

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
 Data File : VD076413.D
 Acq On : 14 Jun 2023 12:35
 Operator : KP/SY
 Sample : BD0614SBS01
 Misc : 5.00G/5.03ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBS01

Quant Time: Jun 15 05:30:19 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	194196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	338897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	300918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	142317	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	104328	46.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.020%
35) Dibromofluoromethane	7.804	113	108482	49.528	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.060%
50) Toluene-d8	10.269	98	409198	49.298	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.575	95	131465	46.168	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	34319	19.786	ug/l	95
3) Chloromethane	2.146	50	62500	19.030	ug/l	99
4) Vinyl Chloride	2.275	62	67925	21.614	ug/l	100
5) Bromomethane	2.675	94	39460	23.963	ug/l	97
6) Chloroethane	2.822	64	43708	23.096	ug/l	100
7) Trichlorofluoromethane	3.163	101	61446	19.430	ug/l	97
8) Diethyl Ether	3.587	74	21987	19.353	ug/l	60
9) 1,1,2-Trichlorotrifluo...	3.952	101	38740	20.374	ug/l	94
10) Methyl Iodide	4.163	142	44803	18.324	ug/l	91
11) Tert butyl alcohol	5.057	59	17175	91.596	ug/l	95
12) 1,1-Dichloroethene	3.928	96	37708	19.446	ug/l	86
13) Acrolein	3.793	56	23311	108.382	ug/l	97
14) Allyl chloride	4.557	41	70952	18.709	ug/l #	85
15) Acrylonitrile	5.252	53	57594	99.633	ug/l	99
16) Acetone	4.022	43	48181	97.712	ug/l #	78
17) Carbon Disulfide	4.263	76	98763	17.726	ug/l	100
18) Methyl Acetate	4.563	43	45948	20.439	ug/l #	80
19) Methyl tert-butyl Ether	5.316	73	106383	19.772	ug/l	94
20) Methylene Chloride	4.793	84	53752	16.582	ug/l #	66
21) trans-1,2-Dichloroethene	5.310	96	42431	18.829	ug/l #	81
22) Diisopropyl ether	6.216	45	151395	19.610	ug/l #	90
23) Vinyl Acetate	6.152	43	380248	114.680	ug/l #	86
24) 1,1-Dichloroethane	6.110	63	84072	19.592	ug/l	96
25) 2-Butanone	7.081	43	74709	96.872	ug/l #	82
26) 2,2-Dichloropropane	7.069	77	71304	18.455	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	50904	18.975	ug/l	81
28) Bromochloromethane	7.422	49	26143	19.467	ug/l #	69
29) Tetrahydrofuran	7.451	42	49343	100.286	ug/l #	74
30) Chloroform	7.598	83	81935	19.157	ug/l	94
31) Cyclohexane	7.881	56	68501	19.087	ug/l	86
32) 1,1,1-Trichloroethane	7.793	97	69044	18.902	ug/l	97
36) 1,1-Dichloropropene	8.004	75	60026	18.776	ug/l	95
37) Ethyl Acetate	7.169	43	36985	21.994	ug/l #	87
38) Carbon Tetrachloride	7.993	117	55666	18.754	ug/l	97
39) Methylcyclohexane	9.275	83	69088	18.768	ug/l #	84
40) Benzene	8.246	78	176665	19.008	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	20134	18.716	ug/l #	79
42) 1,2-Dichloroethane	8.322	62	50381	18.203	ug/l	94
43) Isopropyl Acetate	8.357	43	68040	19.299	ug/l #	84
44) Trichloroethene	9.028	130	48977	19.439	ug/l	96
45) 1,2-Dichloropropane	9.304	63	48702	19.715	ug/l	98
46) Dibromomethane	9.393	93	25605	18.782	ug/l	94
47) Bromodichloromethane	9.587	83	64778	19.182	ug/l	93
48) Methyl methacrylate	9.381	41	33599	19.884	ug/l #	68
49) 1,4-Dioxane	9.387	88	6706	414.602	ug/l #	73
51) 4-Methyl-2-Pentanone	10.157	43	170052	97.112	ug/l #	84
52) Toluene	10.334	92	113514	19.320	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	65107	18.850	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	76260	19.199	ug/l #	84
55) 1,1,2-Trichloroethane	10.734	97	35440	19.463	ug/l	96
56) Ethyl methacrylate	10.598	69	47218	18.672	ug/l #	63
57) 1,3-Dichloropropane	10.881	76	62571	19.754	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	102856	99.856	ug/l	93
59) 2-Hexanone	10.922	43	118672	96.682	ug/l	82
60) Dibromochloromethane	11.075	129	42971	19.073	ug/l	95
61) 1,2-Dibromoethane	11.181	107	34538	19.551	ug/l	100
64) Tetrachloroethene	10.810	164	39834	19.282	ug/l	96
65) Chlorobenzene	11.604	112	122324	19.611	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	44427	19.049	ug/l	97
67) Ethyl Benzene	11.687	91	219378	19.096	ug/l	96
68) m/p-Xylenes	11.792	106	168358	38.732	ug/l	90
69) o-Xylene	12.122	106	78848	18.883	ug/l	88
70) Styrene	12.134	104	136271	19.128	ug/l	95
71) Bromoform	12.298	173	26497	19.478	ug/l #	97
73) Isopropylbenzene	12.422	105	210659	19.573	ug/l	96
74) N-amyl acetate	12.234	43	64580	19.675	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.675	83	43782	20.600	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	53040	39.865	ug/l #	100
77) Bromobenzene	12.704	156	50138	19.744	ug/l	87
78) n-propylbenzene	12.763	91	258415	19.698	ug/l	96
79) 2-Chlorotoluene	12.851	91	143172	19.286	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	170891	19.023	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	13238	17.814	ug/l #	85
82) 4-Chlorotoluene	12.951	91	146460	18.839	ug/l	94
83) tert-Butylbenzene	13.169	119	150756	19.555	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	171698	19.344	ug/l	96
85) sec-Butylbenzene	13.345	105	221915	19.558	ug/l	97
86) p-Isopropyltoluene	13.463	119	185826	19.449	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	95469	19.426	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	95545	19.672	ug/l	96
89) n-Butylbenzene	13.786	91	180418	19.654	ug/l	99
90) Hexachloroethane	14.051	117	35970	20.401	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	85191	19.710	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6694	19.173	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	57020	19.711	ug/l	97
94) Hexachlorobutadiene	15.204	225	28174	19.359	ug/l	97
95) Naphthalene	15.333	128	115162	19.825	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	48815	19.538	ug/l	98

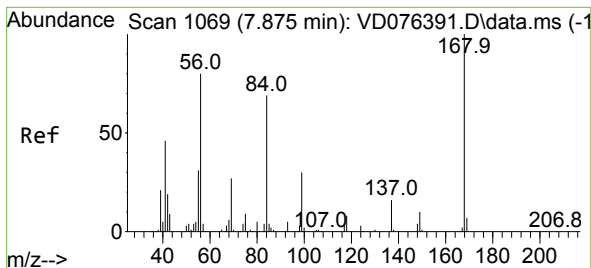
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
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Quant Title : SW846 8260
QLast Update : Tue Jun 13 02:01:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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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: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

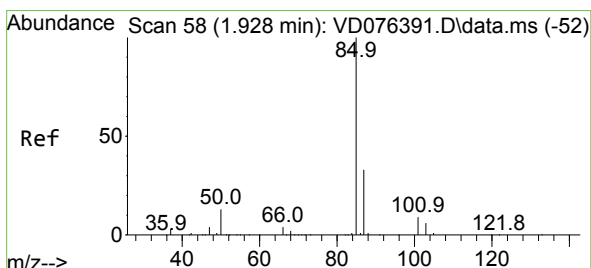
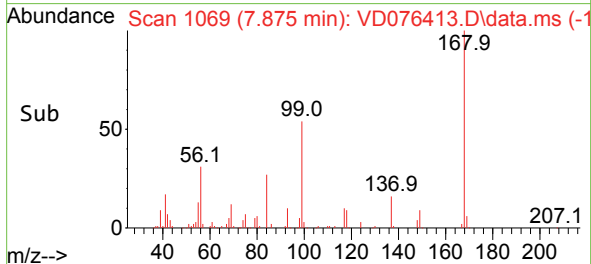
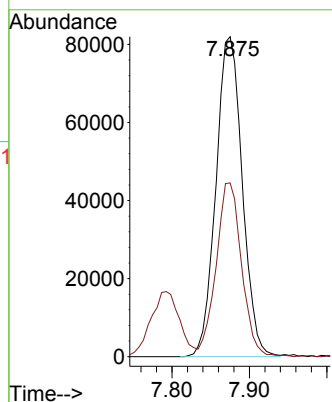
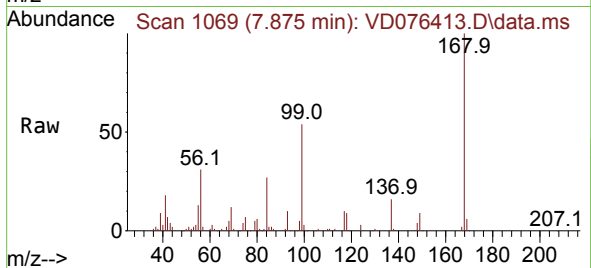
VD0614SBS01

Tgt Ion:168 Resp: 194196

Ion Ratio Lower Upper

168 100

99 53.9 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 19.786 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076413.D

