

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021424\
 Data File : VD078410.D
 Acq On : 14 Feb 2024 12:32
 Operator : RP/MD
 Sample : VD0214SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 15 03:39:27 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	7.875	168	151360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	262723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	245557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	117924	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75647	46.223	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.440%
35) Dibromofluoromethane	7.805	113	80676	48.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.680%
50) Toluene-d8	10.269	98	317017	47.487	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.980%
62) 4-Bromofluorobenzene	12.575	95	91635	47.168	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.340%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	28019	18.788	ug/l	93
3) Chloromethane	2.152	50	52941	19.317	ug/l	97
4) Vinyl Chloride	2.287	62	77834	18.611	ug/l	96
5) Bromomethane	2.687	94	59511	20.615	ug/l	97
6) Chloroethane	2.834	64	59667	19.566	ug/l	100
7) Trichlorofluoromethane	3.170	101	59706	21.164	ug/l	97
8) Diethyl Ether	3.593	74	16429	20.218	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.970	101	37600	21.127	ug/l	94
10) Methyl Iodide	4.164	142	29208	18.323	ug/l	91
11) Tert butyl alcohol	5.058	59	10439	114.629	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	34184	20.717	ug/l	95
13) Acrolein	3.793	56	13934	92.161	ug/l	91
14) Allyl chloride	4.564	41	42444	20.822	ug/l	91
15) Acrylonitrile	5.258	53	33561	96.480	ug/l	95
16) Acetone	4.034	43	43621	124.533	ug/l #	82
17) Carbon Disulfide	4.275	76	111200	20.028	ug/l	97
18) Methyl Acetate	4.564	43	14036	15.051	ug/l	94
19) Methyl tert-butyl Ether	5.317	73	70092	19.994	ug/l	96
20) Methylene Chloride	4.799	84	46038	23.175	ug/l #	89
21) trans-1,2-Dichloroethene	5.317	96	39043	20.114	ug/l	96
22) Diisopropyl ether	6.216	45	94040	20.931	ug/l	91
23) Vinyl Acetate	6.158	43	276240	144.081	ug/l	94
24) 1,1-Dichloroethane	6.116	63	66912	21.024	ug/l	97
25) 2-Butanone	7.081	43	50290	112.660	ug/l	92
26) 2,2-Dichloropropane	7.081	77	54823	20.548	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	41699	19.580	ug/l	92
28) Bromochloromethane	7.428	49	27084	21.485	ug/l #	77
29) Tetrahydrofuran	7.446	42	24855	102.122	ug/l	87
30) Chloroform	7.599	83	67347	20.000	ug/l	99
31) Cyclohexane	7.881	56	56499	20.408	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	58998	20.549	ug/l	97
36) 1,1-Dichloropropene	8.011	75	54024	20.838	ug/l	96
37) Ethyl Acetate	7.175	43	19128	21.047	ug/l #	89
38) Carbon Tetrachloride	7.993	117	51389	20.015	ug/l	98
39) Methylcyclohexane	9.275	83	62809	20.407	ug/l	92
40) Benzene	8.252	78	155540	20.756	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	9026	19.084	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	40282	20.775	ug/l	98
43) Isopropyl Acetate	8.358	43	35598	21.153	ug/l	91
44) Trichloroethene	9.028	130	39063	20.433	ug/l	79
45) 1,2-Dichloropropane	9.305	63	38043	20.691	ug/l	97
46) Dibromomethane	9.399	93	21278	20.575	ug/l	88
47) Bromodichloromethane	9.587	83	52677	20.565	ug/l	98
48) Methyl methacrylate	9.381	41	16366	18.330	ug/l	83
49) 1,4-Dioxane	9.387	88	4237	378.323	ug/l #	72
51) 4-Methyl-2-Pentanone	10.163	43	95665	107.105	ug/l	90
52) Toluene	10.334	92	95876	20.232	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	48053	20.560	ug/l	91
54) cis-1,3-Dichloropropene	10.016	75	58932	20.794	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	29813	21.407	ug/l	96
56) Ethyl methacrylate	10.593	69	29542	22.936	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	47754	20.157	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	73634	97.052	ug/l	95
59) 2-Hexanone	10.922	43	76047	113.293	ug/l	89
60) Dibromochloromethane	11.075	129	33712	20.119	ug/l	99
61) 1,2-Dibromoethane	11.181	107	26726	20.441	ug/l	97
64) Tetrachloroethene	10.810	164	31076	20.036	ug/l #	87
65) Chlorobenzene	11.610	112	103030	20.870	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	36836	20.304	ug/l	98
67) Ethyl Benzene	11.687	91	174662	19.746	ug/l	96
68) m/p-Xylenes	11.793	106	140517	40.727	ug/l	90
69) o-Xylene	12.122	106	62352	19.803	ug/l	90
70) Styrene	12.134	104	109977	21.402	ug/l	96
71) Bromoform	12.299	173	19098	20.000	ug/l #	97
73) Isopropylbenzene	12.422	105	168973	21.339	ug/l	96
74) N-amyl acetate	12.234	43	33454	22.332	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	32948	20.976	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	38776	38.732	ug/l #	100
77) Bromobenzene	12.704	156	38857	20.880	ug/l	90
78) n-propylbenzene	12.763	91	211561	21.439	ug/l	95
79) 2-Chlorotoluene	12.851	91	115120	21.781	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	140598	21.383	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	9554	19.812	ug/l	90
82) 4-Chlorotoluene	12.946	91	121207	21.353	ug/l	94
83) tert-Butylbenzene	13.169	119	119111	21.480	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	138364	20.734	ug/l	98
85) sec-Butylbenzene	13.346	105	190779	22.184	ug/l	95
86) p-Isopropyltoluene	13.463	119	154950	21.154	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	82466	20.763	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	84408	21.629	ug/l	97
89) n-Butylbenzene	13.787	91	150880	21.371	ug/l	96
90) Hexachloroethane	14.051	117	30994	20.587	ug/l	89
91) 1,2-Dichlorobenzene	13.834	146	71904	21.559	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4176	20.304	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	40984	20.908	ug/l	96
94) Hexachlorobutadiene	15.204	225	21174	20.695	ug/l	99
95) Naphthalene	15.334	128	73514	20.220	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	35788	21.543	ug/l	99

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ALS Vial : 5 Sample Multiplier: 1

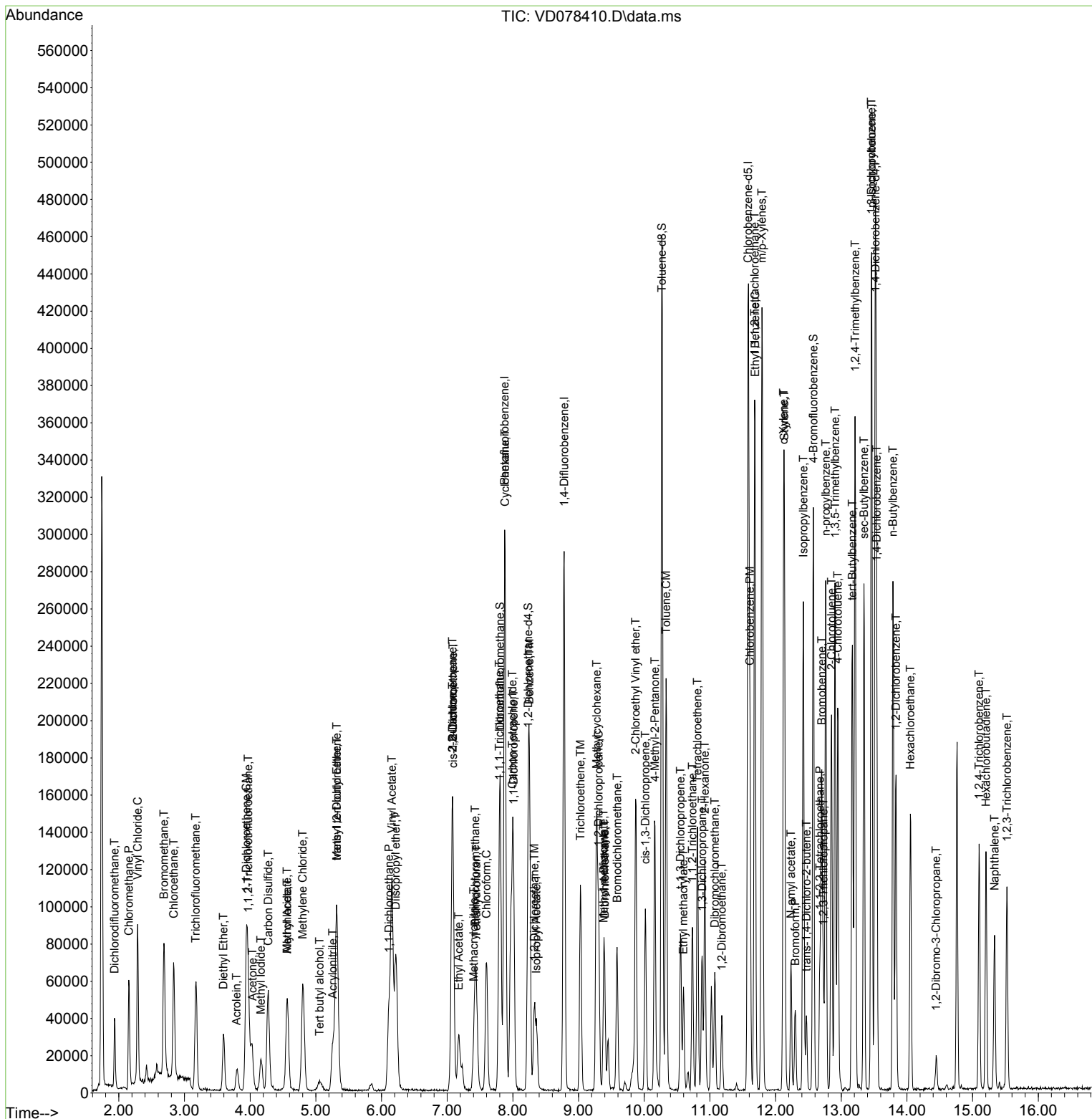
Instrument :
MSVOA_D
ClientSampleId :

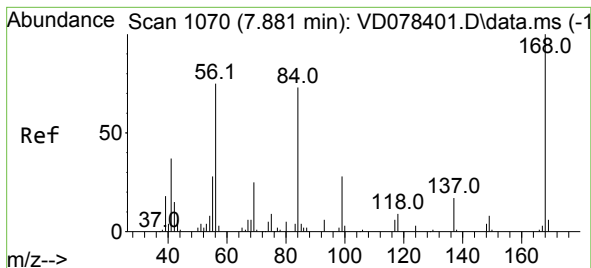
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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD078410.D

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Instrument :

MSVOA_D

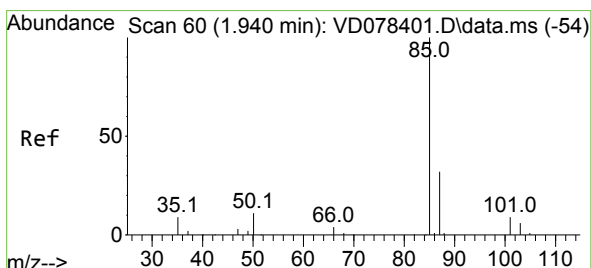
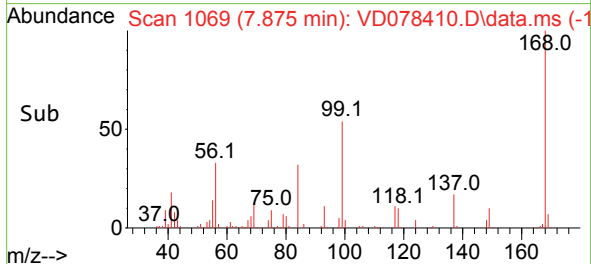
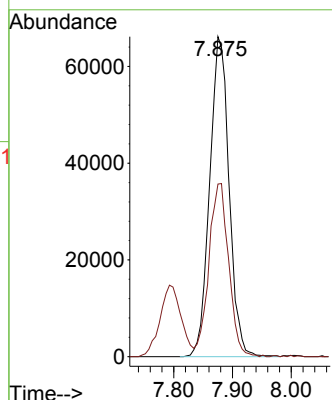
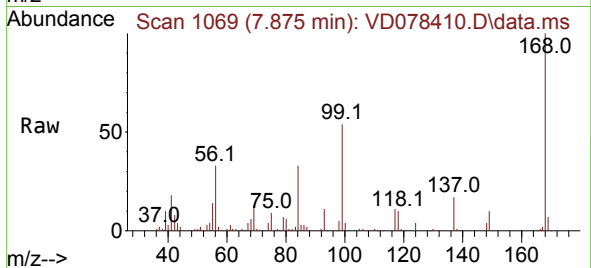
ClientSampleId :

Tgt Ion:168 Resp: 151360

Ion Ratio Lower Upper

168 100

99 53.9 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 18.788 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.006 min

Lab File: VD078410.D

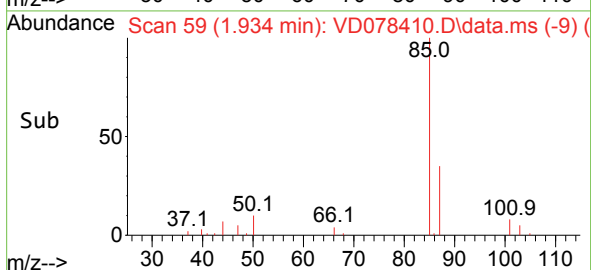
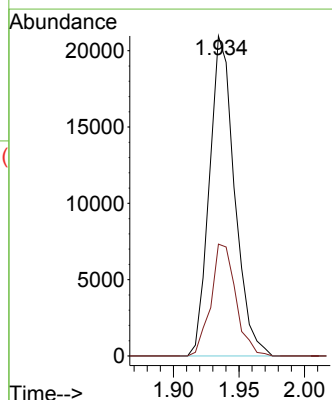
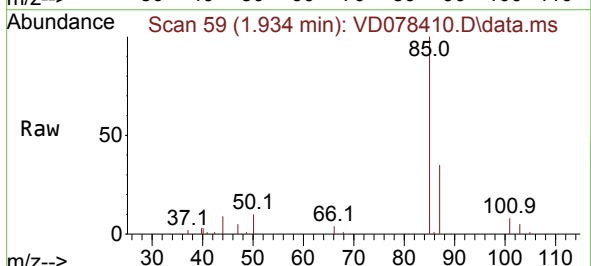
Acq: 14 Feb 2024 12:32

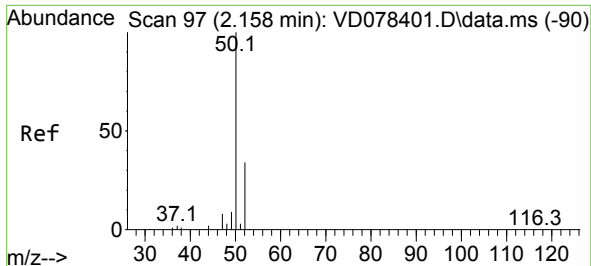
Tgt Ion: 85 Resp: 28019

Ion Ratio Lower Upper

85 100

87 34.9 15.7 47.0

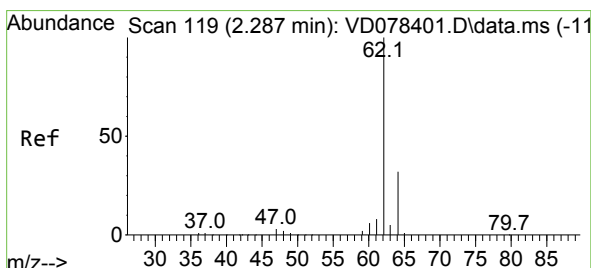
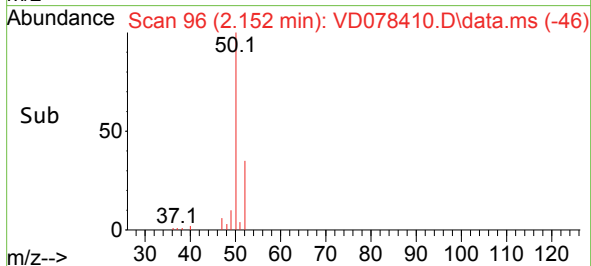
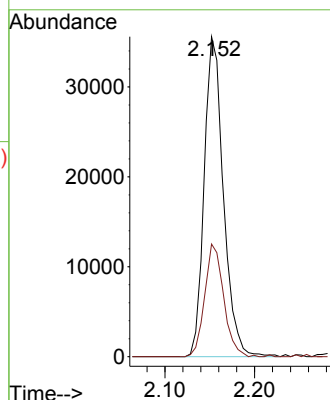
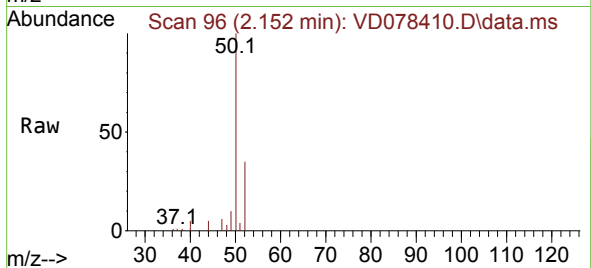




#3
Chloromethane
Concen: 19.317 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.006 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

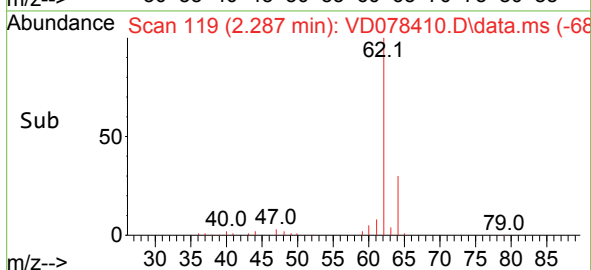
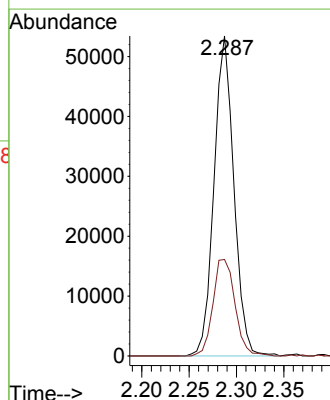
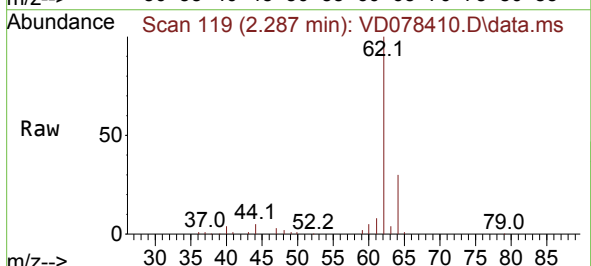
Instrument :
MSVOA_D
ClientSampleId :

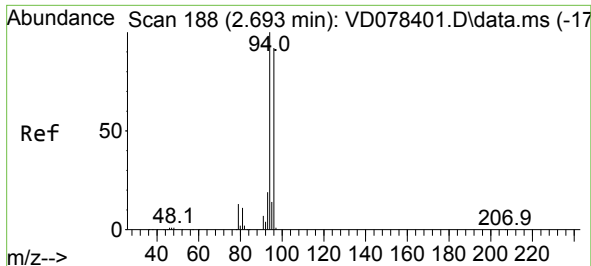
Tgt Ion: 50 Resp: 52941
Ion Ratio Lower Upper
50 100
52 35.2 26.6 40.0



#4
Vinyl Chloride
Concen: 18.611 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion: 62 Resp: 77834
Ion Ratio Lower Upper
62 100
64 30.1 26.0 39.0

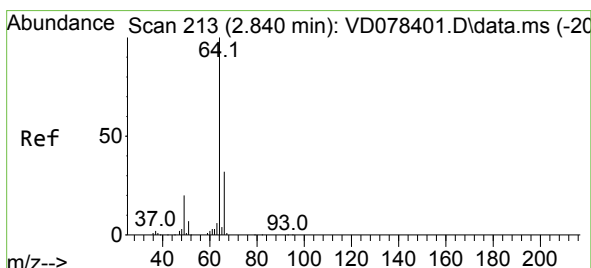
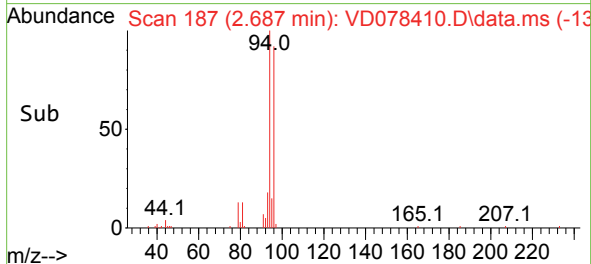
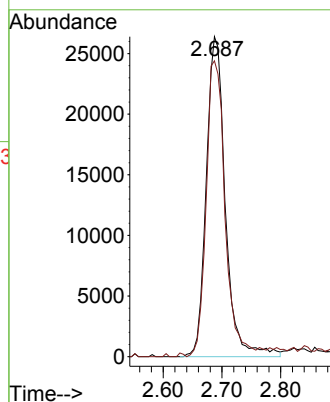
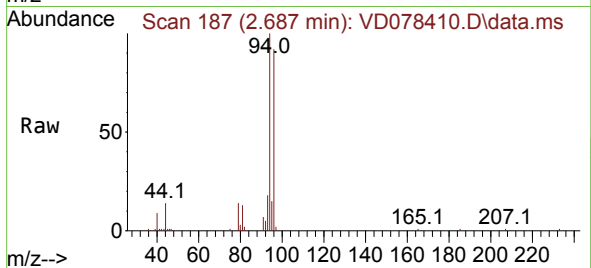




#5
Bromomethane
Concen: 20.615 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

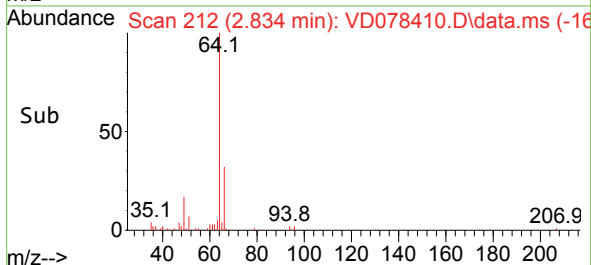
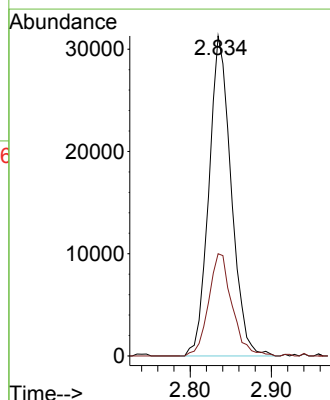
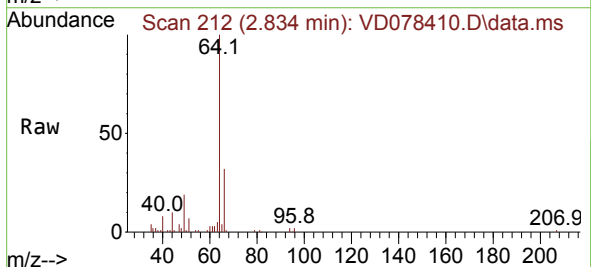
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 94 Resp: 59511
Ion Ratio Lower Upper
94 100
96 91.4 75.8 113.8



#6
Chloroethane
Concen: 19.566 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion: 64 Resp: 59667
Ion Ratio Lower Upper
64 100
66 31.9 25.5 38.3

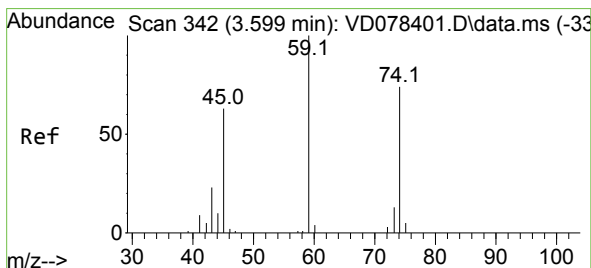
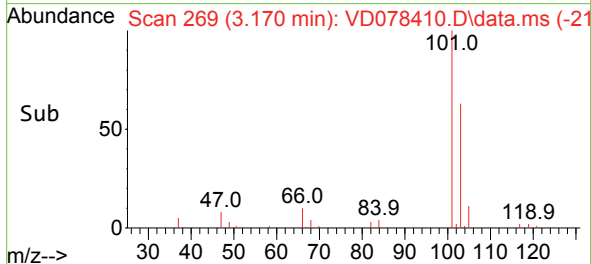
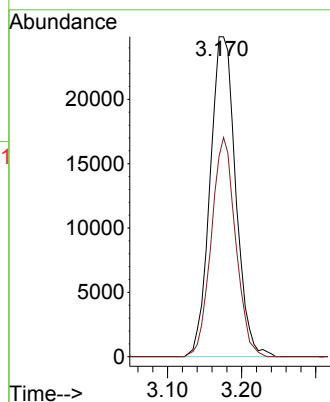
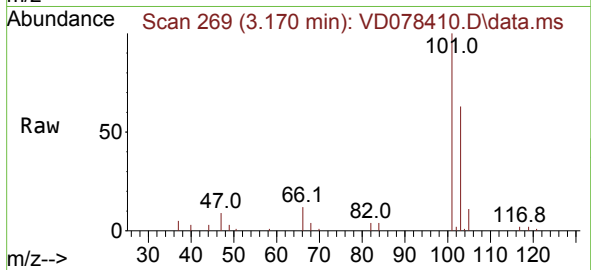




#7
Trichlorofluoromethane
Concen: 21.164 ug/l
RT: 3.170 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

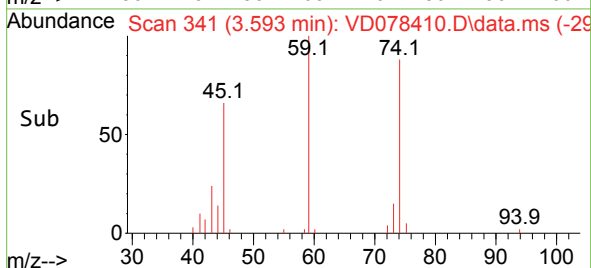
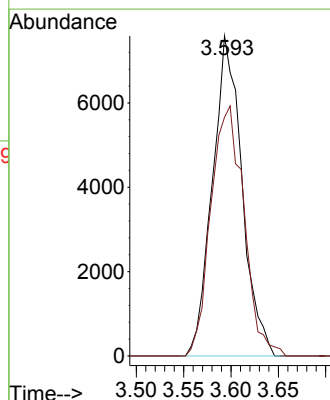
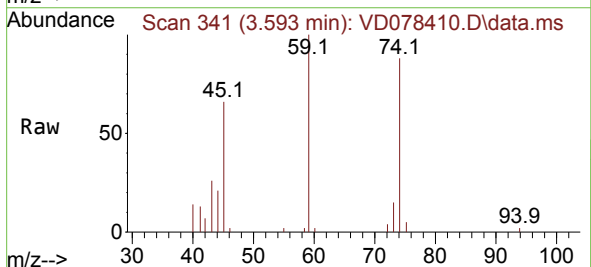
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 59706
Ion Ratio Lower Upper
101 100
103 62.7 52.3 78.5



#8
Diethyl Ether
Concen: 20.218 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

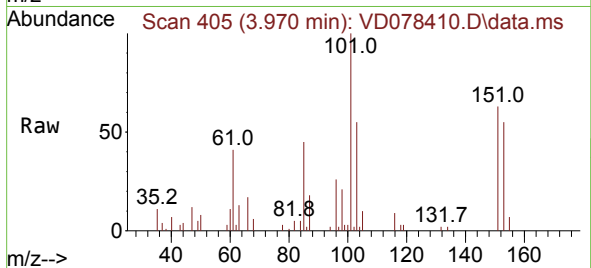
Tgt Ion: 74 Resp: 16429
Ion Ratio Lower Upper
74 100
45 87.3 37.5 112.7





