

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
 Data File : VD076400.D
 Acq On : 13 Jun 2023 12:49
 Operator : KP/SY
 Sample : VD0613SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBS01

Quant Time: Jun 14 05:44:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	241160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	402731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	356218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	163824	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	130425	46.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.640%
35) Dibromofluoromethane	7.804	113	135370	52.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.020%
50) Toluene-d8	10.269	98	496572	50.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.575	95	163631	48.356	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	43345	20.124	ug/l	98
3) Chloromethane	2.146	50	78733	19.304	ug/l	96
4) Vinyl Chloride	2.275	62	84422	21.632	ug/l	98
5) Bromomethane	2.675	94	45479	22.239	ug/l	98
6) Chloroethane	2.828	64	52752	22.446	ug/l	96
7) Trichlorofluoromethane	3.164	101	80078	20.391	ug/l	93
8) Diethyl Ether	3.587	74	26867	19.043	ug/l	64
9) 1,1,2-Trichlorotrifluo...	3.958	101	48108	20.374	ug/l	96
10) Methyl Iodide	4.163	142	55930	18.420	ug/l	95
11) Tert butyl alcohol	5.052	59	21577	92.663	ug/l #	90
12) 1,1-Dichloroethene	3.940	96	47072	19.547	ug/l	87
13) Acrolein	3.793	56	29237	109.462	ug/l	99
14) Allyl chloride	4.558	41	90964	19.315	ug/l #	84
15) Acrylonitrile	5.252	53	69784	97.211	ug/l	99
16) Acetone	4.016	43	58618	95.728	ug/l #	82
17) Carbon Disulfide	4.263	76	122048	17.640	ug/l	99
18) Methyl Acetate	4.563	43	54115	19.384	ug/l #	82
19) Methyl tert-butyl Ether	5.316	73	129030	19.311	ug/l	98
20) Methylene Chloride	4.793	84	65742	16.228	ug/l #	70
21) trans-1,2-Dichloroethene	5.305	96	53417	19.088	ug/l #	82
22) Diisopropyl ether	6.216	45	187291	19.535	ug/l #	91
23) Vinyl Acetate	6.152	43	464982	112.925	ug/l #	83
24) 1,1-Dichloroethane	6.110	63	108040	20.274	ug/l	96
25) 2-Butanone	7.081	43	91875	95.931	ug/l #	82
26) 2,2-Dichloropropane	7.075	77	90928	18.951	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	65481	19.656	ug/l	86
28) Bromochloromethane	7.422	49	32795	19.711	ug/l #	70
29) Tetrahydrofuran	7.440	42	58508	95.755	ug/l #	76
30) Chloroform	7.593	83	103592	19.504	ug/l	95
31) Cyclohexane	7.875	56	86540	19.417	ug/l	86
32) 1,1,1-Trichloroethane	7.787	97	88961	19.612	ug/l	98
36) 1,1-Dichloropropene	8.004	75	73161	19.257	ug/l	95
37) Ethyl Acetate	7.169	43	42774	21.405	ug/l #	91
38) Carbon Tetrachloride	7.993	117	68313	19.367	ug/l	94
39) Methylcyclohexane	9.275	83	88294	20.184	ug/l	90
40) Benzene	8.252	78	222563	20.151	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	23662	18.510	ug/l #	74
42) 1,2-Dichloroethane	8.322	62	62564	19.022	ug/l	94
43) Isopropyl Acetate	8.357	43	83581	19.949	ug/l #	82
44) Trichloroethene	9.028	130	62328	20.817	ug/l	97
45) 1,2-Dichloropropane	9.304	63	59084	20.127	ug/l	95
46) Dibromomethane	9.393	93	31325	19.336	ug/l	96
47) Bromodichloromethane	9.581	83	77711	19.364	ug/l	98
48) Methyl methacrylate	9.381	41	38678	19.261	ug/l #	68
49) 1,4-Dioxane	9.387	88	7410	385.513	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	208244	100.073	ug/l #	83
52) Toluene	10.334	92	140421	20.111	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	81239	19.792	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	94290	19.975	ug/l #	82
55) 1,1,2-Trichloroethane	10.734	97	43638	20.167	ug/l	89
56) Ethyl methacrylate	10.598	69	59810	19.903	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	75316	20.008	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	123838	101.170	ug/l	92
59) 2-Hexanone	10.922	43	145386	99.672	ug/l	79
60) Dibromochloromethane	11.075	129	52703	19.685	ug/l	94
61) 1,2-Dibromoethane	11.181	107	43280	20.616	ug/l	99
64) Tetrachloroethene	10.810	164	50265	20.554	ug/l	95
65) Chlorobenzene	11.604	112	153009	20.723	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	53445	19.358	ug/l	98
67) Ethyl Benzene	11.681	91	272546	20.041	ug/l	95
68) m/p-Xylenes	11.792	106	206816	40.193	ug/l	89
69) o-Xylene	12.122	106	101423	20.519	ug/l	93
70) Styrene	12.134	104	171564	20.344	ug/l	95
71) Bromoform	12.298	173	32747	20.335	ug/l #	99
73) Isopropylbenzene	12.422	105	260131	20.996	ug/l	97
74) N-amyl acetate	12.234	43	76107	20.143	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.675	83	50821	20.772	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	66548	43.451	ug/l #	100
77) Bromobenzene	12.698	156	61273	20.961	ug/l	86
78) n-propylbenzene	12.763	91	322858	21.379	ug/l	96
79) 2-Chlorotoluene	12.851	91	176923	20.703	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	215336	20.823	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	16922	19.782	ug/l	91
82) 4-Chlorotoluene	12.945	91	183592	20.515	ug/l	93
83) tert-Butylbenzene	13.169	119	186333	20.997	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	210972	20.649	ug/l	96
85) sec-Butylbenzene	13.345	105	277296	21.230	ug/l	97
86) p-Isopropyltoluene	13.463	119	231270	21.028	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	119398	21.105	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	118213	21.144	ug/l	95
89) n-Butylbenzene	13.787	91	225387	21.329	ug/l	98
90) Hexachloroethane	14.057	117	42785	21.080	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	103627	20.828	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7277	18.106	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	69915	20.996	ug/l	98
94) Hexachlorobutadiene	15.204	225	35437	21.153	ug/l	97
95) Naphthalene	15.333	128	140536	21.017	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	62383	21.691	ug/l	96

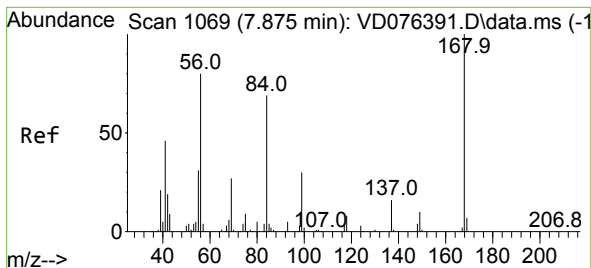
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061323\
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Response via : Initial Calibration

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: VD076400.D

Acq: 13 Jun 2023 12:49

Instrument :

MSVOA_D

ClientSampleId :

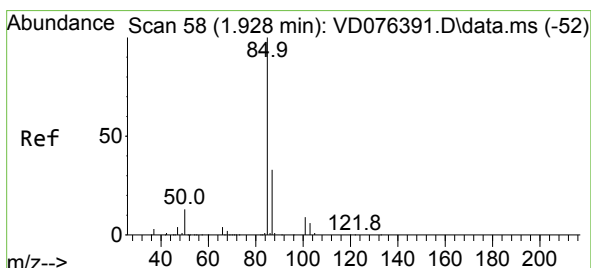
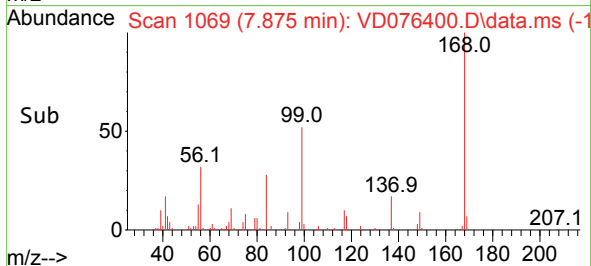
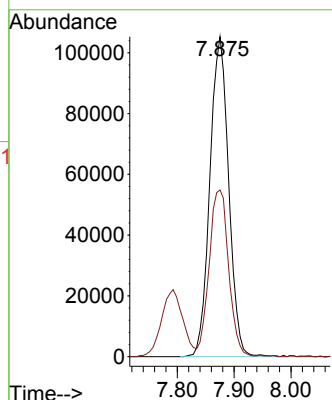
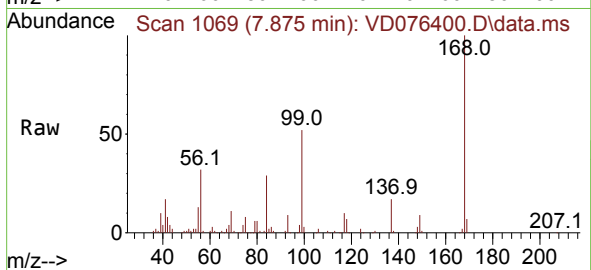
VD0613SBS01

Tgt Ion:168 Resp: 241160

Ion Ratio Lower Upper

168 100

99 52.1 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 20.124 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD076400.D

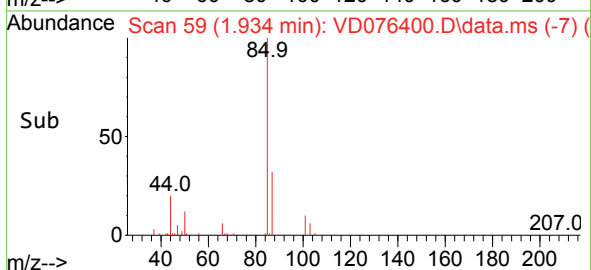
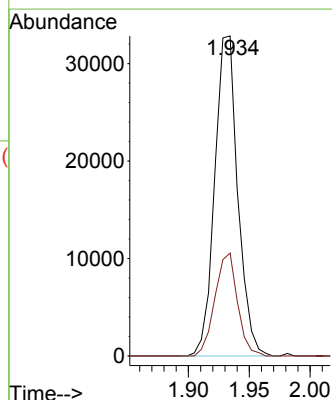
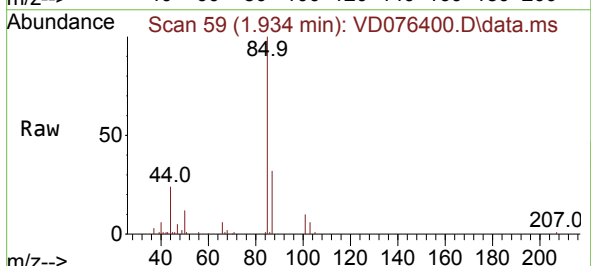
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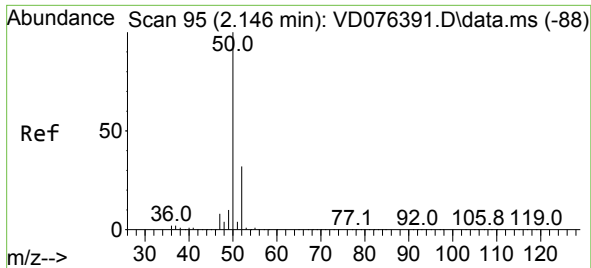
Tgt Ion: 85 Resp: 43345

Ion Ratio Lower Upper

85 100

87 32.1 15.7 47.0

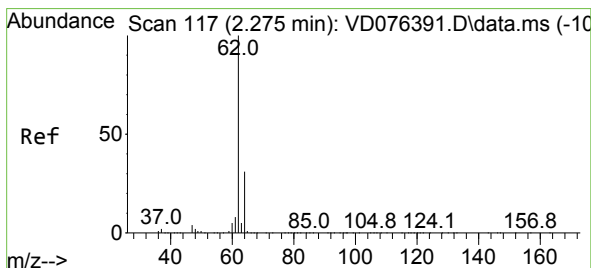
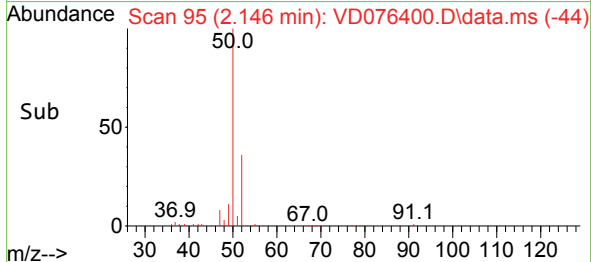
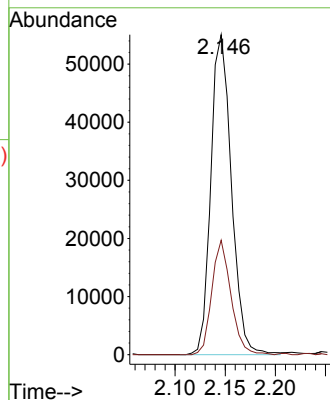
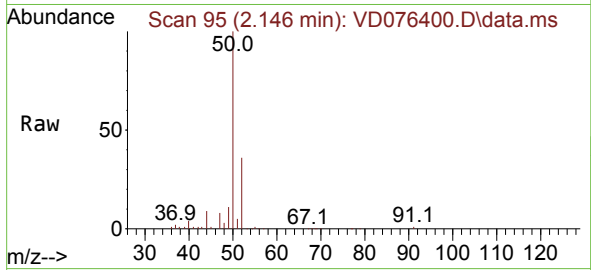




#3
Chloromethane
Concen: 19.304 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

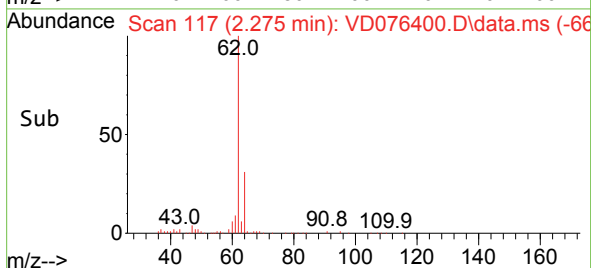
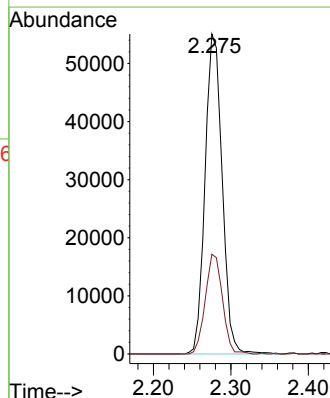
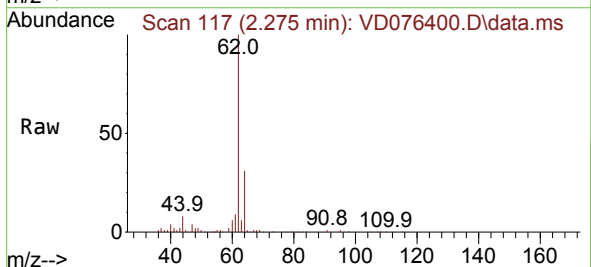
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

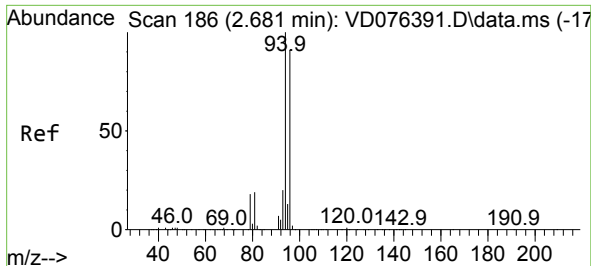
Tgt Ion: 50 Resp: 78733
Ion Ratio Lower Upper
50 100
52 35.8 26.6 40.0



#4
Vinyl Chloride
Concen: 21.632 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion: 62 Resp: 84422
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0

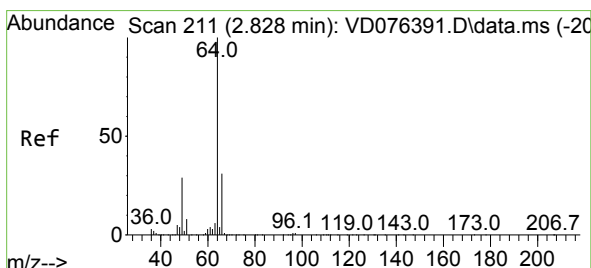
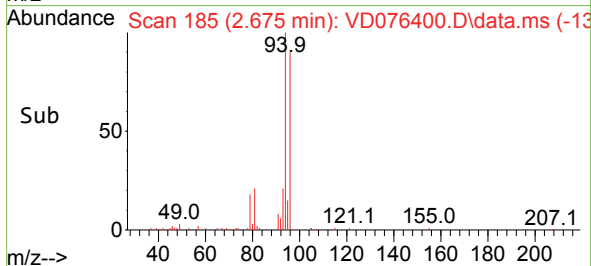
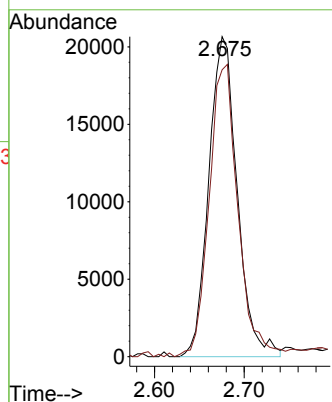
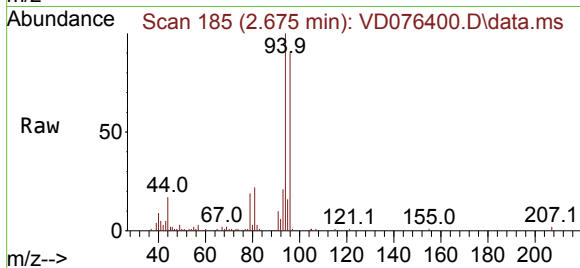




#5
Bromomethane
Concen: 22.239 ug/l
RT: 2.675 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

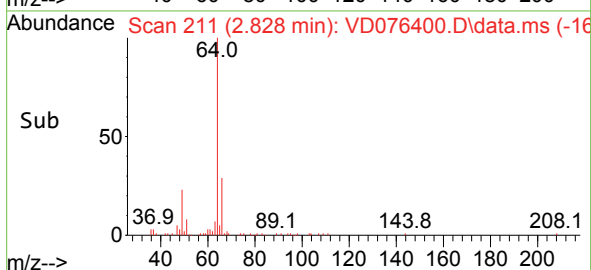
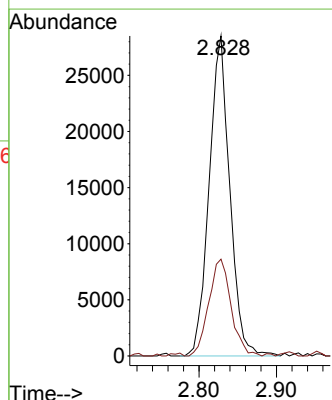
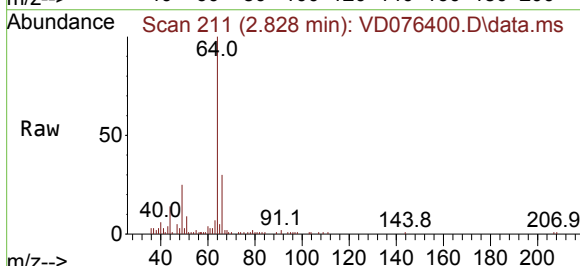
Instrument :
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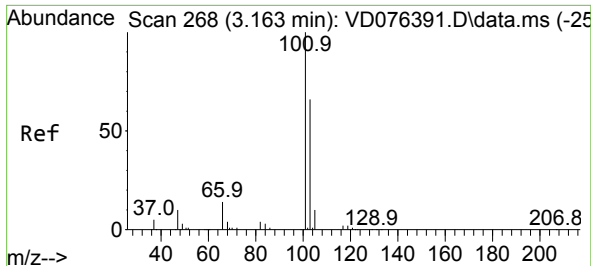
Tgt Ion: 94 Resp: 45479
Ion Ratio Lower Upper
94 100
96 92.5 75.8 113.8



#6
Chloroethane
Concen: 22.446 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion: 64 Resp: 52752
Ion Ratio Lower Upper
64 100
66 29.6 25.5 38.3

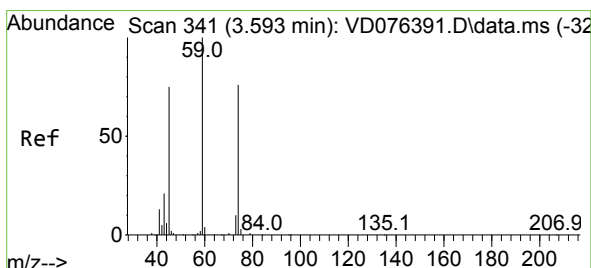
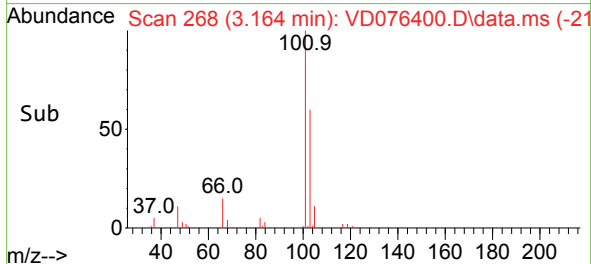
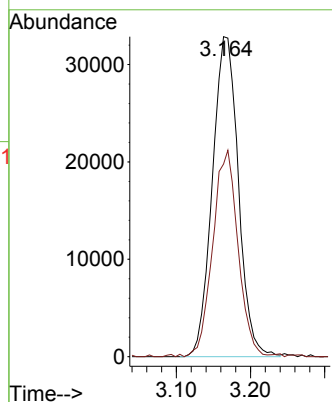
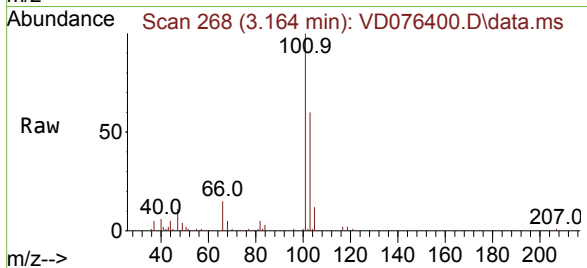




#7
 Trichlorofluoromethane
 Concen: 20.391 ug/l
 RT: 3.164 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076400.D
 Acq: 13 Jun 2023 12:49

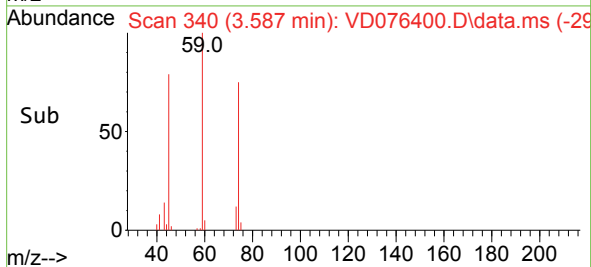
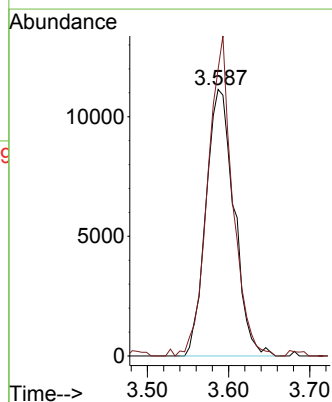
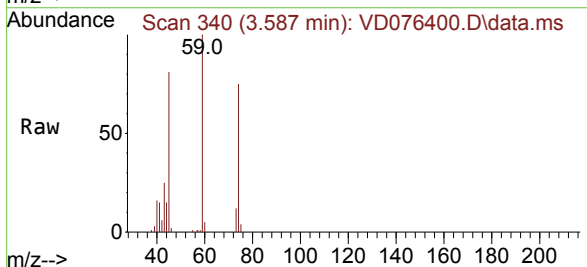
Instrument :
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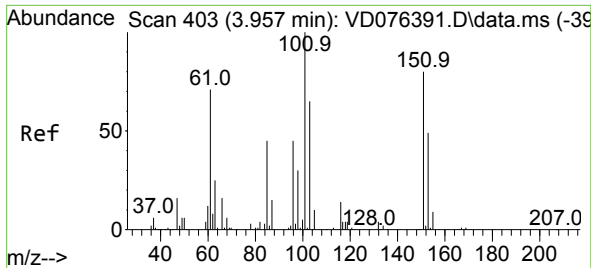
Tgt Ion:101 Resp: 80078
 Ion Ratio Lower Upper
 101 100
 103 59.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.043 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD076400.D
 Acq: 13 Jun 2023 12:49

Tgt Ion: 74 Resp: 26867
 Ion Ratio Lower Upper
 74 100
 45 106.1 37.5 112.7

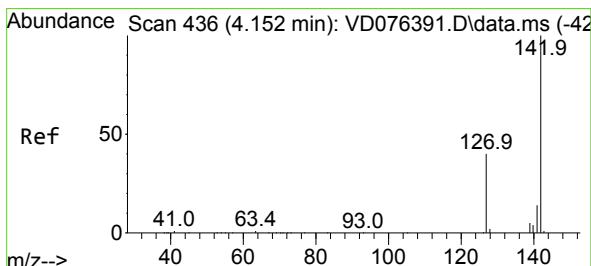
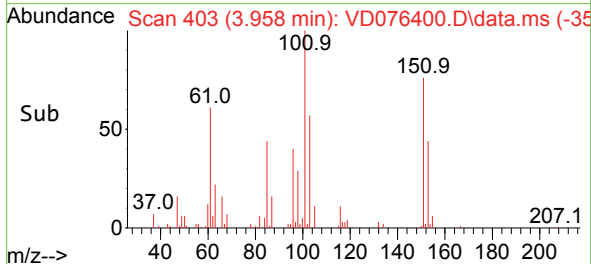
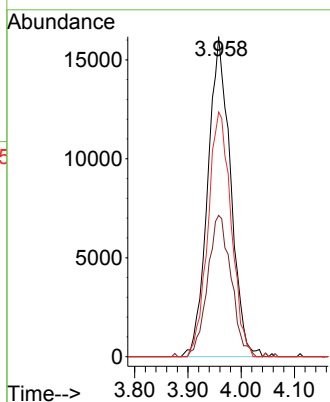
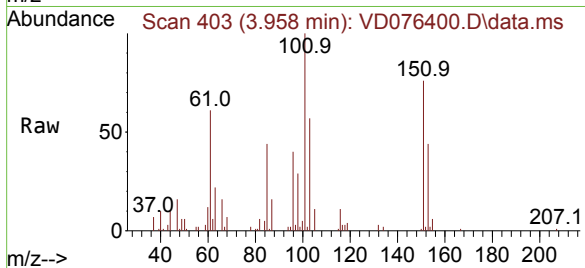