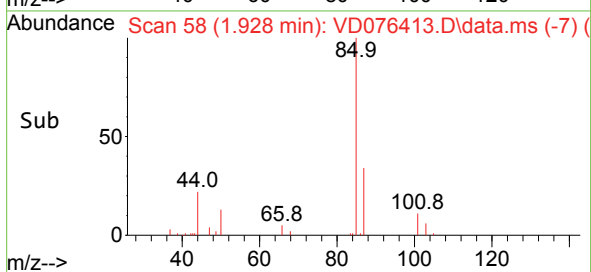
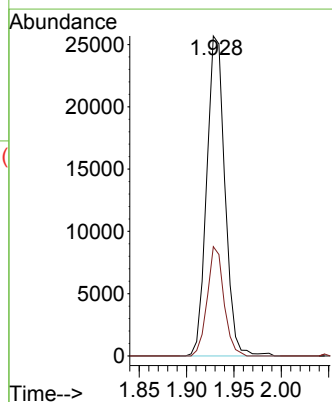
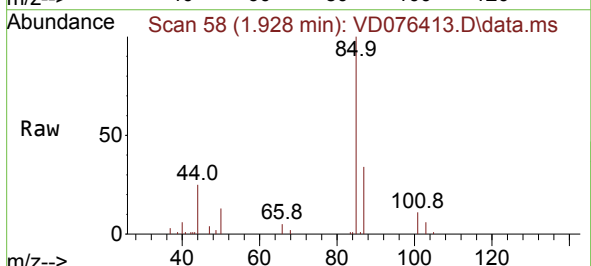
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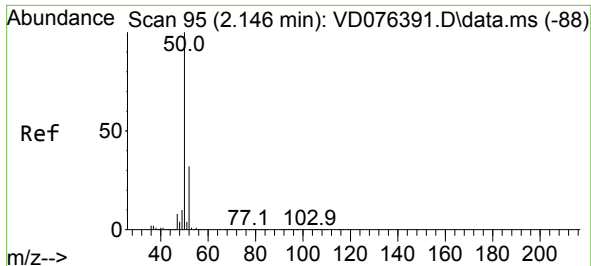
Tgt Ion: 85 Resp: 34319

Ion Ratio Lower Upper

85 100

87 34.2 15.7 47.0

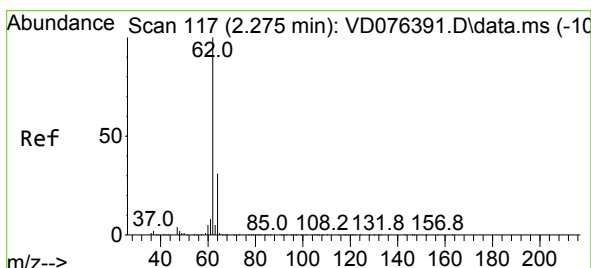
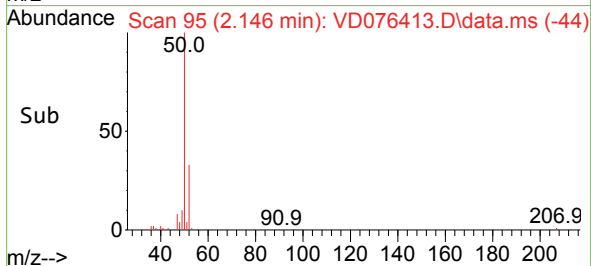
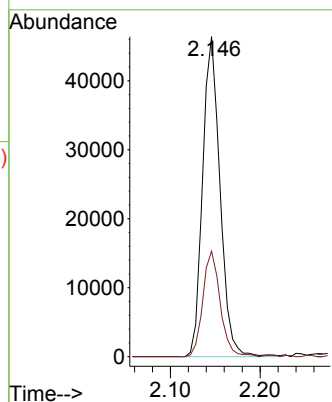
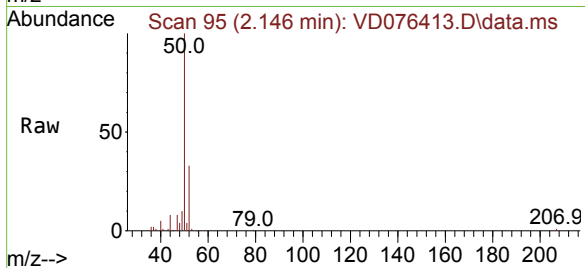




#3
Chloromethane
Concen: 19.030 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

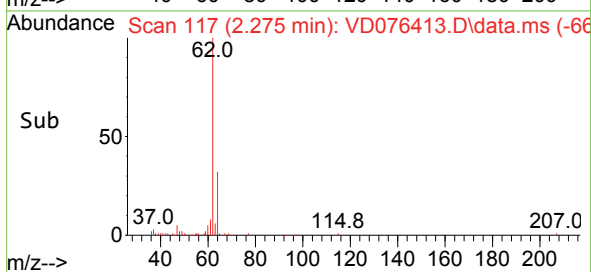
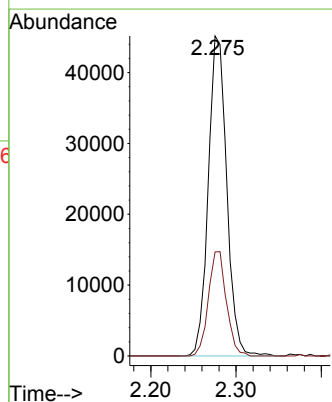
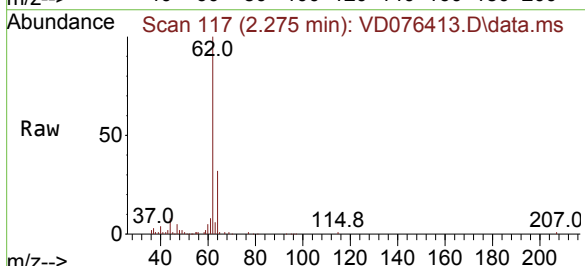
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

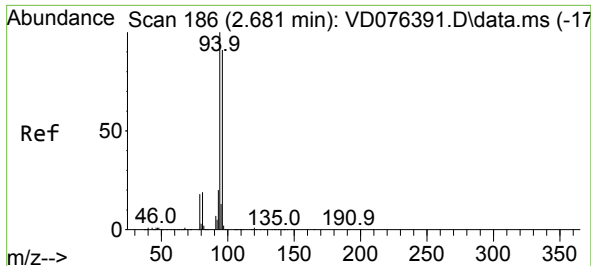
Tgt Ion: 50 Resp: 62500
Ion Ratio Lower Upper
50 100
52 33.0 26.6 40.0



#4
Vinyl Chloride
Concen: 21.614 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion: 62 Resp: 67925
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0

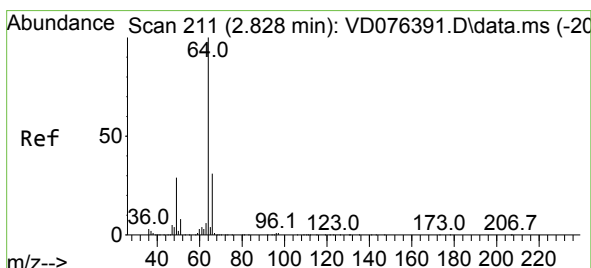
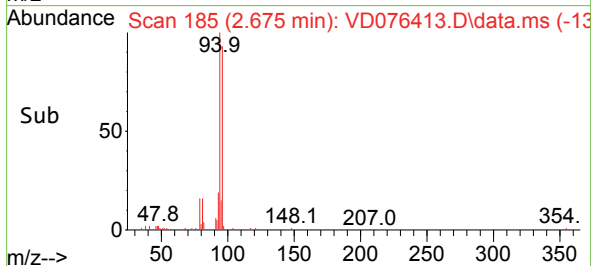
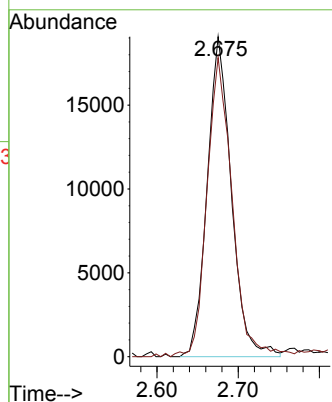
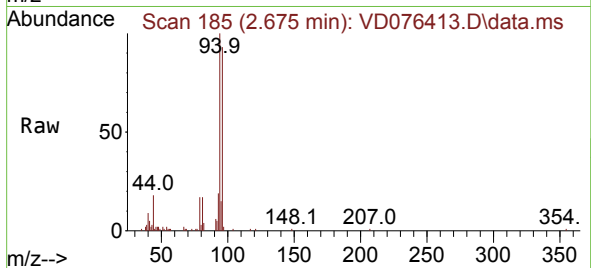




#5
Bromomethane
Concen: 23.963 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

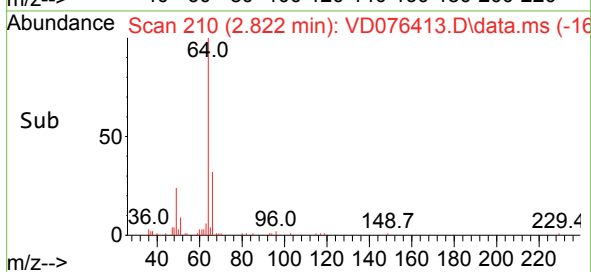
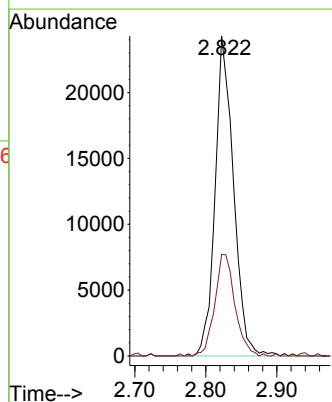
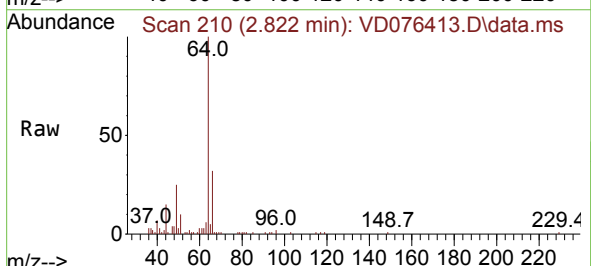
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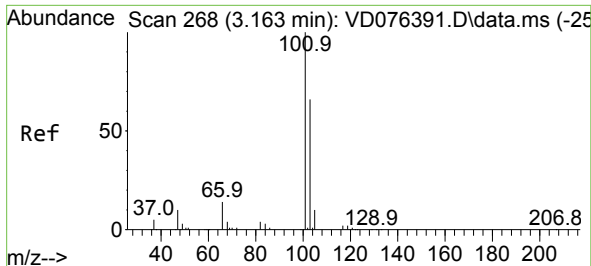
Tgt Ion: 94 Resp: 39460
Ion Ratio Lower Upper
94 100
96 97.5 75.8 113.8



