

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078584.D
 Acq On : 04 Mar 2024 12:24
 Operator : RP/MD
 Sample : VD0304SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBS01

Quant Time: Mar 05 04:12:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	142527	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	240316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	233217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	81154	57.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.880%	
35) Dibromofluoromethane	7.805	113	85862	54.926	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.860%	
50) Toluene-d8	10.269	98	336497	55.395	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.800%	
62) 4-Bromofluorobenzene	12.569	95	100282	57.800	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	27424	22.324	ug/l	100
3) Chloromethane	2.152	50	56005	25.570	ug/l	100
4) Vinyl Chloride	2.276	62	85277	24.341	ug/l	96
5) Bromomethane	2.675	94	62207	22.232	ug/l	95
6) Chloroethane	2.823	64	61990	23.873	ug/l	90
7) Trichlorofluoromethane	3.164	101	52466	22.148	ug/l	89
8) Diethyl Ether	3.593	74	15619	23.480	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.952	101	32178	21.552	ug/l	98
10) Methyl Iodide	4.164	142	26549	16.993	ug/l	93
11) Tert butyl alcohol	5.058	59	10553	157.252	ug/l	# 92
12) 1,1-Dichloroethene	3.934	96	29610	21.244	ug/l	97
13) Acrolein	3.799	56	16094	114.860	ug/l	99
14) Allyl chloride	4.558	41	32693	20.594	ug/l	95
15) Acrylonitrile	5.258	53	35013	127.673	ug/l	98
16) Acetone	4.028	43	31883	117.790	ug/l	# 83
17) Carbon Disulfide	4.264	76	93294	20.090	ug/l	# 93
18) Methyl Acetate	4.569	43	16061	31.348	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	65277	23.034	ug/l	100
20) Methylene Chloride	4.799	84	56991	25.533	ug/l	90
21) trans-1,2-Dichloroethene	5.317	96	33423	19.957	ug/l	90
22) Diisopropyl ether	6.216	45	78148	21.956	ug/l	94
23) Vinyl Acetate	6.158	43	238368	112.761	ug/l	99
24) 1,1-Dichloroethane	6.105	63	55360	20.588	ug/l	99
25) 2-Butanone	7.087	43	46057	134.891	ug/l	87
26) 2,2-Dichloropropane	7.075	77	46266	20.367	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	36841	20.090	ug/l	94
28) Bromochloromethane	7.428	49	22110	22.010	ug/l	90
29) Tetrahydrofuran	7.452	42	23021	121.360	ug/l	95
30) Chloroform	7.599	83	60672	20.897	ug/l	98
31) Cyclohexane	7.875	56	45268	20.471	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	51141	20.533	ug/l	99
36) 1,1-Dichloropropene	8.005	75	44807	20.713	ug/l	97
37) Ethyl Acetate	7.169	43	17692	25.241	ug/l	# 94
38) Carbon Tetrachloride	7.987	117	47534	21.009	ug/l	93
39) Methylcyclohexane	9.275	83	50375	19.841	ug/l	95
40) Benzene	8.246	78	133115	20.761	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7727	20.568	ug/l #	76
42) 1,2-Dichloroethane	8.322	62	34688	21.325	ug/l	99
43) Isopropyl Acetate	8.363	43	31349	23.329	ug/l #	78
44) Trichloroethene	9.028	130	36291	20.626	ug/l	85
45) 1,2-Dichloropropane	9.305	63	31415	20.396	ug/l	97
46) Dibromomethane	9.387	93	19903	22.415	ug/l	95
47) Bromodichloromethane	9.587	83	46321	21.157	ug/l	89
48) Methyl methacrylate	9.381	41	14603	23.990	ug/l	85
49) 1,4-Dioxane	9.387	88	5126	561.412	ug/l #	95
51) 4-Methyl-2-Pentanone	10.157	43	91168	131.445	ug/l	94
52) Toluene	10.334	92	83884	20.389	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	43199	21.328	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	52295	21.564	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	28310	22.643	ug/l	93
56) Ethyl methacrylate	10.593	69	27323	21.804	ug/l #	89
57) 1,3-Dichloropropane	10.875	76	45085	22.252	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	71321	141.300	ug/l	100
59) 2-Hexanone	10.922	43	69342	134.790	ug/l	93
60) Dibromochloromethane	11.069	129	34237	22.678	ug/l	97
61) 1,2-Dibromoethane	11.175	107	26611	23.191	ug/l	98
64) Tetrachloroethene	10.810	164	30264	20.624	ug/l	96
65) Chlorobenzene	11.604	112	93248	20.304	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	34307	20.066	ug/l	96
67) Ethyl Benzene	11.681	91	156901	19.717	ug/l	91
68) m/p-Xylenes	11.793	106	125998	39.138	ug/l	92
69) o-Xylene	12.122	106	57205	19.587	ug/l	93
70) Styrene	12.134	104	100612	19.875	ug/l	98
71) Bromoform	12.299	173	21027	23.118	ug/l #	98
73) Isopropylbenzene	12.416	105	149429	19.968	ug/l	98
74) N-amyl acetate	12.234	43	29868	23.713	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	34111	23.794	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	38439	42.633	ug/l #	100
77) Bromobenzene	12.698	156	37655	20.806	ug/l	93
78) n-propylbenzene	12.763	91	189636	20.717	ug/l	98
79) 2-Chlorotoluene	12.846	91	101181	20.599	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	128002	21.020	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	9891	23.481	ug/l	97
82) 4-Chlorotoluene	12.946	91	108149	20.659	ug/l	98
83) tert-Butylbenzene	13.163	119	107355	20.475	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	129089	20.740	ug/l	99
85) sec-Butylbenzene	13.345	105	169378	20.706	ug/l	97
86) p-Isopropyltoluene	13.457	119	143766	20.878	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	79866	20.653	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	81240	20.969	ug/l	99
89) n-Butylbenzene	13.787	91	129927	20.190	ug/l	98
90) Hexachloroethane	14.051	117	29596	21.138	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	69488	21.154	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4310	22.555	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	42677	21.940	ug/l	98
94) Hexachlorobutadiene	15.198	225	21647	20.226	ug/l	97
95) Naphthalene	15.328	128	77690	22.603	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	38745	22.429	ug/l	97

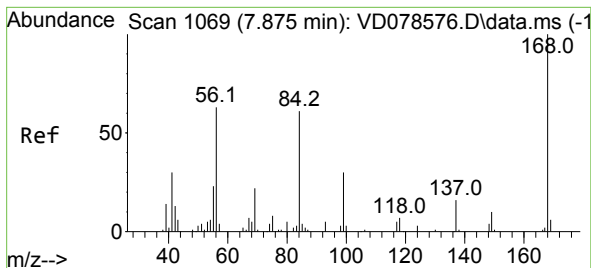
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Data File : VD078584.D
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

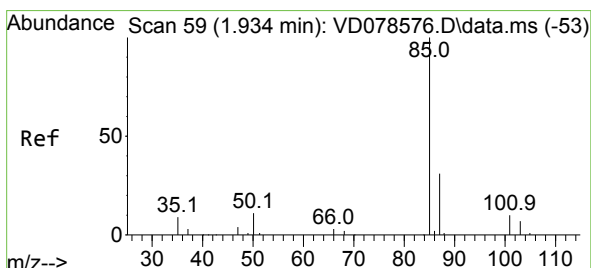
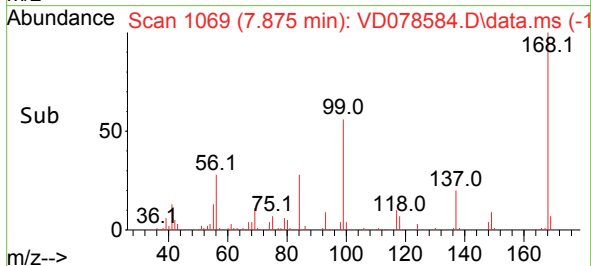
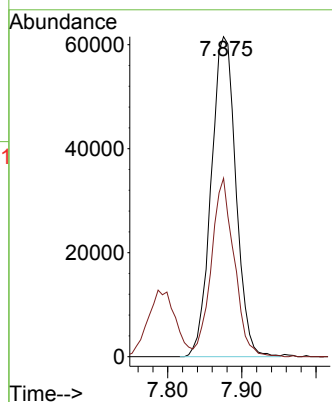
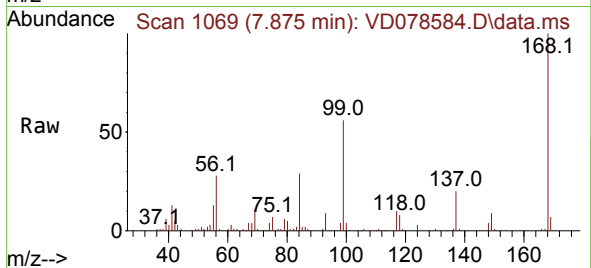
VD0304SBS01

Tgt Ion:168 Resp: 142527

Ion Ratio Lower Upper

168 100

99 55.5 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 22.324 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078584.D

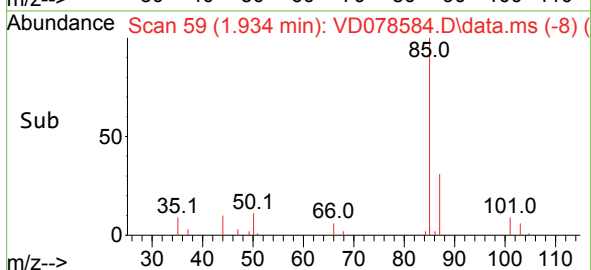
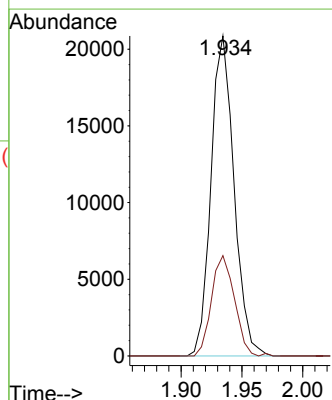
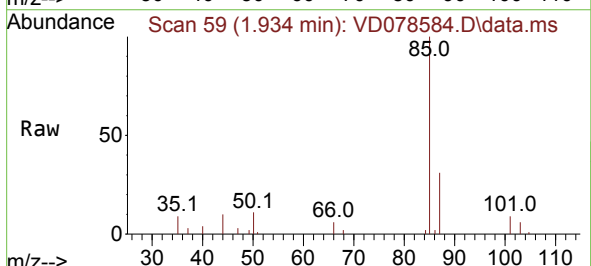
Acq: 04 Mar 2024 12:24

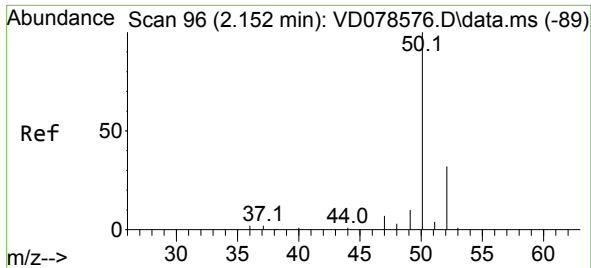
Tgt Ion: 85 Resp: 27424

Ion Ratio Lower Upper

85 100

87 31.3 15.7 47.0

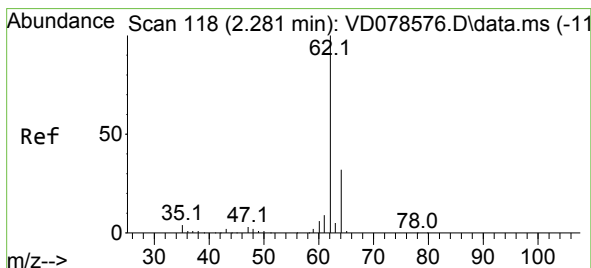
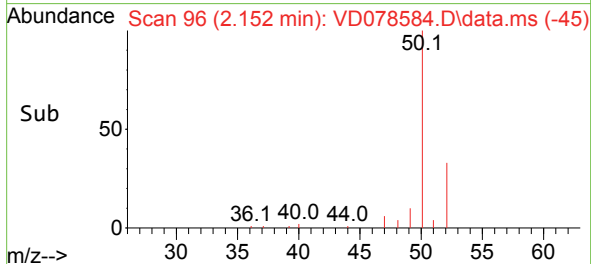
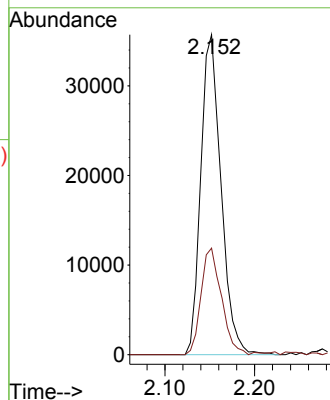
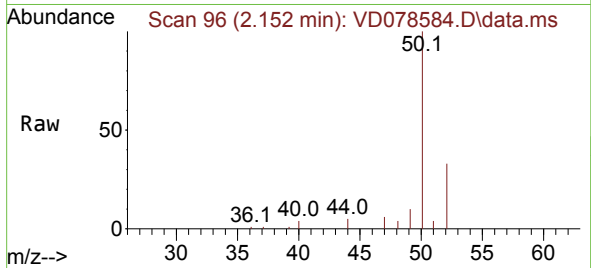




#3
Chloromethane
Concen: 25.570 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

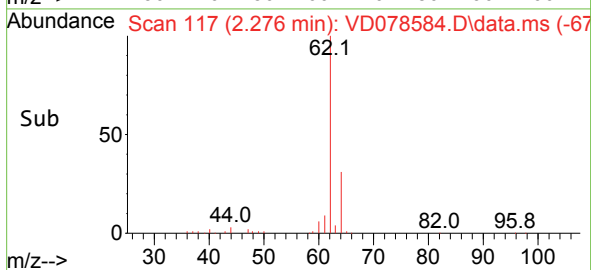
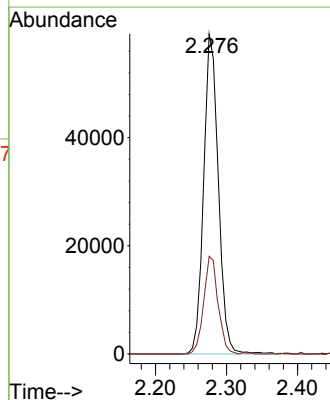
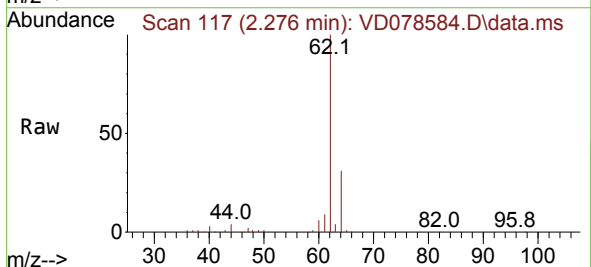
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

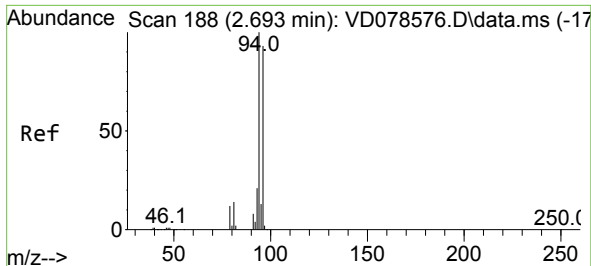
Tgt Ion: 50 Resp: 56005
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 24.341 ug/l
RT: 2.276 min Scan# 117
Delta R.T. -0.005 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion: 62 Resp: 85277
Ion Ratio Lower Upper
62 100
64 30.5 26.0 39.0

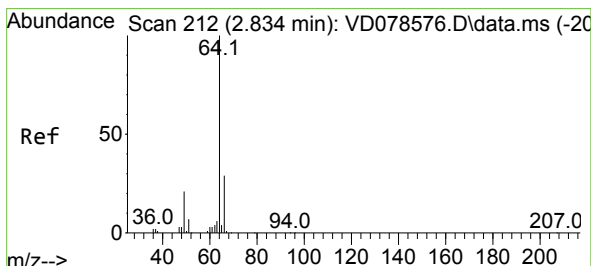
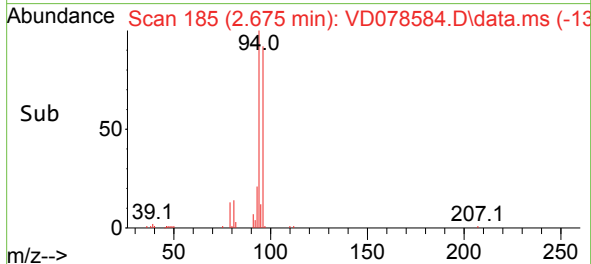
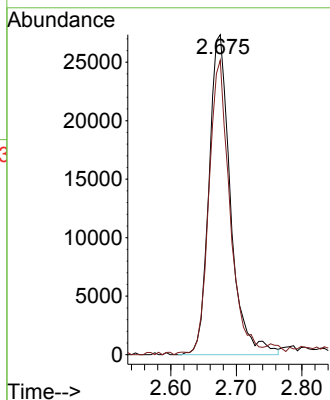
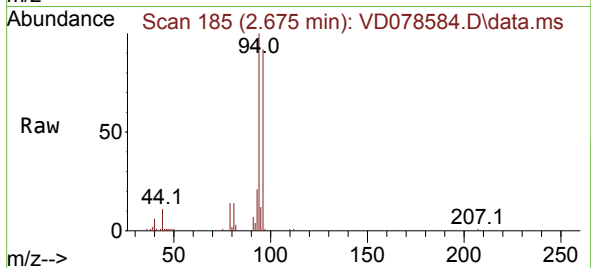




#5
Bromomethane
Concen: 22.232 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.017 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

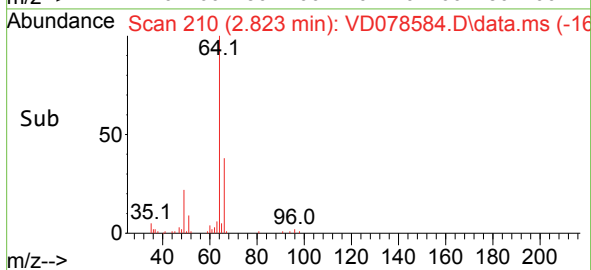
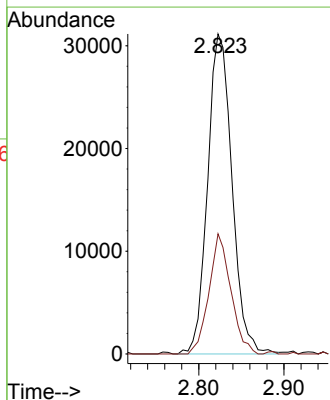
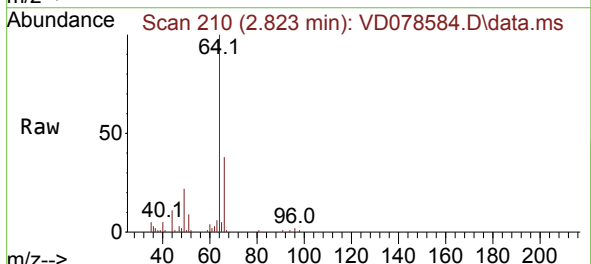
Instrument :
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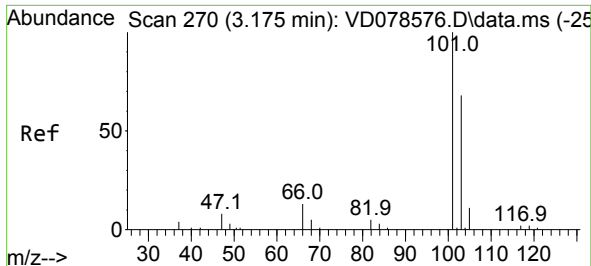
Tgt Ion: 94 Resp: 62207
Ion Ratio Lower Upper
94 100
96 90.0 75.8 113.8



#6
Chloroethane
Concen: 23.873 ug/l
RT: 2.823 min Scan# 210
Delta R.T. -0.011 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion: 64 Resp: 61990
Ion Ratio Lower Upper
64 100
66 37.5 25.5 38.3

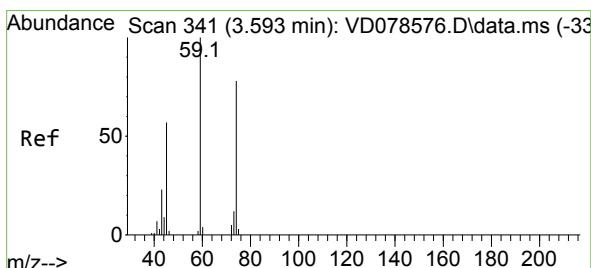
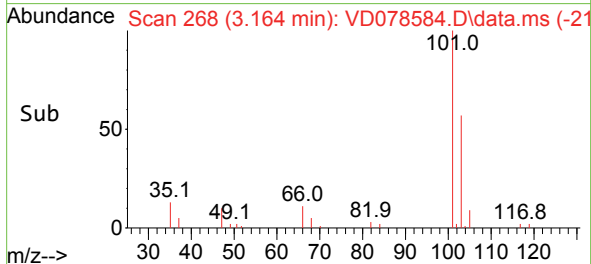
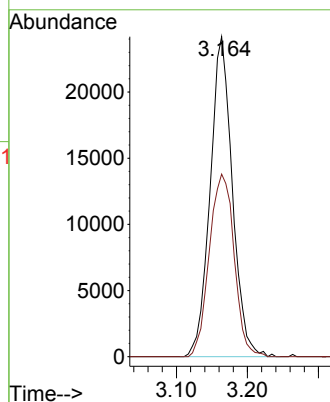
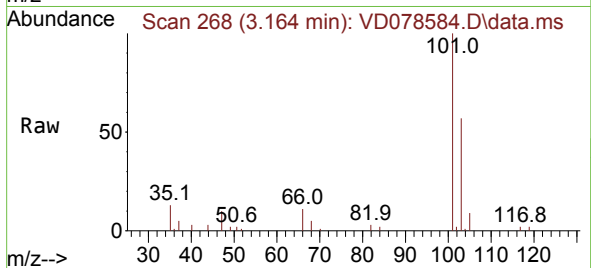




#7
 Trichlorofluoromethane
 Concen: 22.148 ug/l
 RT: 3.164 min Scan# 210
 Delta R.T. -0.011 min
 Lab File: VD078584.D
 Acq: 04 Mar 2024 12:24

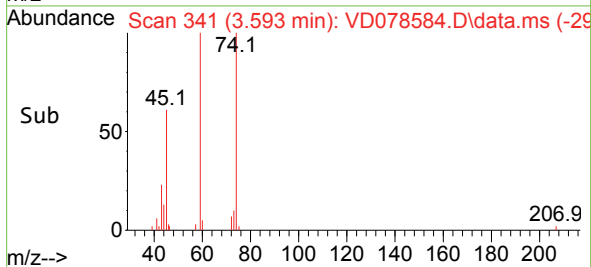
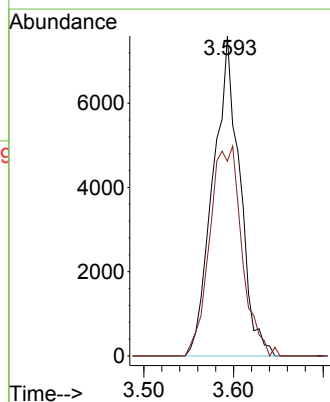
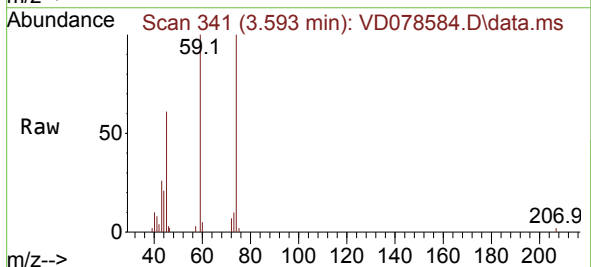
Instrument :
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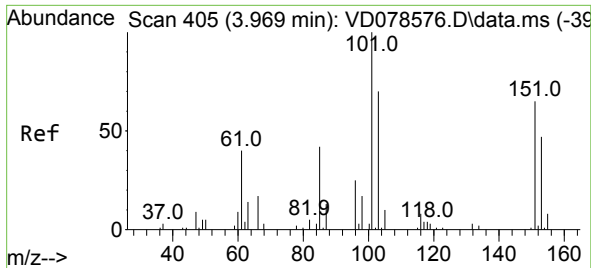
Tgt Ion:101 Resp: 52466
 Ion Ratio Lower Upper
 101 100
 103 57.1 52.3 78.5



#8
 Diethyl Ether
 Concen: 23.480 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD078584.D
 Acq: 04 Mar 2024 12:24

Tgt Ion: 74 Resp: 15619
 Ion Ratio Lower Upper
 74 100
 45 79.3 37.5 112.7

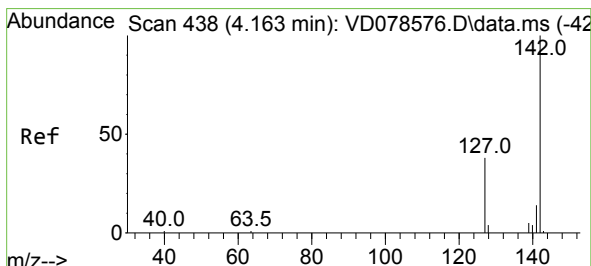
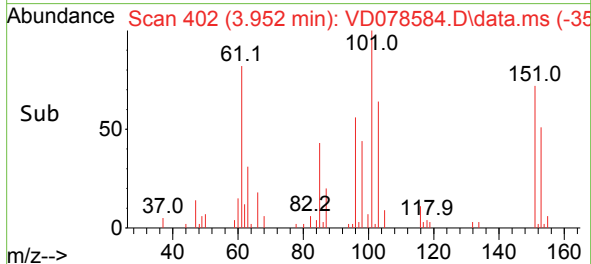
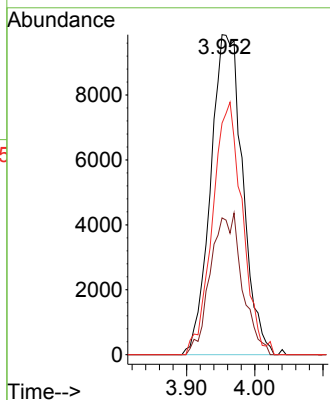
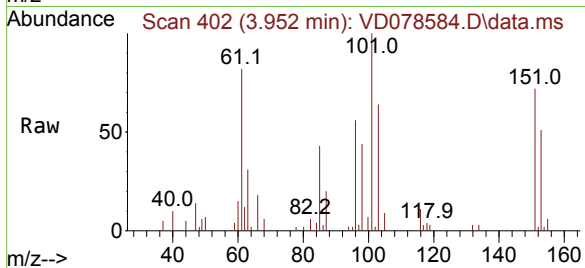




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.552 ug/l
RT: 3.952 min Scan# 40
Delta R.T. -0.017 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