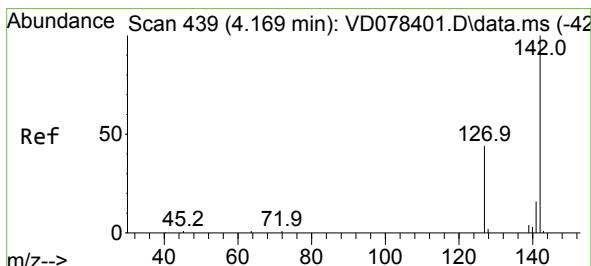
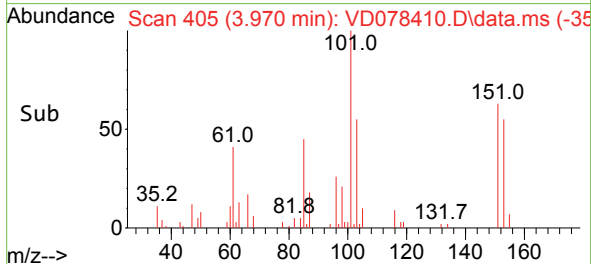
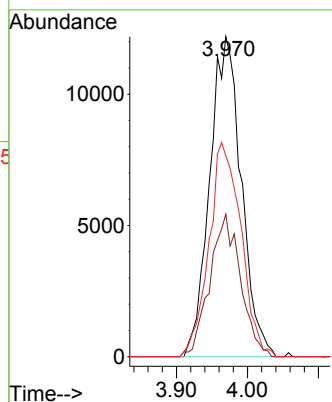
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.127 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Instrument :
MSVOA_D
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Tgt Ion:101 Resp: 37600

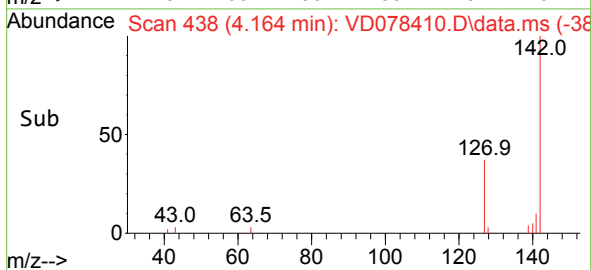
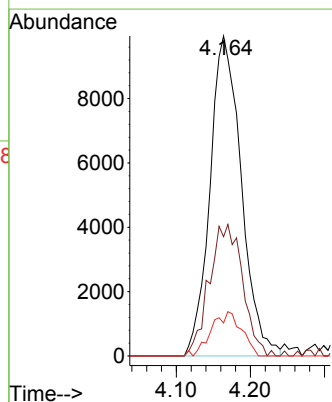
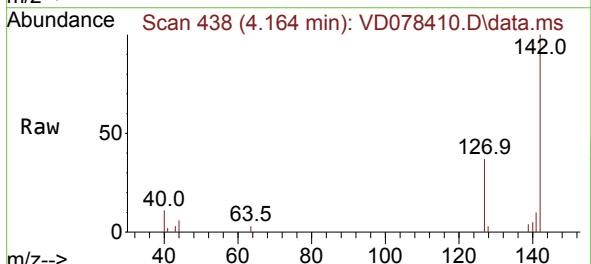
Ion	Ratio	Lower	Upper
101	100		
85	43.4	33.8	50.6
151	68.0	59.8	89.6

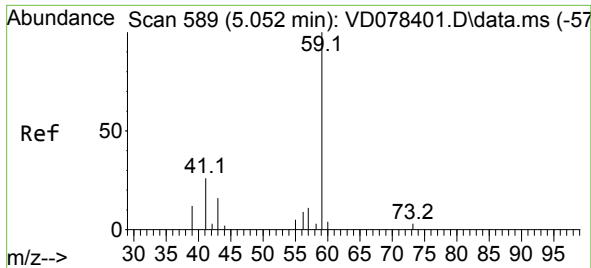


#10
Methyl Iodide
Concen: 18.323 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion:142 Resp: 29208

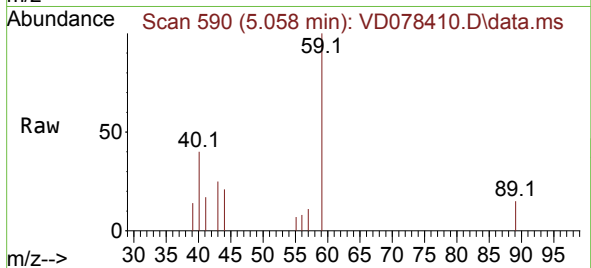
Ion	Ratio	Lower	Upper
142	100		
127	43.7	29.4	44.0
141	13.4	11.1	16.7



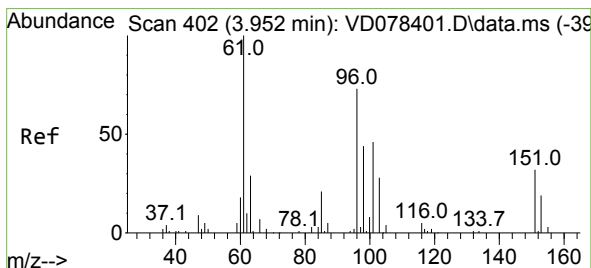
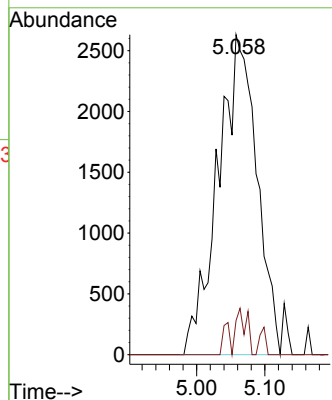
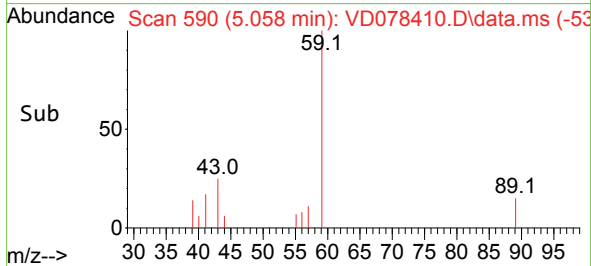


#11
Tert butyl alcohol
Concen: 114.629 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Instrument :
MSVOA_D
ClientSampleId :

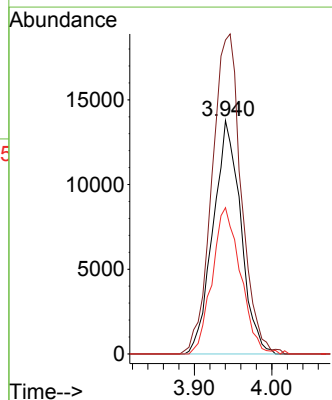
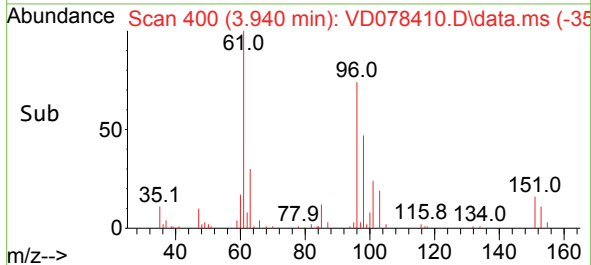
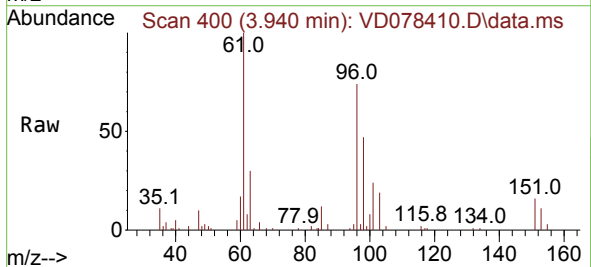


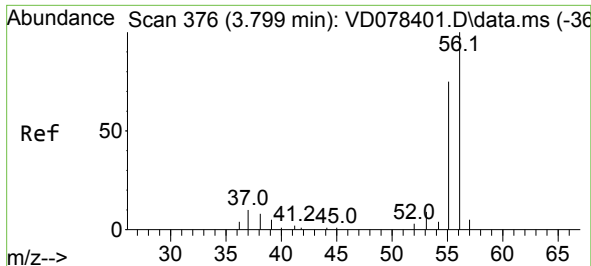
Tgt Ion: 59 Resp: 10439
Ion Ratio Lower Upper
59 100
57 4.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.717 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion: 96 Resp: 34184
Ion Ratio Lower Upper
96 100
61 134.6 100.6 150.8
98 62.7 50.2 75.2





#13

Acrolein

Concen: 92.161 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

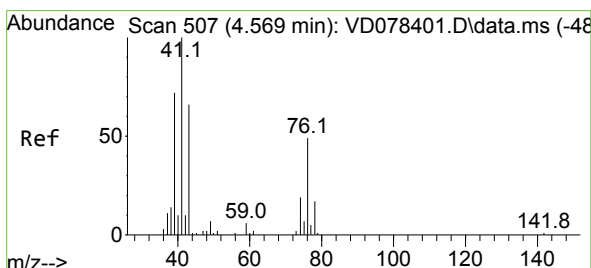
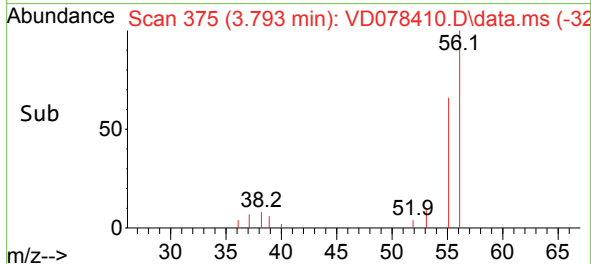
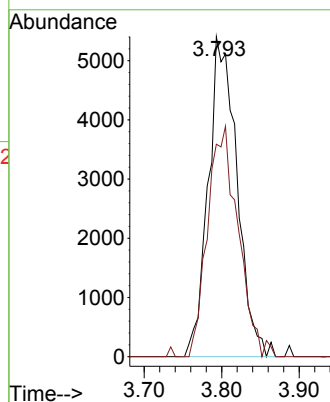
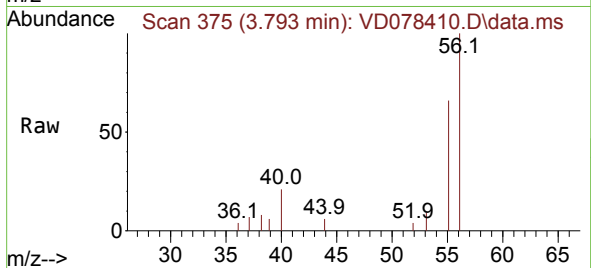
ClientSampleId :

Tgt Ion: 56 Resp: 13934

Ion Ratio Lower Upper

56 100

55 76.4 55.1 82.7



#14

Allyl chloride

Concen: 20.822 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

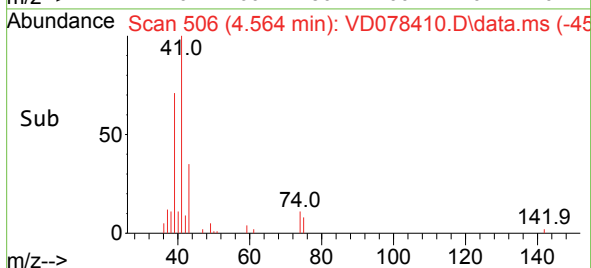
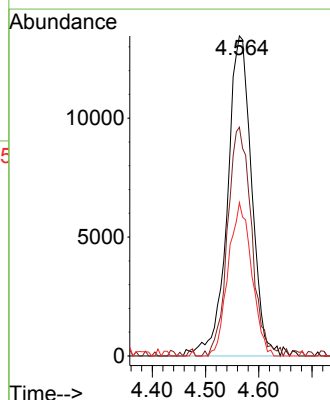
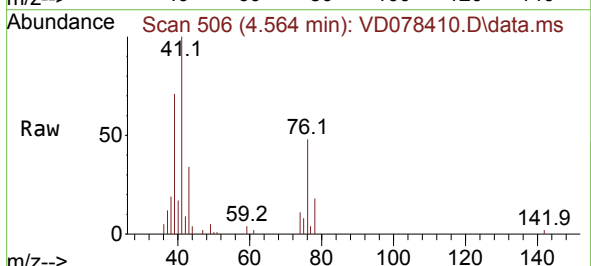
Tgt Ion: 41 Resp: 42444

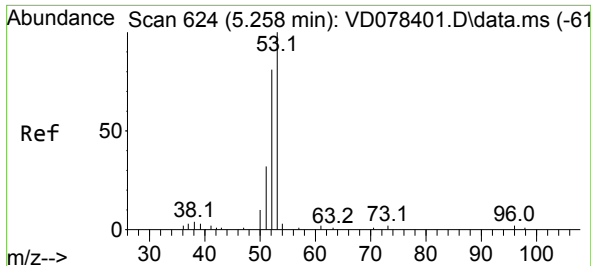
Ion Ratio Lower Upper

41 100

39 70.6 53.8 80.6

76 46.3 45.8 68.8

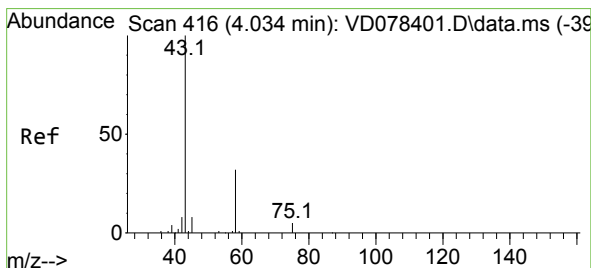
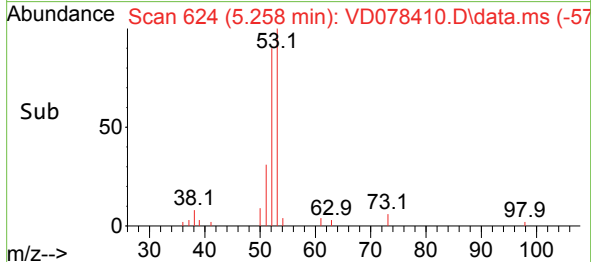
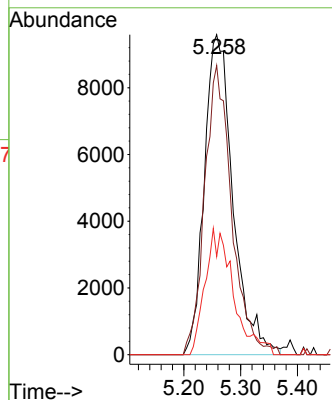
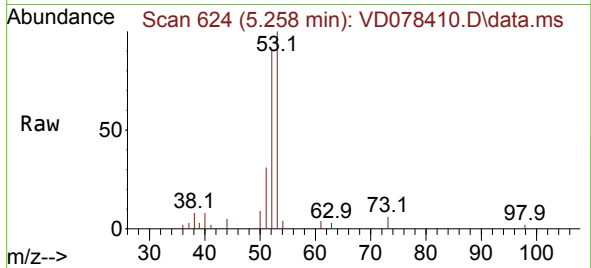




#15
Acrylonitrile
Concen: 96.480 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

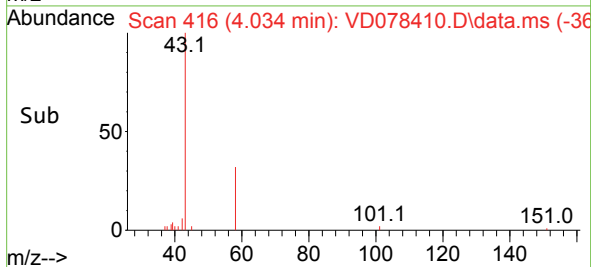
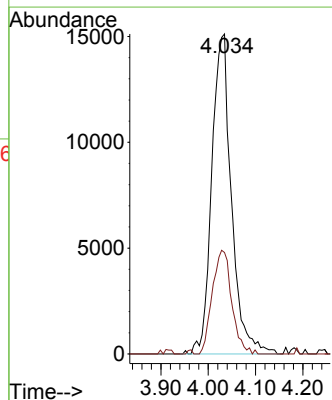
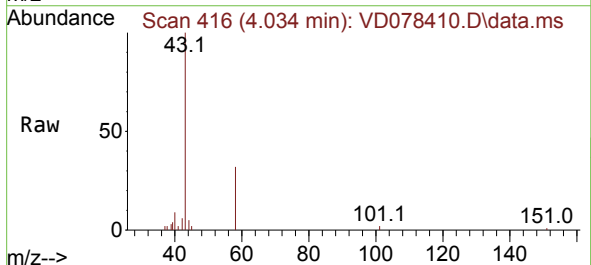
Instrument :
MSVOA_D
ClientSampleId :

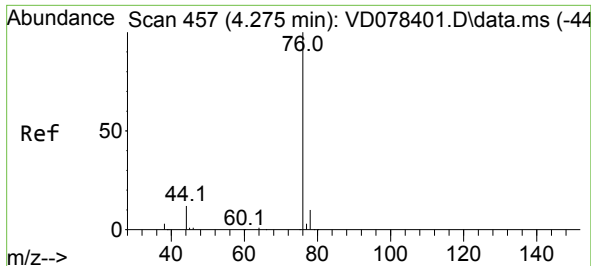
Tgt Ion: 53 Resp: 33561
Ion Ratio Lower Upper
53 100
52 85.5 65.0 97.4
51 39.0 28.3 42.5



#16
Acetone
Concen: 124.533 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

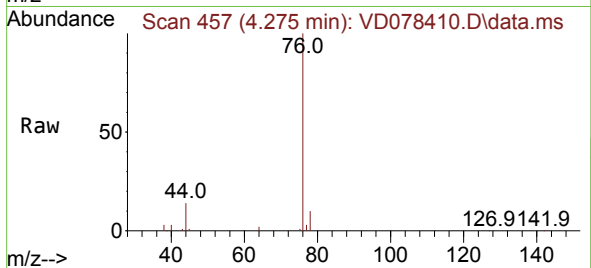
Tgt Ion: 43 Resp: 43621
Ion Ratio Lower Upper
43 100
58 31.7 34.7 52.1#



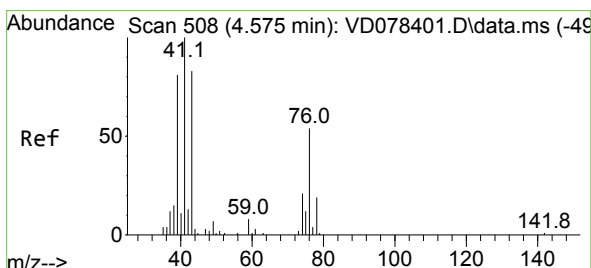
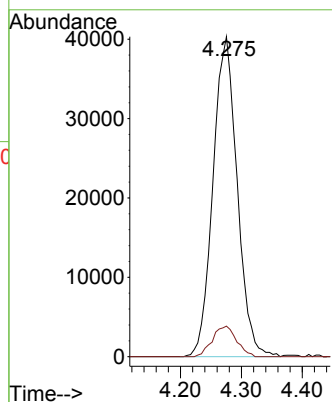
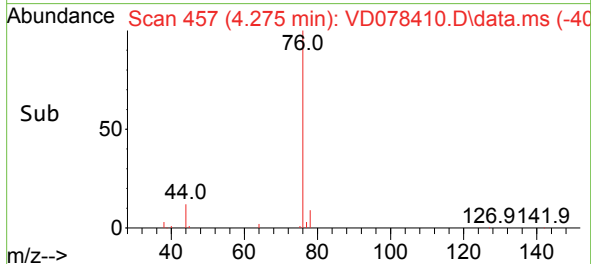


#17
Carbon Disulfide
Concen: 20.028 ug/l
RT: 4.275 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Instrument :
MSVOA_D
ClientSampleId :

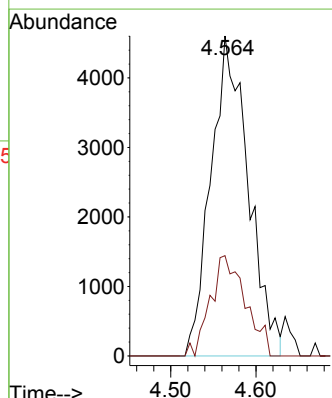
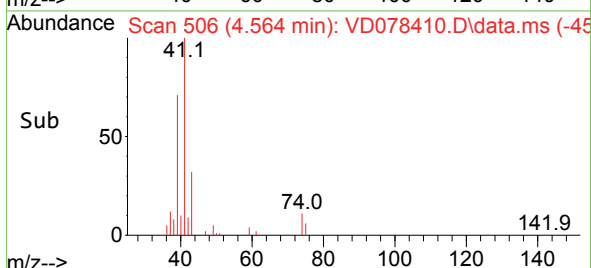
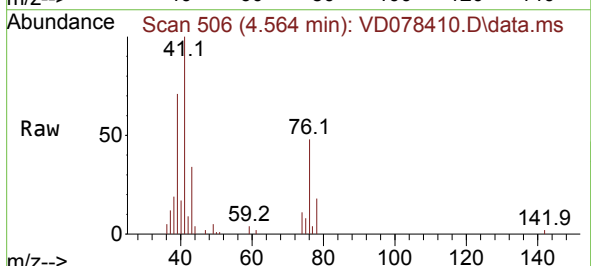


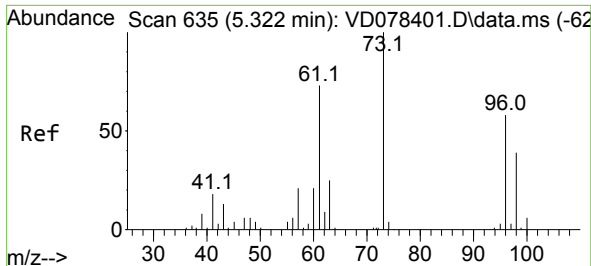
Tgt Ion: 76 Resp: 111200
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 15.051 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.011 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion: 43 Resp: 14036
Ion Ratio Lower Upper
43 100
74 29.4 26.4 39.6

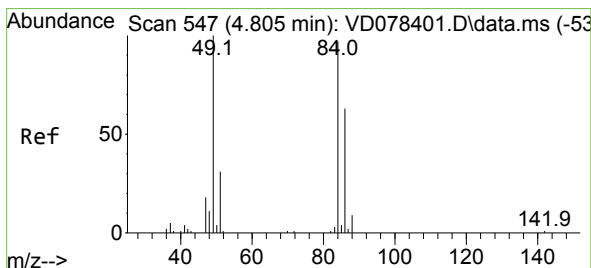
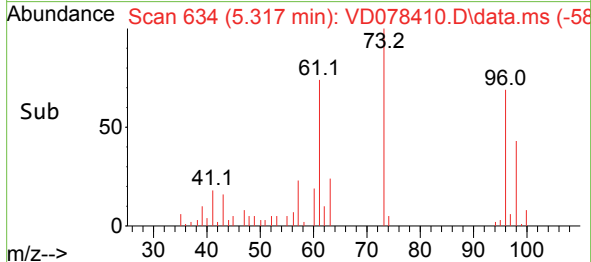
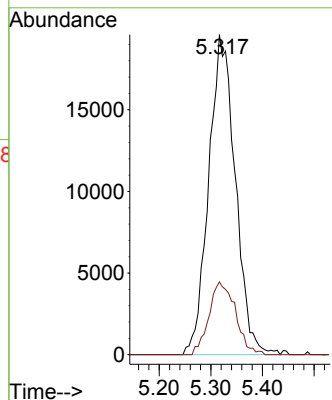
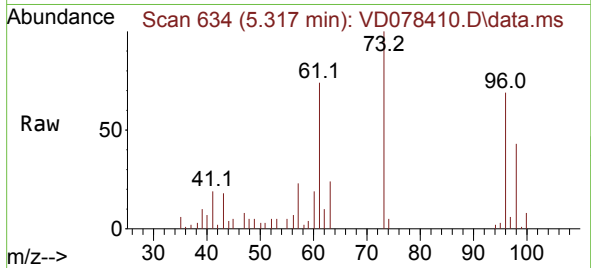




#19
Methyl tert-butyl Ether
Concen: 19.994 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

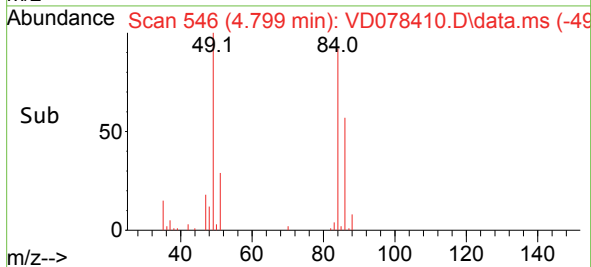
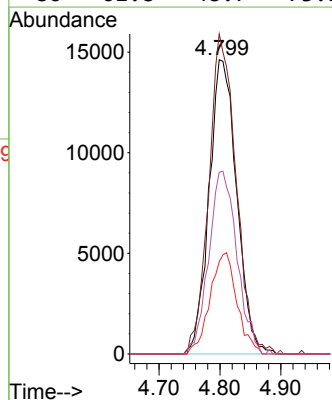
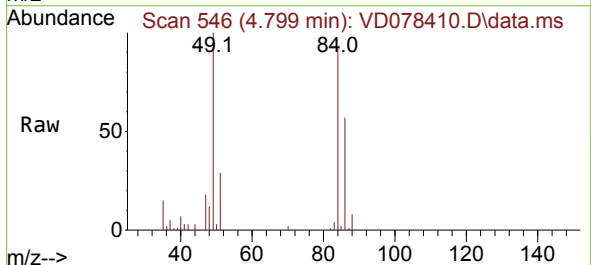
Instrument :
MSVOA_D
ClientSampleId :

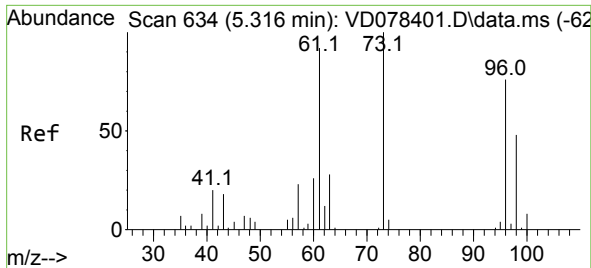
Tgt Ion: 73 Resp: 70092
Ion Ratio Lower Upper
73 100
57 22.8 16.6 25.0



#20
Methylene Chloride
Concen: 23.175 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion: 84 Resp: 46038
Ion Ratio Lower Upper
84 100
49 108.7 71.4 107.2#
51 31.4 24.5 36.7
86 61.8 48.7 73.1