#6
Chloroethane
Concen: 23.096 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion: 64 Resp: 43708
Ion Ratio Lower Upper
64 100
66 31.8 25.5 38.3

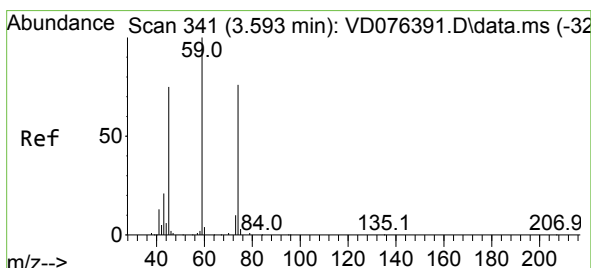
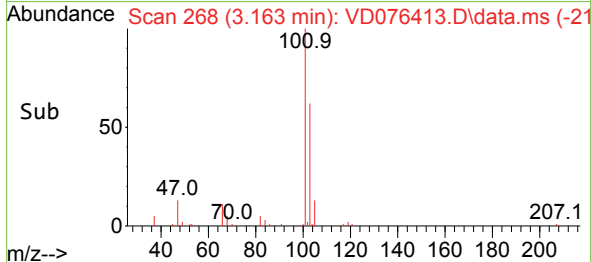
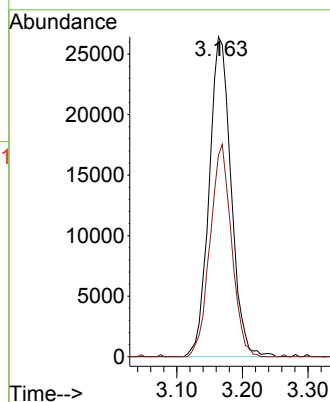
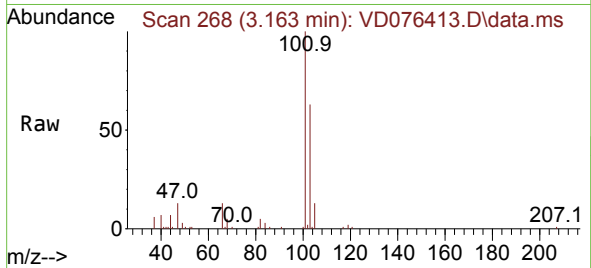




#7
 Trichlorofluoromethane
 Concen: 19.430 ug/l
 RT: 3.163 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076413.D
 Acq: 14 Jun 2023 12:35

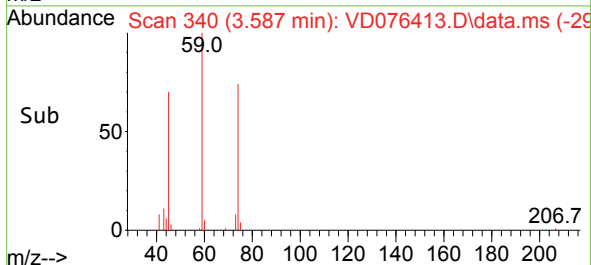
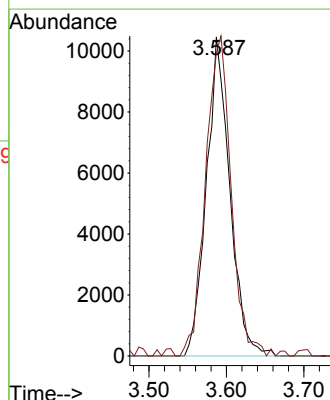
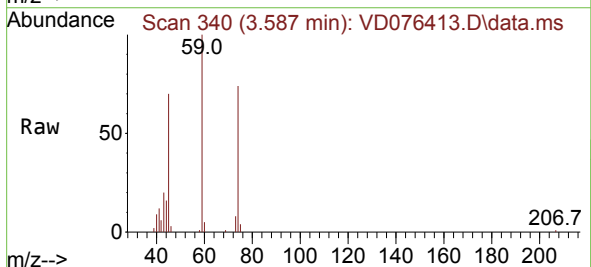
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 ClientSampleId :
 VD0614SBS01

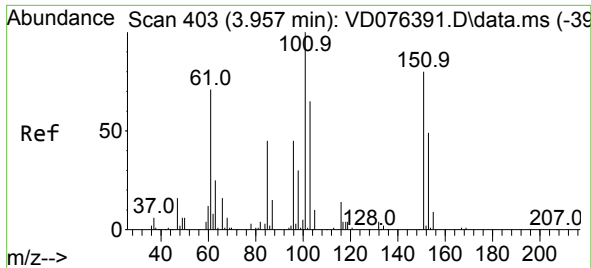
Tgt Ion:101 Resp: 61446
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.353 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD076413.D
 Acq: 14 Jun 2023 12:35

Tgt Ion: 74 Resp: 21987
 Ion Ratio Lower Upper
 74 100
 45 109.3 37.5 112.7

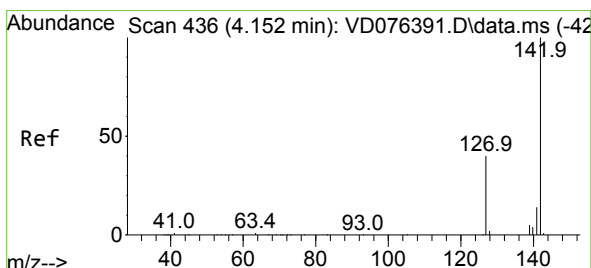
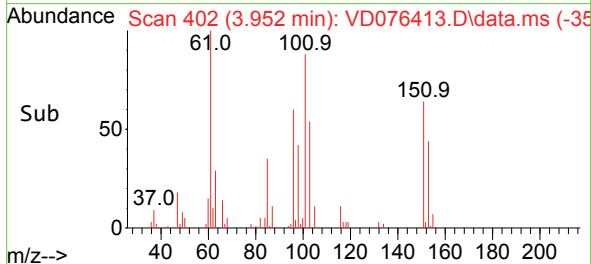
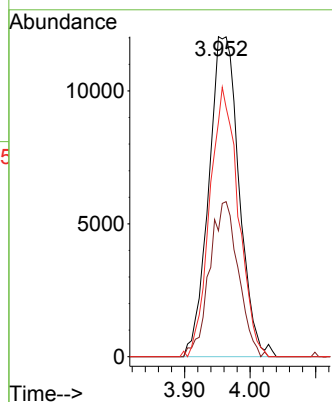
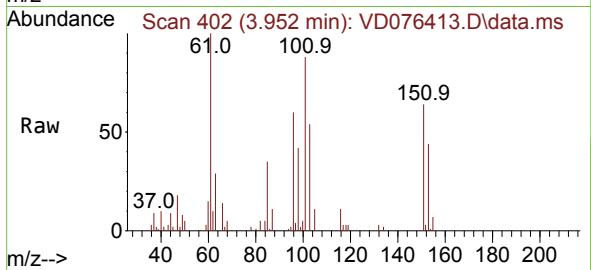




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.374 ug/l
RT: 3.952 min Scan# 40
Delta R.T. -0.006 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

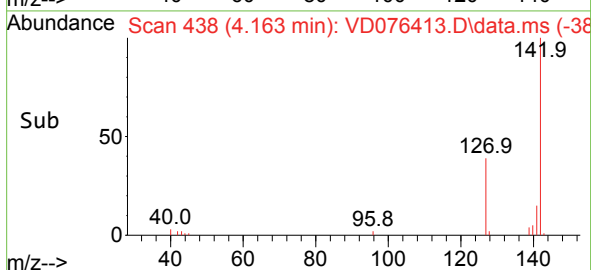
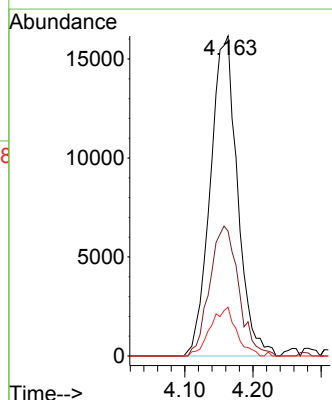
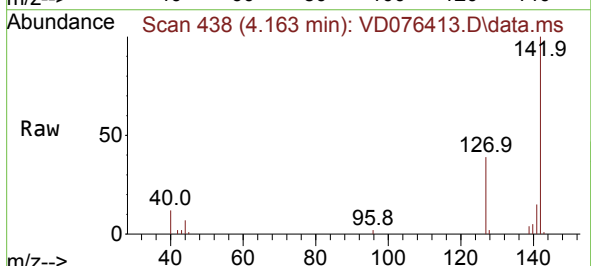
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

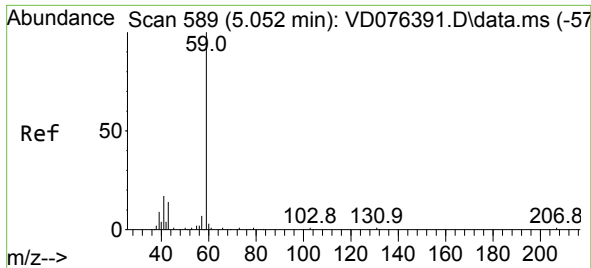
Tgt Ion:101 Resp: 38740
Ion Ratio Lower Upper
101 100
85 46.0 33.8 50.6
151 79.4 59.8 89.6



#10
Methyl Iodide
Concen: 18.324 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.012 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion:142 Resp: 44803
Ion Ratio Lower Upper
142 100
127 43.3 29.4 44.0
141 14.6 11.1 16.7

