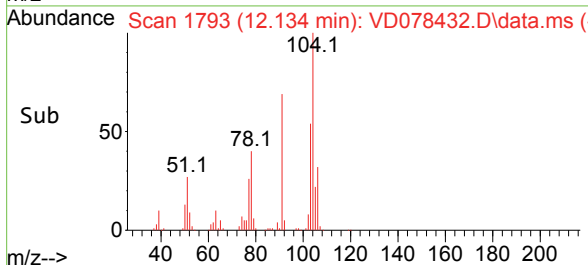
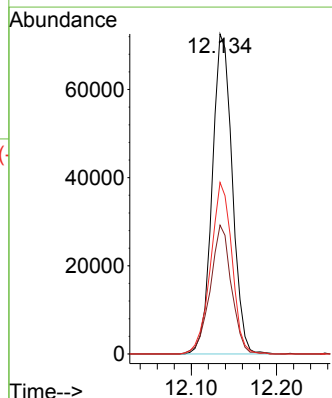
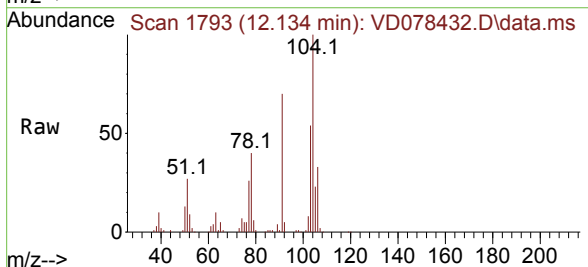
Tgt Ion:104 Resp: 118778

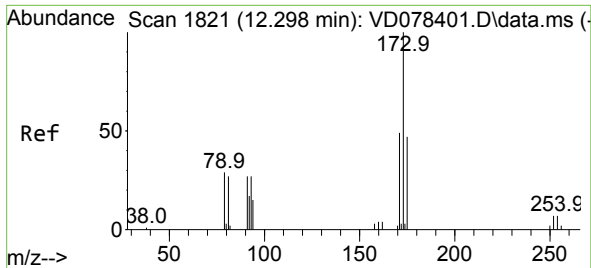
Ion Ratio Lower Upper

104 100

78 42.5 33.2 49.8

103 57.1 43.6 65.4

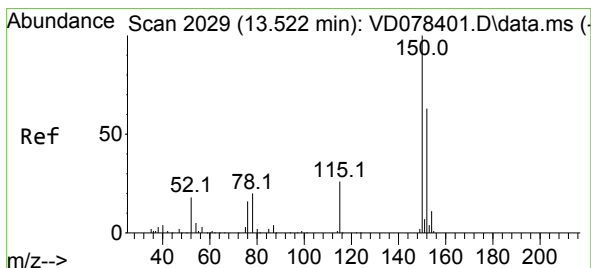
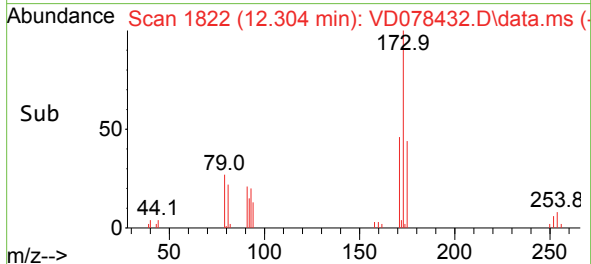
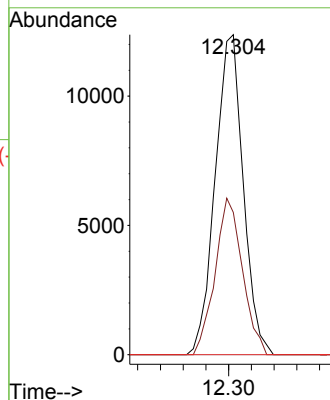
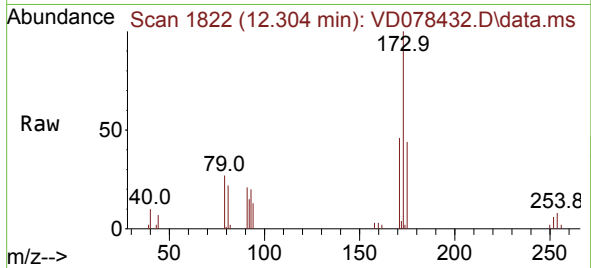




#71
Bromoform
Concen: 19.320 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

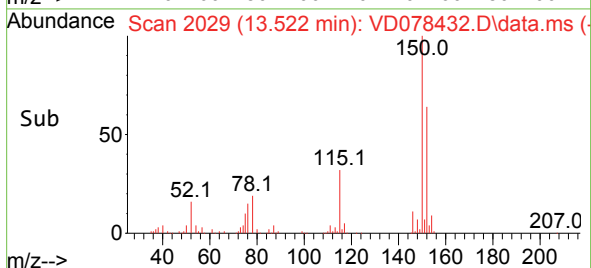
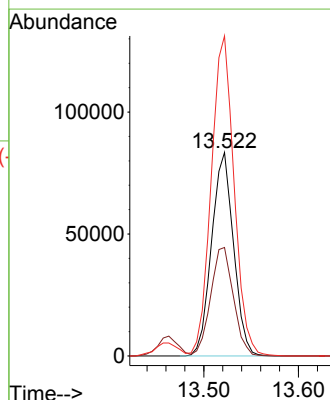
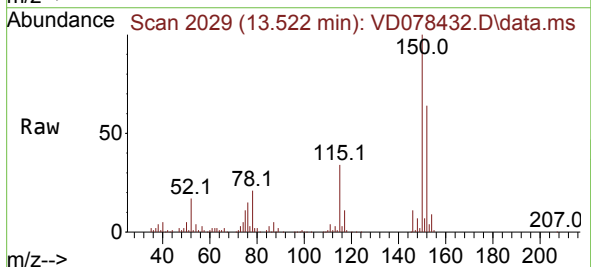
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

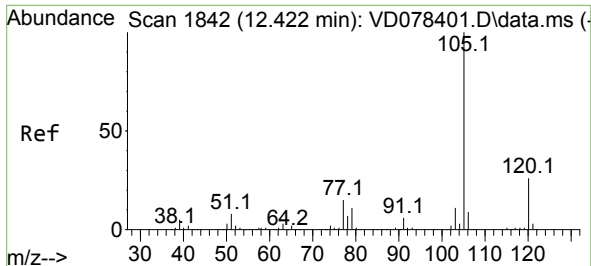
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.1	81.3
150	163.5	0.0	353.6