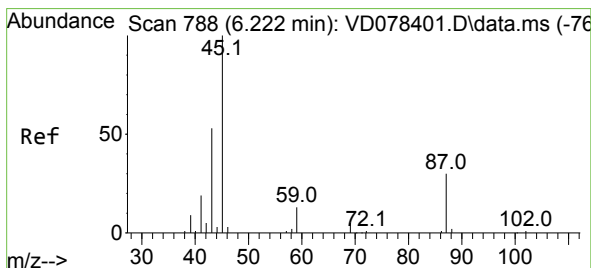
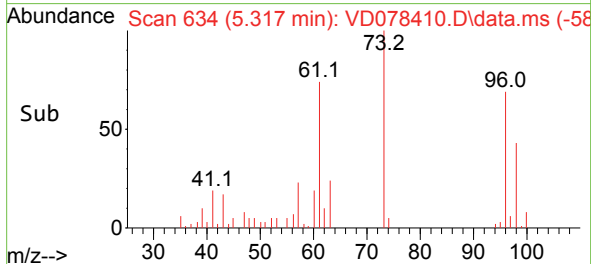
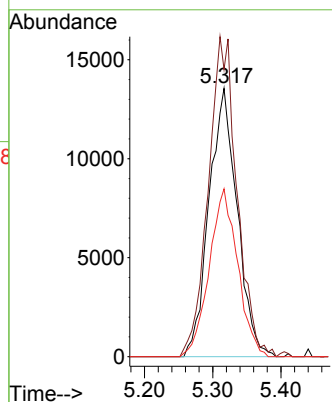
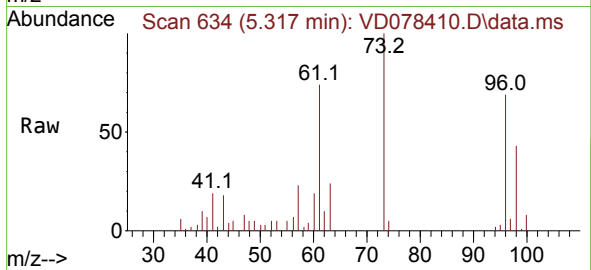




#21
trans-1,2-Dichloroethene
Concen: 20.114 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

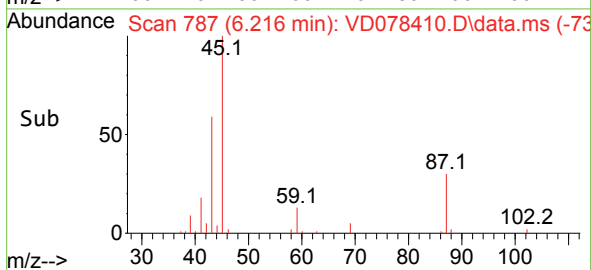
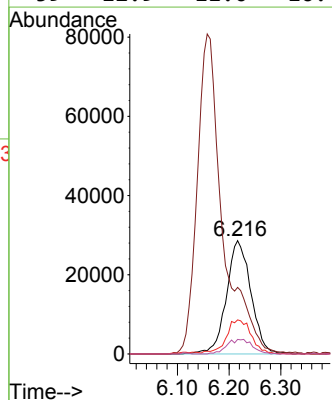
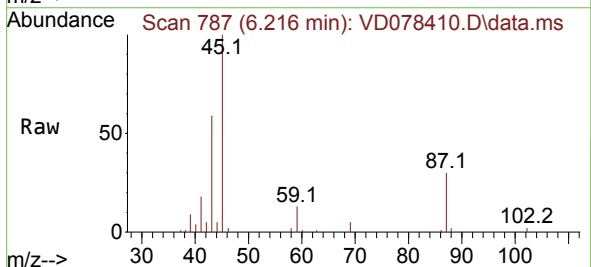
Instrument :
MSVOA_D
ClientSampleId :

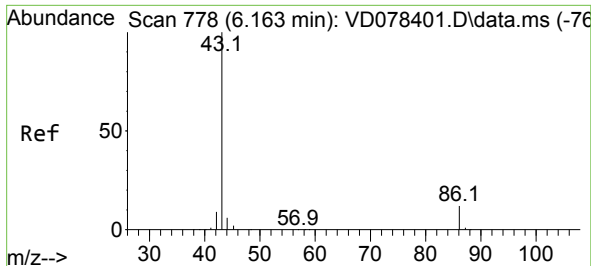
Tgt Ion: 96 Resp: 39043
Ion Ratio Lower Upper
96 100
61 107.1 89.3 133.9
98 62.6 48.6 73.0



#22
Diisopropyl ether
Concen: 20.931 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion: 45 Resp: 94040
Ion Ratio Lower Upper
45 100
43 57.1 40.0 60.0
87 30.1 28.2 42.4
59 12.9 11.0 16.4

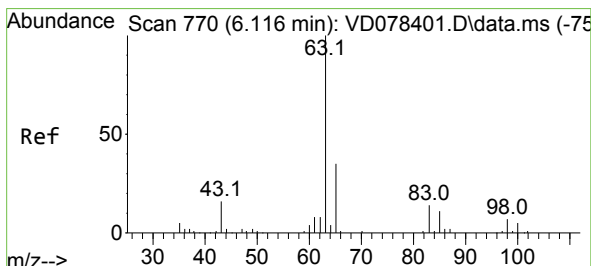
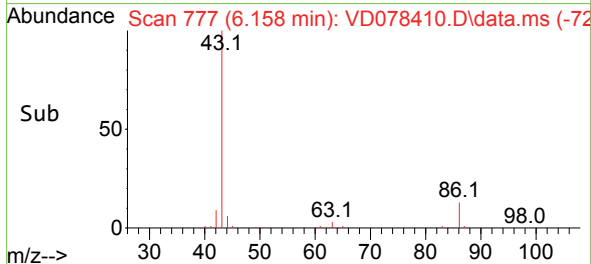
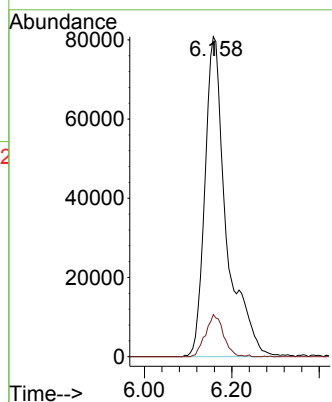
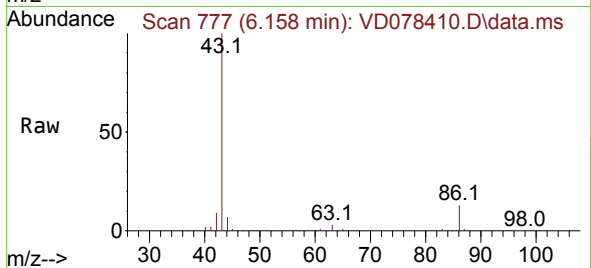




#23
 Vinyl Acetate
 Concen: 144.081 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD078410.D
 Acq: 14 Feb 2024 12:32

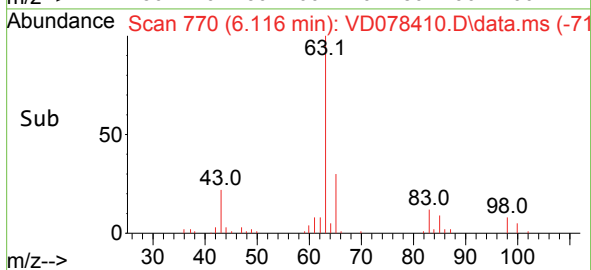
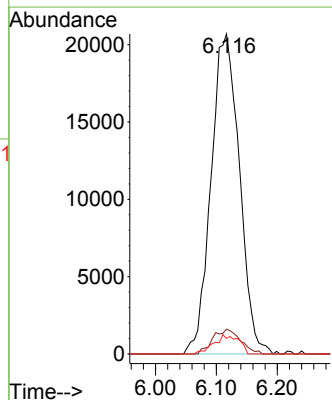
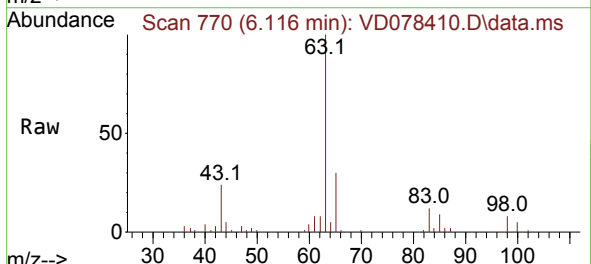
Instrument :
 MSVOA_D
 ClientSampleId :

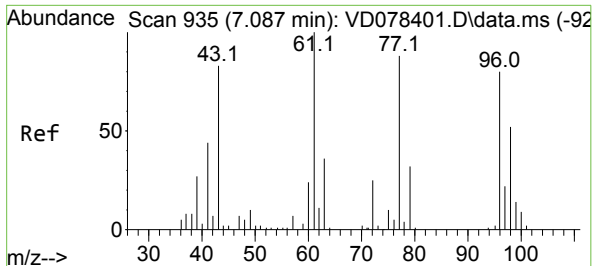
Tgt Ion: 43 Resp: 276240
 Ion Ratio Lower Upper
 43 100
 86 13.2 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 21.024 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD078410.D
 Acq: 14 Feb 2024 12:32

Tgt Ion: 63 Resp: 66912
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.5 13.7
 100 4.9 2.5 7.5





#25

2-Butanone

Concen: 112.660 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

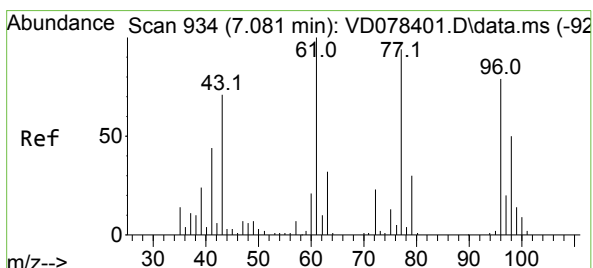
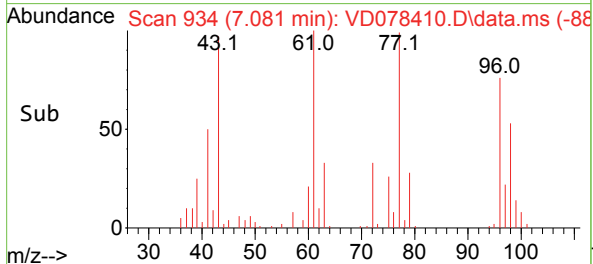
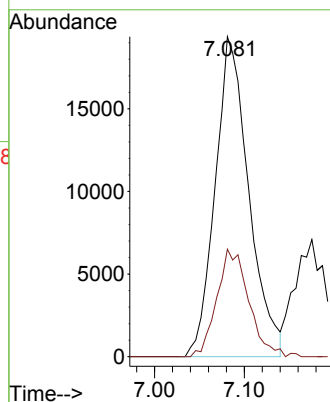
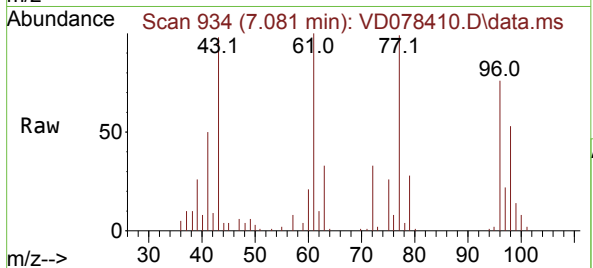
ClientSampleId :

Tgt Ion: 43 Resp: 50290

Ion Ratio Lower Upper

43 100

72 33.6 30.7 46.1



#26

2,2-Dichloropropane

Concen: 20.548 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078410.D

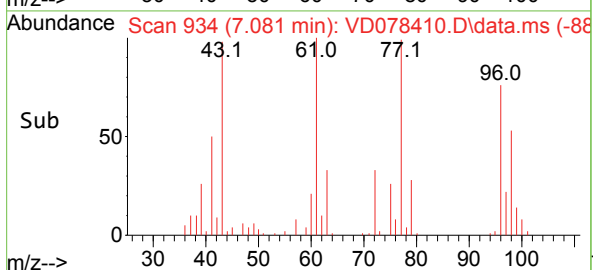
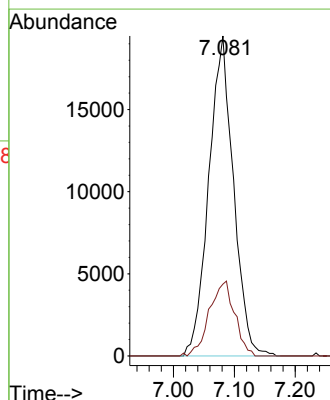
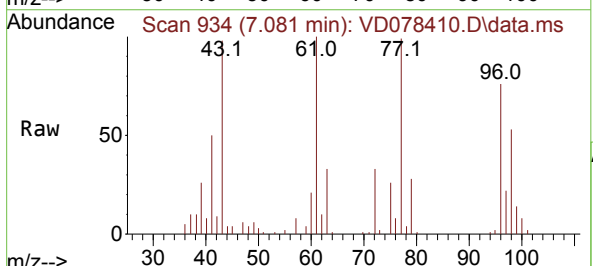
Acq: 14 Feb 2024 12:32

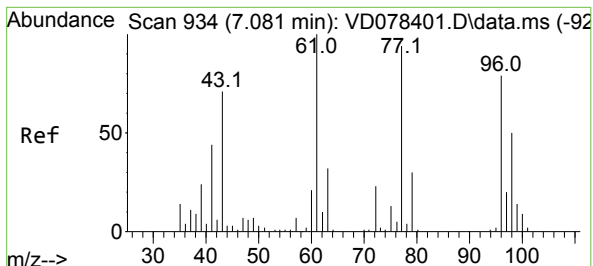
Tgt Ion: 77 Resp: 54823

Ion Ratio Lower Upper

77 100

97 24.0 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 19.580 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

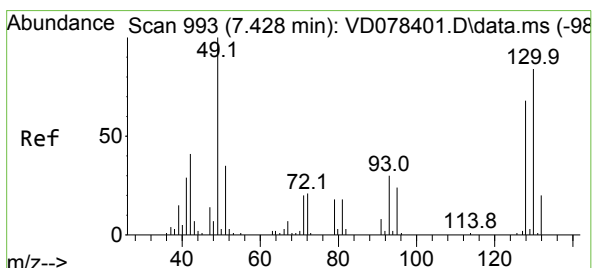
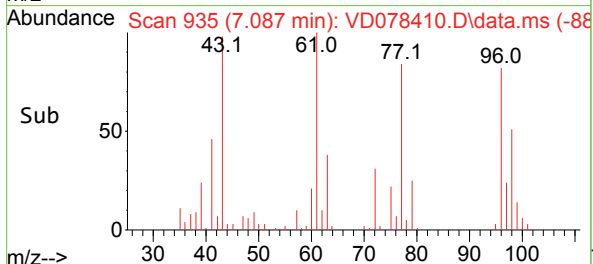
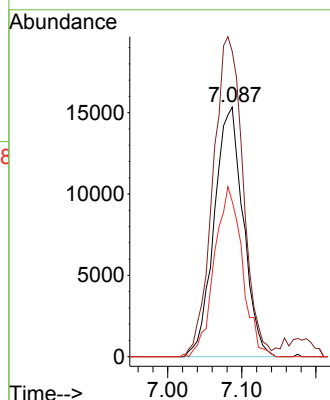
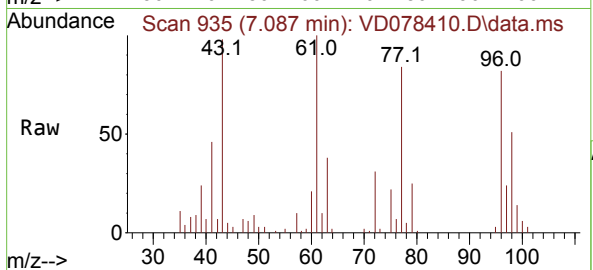
Tgt Ion: 96 Resp: 41699

Ion Ratio Lower Upper

96 100

61 132.9 0.0 239.2

98 65.5 0.0 128.6



#28

Bromochloromethane

Concen: 21.485 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

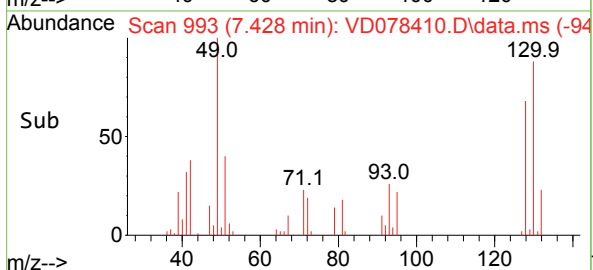
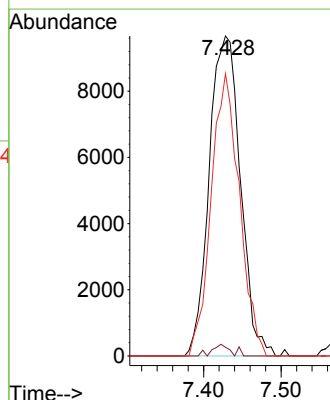
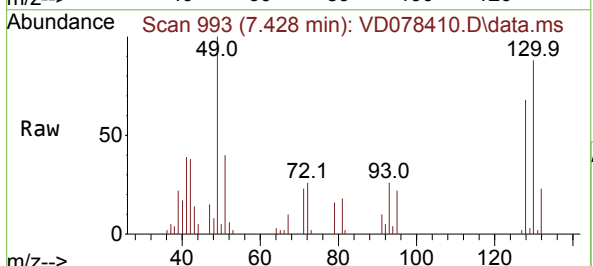
Tgt Ion: 49 Resp: 27084

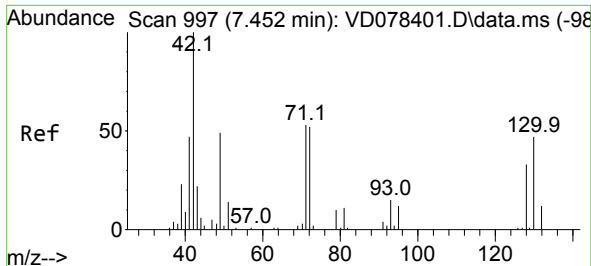
Ion Ratio Lower Upper

49 100

129 1.8 0.0 6.0

130 79.8 83.2 124.8#





#29

Tetrahydrofuran

Concen: 102.122 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

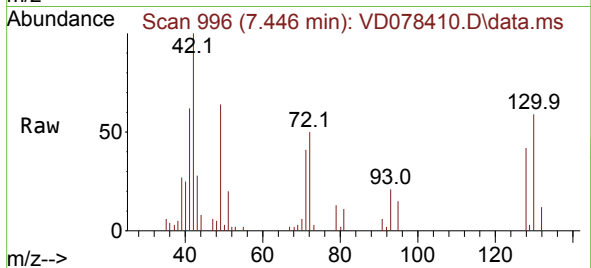
Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :



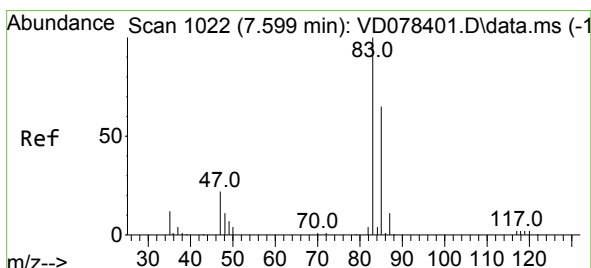
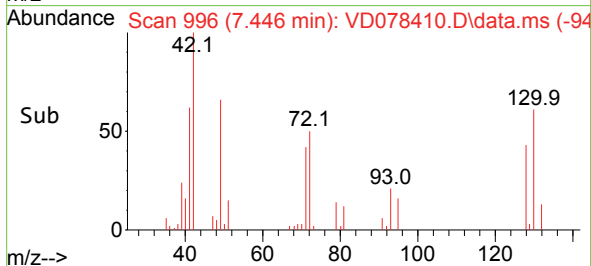
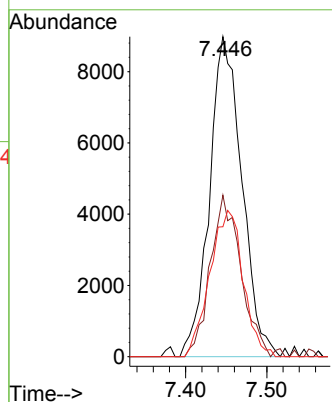
Tgt Ion: 42 Resp: 24855

Ion Ratio Lower Upper

42 100

72 47.7 46.5 69.7

71 47.1 44.5 66.7



#30

Chloroform

Concen: 20.000 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078410.D

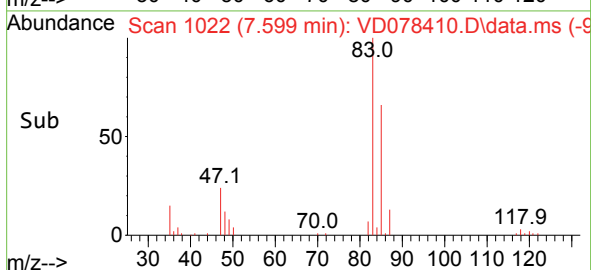
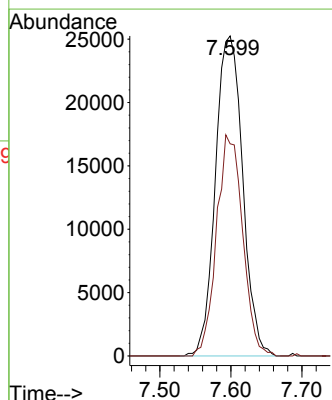
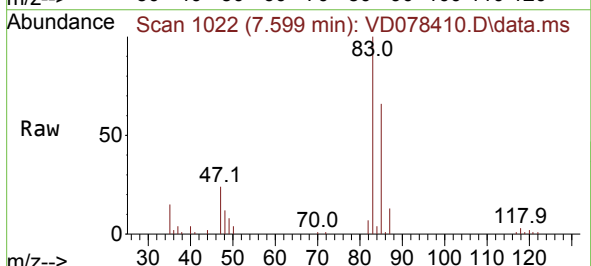
Acq: 14 Feb 2024 12:32

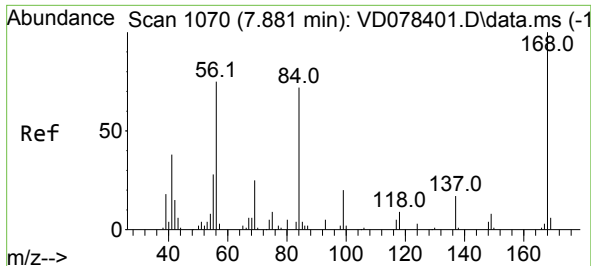
Tgt Ion: 83 Resp: 67347

Ion Ratio Lower Upper

83 100

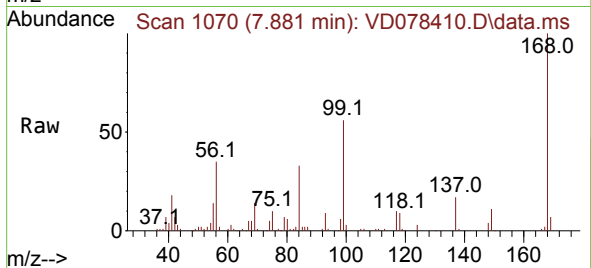
85 66.3 53.4 80.2



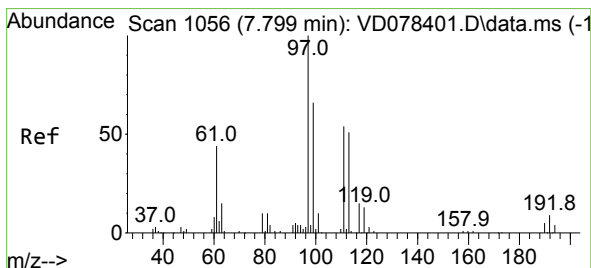
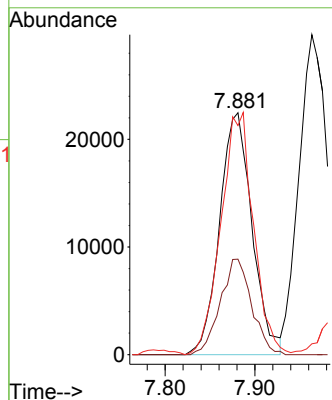
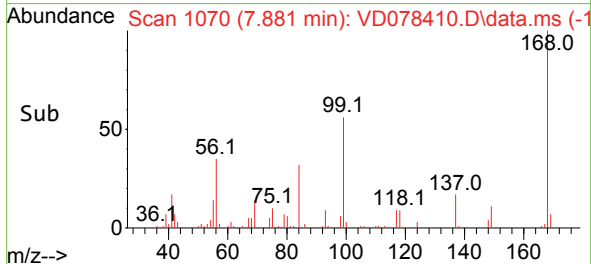


#31
Cyclohexane
Concen: 20.408 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Instrument :
MSVOA_D
ClientSampleId :

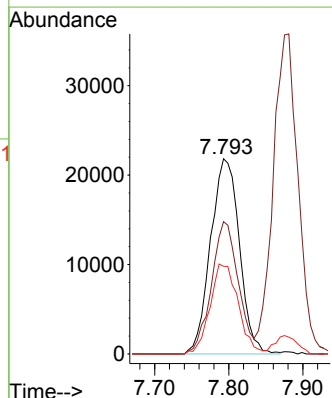
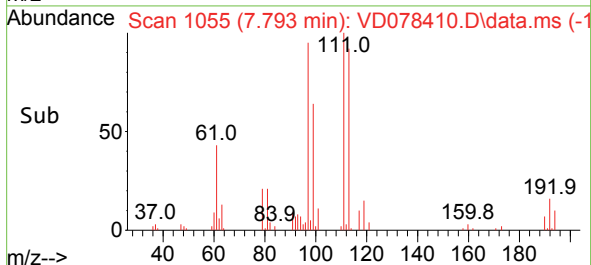
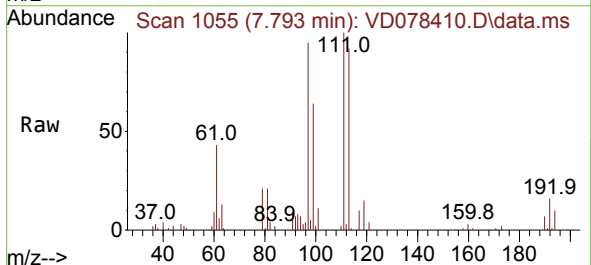


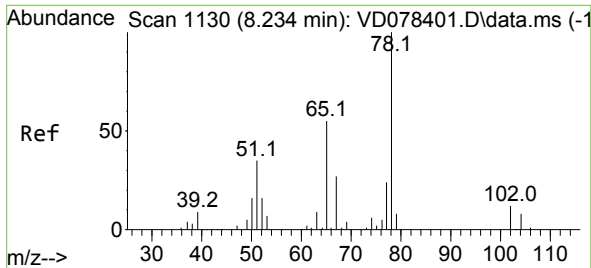
Tgt Ion: 56 Resp: 56499
Ion Ratio Lower Upper
56 100
69 39.5 28.6 43.0
84 93.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 20.549 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion: 97 Resp: 58998
Ion Ratio Lower Upper
97 100
99 63.0 52.0 78.0
61 44.8 33.8 50.8

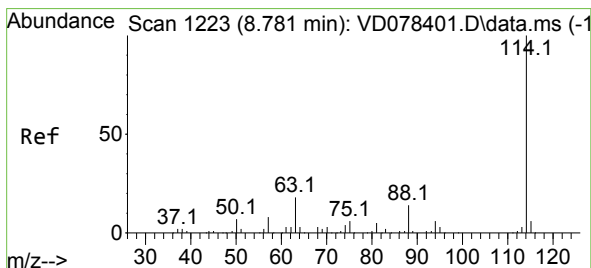
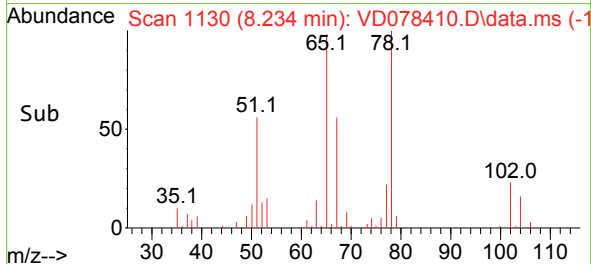
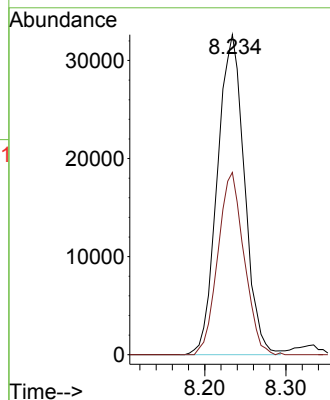
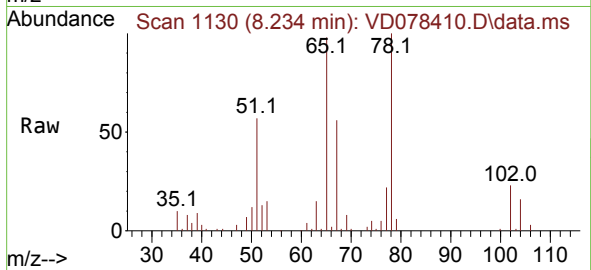