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.374 ug/l
RT: 3.958 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD076400.D
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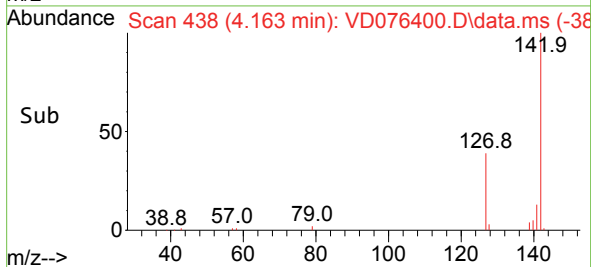
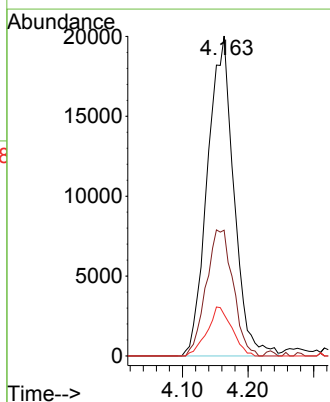
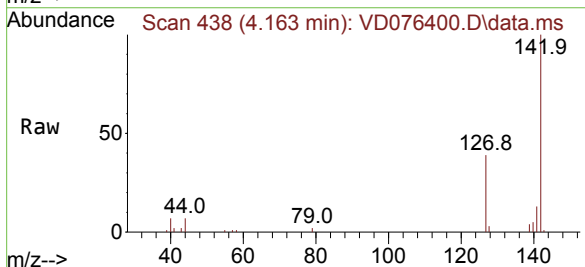
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

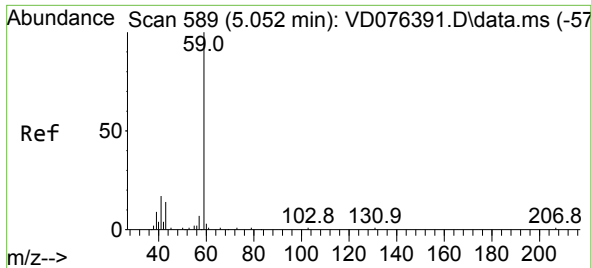
Tgt Ion:101 Resp: 48108
Ion Ratio Lower Upper
101 100
85 45.5 33.8 50.6
151 77.8 59.8 89.6



#10
Methyl Iodide
Concen: 18.420 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.012 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion:142 Resp: 55930
Ion Ratio Lower Upper
142 100
127 40.4 29.4 44.0
141 14.4 11.1 16.7

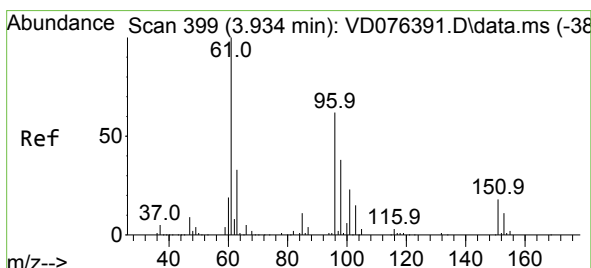
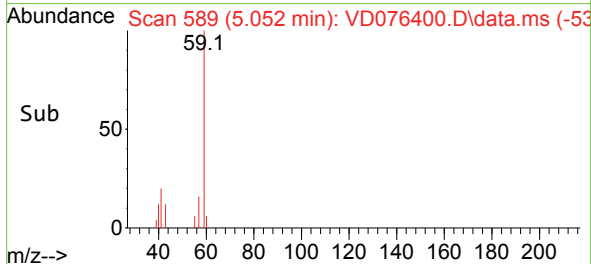
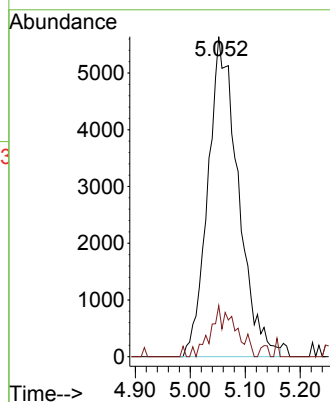
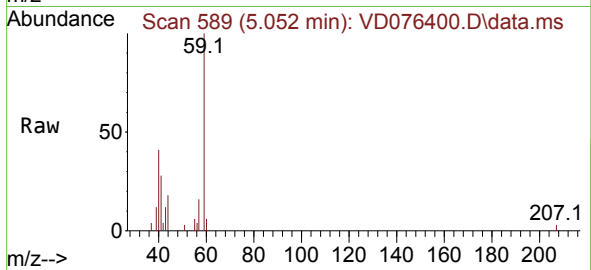




#11
Tert butyl alcohol
Concen: 92.663 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

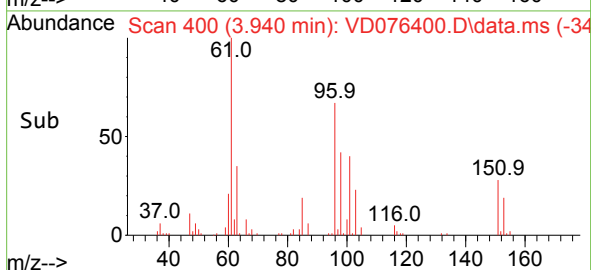
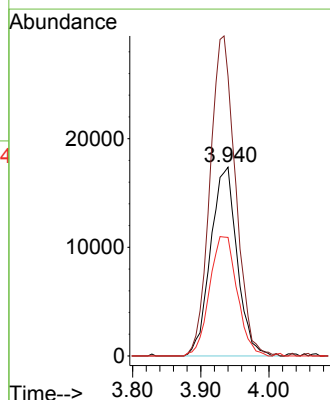
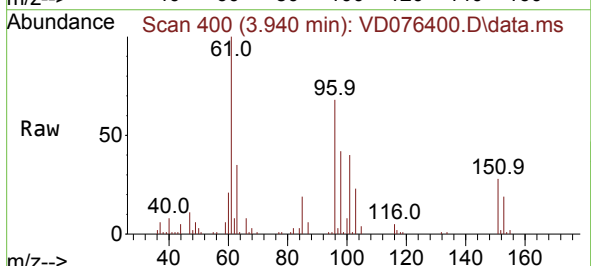
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

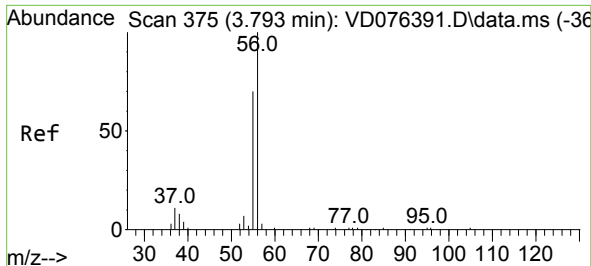
Tgt Ion: 59 Resp: 21577
Ion Ratio Lower Upper
59 100
57 6.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 19.547 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.006 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion: 96 Resp: 47072
Ion Ratio Lower Upper
96 100
61 148.1 100.6 150.8
98 62.8 50.2 75.2

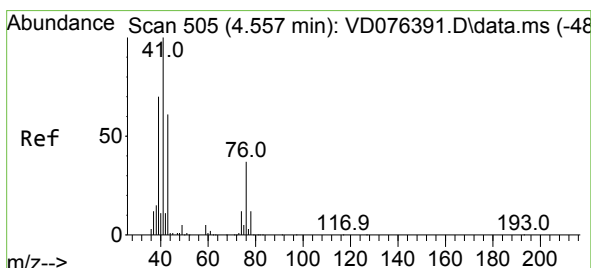
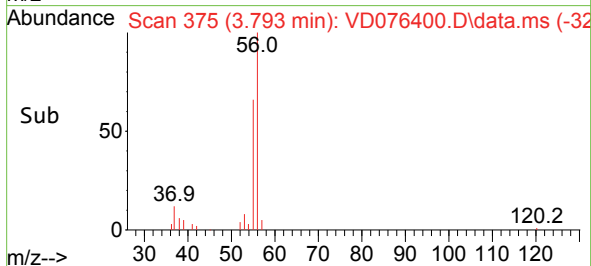
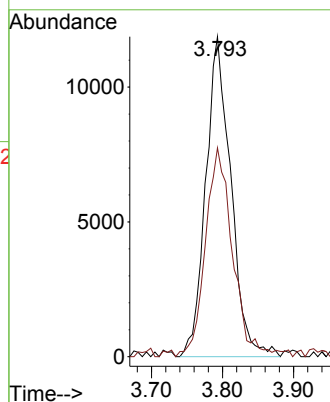
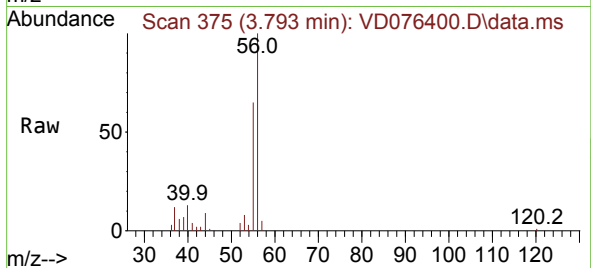




#13
Acrolein
Concen: 109.462 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

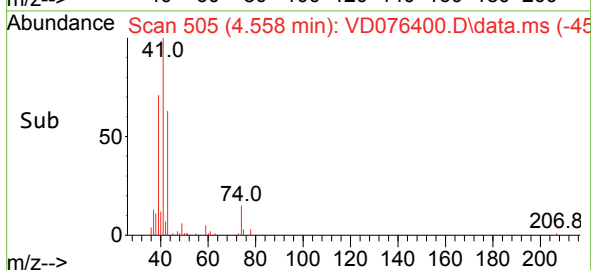
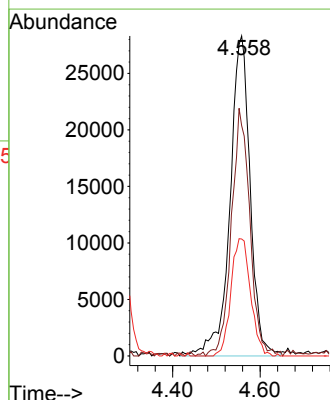
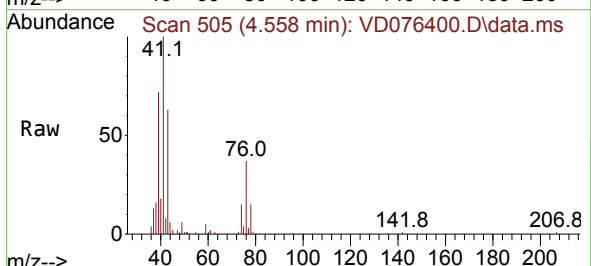
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

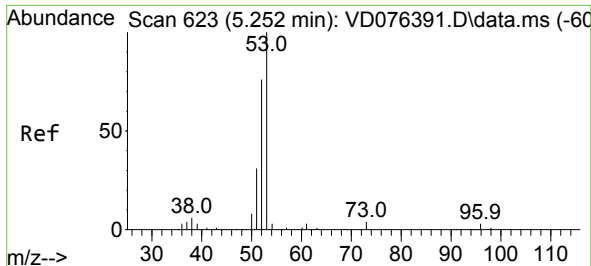
Tgt Ion: 56 Resp: 29237
Ion Ratio Lower Upper
56 100
55 69.7 55.1 82.7



#14
Allyl chloride
Concen: 19.315 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion: 41 Resp: 90964
Ion Ratio Lower Upper
41 100
39 70.6 53.8 80.6
76 35.5 45.8 68.8#

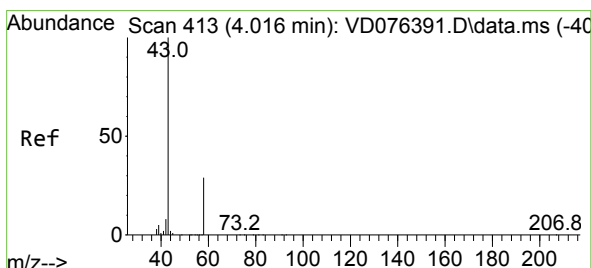
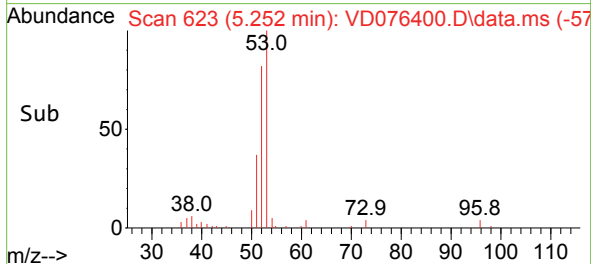
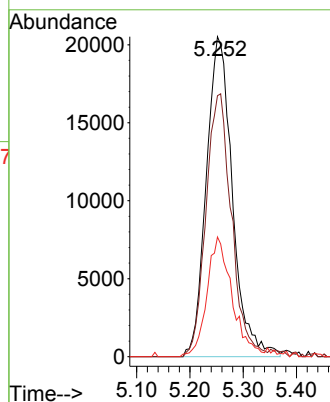
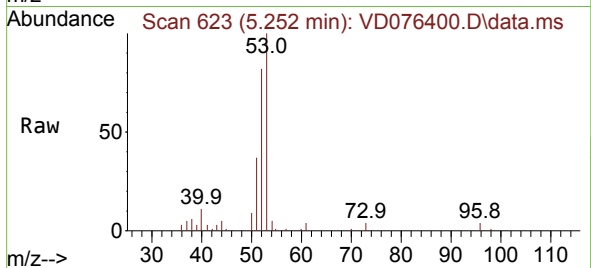




#15
Acrylonitrile
Concen: 97.211 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

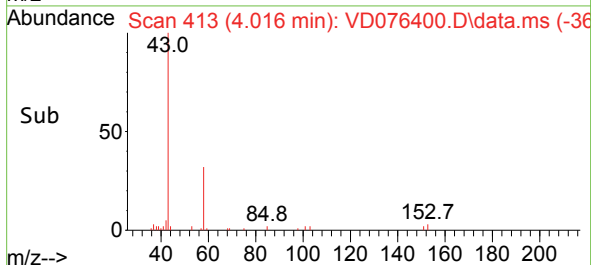
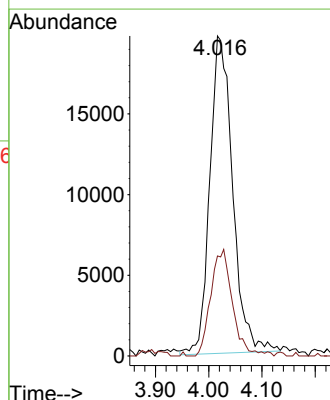
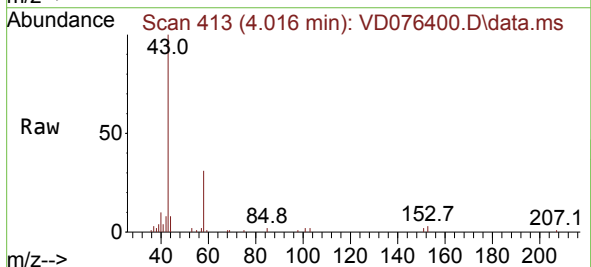
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

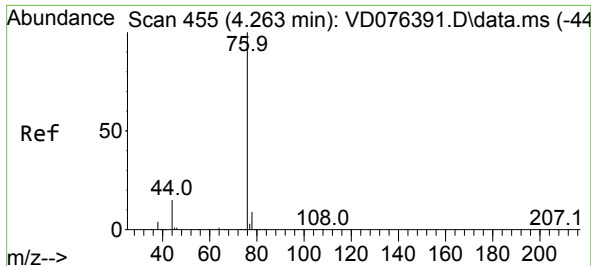
Tgt Ion: 53 Resp: 69784
Ion Ratio Lower Upper
53 100
52 80.5 65.0 97.4
51 36.1 28.3 42.5



#16
Acetone
Concen: 95.728 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion: 43 Resp: 58618
Ion Ratio Lower Upper
43 100
58 31.7 34.7 52.1#

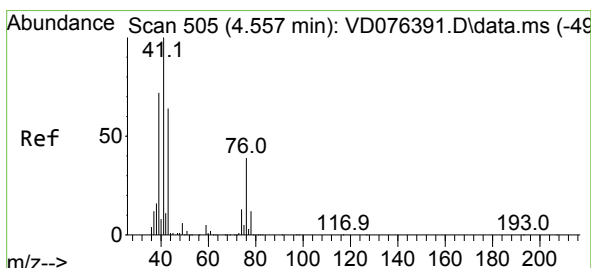
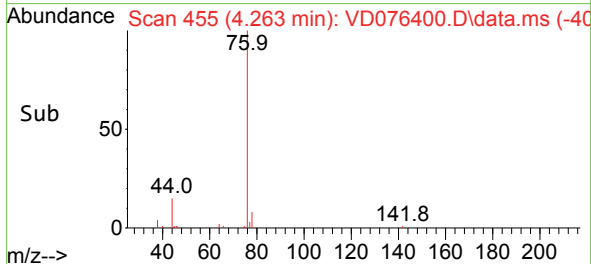
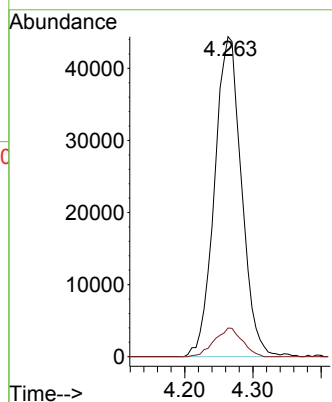
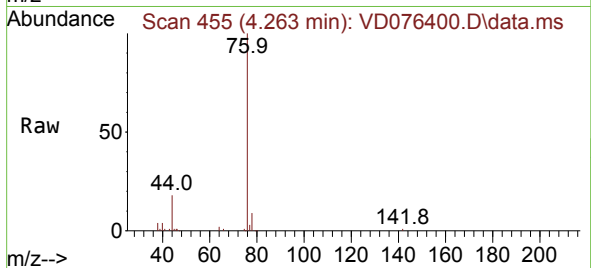




#17
Carbon Disulfide
Concen: 17.640 ug/l
RT: 4.263 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

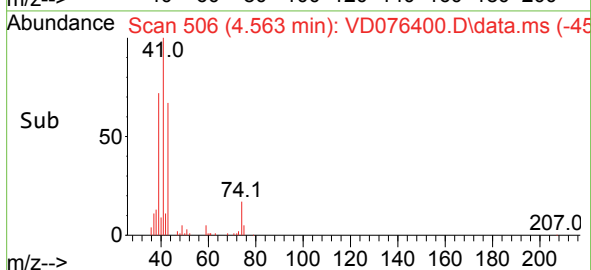
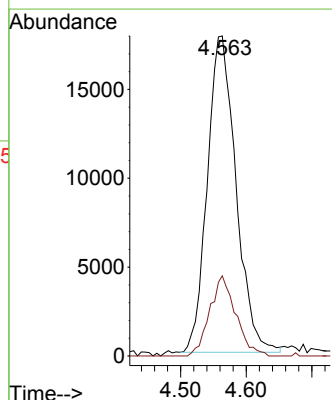
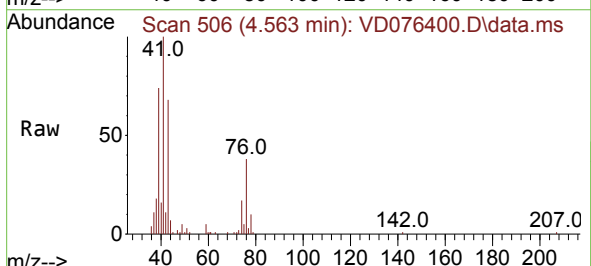
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

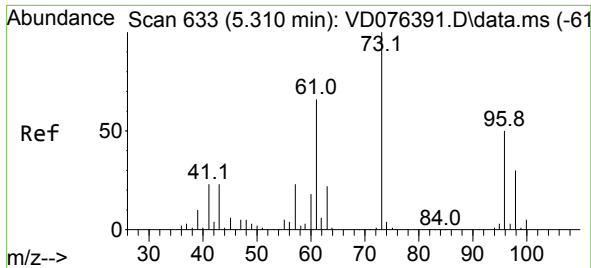
Tgt Ion: 76 Resp: 122048
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 19.384 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion: 43 Resp: 54115
Ion Ratio Lower Upper
43 100
74 23.0 26.4 39.6#

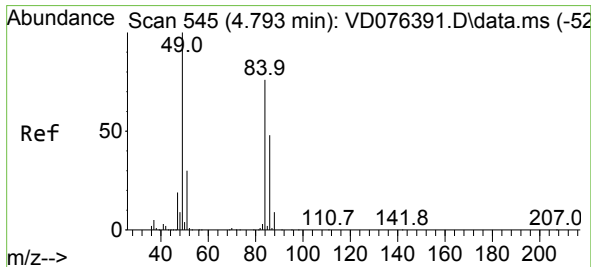
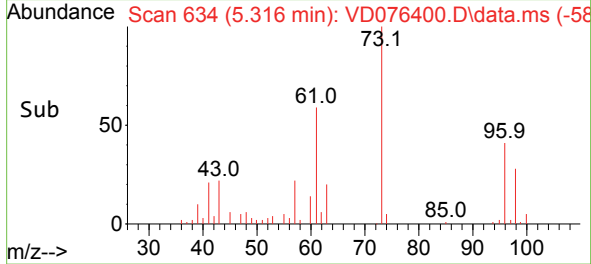
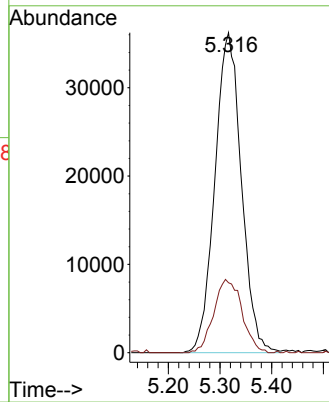
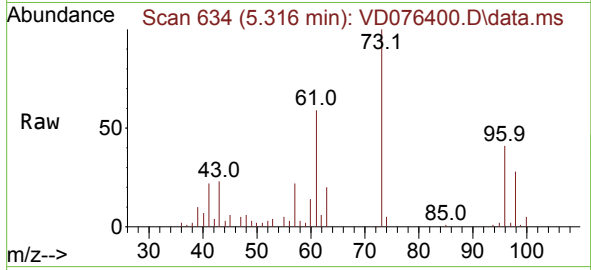




#19
Methyl tert-butyl Ether
Concen: 19.311 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

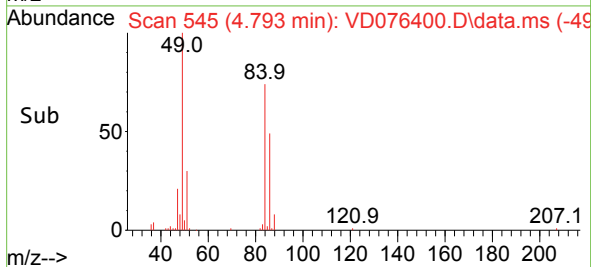
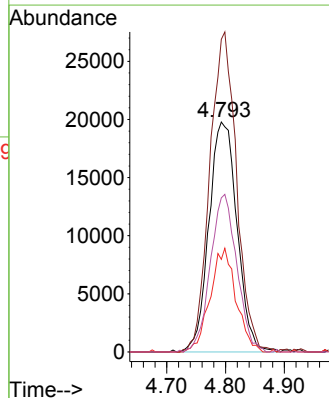
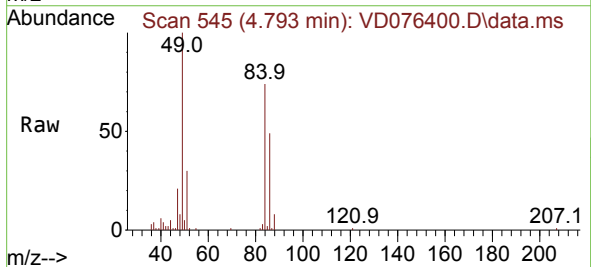
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

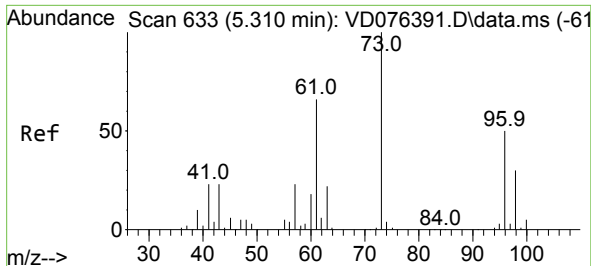
Tgt Ion: 73 Resp: 129030
Ion Ratio Lower Upper
73 100
57 21.9 16.6 25.0



#20
Methylene Chloride
Concen: 16.228 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion: 84 Resp: 65742
Ion Ratio Lower Upper
84 100
49 136.0 71.4 107.2#
51 40.3 24.5 36.7#
86 67.0 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 19.088 ug/l

RT: 5.305 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBSD01

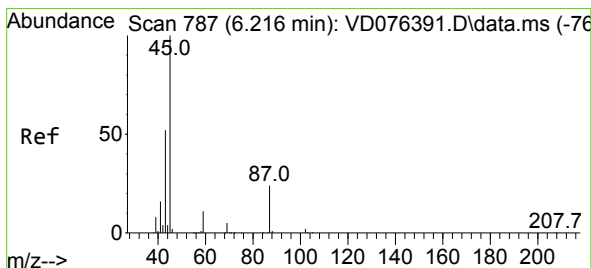
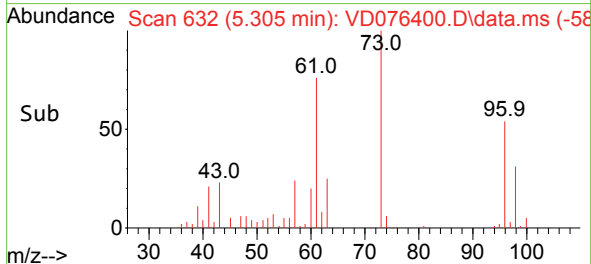
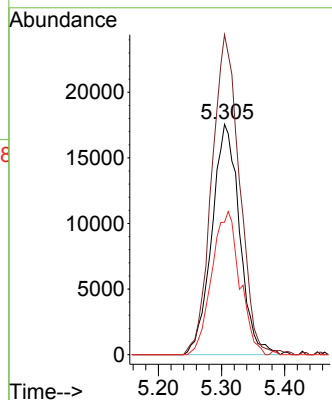
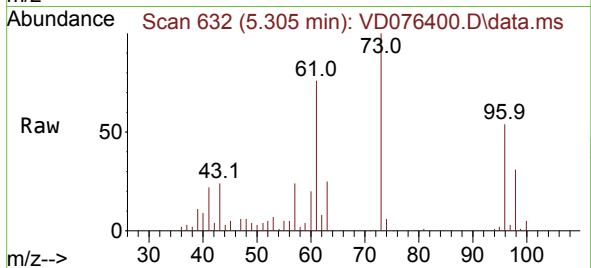
Tgt Ion: 96 Resp: 53417

Ion Ratio Lower Upper

96 100

61 138.9 89.3 133.9#

98 57.5 48.6 73.0



#22

Diisopropyl ether

Concen: 19.535 ug/l

RT: 6.216 min Scan# 787

Delta R.T. 0.000 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

Tgt Ion: 45 Resp: 187291

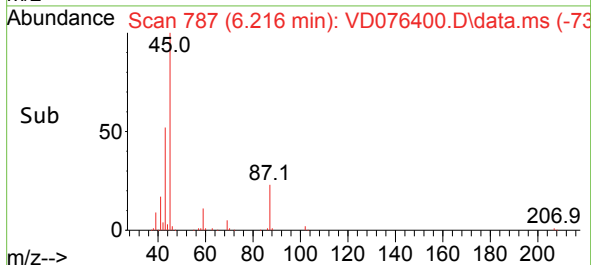
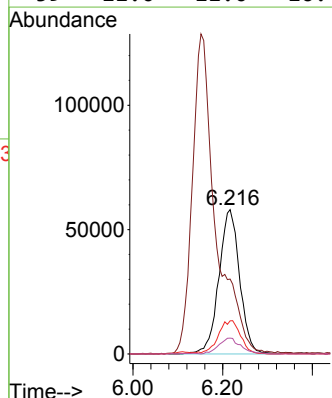
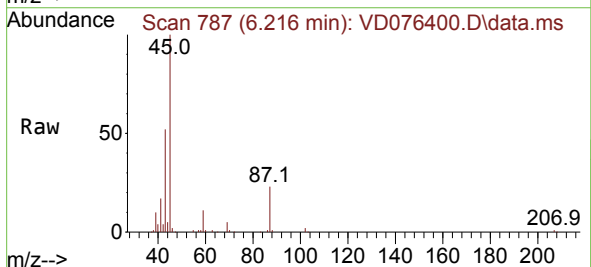
Ion Ratio Lower Upper