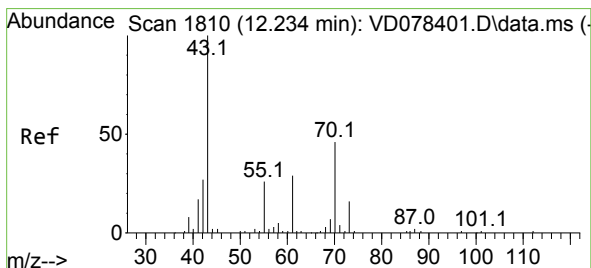
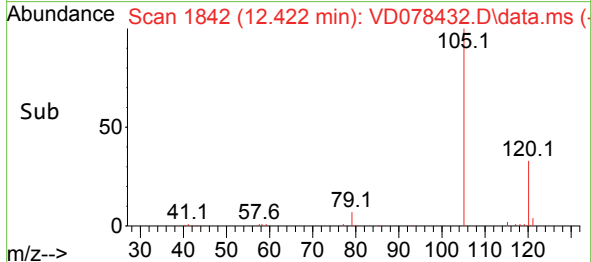
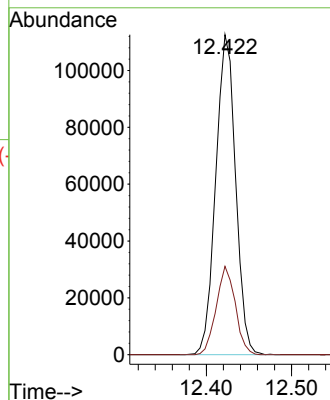
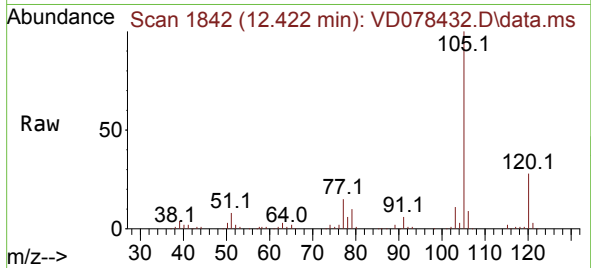




#73
Isopropylbenzene
Concen: 20.132 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

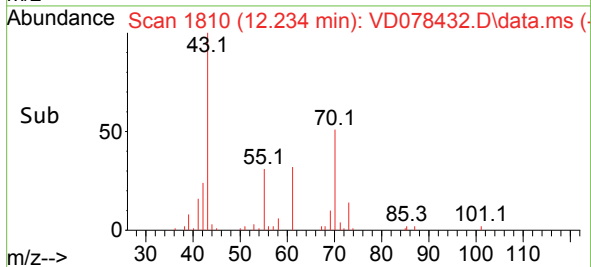
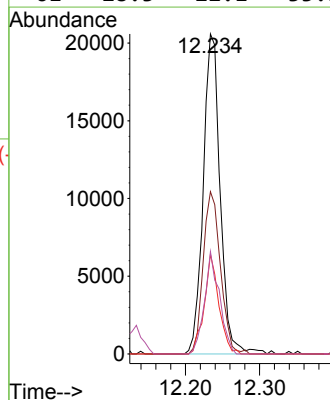
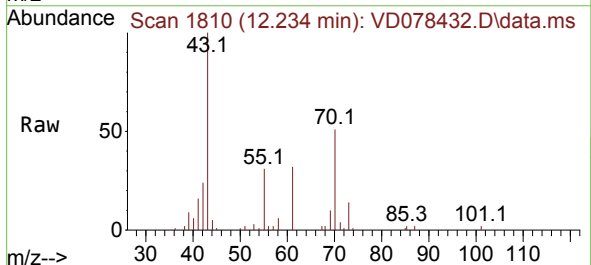
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

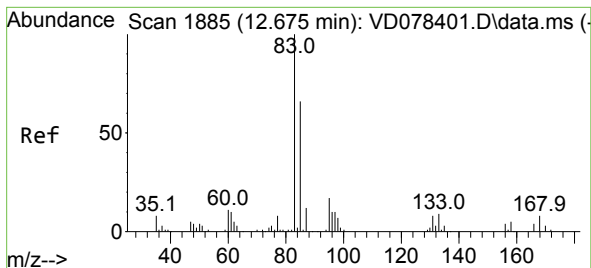
Tgt Ion:105 Resp: 182055
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9



#74
N-ethyl acetate
Concen: 19.217 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion: 43 Resp: 32876
Ion Ratio Lower Upper
43 100
70 51.6 45.0 67.4
55 26.8 23.8 35.6
61 28.3 22.1 33.1

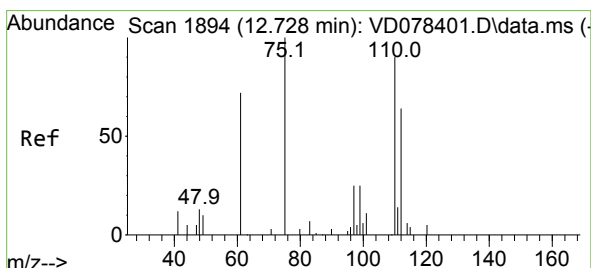
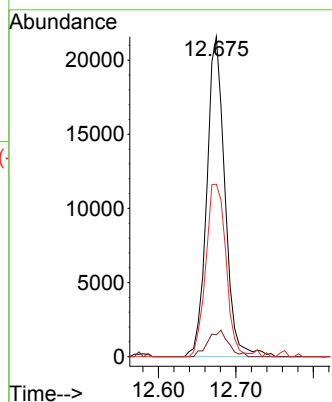
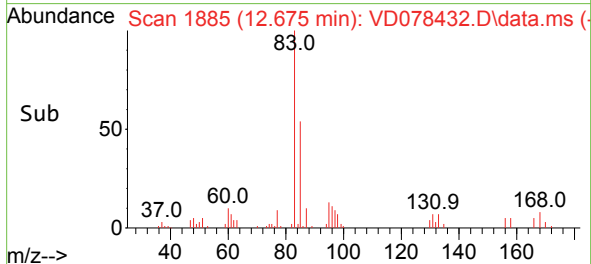
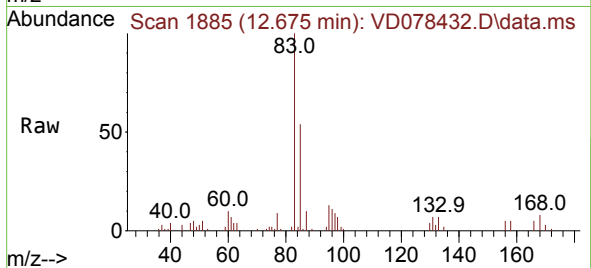




#75
1,1,2,2-Tetrachloroethane
Concen: 19.531 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

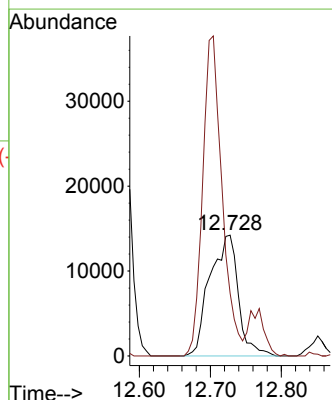
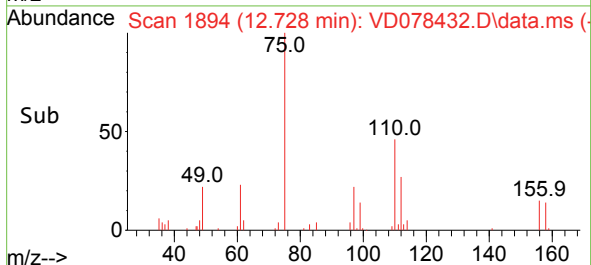
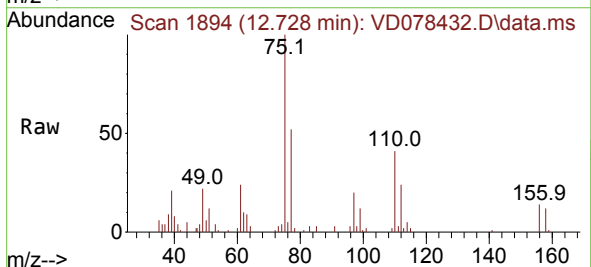
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