#33
 1,2-Dichloroethane-d4
 Concen: 46.223 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VD078410.D
 Acq: 14 Feb 2024 12:32

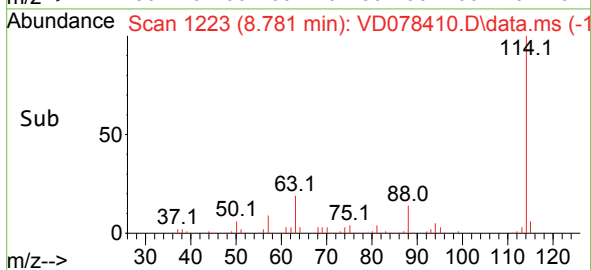
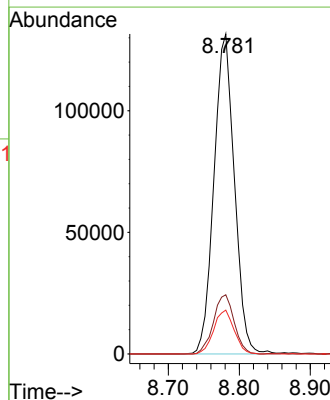
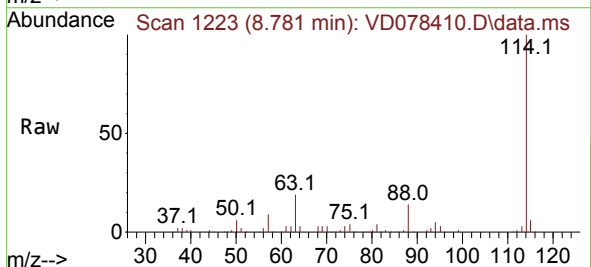
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 65 Resp: 75647
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: VD078410.D
 Acq: 14 Feb 2024 12:32

Tgt Ion:114 Resp: 262723
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 33.4
 88 13.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.342 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

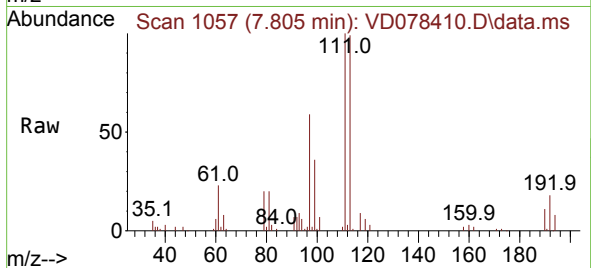
Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :



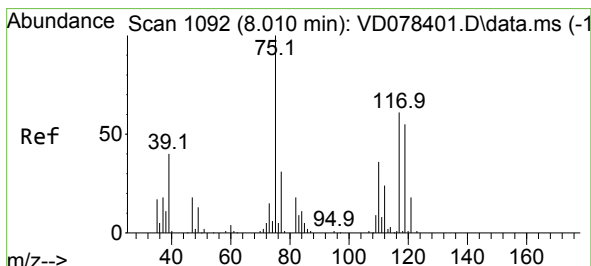
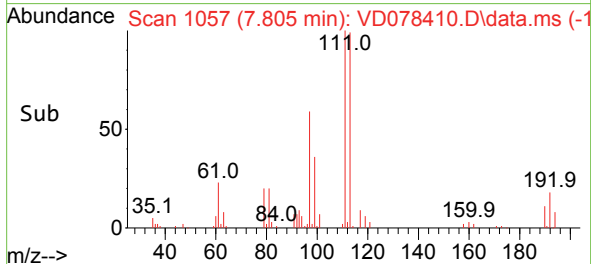
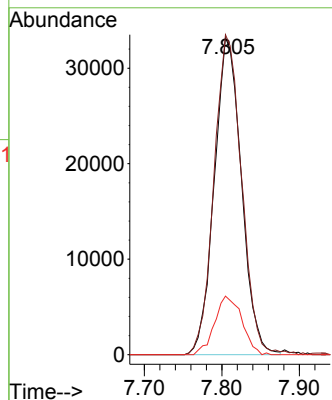
Tgt Ion:113 Resp: 80676

Ion Ratio Lower Upper

113 100

111 102.9 84.7 127.1

192 18.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 20.838 ug/l

RT: 8.011 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

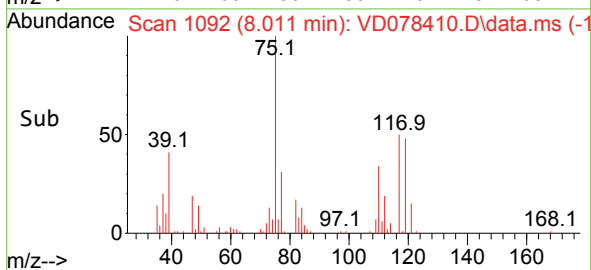
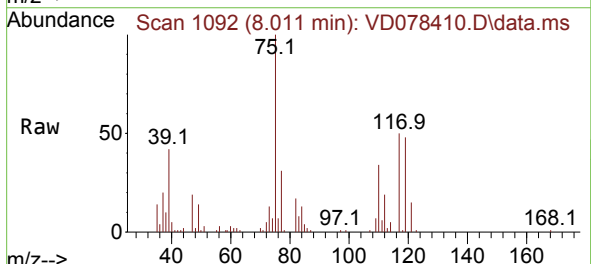
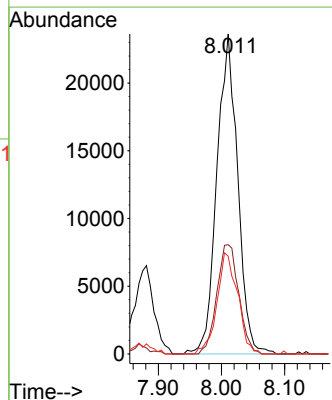
Tgt Ion: 75 Resp: 54024

Ion Ratio Lower Upper

75 100

110 35.9 19.9 59.6

77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 21.047 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078410.D

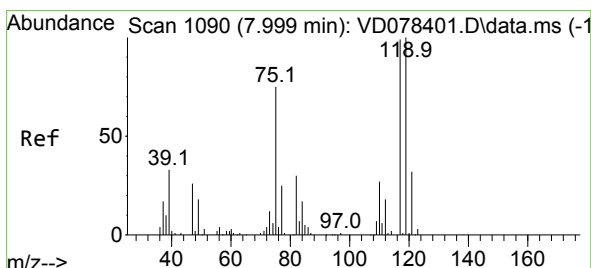
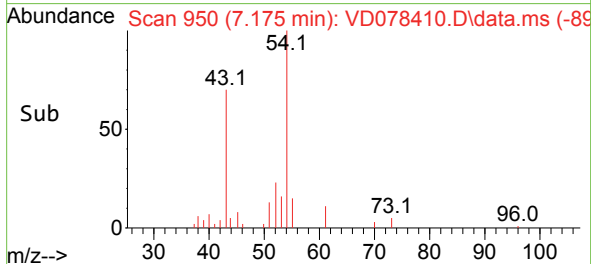
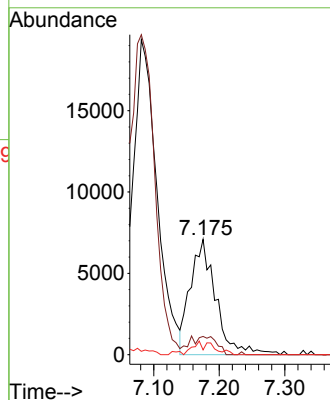
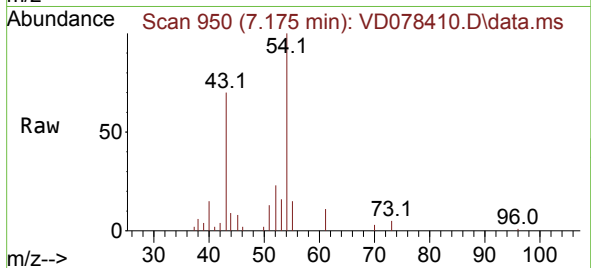
Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp:	19128
Ion Ratio	Lower	Upper
43	100	
61	16.7	14.9 22.3
70	4.4	10.0 15.0



#38

Carbon Tetrachloride

Concen: 20.015 ug/l

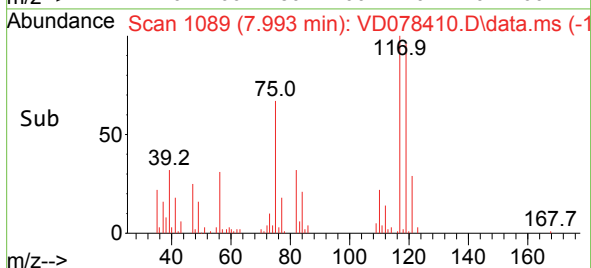
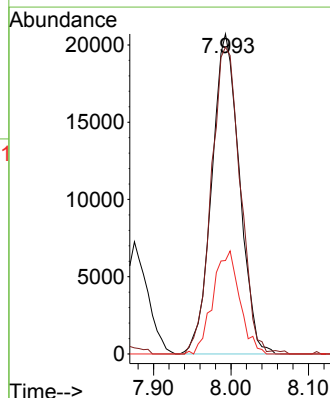
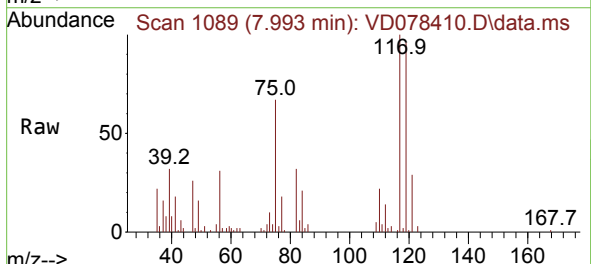
RT: 7.993 min Scan# 1089

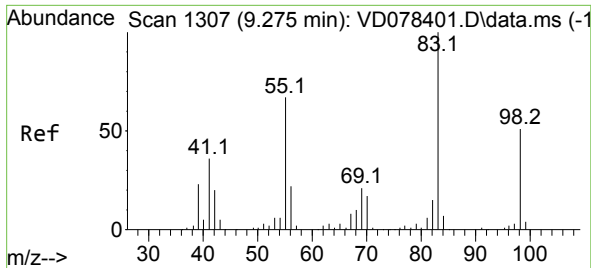
Delta R.T. -0.006 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

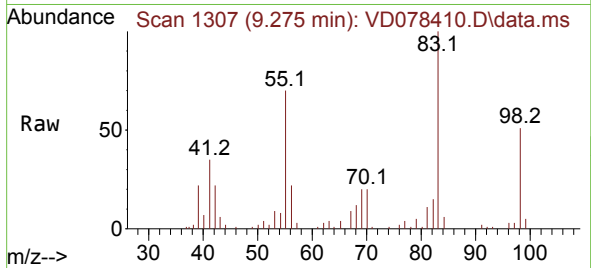
Tgt Ion: 117	Resp:	51389
Ion Ratio	Lower	Upper
117	100	
119	95.9	78.0 117.0
121	29.2	24.2 36.2



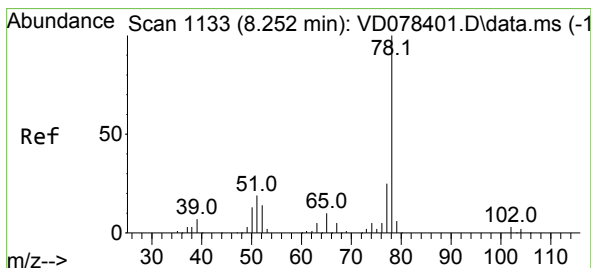
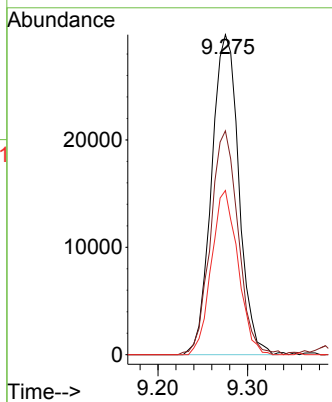
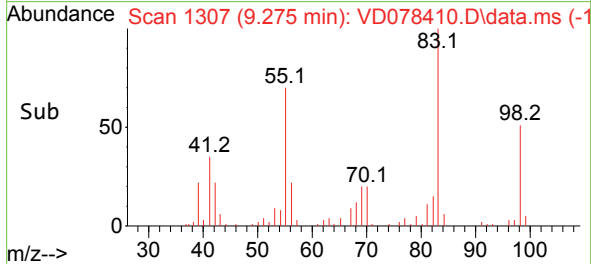


#39
Methylcyclohexane
Concen: 20.407 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Instrument :
MSVOA_D
ClientSampleId :

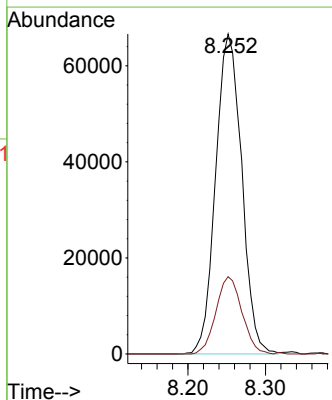
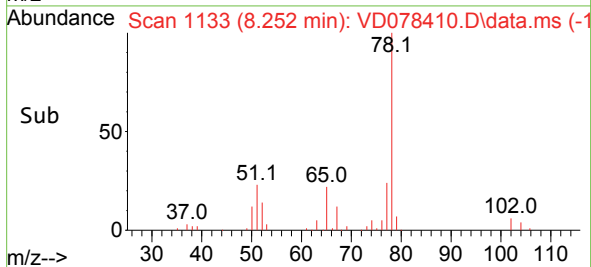
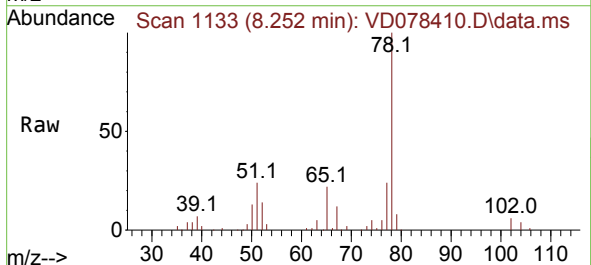


Tgt Ion: 83 Resp: 62809
Ion Ratio Lower Upper
83 100
55 69.9 49.4 74.0
98 51.3 38.4 57.6



#40
Benzene
Concen: 20.756 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

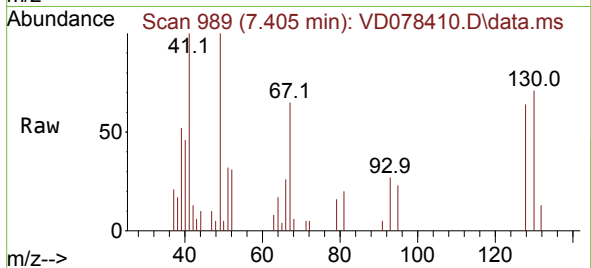
Tgt Ion: 78 Resp: 155540
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0





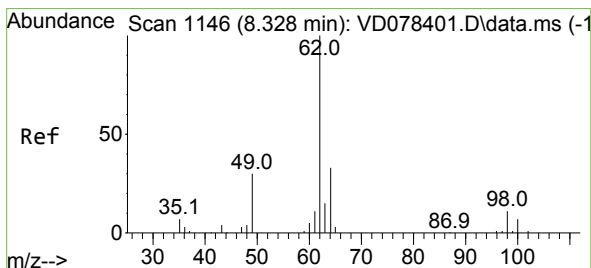
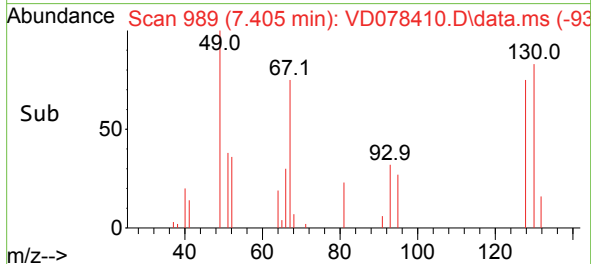
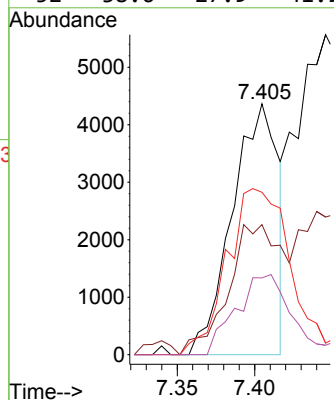
#41
Methacrylonitrile
Concen: 19.084 ug/l
RT: 7.405 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 41 Resp: 9026

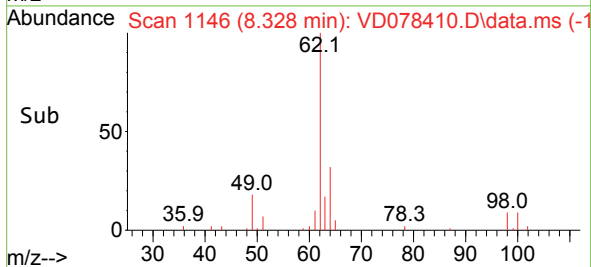
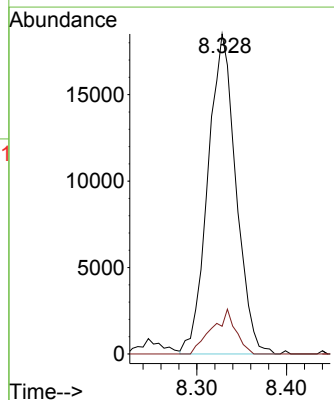
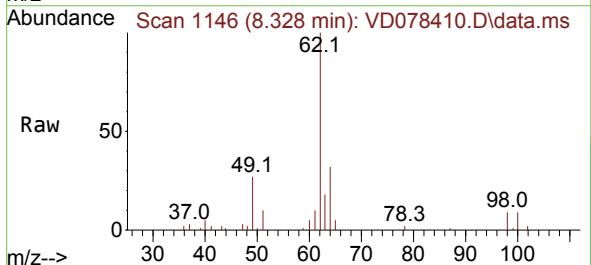
Ion	Ratio	Lower	Upper
41	100		
39	62.0	34.0	51.0#
67	90.6	77.0	115.4
52	38.6	27.9	41.9

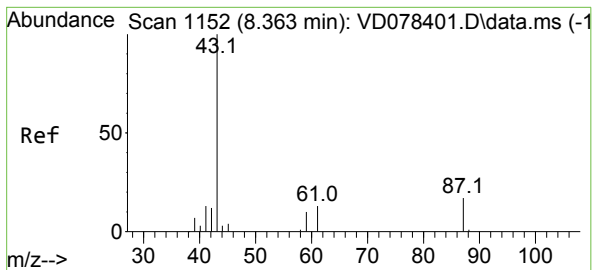


#42
1,2-Dichloroethane
Concen: 20.775 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion: 62 Resp: 40282

Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	25.4





#43

Isopropyl Acetate

Concen: 21.153 ug/l

RT: 8.358 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

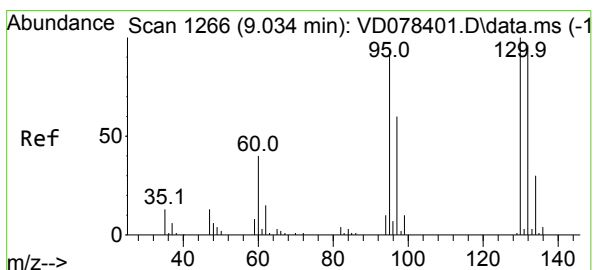
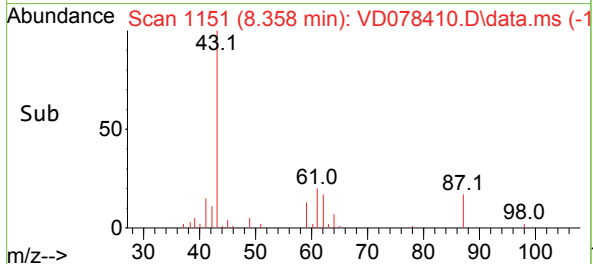
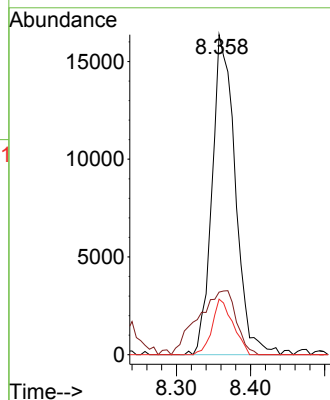
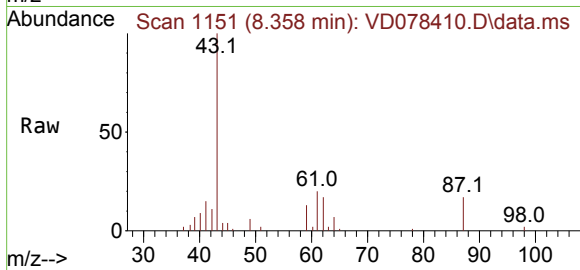
Tgt Ion: 43 Resp: 35598

Ion Ratio Lower Upper

43 100

61 33.1 31.4 47.0

87 15.5 14.9 22.3



#44

Trichloroethene

Concen: 20.433 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.006 min

Lab File: VD078410.D

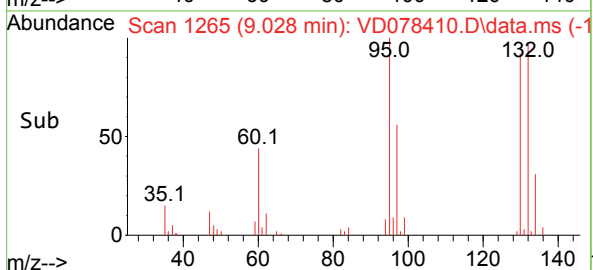
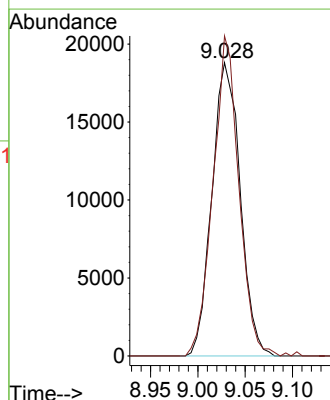
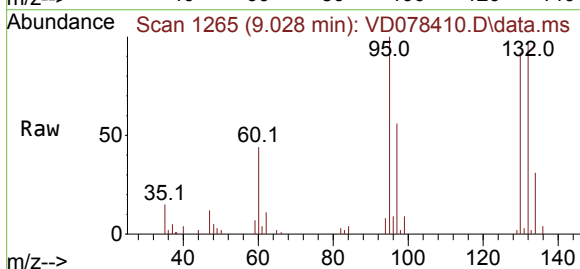
Acq: 14 Feb 2024 12:32

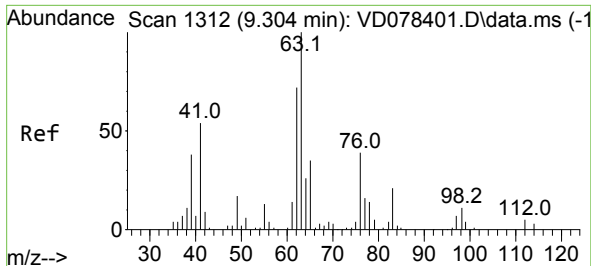
Tgt Ion:130 Resp: 39063

Ion Ratio Lower Upper

130 100

95 109.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.691 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

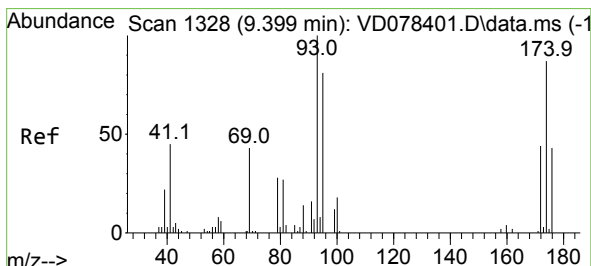
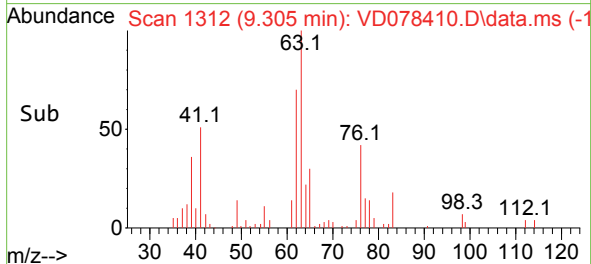
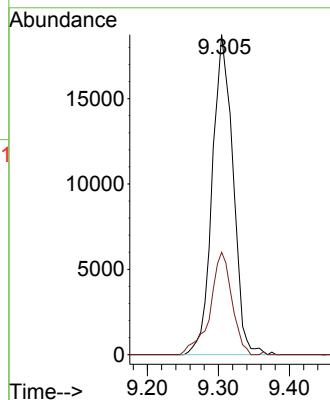
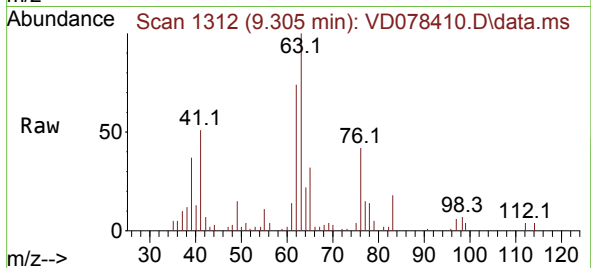
ClientSampleId :

Tgt Ion: 63 Resp: 38043

Ion Ratio Lower Upper

63 100

65 32.0 24.5 36.7



#46

Dibromomethane

Concen: 20.575 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

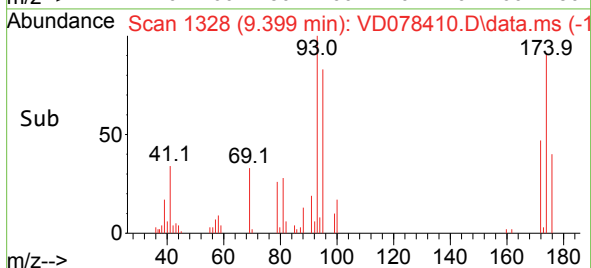
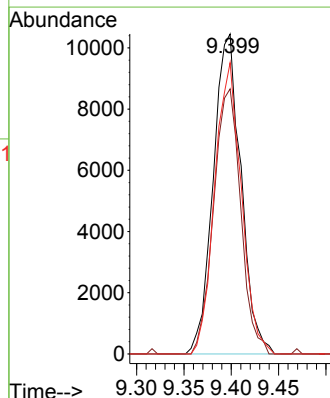
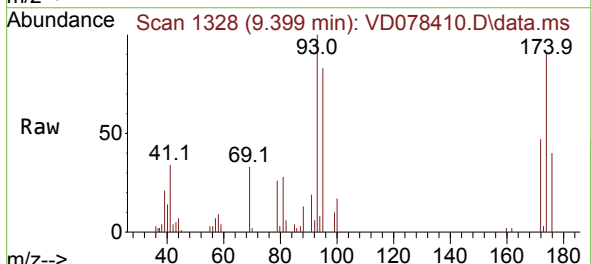
Tgt Ion: 93 Resp: 21278