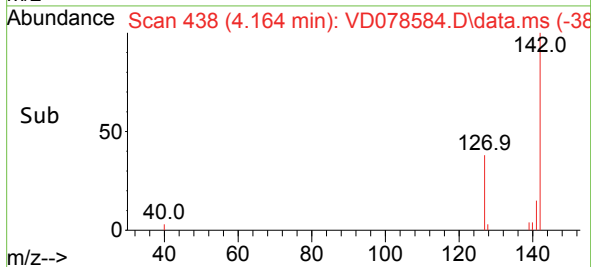
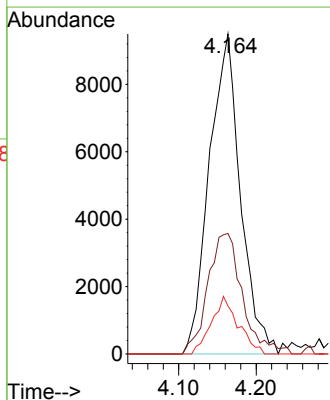
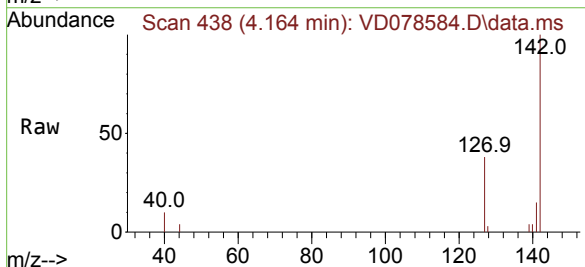
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

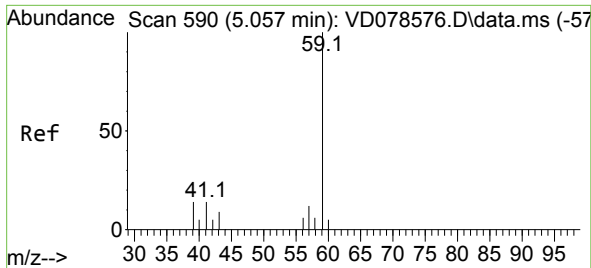
Tgt Ion:101 Resp: 32178
Ion Ratio Lower Upper
101 100
85 43.8 33.8 50.6
151 73.8 59.8 89.6



#10
Methyl Iodide
Concen: 16.993 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion:142 Resp: 26549
Ion Ratio Lower Upper
142 100
127 41.6 29.4 44.0
141 15.5 11.1 16.7





#11

Tert butyl alcohol

Concen: 157.252 ug/l

RT: 5.058 min Scan# 59

Delta R.T. 0.001 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

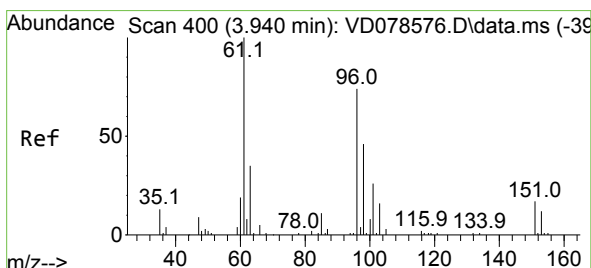
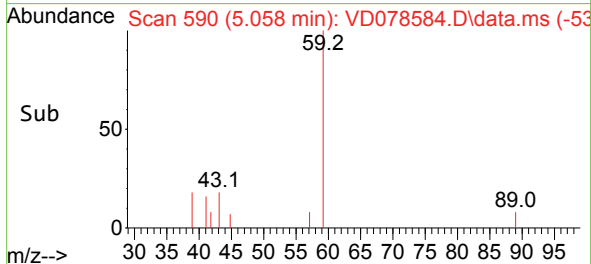
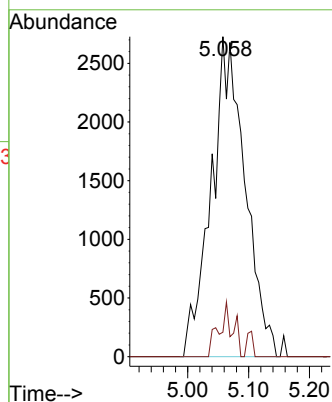
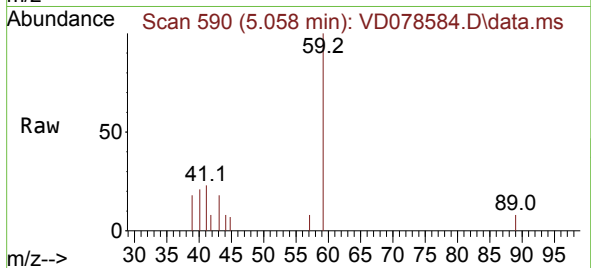
VD0304SBS01

Tgt Ion: 59 Resp: 10553

Ion Ratio Lower Upper

59 100

57 6.9 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 21.244 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.005 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

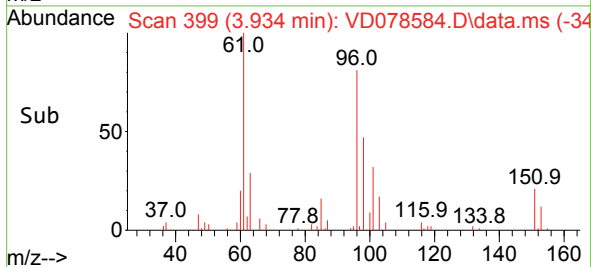
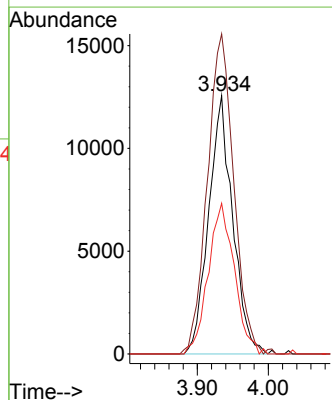
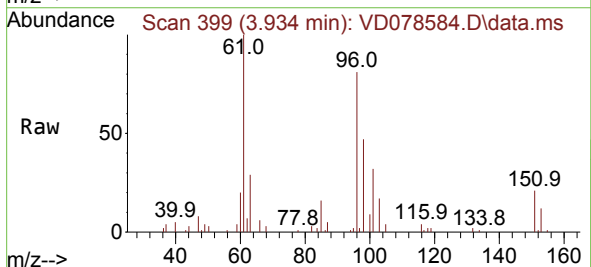
Tgt Ion: 96 Resp: 29610

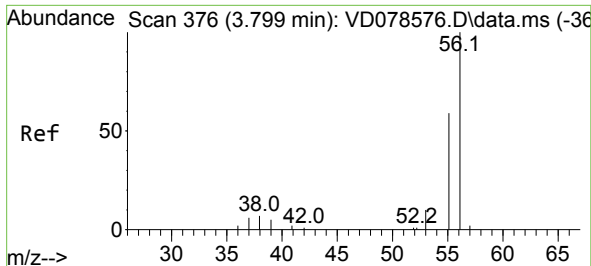
Ion Ratio Lower Upper

96 100

61 123.9 100.6 150.8

98 58.3 50.2 75.2





#13

Acrolein

Concen: 114.860 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

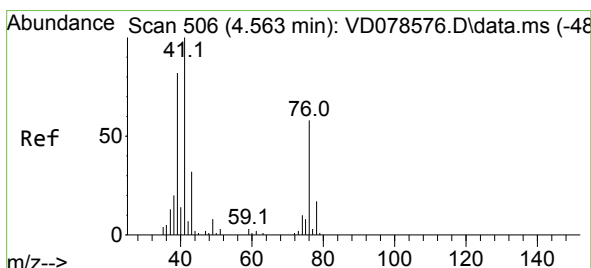
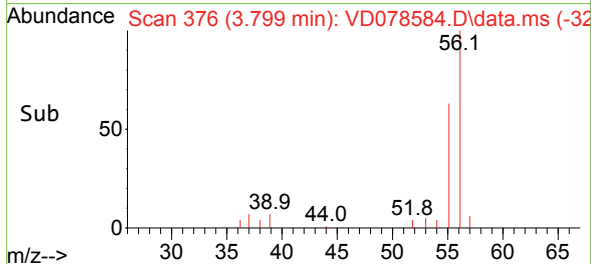
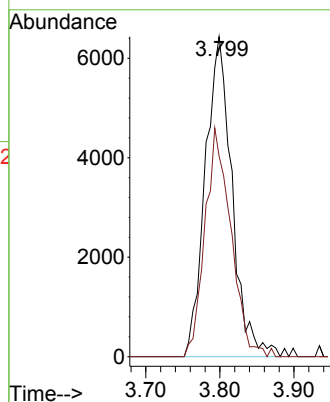
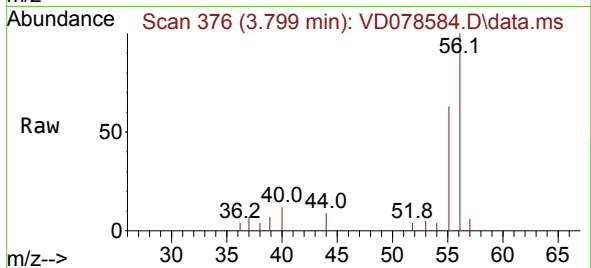
VD0304SBS01

Tgt Ion: 56 Resp: 16094

Ion Ratio Lower Upper

56 100

55 69.6 55.1 82.7



#14

Allyl chloride

Concen: 20.594 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

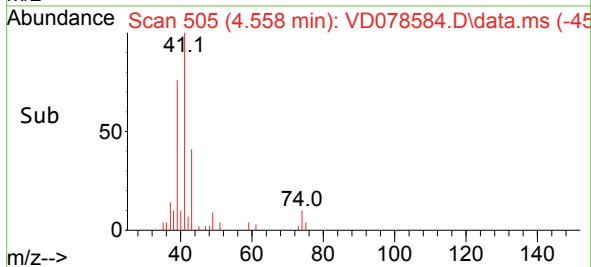
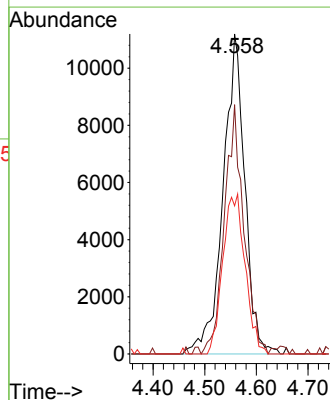
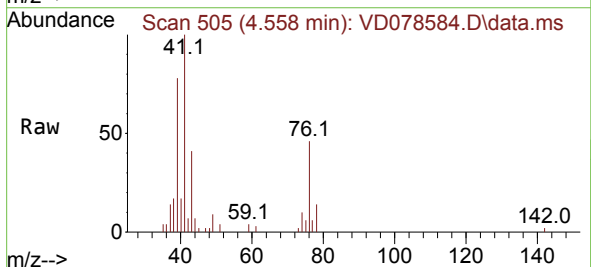
Tgt Ion: 41 Resp: 32693

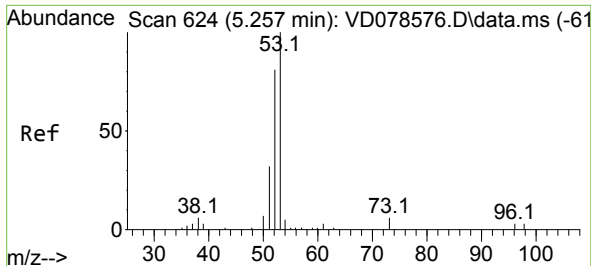
Ion Ratio Lower Upper

41 100

39 69.9 53.8 80.6

76 51.4 45.8 68.8

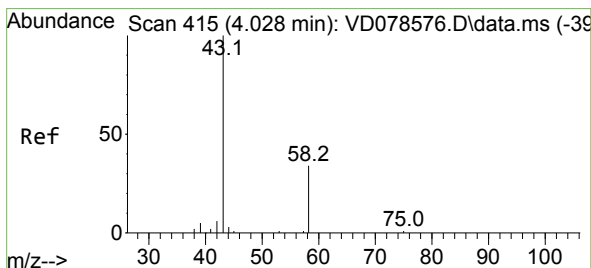
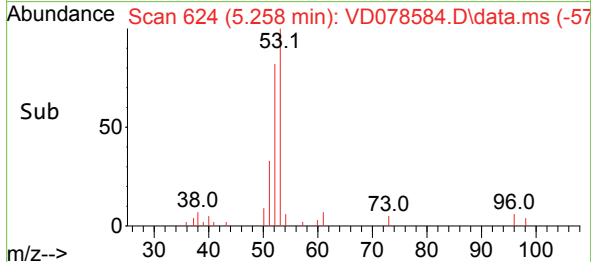
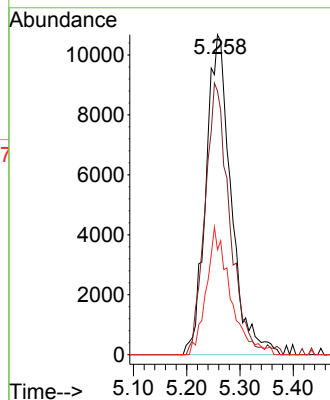
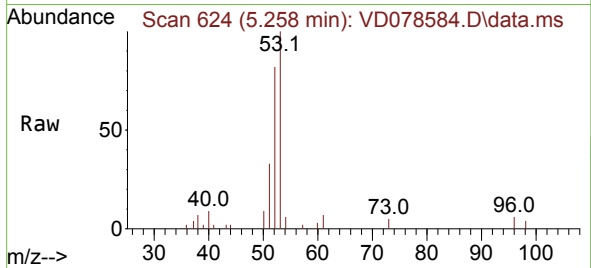




#15
Acrylonitrile
Concen: 127.673 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

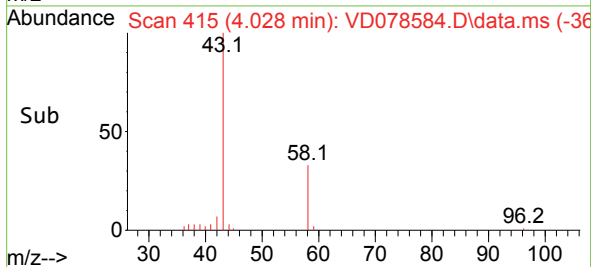
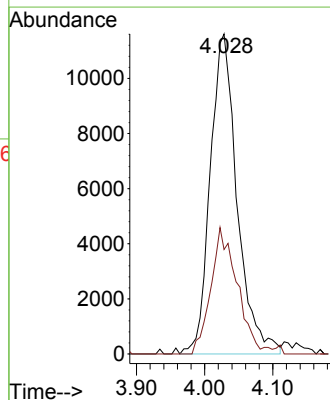
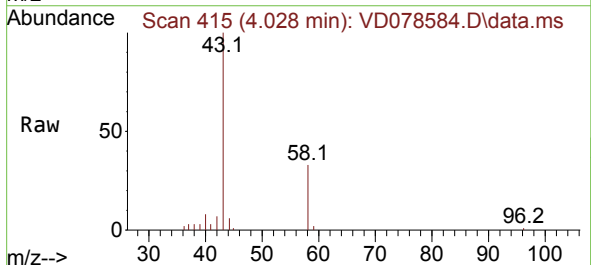
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

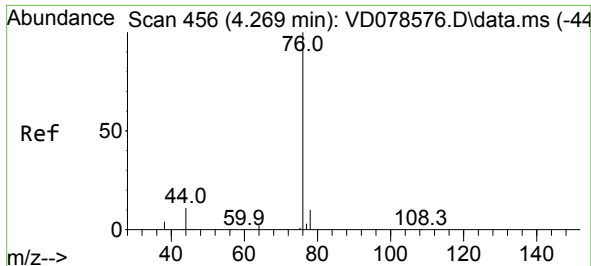
Tgt Ion: 53	Resp: 35013
Ion Ratio	Lower Upper
53 100	
52 82.5	65.0 97.4
51 38.0	28.3 42.5



#16
Acetone
Concen: 117.790 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion: 43	Resp: 31883
Ion Ratio	Lower Upper
43 100	
58 32.7	34.7 52.1#





#17

Carbon Disulfide

Concen: 20.090 ug/l

RT: 4.264 min Scan# 4

Delta R.T. -0.005 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

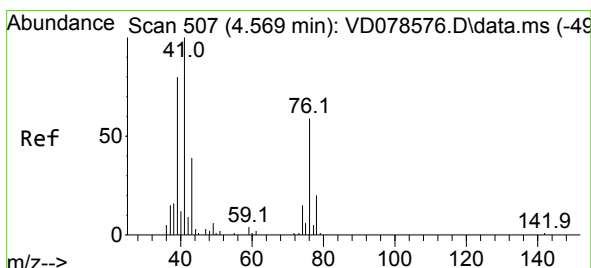
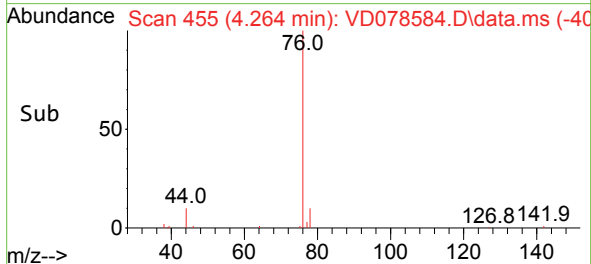
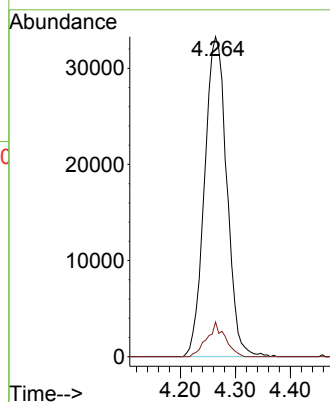
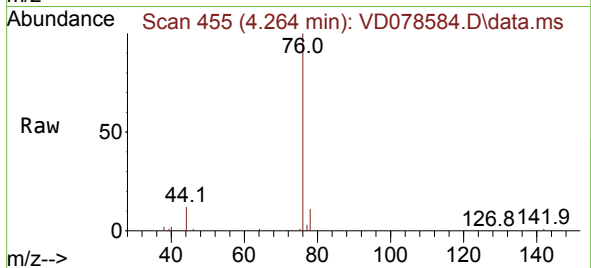
VD0304SBS01

Tgt Ion: 76 Resp: 93294

Ion Ratio Lower Upper

76 100

78 10.9 6.8 10.2#



#18

Methyl Acetate

Concen: 31.348 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.000 min

Lab File: VD078584.D

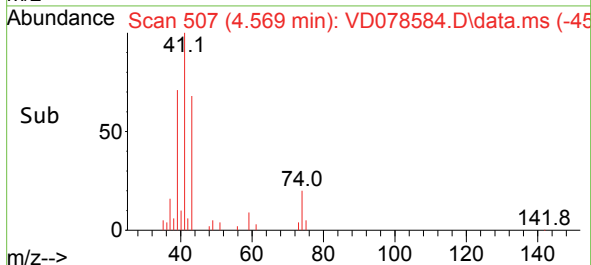
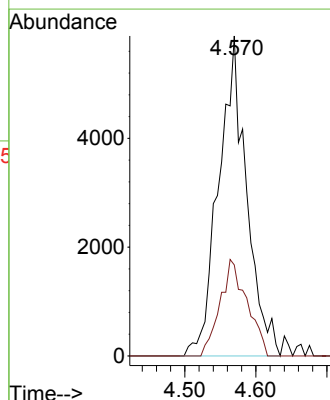
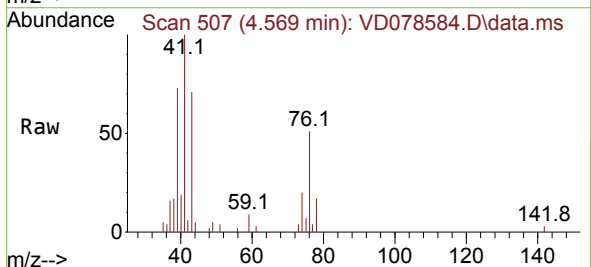
Acq: 04 Mar 2024 12:24

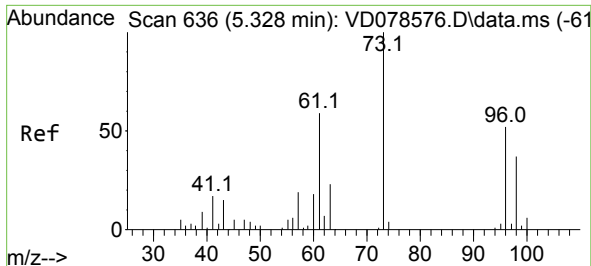
Tgt Ion: 43 Resp: 16061

Ion Ratio Lower Upper

43 100

74 29.2 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 23.034 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.005 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

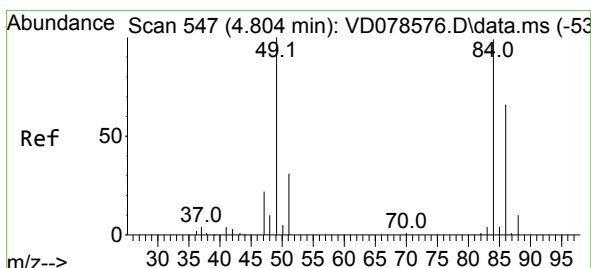
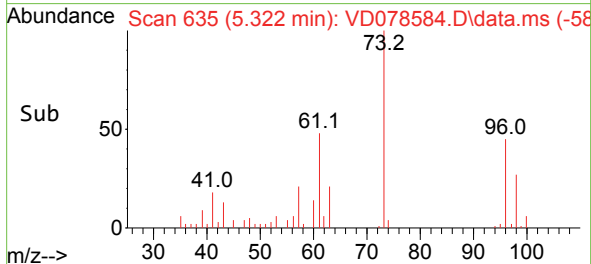
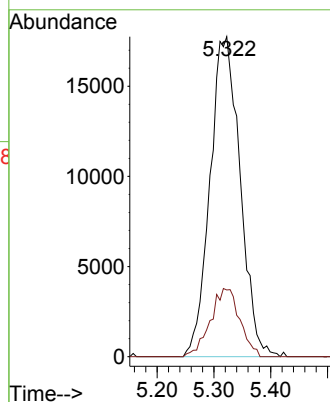
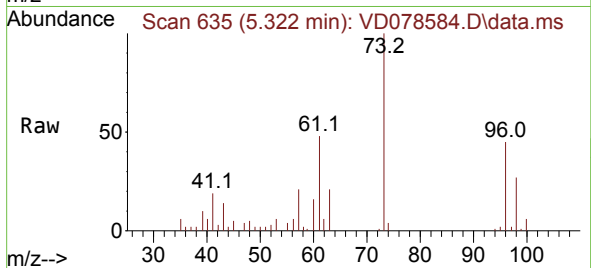
VD0304SBS01

Tgt Ion: 73 Resp: 65277

Ion Ratio Lower Upper

73 100

57 20.9 16.6 25.0



#20

Methylene Chloride

Concen: 25.533 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.005 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Tgt Ion: 84 Resp: 56991

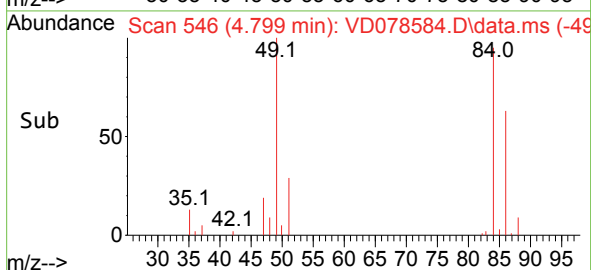
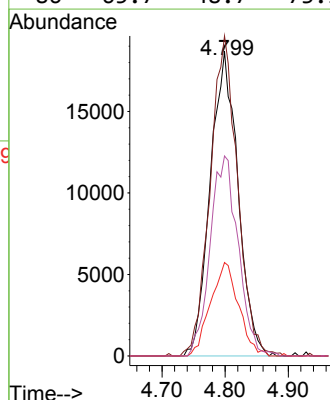
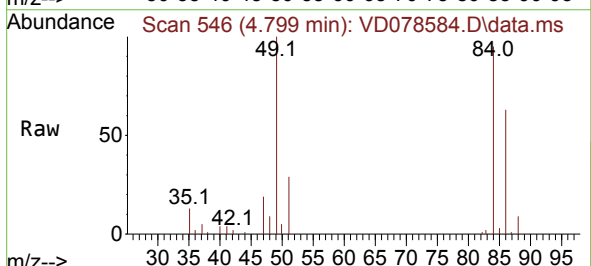
Ion Ratio Lower Upper

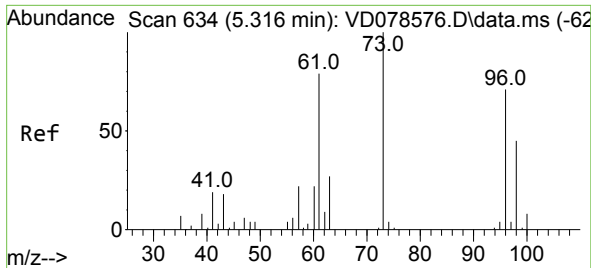
84 100

49 105.1 71.4 107.2

51 30.7 24.5 36.7

86 65.7 48.7 73.1

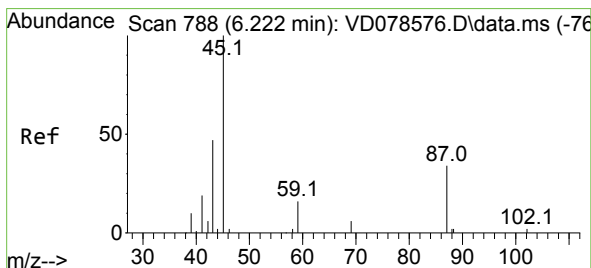
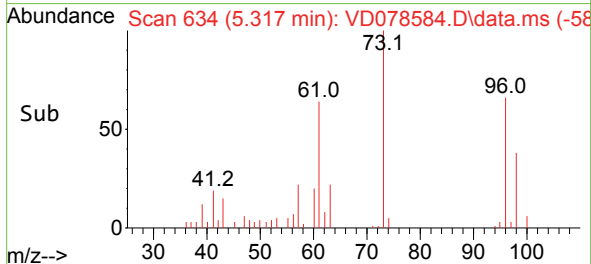
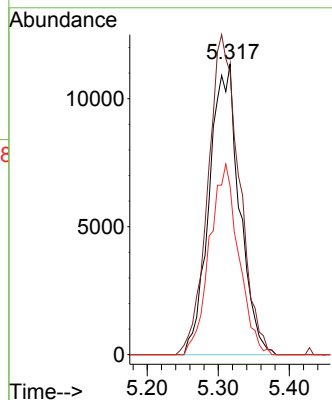
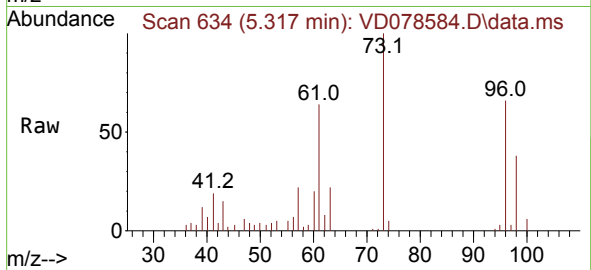




#21
trans-1,2-Dichloroethene
Concen: 19.957 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

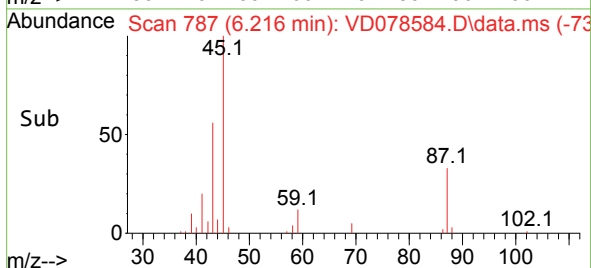
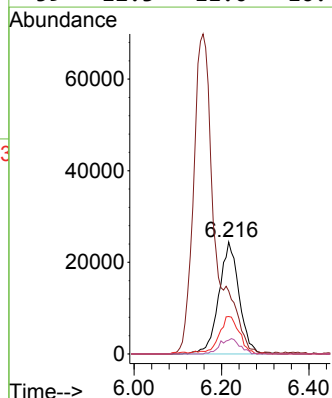
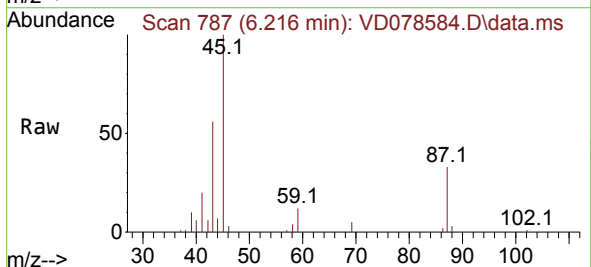
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