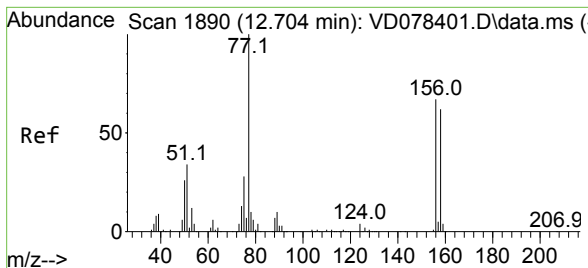
Tgt Ion: 83 Resp: 35035
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 59.9 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 34.668 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion: 75 Resp: 39636
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.028 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBSD01

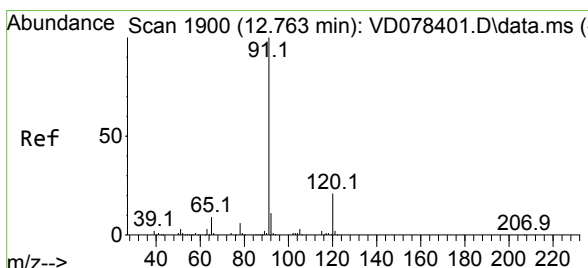
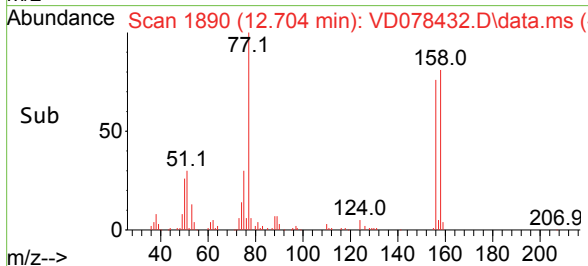
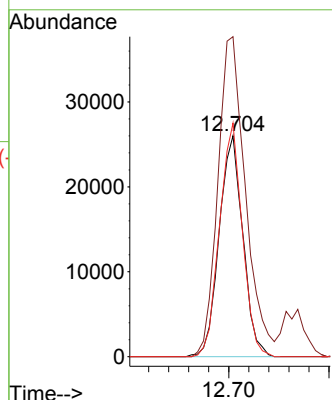
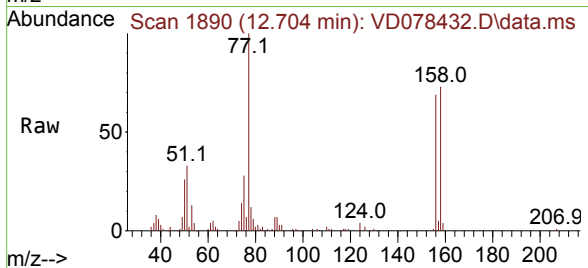
Tgt Ion:156 Resp: 42564

Ion Ratio Lower Upper

156 100

77 169.3 76.8 230.4

158 102.0 48.6 145.9



#78

n-propylbenzene

Concen: 20.058 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078432.D

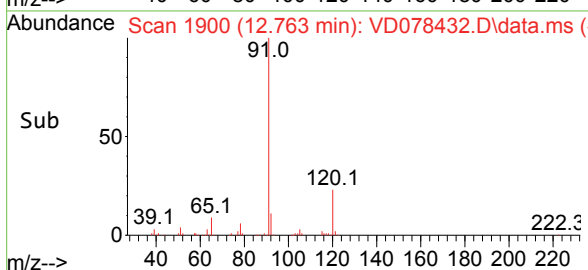
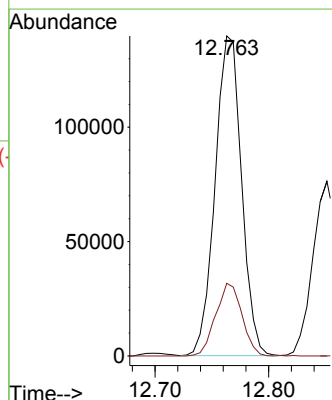
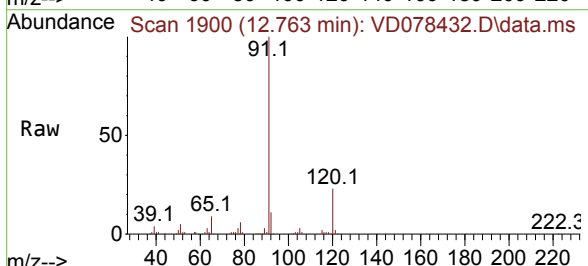
Acq: 15 Feb 2024 13:27

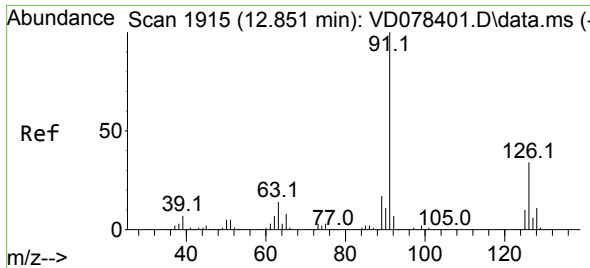
Tgt Ion: 91 Resp: 226042

Ion Ratio Lower Upper

91 100

120 22.5 12.4 37.2

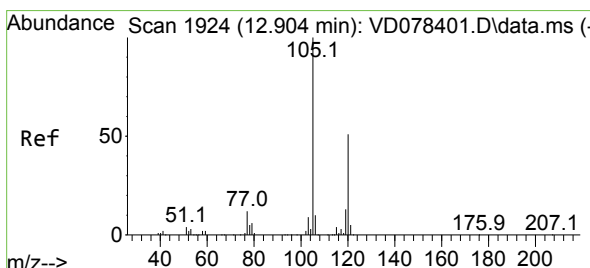
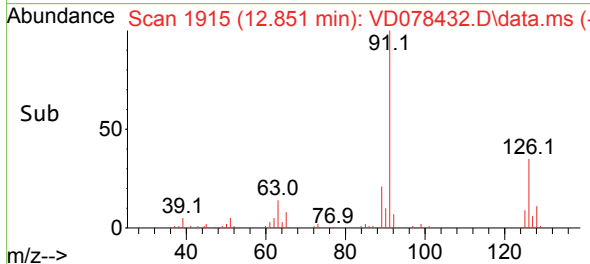
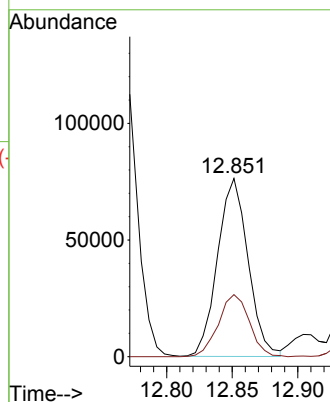
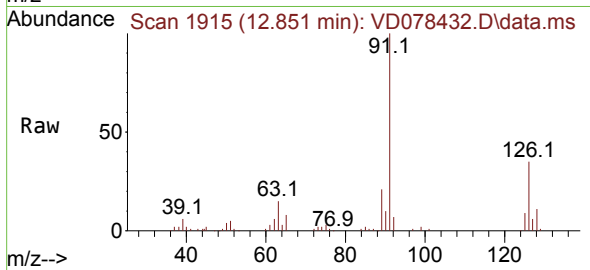




#79
2-Chlorotoluene
Concen: 20.526 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