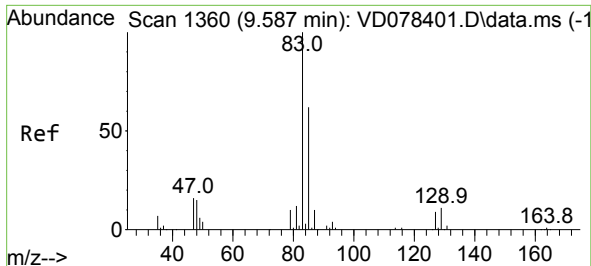
Ion Ratio Lower Upper

93 100

95 80.8 67.7 101.5

174 87.5 85.4 128.2

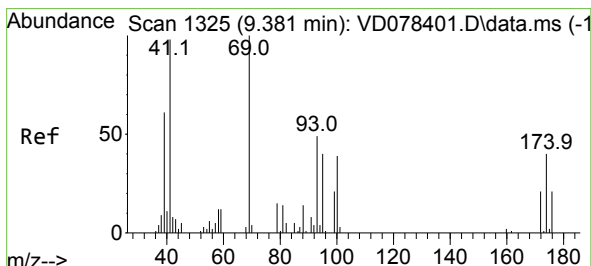
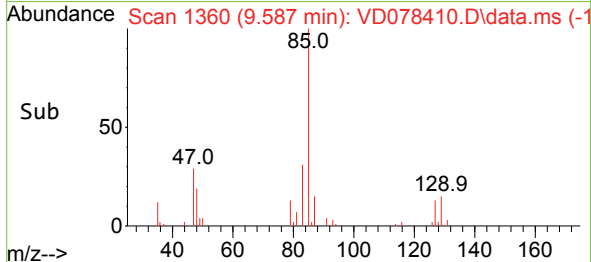
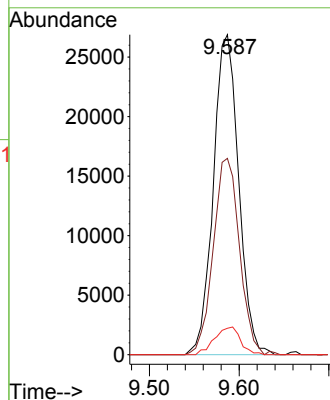
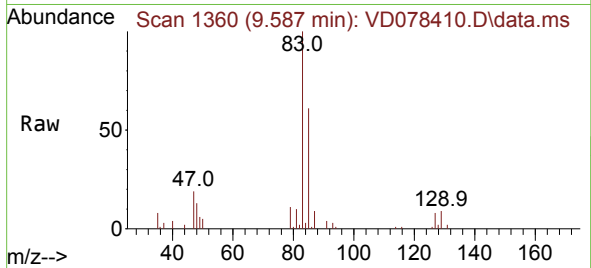




#47
Bromodichloromethane
Concen: 20.565 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

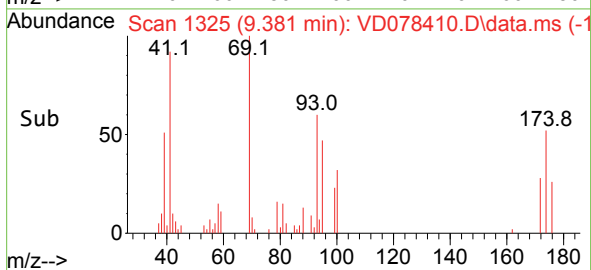
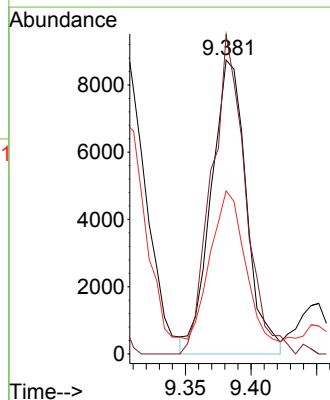
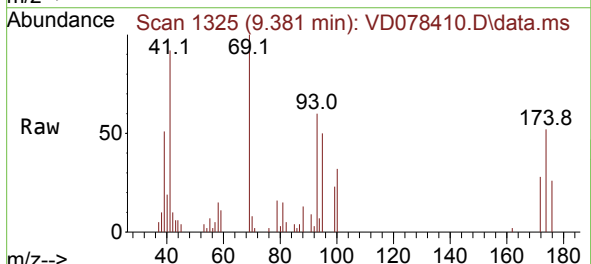
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 52677
Ion Ratio Lower Upper
83 100
85 61.3 50.2 75.4
127 8.3 6.3 9.5



#48
Methyl methacrylate
Concen: 18.330 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion: 41 Resp: 16366
Ion Ratio Lower Upper
41 100
69 104.1 102.2 153.2
39 58.5 41.4 62.2





#49

1,4-Dioxane

Concen: 378.323 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.006 min

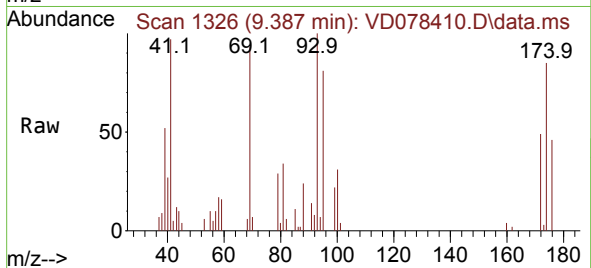
Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :



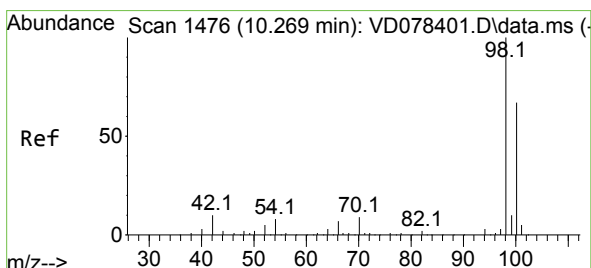
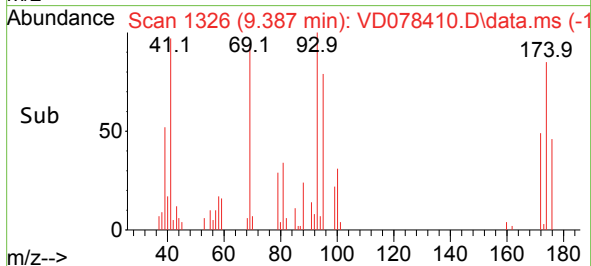
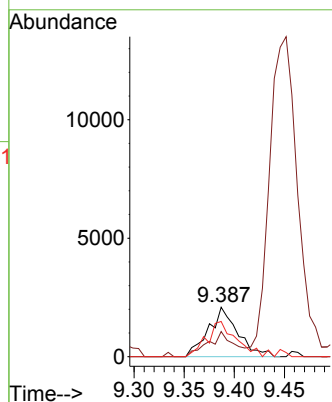
Tgt Ion: 88 Resp: 4237

Ion Ratio Lower Upper

88 100

43 44.3 19.0 28.6#

58 70.3 43.5 65.3#



#50

Toluene-d8

Concen: 47.487 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078410.D

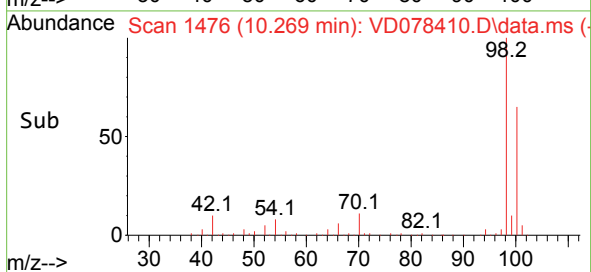
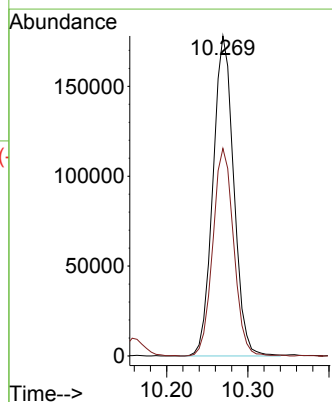
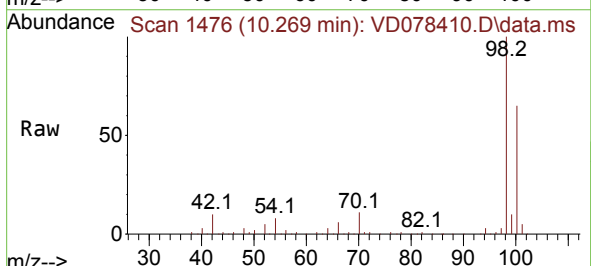
Acq: 14 Feb 2024 12:32

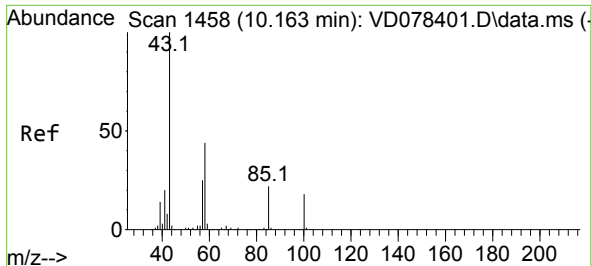
Tgt Ion: 98 Resp: 317017

Ion Ratio Lower Upper

98 100

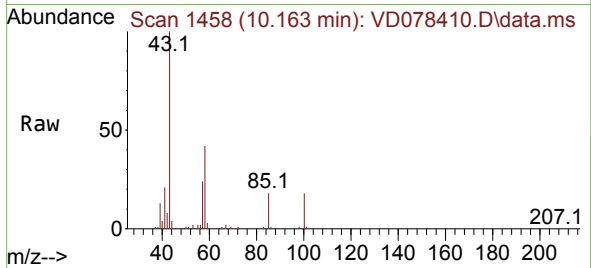
100 64.9 50.3 75.5



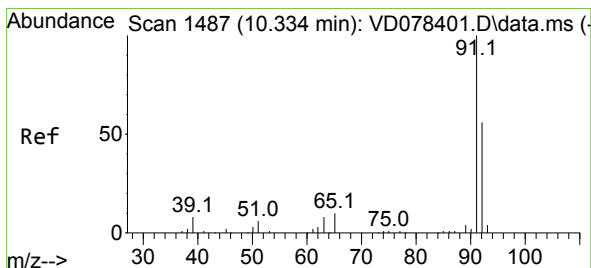
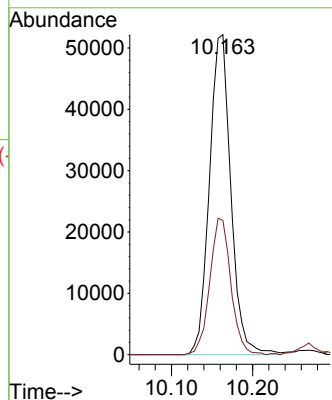
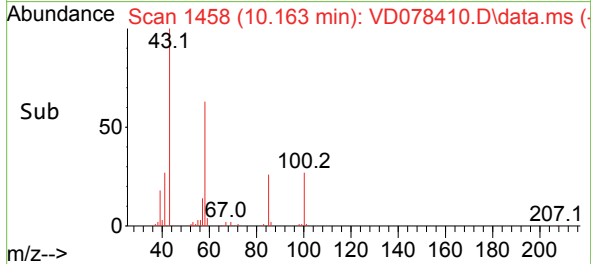


#51
4-Methyl-2-Pentanone
Concen: 107.105 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Instrument :
MSVOA_D
ClientSampleId :

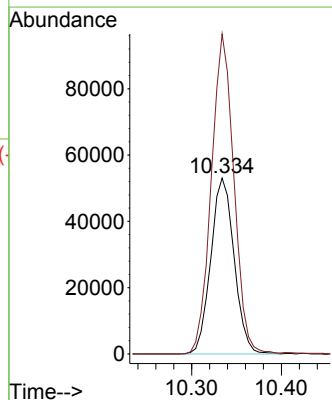
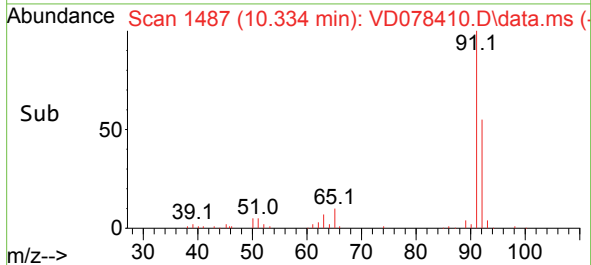
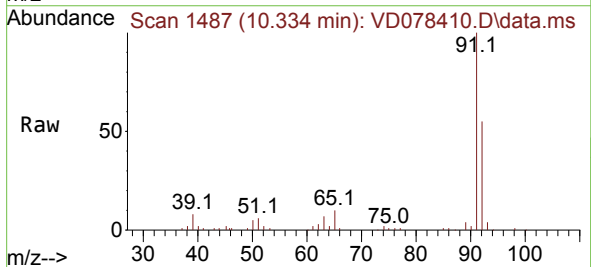


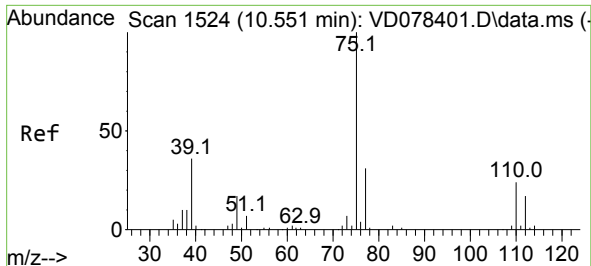
Tgt Ion: 43 Resp: 95665
Ion Ratio Lower Upper
43 100
58 41.9 38.9 58.3



#52
Toluene
Concen: 20.232 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion: 92 Resp: 95876
Ion Ratio Lower Upper
92 100
91 176.0 143.0 214.4

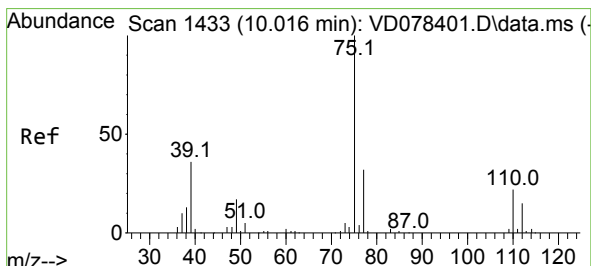
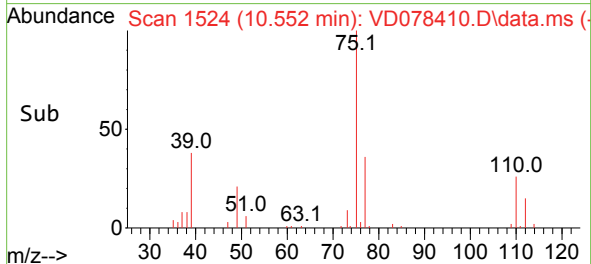
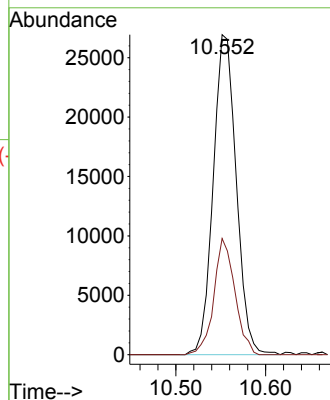
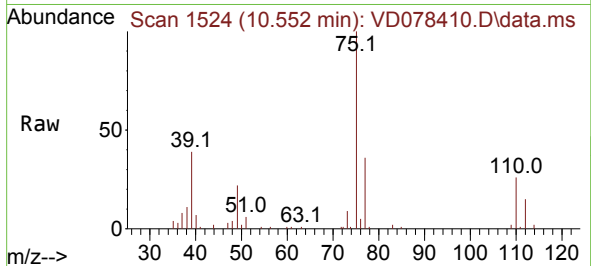




#53
 t-1,3-Dichloropropene
 Concen: 20.560 ug/l
 RT: 10.552 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD078410.D
 Acq: 14 Feb 2024 12:32

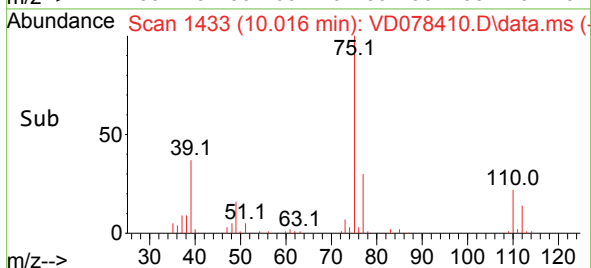
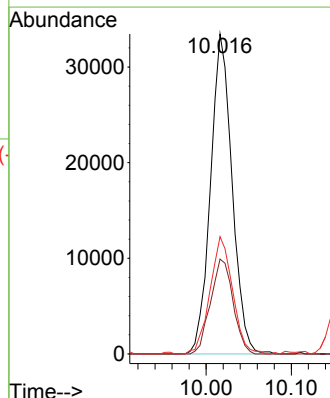
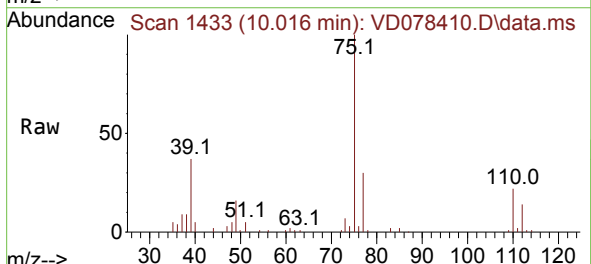
Instrument :
 MSVOA_D
 ClientSampleId :

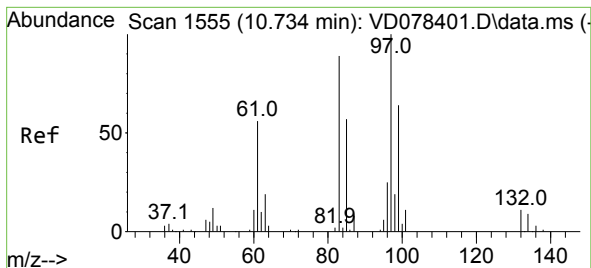
Tgt Ion: 75 Resp: 48053
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.794 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078410.D
 Acq: 14 Feb 2024 12:32

Tgt Ion: 75 Resp: 58932
 Ion Ratio Lower Upper
 75 100
 77 29.6 25.5 38.3
 39 36.6 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 21.407 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 29813

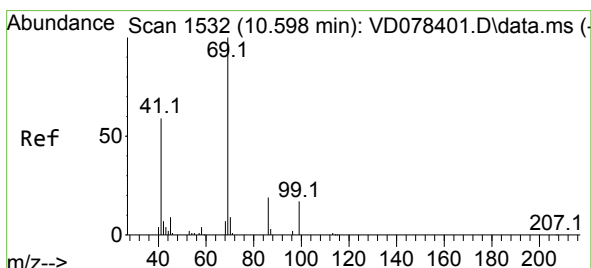
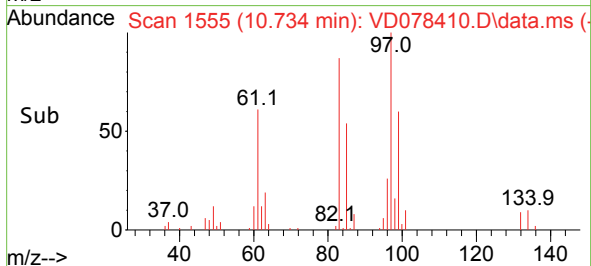
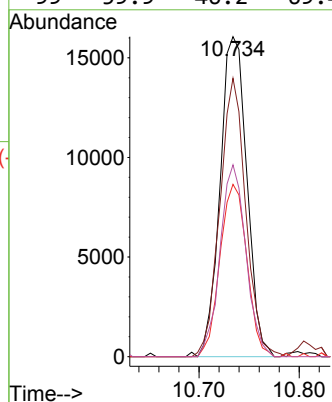
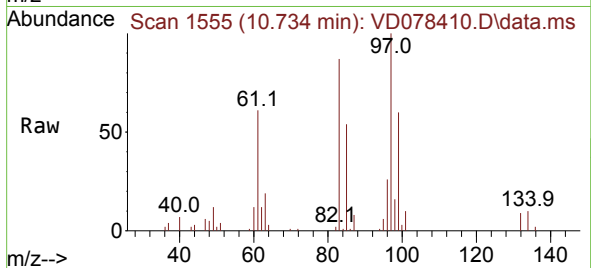
Ion Ratio Lower Upper

97 100

83 87.0 65.8 98.6

85 53.9 45.7 68.5

99 59.9 46.2 69.4



#56

Ethyl methacrylate

Concen: 22.936 ug/l

RT: 10.593 min Scan# 1531

Delta R.T. -0.006 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

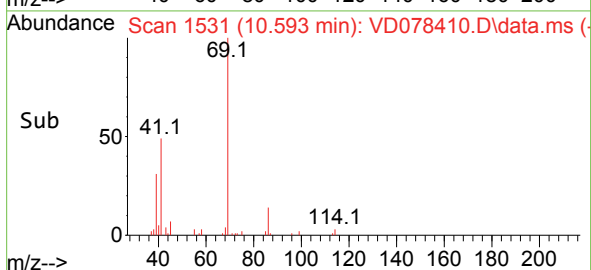
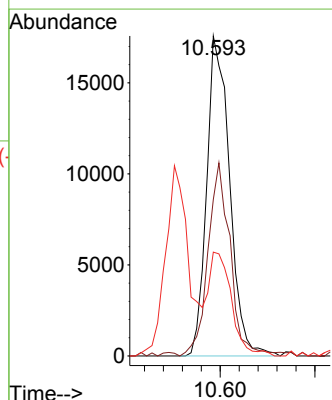
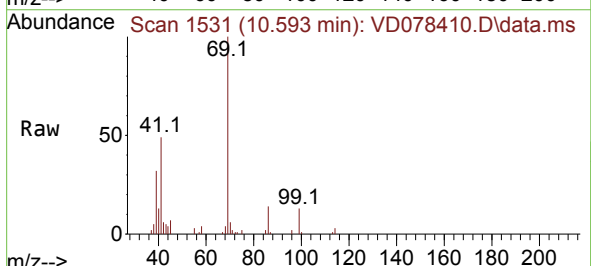
Tgt Ion: 69 Resp: 29542

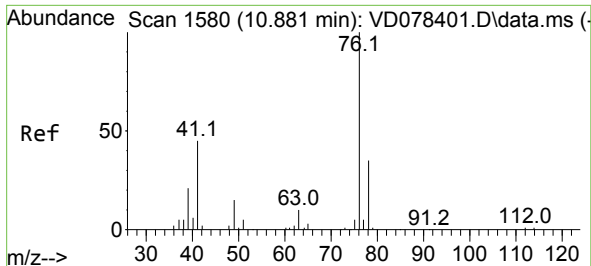
Ion Ratio Lower Upper

69 100

41 58.5 39.1 58.7

39 32.6 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 20.157 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

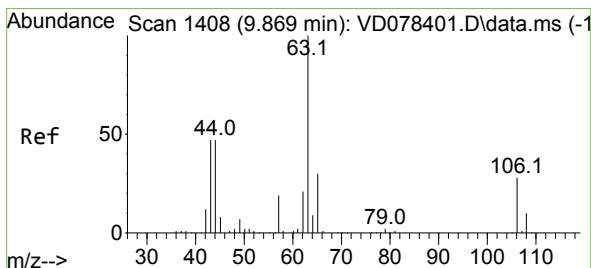
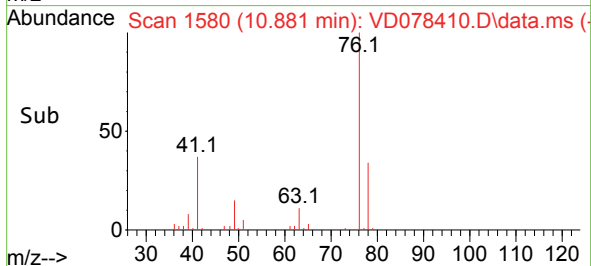
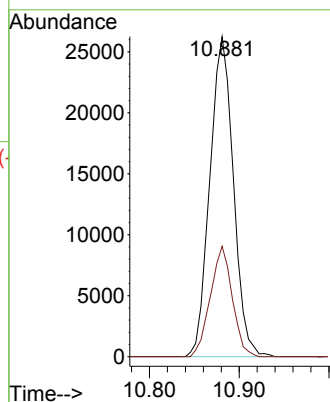
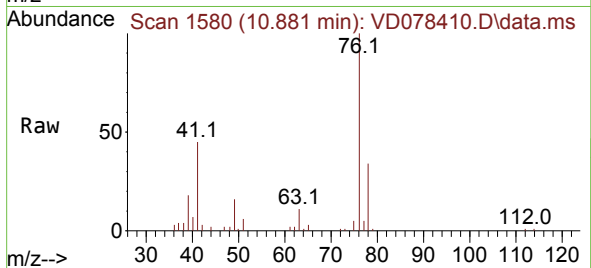
ClientSampleId :

Tgt Ion: 76 Resp: 47754

Ion Ratio Lower Upper

76 100

78 32.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 97.052 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078410.D

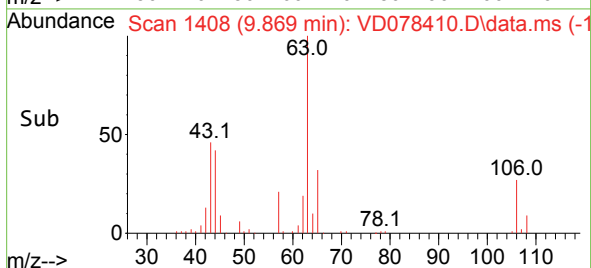
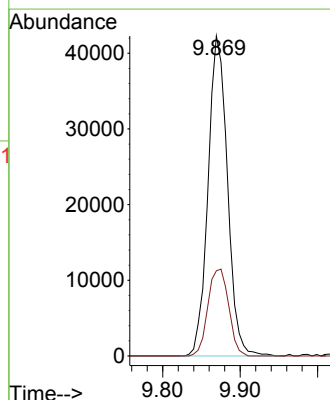
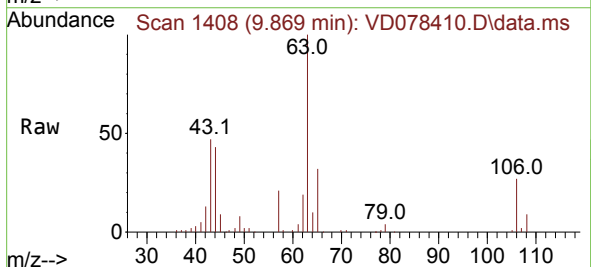
Acq: 14 Feb 2024 12:32