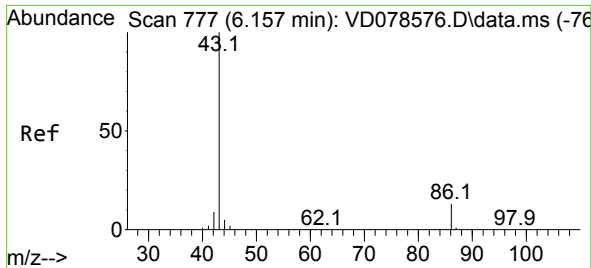
Tgt Ion: 96 Resp: 33423
Ion Ratio Lower Upper
96 100
61 97.2 89.3 133.9
98 57.9 48.6 73.0



#22
Diisopropyl ether
Concen: 21.956 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.005 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion: 45 Resp: 78148
Ion Ratio Lower Upper
45 100
43 55.4 40.0 60.0
87 33.4 28.2 42.4
59 12.3 11.0 16.4

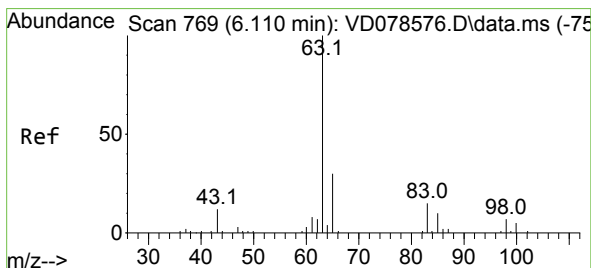
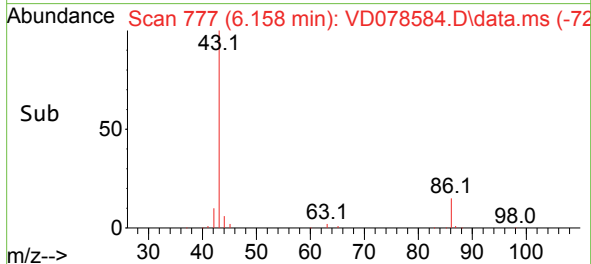
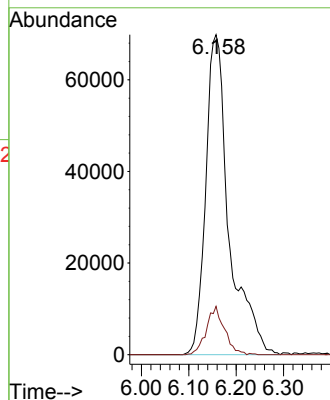
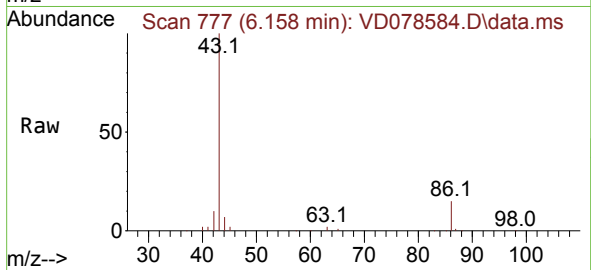




#23
 Vinyl Acetate
 Concen: 112.761 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD078584.D
 Acq: 04 Mar 2024 12:24

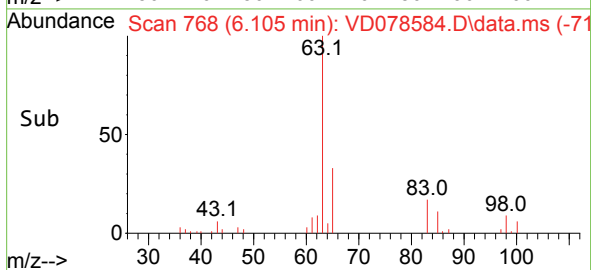
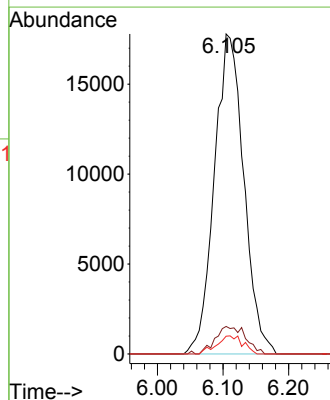
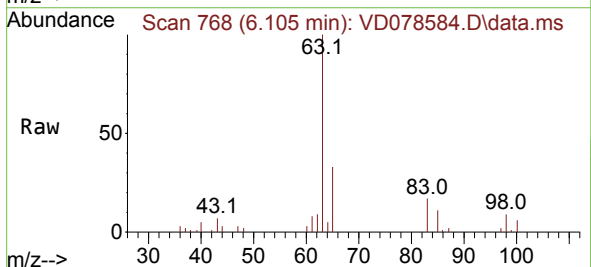
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBS01

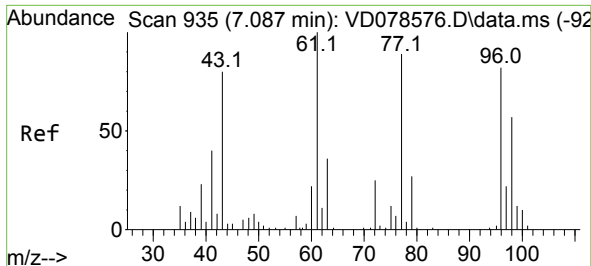
Tgt Ion: 43 Resp: 238368
 Ion Ratio Lower Upper
 43 100
 86 15.1 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 20.588 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.005 min
 Lab File: VD078584.D
 Acq: 04 Mar 2024 12:24

Tgt Ion: 63 Resp: 55360
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.5 13.7
 100 5.5 2.5 7.5

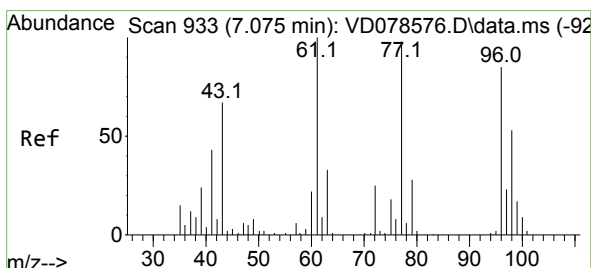
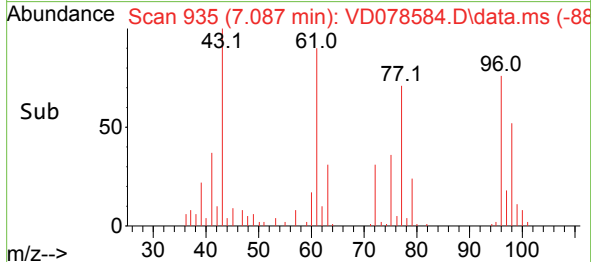
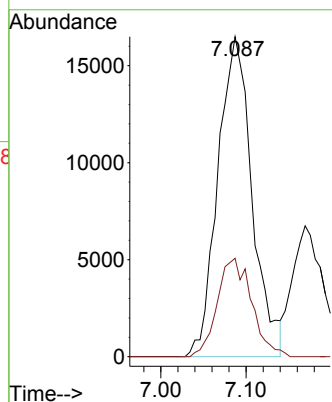
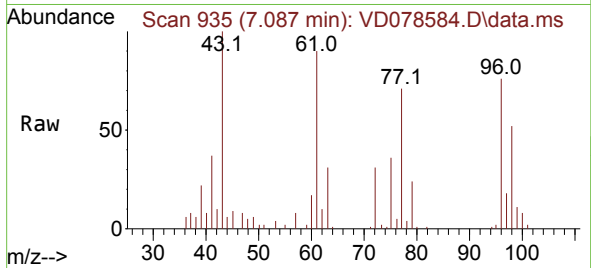




#25
2-Butanone
Concen: 134.891 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

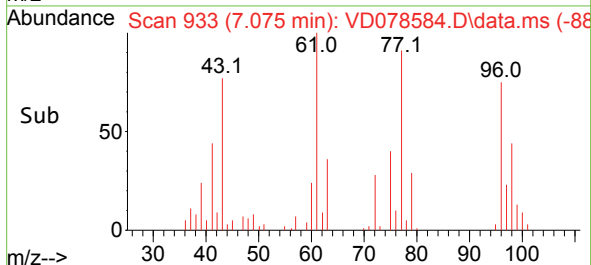
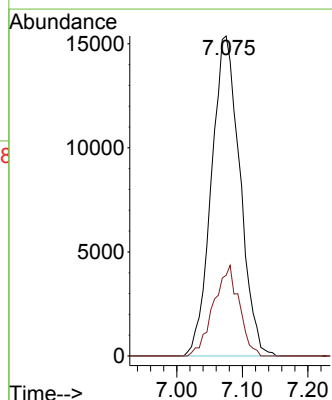
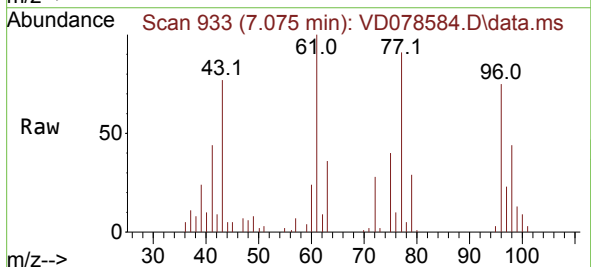
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

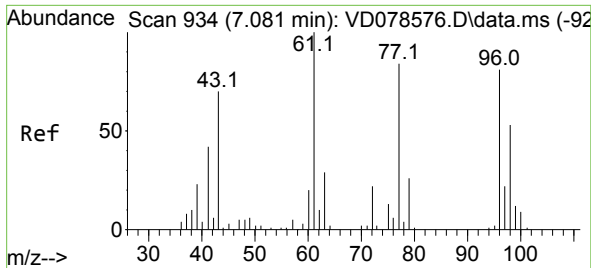
Tgt Ion: 43 Resp: 46057
Ion Ratio Lower Upper
43 100
72 30.8 30.7 46.1



#26
2,2-Dichloropropane
Concen: 20.367 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion: 77 Resp: 46266
Ion Ratio Lower Upper
77 100
97 25.4 13.2 39.6

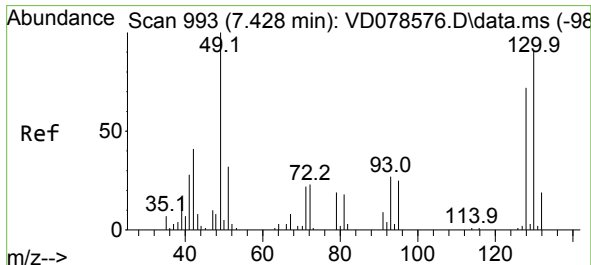
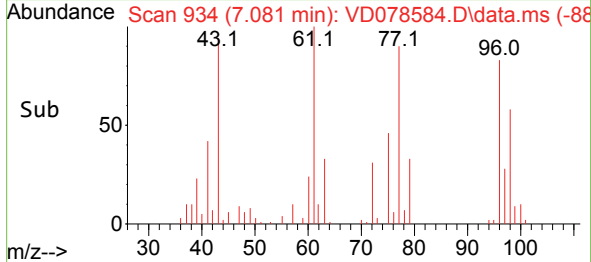
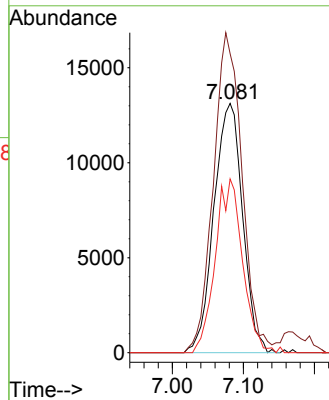
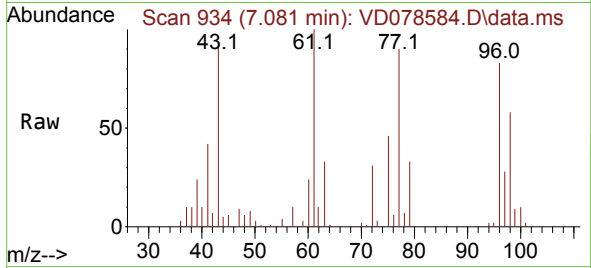




#27
 cis-1,2-Dichloroethene
 Concen: 20.090 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078584.D
 Acq: 04 Mar 2024 12:24

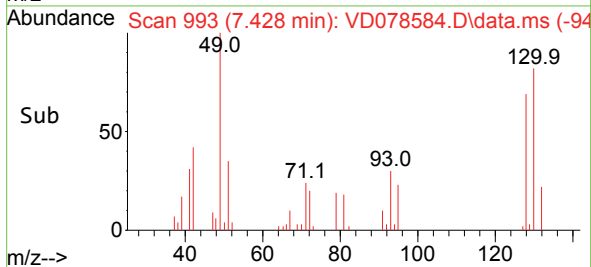
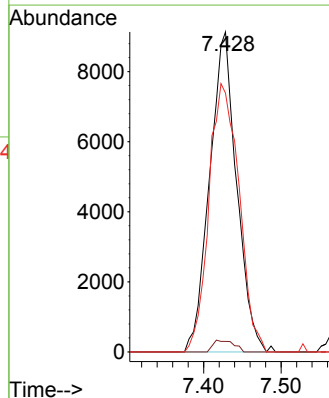
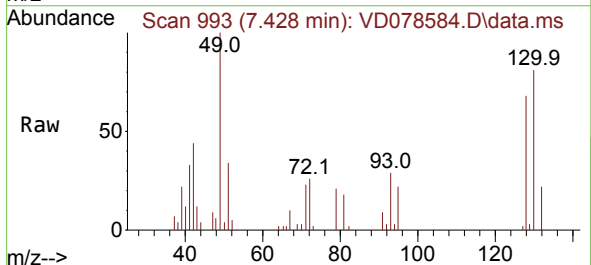
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBS01

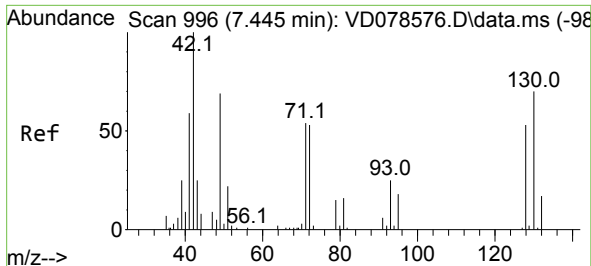
Tgt Ion: 96	Resp: 36841
Ion Ratio	Lower Upper
96 100	
61 128.2	0.0 239.2
98 66.0	0.0 128.6



#28
 Bromochloromethane
 Concen: 22.010 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD078584.D
 Acq: 04 Mar 2024 12:24

Tgt Ion: 49	Resp: 22110
Ion Ratio	Lower Upper
49 100	
129 2.8	0.0 6.0
130 93.6	83.2 124.8





#29

Tetrahydrofuran

Concen: 121.360 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBS01

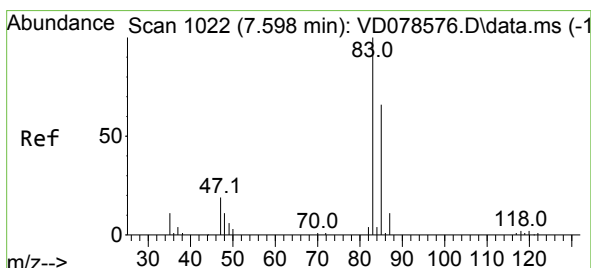
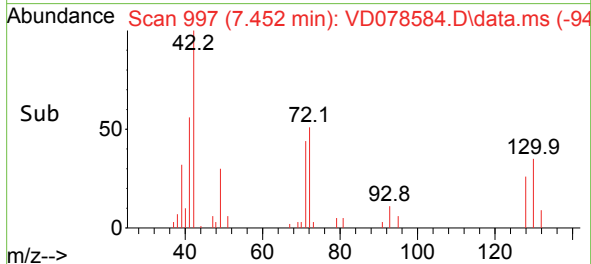
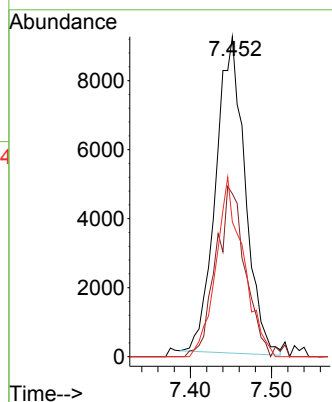
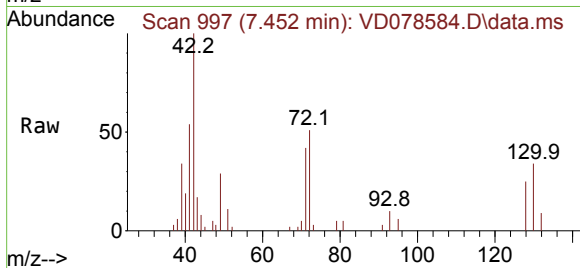
Tgt Ion: 42 Resp: 23021

Ion Ratio Lower Upper

42 100

72 53.8 46.5 69.7

71 53.0 44.5 66.7



#30

Chloroform

Concen: 20.897 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078584.D

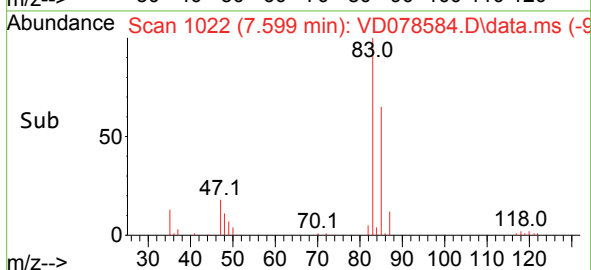
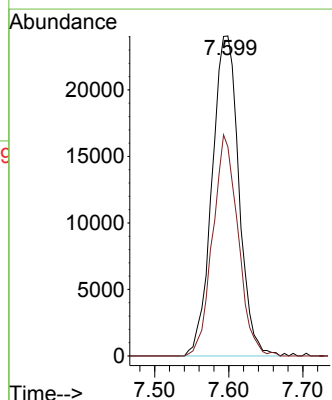
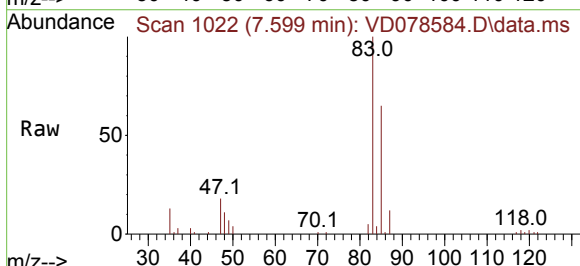
Acq: 04 Mar 2024 12:24

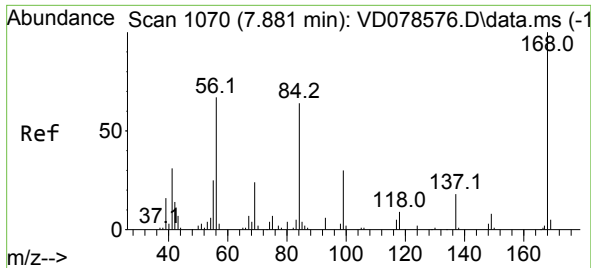
Tgt Ion: 83 Resp: 60672

Ion Ratio Lower Upper

83 100

85 65.4 53.4 80.2

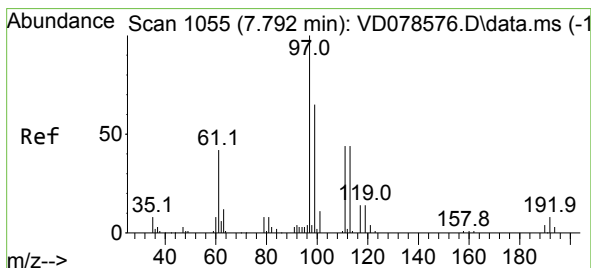
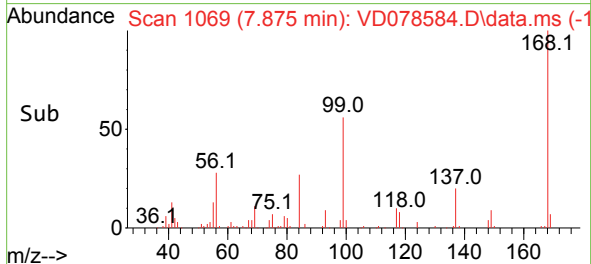
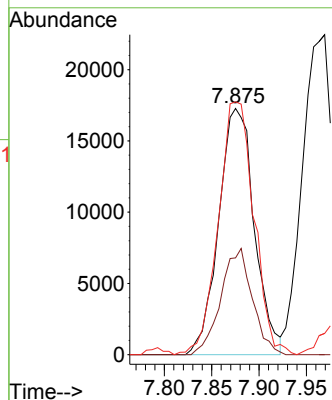
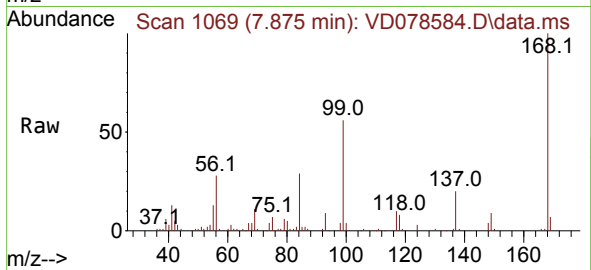




#31
Cyclohexane
Concen: 20.471 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.005 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

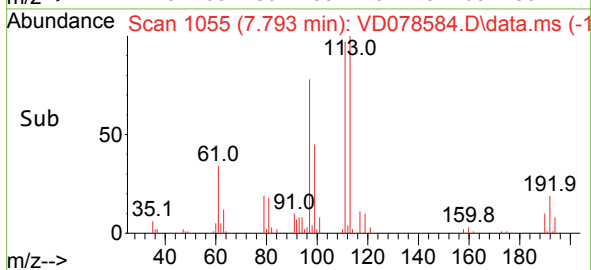
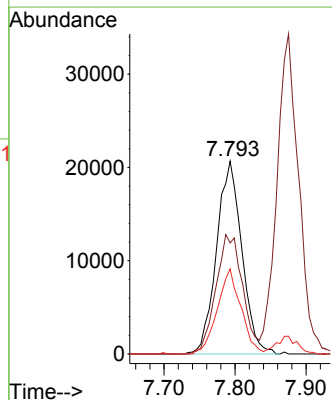
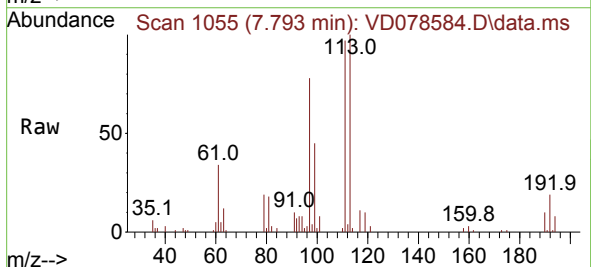
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

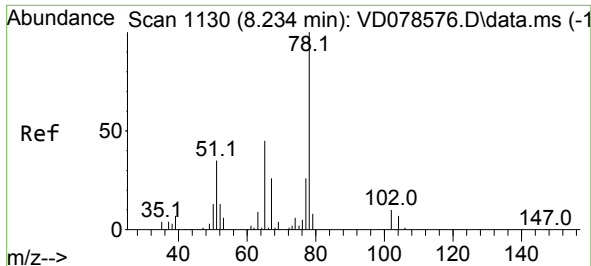
Tgt Ion: 56 Resp: 45268
Ion Ratio Lower Upper
56 100
69 39.3 28.6 43.0
84 101.7 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 20.533 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion: 97 Resp: 51141
Ion Ratio Lower Upper
97 100
99 65.6 52.0 78.0
61 41.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.440 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

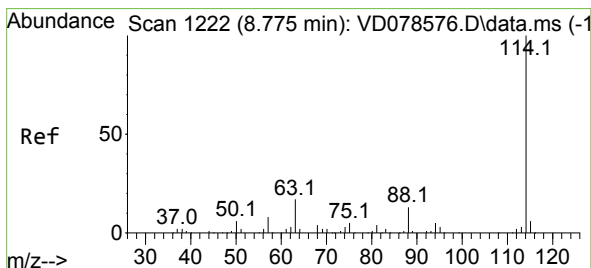
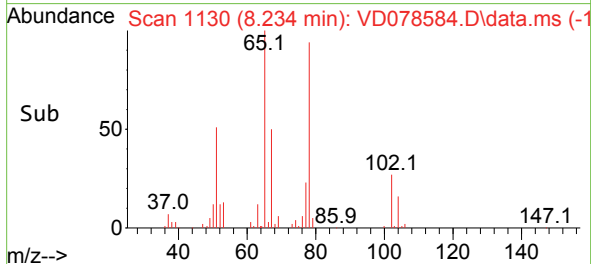
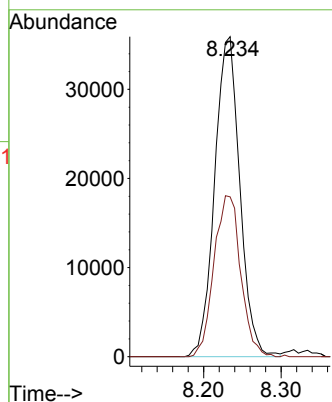
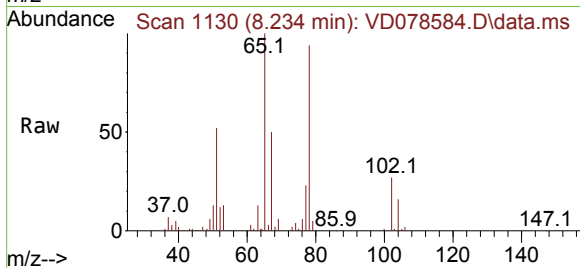
VD0304SBS01

Tgt Ion: 65 Resp: 81154

Ion Ratio Lower Upper

65 100

67 53.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

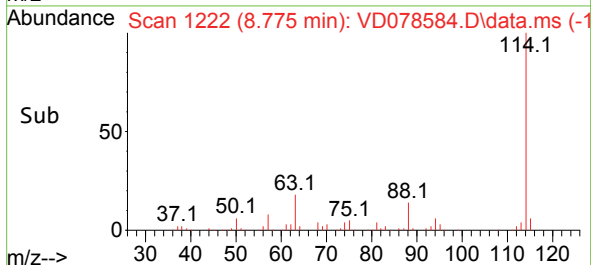
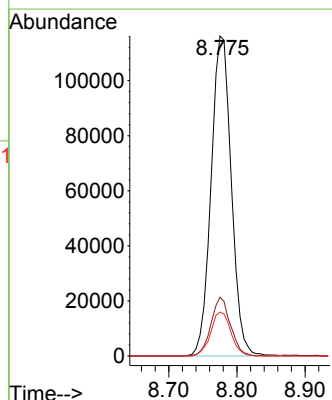
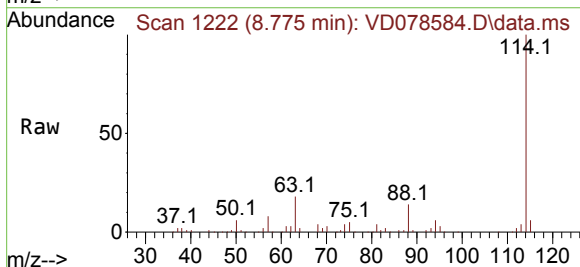
Tgt Ion: 114 Resp: 240316