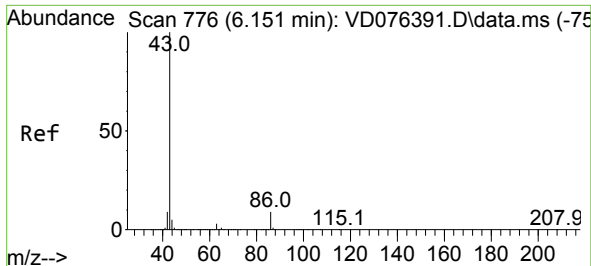
45 100

43 50.9 40.0 60.0

87 23.0 28.2 42.4#

59 11.0 11.0 16.4

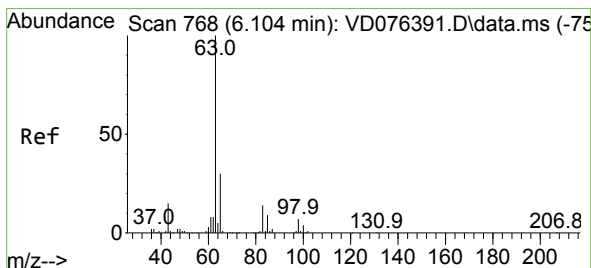
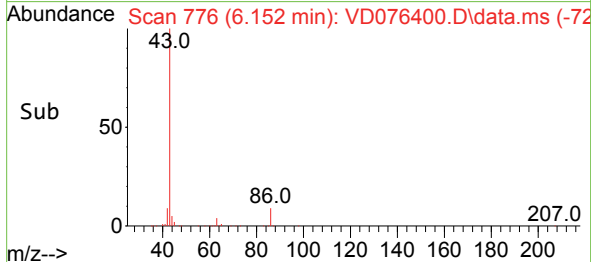
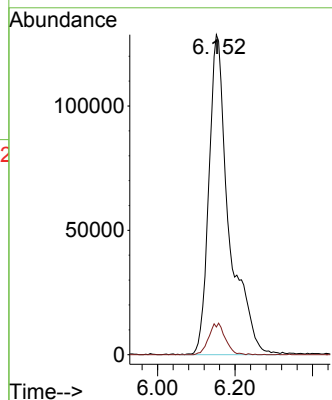
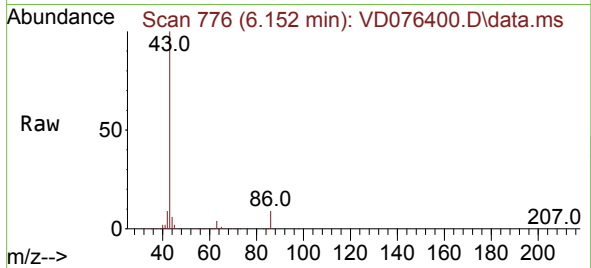




#23
 Vinyl Acetate
 Concen: 112.925 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD076400.D
 Acq: 13 Jun 2023 12:49

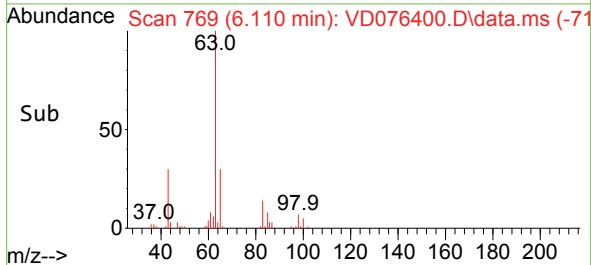
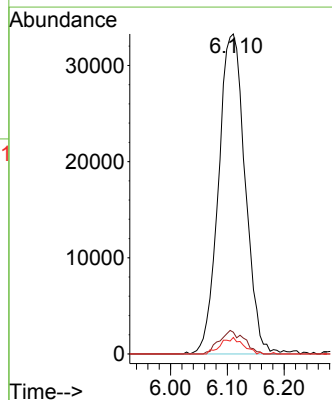
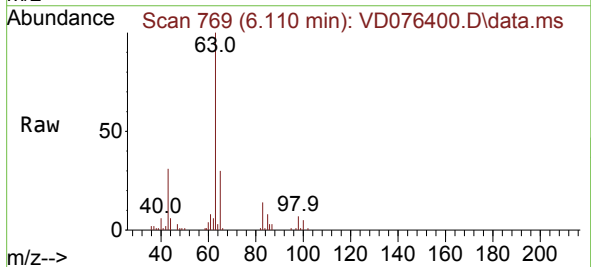
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBSD01

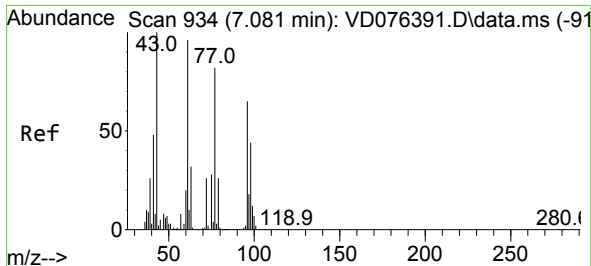
Tgt Ion: 43 Resp: 464982
 Ion Ratio Lower Upper
 43 100
 86 8.7 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 20.274 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076400.D
 Acq: 13 Jun 2023 12:49

Tgt Ion: 63 Resp: 108040
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.5 13.7
 100 5.2 2.5 7.5

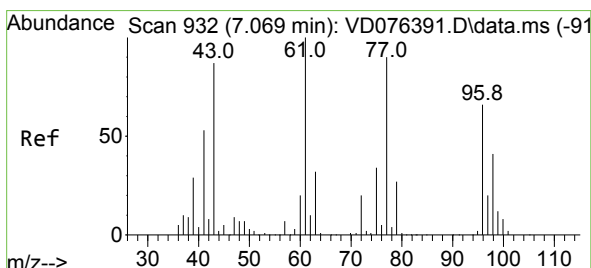
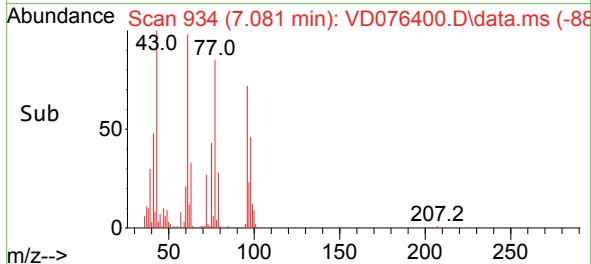
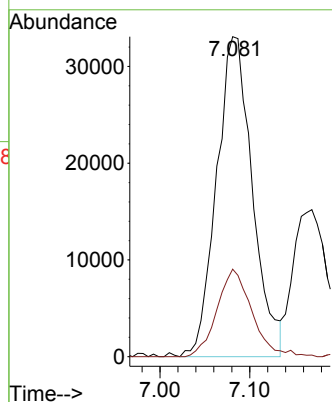
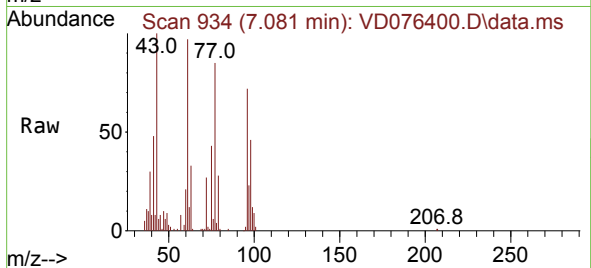




#25
2-Butanone
Concen: 95.931 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

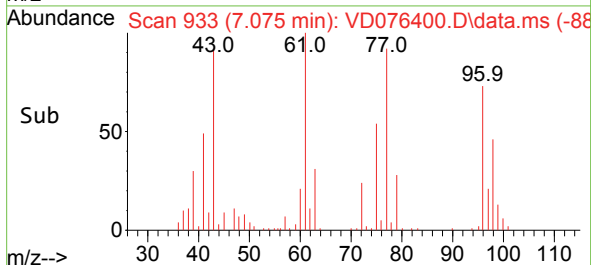
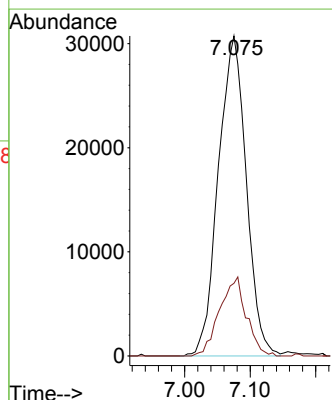
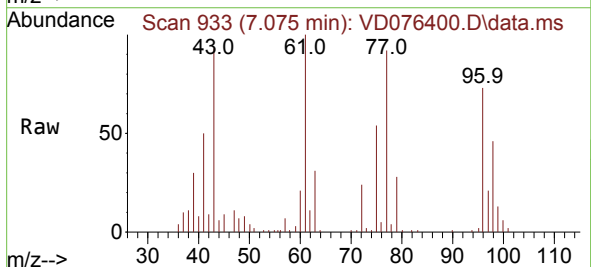
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

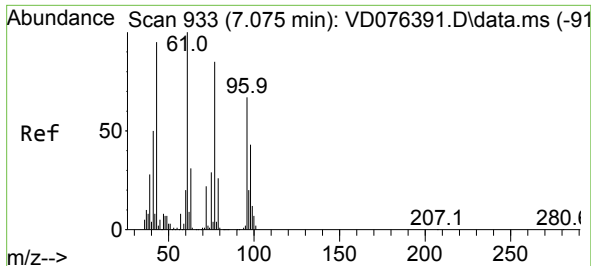
Tgt Ion: 43 Resp: 91875
Ion Ratio Lower Upper
43 100
72 27.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 18.951 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.006 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion: 77 Resp: 90928
Ion Ratio Lower Upper
77 100
97 23.6 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 19.656 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBSD01

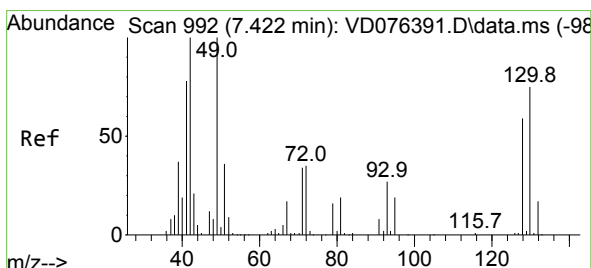
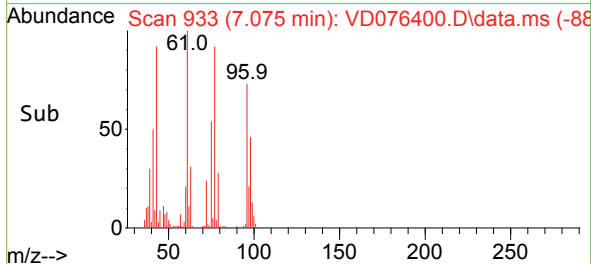
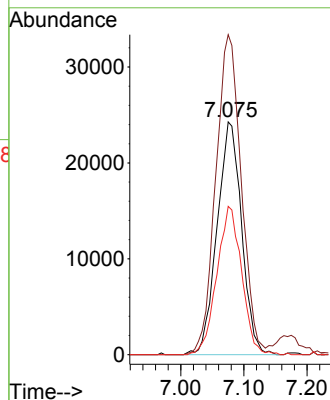
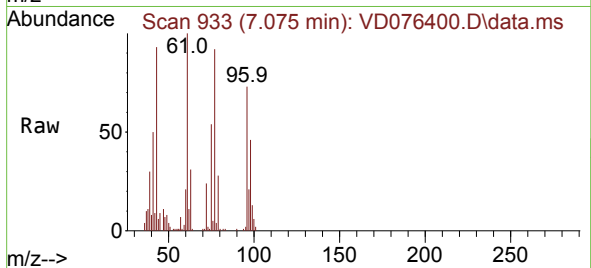
Tgt Ion: 96 Resp: 65481

Ion Ratio Lower Upper

96 100

61 142.7 0.0 239.2

98 64.3 0.0 128.6



#28

Bromochloromethane

Concen: 19.711 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

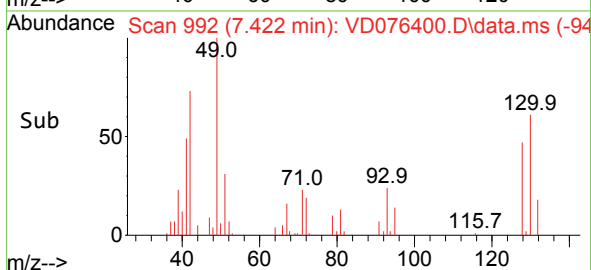
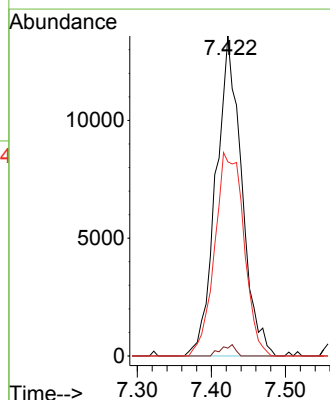
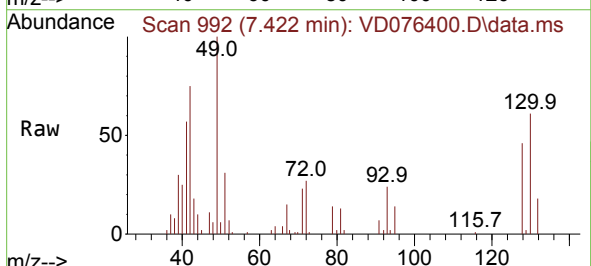
Tgt Ion: 49 Resp: 32795

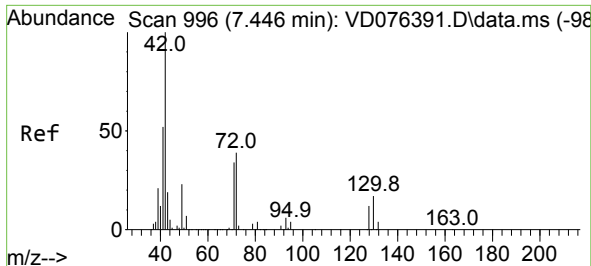
Ion Ratio Lower Upper

49 100

129 2.0 0.0 6.0

130 72.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 95.755 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBSD01

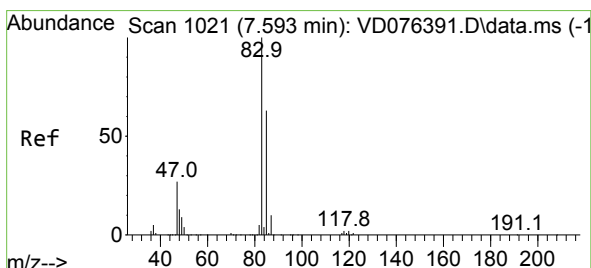
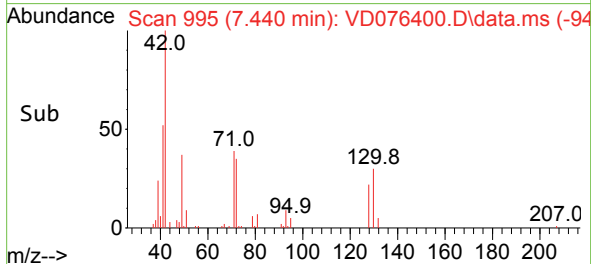
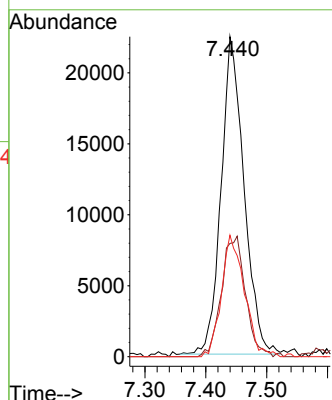
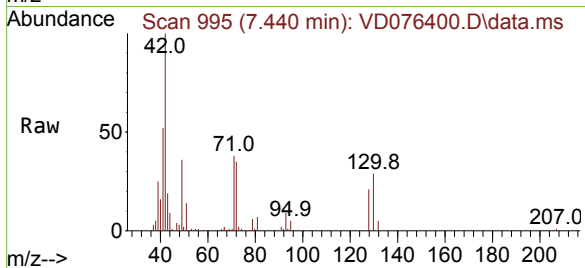
Tgt Ion: 42 Resp: 58508

Ion Ratio Lower Upper

42 100

72 39.7 46.5 69.7#

71 38.3 44.5 66.7#



#30

Chloroform

Concen: 19.504 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076400.D

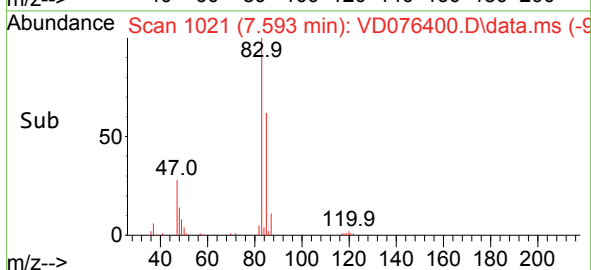
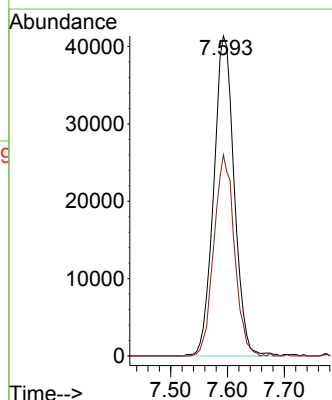
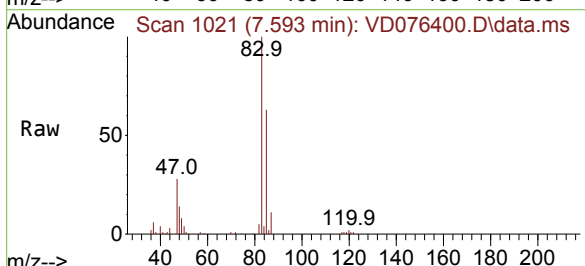
Acq: 13 Jun 2023 12:49

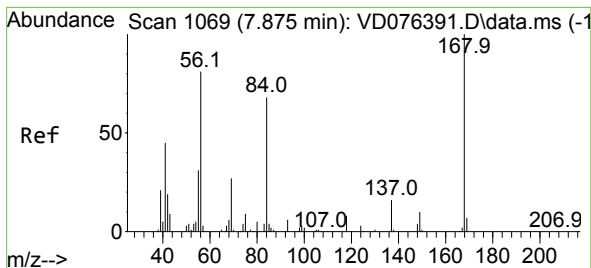
Tgt Ion: 83 Resp: 103592

Ion Ratio Lower Upper

83 100

85 62.9 53.4 80.2





#31

Cyclohexane

Concen: 19.417 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBSD01

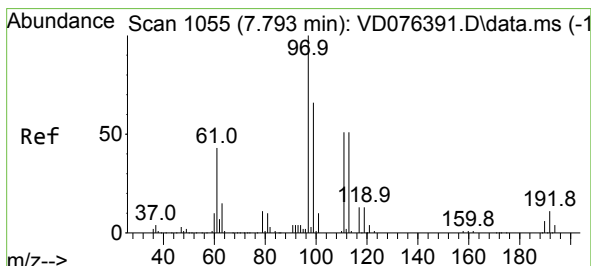
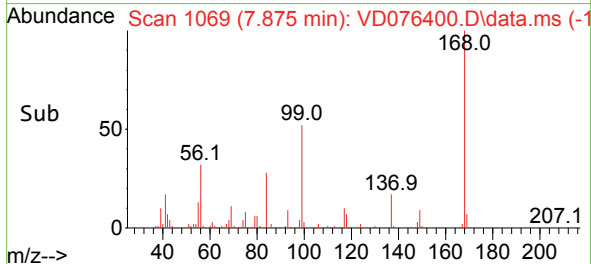
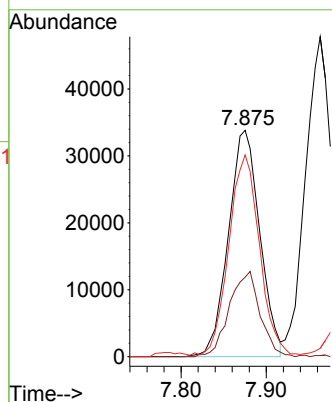
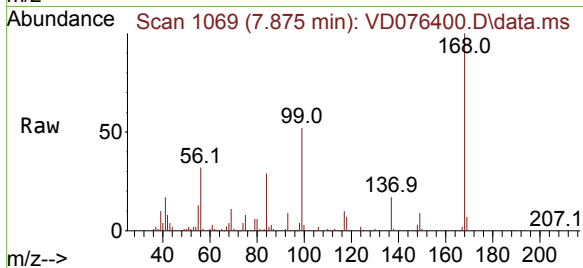
Tgt Ion: 56 Resp: 86540

Ion Ratio Lower Upper

56 100

69 35.2 28.6 43.0

84 87.5 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 19.612 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

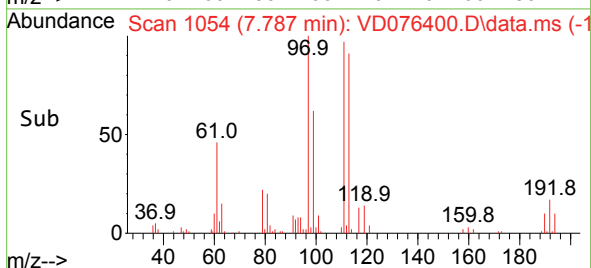
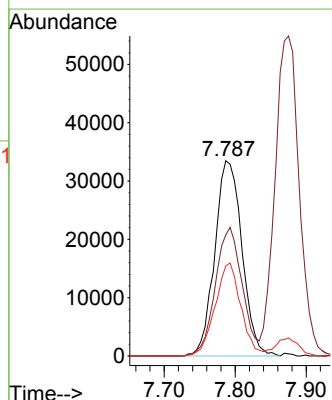
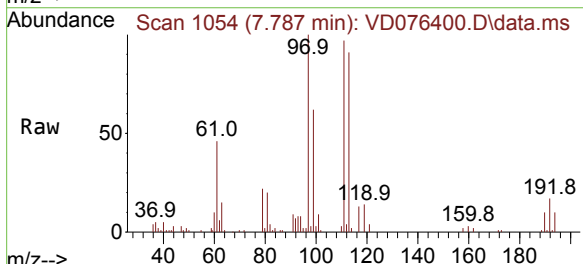
Tgt Ion: 97 Resp: 88961

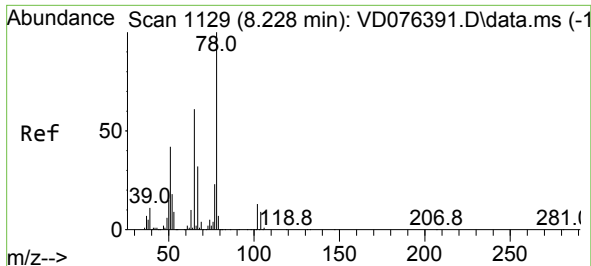
Ion Ratio Lower Upper

97 100

99 65.3 52.0 78.0

61 45.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 46.823 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

Instrument :

MSVOA_D

ClientSampleId :

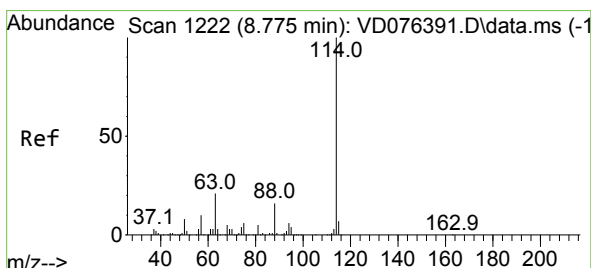
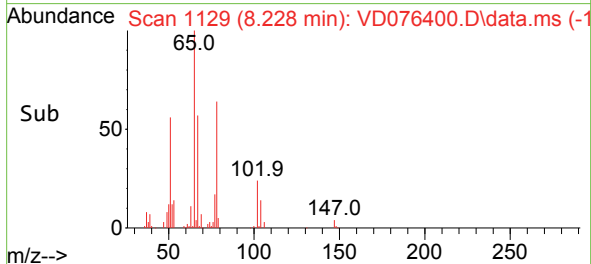
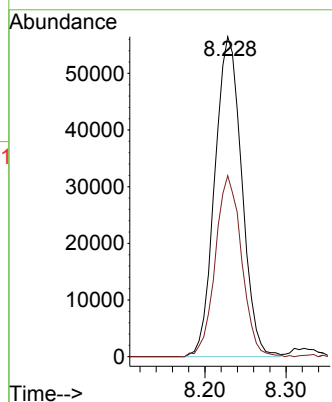
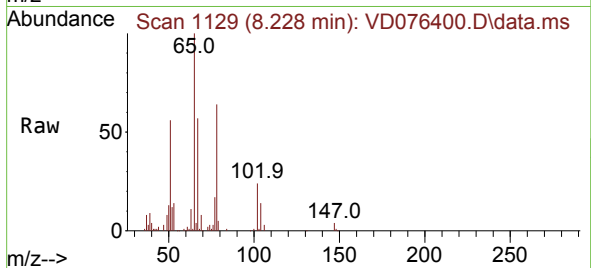
VD0613SBS01

Tgt Ion: 65 Resp: 130425

Ion Ratio Lower Upper

65 100

67 55.1 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: VD076400.D

Acq: 13 Jun 2023 12:49

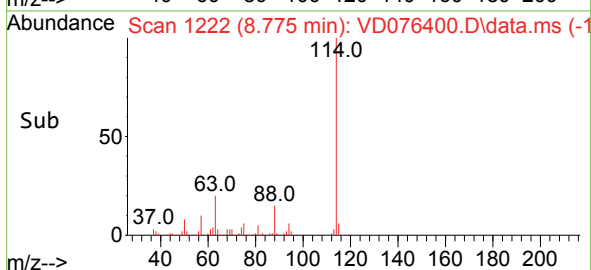
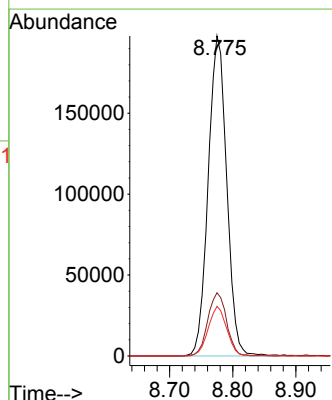
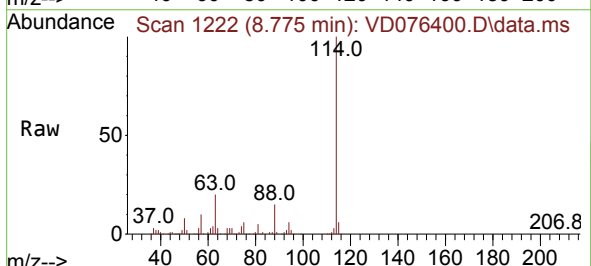
Tgt Ion: 114 Resp: 402731