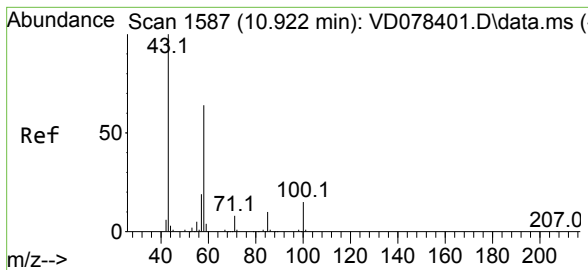
Tgt Ion: 63 Resp: 73634

Ion Ratio Lower Upper

63 100

106 28.9 25.3 37.9

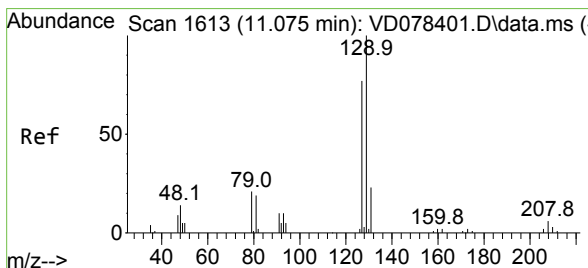
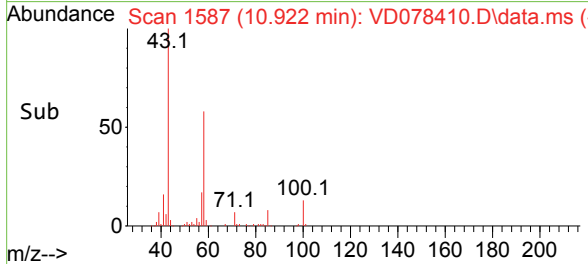
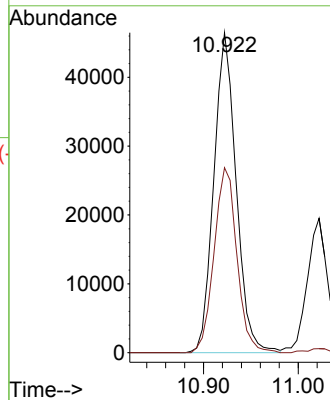
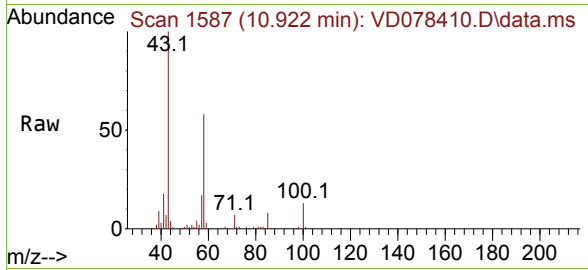




#59
2-Hexanone
Concen: 113.293 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

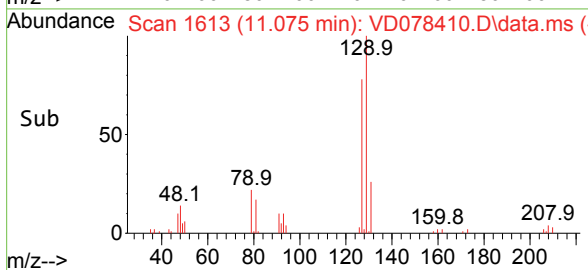
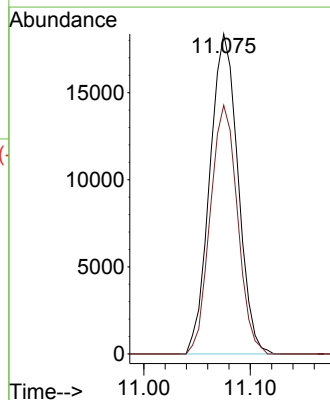
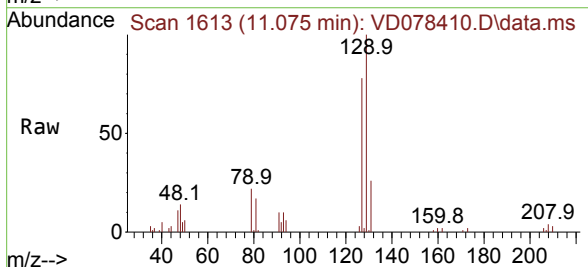
Instrument :
MSVOA_D
ClientSampleId :

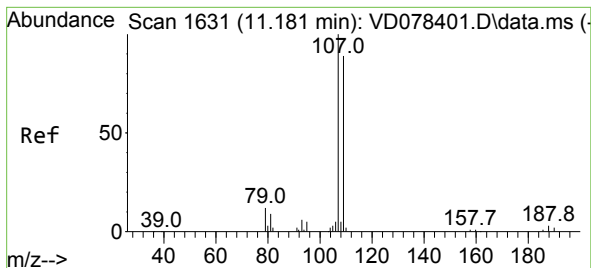
Tgt Ion: 43 Resp: 76047
Ion Ratio Lower Upper
43 100
58 59.2 34.1 102.2



#60
Dibromochloromethane
Concen: 20.119 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion:129 Resp: 33712
Ion Ratio Lower Upper
129 100
127 75.1 37.1 111.5





#61

1,2-Dibromoethane

Concen: 20.441 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

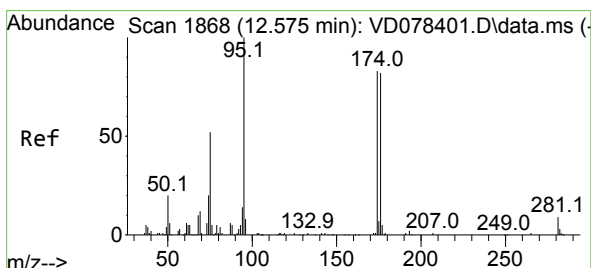
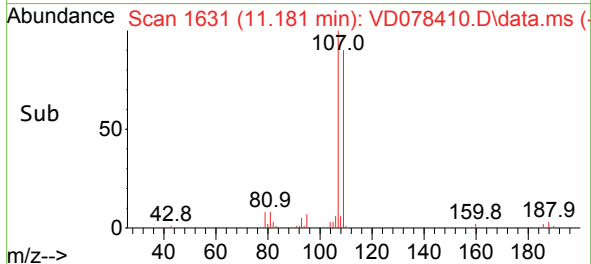
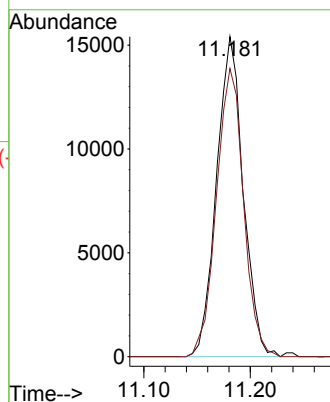
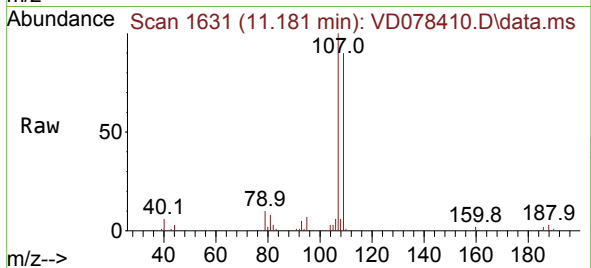
ClientSampleId :

Tgt Ion:107 Resp: 26726

Ion Ratio Lower Upper

107 100

109 91.8 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 47.168 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

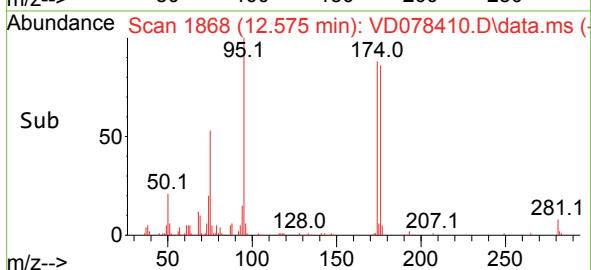
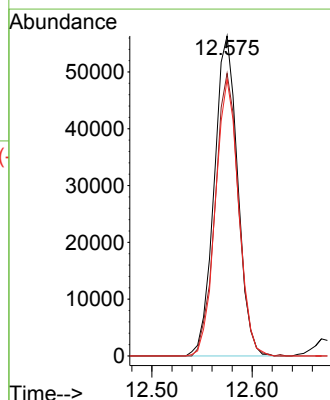
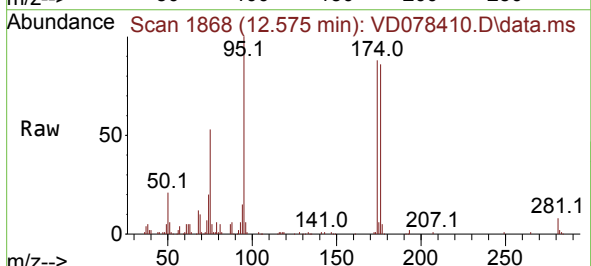
Tgt Ion: 95 Resp: 91635

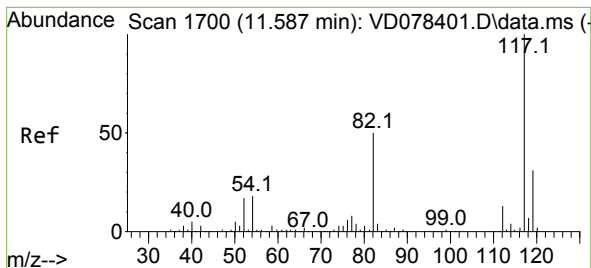
Ion Ratio Lower Upper

95 100

174 87.4 0.0 201.8

176 85.2 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: VD078410.D

Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

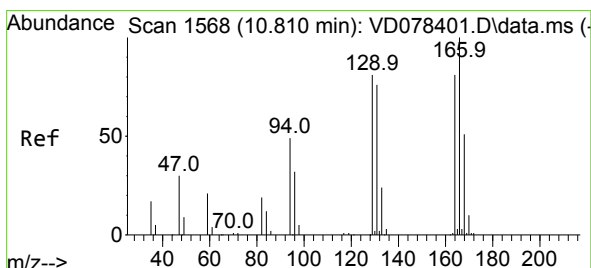
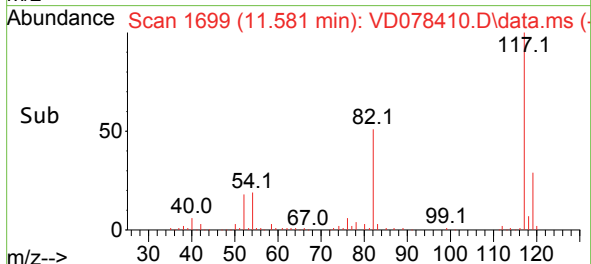
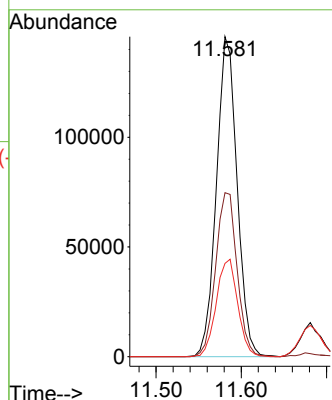
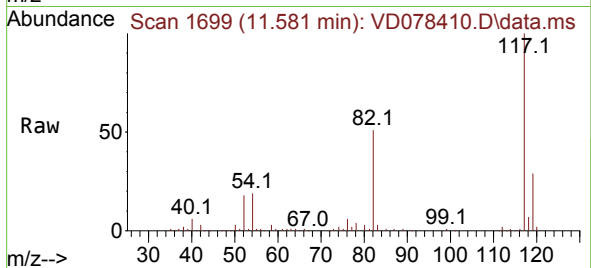
Tgt Ion:117 Resp: 245557

Ion Ratio Lower Upper

117 100

82 51.2 38.3 57.5

119 29.2 25.0 37.4



#64

Tetrachloroethene

Concen: 20.036 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Tgt Ion:164 Resp: 31076

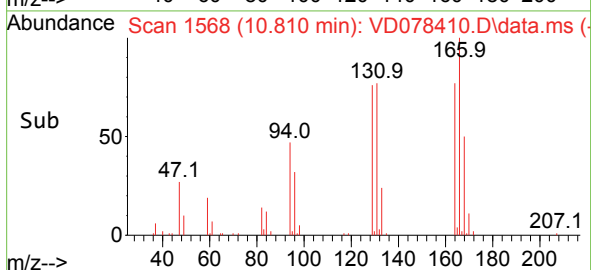
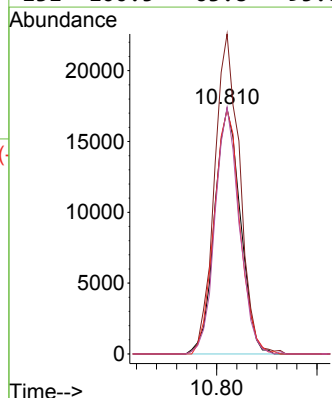
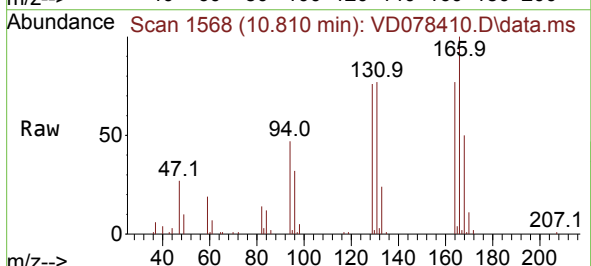
Ion Ratio Lower Upper

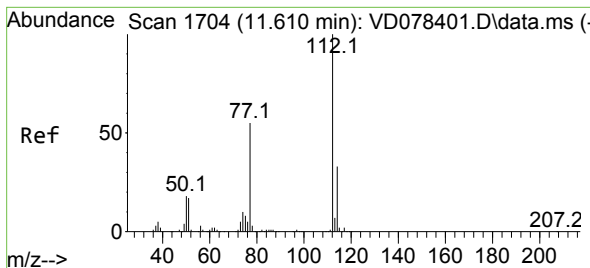
164 100

166 130.4 99.2 148.8

129 99.4 68.4 102.6

131 100.5 63.8 95.8#

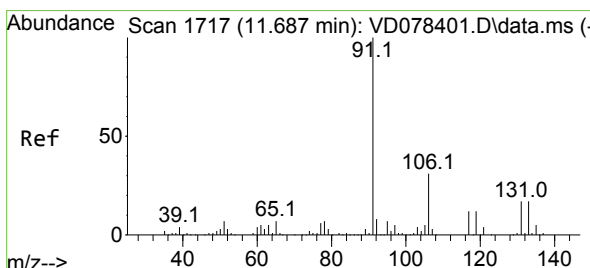
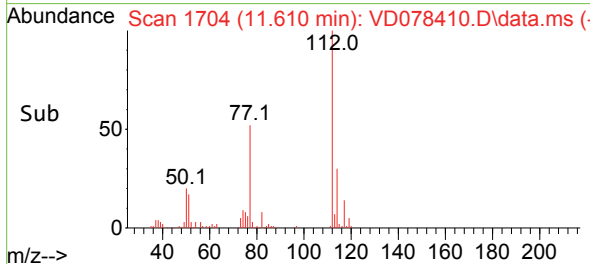
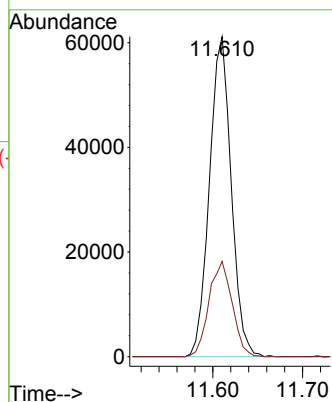
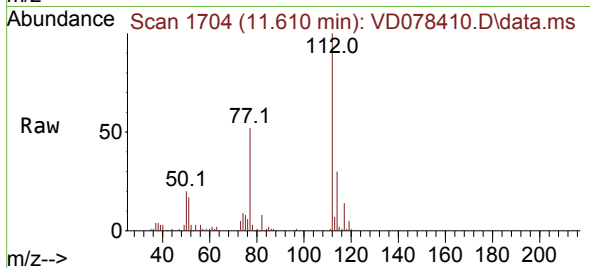




#65
Chlorobenzene
Concen: 20.870 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

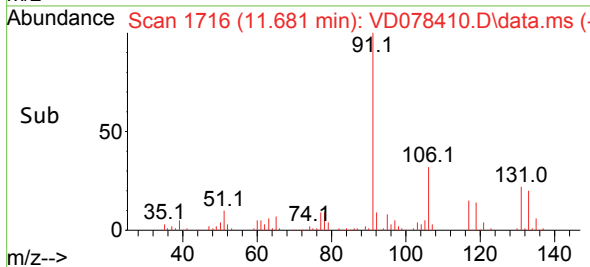
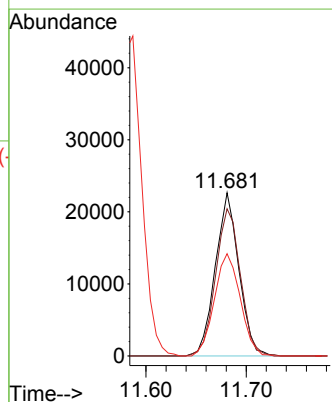
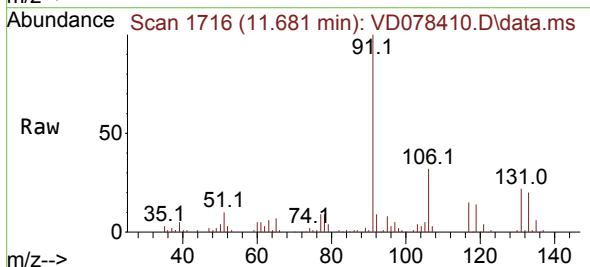
Instrument :
MSVOA_D
ClientSampleId :

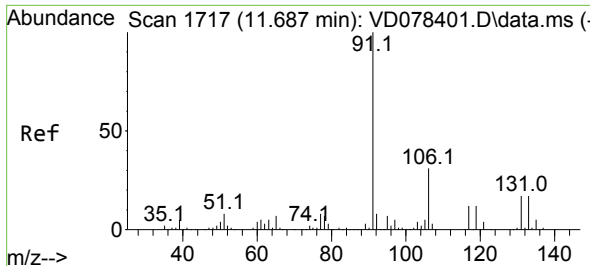
Tgt Ion:112 Resp: 103030
Ion Ratio Lower Upper
112 100
114 29.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.304 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion:131 Resp: 36836
Ion Ratio Lower Upper
131 100
133 95.2 48.5 145.5
119 69.1 35.6 106.9

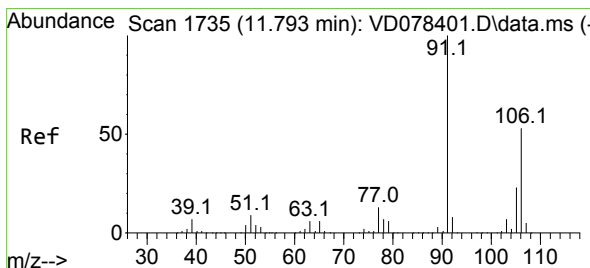
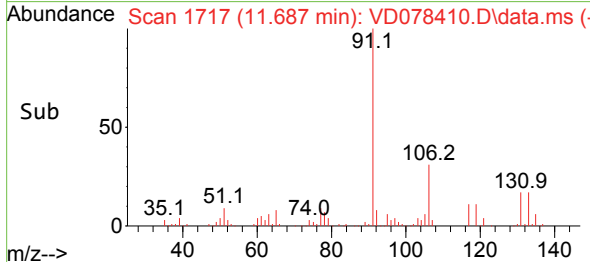
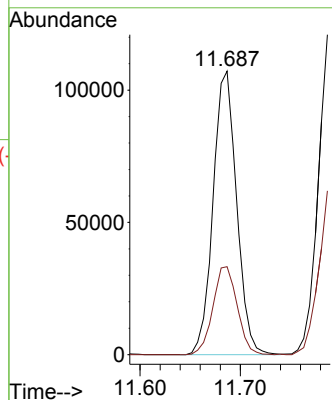
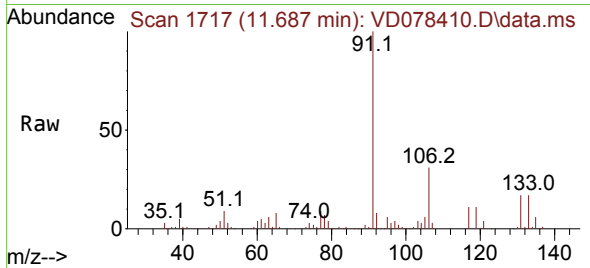




#67
Ethyl Benzene
Concen: 19.746 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

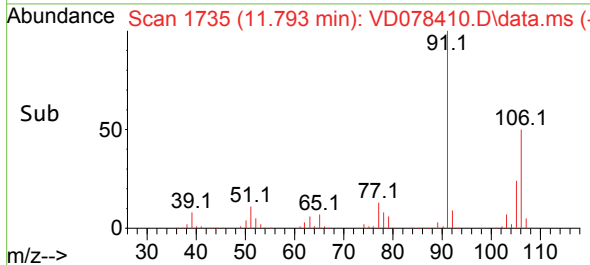
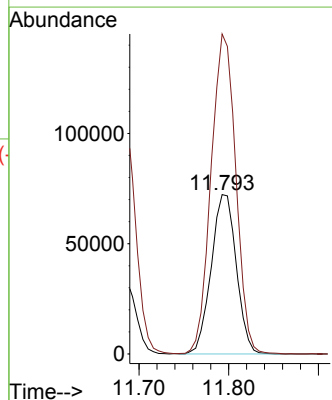
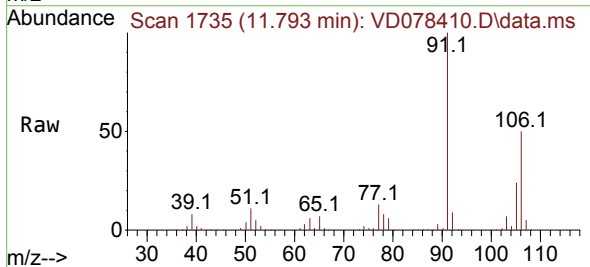
Instrument :
MSVOA_D
ClientSampleId :

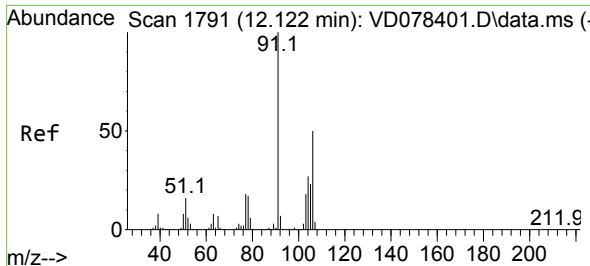
Tgt Ion: 91 Resp: 174662
Ion Ratio Lower Upper
91 100
106 31.1 26.5 39.7



#68
m/p-Xylenes
Concen: 40.727 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion:106 Resp: 140517
Ion Ratio Lower Upper
106 100
91 198.1 147.0 220.6

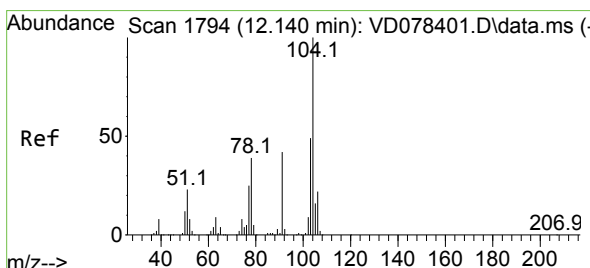
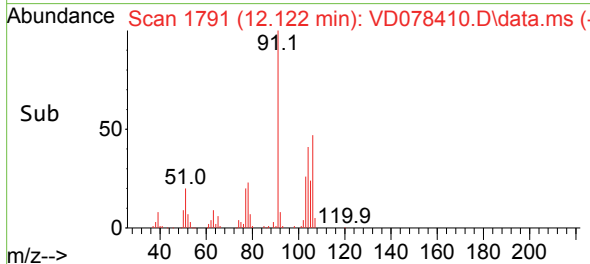
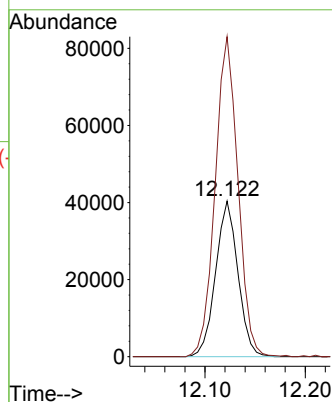
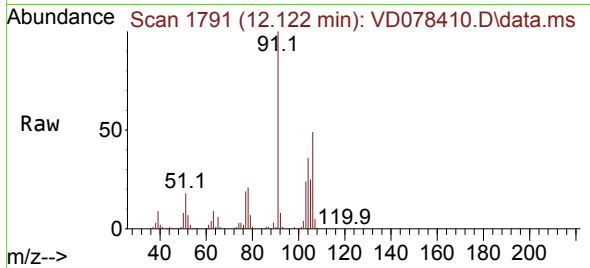




#69
o-Xylene
Concen: 19.803 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

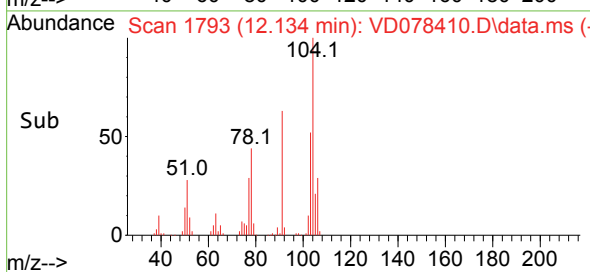
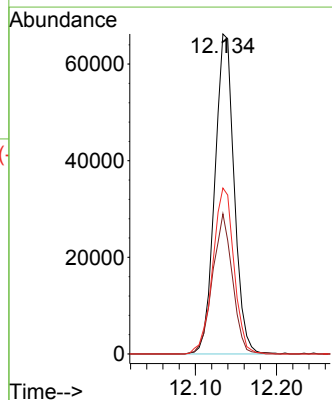
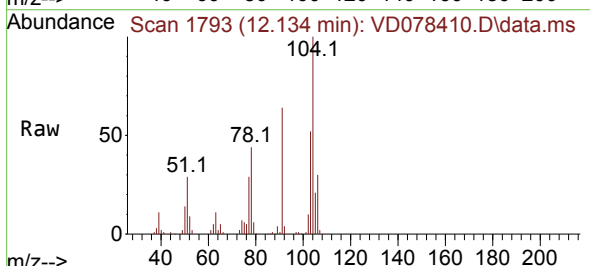
Instrument :
MSVOA_D
ClientSampleId :

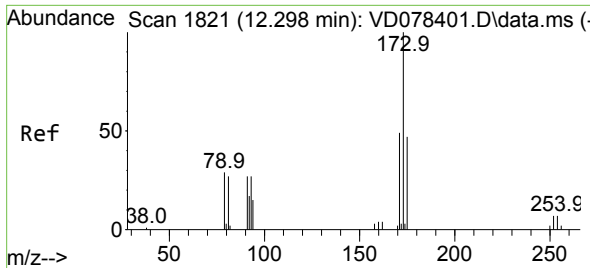
Tgt Ion:106 Resp: 62352
Ion Ratio Lower Upper
106 100
91 210.5 97.9 293.6



#70
Styrene
Concen: 21.402 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion:104 Resp: 109977
Ion Ratio Lower Upper
104 100
78 44.8 33.2 49.8
103 56.6 43.6 65.4