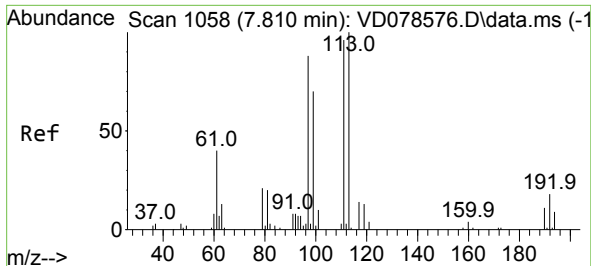
Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

88 13.7 0.0 26.2

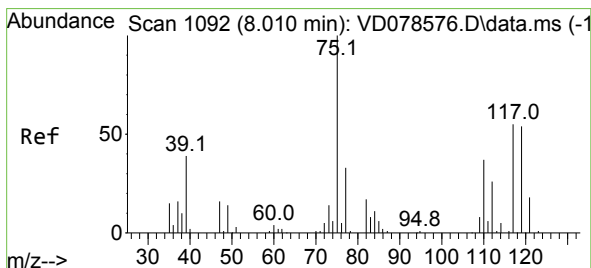
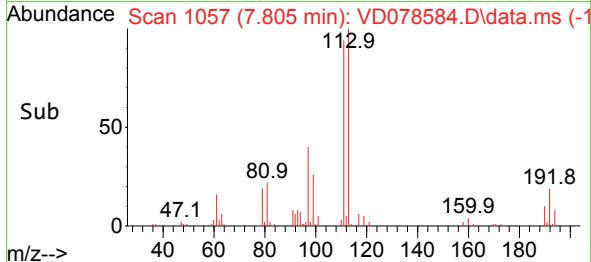
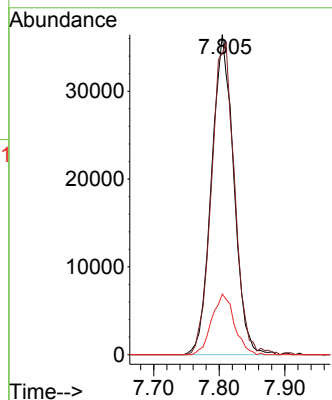
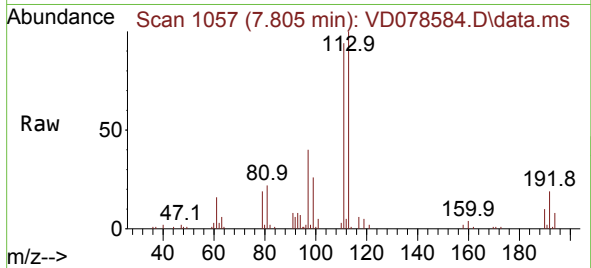




#35
Dibromofluoromethane
Concen: 54.926 ug/l
RT: 7.805 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

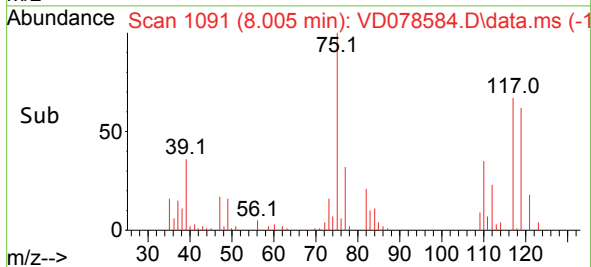
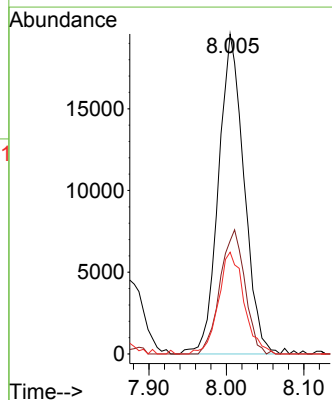
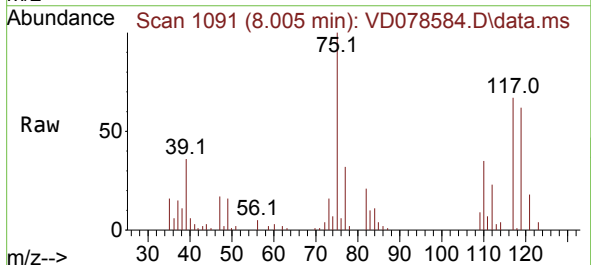
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

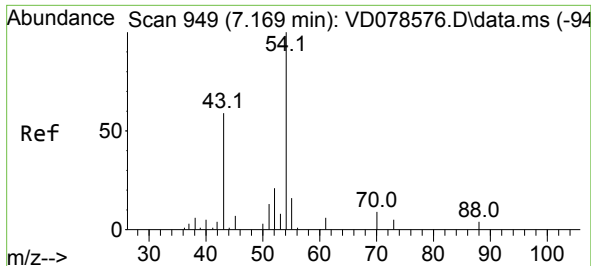
Tgt Ion:113 Resp: 85862
Ion Ratio Lower Upper
113 100
111 101.1 84.7 127.1
192 19.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.713 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion: 75 Resp: 44807
Ion Ratio Lower Upper
75 100
110 37.8 19.9 59.6
77 32.0 24.7 37.1





#37

Ethyl Acetate

Concen: 25.241 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

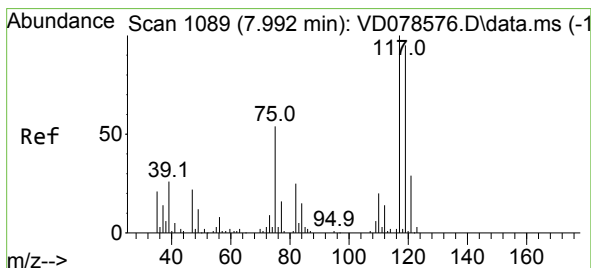
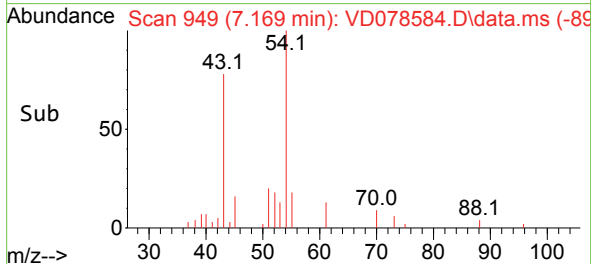
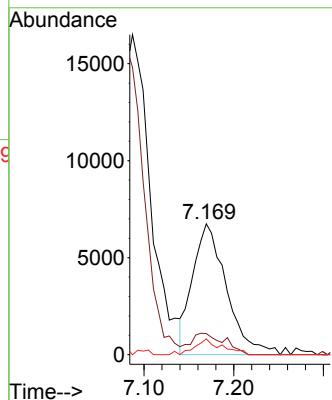
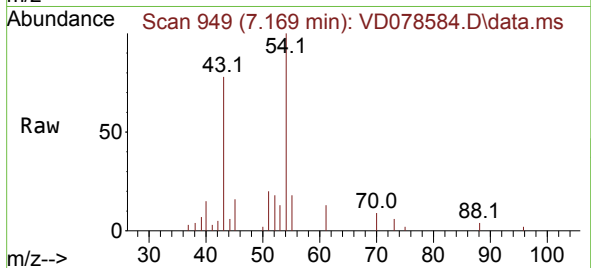
Instrument :

MSVOA_D

ClientSampleId :

VD0304SBS01

Tgt Ion: 43	Resp: 17692
Ion Ratio	Lower Upper
43	100
61	16.4 14.9 22.3
70	9.7 10.0 15.0



#38

Carbon Tetrachloride

Concen: 21.009 ug/l

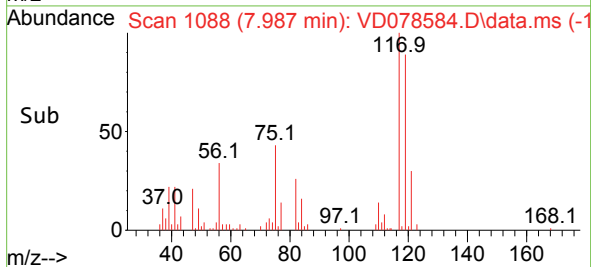
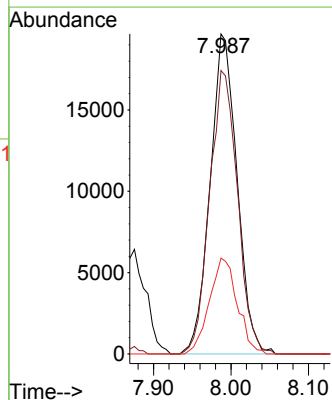
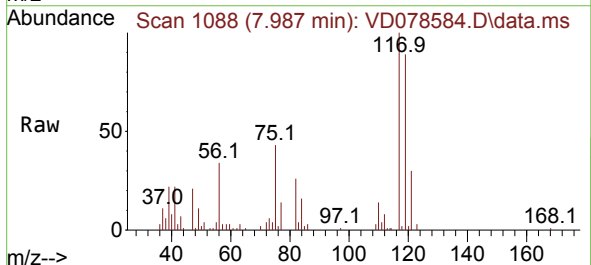
RT: 7.987 min Scan# 1088

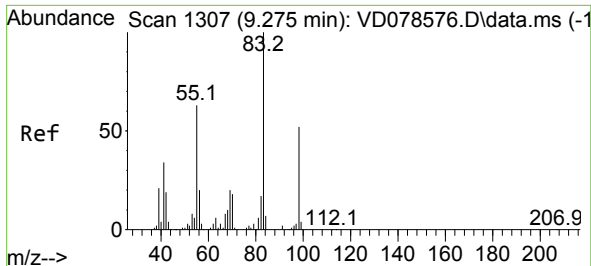
Delta R.T. -0.005 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Tgt Ion: 117	Resp: 47534
Ion Ratio	Lower Upper
117	100
119	88.5 78.0 117.0
121	30.0 24.2 36.2





#39

Methylcyclohexane

Concen: 19.841 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBS01

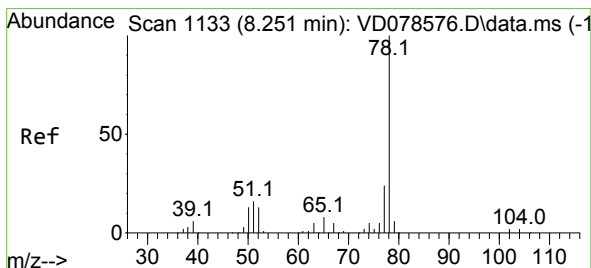
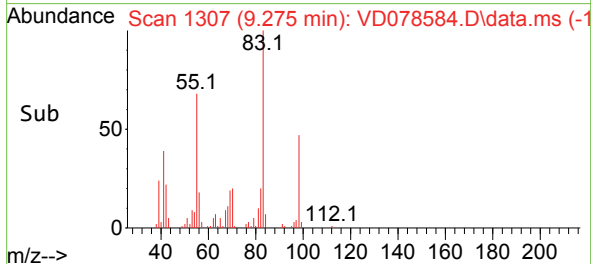
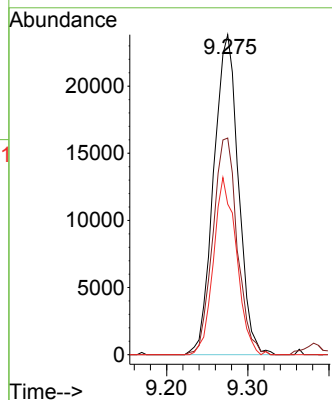
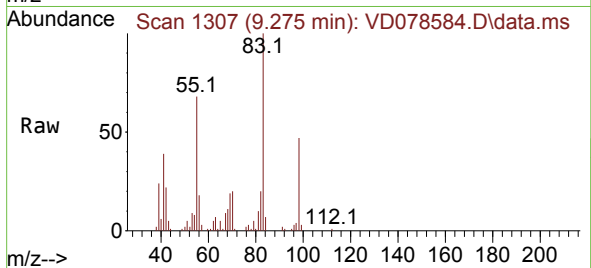
Tgt Ion: 83 Resp: 50375

Ion Ratio Lower Upper

83 100

55 67.7 49.4 74.0

98 47.0 38.4 57.6



#40

Benzene

Concen: 20.761 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.005 min

Lab File: VD078584.D

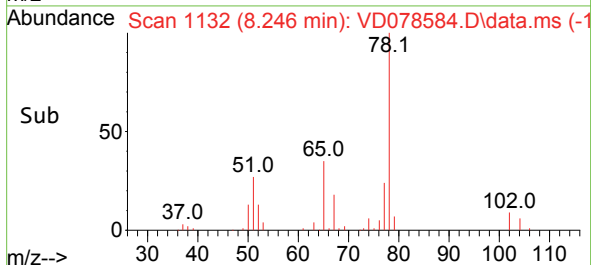
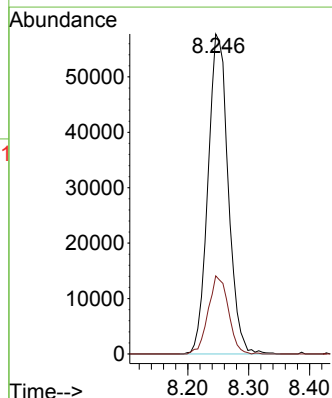
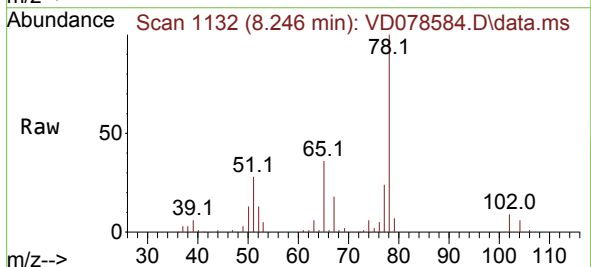
Acq: 04 Mar 2024 12:24

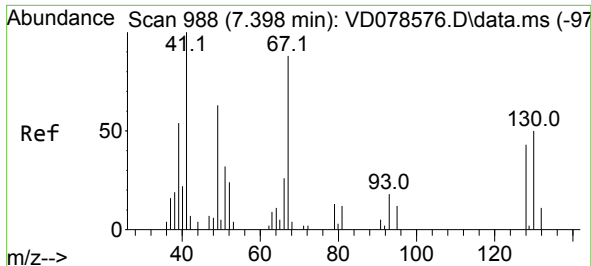
Tgt Ion: 78 Resp: 133115

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0

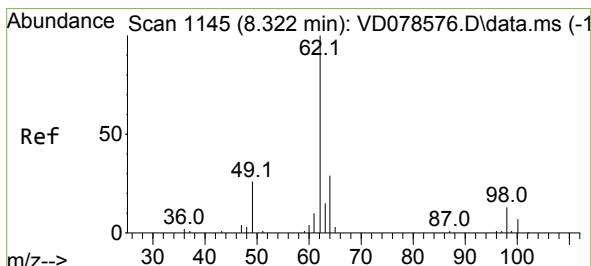
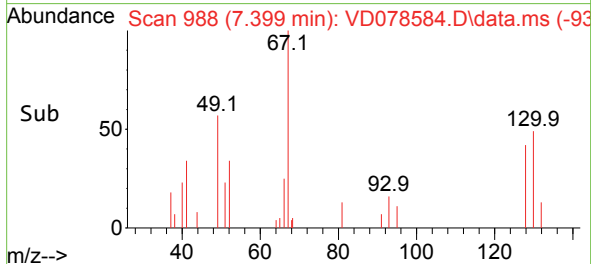
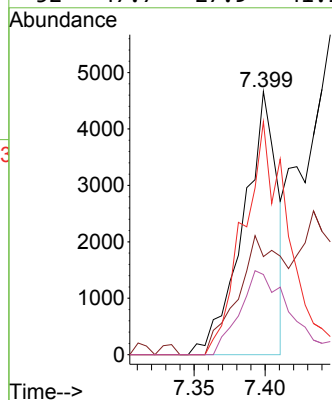
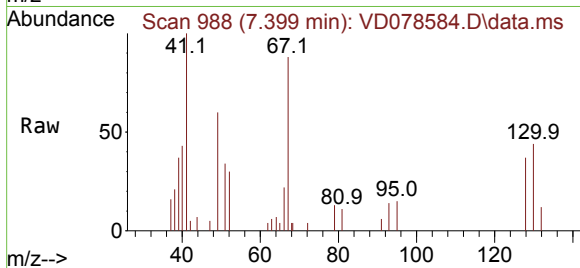




#41
Methacrylonitrile
Concen: 20.568 ug/l
RT: 7.399 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

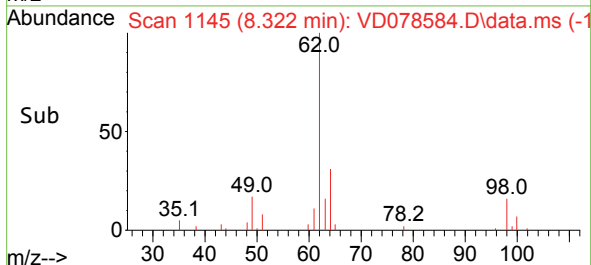
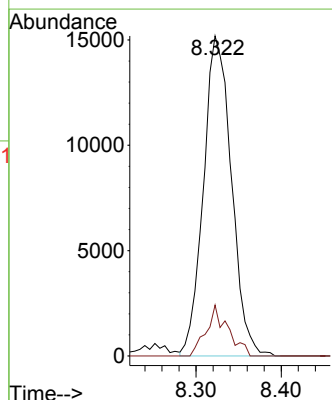
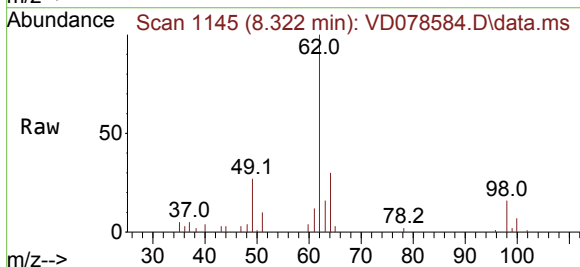
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

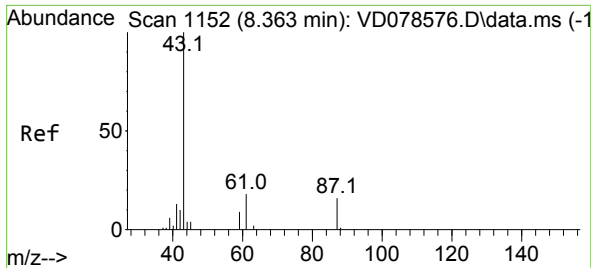
Tgt Ion:	41	Resp:	7727
Ion	Ratio	Lower	Upper
41	100		
39	60.5	34.0	51.0#
67	117.8	77.0	115.4#
52	47.7	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 21.325 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion:	62	Resp:	34688
Ion	Ratio	Lower	Upper
62	100		
98	12.2	0.0	25.4

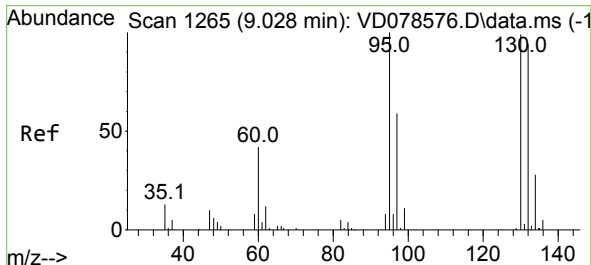
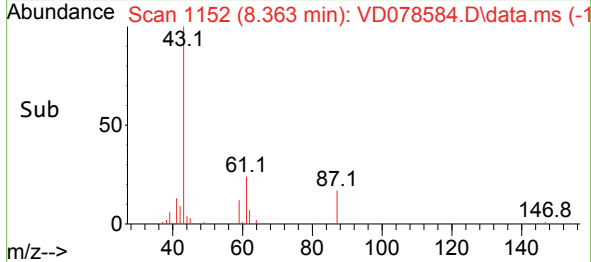
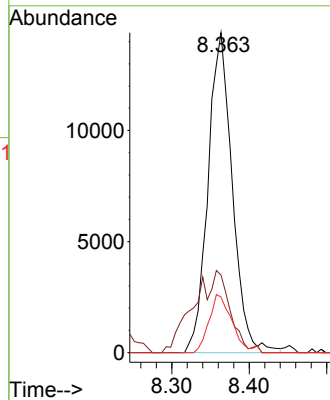
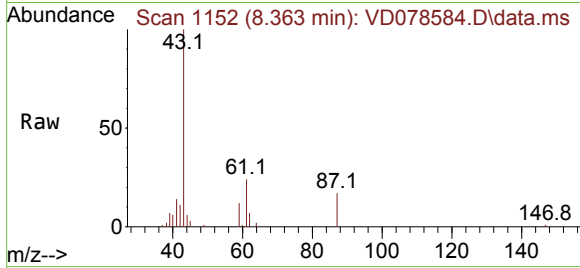




#43
Isopropyl Acetate
Concen: 23.329 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

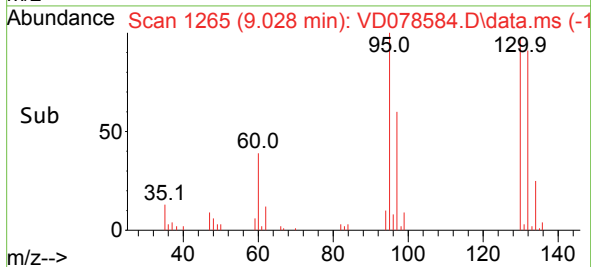
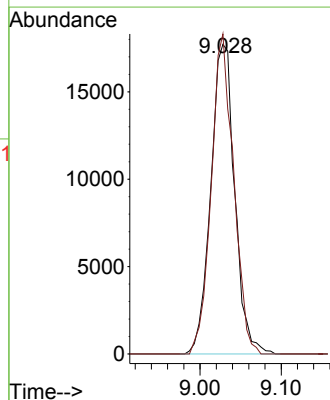
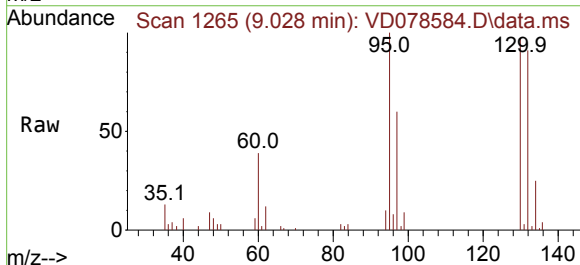
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

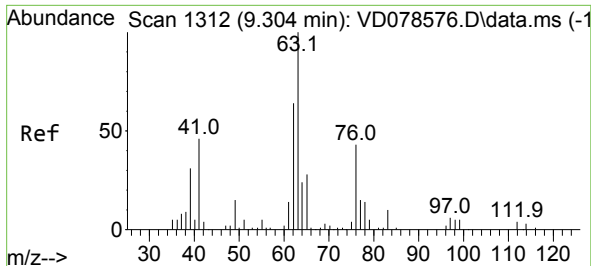
Tgt Ion: 43 Resp: 31349
Ion Ratio Lower Upper
43 100
61 20.3 31.4 47.0#
87 17.2 14.9 22.3



#44
Trichloroethene
Concen: 20.626 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion:130 Resp: 36291
Ion Ratio Lower Upper
130 100
95 103.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.396 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

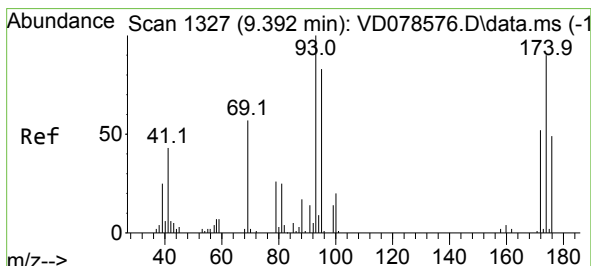
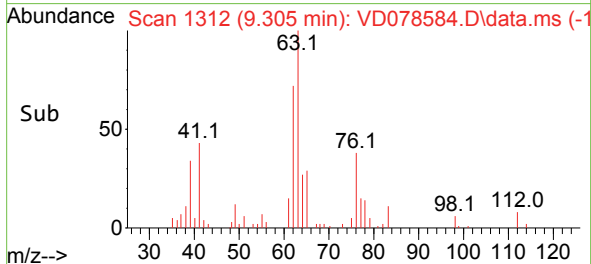
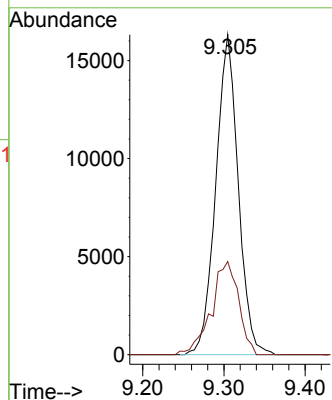
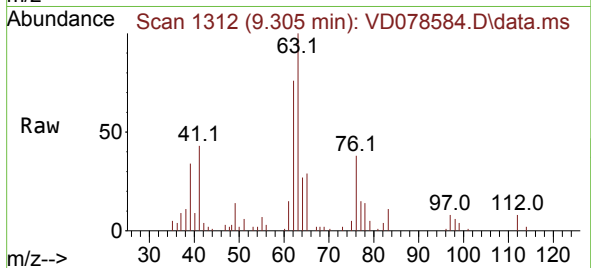
VD0304SBS01

Tgt Ion: 63 Resp: 31415

Ion Ratio Lower Upper

63 100

65 29.1 24.5 36.7



#46

Dibromomethane

Concen: 22.415 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.005 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

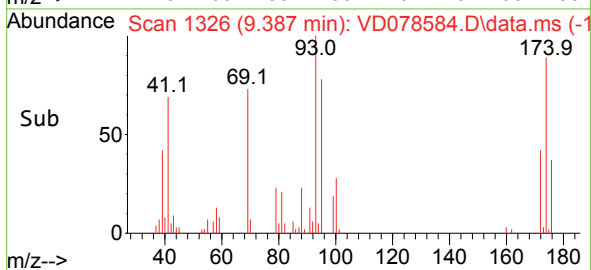
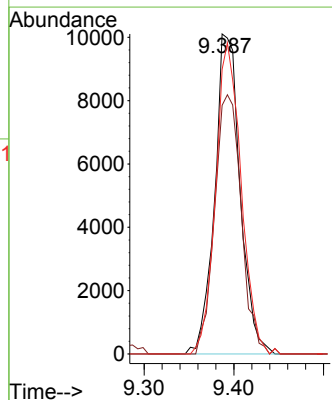
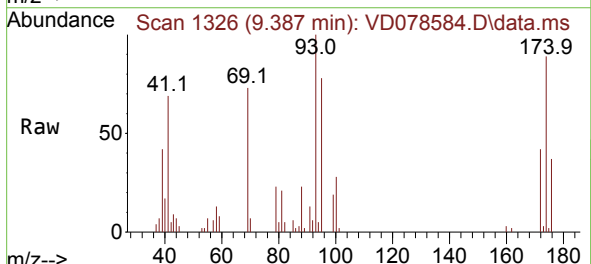
Tgt Ion: 93 Resp: 19903