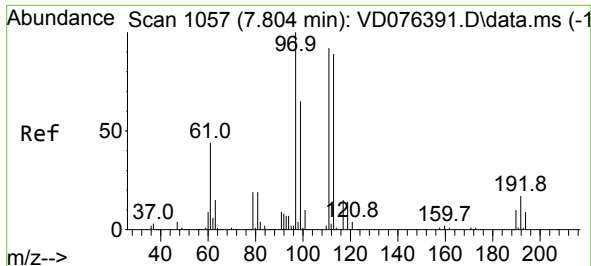
Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.4

88 15.5 0.0 26.2

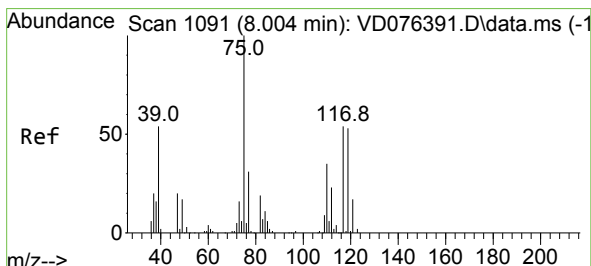
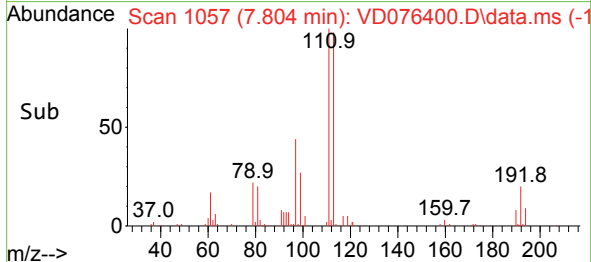
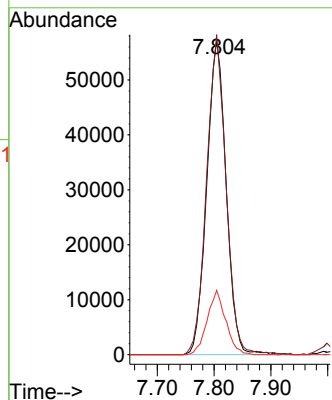
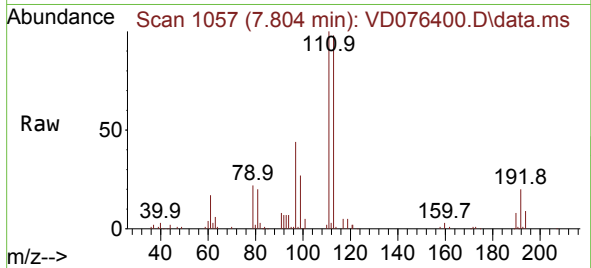




#35
Dibromofluoromethane
Concen: 52.007 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

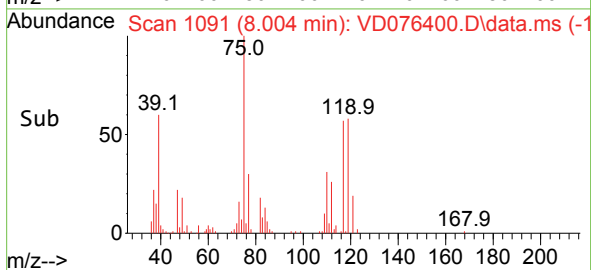
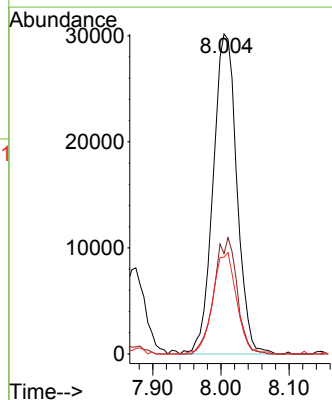
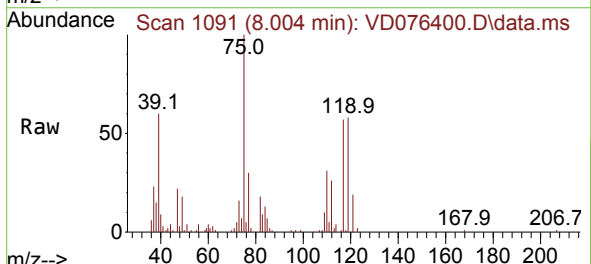
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

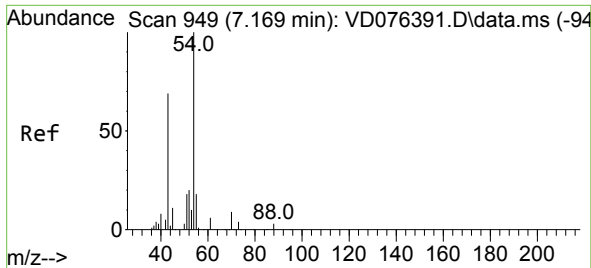
Tgt Ion:113 Resp: 135370
Ion Ratio Lower Upper
113 100
111 102.2 84.7 127.1
192 19.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.257 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion: 75 Resp: 73161
Ion Ratio Lower Upper
75 100
110 35.4 19.9 59.6
77 31.8 24.7 37.1

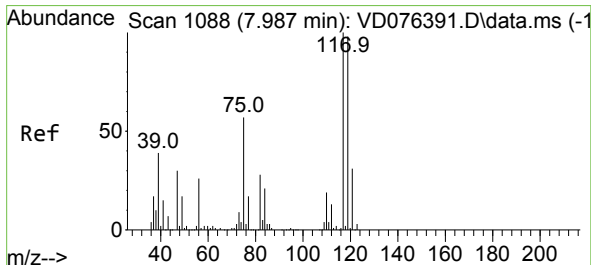
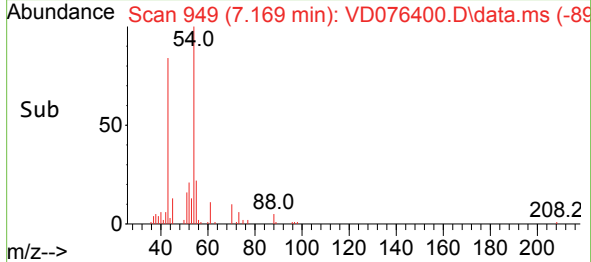
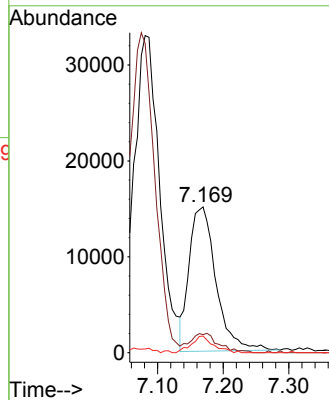
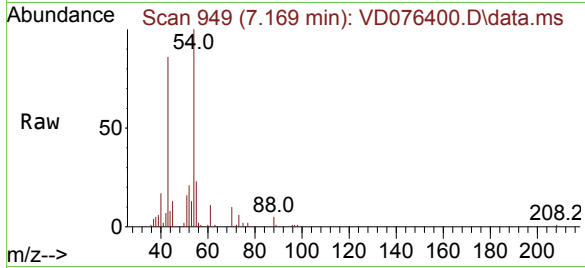




#37
Ethyl Acetate
Concen: 21.405 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

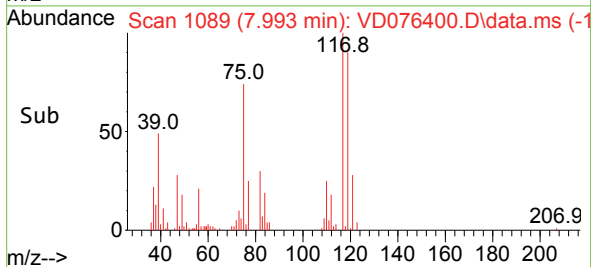
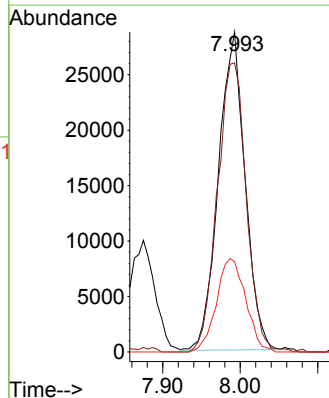
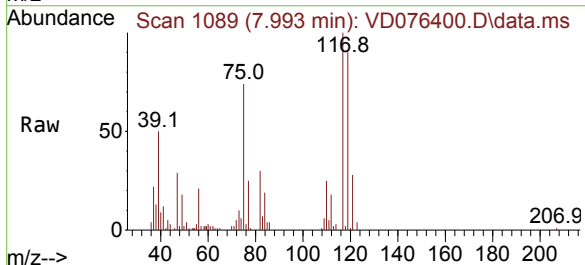
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

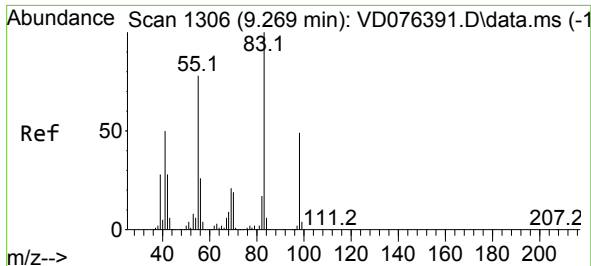
Tgt Ion: 43 Resp: 42774
Ion Ratio Lower Upper
43 100
61 14.2 14.9 22.3#
70 9.4 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 19.367 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion: 117 Resp: 68313
Ion Ratio Lower Upper
117 100
119 91.0 78.0 117.0
121 28.4 24.2 36.2





#39

Methylcyclohexane

Concen: 20.184 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. 0.006 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBSD01

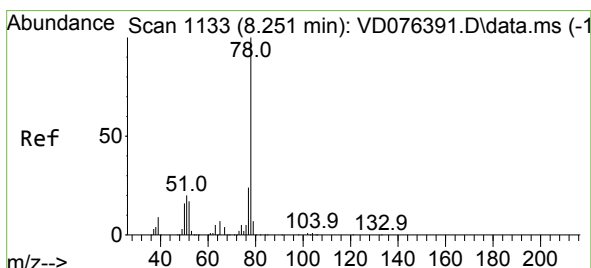
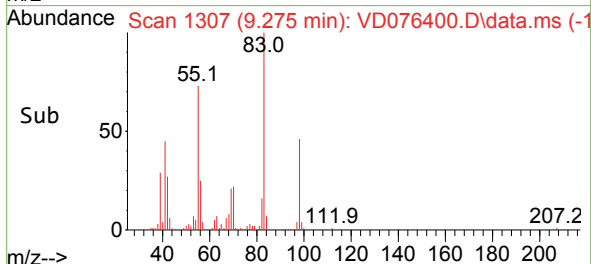
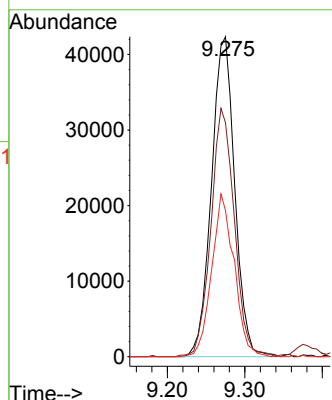
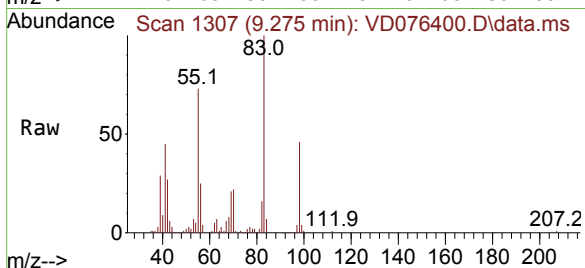
Tgt Ion: 83 Resp: 88294

Ion Ratio Lower Upper

83 100

55 72.7 49.4 74.0

98 45.7 38.4 57.6



#40

Benzene

Concen: 20.151 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD076400.D

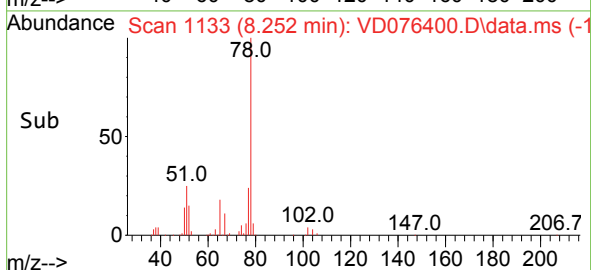
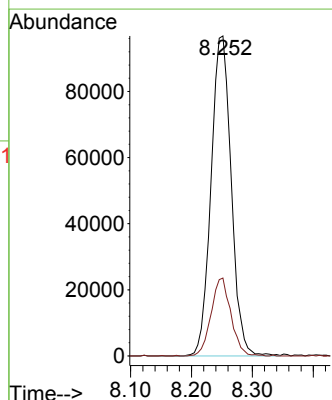
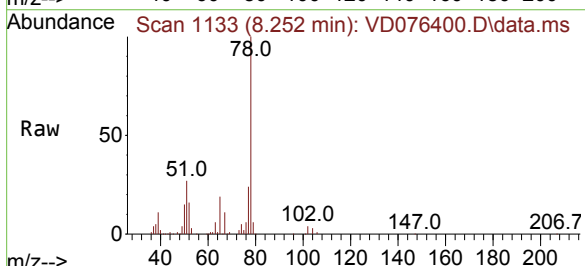
Acq: 13 Jun 2023 12:49

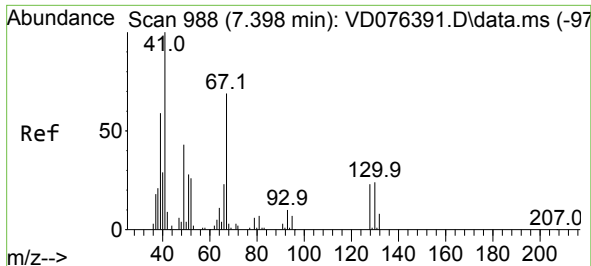
Tgt Ion: 78 Resp: 222563

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0

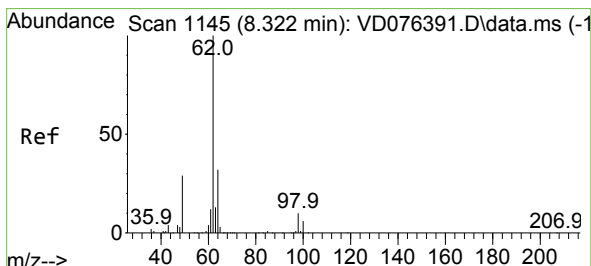
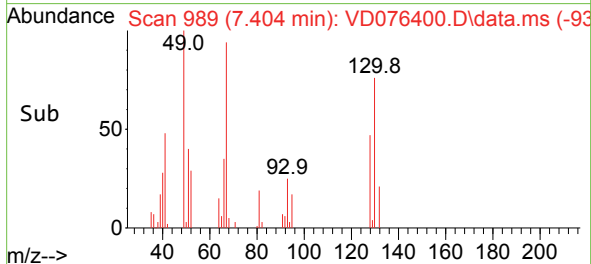
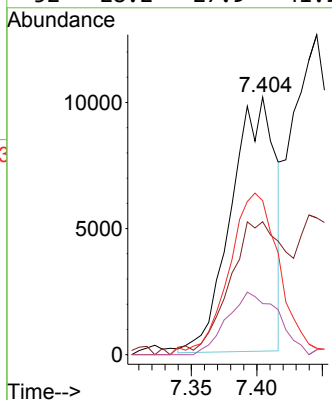
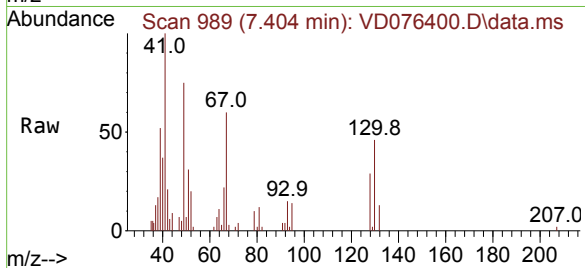




#41
Methacrylonitrile
Concen: 18.510 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

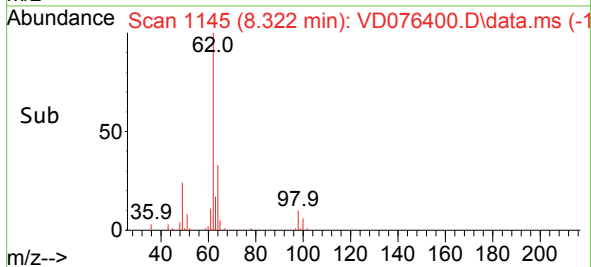
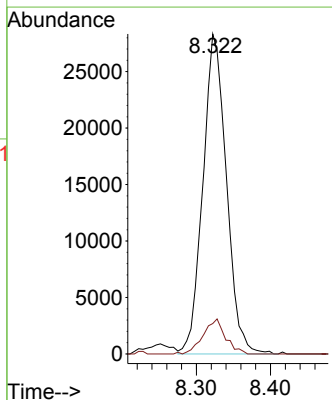
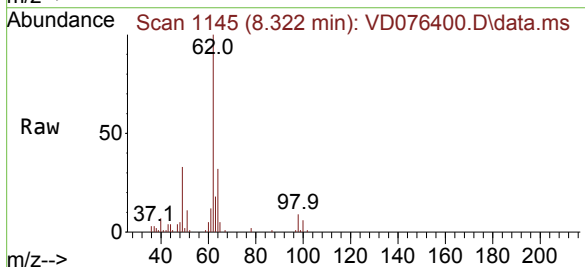
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

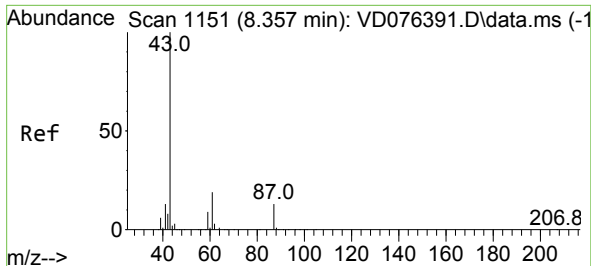
Tgt Ion: 41 Resp: 23662
Ion Ratio Lower Upper
41 100
39 68.0 34.0 51.0#
67 72.1 77.0 115.4#
52 28.2 27.9 41.9



#42
1,2-Dichloroethane
Concen: 19.022 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion: 62 Resp: 62564
Ion Ratio Lower Upper
62 100
98 10.4 0.0 25.4

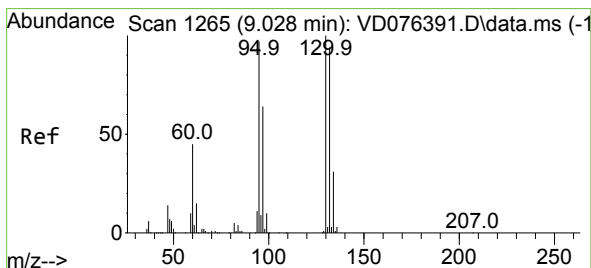
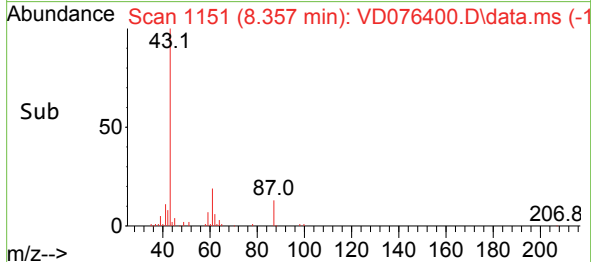
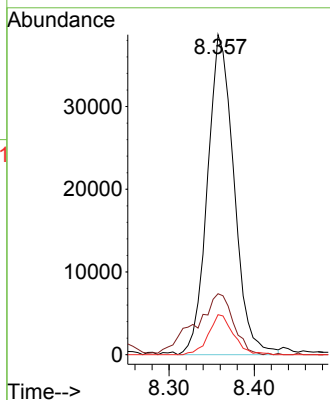
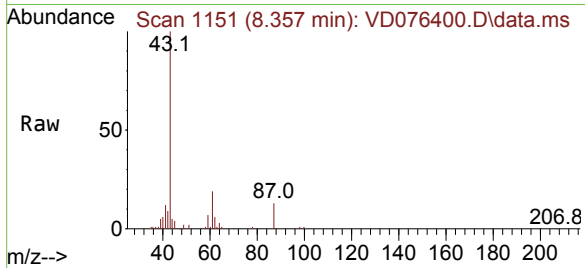




#43
Isopropyl Acetate
Concen: 19.949 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

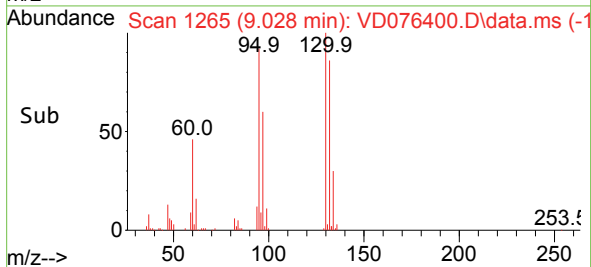
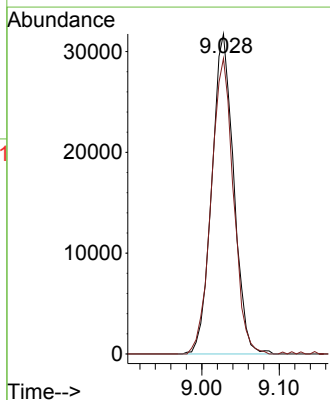
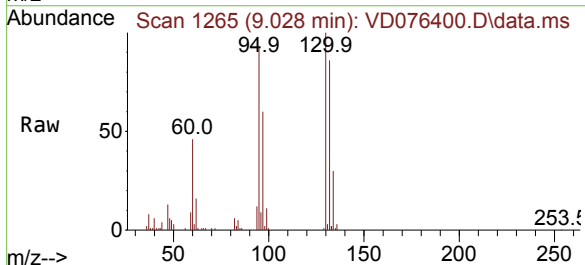
Instrument : MSVOA_D
ClientSampleId : VD0613SBSD01

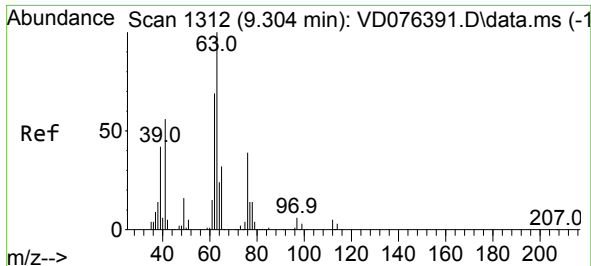
Tgt Ion: 43 Resp: 83581
Ion Ratio Lower Upper
43 100
61 27.4 31.4 47.0#
87 11.8 14.9 22.3#



#44
Trichloroethene
Concen: 20.817 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion:130 Resp: 62328
Ion Ratio Lower Upper
130 100
95 92.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.127 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

Instrument :

MSVOA_D

ClientSampleId :

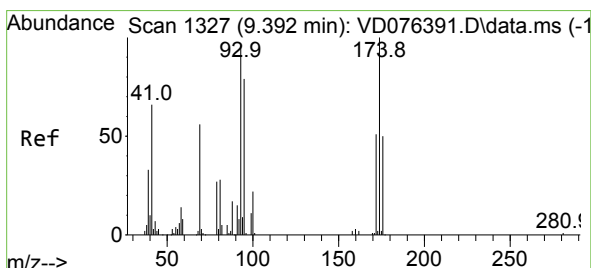
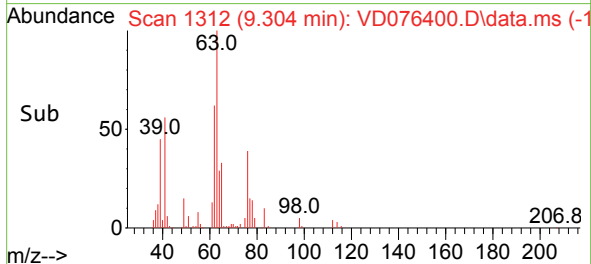
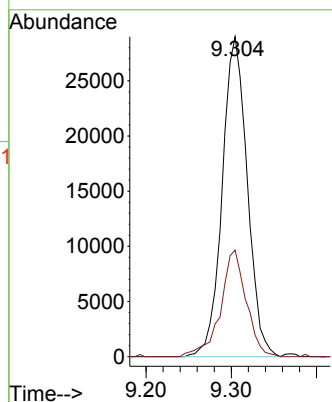
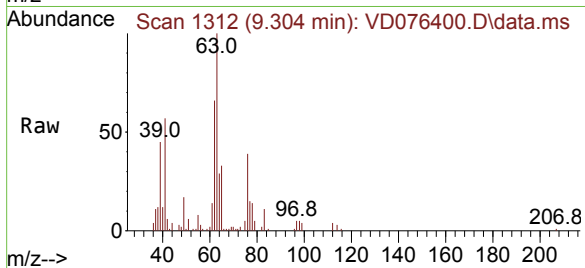
VD0613SBSD01

Tgt Ion: 63 Resp: 59084

Ion Ratio Lower Upper

63 100

65 33.3 24.5 36.7



#46

Dibromomethane

Concen: 19.336 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

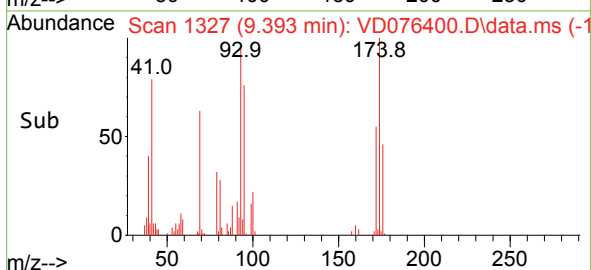
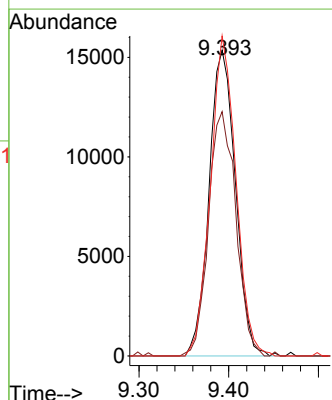
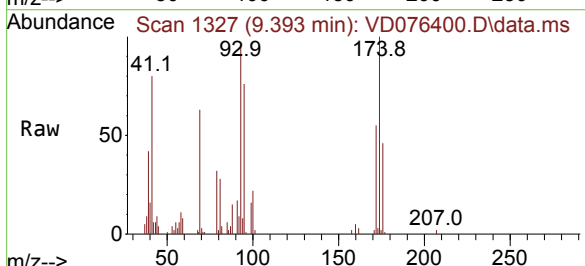
Tgt Ion: 93 Resp: 31325