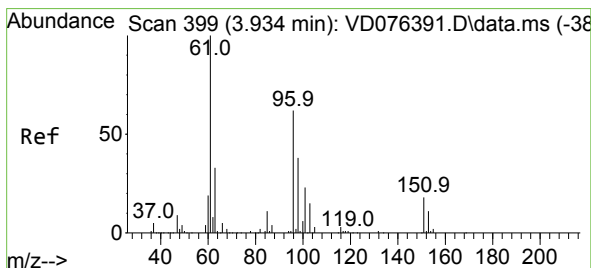
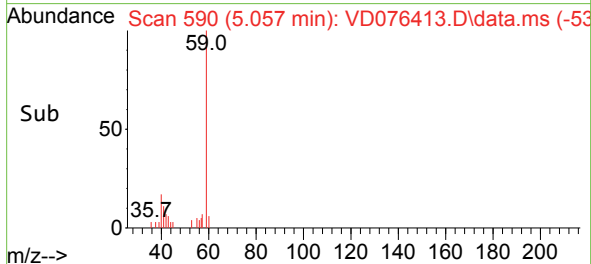
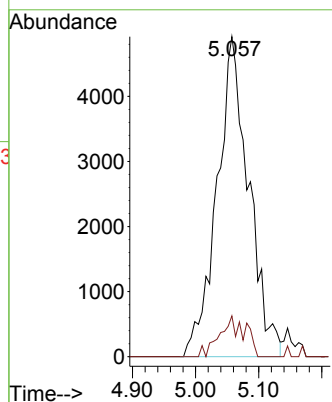
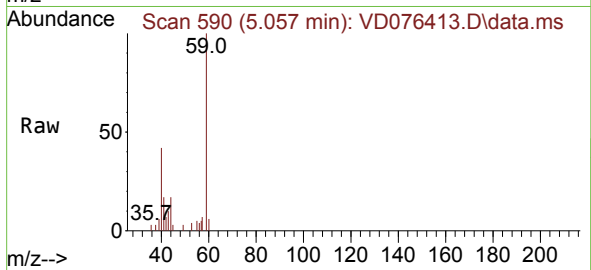




#11
Tert butyl alcohol
Concen: 91.596 ug/l
RT: 5.057 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

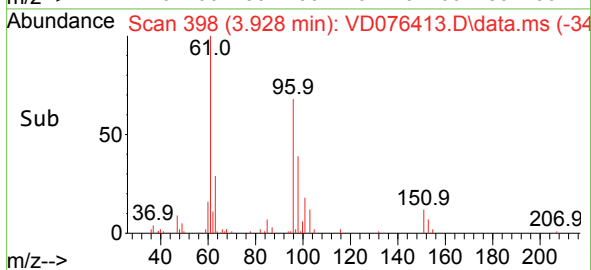
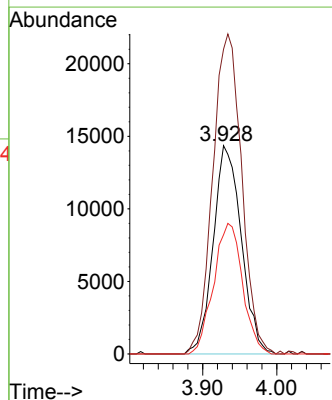
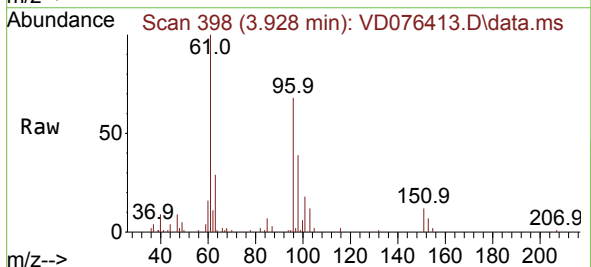
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

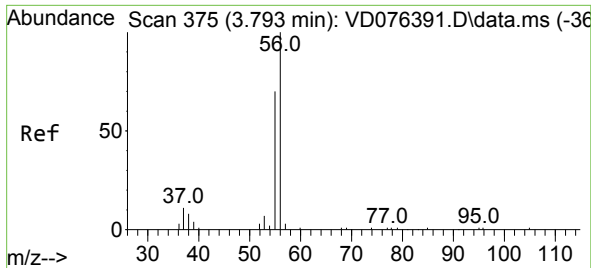
Tgt Ion: 59 Resp: 17175
Ion Ratio Lower Upper
59 100
57 7.9 7.8 11.8



#12
1,1-Dichloroethene
Concen: 19.446 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion: 96 Resp: 37708
Ion Ratio Lower Upper
96 100
61 146.3 100.6 150.8
98 57.2 50.2 75.2

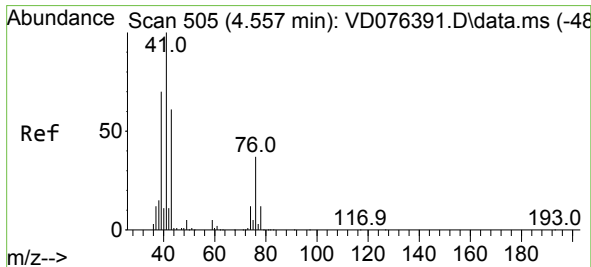
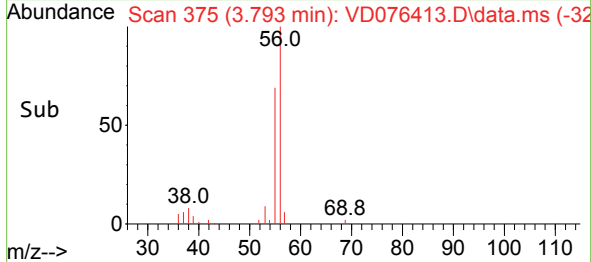
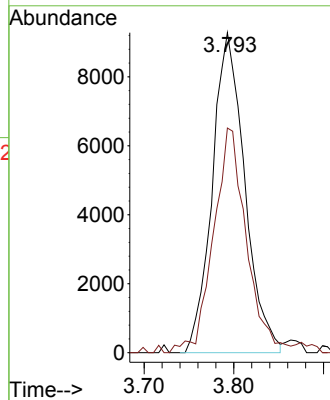
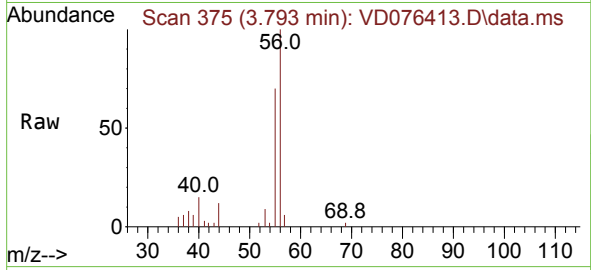




#13
Acrolein
Concen: 108.382 ug/l
RT: 3.793 min Scan# 375
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

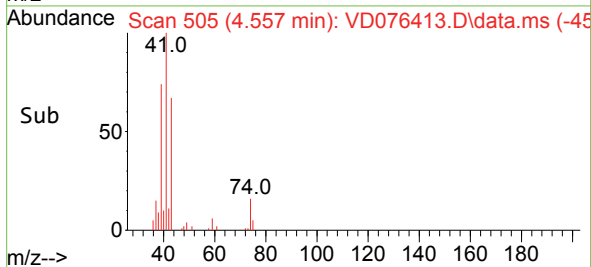
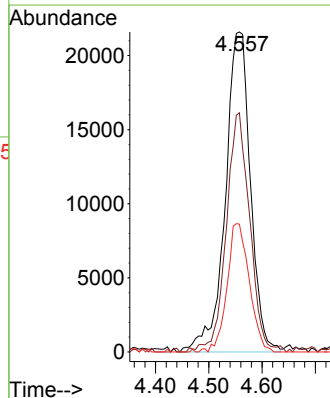
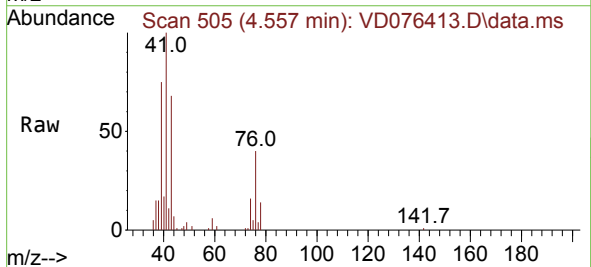
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

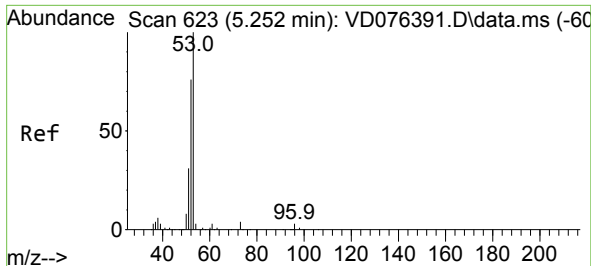
Tgt Ion: 56 Resp: 23311
Ion Ratio Lower Upper
56 100
55 71.1 55.1 82.7



#14
Allyl chloride
Concen: 18.709 ug/l
RT: 4.557 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion: 41 Resp: 70952
Ion Ratio Lower Upper
41 100
39 69.8 53.8 80.6
76 35.5 45.8 68.8#

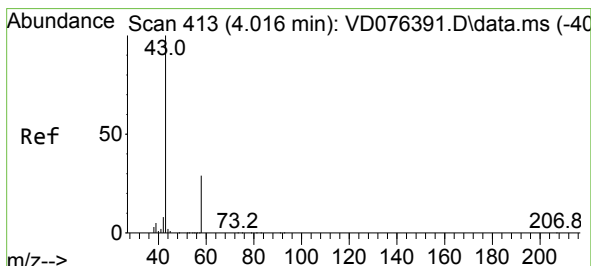
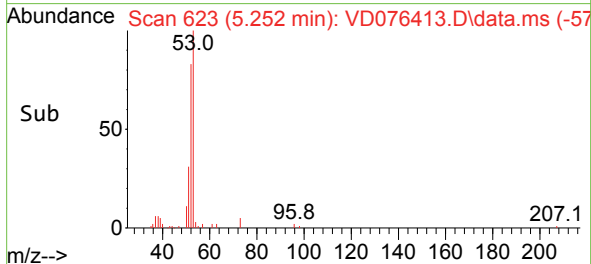
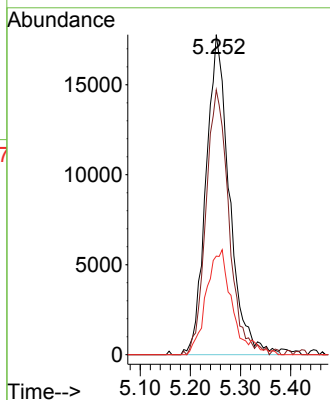
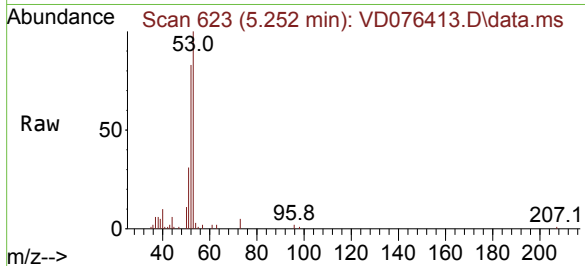