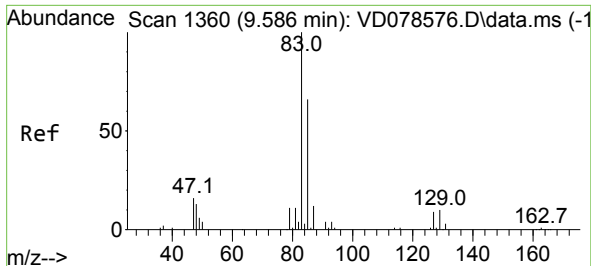
Ion Ratio Lower Upper

93 100

95 84.7 67.7 101.5

174 97.5 85.4 128.2





#47

Bromodichloromethane

Concen: 21.157 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBS01

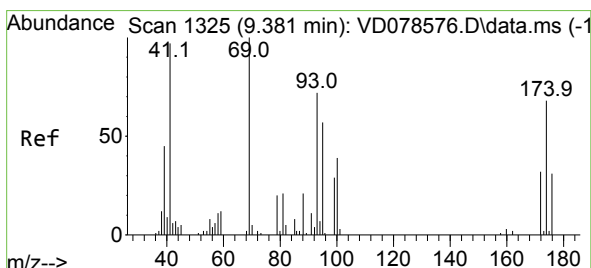
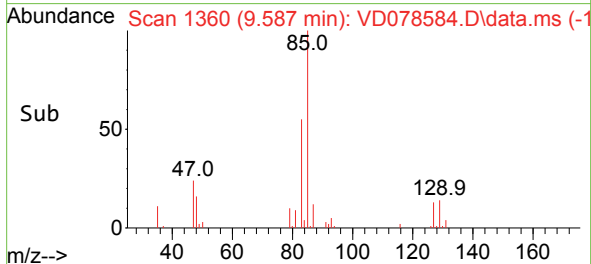
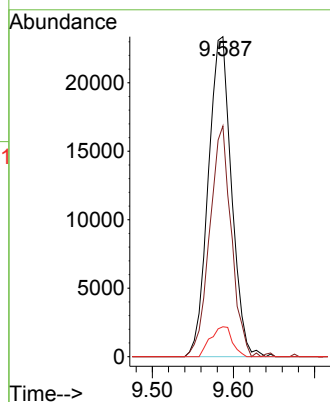
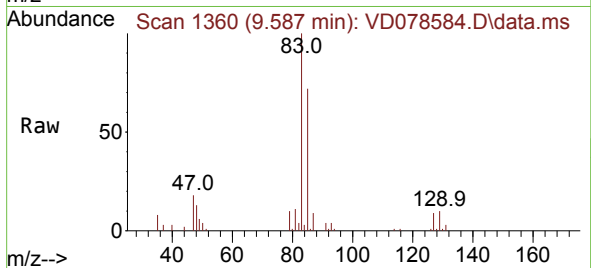
Tgt Ion: 83 Resp: 46321

Ion Ratio Lower Upper

83 100

85 72.1 50.2 75.4

127 9.3 6.3 9.5



#48

Methyl methacrylate

Concen: 23.990 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

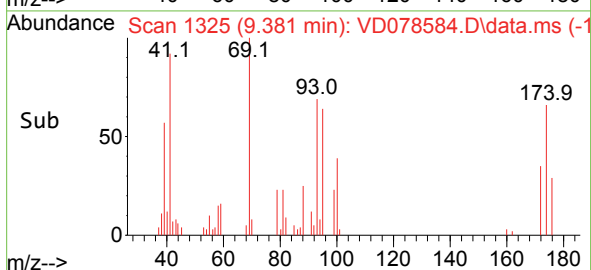
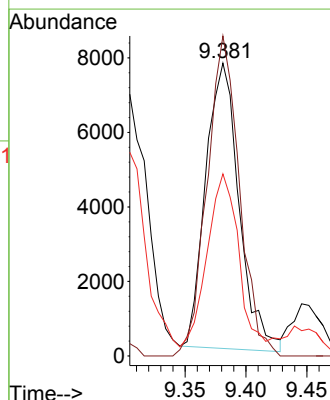
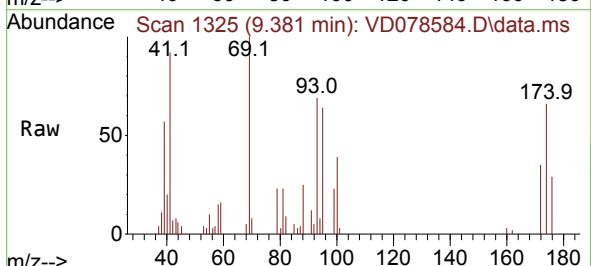
Tgt Ion: 41 Resp: 14603

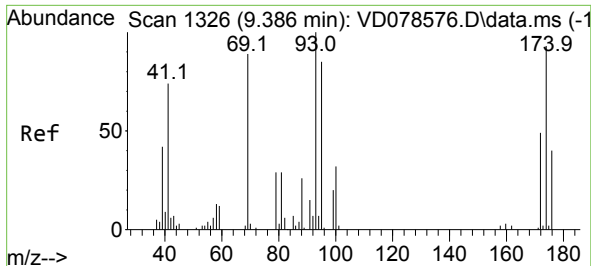
Ion Ratio Lower Upper

41 100

69 108.8 102.2 153.2

39 59.2 41.4 62.2

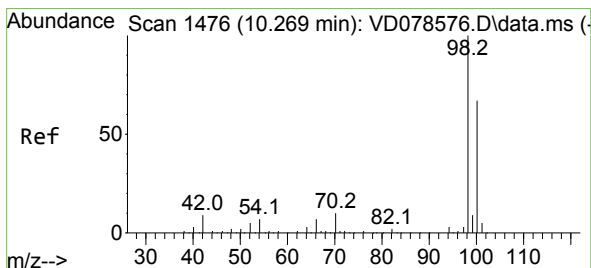
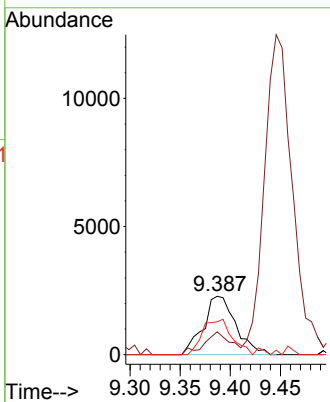
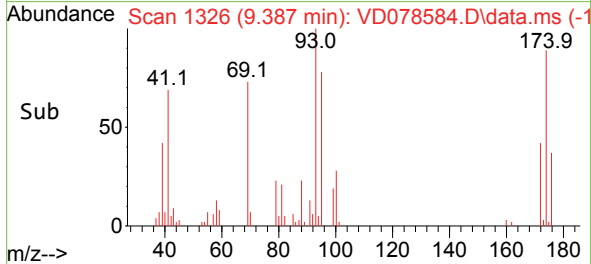
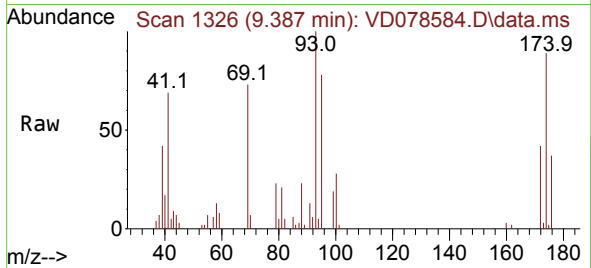




#49
1,4-Dioxane
Concen: 561.412 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.001 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

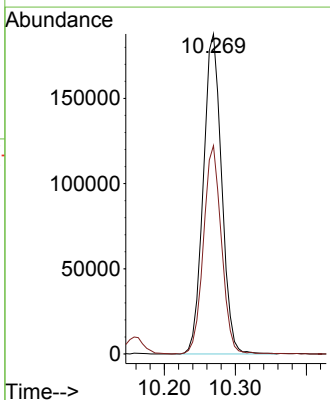
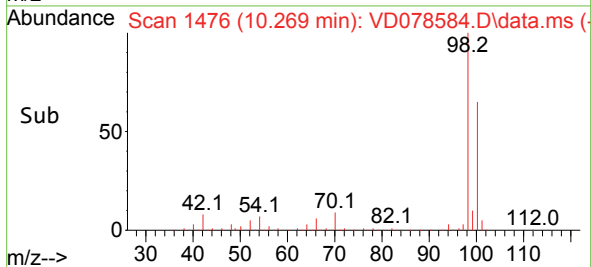
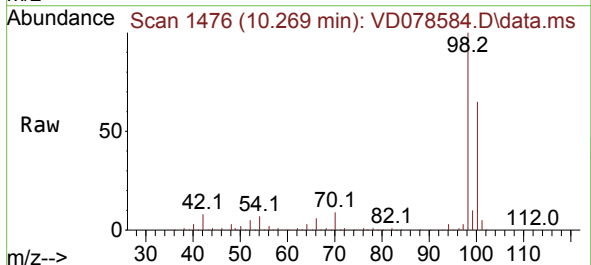
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

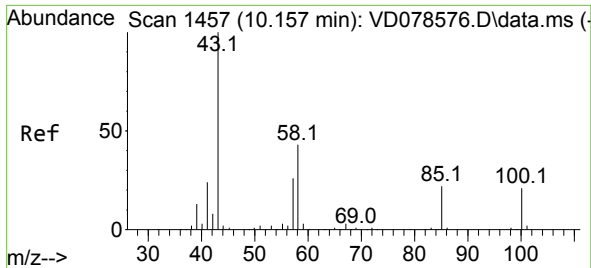
Tgt Ion: 88 Resp: 5126
Ion Ratio Lower Upper
88 100
43 31.8 19.0 28.6#
58 55.0 43.5 65.3



#50
Toluene-d8
Concen: 55.395 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion: 98 Resp: 336497
Ion Ratio Lower Upper
98 100
100 64.1 50.3 75.5

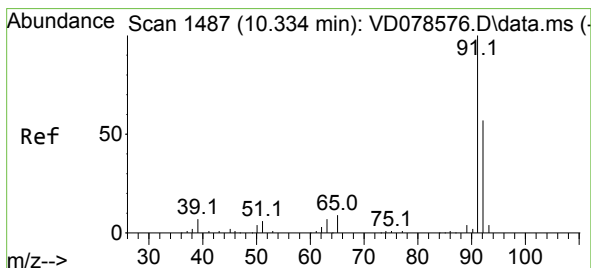
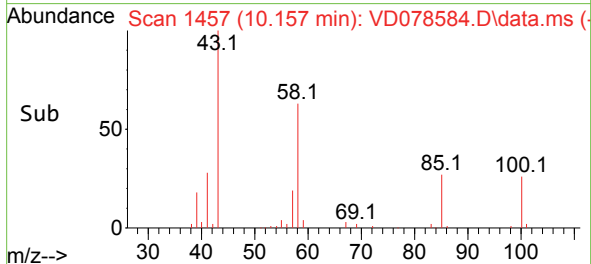
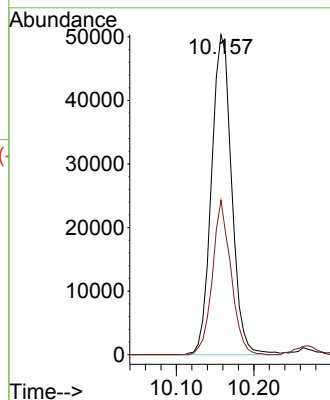
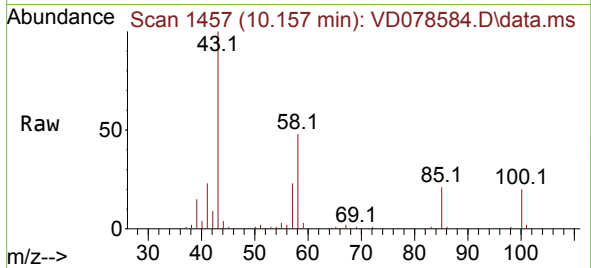




#51
4-Methyl-2-Pentanone
Concen: 131.445 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

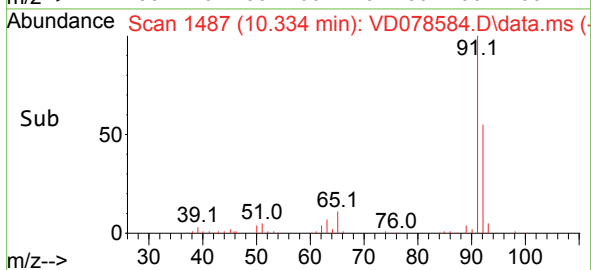
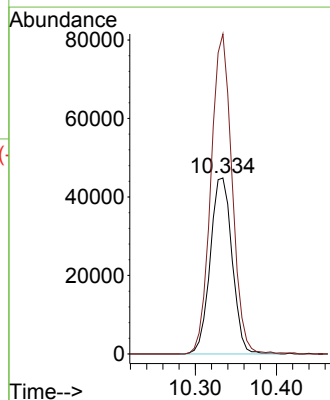
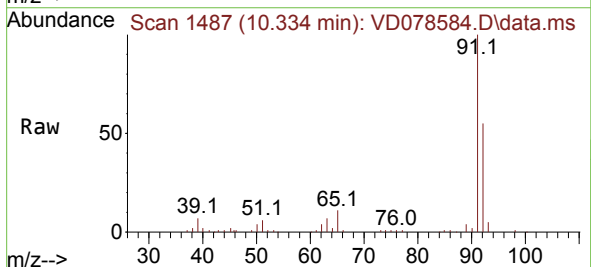
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

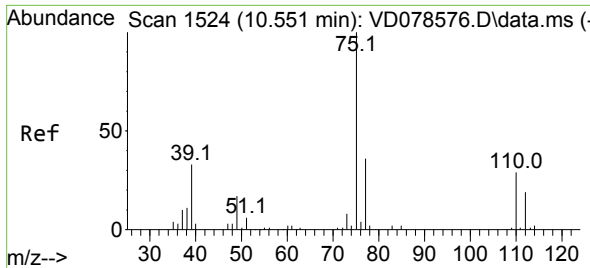
Tgt Ion: 43 Resp: 91168
Ion Ratio Lower Upper
43 100
58 44.3 38.9 58.3



#52
Toluene
Concen: 20.389 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion: 92 Resp: 83884
Ion Ratio Lower Upper
92 100
91 175.7 143.0 214.4

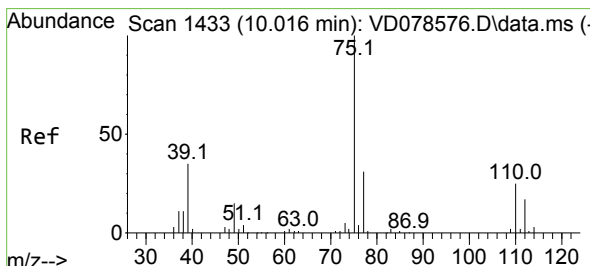
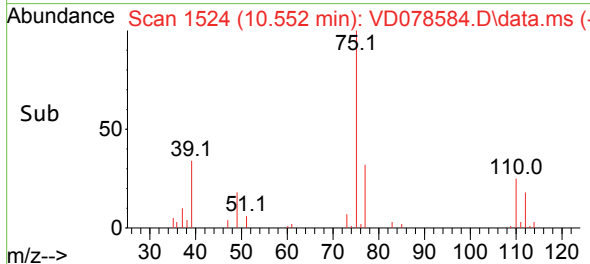
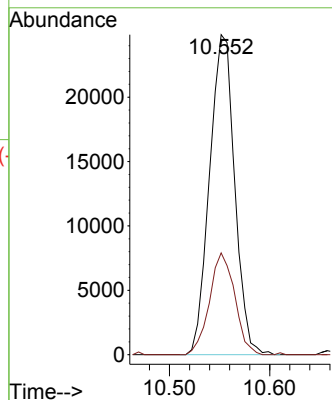
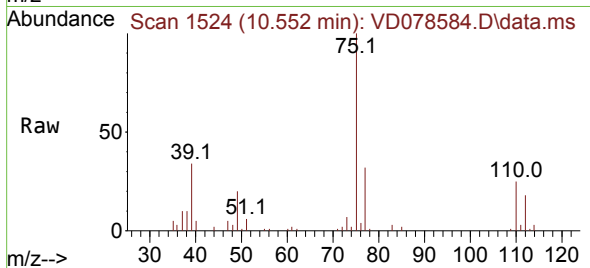




#53
t-1,3-Dichloropropene
Concen: 21.328 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

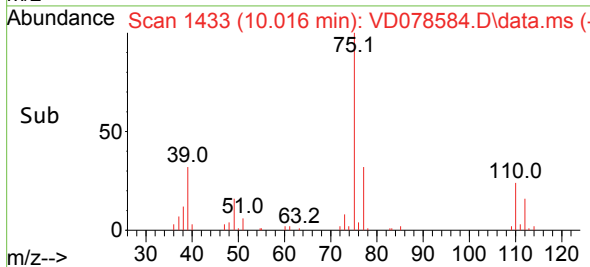
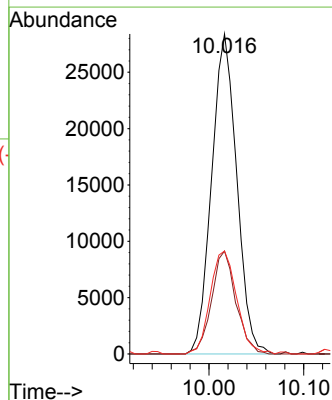
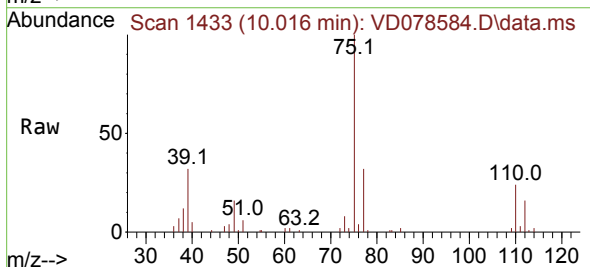
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

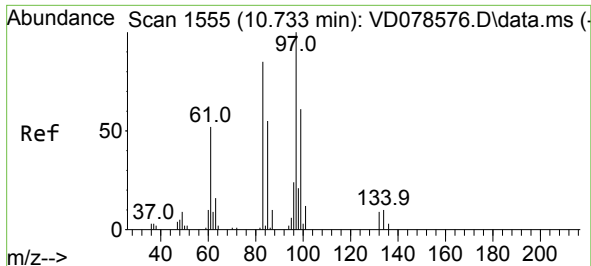
Tgt Ion: 75 Resp: 43199
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 21.564 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion: 75 Resp: 52295
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
39 32.1 22.1 33.1

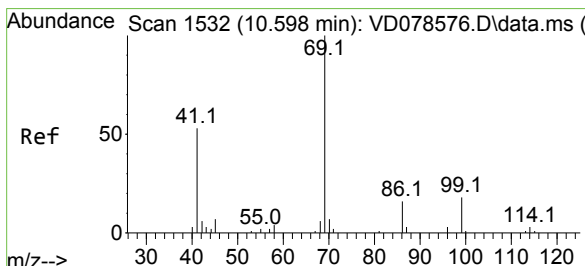
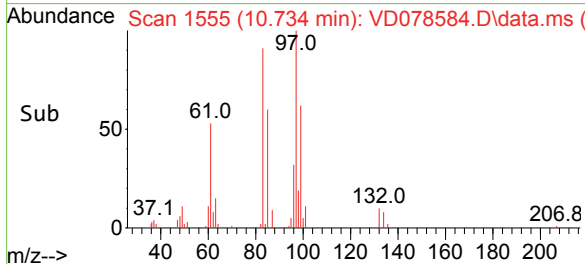
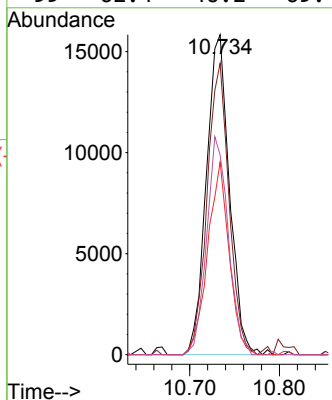
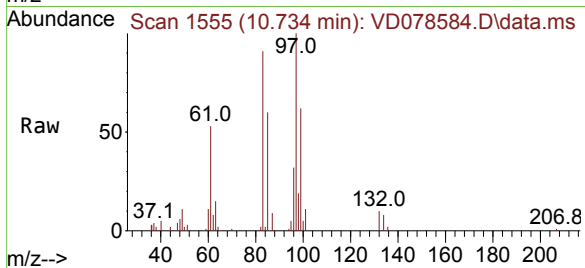




#55
1,1,2-Trichloroethane
Concen: 22.643 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

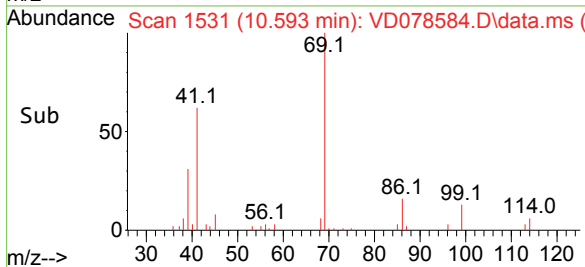
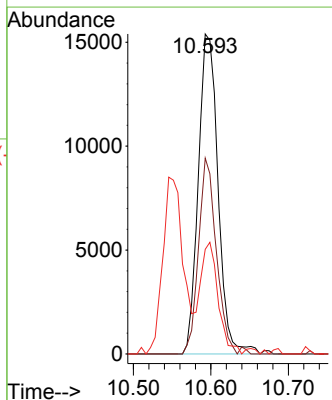
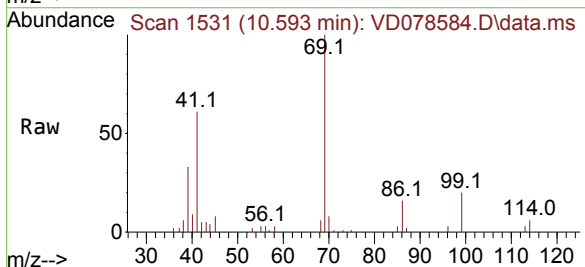
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

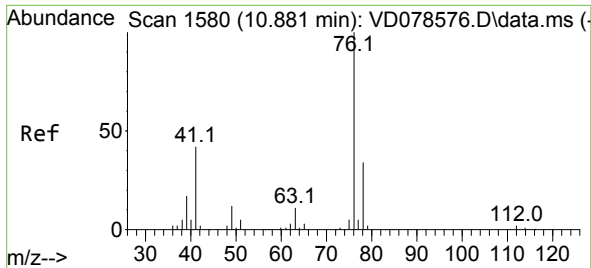
Tgt Ion:	97	Resp:	28310
Ion	Ratio	Lower	Upper
97	100		
83	91.0	65.8	98.6
85	60.2	45.7	68.5
99	62.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 21.804 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.005 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion:	69	Resp:	27323
Ion	Ratio	Lower	Upper
69	100		
41	55.0	39.1	58.7
39	32.4	20.0	30.0

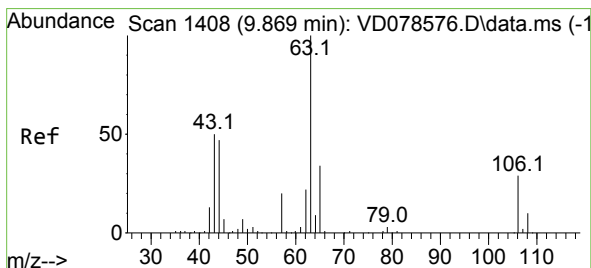
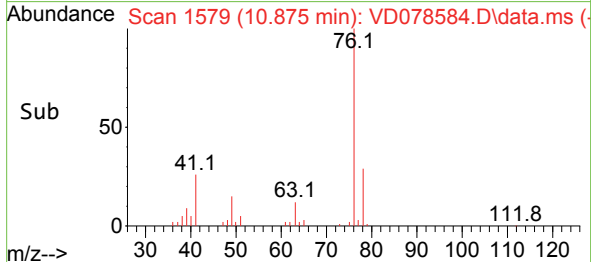
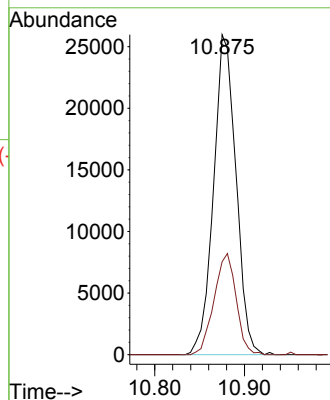
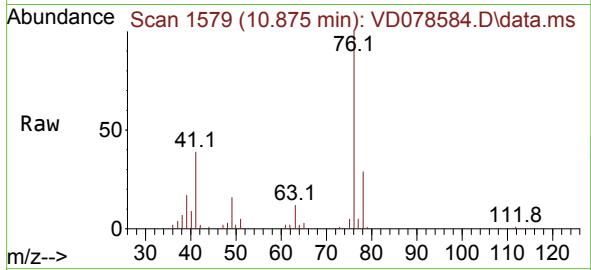




#57
1,3-Dichloropropane
Concen: 22.252 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. -0.005 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

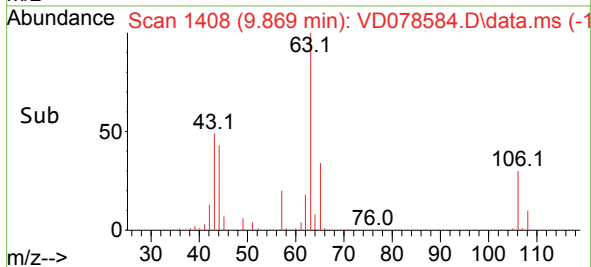
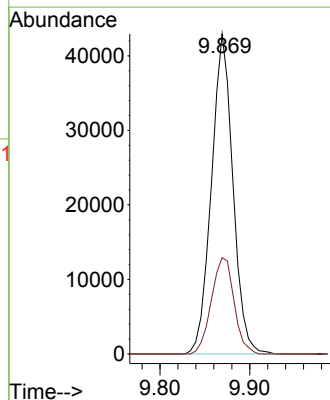
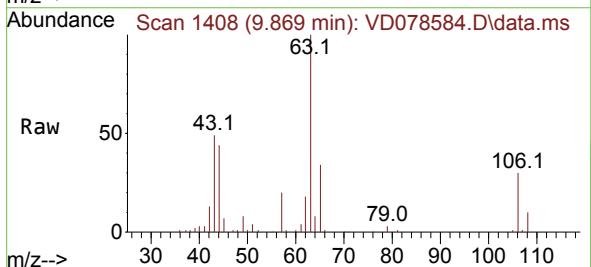
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

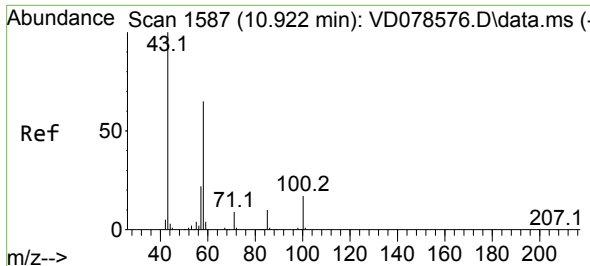
Tgt Ion: 76 Resp: 45085
Ion Ratio Lower Upper
76 100
78 31.1 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 141.300 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