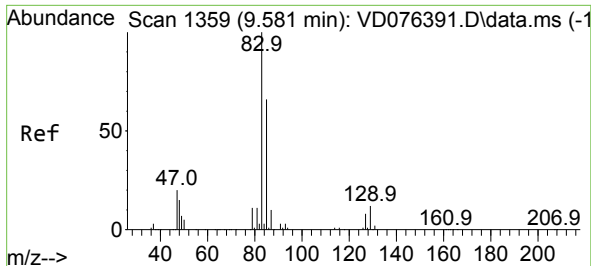
Ion Ratio Lower Upper

93 100

95 82.9 67.7 101.5

174 101.5 85.4 128.2

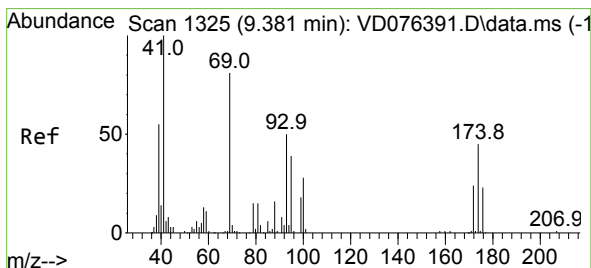
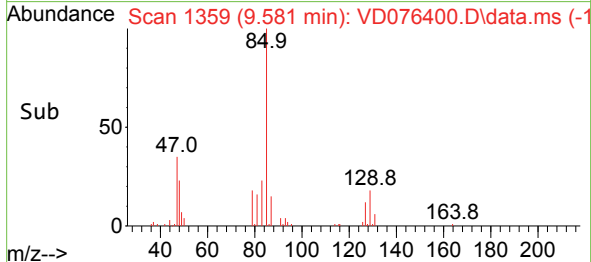
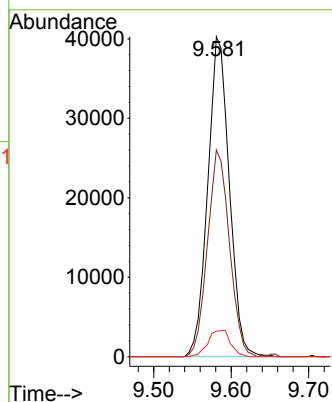
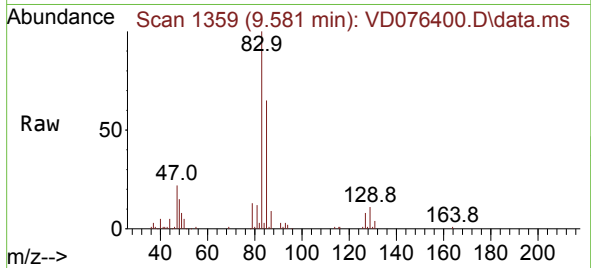




#47
Bromodichloromethane
Concen: 19.364 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

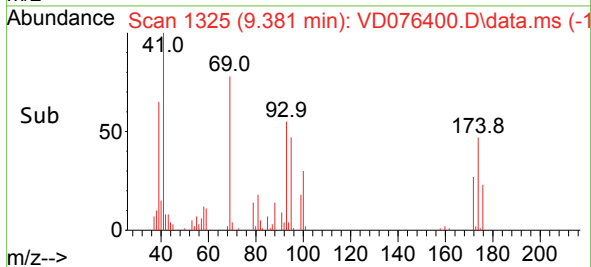
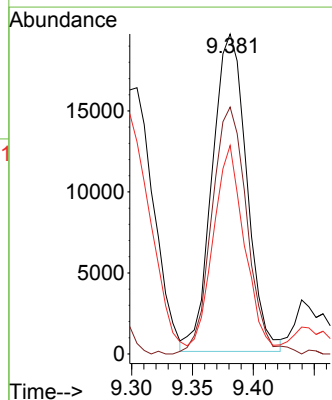
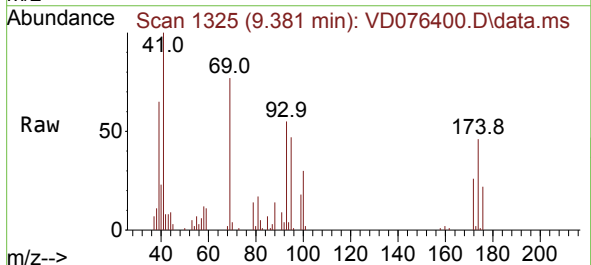
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

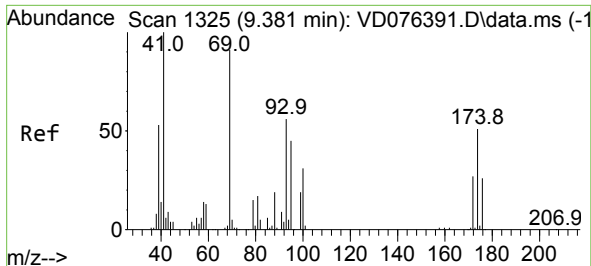
Tgt Ion: 83 Resp: 77711
Ion Ratio Lower Upper
83 100
85 64.6 50.2 75.4
127 8.0 6.3 9.5



#48
Methyl methacrylate
Concen: 19.261 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion: 41 Resp: 38678
Ion Ratio Lower Upper
41 100
69 79.1 102.2 153.2#
39 56.0 41.4 62.2





#49

1,4-Dioxane

Concen: 385.513 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBSD01

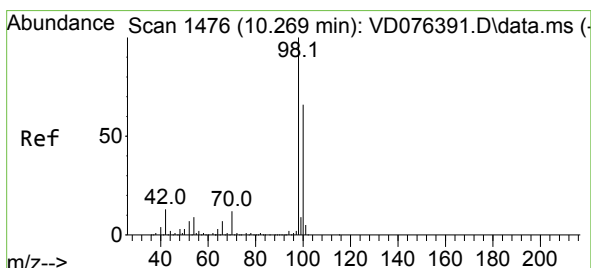
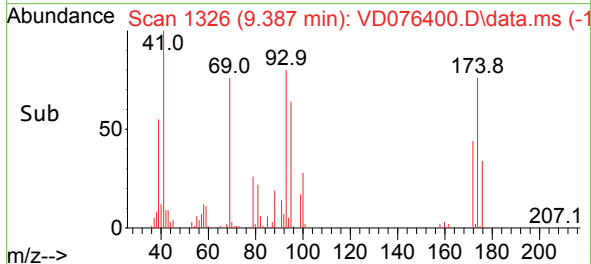
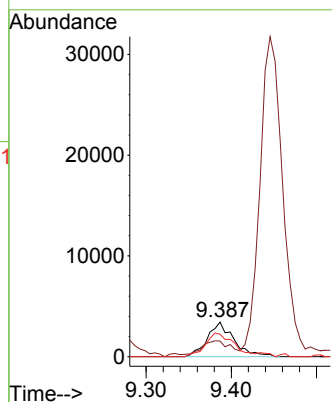
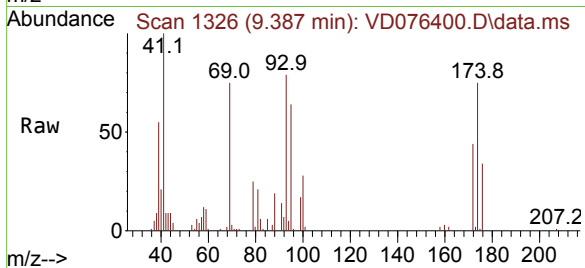
Tgt Ion: 88 Resp: 7410

Ion Ratio Lower Upper

88 100

43 41.1 19.0 28.6#

58 72.3 43.5 65.3#



#50

Toluene-d8

Concen: 50.342 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076400.D

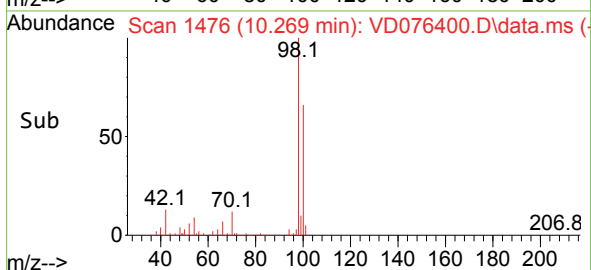
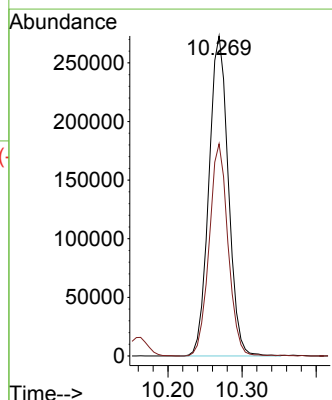
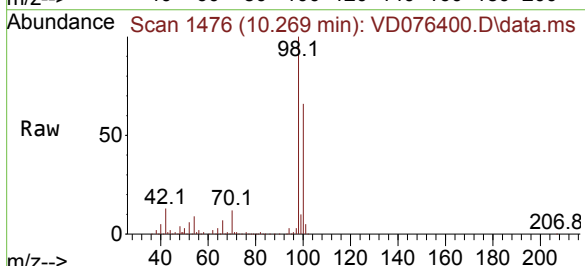
Acq: 13 Jun 2023 12:49

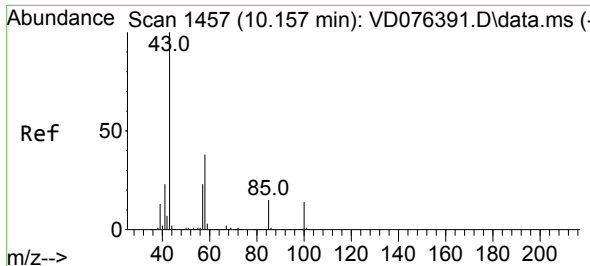
Tgt Ion: 98 Resp: 496572

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5

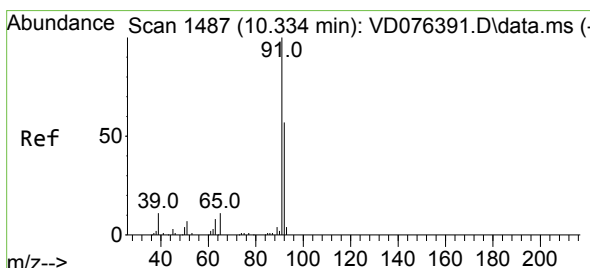
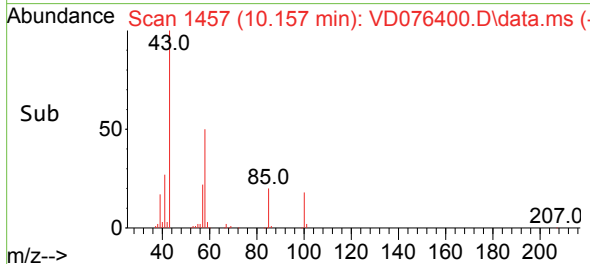
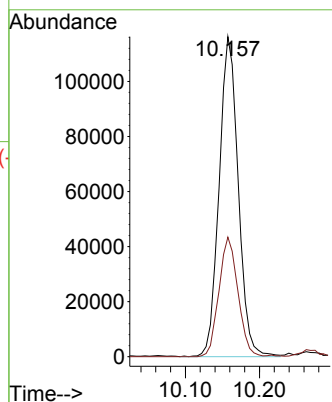
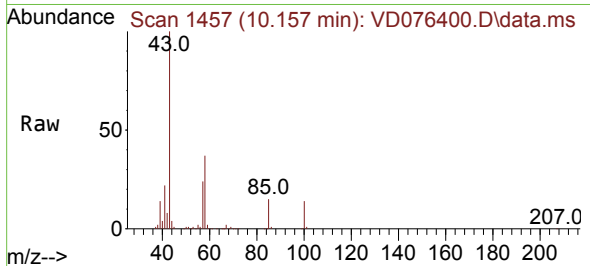




#51
4-Methyl-2-Pentanone
Concen: 100.073 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

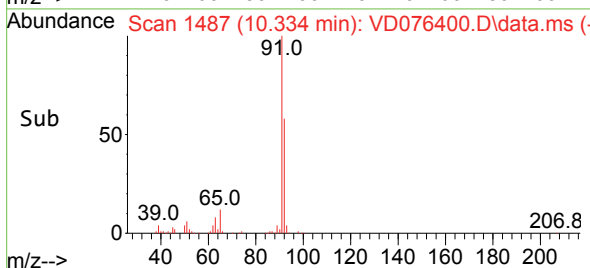
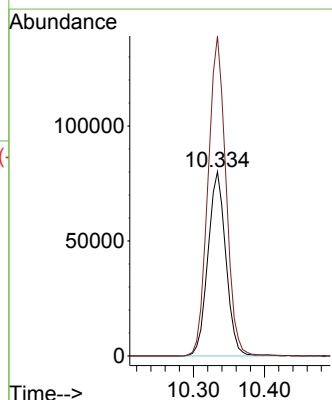
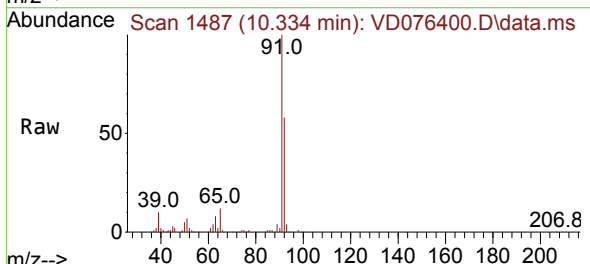
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

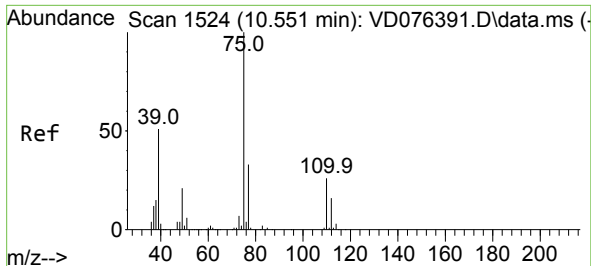
Tgt Ion: 43 Resp: 208244
Ion Ratio Lower Upper
43 100
58 37.2 38.9 58.3#



#52
Toluene
Concen: 20.111 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion: 92 Resp: 140421
Ion Ratio Lower Upper
92 100
91 174.2 143.0 214.4

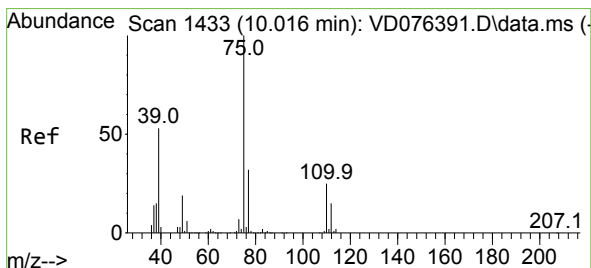
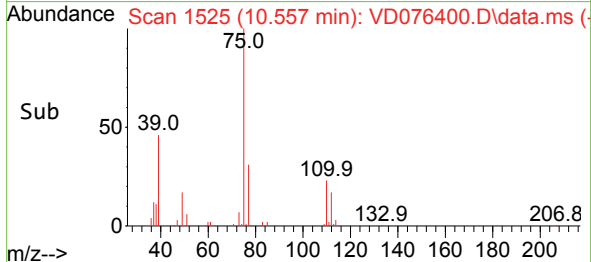
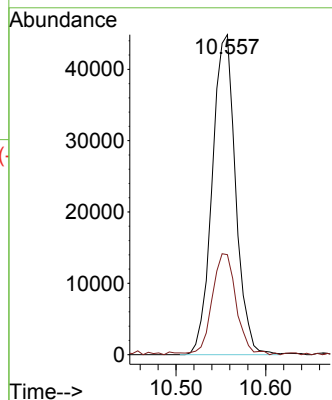
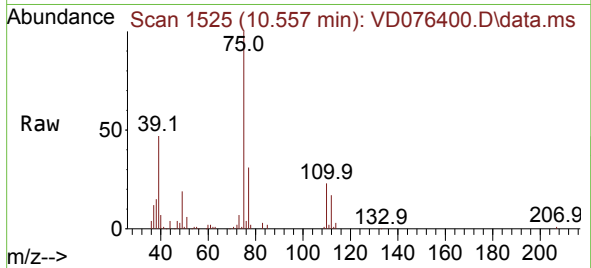




#53
 t-1,3-Dichloropropene
 Concen: 19.792 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD076400.D
 Acq: 13 Jun 2023 12:49

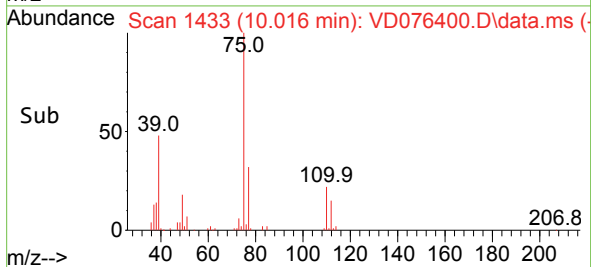
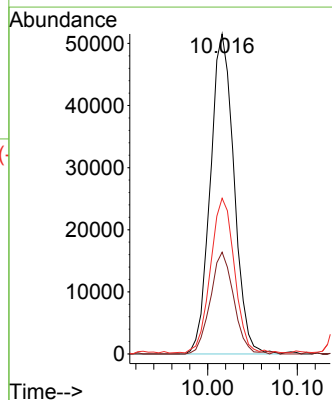
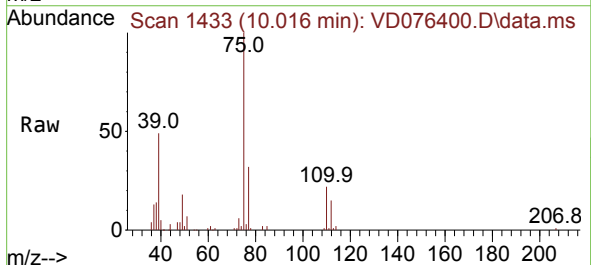
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBSD01

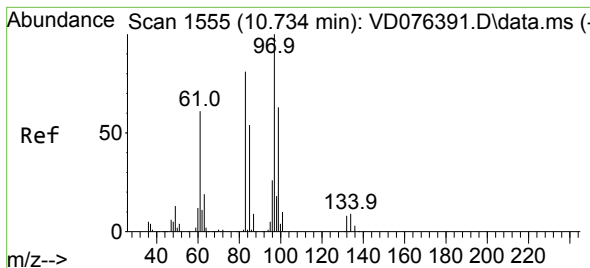
Tgt Ion: 75 Resp: 81239
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.975 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076400.D
 Acq: 13 Jun 2023 12:49

Tgt Ion: 75 Resp: 94290
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.5 38.3
 39 48.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 20.167 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBS01

Tgt Ion: 97 Resp: 43638

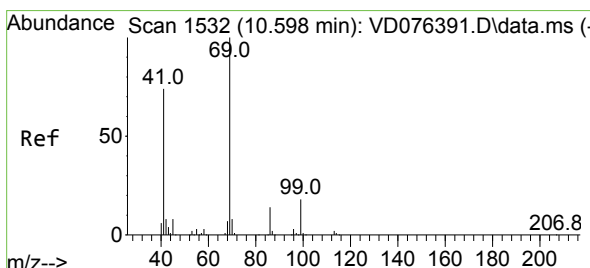
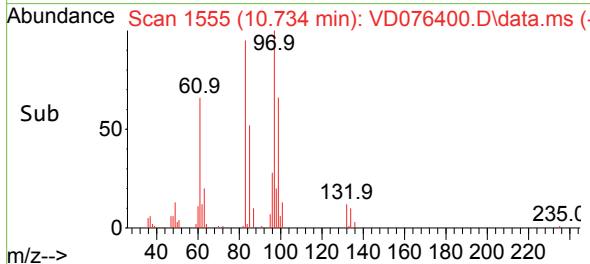
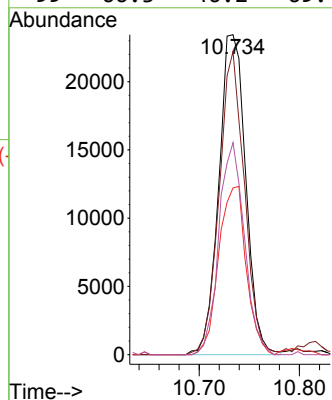
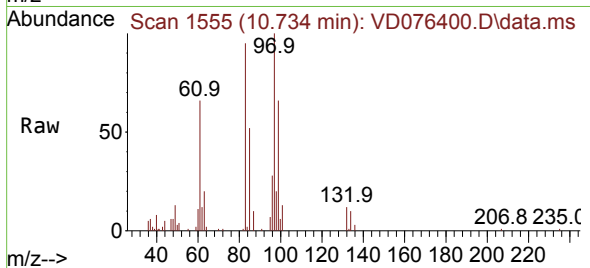
Ion Ratio Lower Upper

97 100

83 94.7 65.8 98.6

85 52.1 45.7 68.5

99 66.3 46.2 69.4



#56

Ethyl methacrylate

Concen: 19.903 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

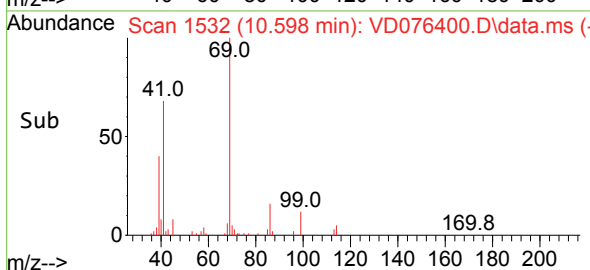
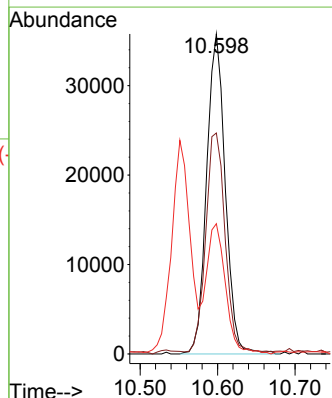
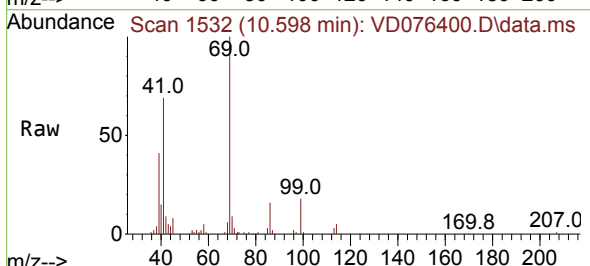
Tgt Ion: 69 Resp: 59810

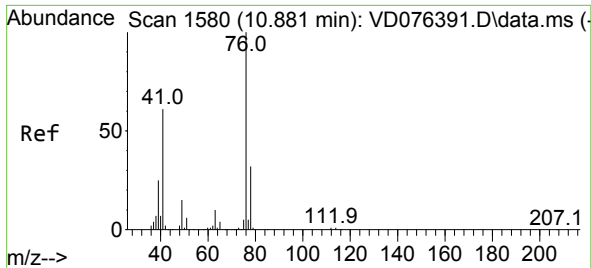
Ion Ratio Lower Upper

69 100

41 71.3 39.1 58.7#

39 42.4 20.0 30.0#

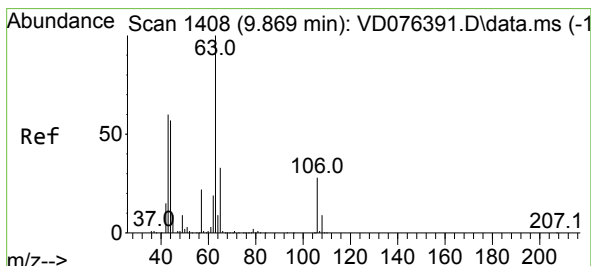
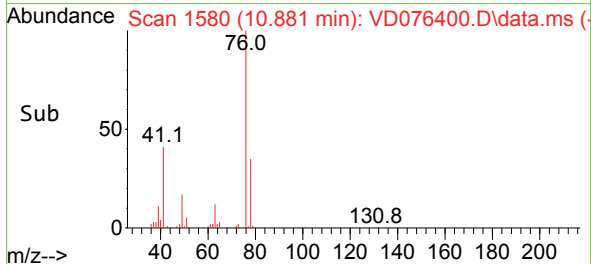
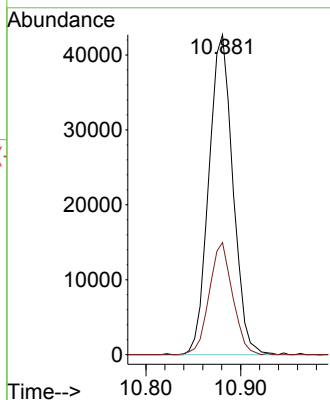
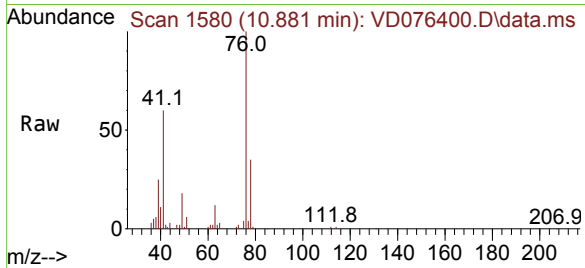




#57
1,3-Dichloropropane
Concen: 20.008 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

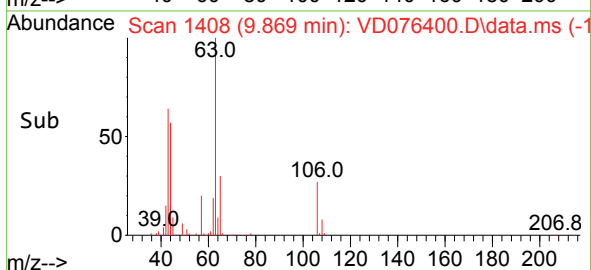
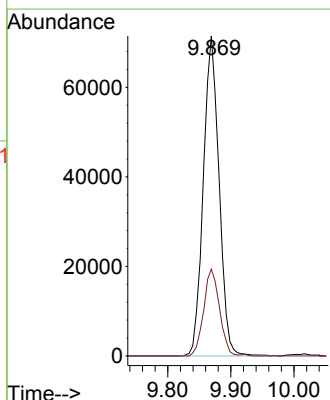
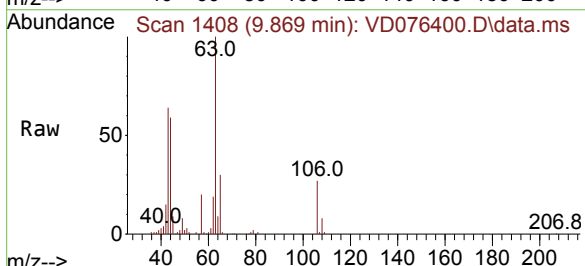
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

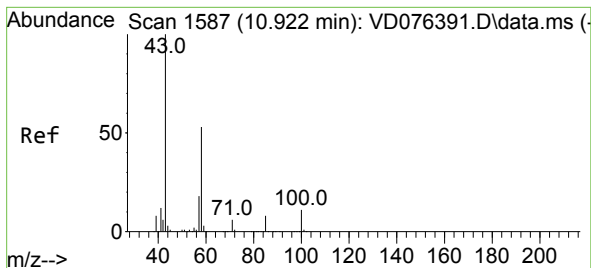
Tgt Ion: 76 Resp: 75316
Ion Ratio Lower Upper
76 100
78 34.0 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 101.170 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion: 63 Resp: 123838
Ion Ratio Lower Upper
63 100
106 27.4 25.3 37.9