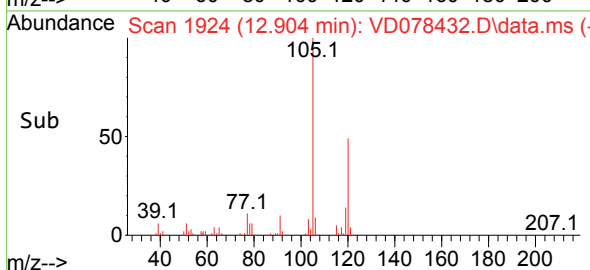
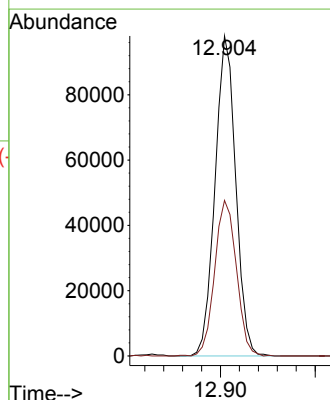
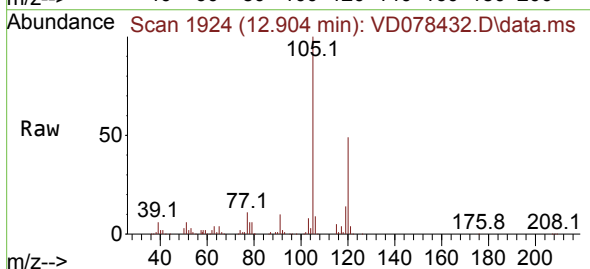
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

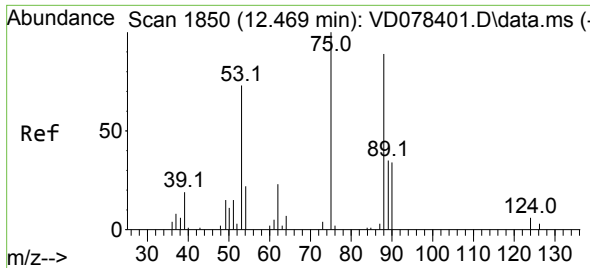
Tgt Ion: 91 Resp: 123892
Ion Ratio Lower Upper
91 100
126 35.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.828 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion: 105 Resp: 148884
Ion Ratio Lower Upper
105 100
120 51.1 26.4 79.2

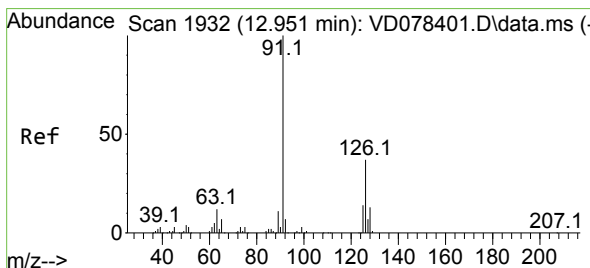
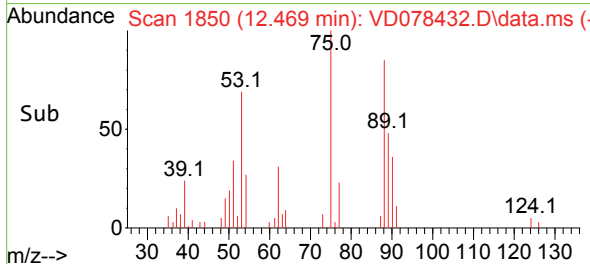
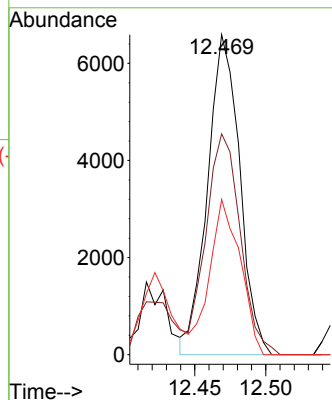
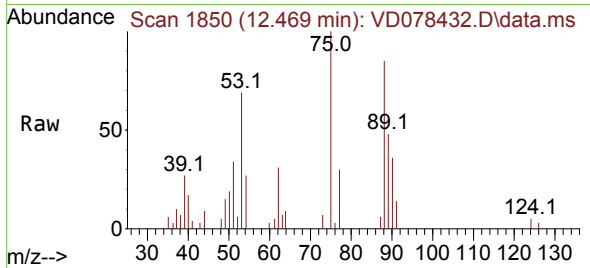




#81
trans-1,4-Dichloro-2-butene
Concen: 18.835 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

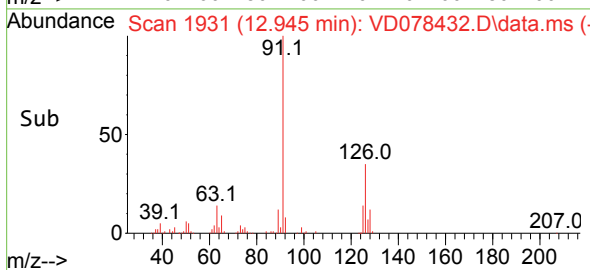
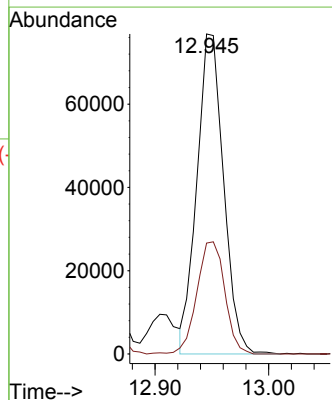
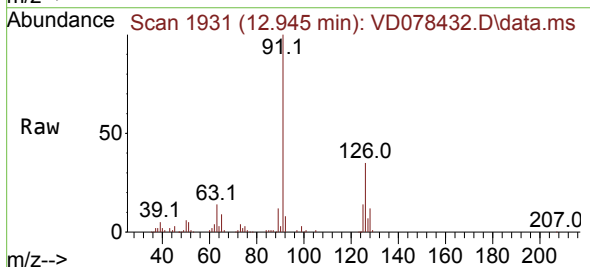
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

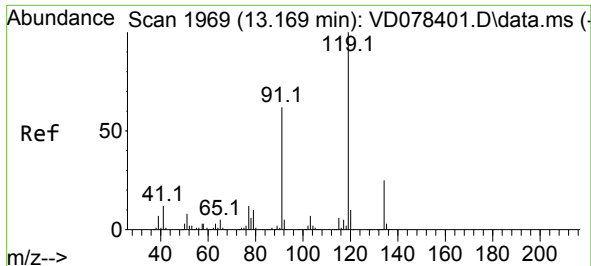
Tgt Ion:	75	Resp:	10373
Ion	Ratio	Lower	Upper
75	100		
53	73.1	63.0	94.4
89	46.2	37.9	56.9



#82
4-Chlorotoluene
Concen: 19.368 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion:	91	Resp:	125554
Ion	Ratio	Lower	Upper
91	100		
126	36.6	19.4	58.4