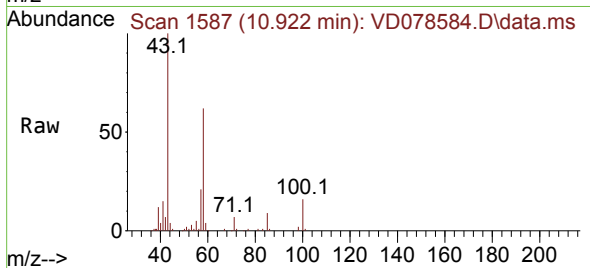
Tgt Ion: 63 Resp: 71321
Ion Ratio Lower Upper
63 100
106 31.7 25.3 37.9



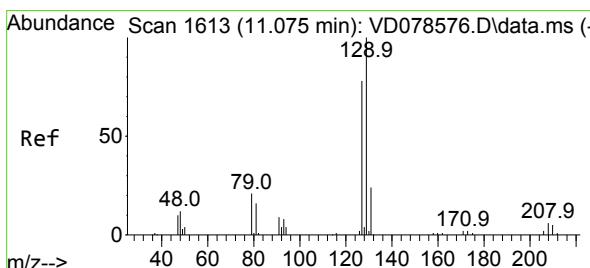
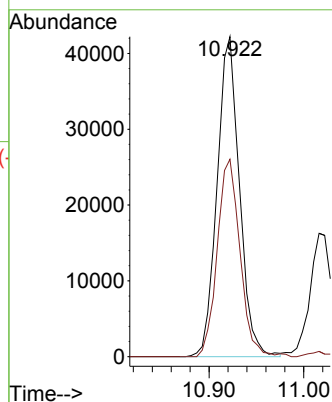
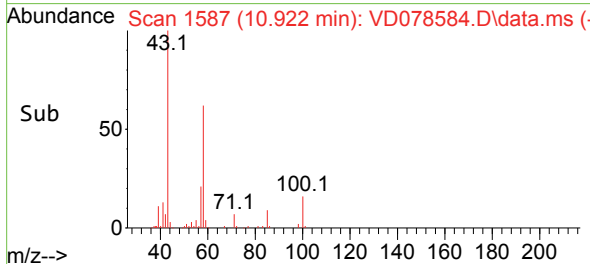


#59
2-Hexanone
Concen: 134.790 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

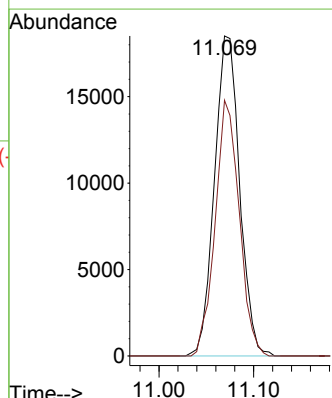
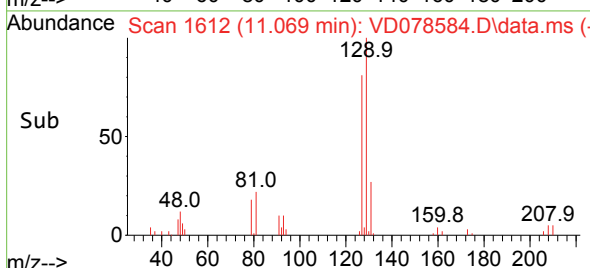
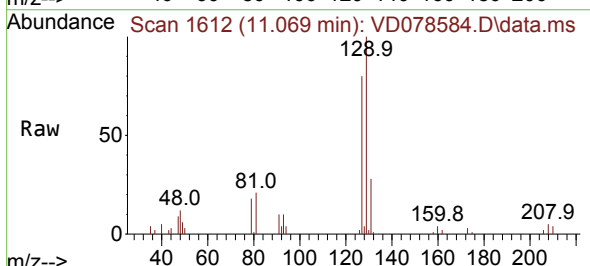


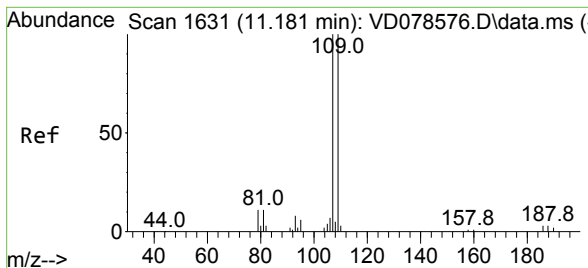
Tgt Ion: 43 Resp: 69342
Ion Ratio Lower Upper
43 100
58 62.8 34.1 102.2



#60
Dibromochloromethane
Concen: 22.678 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.005 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion: 129 Resp: 34237
Ion Ratio Lower Upper
129 100
127 76.5 37.1 111.5





#61

1,2-Dibromoethane

Concen: 23.191 ug/l

RT: 11.175 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

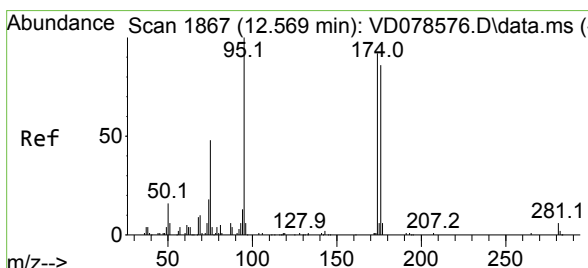
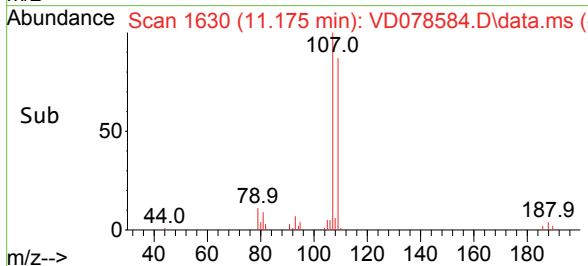
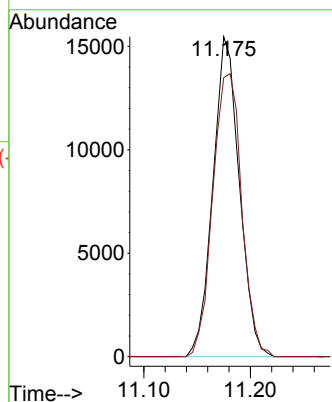
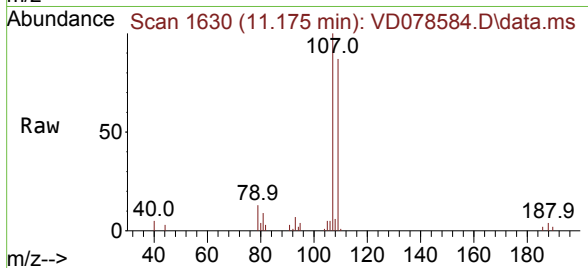
VD0304SBS01

Tgt Ion:107 Resp: 26611

Ion Ratio Lower Upper

107 100

109 96.8 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 57.800 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

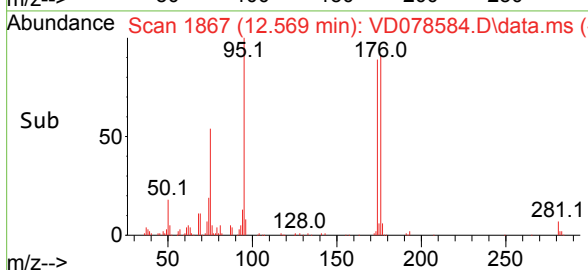
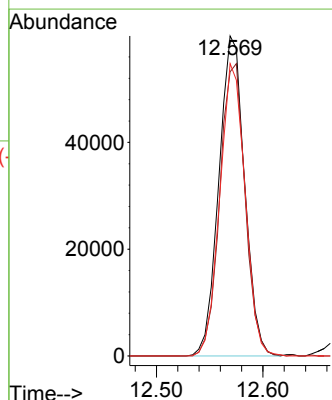
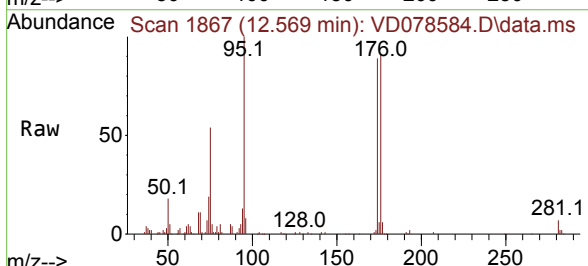
Tgt Ion: 95 Resp: 100282

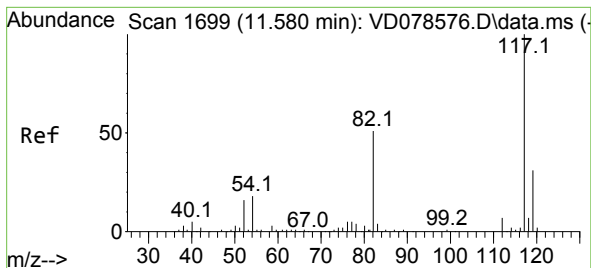
Ion Ratio Lower Upper

95 100

174 90.1 0.0 201.8

176 89.6 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBS01

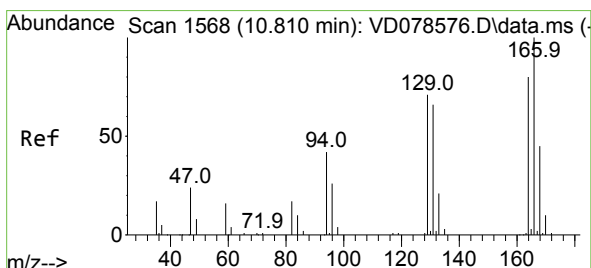
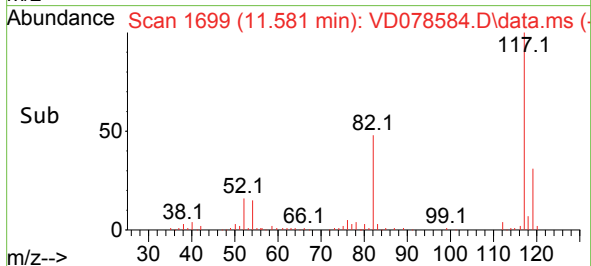
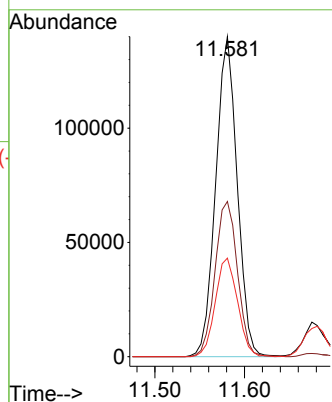
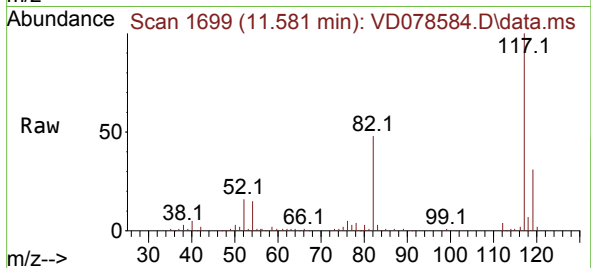
Tgt Ion:117 Resp: 233217

Ion Ratio Lower Upper

117 100

82 48.5 38.3 57.5

119 30.8 25.0 37.4



#64

Tetrachloroethene

Concen: 20.624 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Tgt Ion:164 Resp: 30264

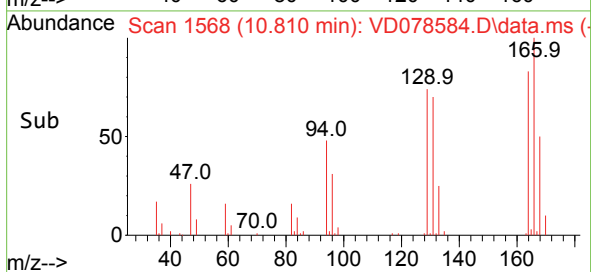
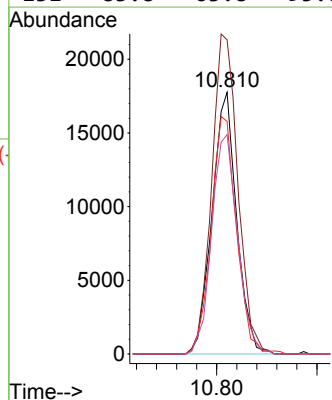
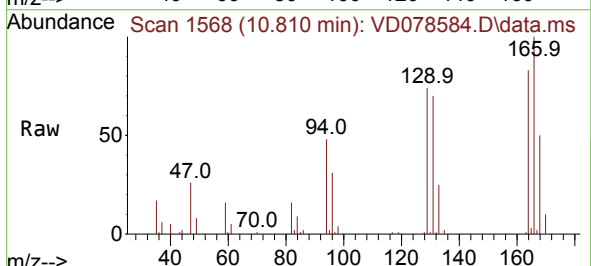
Ion Ratio Lower Upper

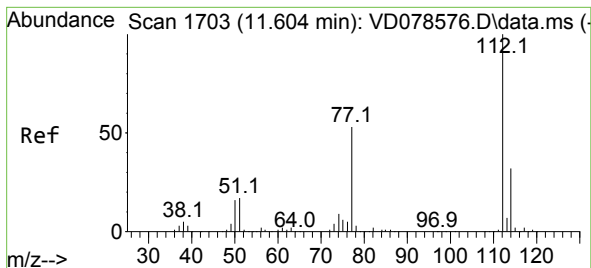
164 100

166 120.0 99.2 148.8

129 88.8 68.4 102.6

131 83.8 63.8 95.8





#65

Chlorobenzene

Concen: 20.304 ug/l

RT: 11.604 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

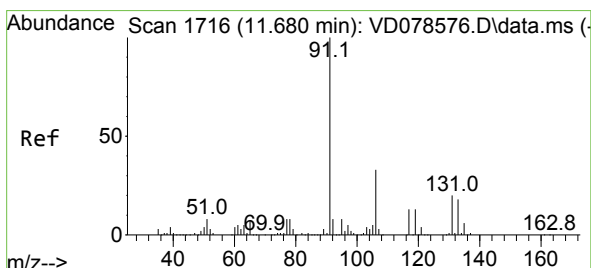
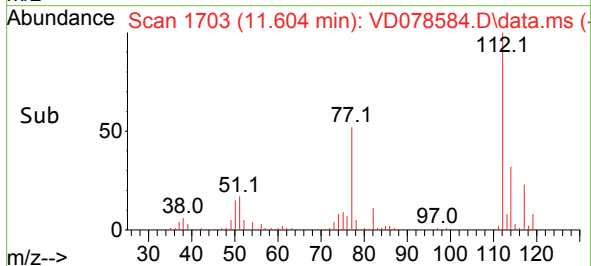
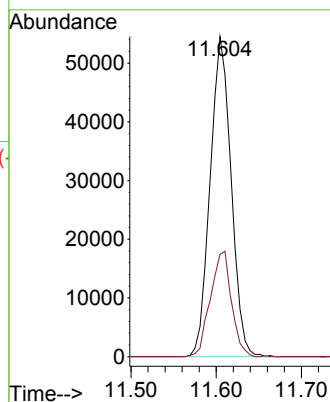
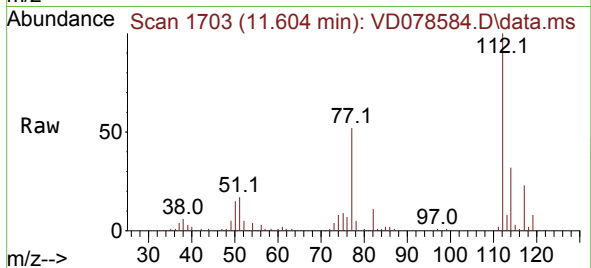
VD0304SBS01

Tgt Ion:112 Resp: 93248

Ion Ratio Lower Upper

112 100

114 32.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.066 ug/l

RT: 11.675 min Scan# 1715

Delta R.T. -0.005 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

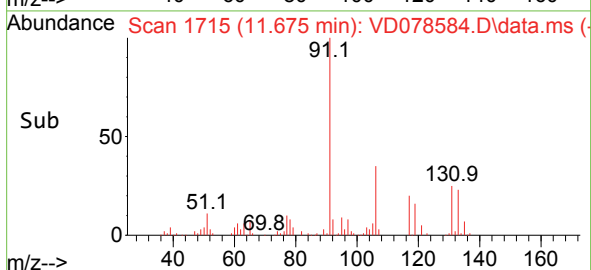
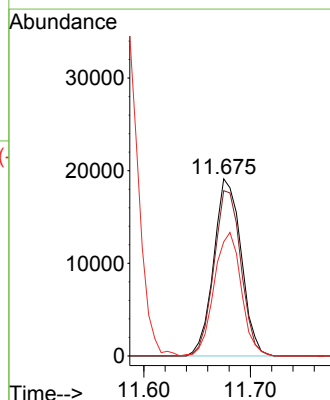
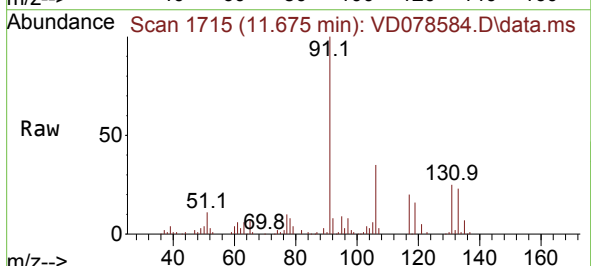
Tgt Ion:131 Resp: 34307

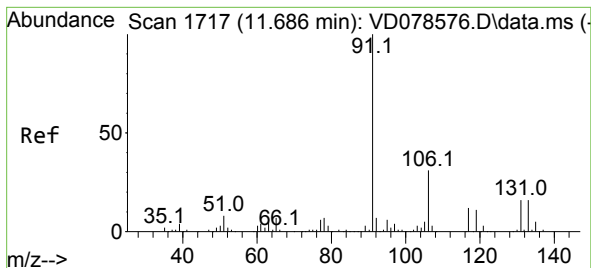
Ion Ratio Lower Upper

131 100

133 91.5 48.5 145.5

119 68.9 35.6 106.9





#67

Ethyl Benzene

Concen: 19.717 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.005 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

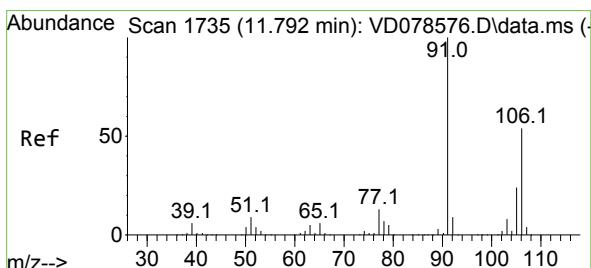
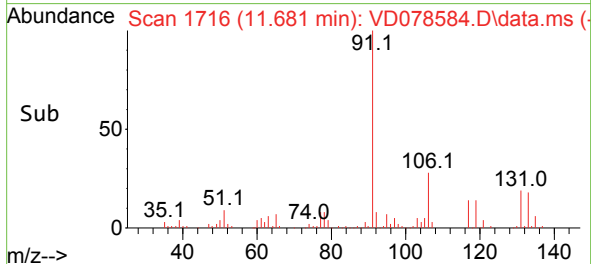
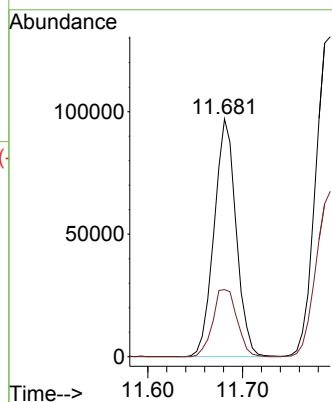
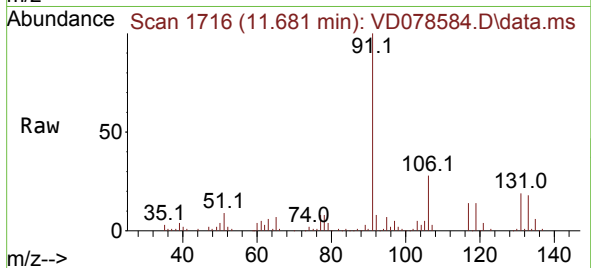
VD0304SBS01

Tgt Ion: 91 Resp: 156901

Ion Ratio Lower Upper

91 100

106 28.2 26.5 39.7



#68

m/p-Xylenes

Concen: 39.138 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078584.D

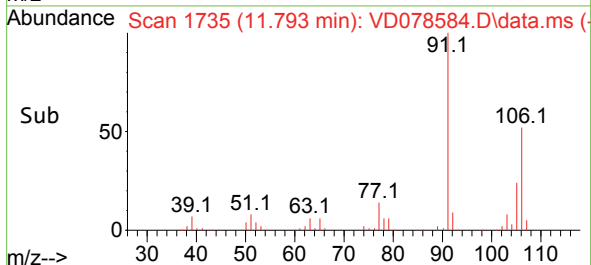
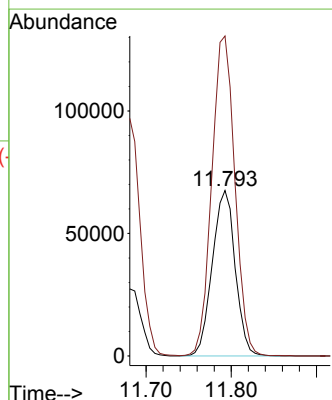
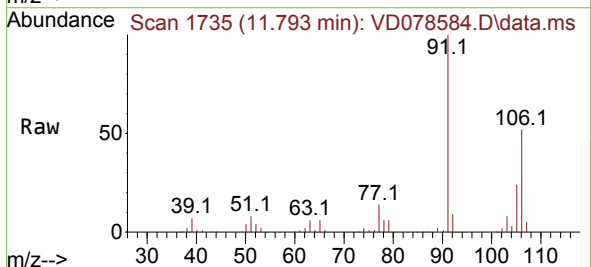
Acq: 04 Mar 2024 12:24

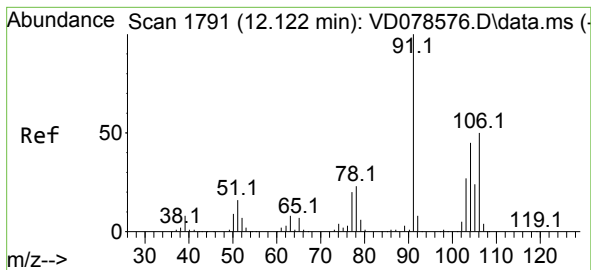
Tgt Ion:106 Resp: 125998

Ion Ratio Lower Upper

106 100

91 195.4 147.0 220.6

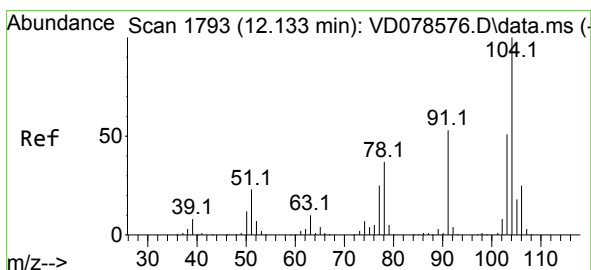
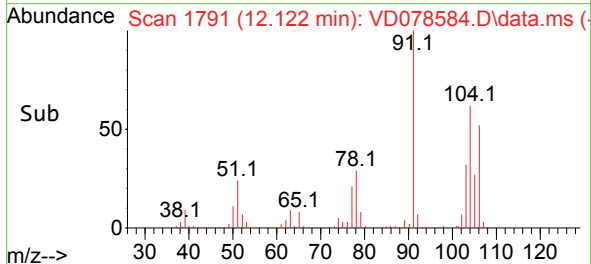
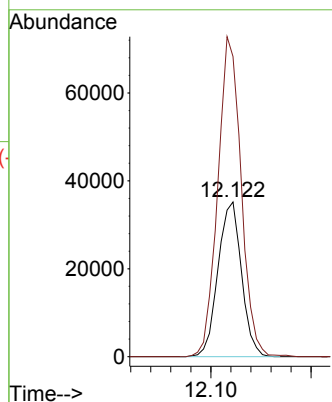
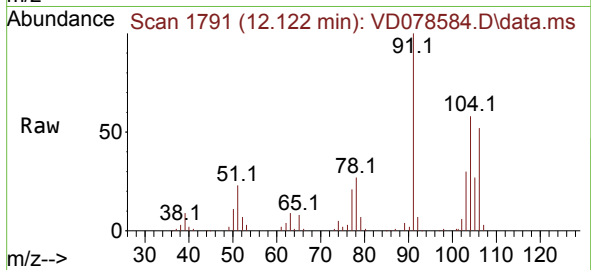




#69
o-Xylene
Concen: 19.587 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

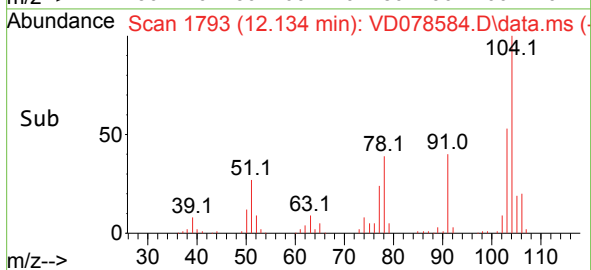
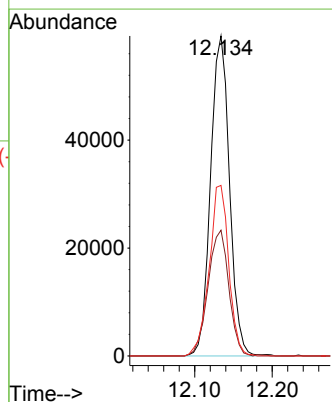
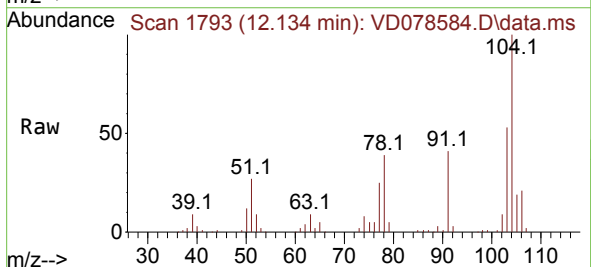
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

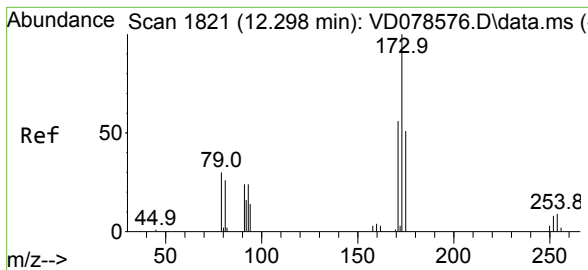
Tgt Ion:106 Resp: 57205
Ion Ratio Lower Upper
106 100
91 206.0 97.9 293.6



#70
Styrene
Concen: 19.875 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion:104 Resp: 100612
Ion Ratio Lower Upper
104 100
78 43.2 33.2 49.8
103 55.1 43.6 65.4