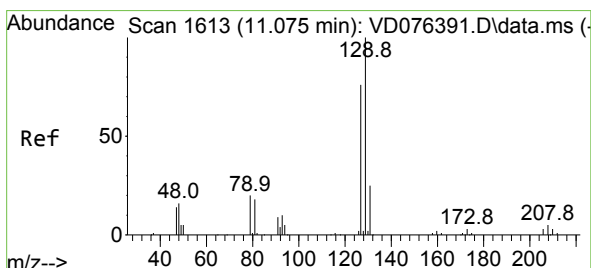
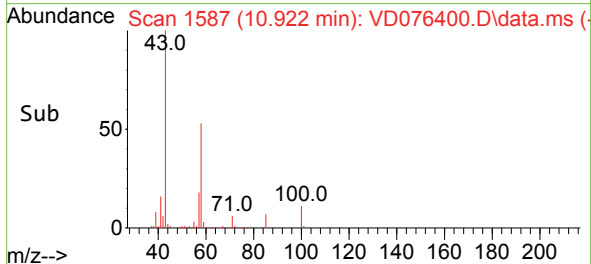
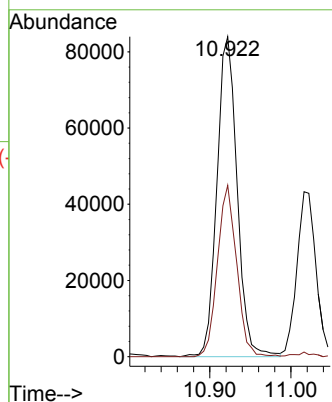
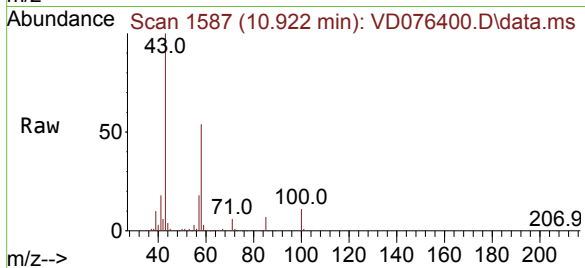




#59
2-Hexanone
Concen: 99.672 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

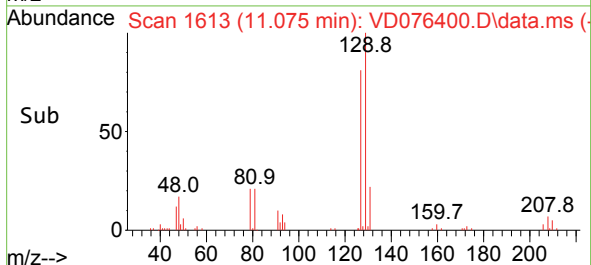
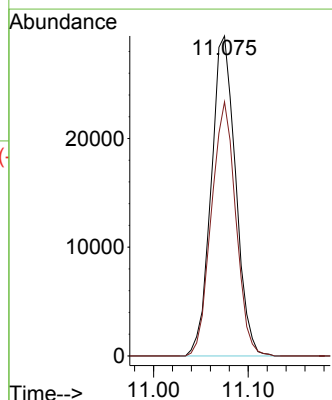
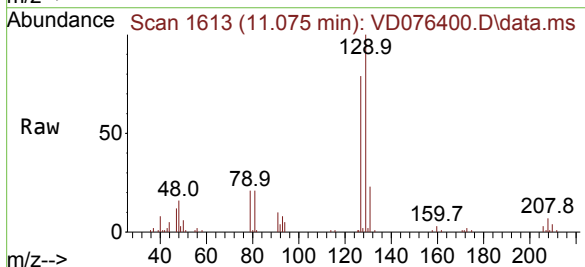
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

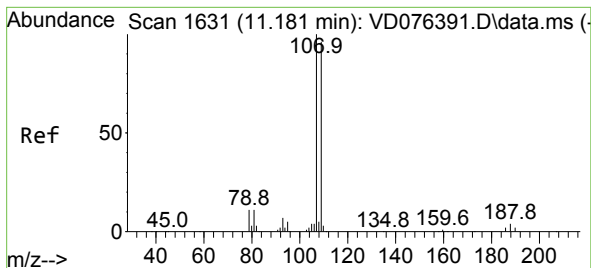
Tgt Ion: 43 Resp: 145386
Ion Ratio Lower Upper
43 100
58 50.9 34.1 102.2



#60
Dibromochloromethane
Concen: 19.685 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion: 129 Resp: 52703
Ion Ratio Lower Upper
129 100
127 79.3 37.1 111.5





#61

1,2-Dibromoethane

Concen: 20.616 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

Instrument :

MSVOA_D

ClientSampleId :

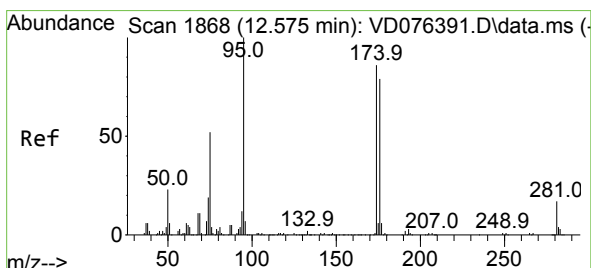
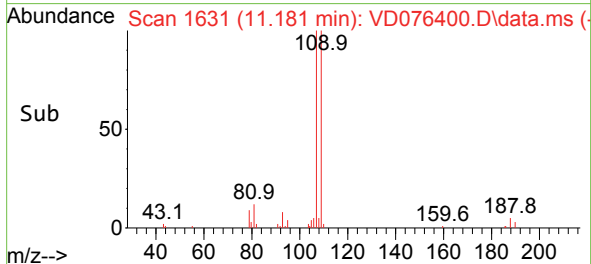
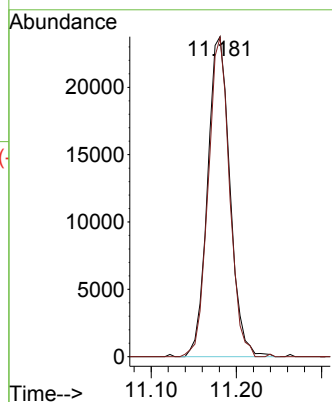
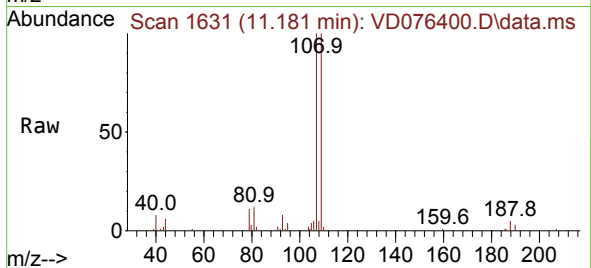
VD0613SBSD01

Tgt Ion:107 Resp: 43280

Ion Ratio Lower Upper

107 100

109 95.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 48.356 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

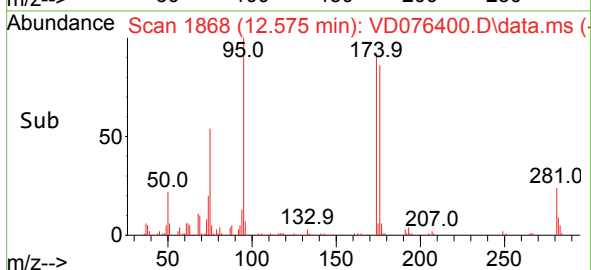
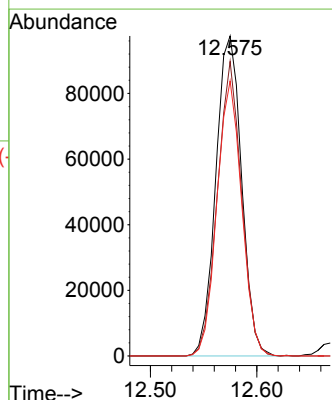
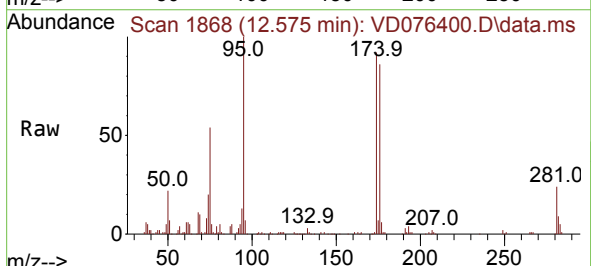
Tgt Ion: 95 Resp: 163631

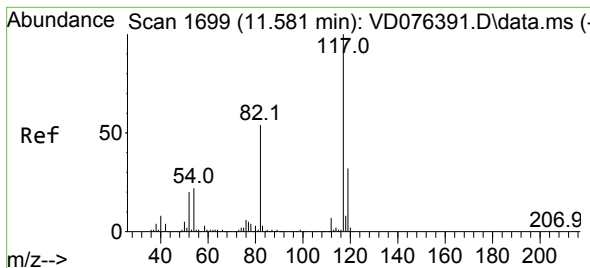
Ion Ratio Lower Upper

95 100

174 86.5 0.0 201.8

176 82.6 0.0 191.8

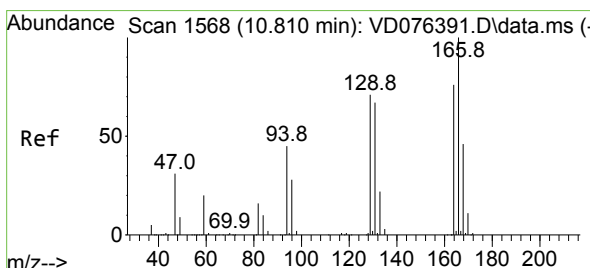
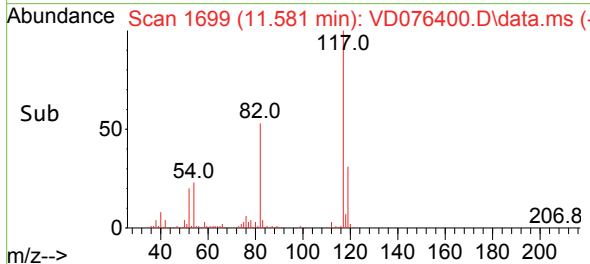
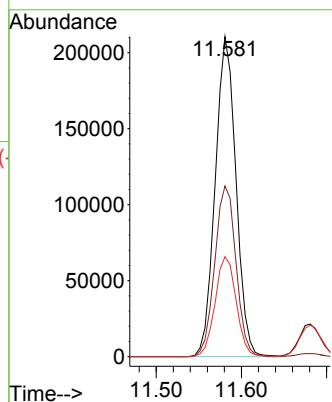
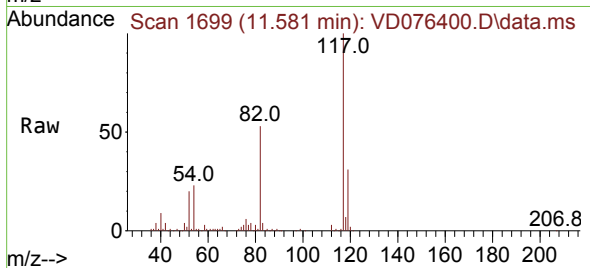




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

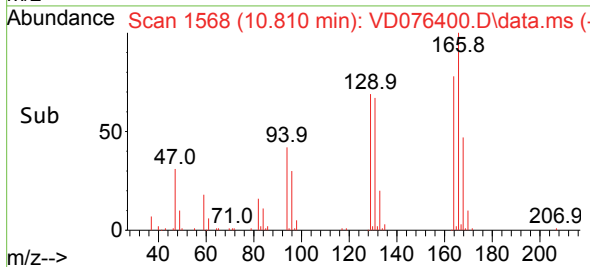
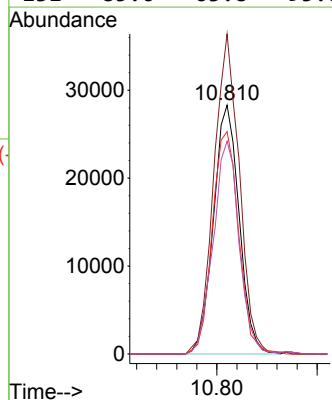
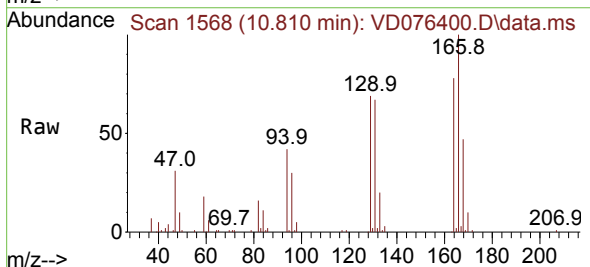
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

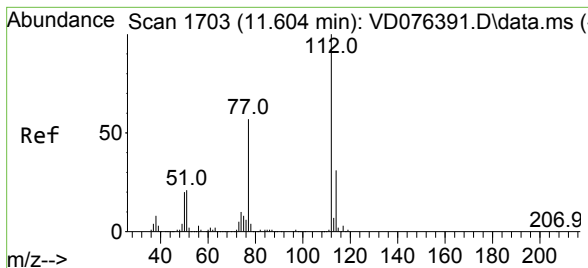
Tgt Ion:117 Resp: 356218
Ion Ratio Lower Upper
117 100
82 53.4 38.3 57.5
119 31.2 25.0 37.4



#64
Tetrachloroethene
Concen: 20.554 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion:164 Resp: 50265
Ion Ratio Lower Upper
164 100
166 128.6 99.2 148.8
129 89.4 68.4 102.6
131 85.6 63.8 95.8

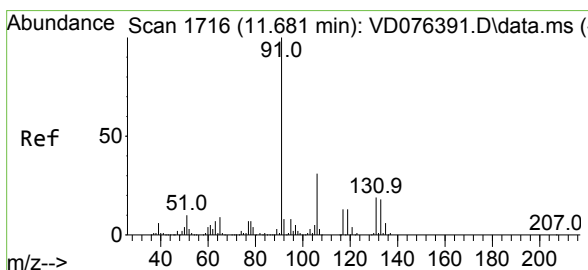
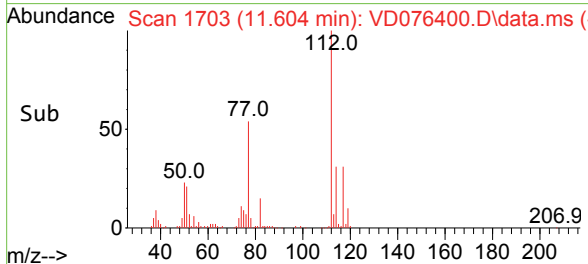
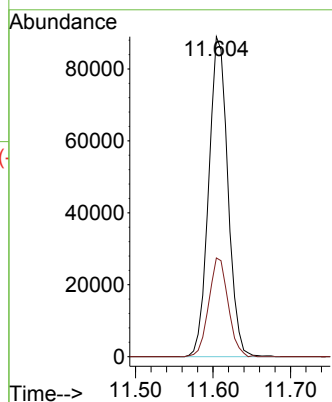
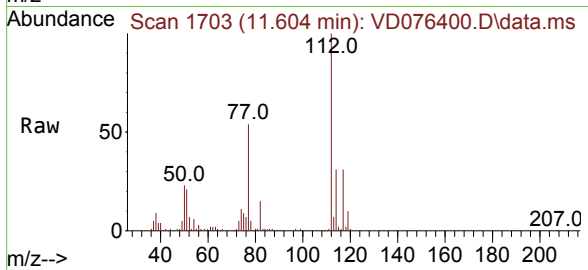




#65
Chlorobenzene
Concen: 20.723 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

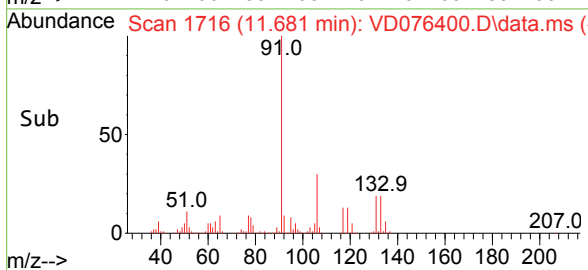
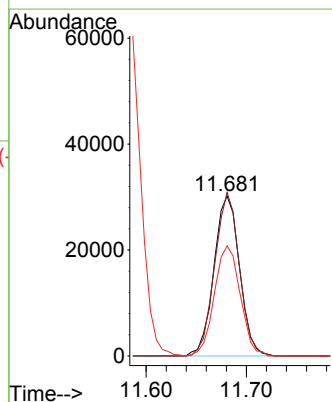
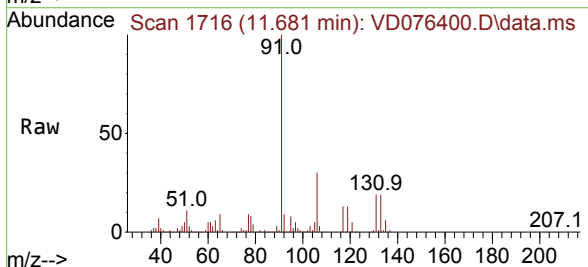
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

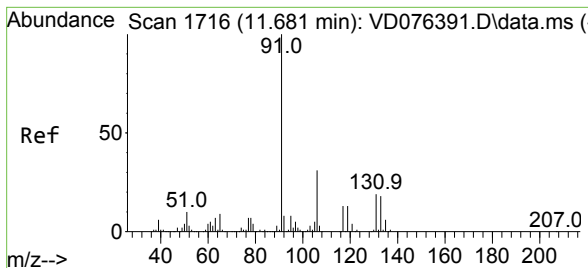
Tgt Ion:112 Resp: 153009
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.358 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion:131 Resp: 53445
Ion Ratio Lower Upper
131 100
133 98.7 48.5 145.5
119 69.6 35.6 106.9

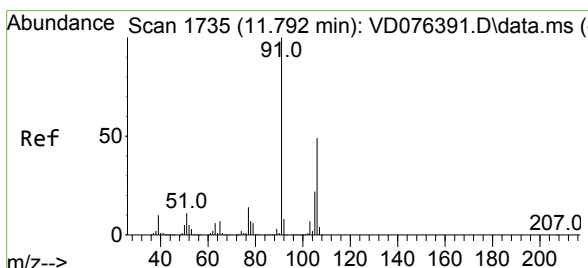
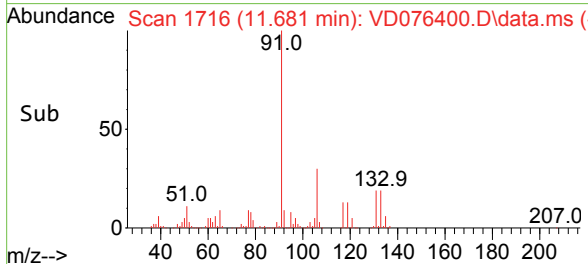
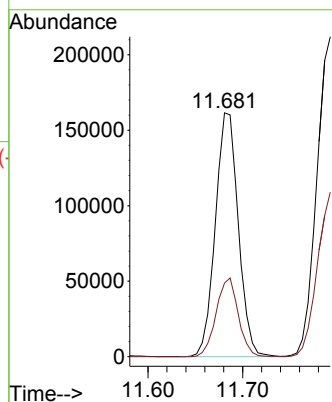
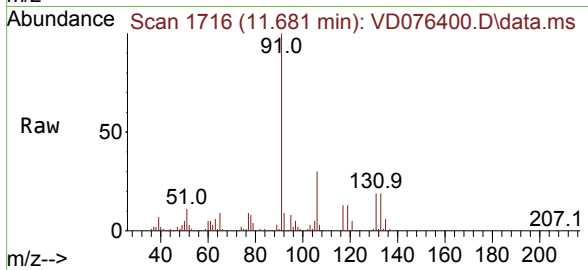




#67
Ethyl Benzene
Concen: 20.041 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

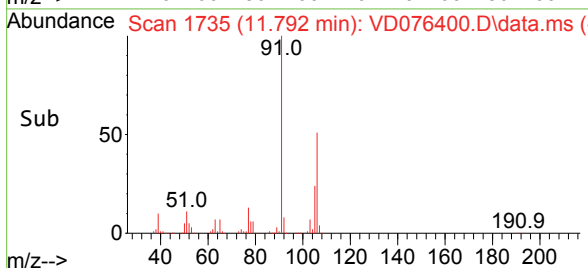
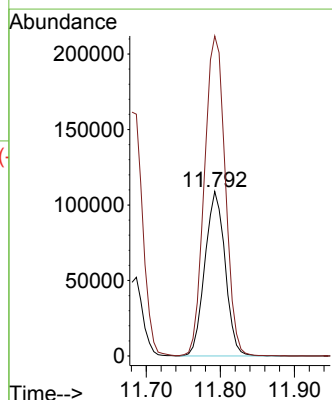
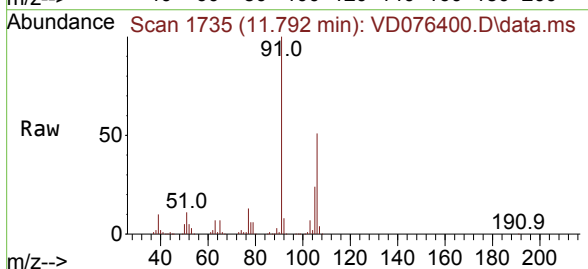
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

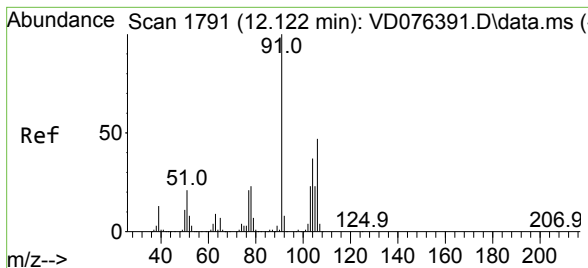
Tgt Ion: 91 Resp: 272546
Ion Ratio Lower Upper
91 100
106 30.2 26.5 39.7



#68
m/p-Xylenes
Concen: 40.193 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion: 106 Resp: 206816
Ion Ratio Lower Upper
106 100
91 199.6 147.0 220.6

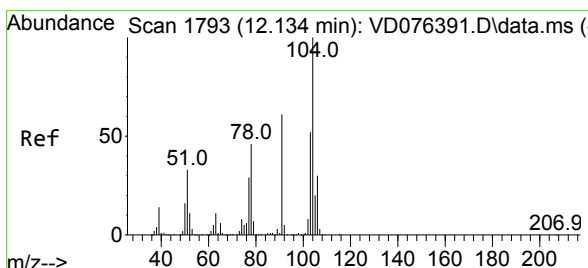
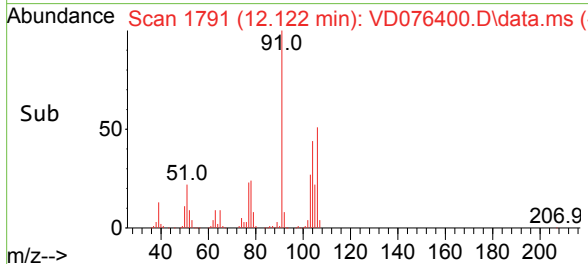
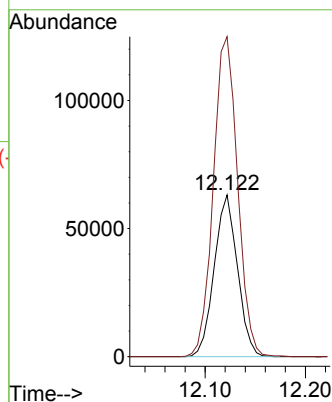
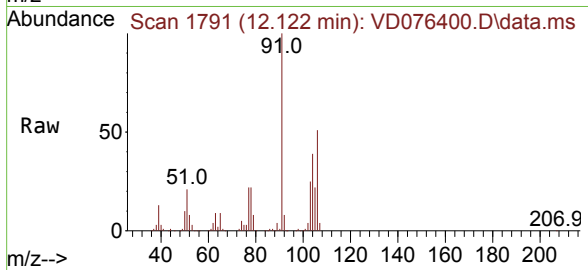




#69
o-Xylene
Concen: 20.519 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

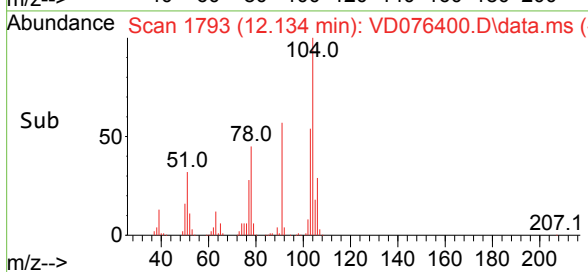
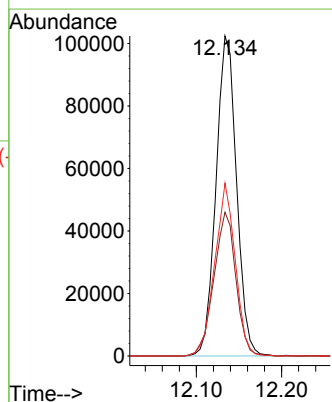
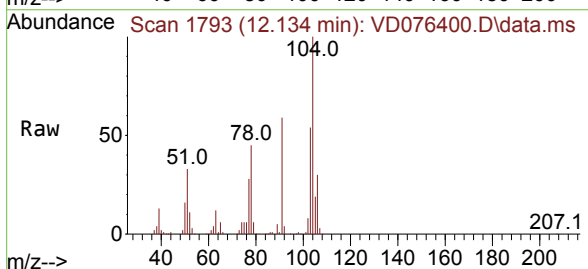
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

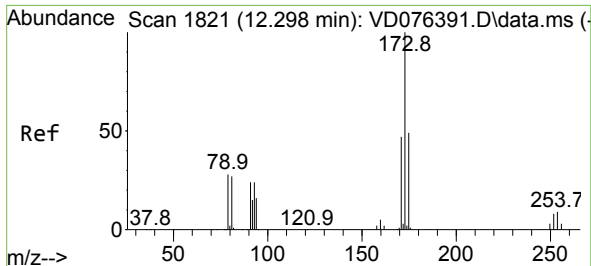
Tgt Ion:106 Resp: 101423
Ion Ratio Lower Upper
106 100
91 206.8 97.9 293.6



#70
Styrene
Concen: 20.344 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion:104 Resp: 171564
Ion Ratio Lower Upper
104 100
78 48.0 33.2 49.8
103 54.0 43.6 65.4

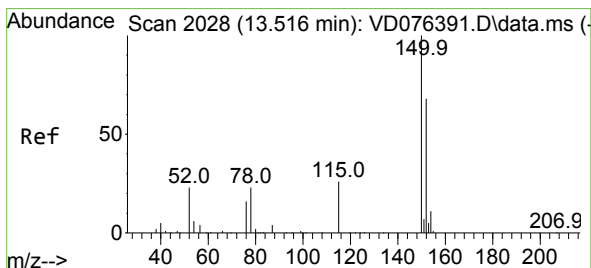
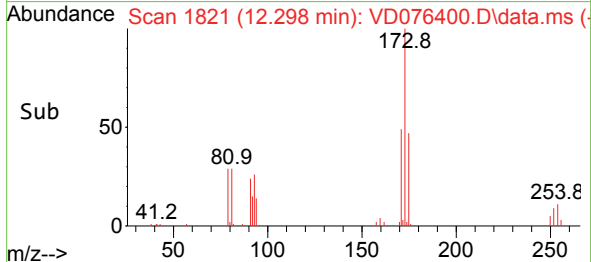
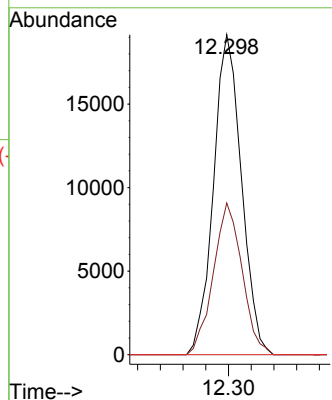
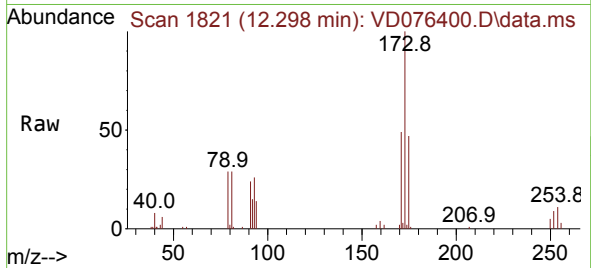