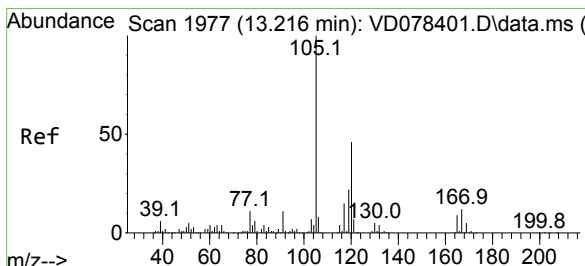
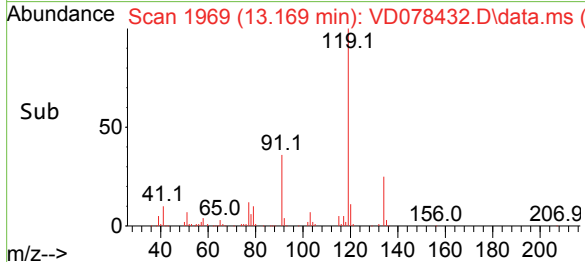
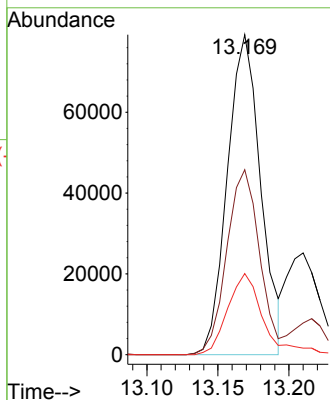
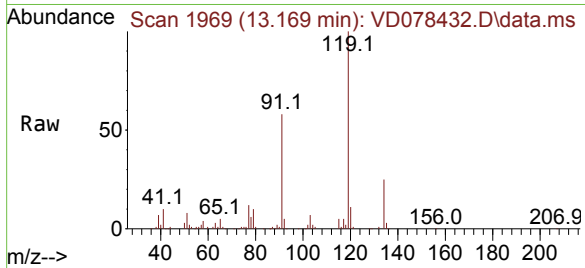




#83
tert-Butylbenzene
Concen: 20.417 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

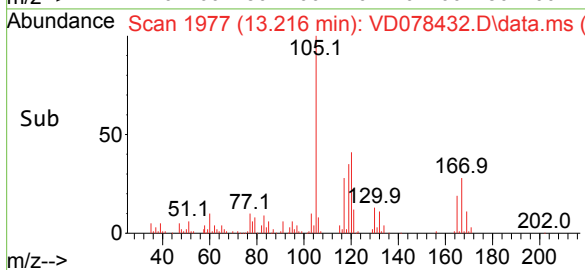
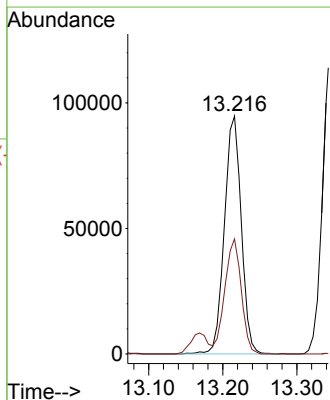
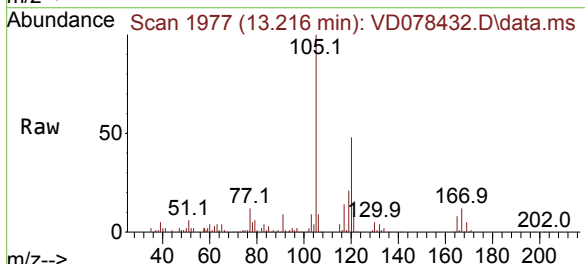
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

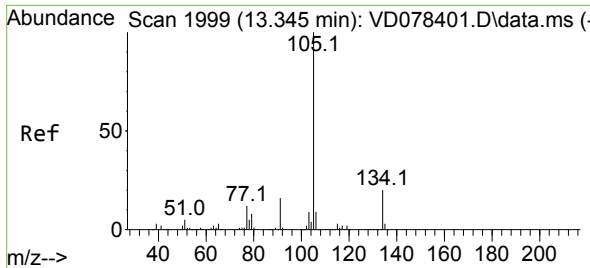
Tgt Ion:119 Resp: 129293
Ion Ratio Lower Upper
119 100
91 58.1 29.3 87.8
134 27.0 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 19.644 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion:105 Resp: 149701
Ion Ratio Lower Upper
105 100
120 47.1 24.3 72.9

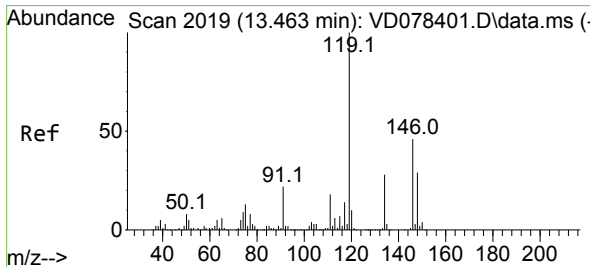
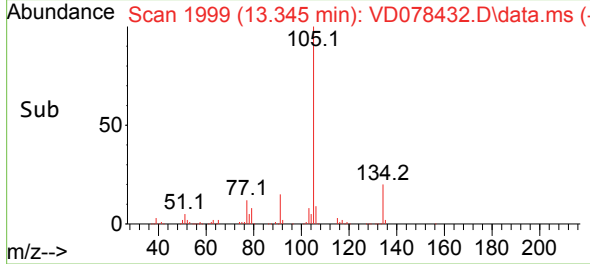
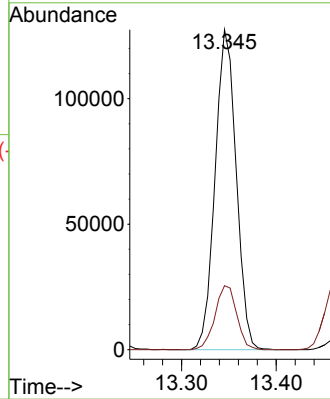
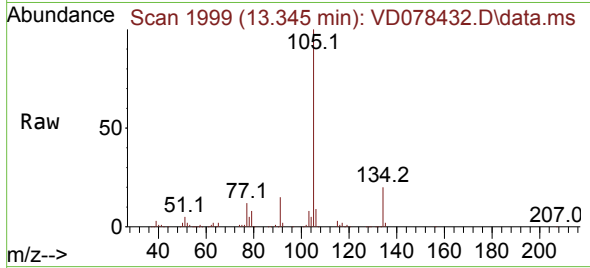




#85
 sec-Butylbenzene
 Concen: 20.076 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078432.D
 Acq: 15 Feb 2024 13:27

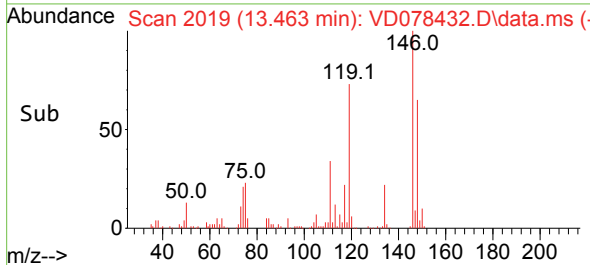
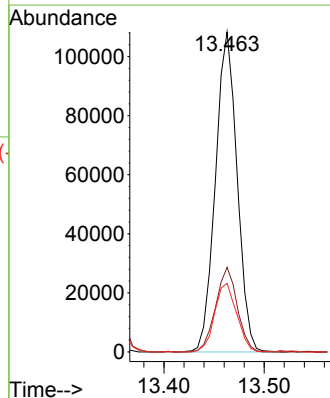
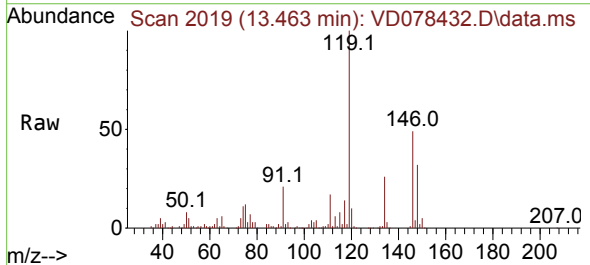
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0215SBSD01