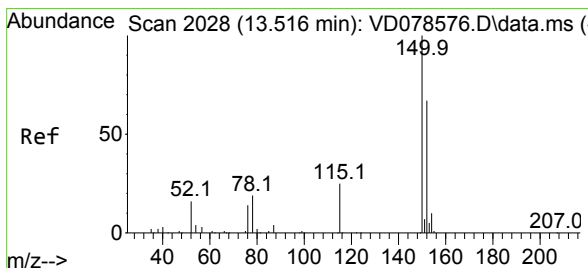
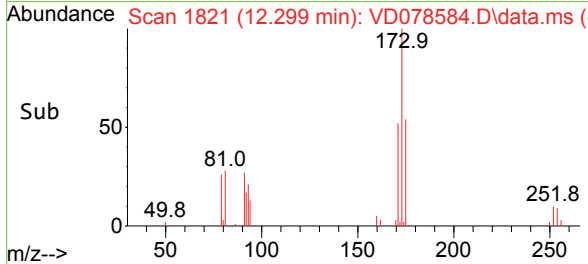
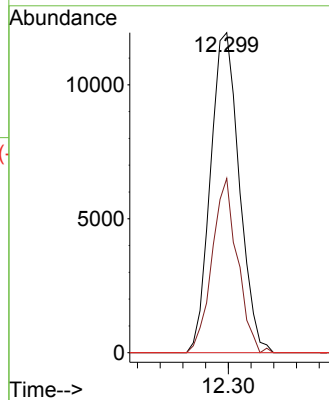
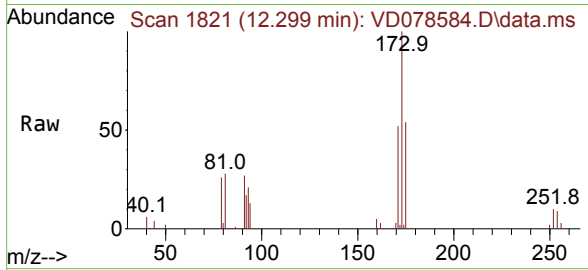




#71
Bromoform
Concen: 23.118 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

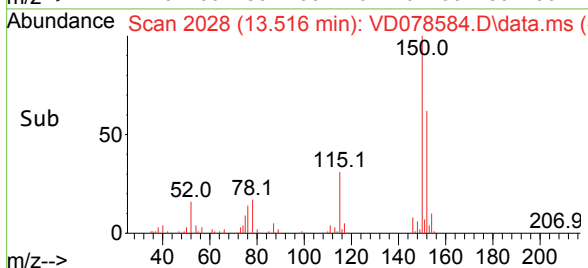
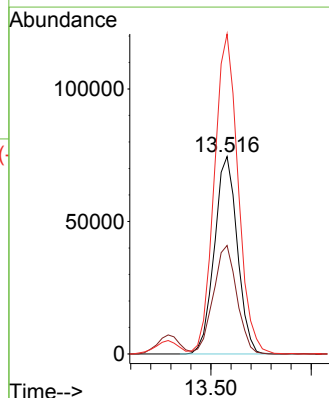
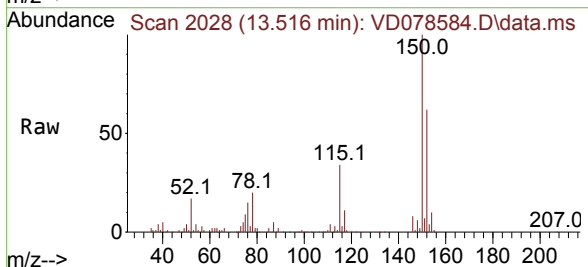
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

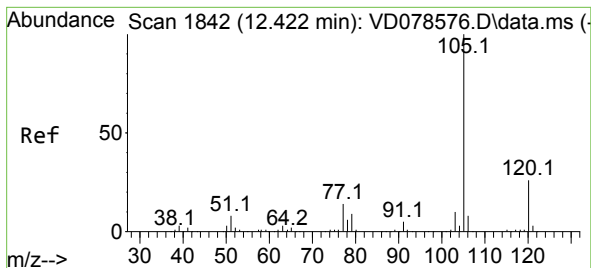
Tgt Ion:173 Resp: 21027
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion:152 Resp: 118054
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 168.5 0.0 353.6





#73

Isopropylbenzene

Concen: 19.968 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. -0.005 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

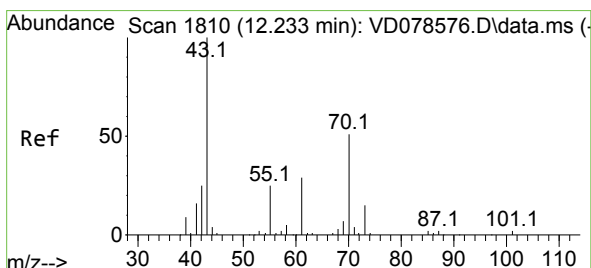
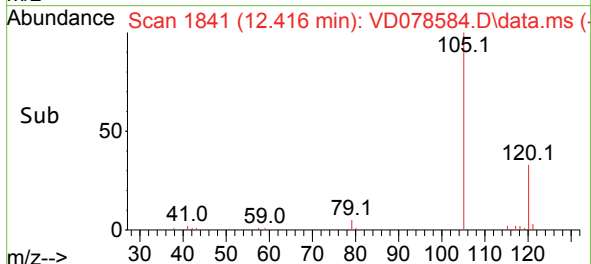
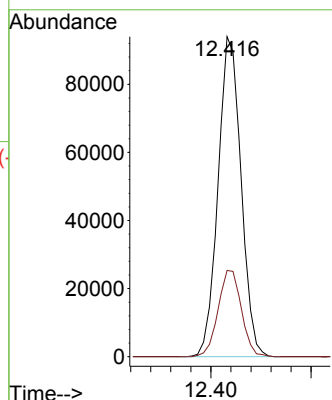
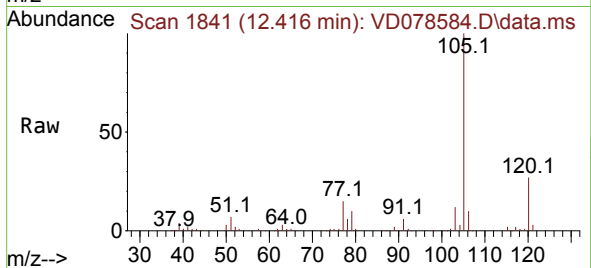
VD0304SBS01

Tgt Ion:105 Resp: 149429

Ion Ratio Lower Upper

105 100

120 27.3 14.3 42.9



#74

N-ethyl acetate

Concen: 23.713 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Tgt Ion: 43 Resp: 29868

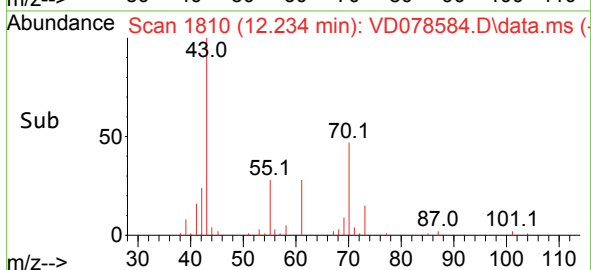
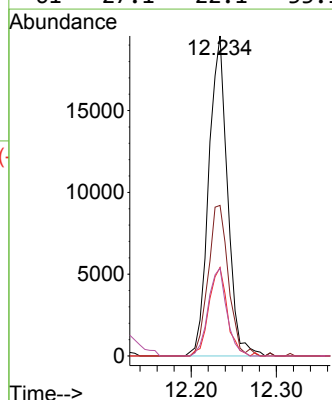
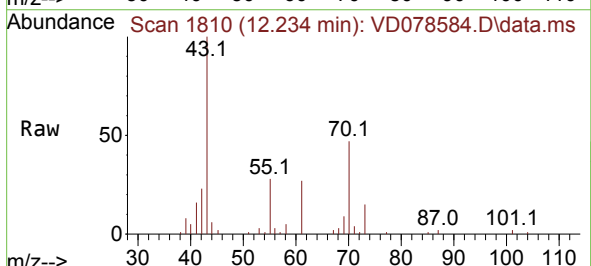
Ion Ratio Lower Upper

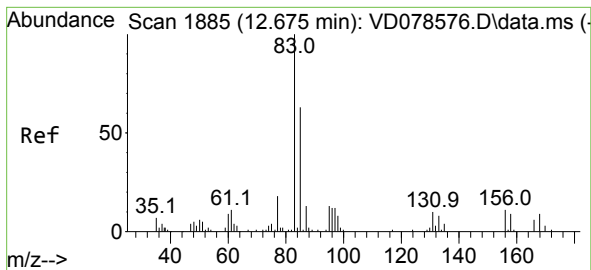
43 100

70 50.9 45.0 67.4

55 27.0 23.8 35.6

61 27.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.794 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.005 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBS01

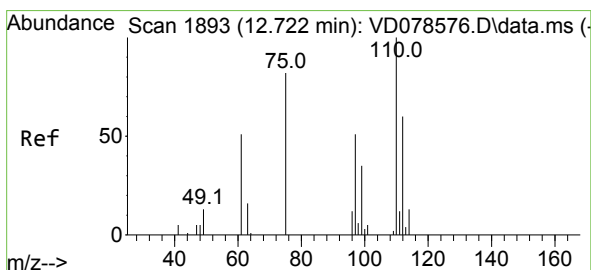
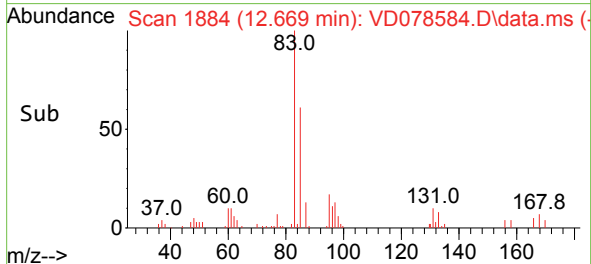
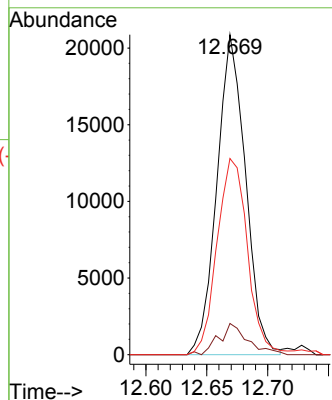
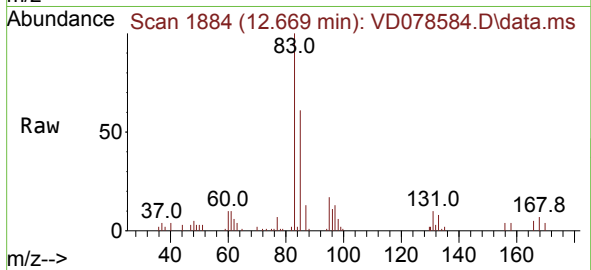
Tgt Ion: 83 Resp: 34111

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.3

85 65.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 42.633 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD078584.D

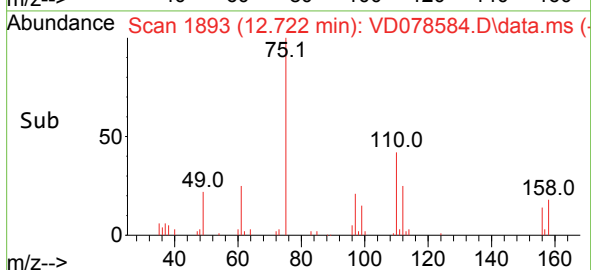
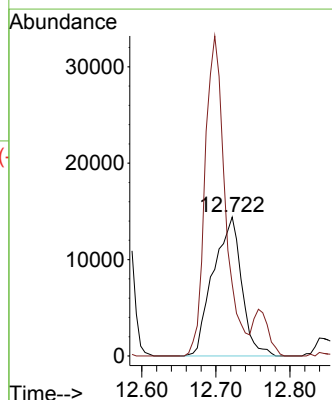
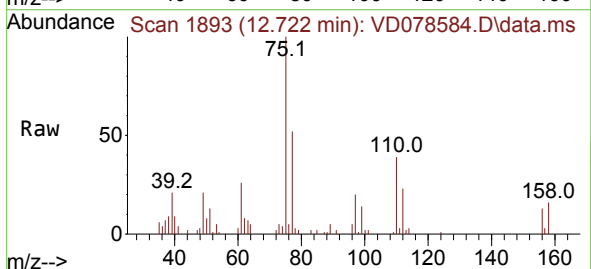
Acq: 04 Mar 2024 12:24

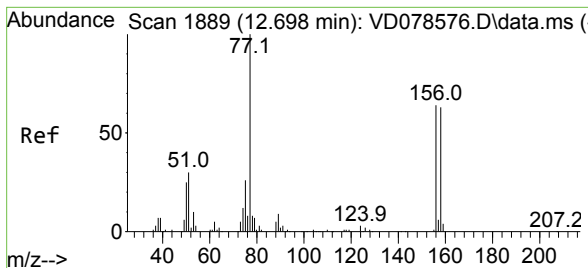
Tgt Ion: 75 Resp: 38439

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

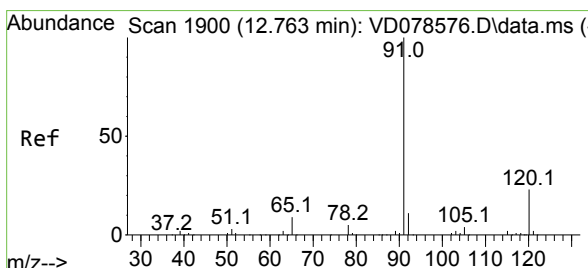
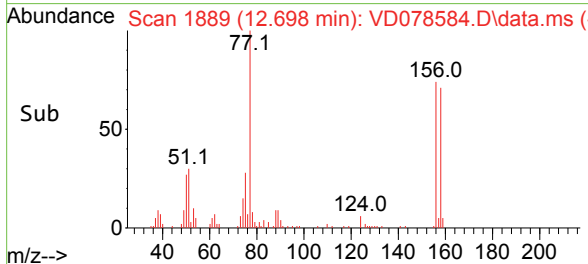
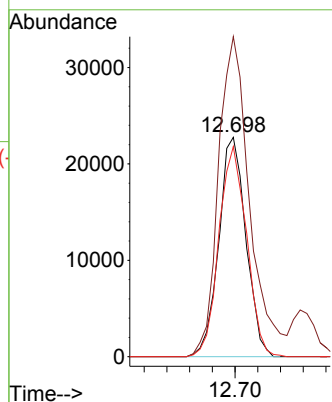
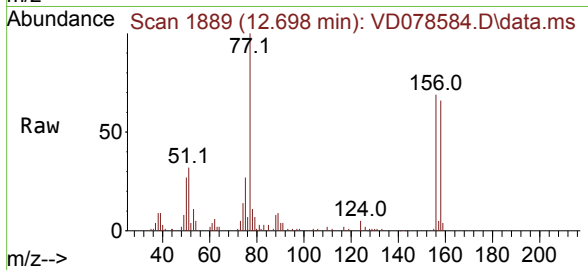




#77
Bromobenzene
Concen: 20.806 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

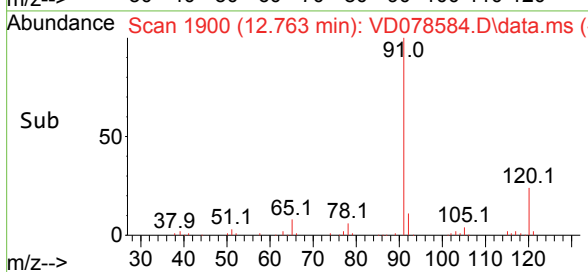
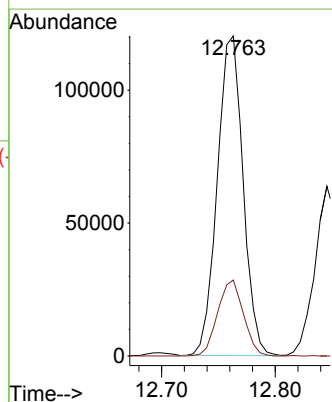
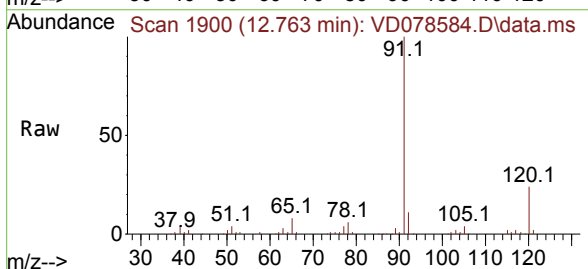
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

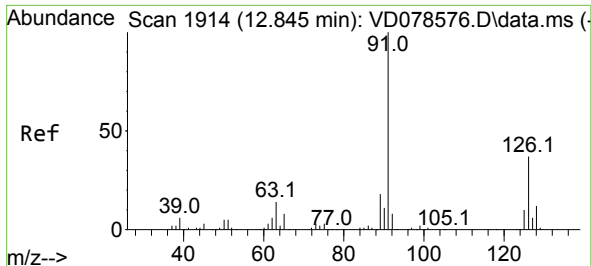
Tgt Ion:156 Resp: 37655
Ion Ratio Lower Upper
156 100
77 168.1 76.8 230.4
158 98.0 48.6 145.9



#78
n-propylbenzene
Concen: 20.717 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion: 91 Resp: 189636
Ion Ratio Lower Upper
91 100
120 23.7 12.4 37.2

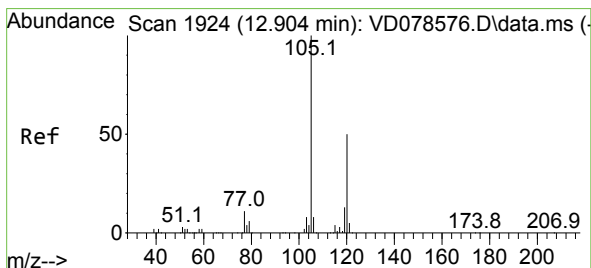
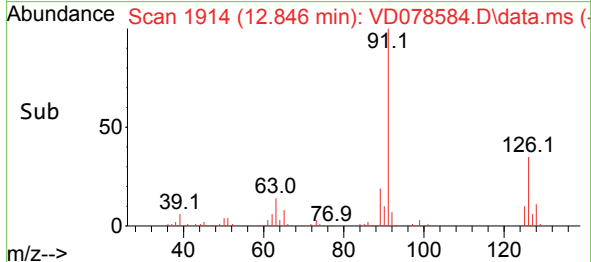
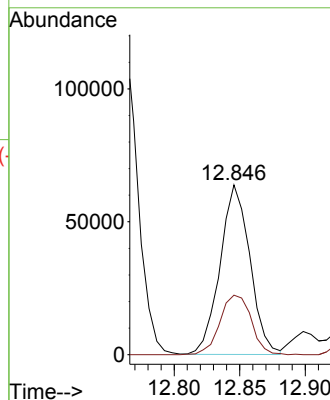
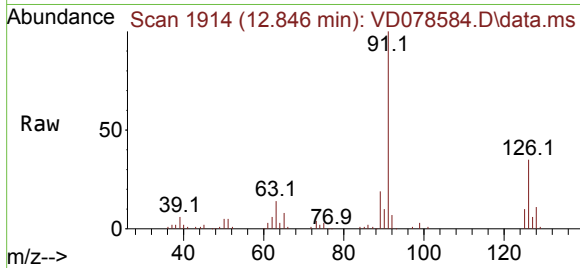




#79
2-Chlorotoluene
Concen: 20.599 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

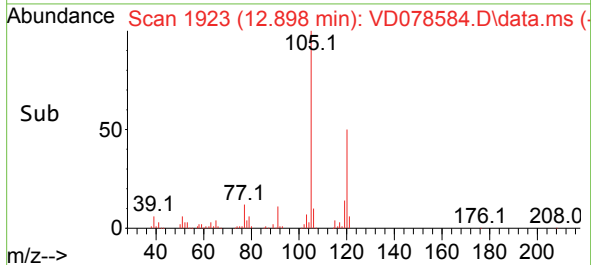
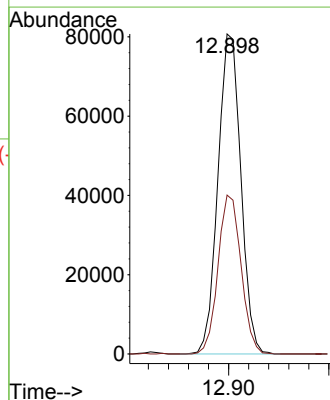
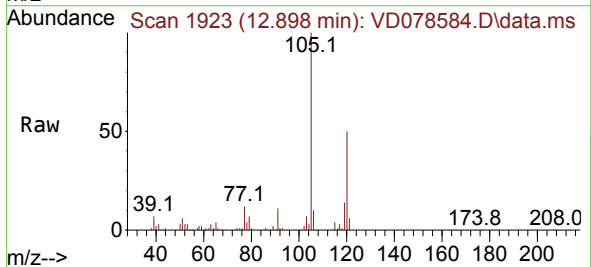
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

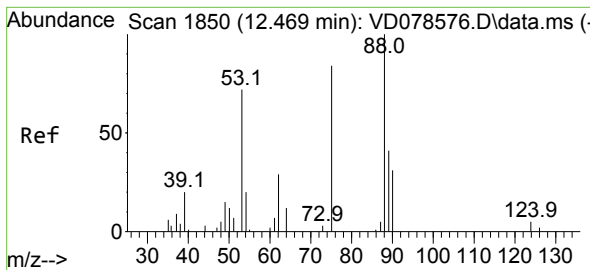
Tgt Ion: 91 Resp: 101181
Ion Ratio Lower Upper
91 100
126 36.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 21.020 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.005 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion: 105 Resp: 128002
Ion Ratio Lower Upper
105 100
120 49.9 26.4 79.2

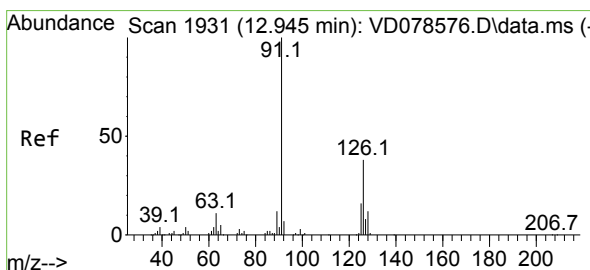
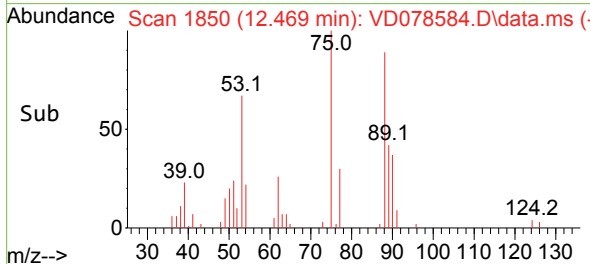
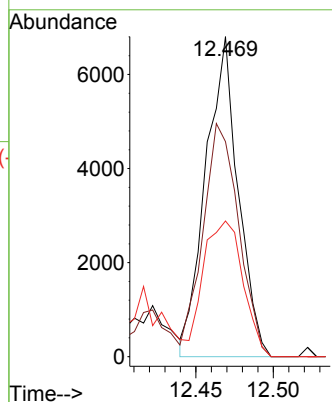
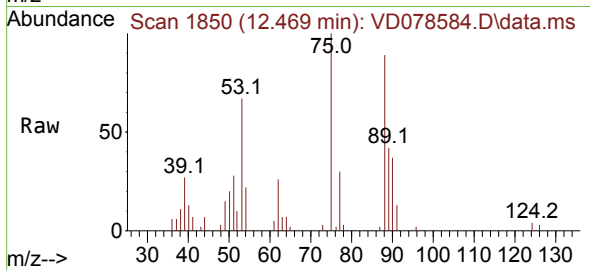




#81
trans-1,4-Dichloro-2-butene
Concen: 23.481 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

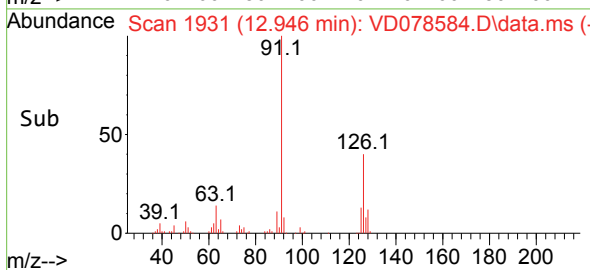
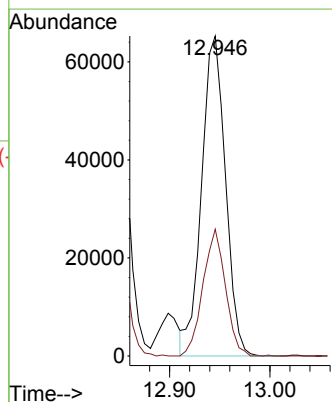
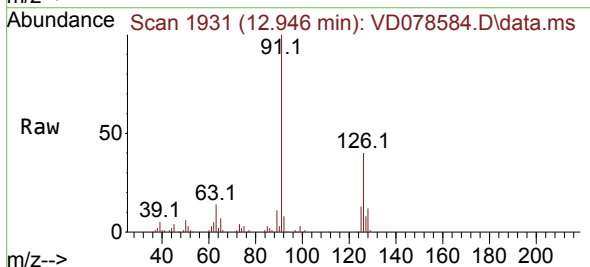
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

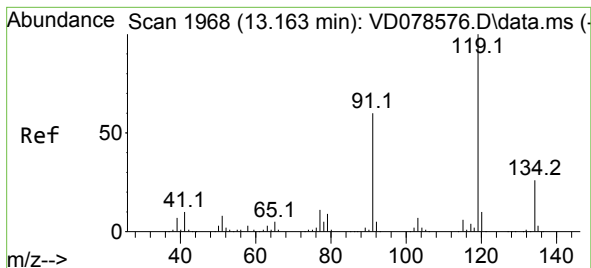
Tgt Ion:	75	Resp:	9891
Ion	Ratio	Lower	Upper
75	100		
53	80.4	63.0	94.4
89	51.1	37.9	56.9



#82
4-Chlorotoluene
Concen: 20.659 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion:	91	Resp:	108149
Ion	Ratio	Lower	Upper
91	100		
126	37.4	19.4	58.4





#83

tert-Butylbenzene

Concen: 20.475 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBS01

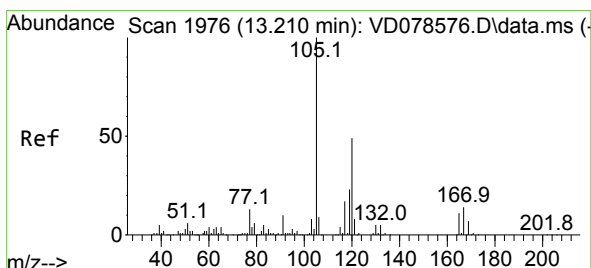
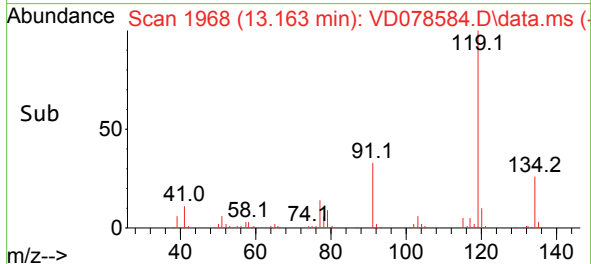
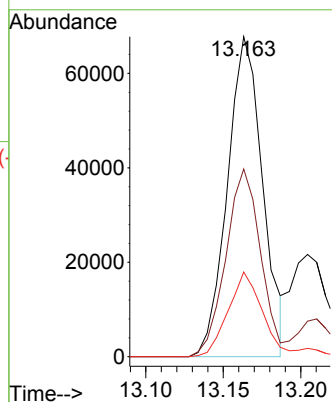
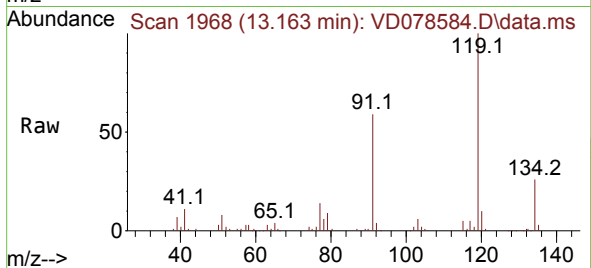
Tgt Ion:119 Resp: 107355