#71
Bromoform
Concen: 20.335 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

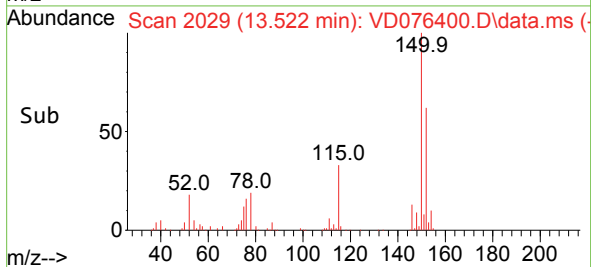
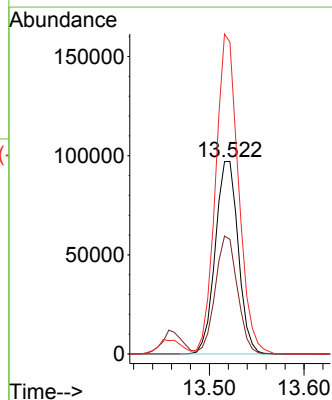
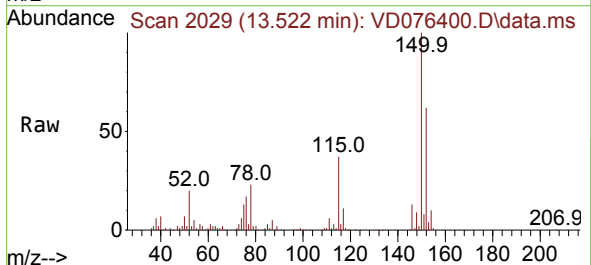
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

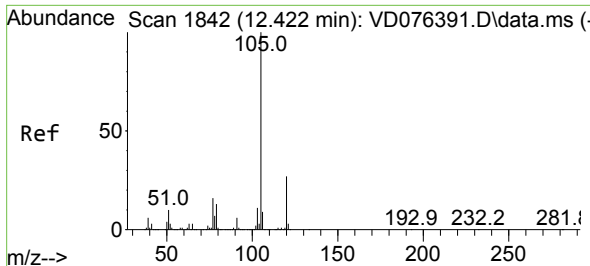
Tgt Ion:173 Resp: 32747
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion:152 Resp: 163824
Ion Ratio Lower Upper
152 100
115 59.3 27.1 81.3
150 166.1 0.0 353.6

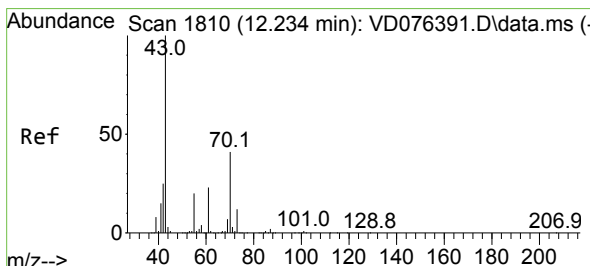
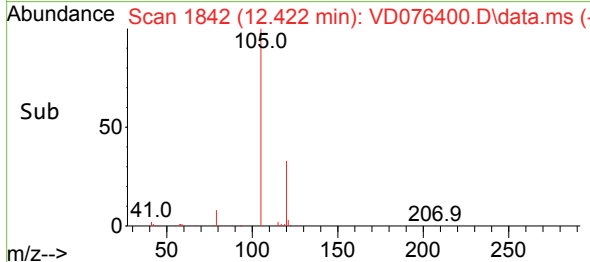
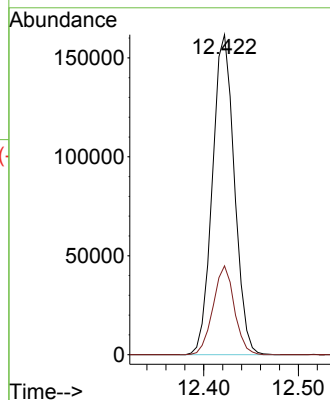
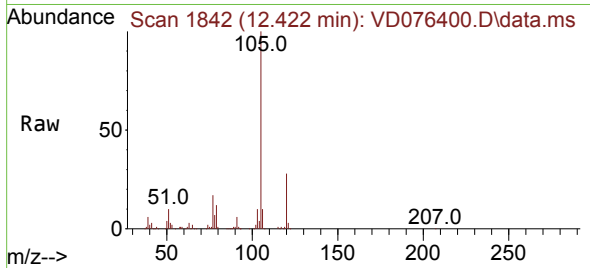




#73
Isopropylbenzene
Concen: 20.996 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

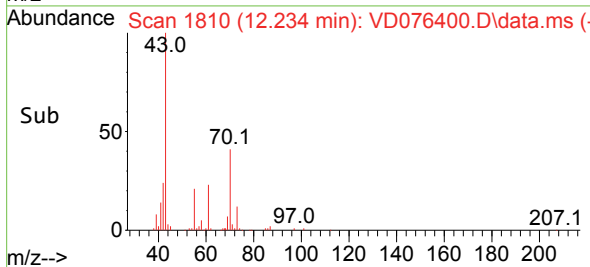
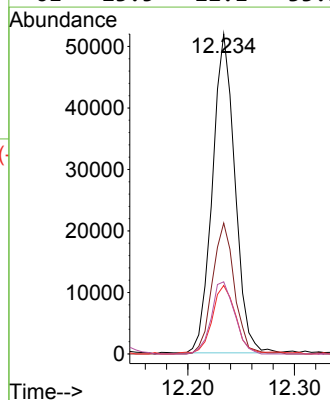
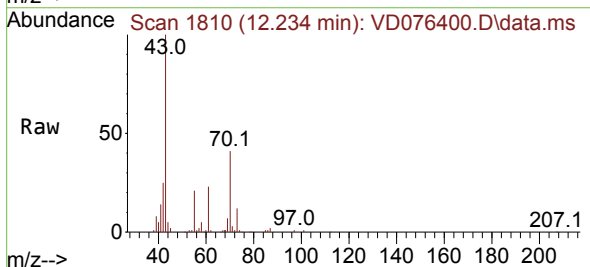
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

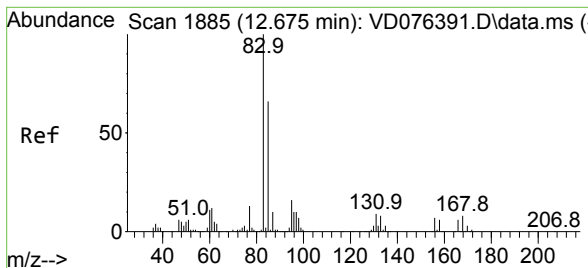
Tgt Ion:105 Resp: 260131
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9



#74
N-ethyl acetate
Concen: 20.143 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion: 43 Resp: 76107
Ion Ratio Lower Upper
43 100
70 40.3 45.0 67.4#
55 22.7 23.8 35.6#
61 23.5 22.1 33.1

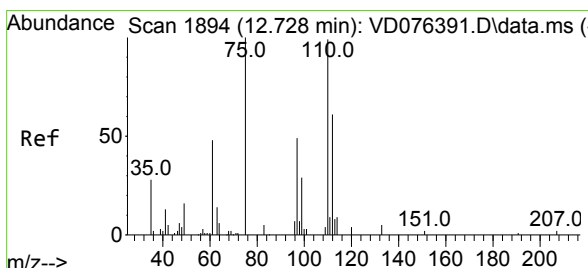
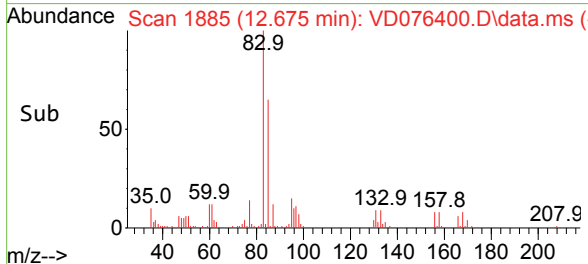
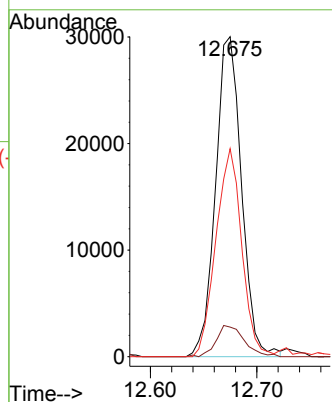
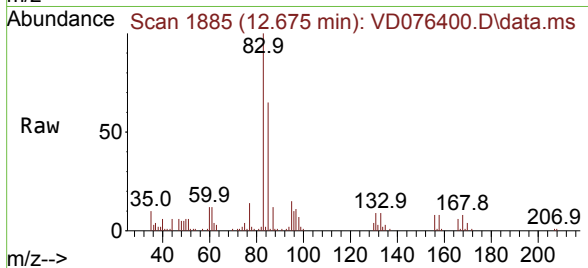




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.772 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD076400.D
 Acq: 13 Jun 2023 12:49

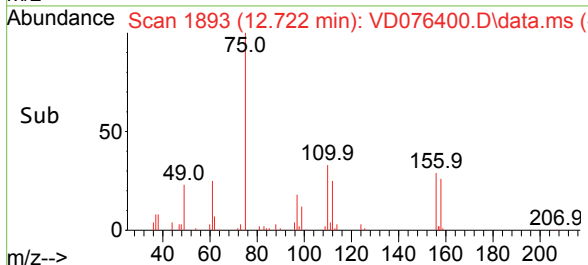
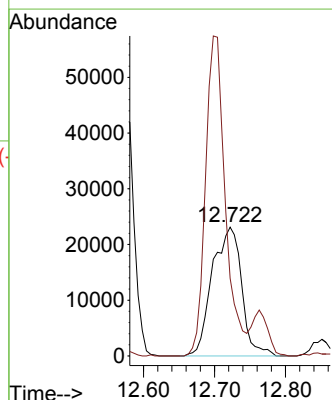
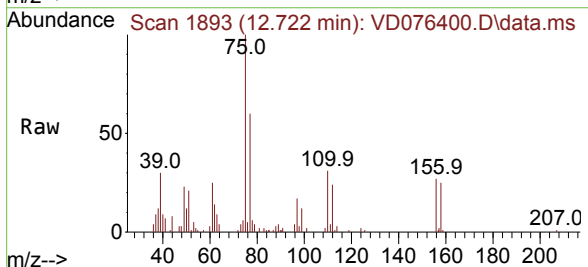
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBS01

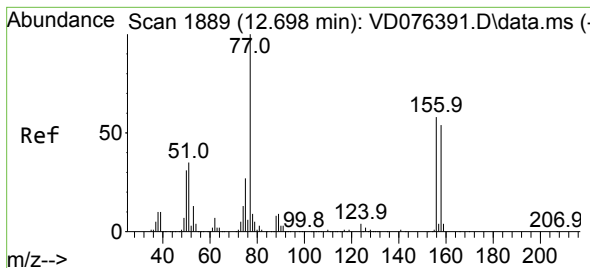
Tgt Ion: 83 Resp: 50821
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.1 15.3
 85 64.6 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 43.451 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VD076400.D
 Acq: 13 Jun 2023 12:49

Tgt Ion: 75 Resp: 66548
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.961 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBSD01

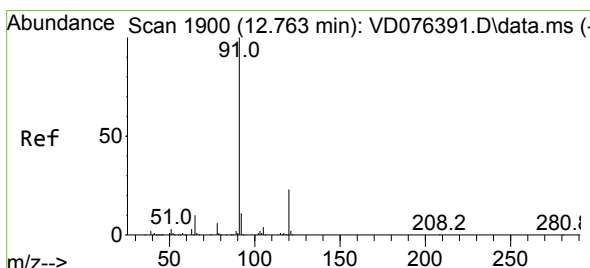
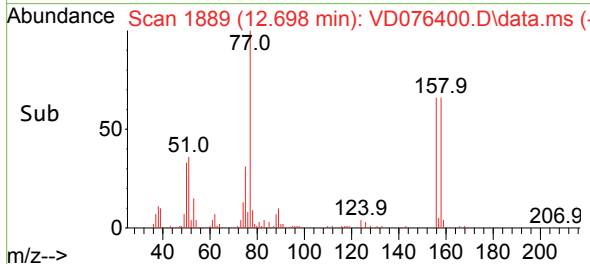
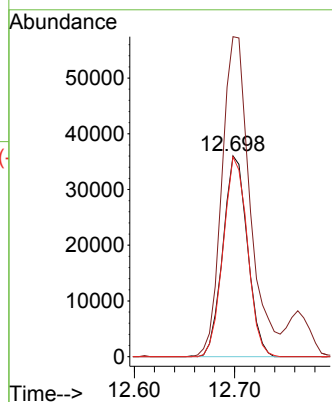
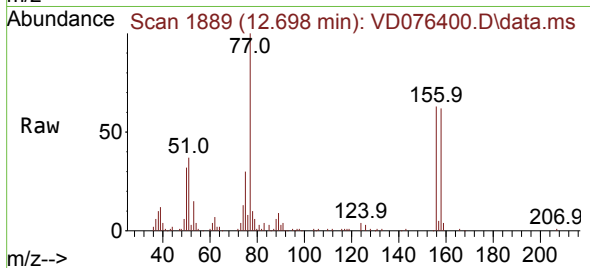
Tgt Ion:156 Resp: 61273

Ion Ratio Lower Upper

156 100

77 182.6 76.8 230.4

158 98.3 48.6 145.9



#78

n-propylbenzene

Concen: 21.379 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076400.D

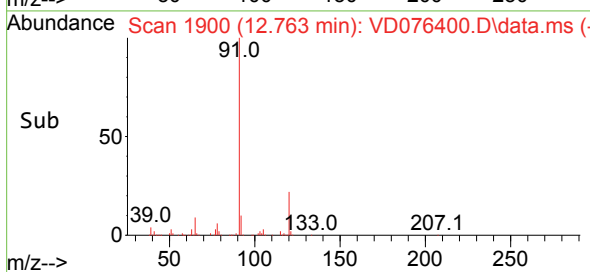
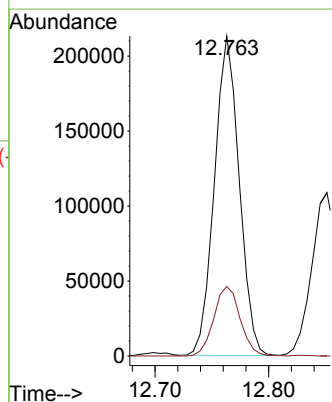
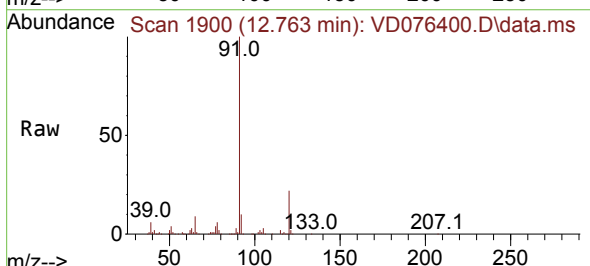
Acq: 13 Jun 2023 12:49

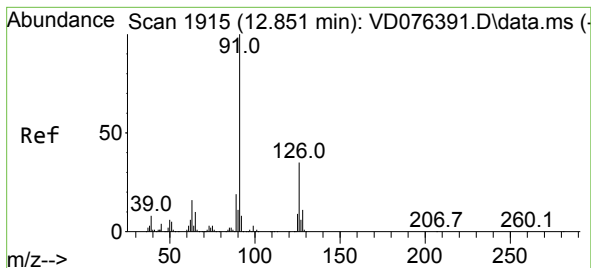
Tgt Ion: 91 Resp: 322858

Ion Ratio Lower Upper

91 100

120 23.0 12.4 37.2





#79

2-Chlorotoluene

Concen: 20.703 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

Instrument :

MSVOA_D

ClientSampleId :

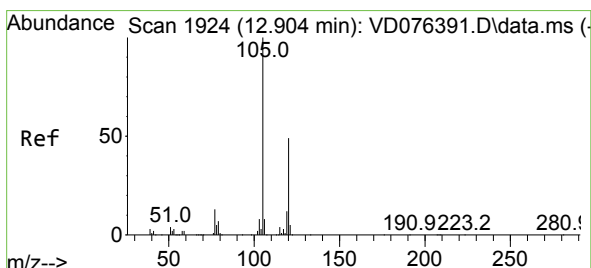
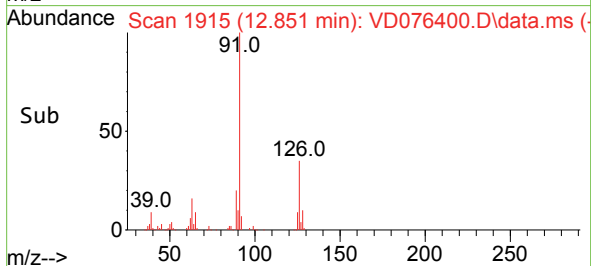
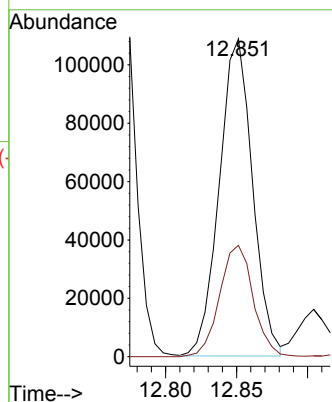
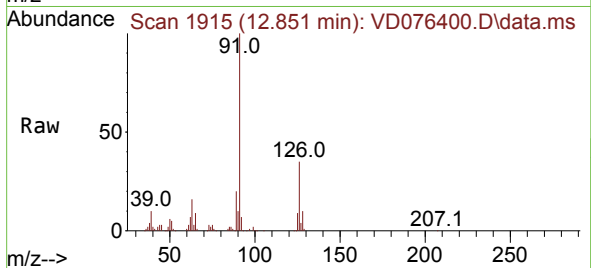
VD0613SBS01

Tgt Ion: 91 Resp: 176923

Ion Ratio Lower Upper

91 100

126 35.4 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 20.823 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076400.D

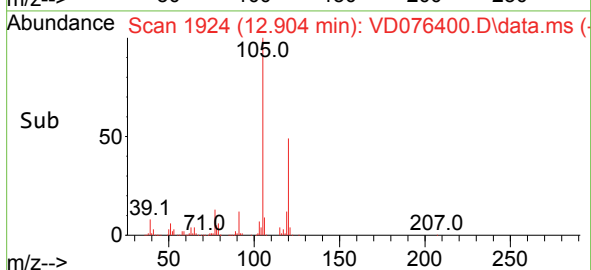
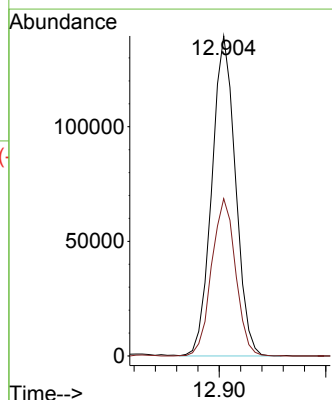
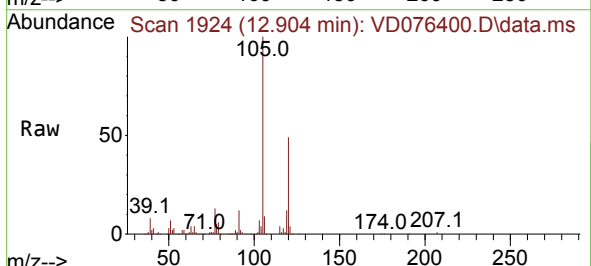
Acq: 13 Jun 2023 12:49

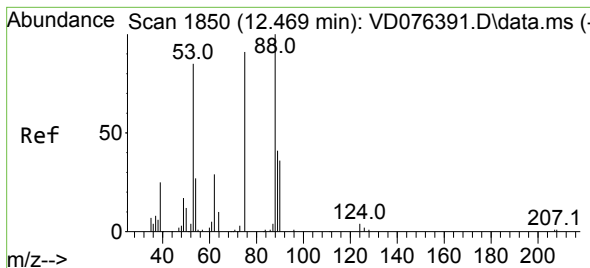
Tgt Ion: 105 Resp: 215336

Ion Ratio Lower Upper

105 100

120 49.7 26.4 79.2

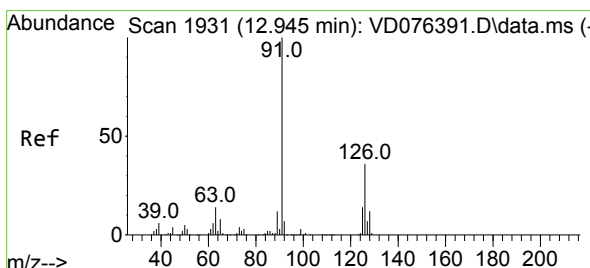
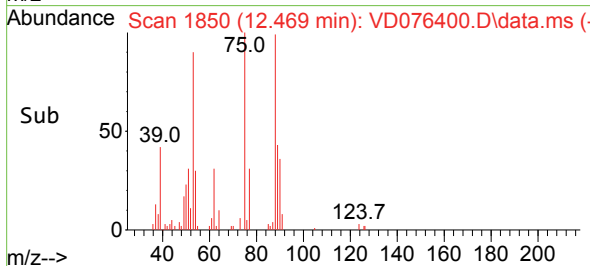
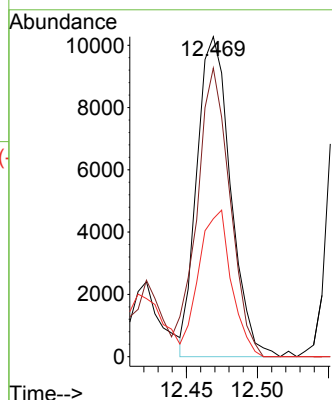
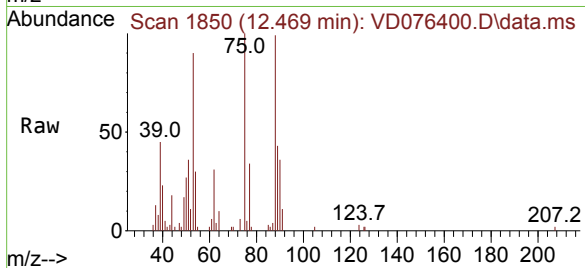




#81
trans-1,4-Dichloro-2-butene
Concen: 19.782 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

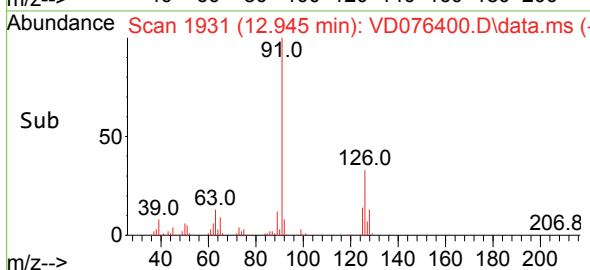
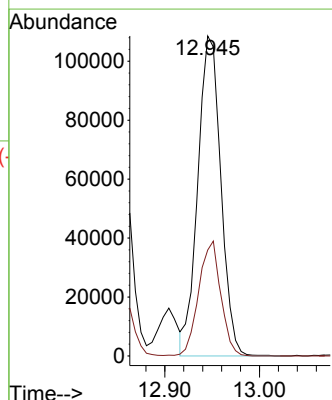
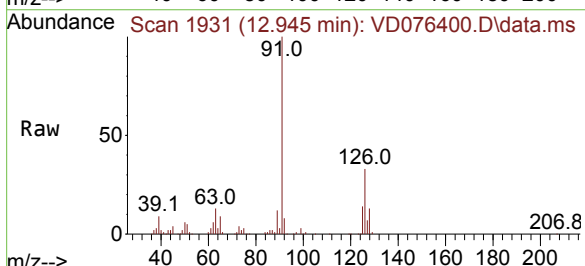
Instrument :
MSVOA_D
ClientSampleId :
VD0613SBS01

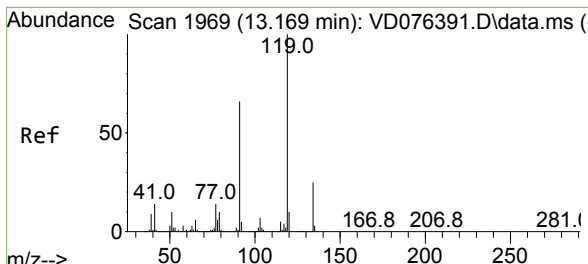
Tgt Ion: 75 Resp: 16922
Ion Ratio Lower Upper
75 100
53 88.5 63.0 94.4
89 44.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.515 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion: 91 Resp: 183592
Ion Ratio Lower Upper
91 100
126 34.4 19.4 58.4



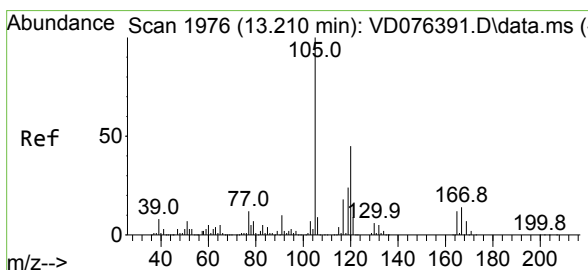
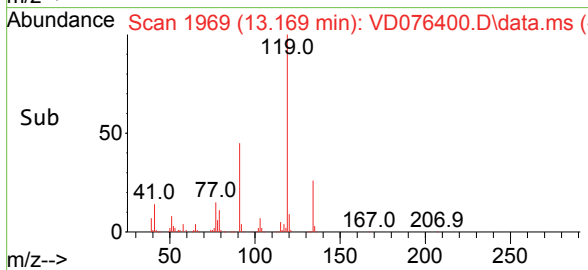
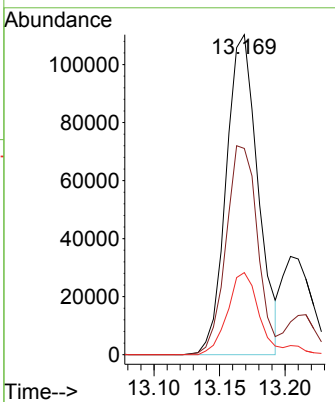
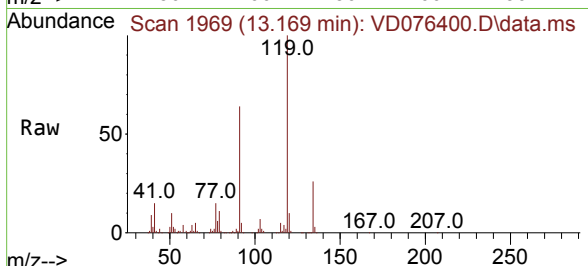


#83
 tert-Butylbenzene
 Concen: 20.997 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD076400.D
 Acq: 13 Jun 2023 12:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBSD01