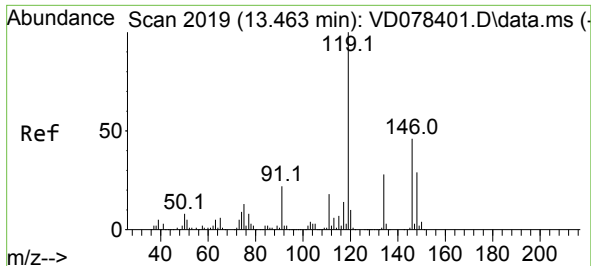
Tgt Ion:105 Resp: 197165
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 19.422 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD078432.D
 Acq: 15 Feb 2024 13:27

Tgt Ion:119 Resp: 162468
 Ion Ratio Lower Upper
 119 100
 134 26.4 14.2 42.6
 91 21.9 10.5 31.5

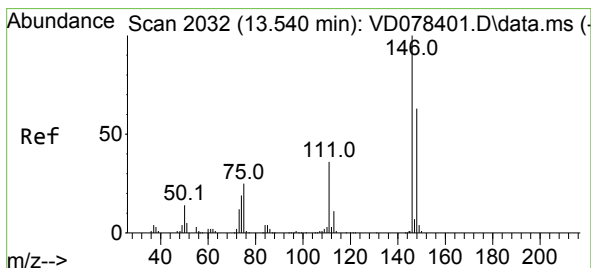
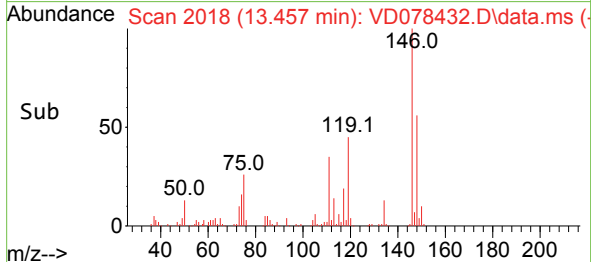
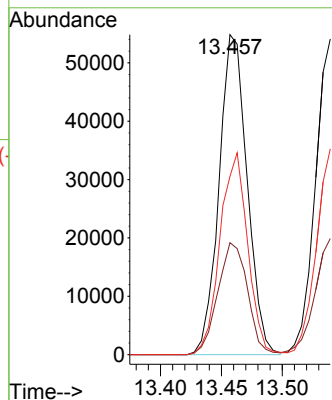
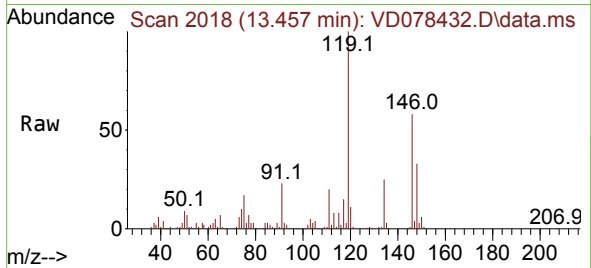




#87
1,3-Dichlorobenzene
Concen: 19.434 ug/l
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

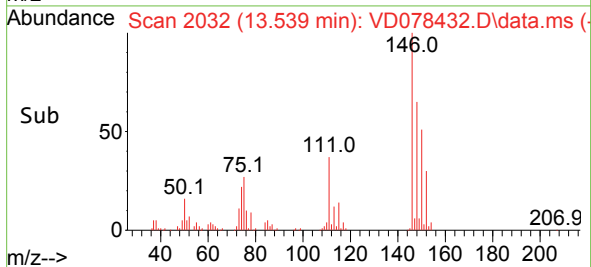
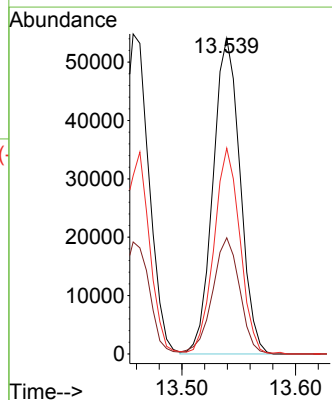
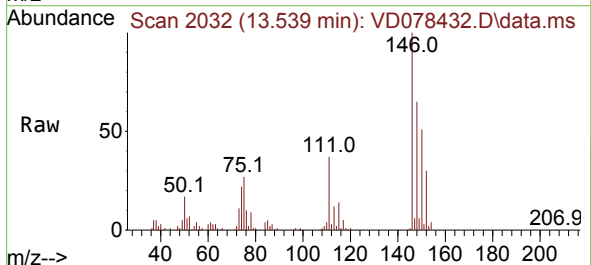
Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

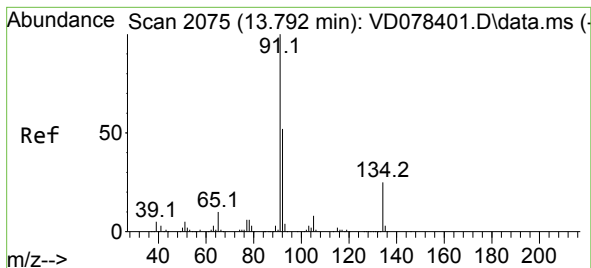
Tgt Ion:146 Resp: 88150
Ion Ratio Lower Upper
146 100
111 37.0 17.9 53.8
148 62.2 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.122 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion:146 Resp: 89679
Ion Ratio Lower Upper
146 100
111 36.9 17.4 52.3
148 62.6 31.7 95.1





#89

n-Butylbenzene

Concen: 19.442 ug/l

RT: 13.786 min Scan# 2075

Delta R.T. -0.006 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBSD01

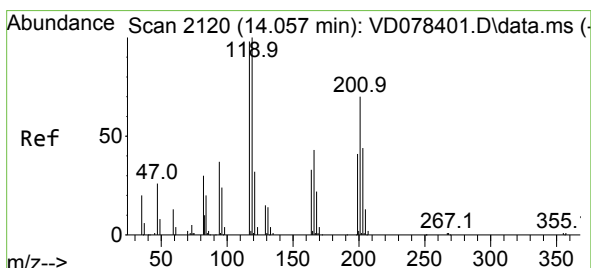
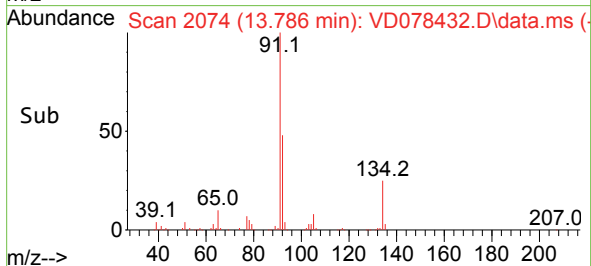
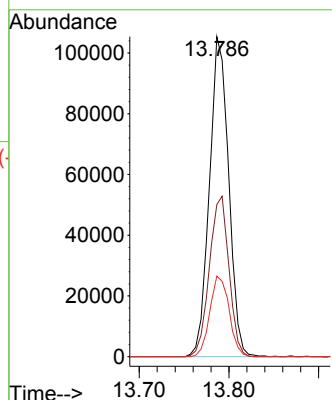
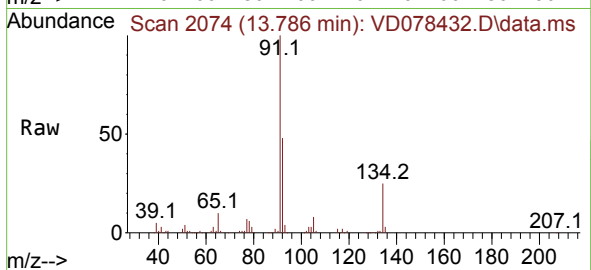
Tgt Ion: 91 Resp: 156758