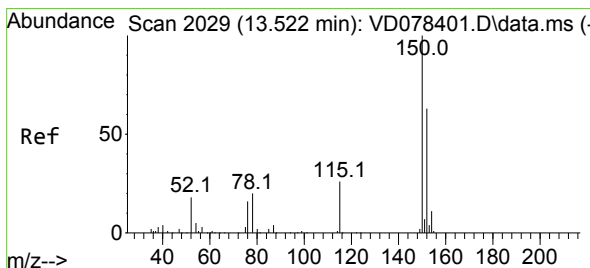
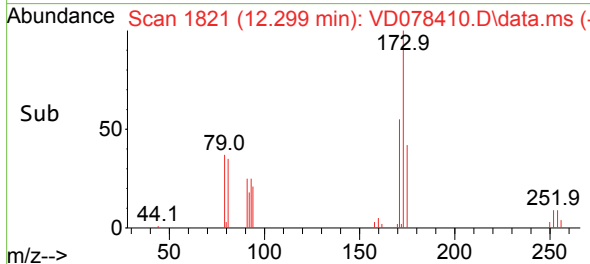
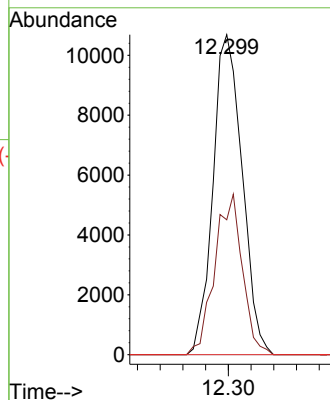
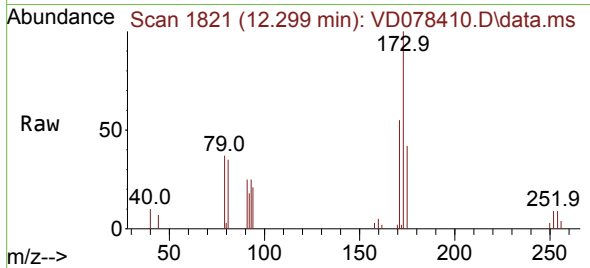




#71
Bromoform
Concen: 20.000 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

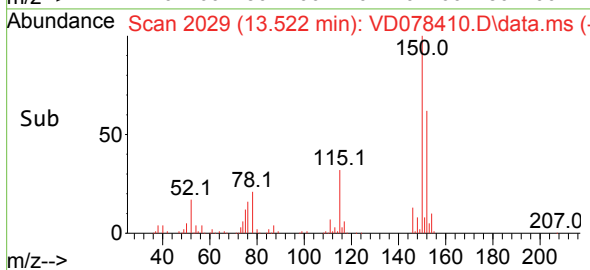
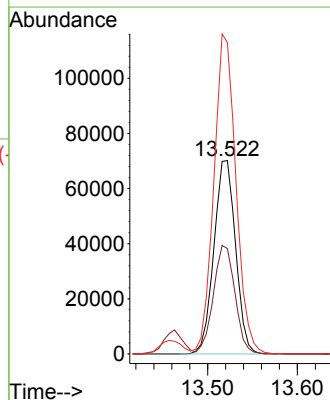
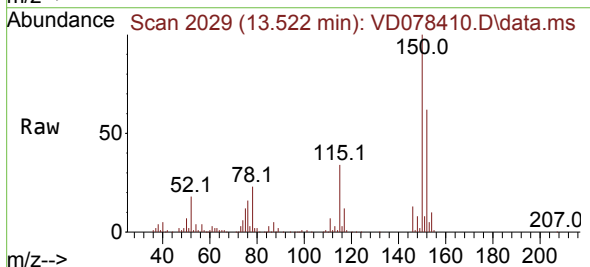
Instrument :
MSVOA_D
ClientSampleId :

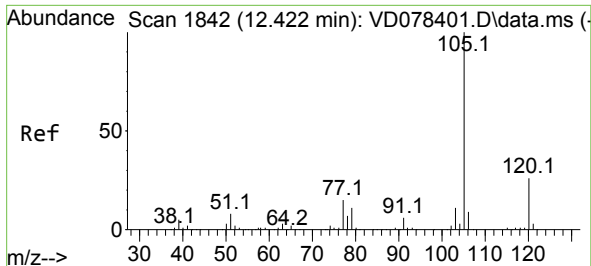
Tgt Ion:173 Resp: 19098
Ion Ratio Lower Upper
173 100
175 47.3 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion:152 Resp: 117924
Ion Ratio Lower Upper
152 100
115 55.7 27.1 81.3
150 168.2 0.0 353.6

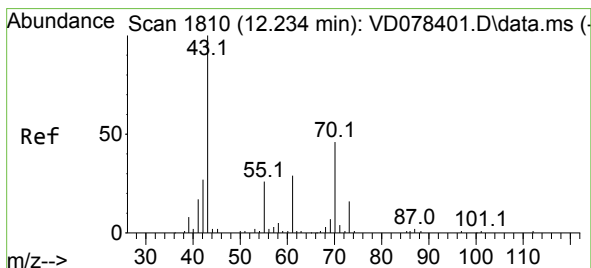
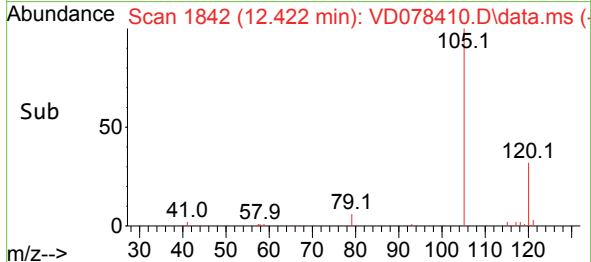
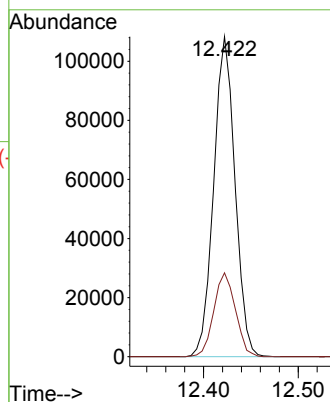
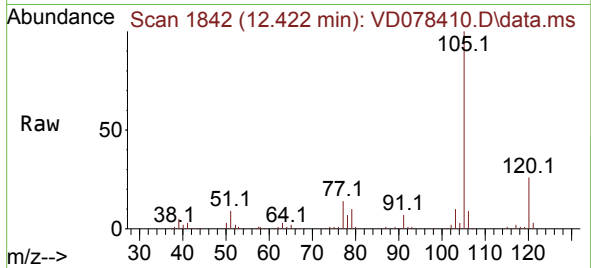




#73
Isopropylbenzene
Concen: 21.339 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

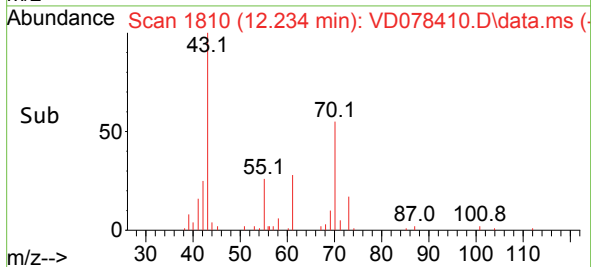
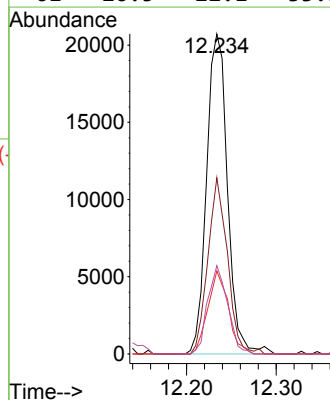
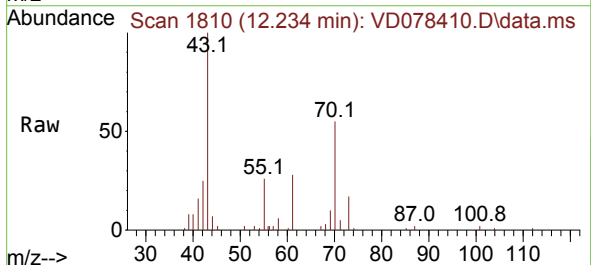
Instrument :
MSVOA_D
ClientSampleId :

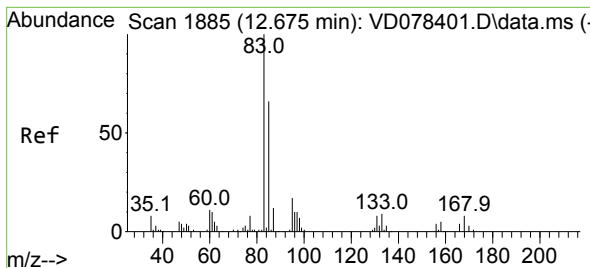
Tgt Ion:105 Resp: 168973
Ion Ratio Lower Upper
105 100
120 26.6 14.3 42.9



#74
N-ethyl acetate
Concen: 22.332 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion: 43 Resp: 33454
Ion Ratio Lower Upper
43 100
70 51.8 45.0 67.4
55 25.6 23.8 35.6
61 26.5 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.976 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

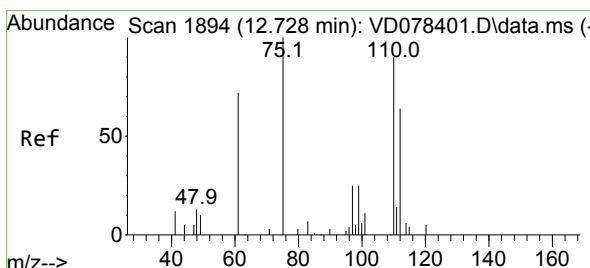
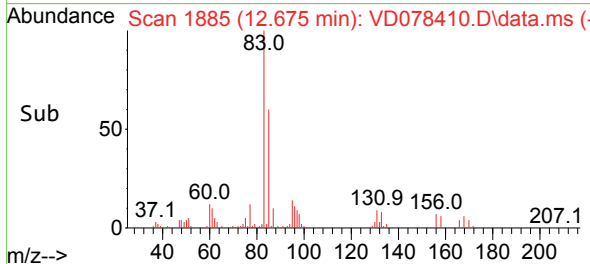
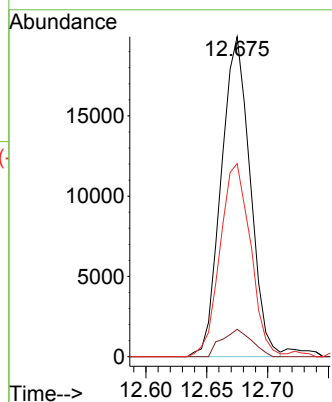
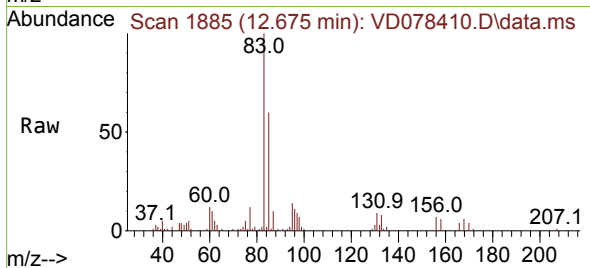
Tgt Ion: 83 Resp: 32948

Ion Ratio Lower Upper

83 100

131 8.9 5.1 15.3

85 63.9 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 38.732 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD078410.D

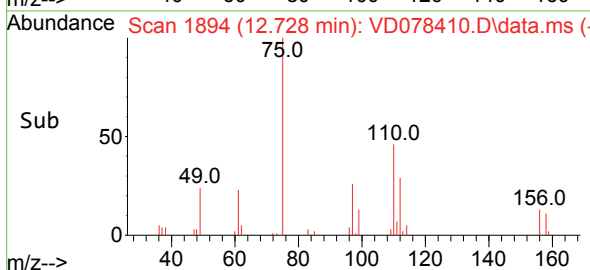
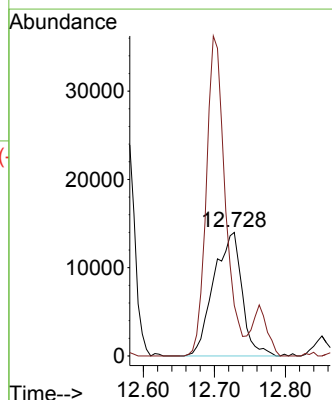
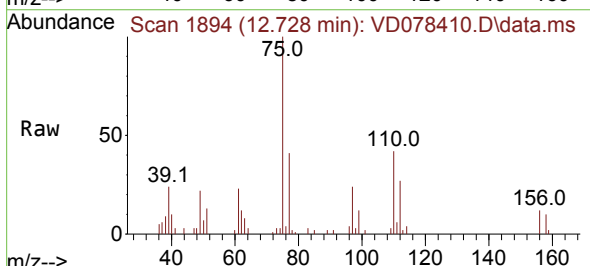
Acq: 14 Feb 2024 12:32

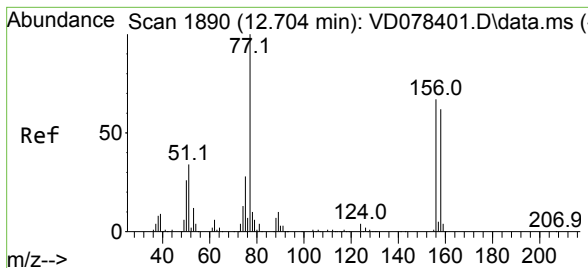
Tgt Ion: 75 Resp: 38776

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.880 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

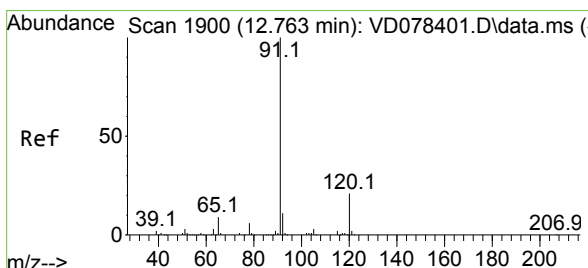
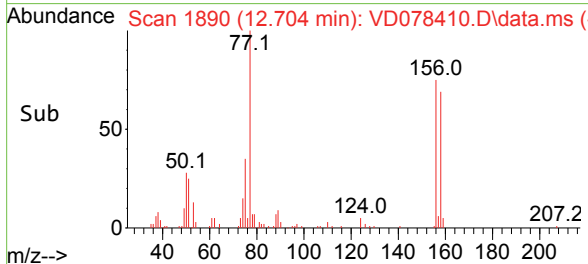
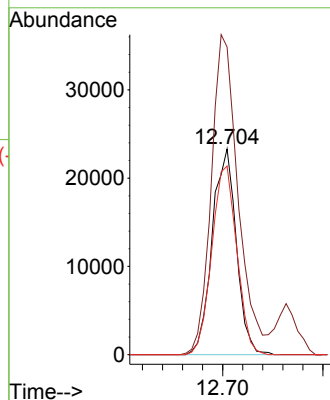
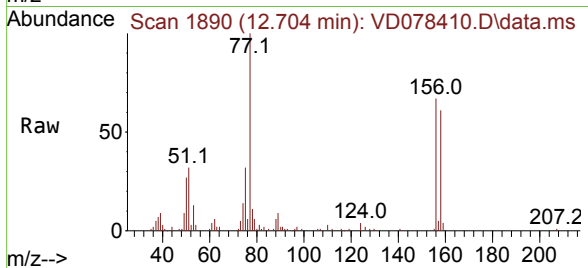
Tgt Ion:156 Resp: 38857

Ion Ratio Lower Upper

156 100

77 172.0 76.8 230.4

158 95.3 48.6 145.9



#78

n-propylbenzene

Concen: 21.439 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD078410.D

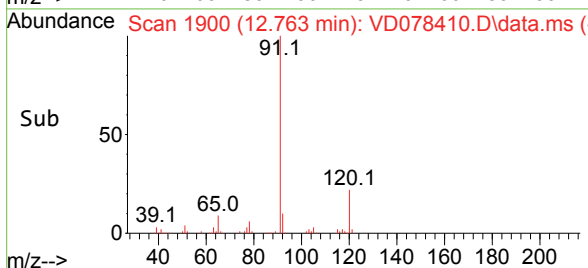
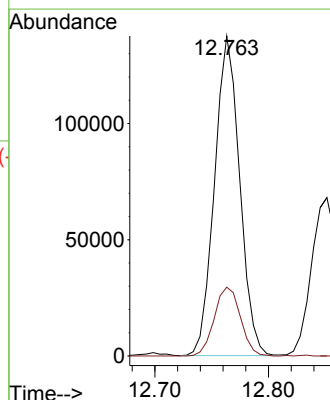
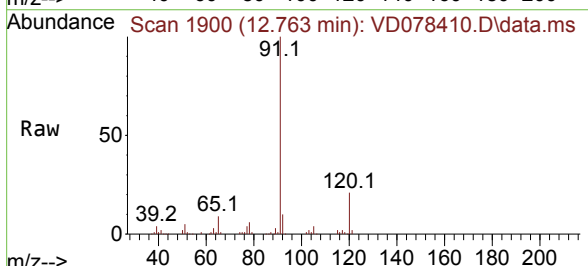
Acq: 14 Feb 2024 12:32

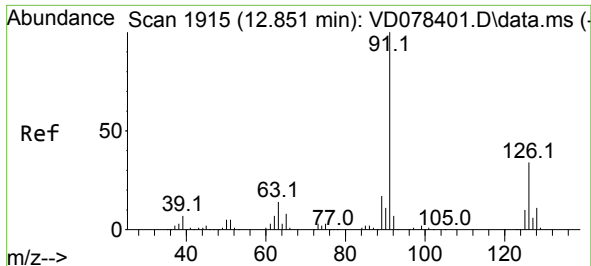
Tgt Ion: 91 Resp: 211561

Ion Ratio Lower Upper

91 100

120 22.3 12.4 37.2

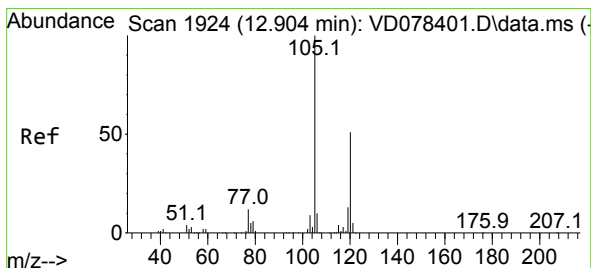
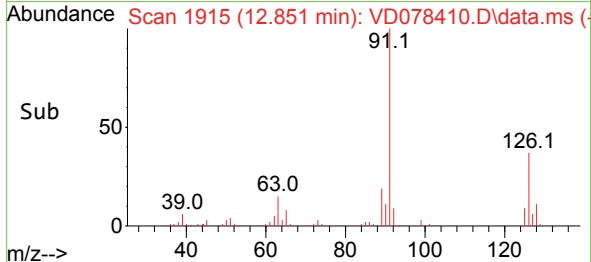
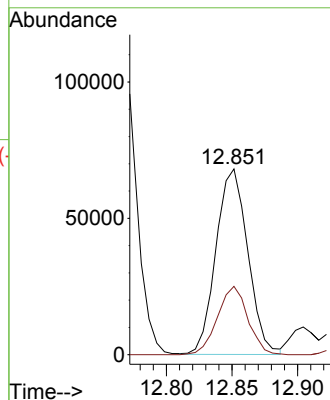
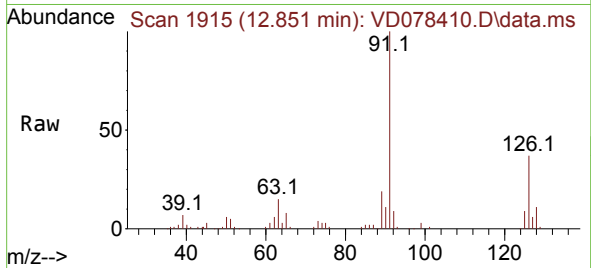




#79
2-Chlorotoluene
Concen: 21.781 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

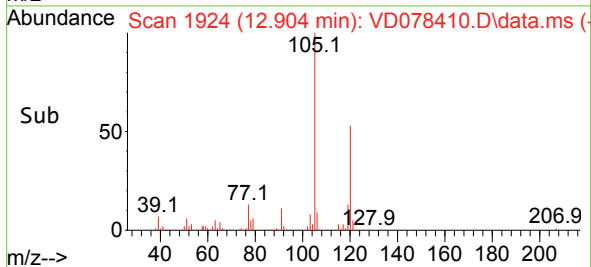
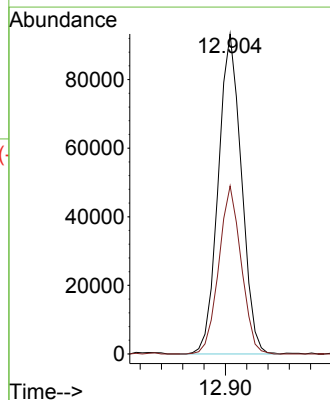
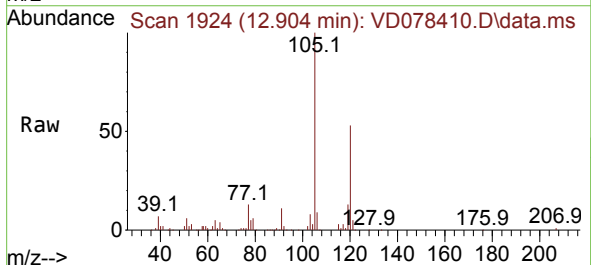
Instrument :
MSVOA_D
ClientSampleId :

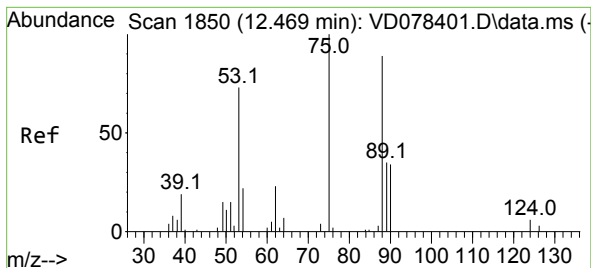
Tgt Ion: 91 Resp: 115120
Ion Ratio Lower Upper
91 100
126 35.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 21.383 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion: 105 Resp: 140598
Ion Ratio Lower Upper
105 100
120 50.7 26.4 79.2

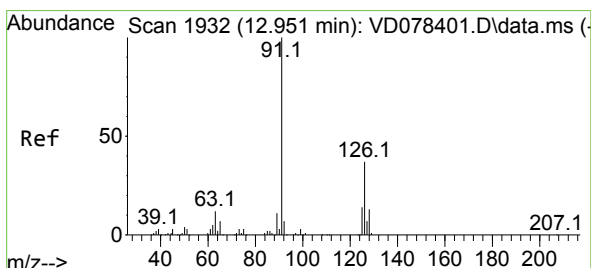
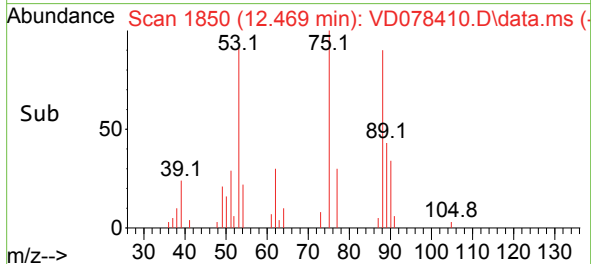
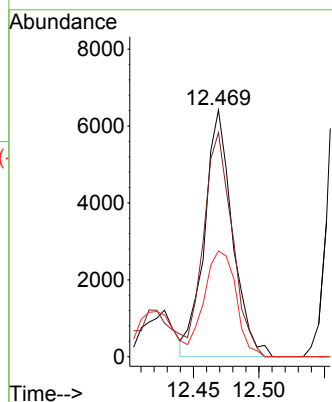
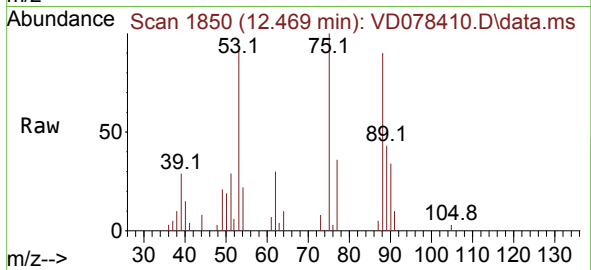




#81
trans-1,4-Dichloro-2-butene
Concen: 19.812 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

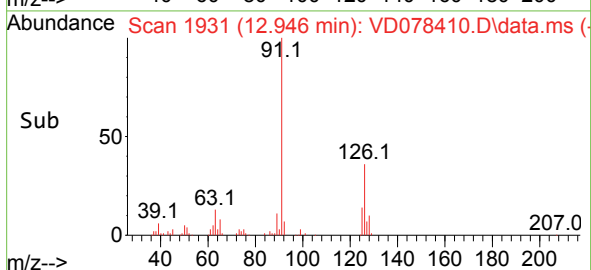
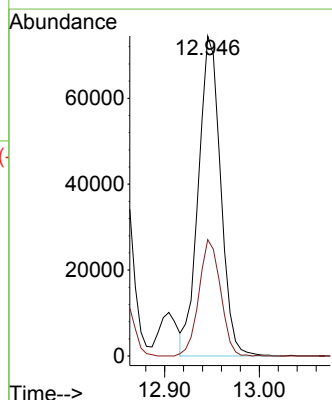
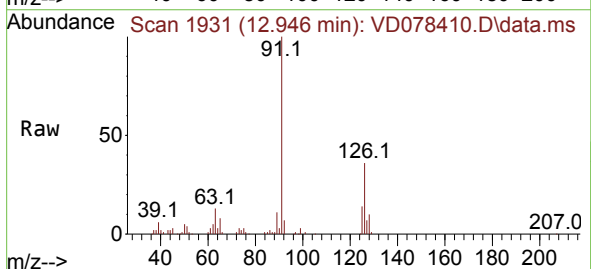
Instrument :
MSVOA_D
ClientSampleId :

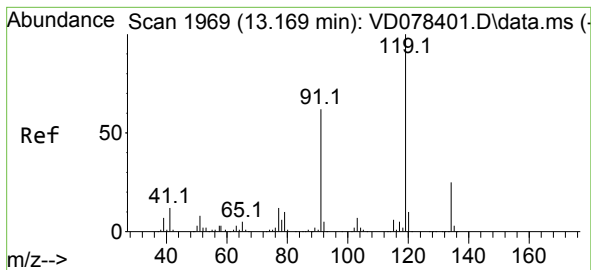
Tgt Ion: 75 Resp: 9554
Ion Ratio Lower Upper
75 100
53 92.0 63.0 94.4
89 48.1 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.353 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion: 91 Resp: 121207
Ion Ratio Lower Upper
91 100
126 35.4 19.4 58.4





#83

tert-Butylbenzene

Concen: 21.480 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

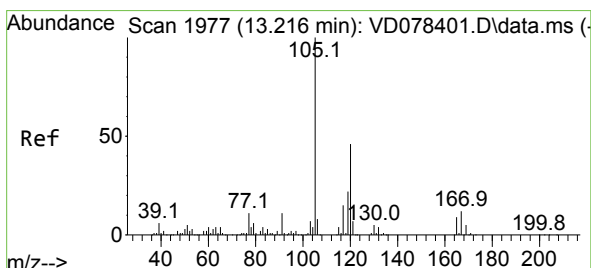
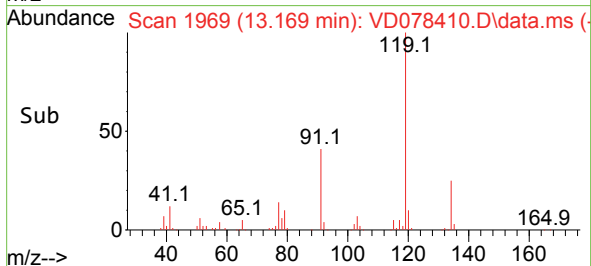
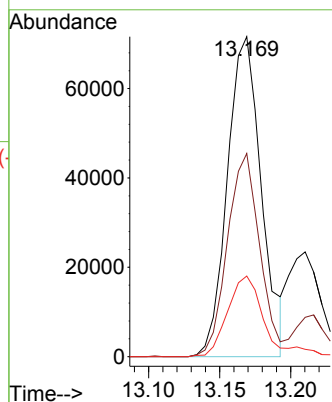
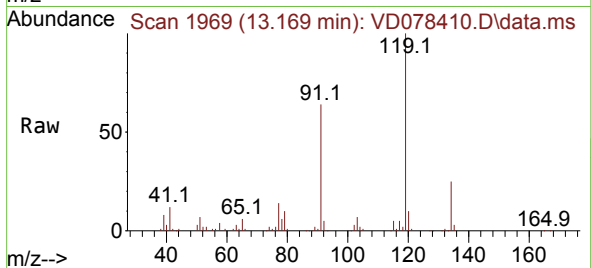
Tgt Ion:119 Resp: 119111