Tgt Ion:119 Resp: 186333

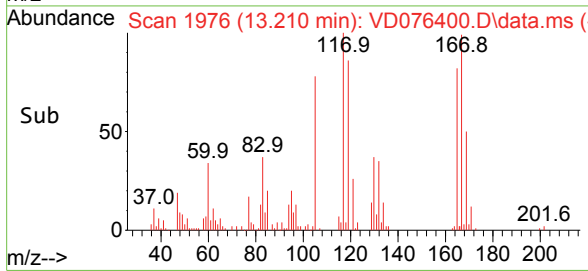
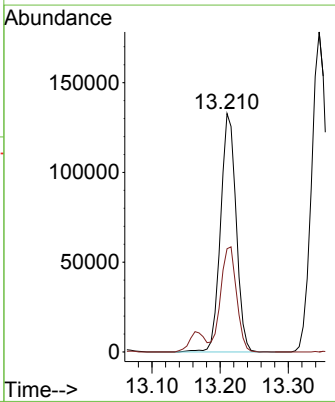
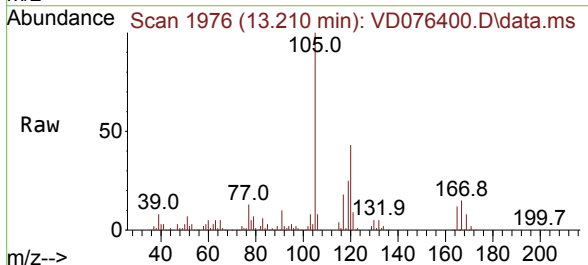
Ion	Ratio	Lower	Upper
119	100		
91	64.6	29.3	87.8
134	26.7	14.1	42.3

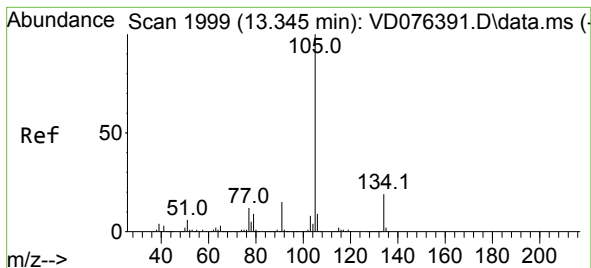


#84
 1,2,4-Trimethylbenzene
 Concen: 20.649 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD076400.D
 Acq: 13 Jun 2023 12:49

Tgt Ion:105 Resp: 210972

Ion	Ratio	Lower	Upper
105	100		
120	45.6	24.3	72.9





#85

sec-Butylbenzene

Concen: 21.230 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

Instrument :

MSVOA_D

ClientSampleId :

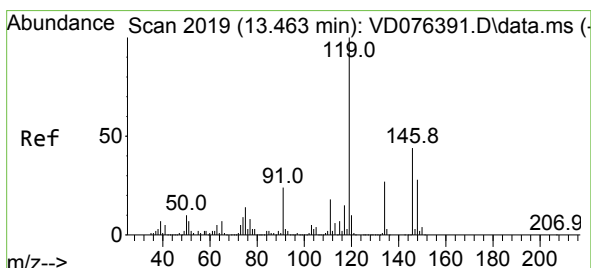
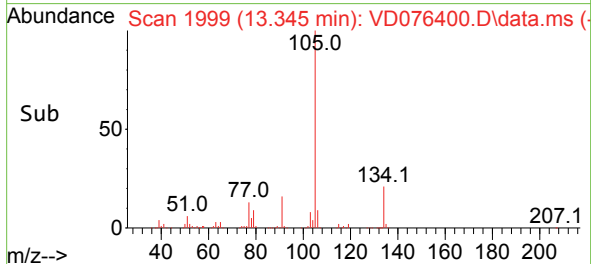
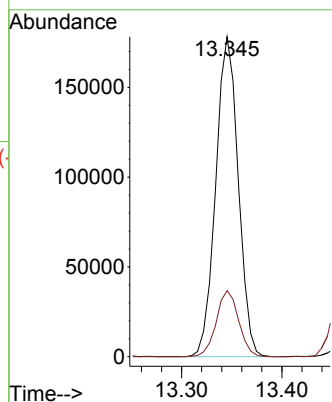
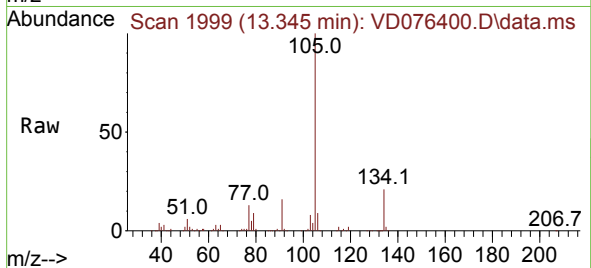
VD0613SBSD01

Tgt Ion:105 Resp: 277296

Ion Ratio Lower Upper

105 100

134 20.5 10.9 32.9



#86

p-Isopropyltoluene

Concen: 21.028 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

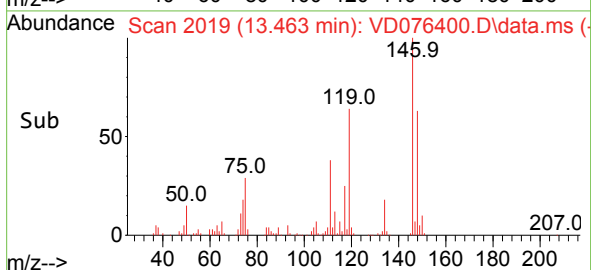
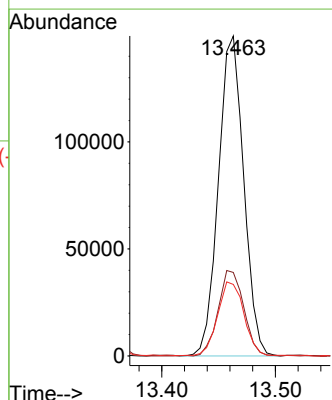
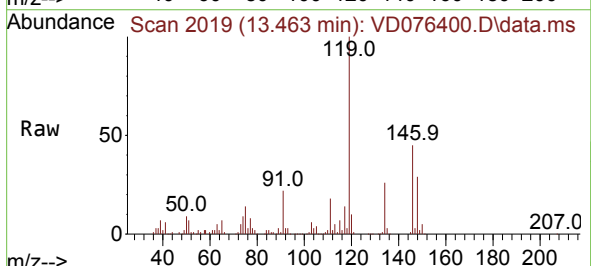
Tgt Ion:119 Resp: 231270

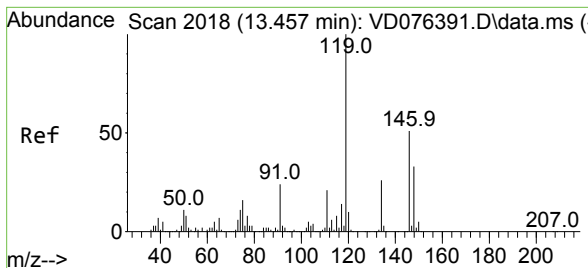
Ion Ratio Lower Upper

119 100

134 27.1 14.2 42.6

91 23.9 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 21.105 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBS01

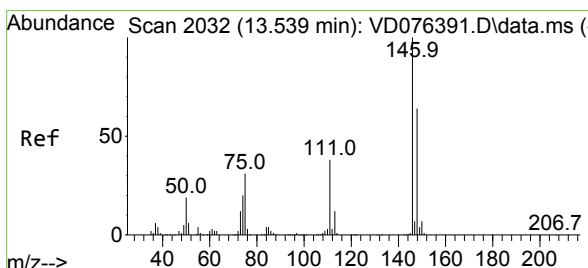
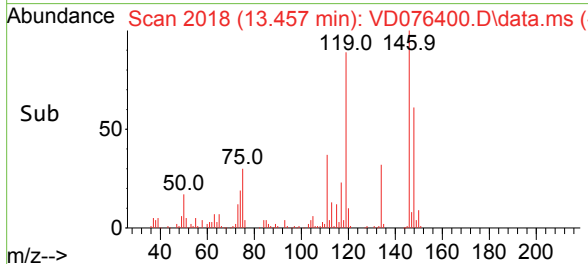
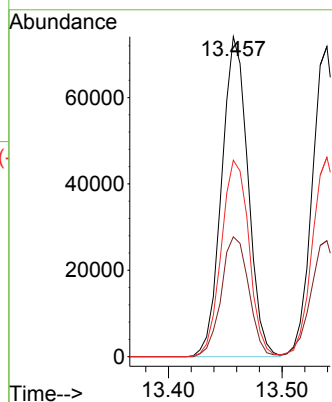
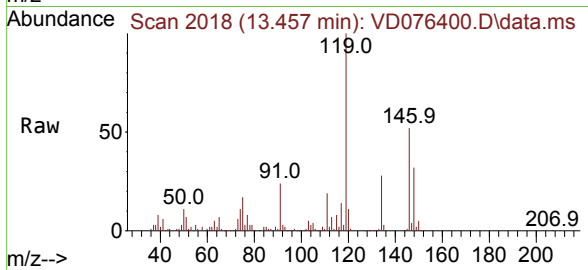
Tgt Ion:146 Resp: 119398

Ion Ratio Lower Upper

146 100

111 39.1 17.9 53.8

148 64.4 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 21.144 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

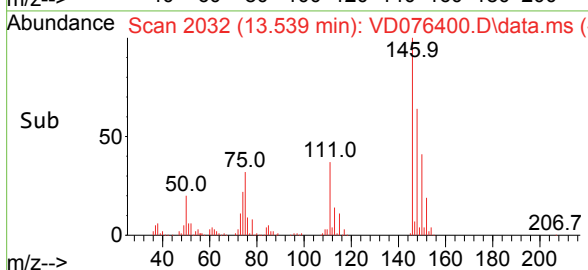
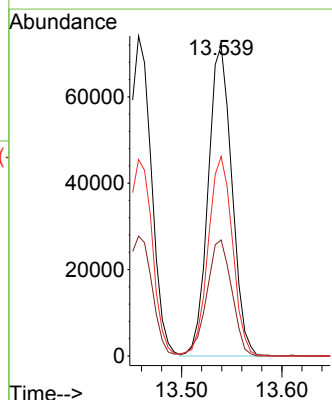
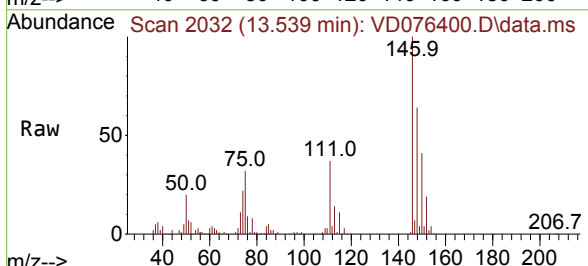
Tgt Ion:146 Resp: 118213

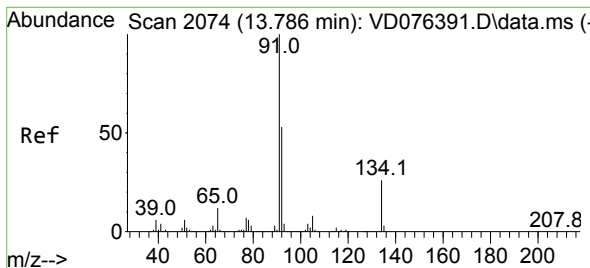
Ion Ratio Lower Upper

146 100

111 39.4 17.4 52.3

148 65.8 31.7 95.1





#89

n-Butylbenzene

Concen: 21.329 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD076400.D

Acq: 13 Jun 2023 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD0613SBS01

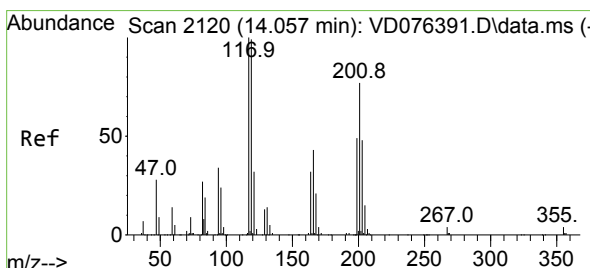
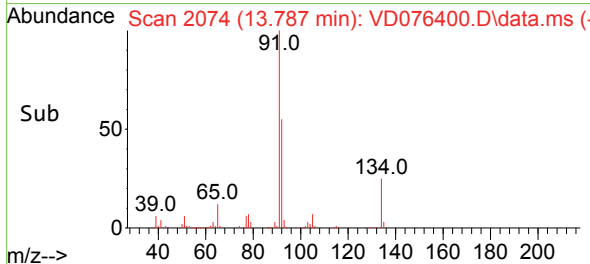
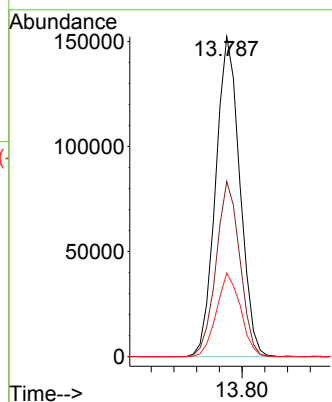
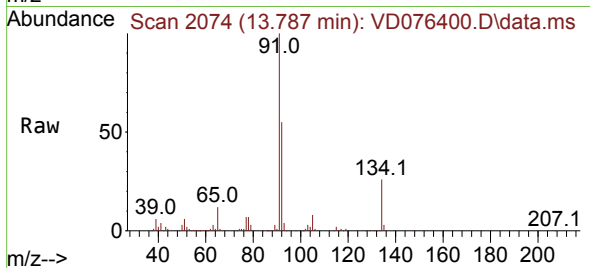
Tgt Ion: 91 Resp: 225387

Ion Ratio Lower Upper

91 100

92 53.8 26.5 79.5

134 26.0 13.8 41.3



#90

Hexachloroethane

Concen: 21.080 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD076400.D

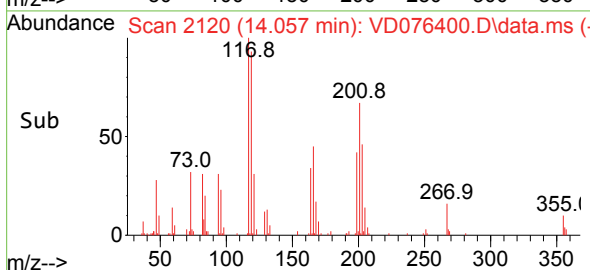
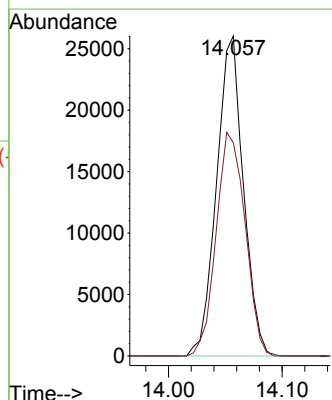
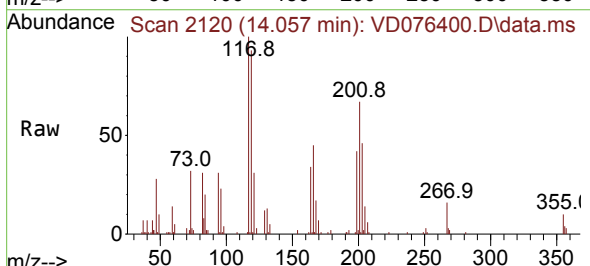
Acq: 13 Jun 2023 12:49

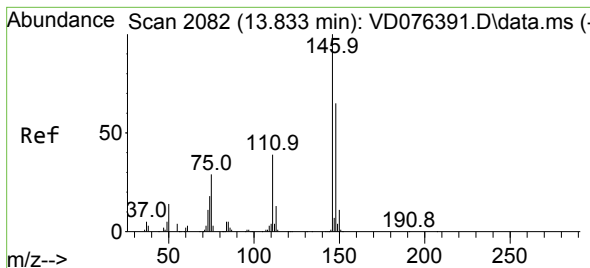
Tgt Ion: 117 Resp: 42785

Ion Ratio Lower Upper

117 100

201 75.4 38.5 115.5

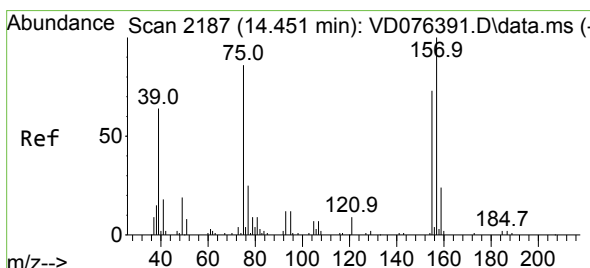
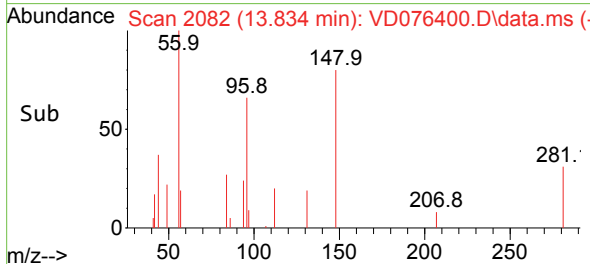
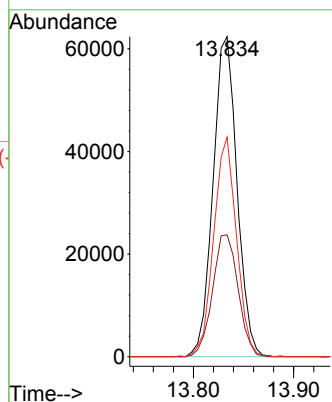
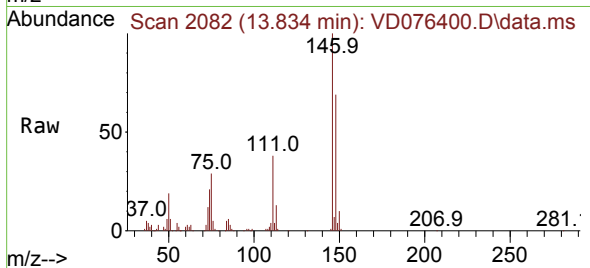




#91
 1,2-Dichlorobenzene
 Concen: 20.828 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD076400.D
 Acq: 13 Jun 2023 12:49

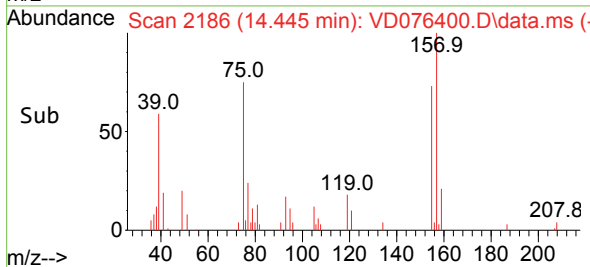
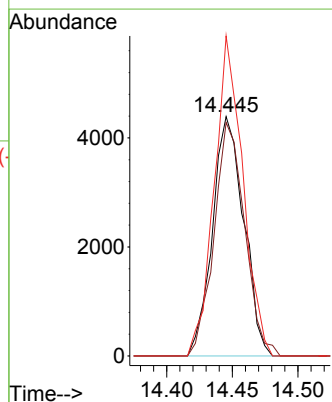
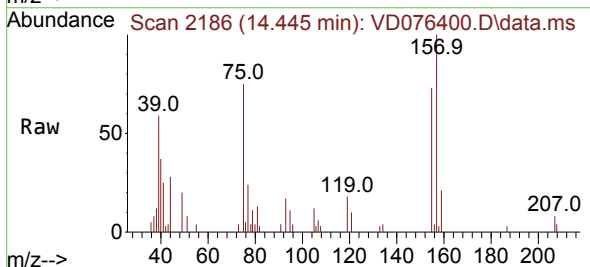
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBSD01

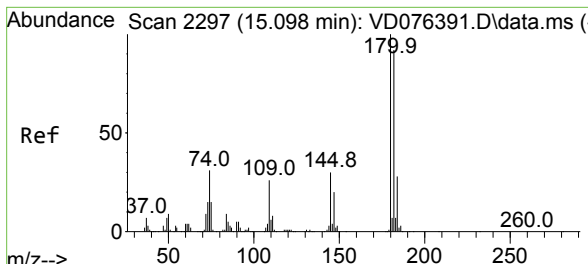
Tgt Ion:146 Resp: 103627
 Ion Ratio Lower Upper
 146 100
 111 40.6 18.3 54.8
 148 65.3 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.106 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.006 min
 Lab File: VD076400.D
 Acq: 13 Jun 2023 12:49

Tgt Ion: 75 Resp: 7277
 Ion Ratio Lower Upper
 75 100
 155 95.5 47.9 143.8
 157 122.4 59.9 179.7

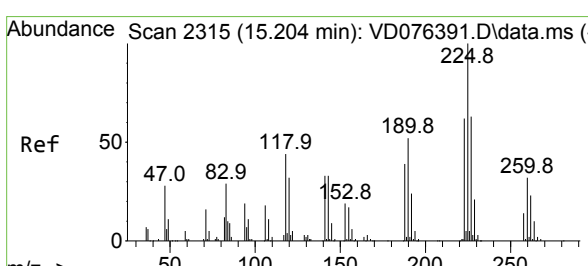
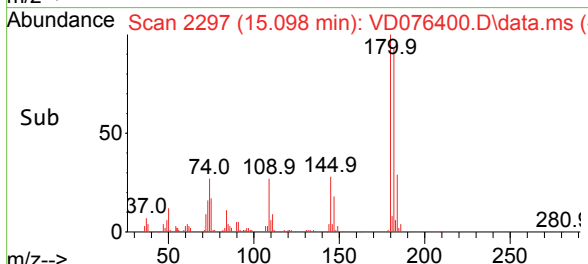
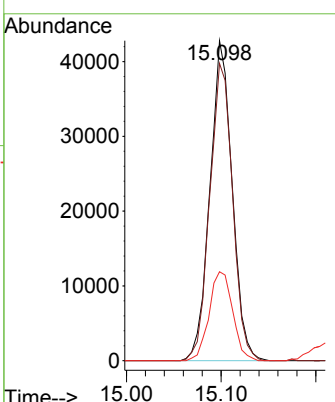
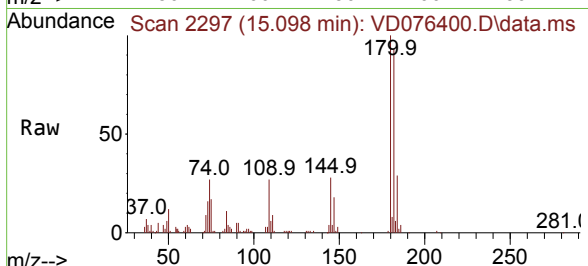




#93
 1,2,4-Trichlorobenzene
 Concen: 20.996 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD076400.D
 Acq: 13 Jun 2023 12:49

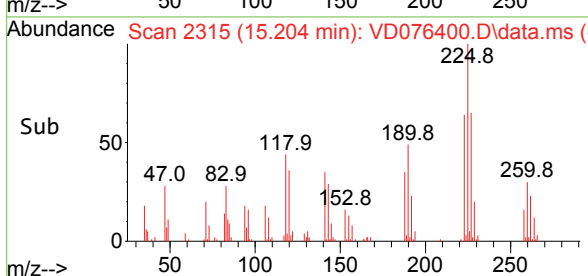
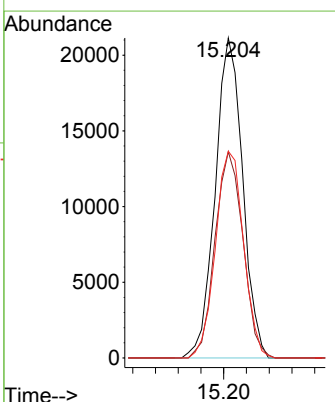
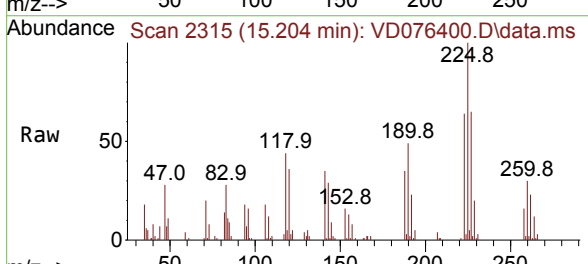
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0613SBS01

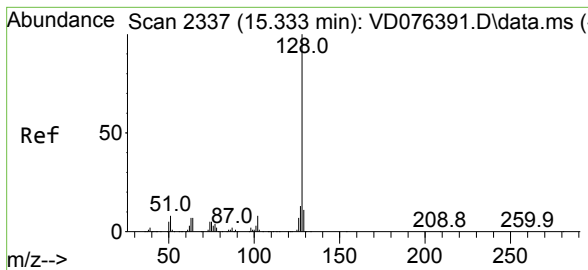
Tgt Ion:	180	Resp:	69915
Ion Ratio	Lower	Upper	
180	100		
182	95.0	48.5	145.6
145	29.4	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 21.153 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD076400.D
 Acq: 13 Jun 2023 12:49

Tgt Ion:	225	Resp:	35437
Ion Ratio	Lower	Upper	
225	100		
223	65.6	31.6	94.8
227	66.1	31.7	95.1

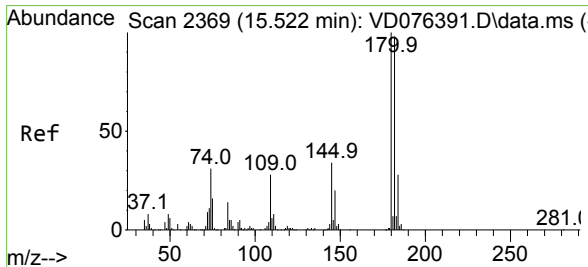
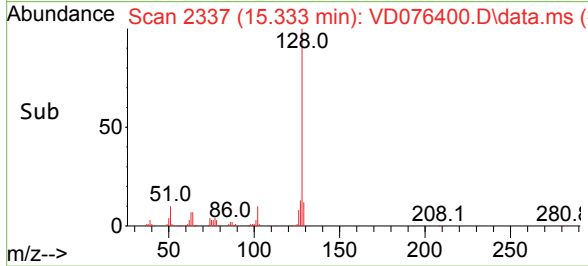
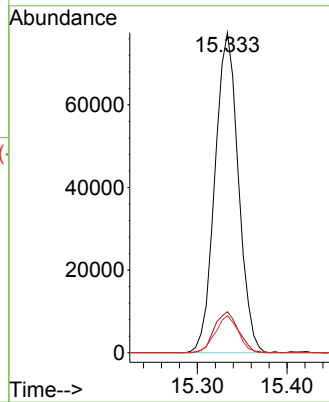
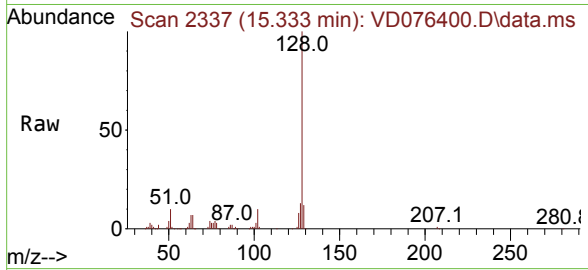




#95
Naphthalene
Concen: 21.017 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Instrument :
MSVOA_D
ClientSampleId :
VD0613SBSD01

Tgt Ion:128 Resp: 140536
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.691 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD076400.D
Acq: 13 Jun 2023 12:49

Tgt Ion:180 Resp: 62383
Ion Ratio Lower Upper
180 100
182 89.9 47.3 141.9
145 31.0 15.1 45.3