#15
Acrylonitrile
Concen: 99.633 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

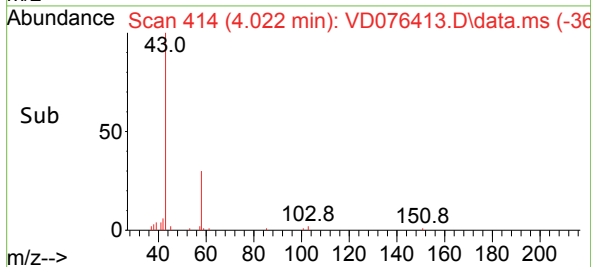
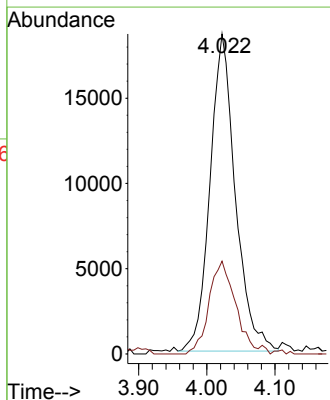
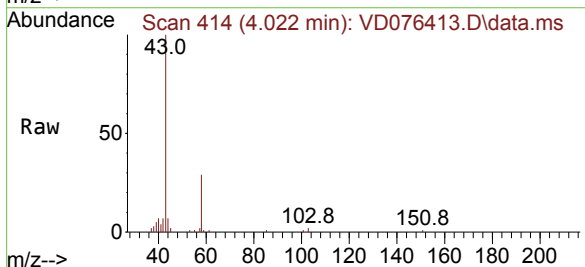
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

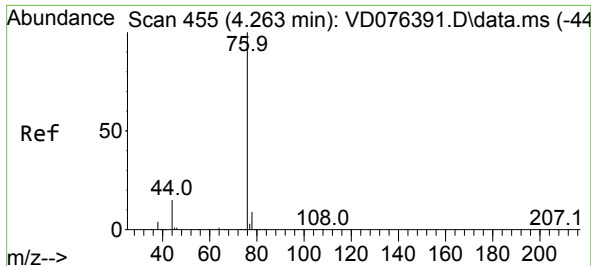
Tgt Ion:	53	Resp:	57594
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.0	97.4
51	34.4	28.3	42.5



#16
Acetone
Concen: 97.712 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion:	43	Resp:	48181
Ion	Ratio	Lower	Upper
43	100		
58	29.3	34.7	52.1#

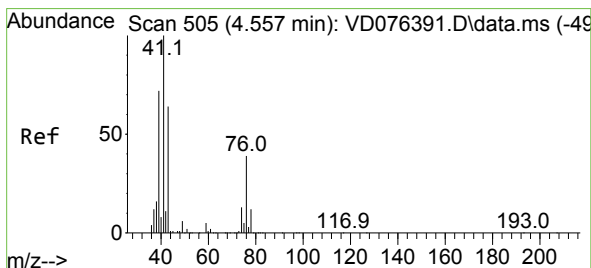
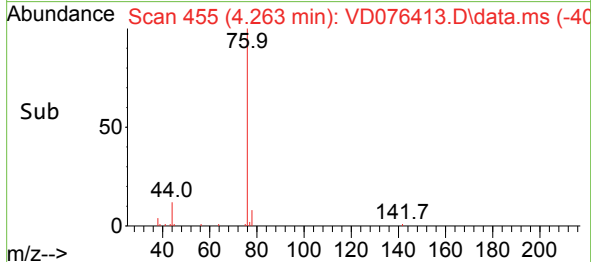
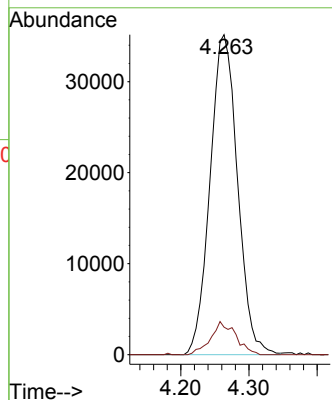
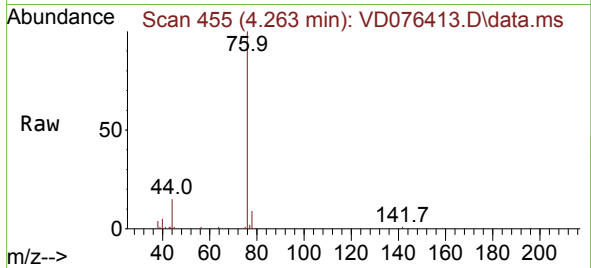




#17
Carbon Disulfide
Concen: 17.726 ug/l
RT: 4.263 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

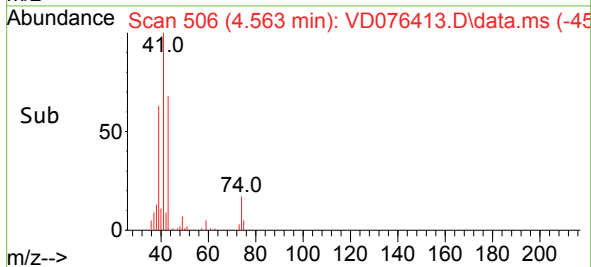
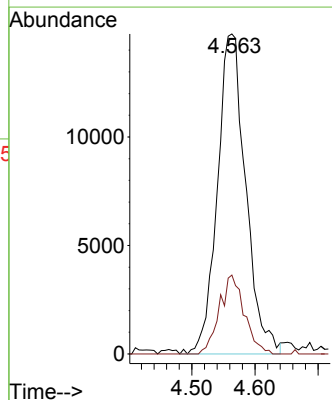
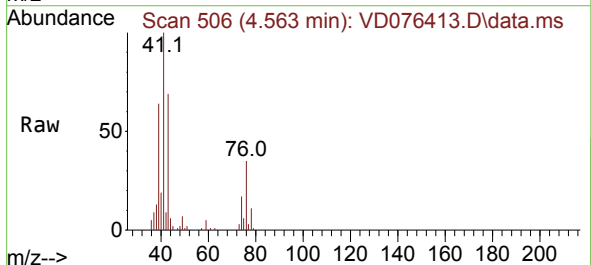
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

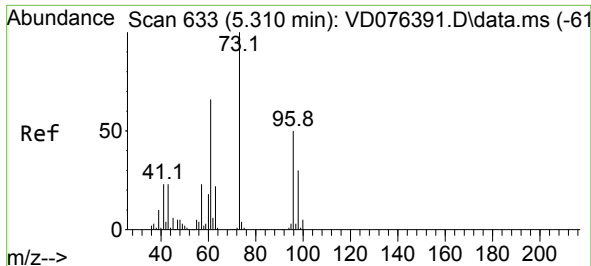
Tgt Ion: 76 Resp: 98763
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 20.439 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion: 43 Resp: 45948
Ion Ratio Lower Upper
43 100
74 21.8 26.4 39.6#

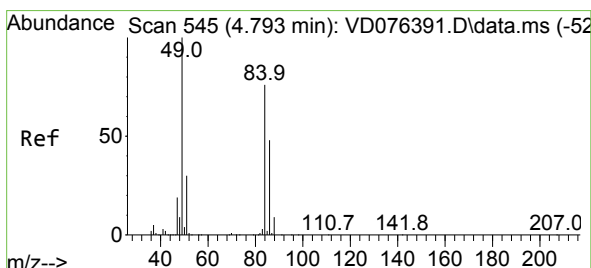
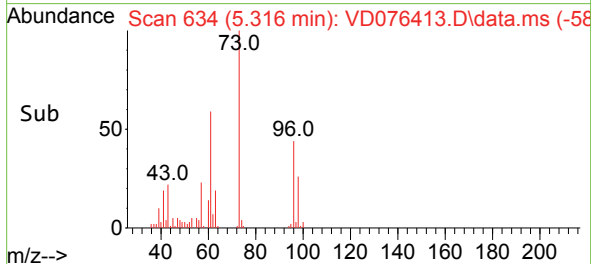
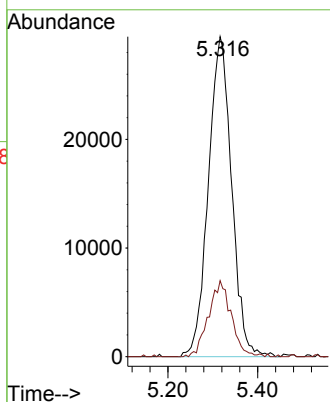
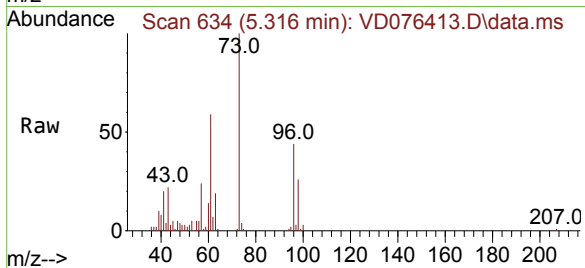




#19
Methyl tert-butyl Ether
Concen: 19.772 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

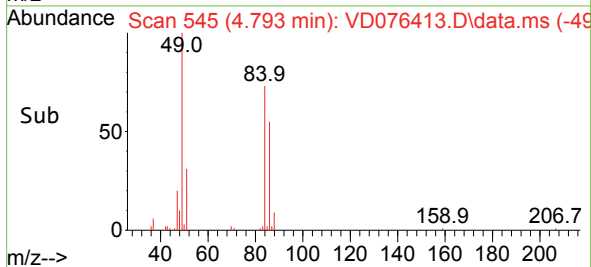
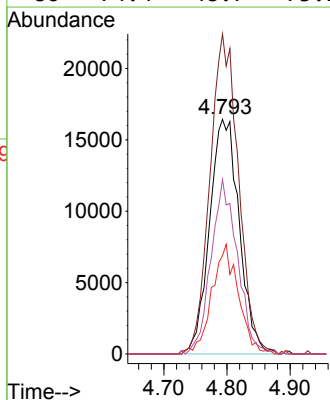
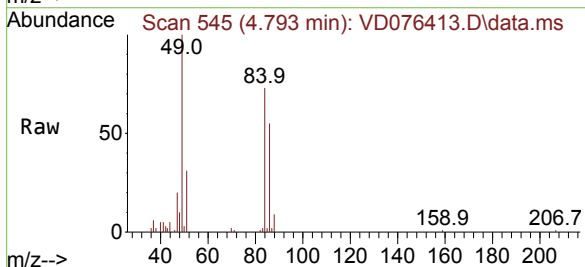
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