Ion Ratio Lower Upper

119 100

91 60.2 29.3 87.8

134 27.3 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 20.734 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD078410.D

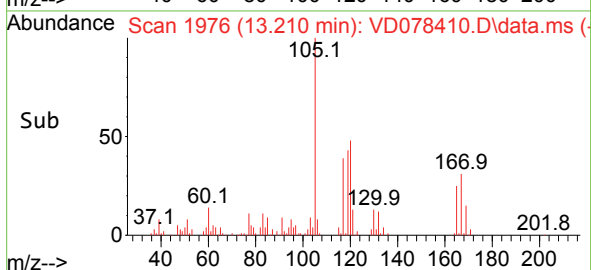
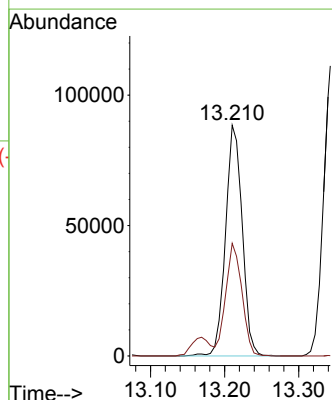
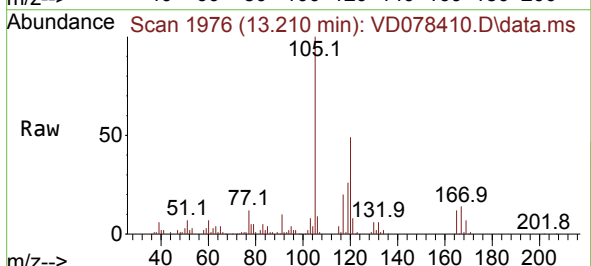
Acq: 14 Feb 2024 12:32

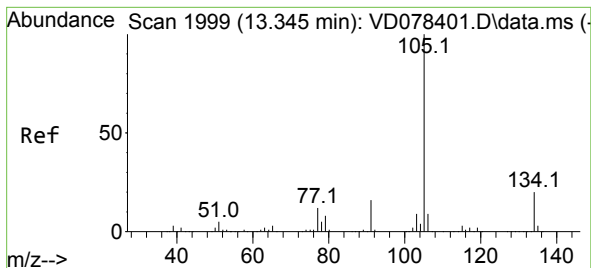
Tgt Ion:105 Resp: 138364

Ion Ratio Lower Upper

105 100

120 47.4 24.3 72.9





#85

sec-Butylbenzene

Concen: 22.184 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

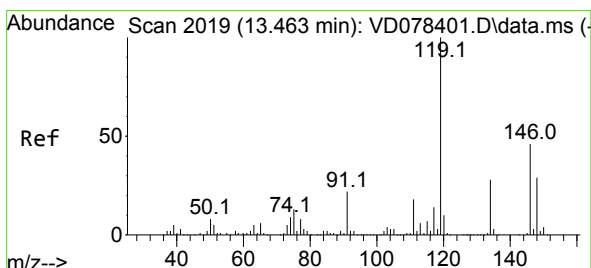
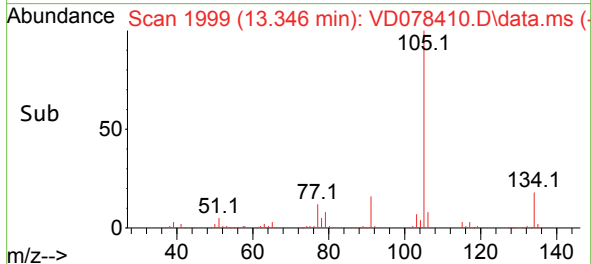
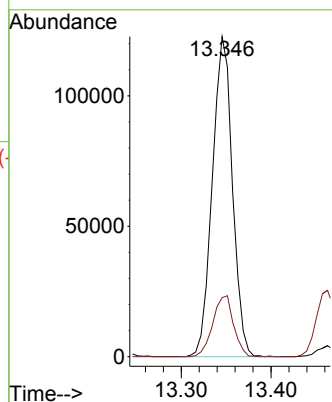
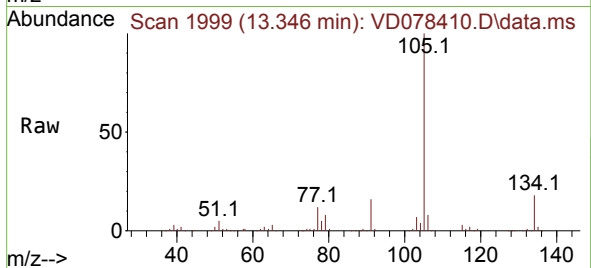
ClientSampleId :

Tgt Ion:105 Resp: 190779

Ion Ratio Lower Upper

105 100

134 19.6 10.9 32.9



#86

p-Isopropyltoluene

Concen: 21.154 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

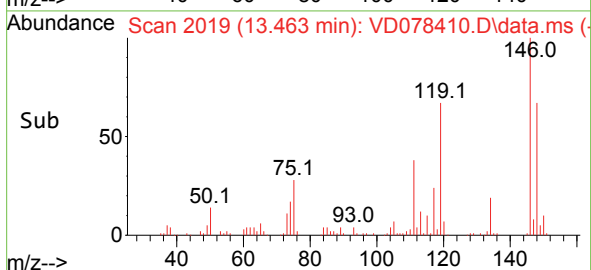
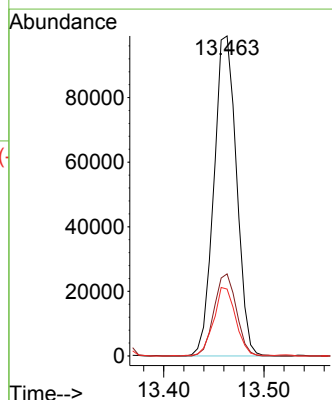
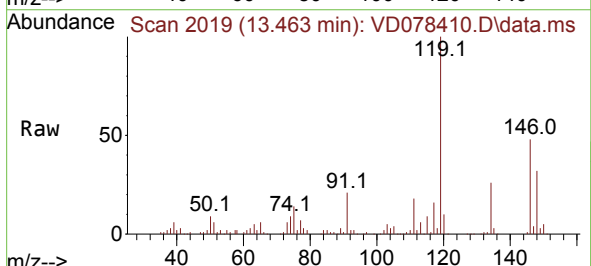
Tgt Ion:119 Resp: 154950

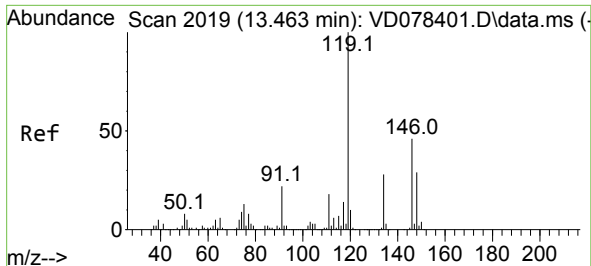
Ion Ratio Lower Upper

119 100

134 25.3 14.2 42.6

91 21.1 10.5 31.5

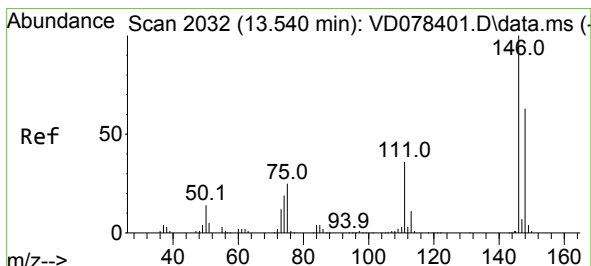
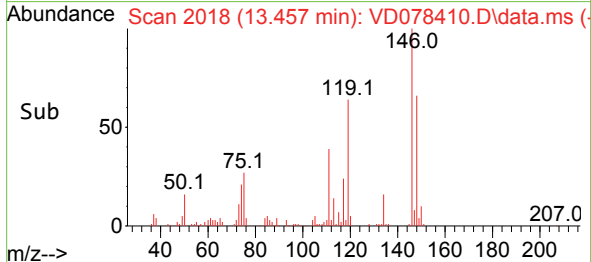
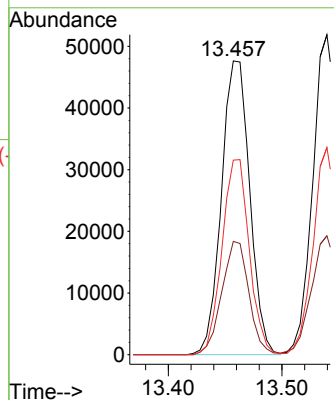
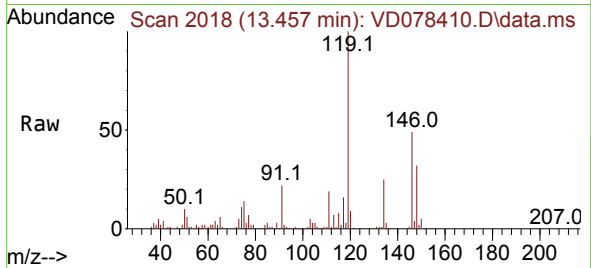




#87
1,3-Dichlorobenzene
Concen: 20.763 ug/l
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

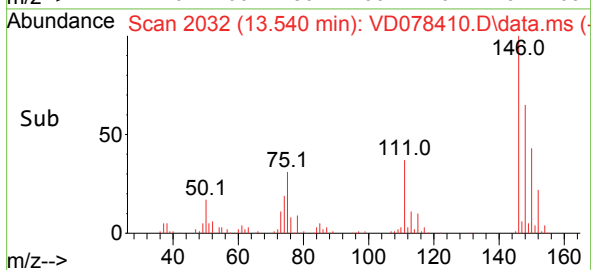
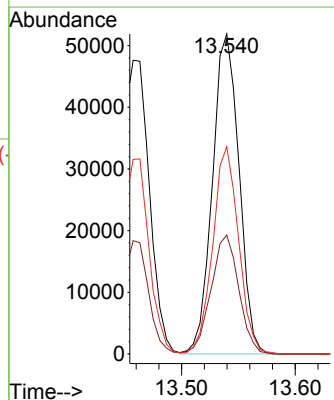
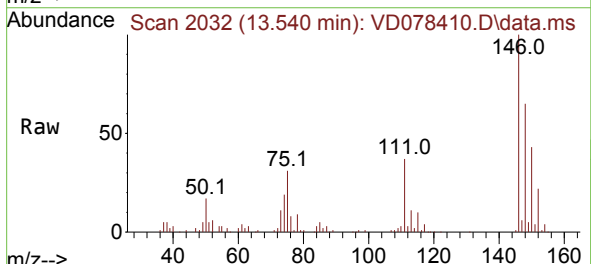
Instrument :
MSVOA_D
ClientSampleId :

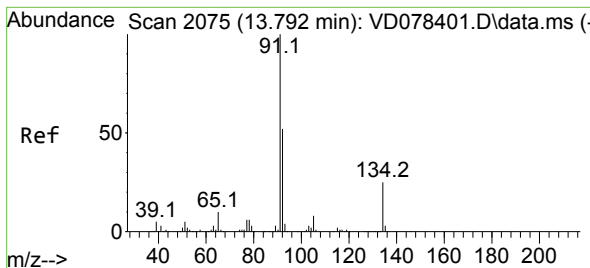
Tgt Ion:146 Resp: 82466
Ion Ratio Lower Upper
146 100
111 36.9 17.9 53.8
148 64.0 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 21.629 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

Tgt Ion:146 Resp: 84408
Ion Ratio Lower Upper
146 100
111 38.8 17.4 52.3
148 63.1 31.7 95.1





#89

n-Butylbenzene

Concen: 21.371 ug/l

RT: 13.787 min Scan# 2075

Delta R.T. -0.006 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

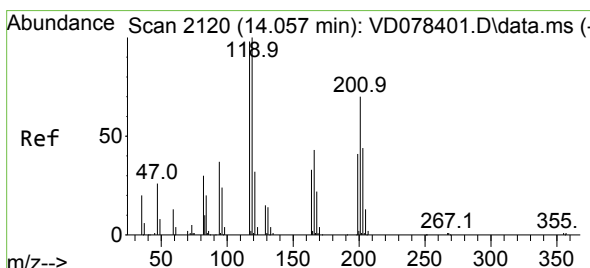
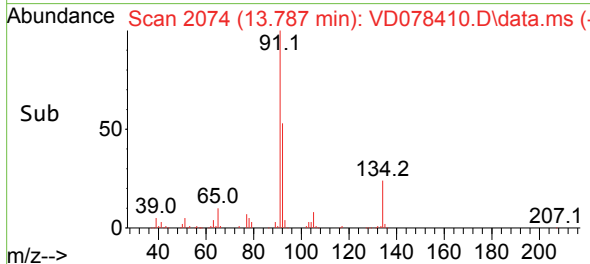
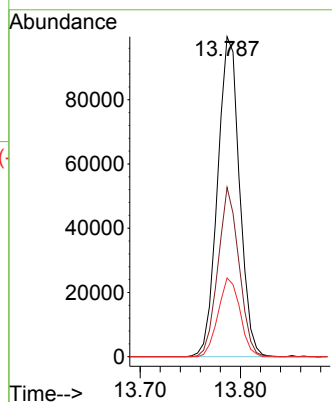
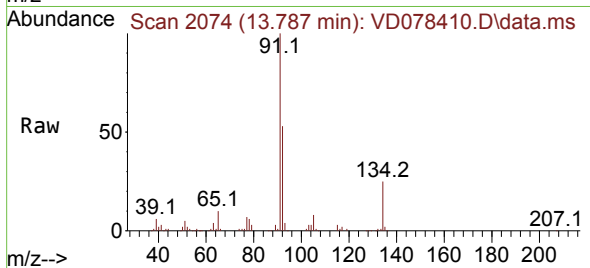
Tgt Ion: 91 Resp: 150880

Ion Ratio Lower Upper

91 100

92 50.7 26.5 79.5

134 24.5 13.8 41.3



#90

Hexachloroethane

Concen: 20.587 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078410.D

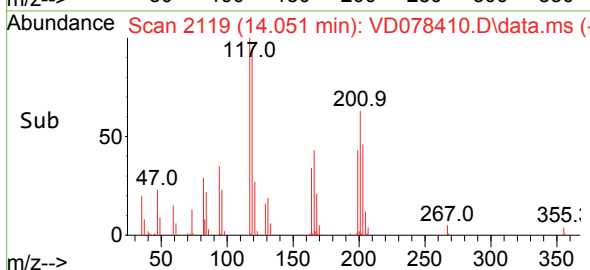
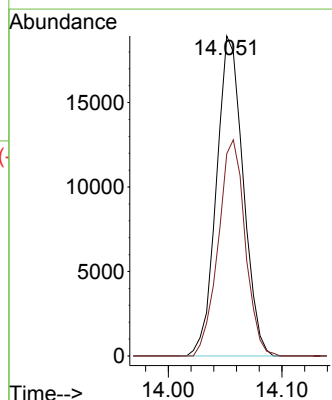
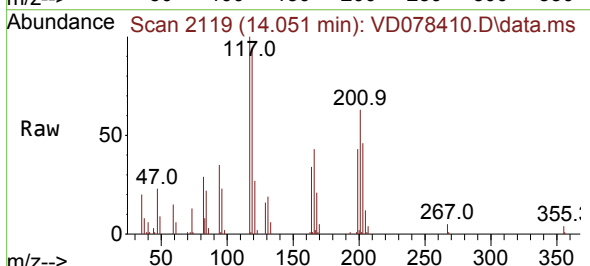
Acq: 14 Feb 2024 12:32

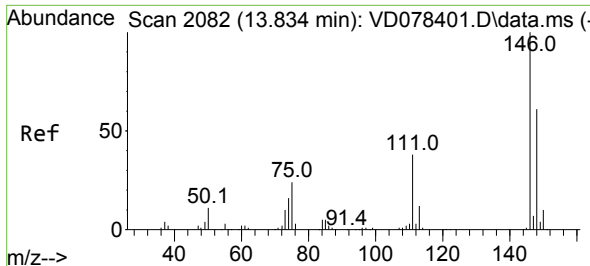
Tgt Ion: 117 Resp: 30994

Ion Ratio Lower Upper

117 100

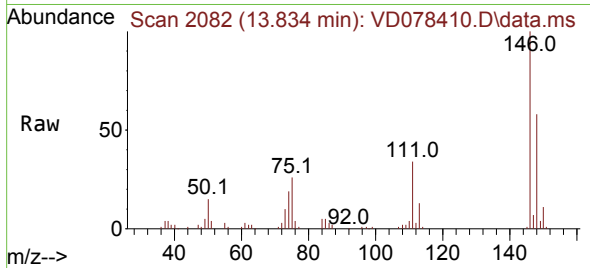
201 67.9 38.5 115.5



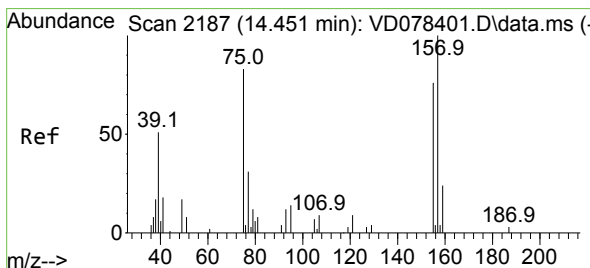
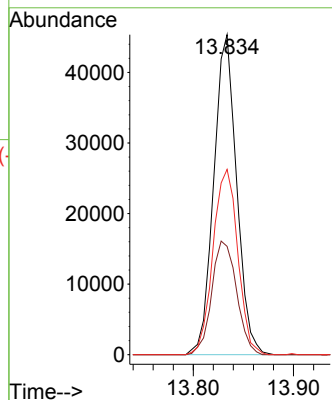
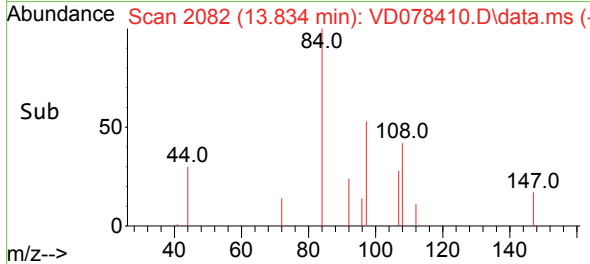


#91
1,2-Dichlorobenzene
Concen: 21.559 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32

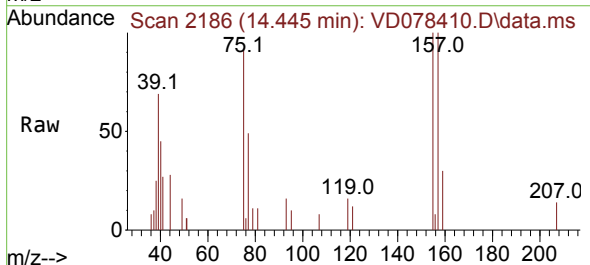
Instrument :
MSVOA_D
ClientSampleId :



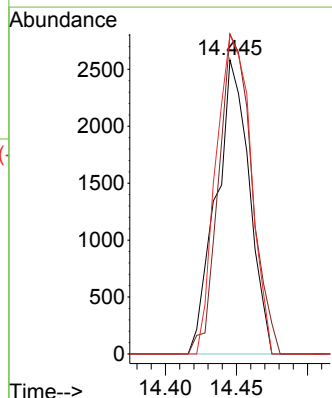
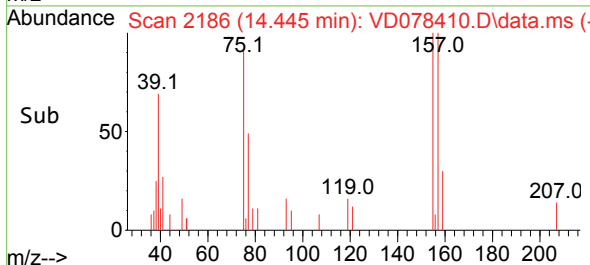
Tgt Ion:146 Resp: 71904
Ion Ratio Lower Upper
146 100
111 38.6 18.3 54.8
148 62.7 31.6 94.7

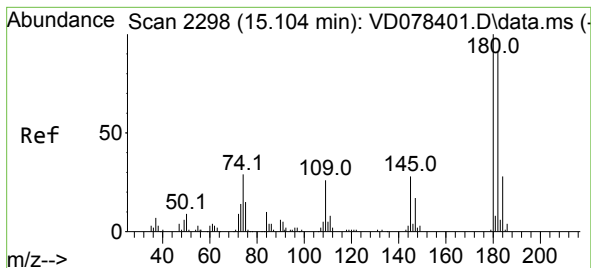


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.304 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078410.D
Acq: 14 Feb 2024 12:32



Tgt Ion: 75 Resp: 4176
Ion Ratio Lower Upper
75 100
155 108.6 47.9 143.8
157 114.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.908 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

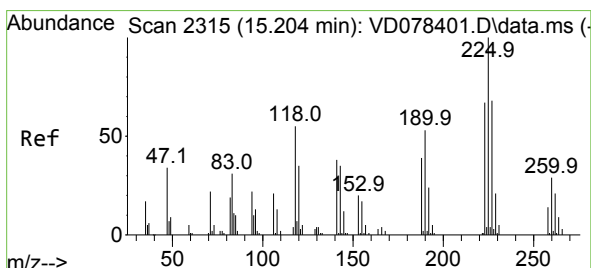
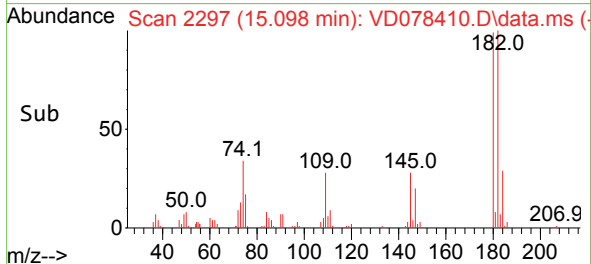
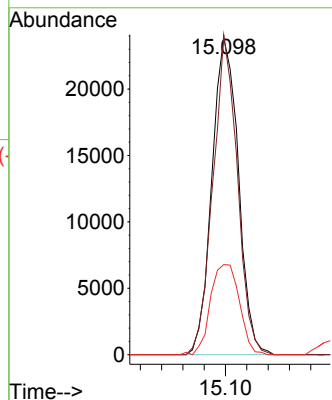
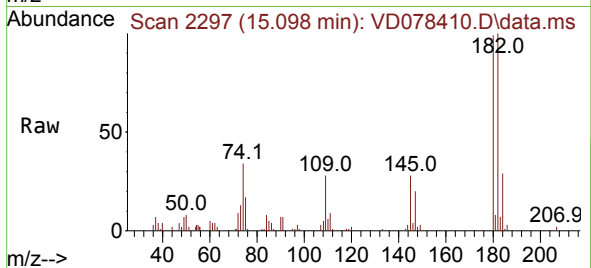
Tgt Ion:180 Resp: 40984

Ion Ratio Lower Upper

180 100

182 93.1 48.5 145.6

145 31.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.695 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

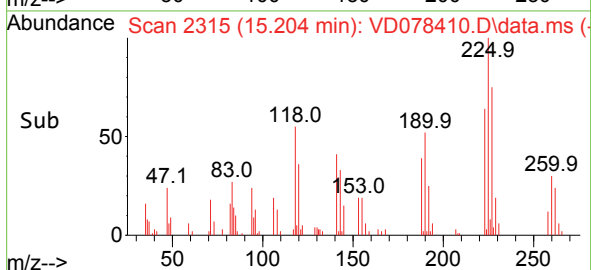
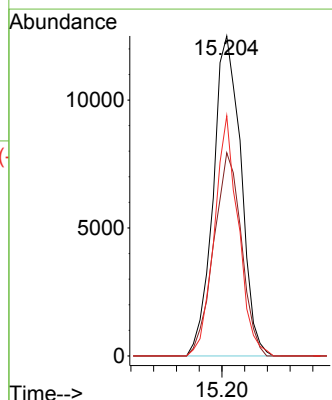
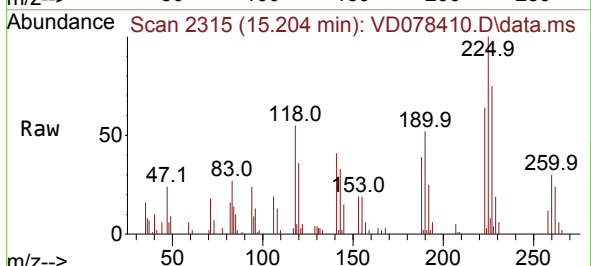
Tgt Ion:225 Resp: 21174

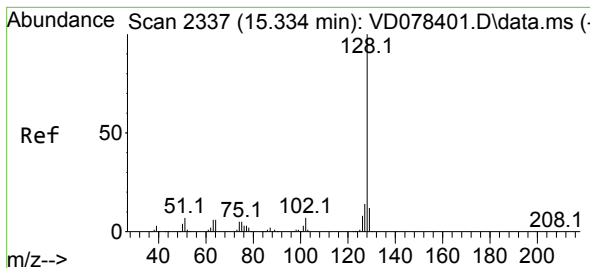
Ion Ratio Lower Upper

225 100

223 63.5 31.6 94.8

227 65.1 31.7 95.1





#95

Naphthalene

Concen: 20.220 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD078410.D

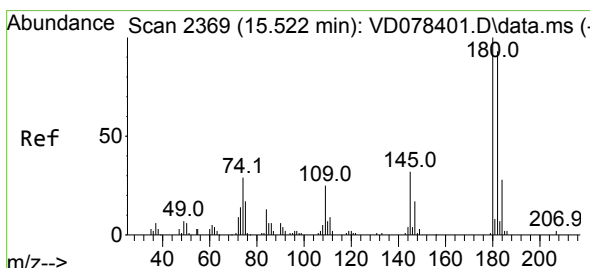
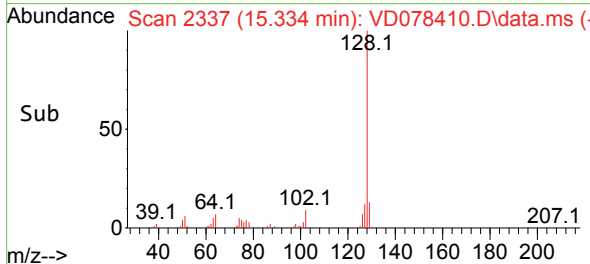
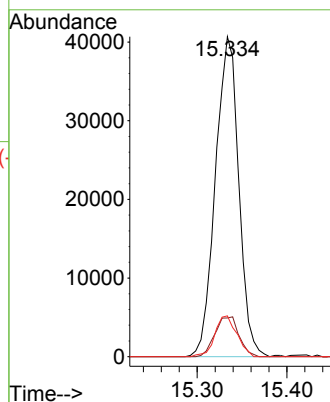
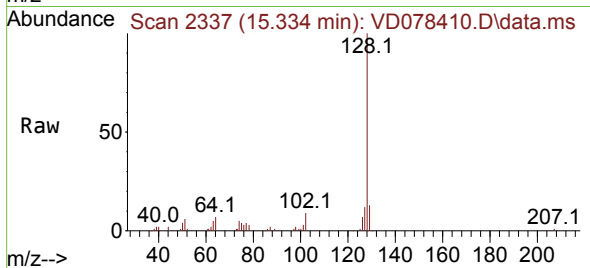
Acq: 14 Feb 2024 12:32

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	128	Resp:	73514
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.5	15.7
129	12.7	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 21.543 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078410.D

Acq: 14 Feb 2024 12:32

Tgt Ion:	180	Resp:	35788
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.3	141.9
145	31.2	15.1	45.3