Ion Ratio Lower Upper

119 100

91 58.6 29.3 87.8

134 25.9 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 20.740 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078584.D

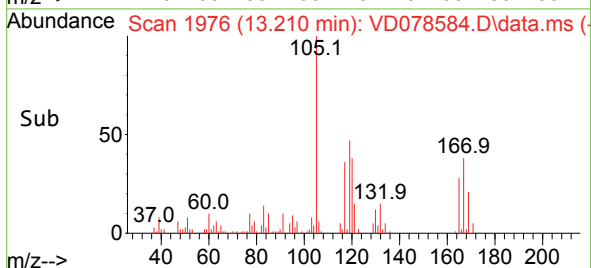
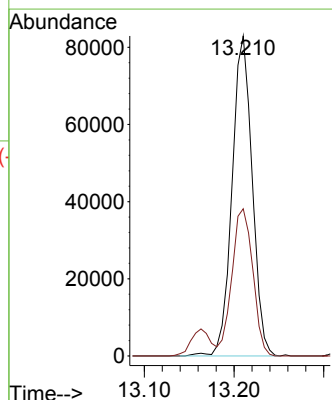
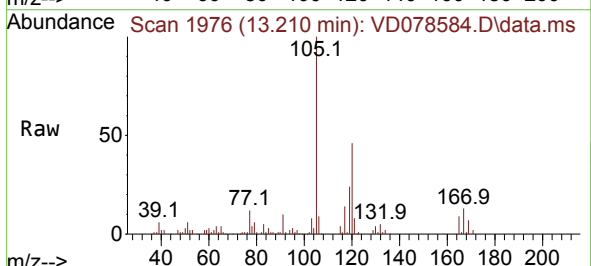
Acq: 04 Mar 2024 12:24

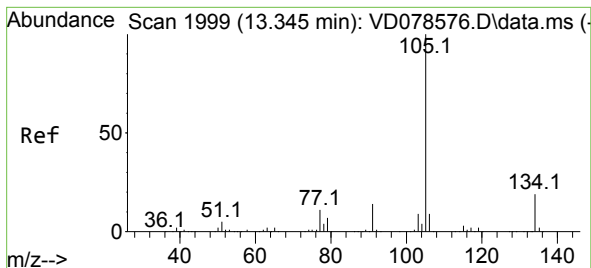
Tgt Ion:105 Resp: 129089

Ion Ratio Lower Upper

105 100

120 47.7 24.3 72.9





#85

sec-Butylbenzene

Concen: 20.706 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

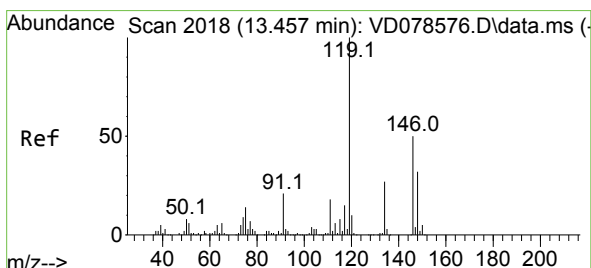
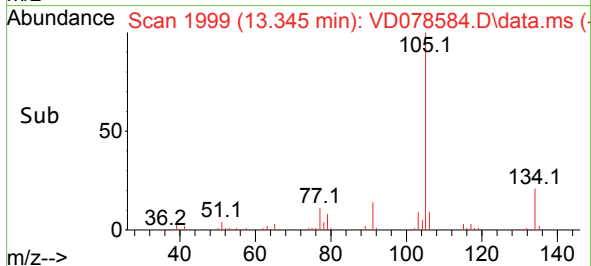
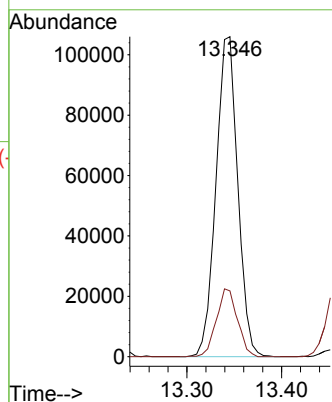
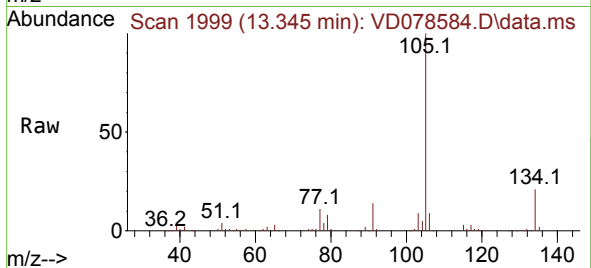
VD0304SBS01

Tgt Ion:105 Resp: 169378

Ion Ratio Lower Upper

105 100

134 20.5 10.9 32.9



#86

p-Isopropyltoluene

Concen: 20.878 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

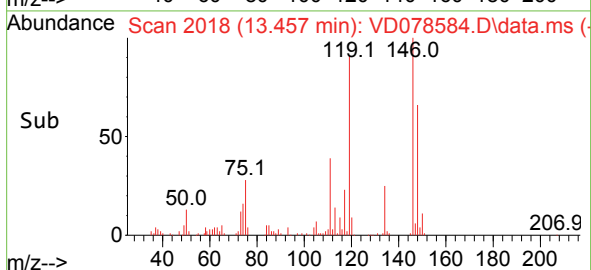
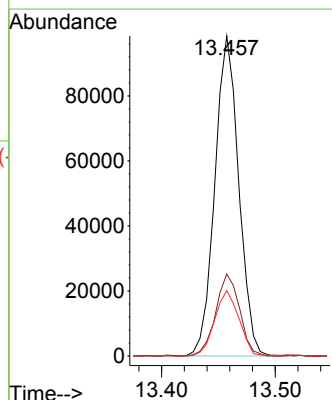
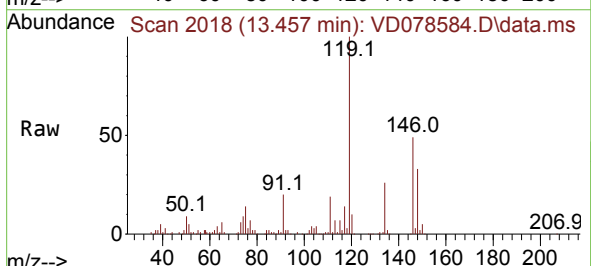
Tgt Ion:119 Resp: 143766

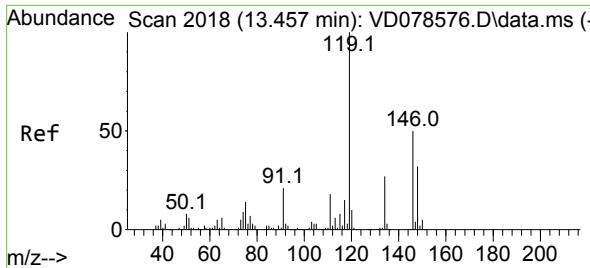
Ion Ratio Lower Upper

119 100

134 25.6 14.2 42.6

91 20.7 10.5 31.5

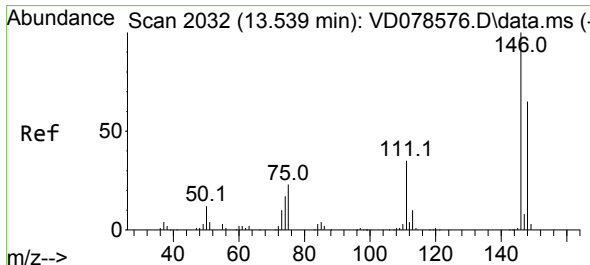
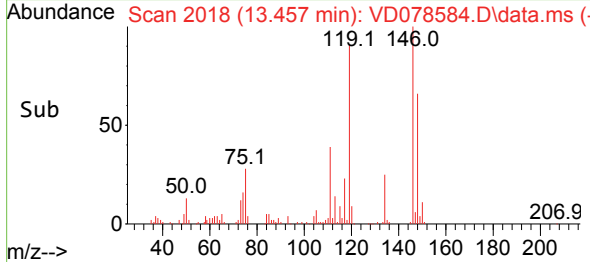
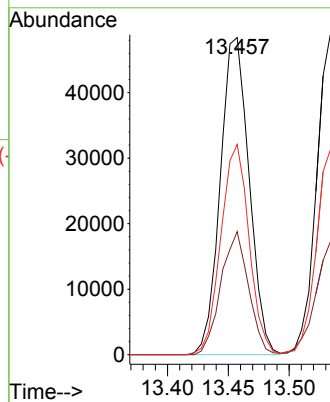
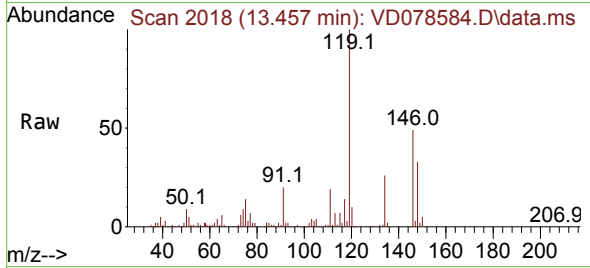




#87
 1,3-Dichlorobenzene
 Concen: 20.653 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078584.D
 Acq: 04 Mar 2024 12:24

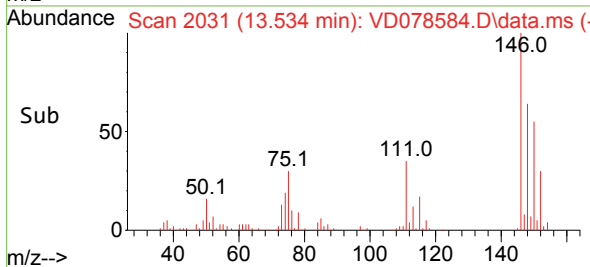
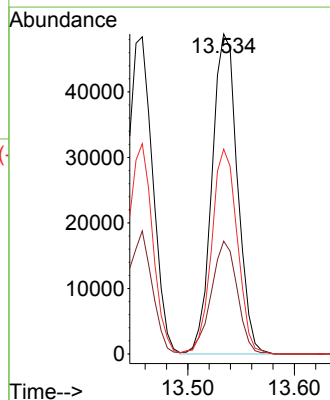
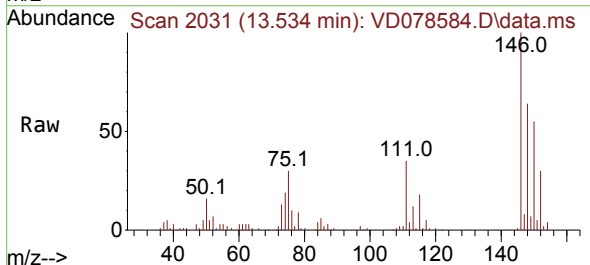
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0304SBS01

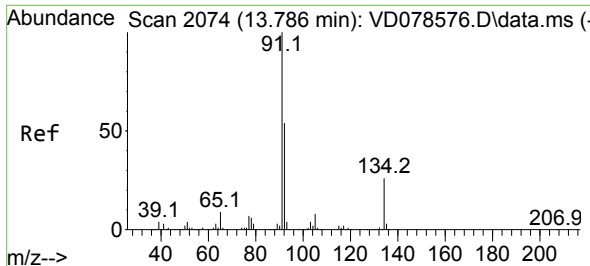
Tgt Ion:146	Resp:	79866
Ion Ratio	Lower	Upper
146	100	
111	37.2	17.9 53.8
148	64.8	32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 20.969 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.005 min
 Lab File: VD078584.D
 Acq: 04 Mar 2024 12:24

Tgt Ion:146	Resp:	81240
Ion Ratio	Lower	Upper
146	100	
111	36.2	17.4 52.3
148	64.2	31.7 95.1

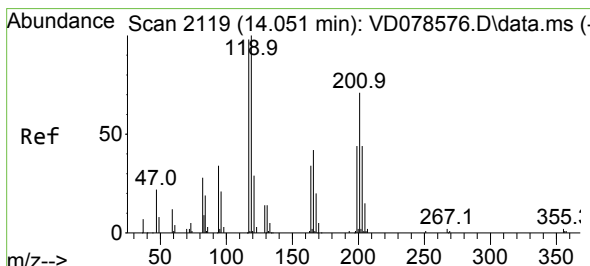
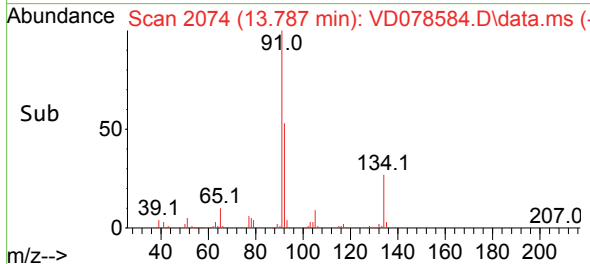
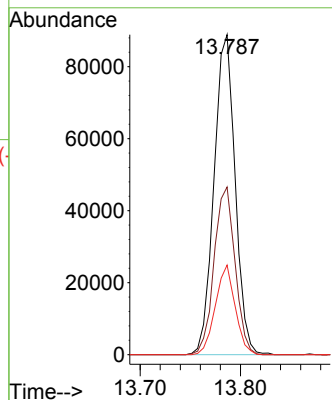
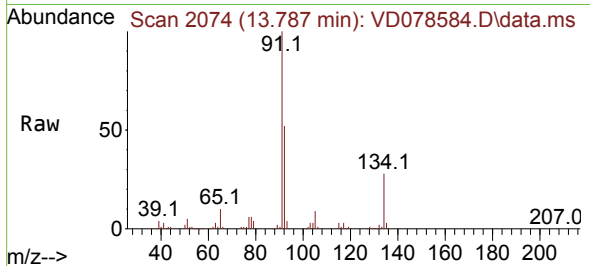




#89
n-Butylbenzene
Concen: 20.190 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

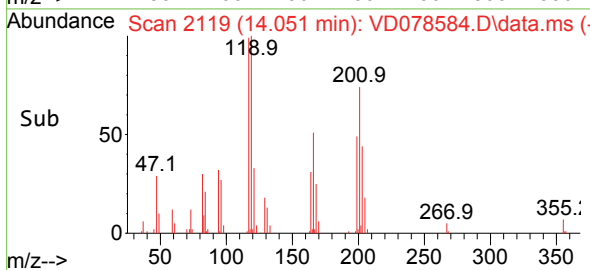
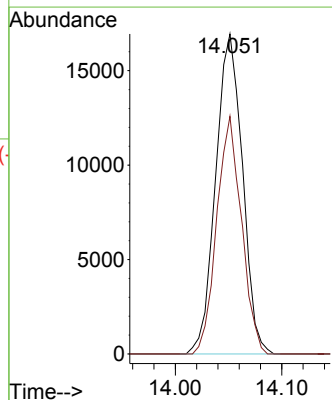
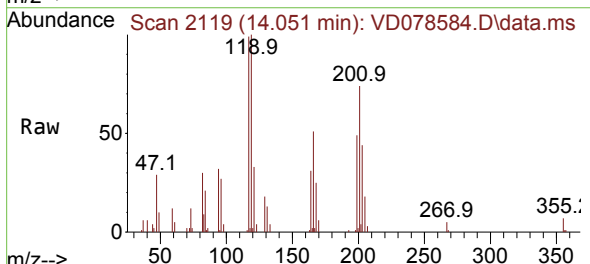
Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

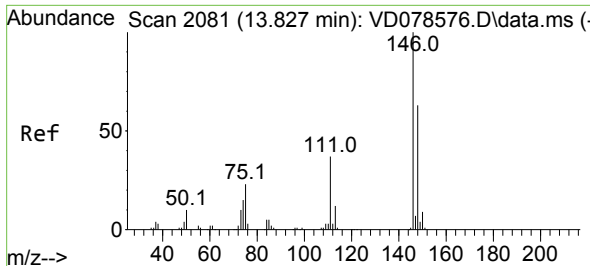
Tgt Ion: 91 Resp: 129927
Ion Ratio Lower Upper
91 100
92 52.1 26.5 79.5
134 26.3 13.8 41.3



#90
Hexachloroethane
Concen: 21.138 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion: 117 Resp: 29596
Ion Ratio Lower Upper
117 100
201 68.6 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 21.154 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBS01

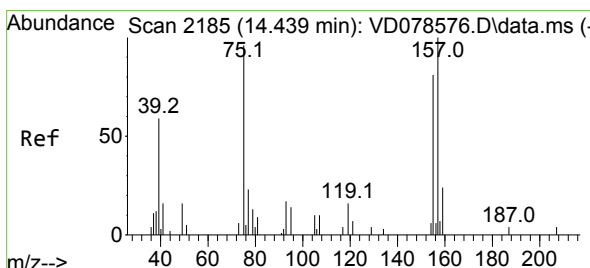
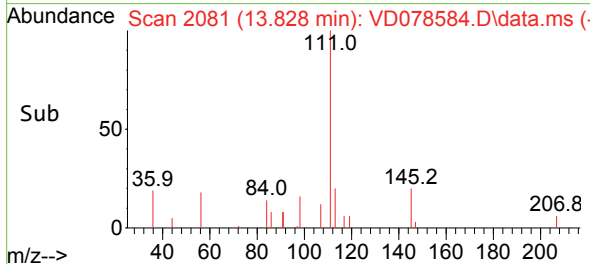
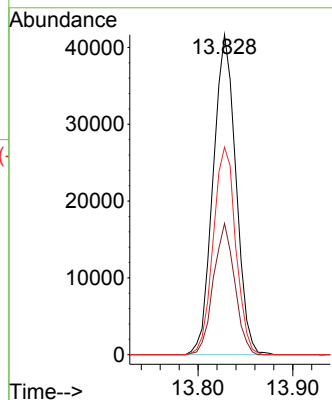
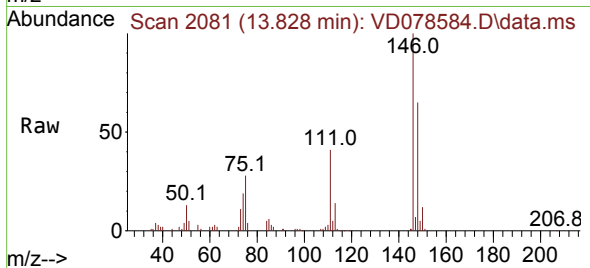
Tgt Ion:146 Resp: 69488

Ion Ratio Lower Upper

146 100

111 38.3 18.3 54.8

148 64.1 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.555 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.012 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

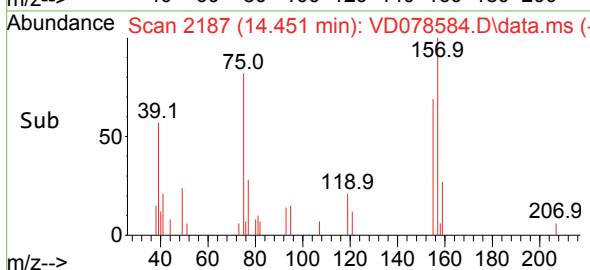
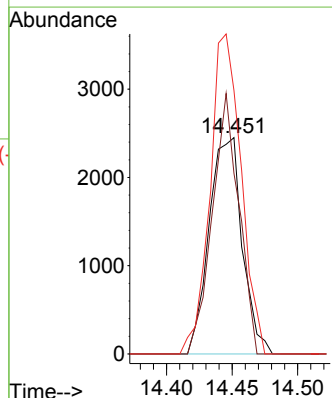
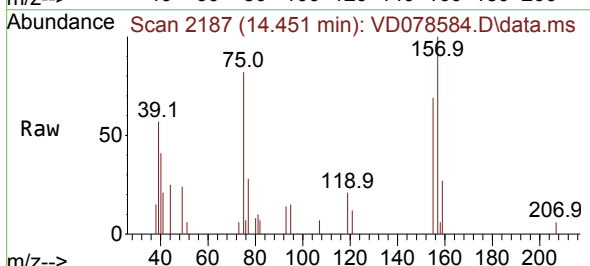
Tgt Ion: 75 Resp: 4310

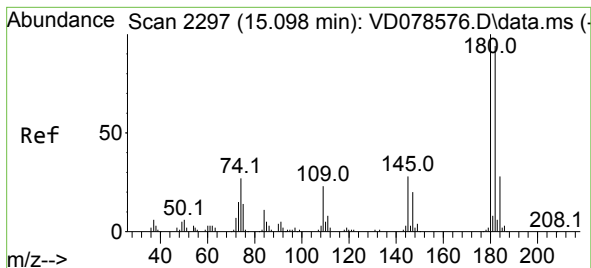
Ion Ratio Lower Upper

75 100

155 96.5 47.9 143.8

157 138.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 21.940 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0304SBS01

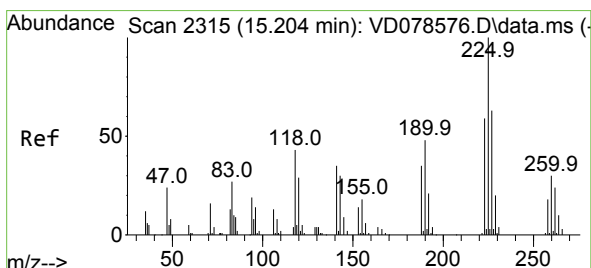
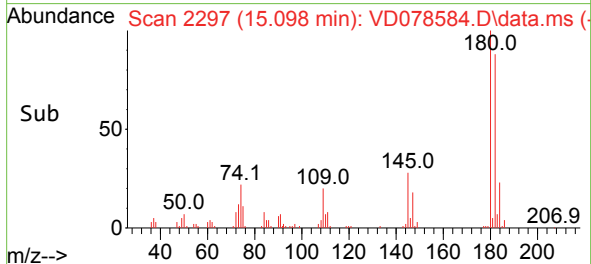
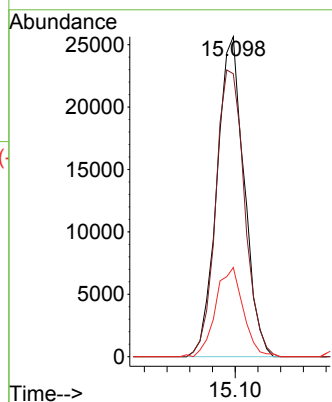
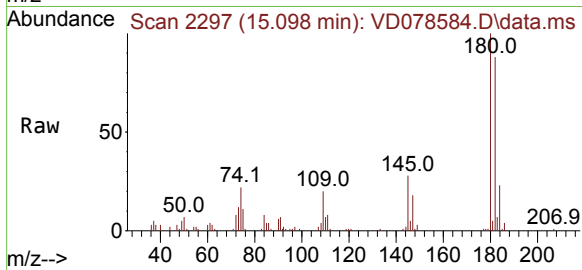
Tgt Ion:180 Resp: 42677

Ion Ratio Lower Upper

180 100

182 94.6 48.5 145.6

145 28.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.226 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.005 min

Lab File: VD078584.D

Acq: 04 Mar 2024 12:24

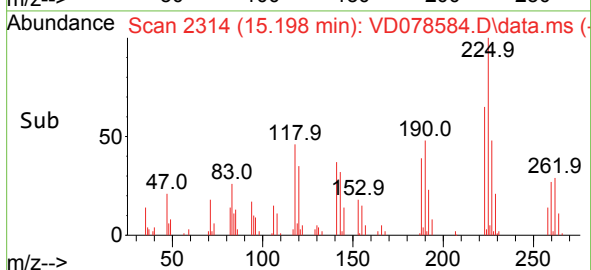
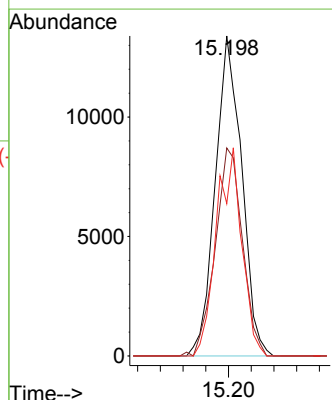
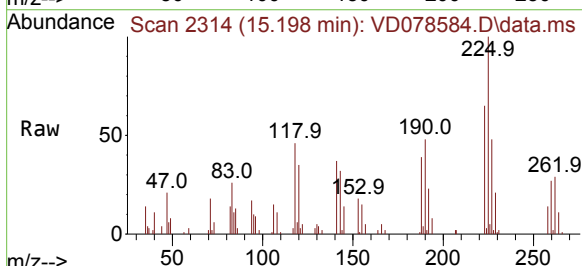
Tgt Ion:225 Resp: 21647

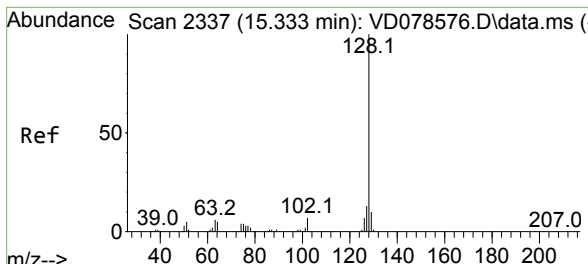
Ion Ratio Lower Upper

225 100

223 66.7 31.6 94.8

227 62.4 31.7 95.1

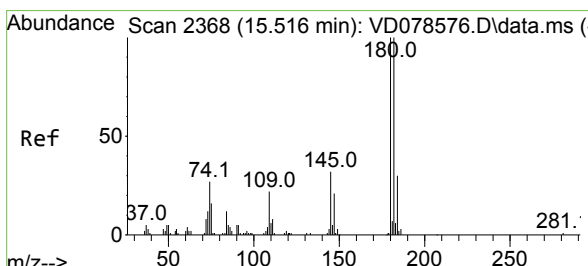
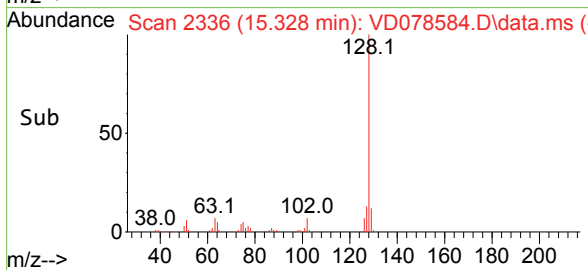
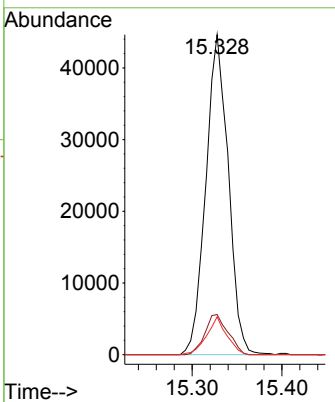
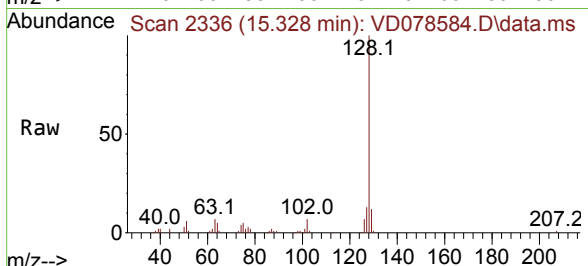




#95
Naphthalene
Concen: 22.603 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0304SBS01

Tgt Ion:	128	Resp:	77690
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.5	15.7
129	11.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.429 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD078584.D
Acq: 04 Mar 2024 12:24

Tgt Ion:	180	Resp:	38745
Ion Ratio	Lower	Upper	
180	100		
182	91.0	47.3	141.9
145	29.6	15.1	45.3