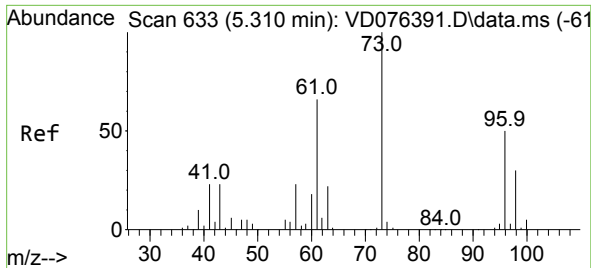
Tgt Ion: 73 Resp: 106383
Ion Ratio Lower Upper
73 100
57 23.8 16.6 25.0



#20
Methylene Chloride
Concen: 16.582 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion: 84 Resp: 53752
Ion Ratio Lower Upper
84 100
49 136.4 71.4 107.2#
51 42.0 24.5 36.7#
86 74.4 48.7 73.1#

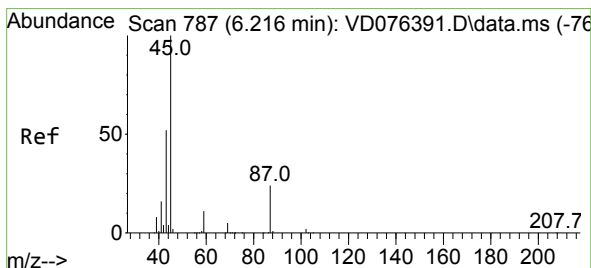
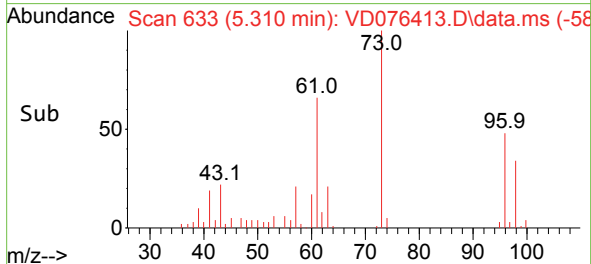
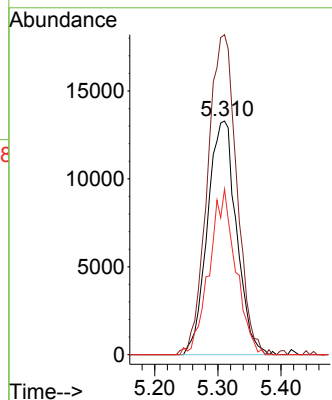
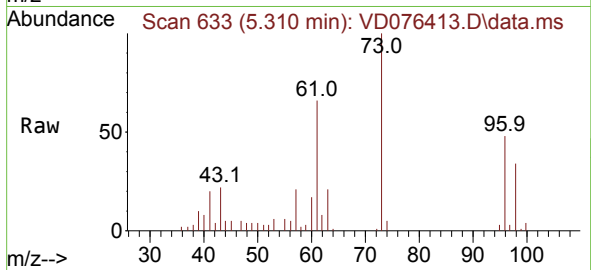




#21
trans-1,2-Dichloroethene
Concen: 18.829 ug/l
RT: 5.310 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

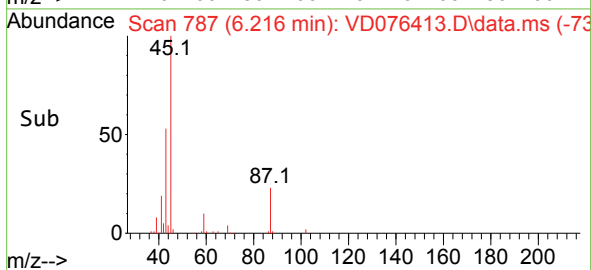
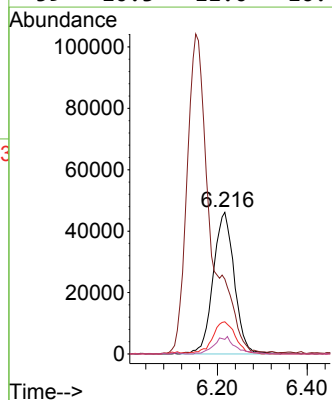
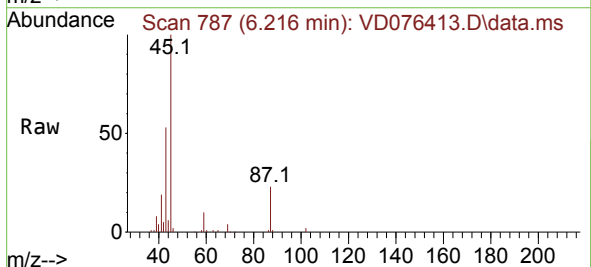
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

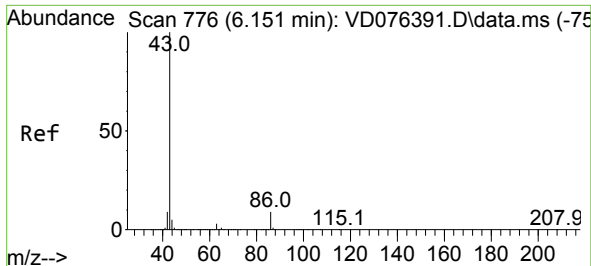
Tgt Ion: 96 Resp: 42431
Ion Ratio Lower Upper
96 100
61 135.5 89.3 133.9#
98 70.8 48.6 73.0



#22
Diisopropyl ether
Concen: 19.610 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion: 45 Resp: 151395
Ion Ratio Lower Upper
45 100
43 51.9 40.0 60.0
87 22.7 28.2 42.4#
59 10.3 11.0 16.4#

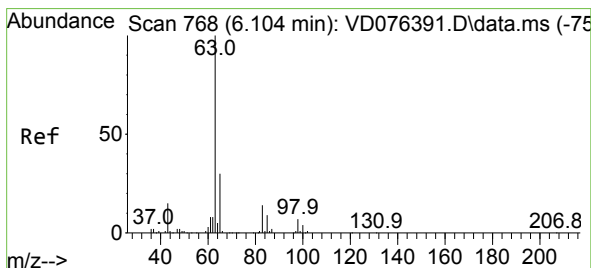
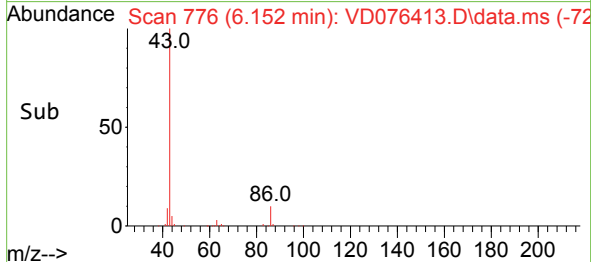
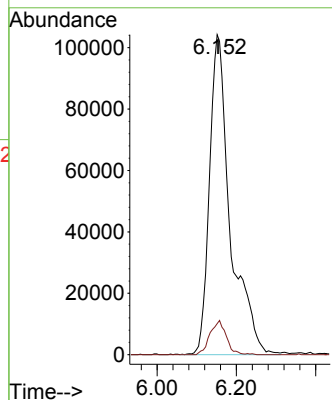
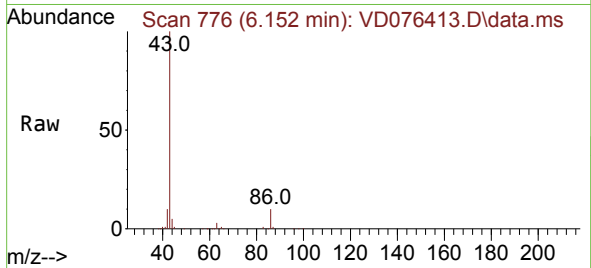




#23
 Vinyl Acetate
 Concen: 114.680 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD076413.D
 Acq: 14 Jun 2023 12:35

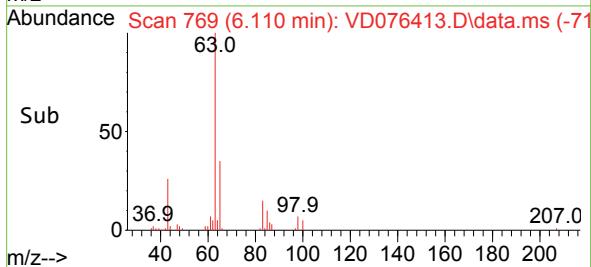
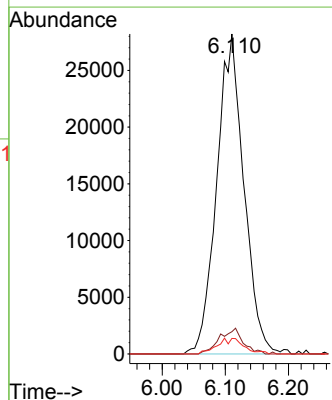
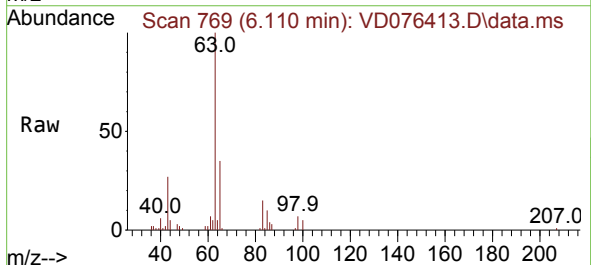
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBS01