Ion Ratio Lower Upper

91 100

92 51.0 26.5 79.5

134 25.3 13.8 41.3



#90

Hexachloroethane

Concen: 18.619 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. -0.000 min

Lab File: VD078432.D

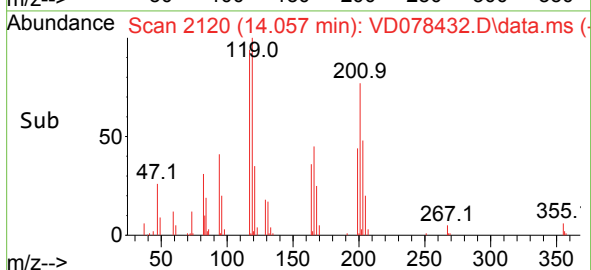
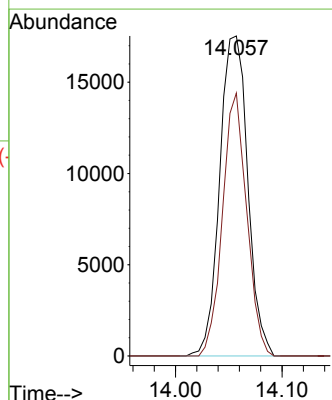
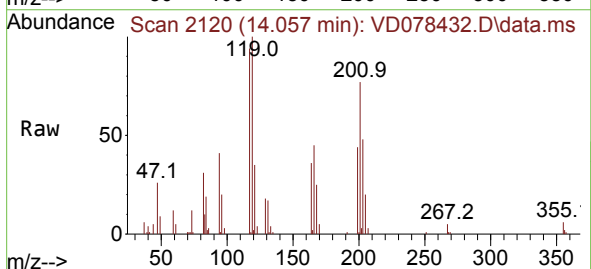
Acq: 15 Feb 2024 13:27

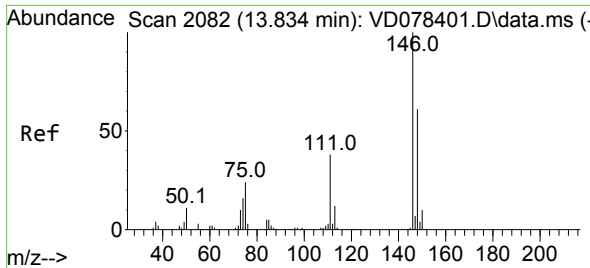
Tgt Ion: 117 Resp: 32012

Ion Ratio Lower Upper

117 100

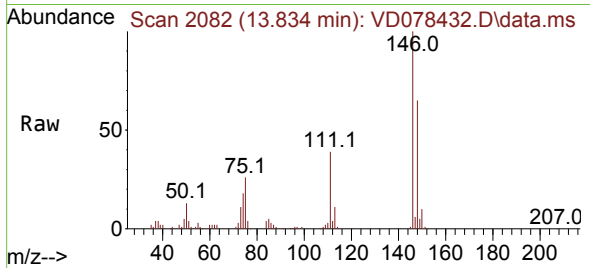
201 70.9 38.5 115.5



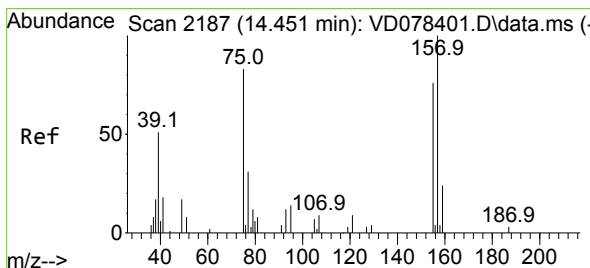
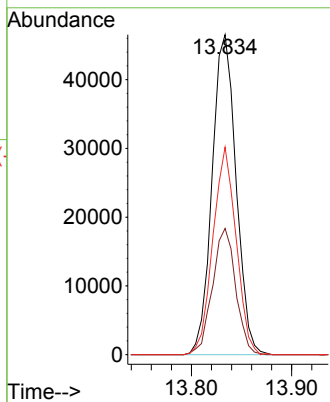
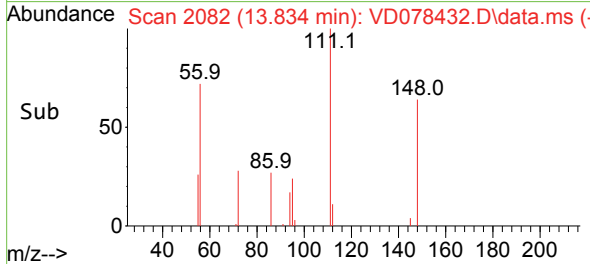


#91
1,2-Dichlorobenzene
Concen: 20.314 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

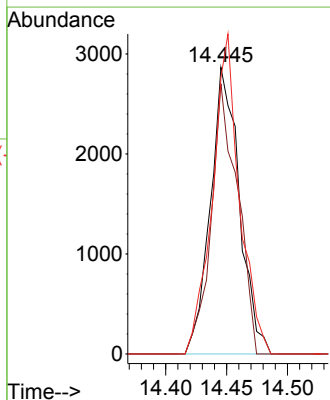
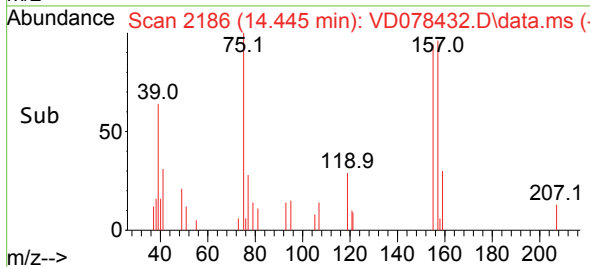
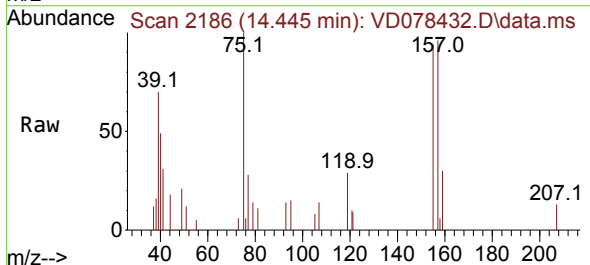


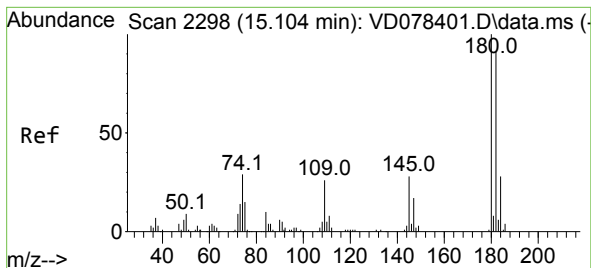
Tgt Ion:	146	Resp:	77375
Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.3	54.8
148	62.8	31.6	94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.202 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion:	75	Resp:	4745
Ion	Ratio	Lower	Upper
75	100		
155	86.2	47.9	143.8
157	104.4	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.557 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