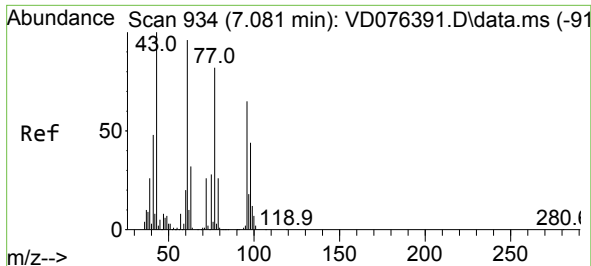
Tgt Ion: 43 Resp: 380248
 Ion Ratio Lower Upper
 43 100
 86 9.7 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 19.592 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076413.D
 Acq: 14 Jun 2023 12:35

Tgt Ion: 63 Resp: 84072
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.5 13.7
 100 4.9 2.5 7.5





#25

2-Butanone

Concen: 96.872 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

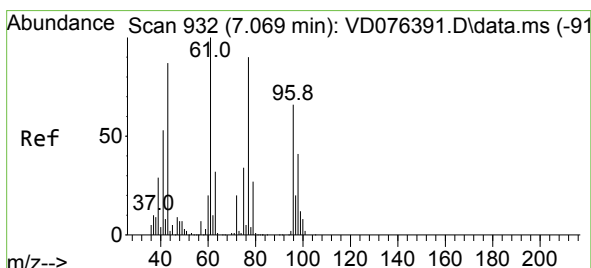
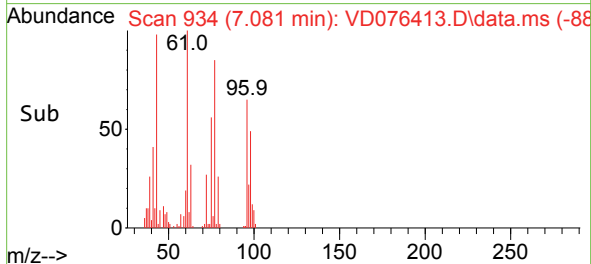
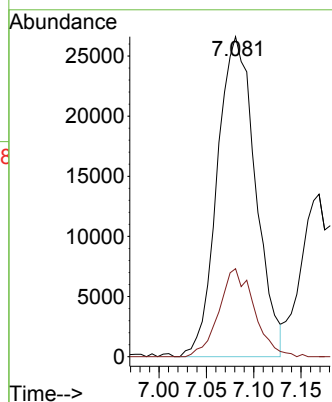
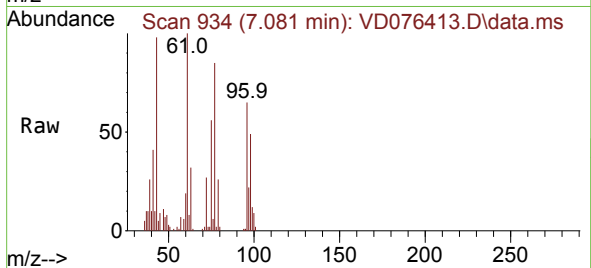
VD0614SBS01

Tgt Ion: 43 Resp: 74709

Ion Ratio Lower Upper

43 100

72 27.5 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 18.455 ug/l

RT: 7.069 min Scan# 932

Delta R.T. 0.000 min

Lab File: VD076413.D

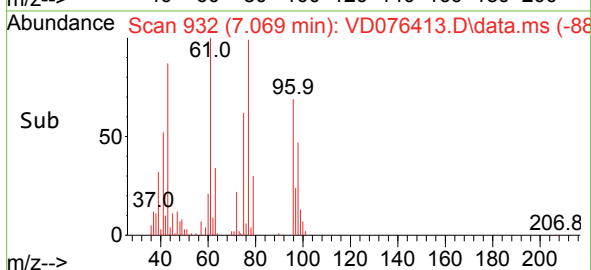
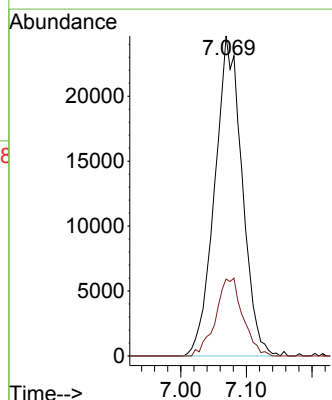
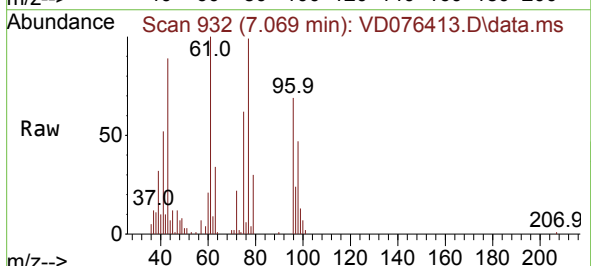
Acq: 14 Jun 2023 12:35

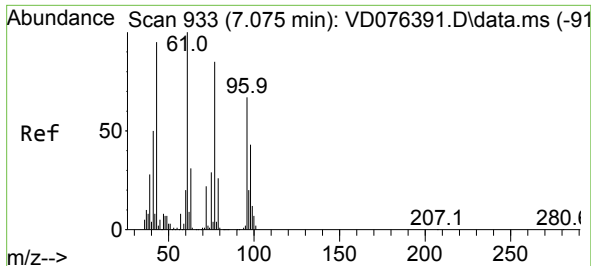
Tgt Ion: 77 Resp: 71304

Ion Ratio Lower Upper

77 100

97 24.2 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 18.975 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBS01

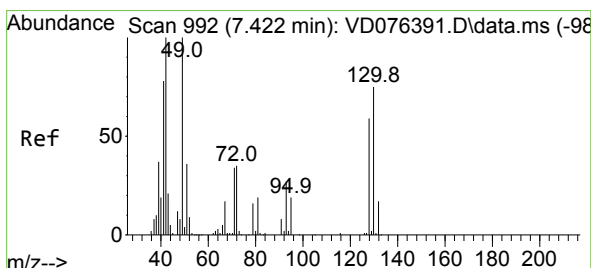
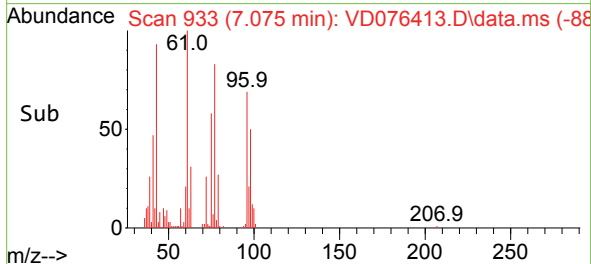
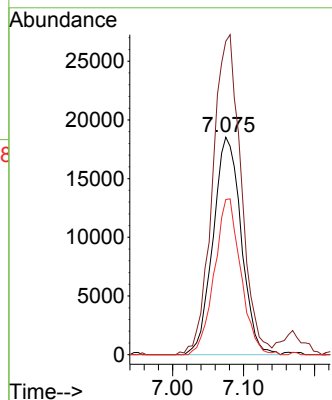
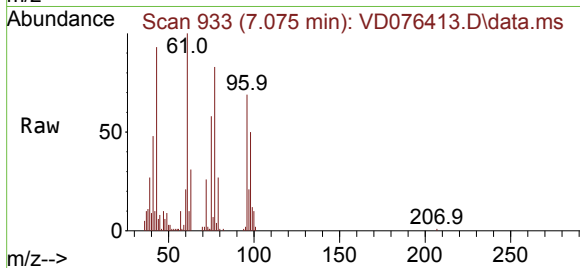
Tgt Ion: 96 Resp: 50904

Ion Ratio Lower Upper

96 100

61 149.5 0.0 239.2

98 67.4 0.0 128.6



#28

Bromochloromethane

Concen: 19.467 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

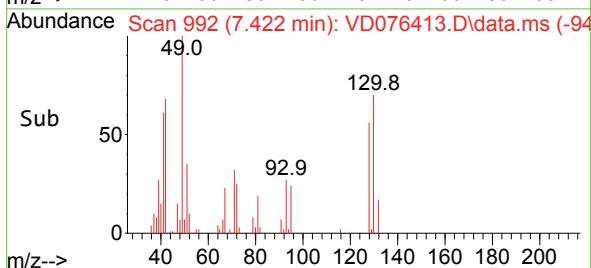
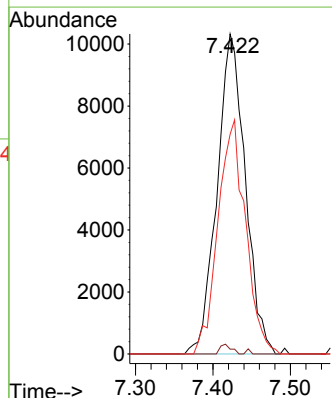
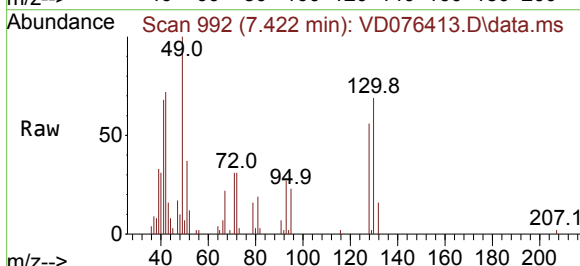
Tgt Ion: 49 Resp: 26143