Instrument :

MSVOA_D

ClientSampleId :

VD0215SBS01

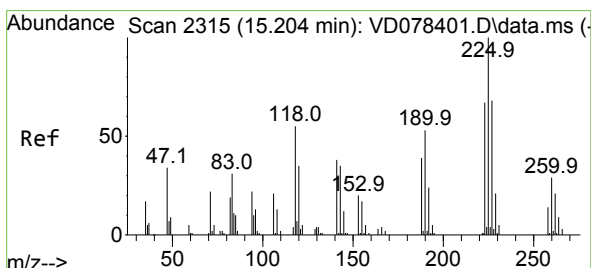
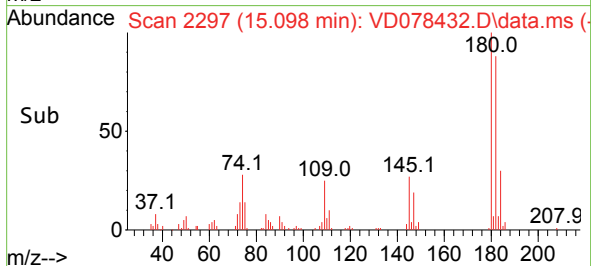
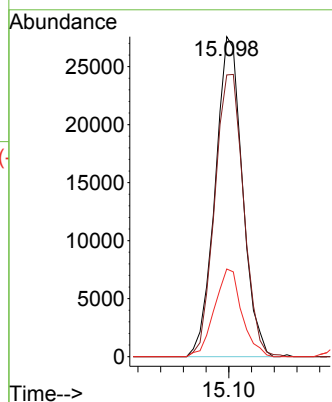
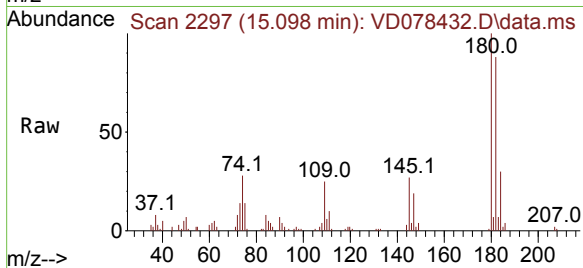
Tgt Ion:180 Resp: 46017

Ion Ratio Lower Upper

180 100

182 93.0 48.5 145.6

145 27.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.357 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD078432.D

Acq: 15 Feb 2024 13:27

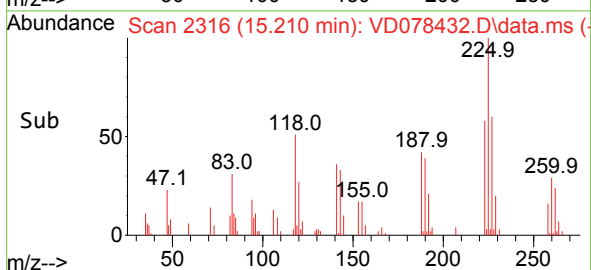
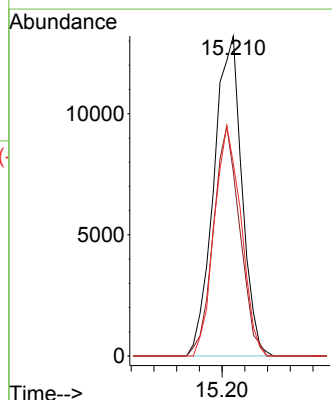
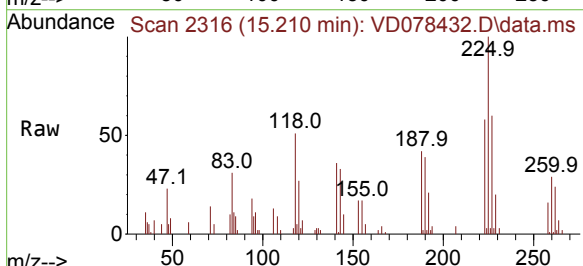
Tgt Ion:225 Resp: 22617

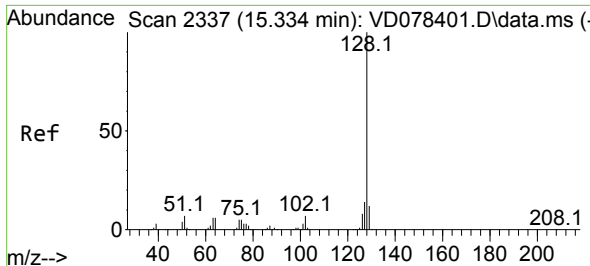
Ion Ratio Lower Upper

225 100

223 67.6 31.6 94.8

227 68.9 31.7 95.1

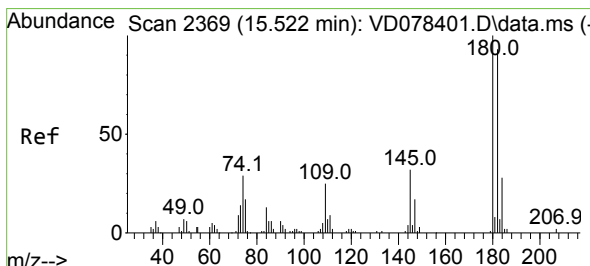
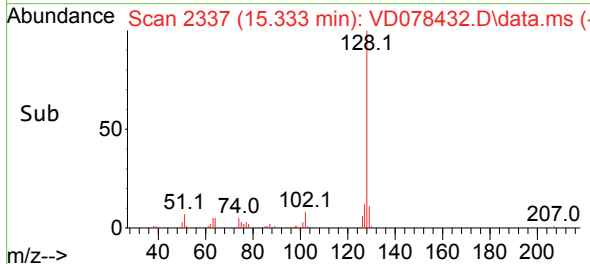
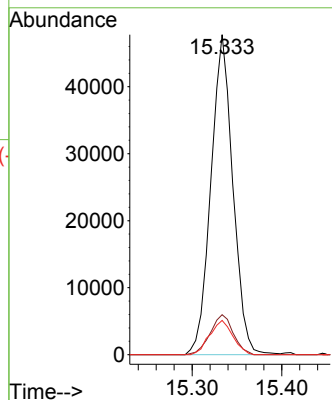
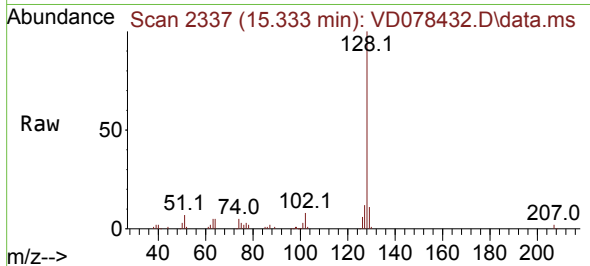




#95
Naphthalene
Concen: 19.550 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Instrument :
MSVOA_D
ClientSampleId :
VD0215SBSD01

Tgt Ion:	128	Resp:	81170
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.5	15.7
129	10.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.824 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD078432.D
Acq: 15 Feb 2024 13:27

Tgt Ion:	180	Resp:	39505
Ion Ratio	Lower	Upper	
180	100		
182	91.8	47.3	141.9
145	30.9	15.1	45.3