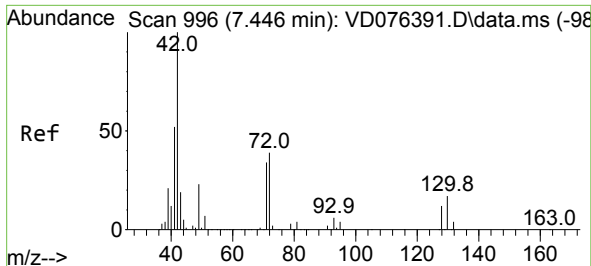
Ion Ratio Lower Upper

49 100

129 1.2 0.0 6.0

130 71.6 83.2 124.8#





#29

Tetrahydrofuran

Concen: 100.286 ug/l

RT: 7.451 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBS01

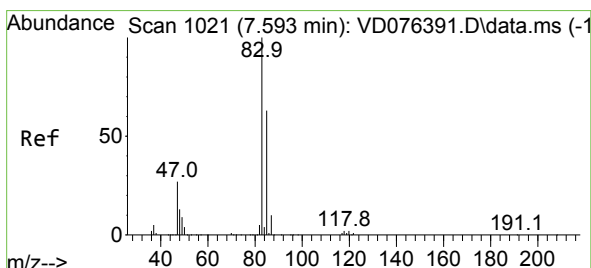
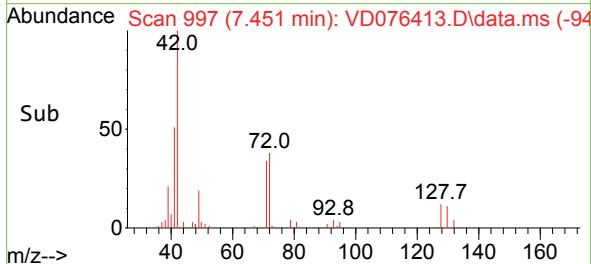
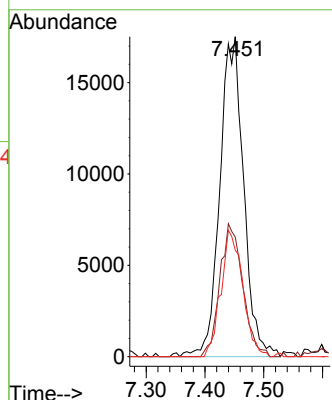
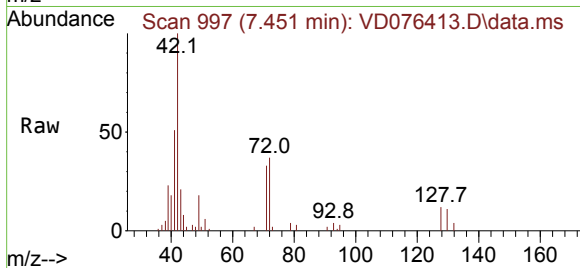
Tgt Ion: 42 Resp: 49343

Ion Ratio Lower Upper

42 100

72 39.8 46.5 69.7#

71 36.2 44.5 66.7#



#30

Chloroform

Concen: 19.157 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. 0.005 min

Lab File: VD076413.D

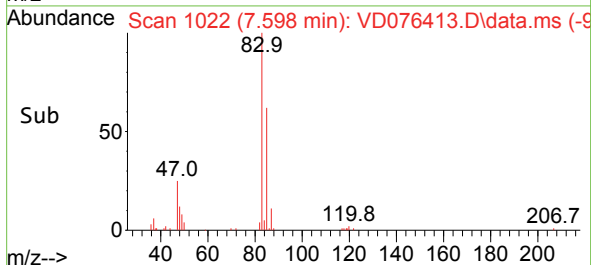
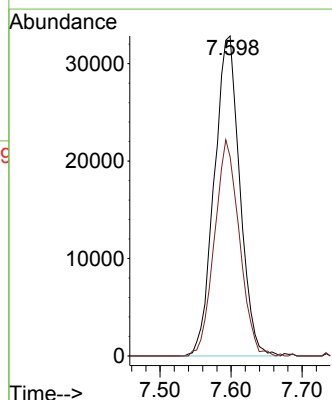
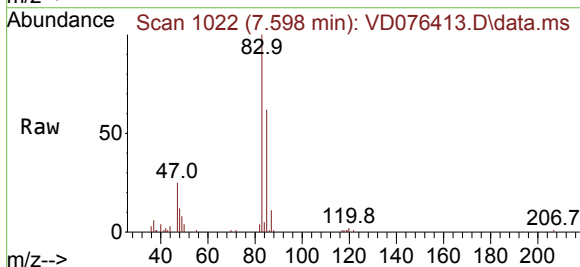
Acq: 14 Jun 2023 12:35

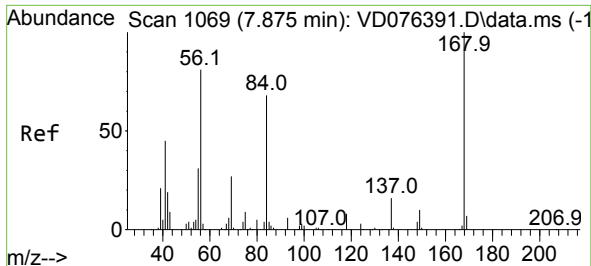
Tgt Ion: 83 Resp: 81935

Ion Ratio Lower Upper

83 100

85 62.2 53.4 80.2

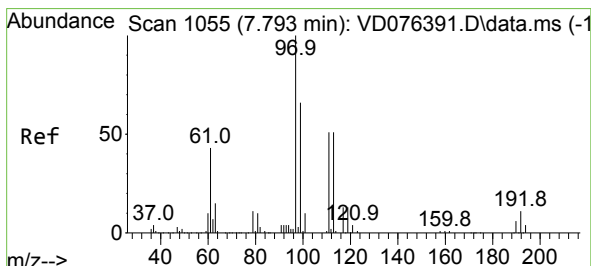
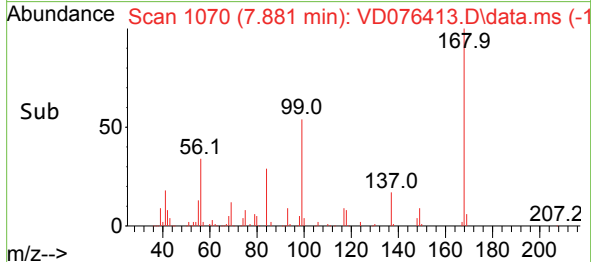
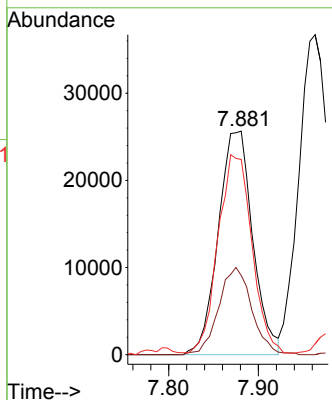
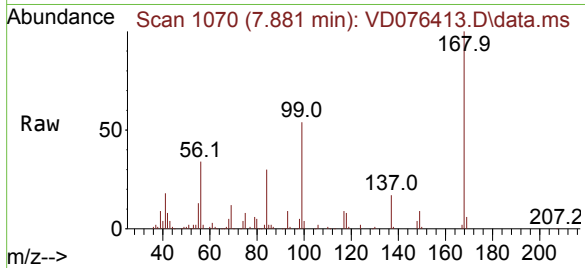




#31
Cyclohexane
Concen: 19.087 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

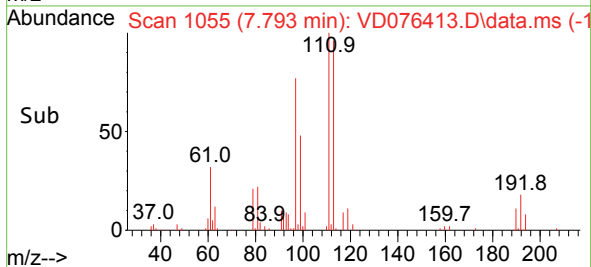
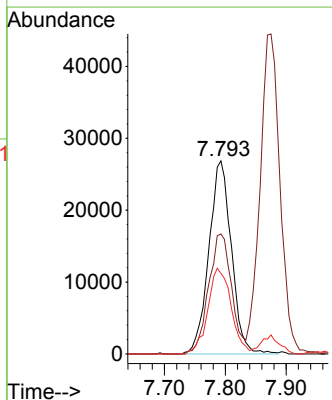
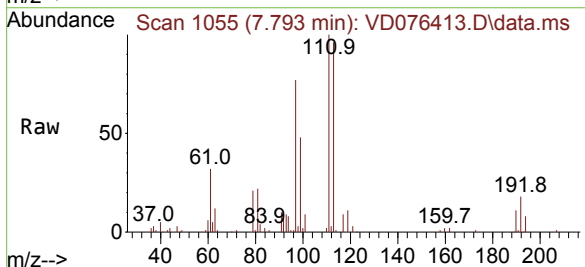
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

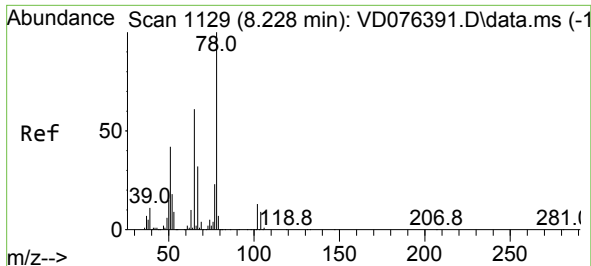
Tgt Ion: 56 Resp: 68501
Ion Ratio Lower Upper
56 100
69 35.5 28.6 43.0
84 86.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 18.902 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion: 97 Resp: 69044
Ion Ratio Lower Upper
97 100
99 63.4 52.0 78.0
61 45.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 46.512 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

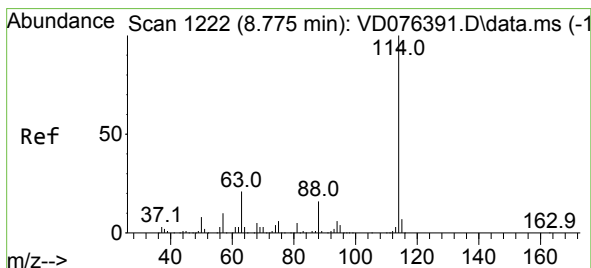
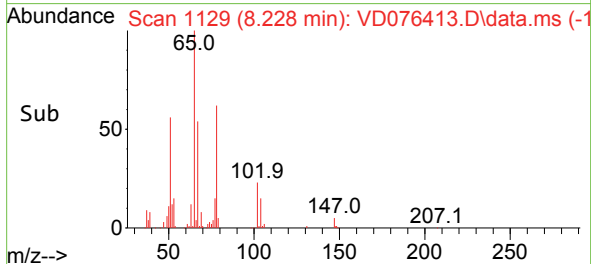
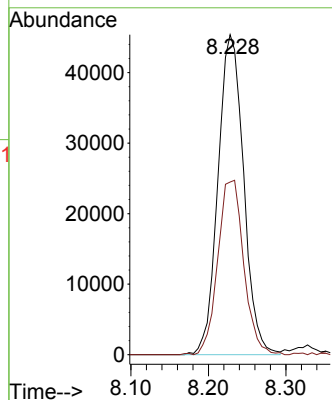
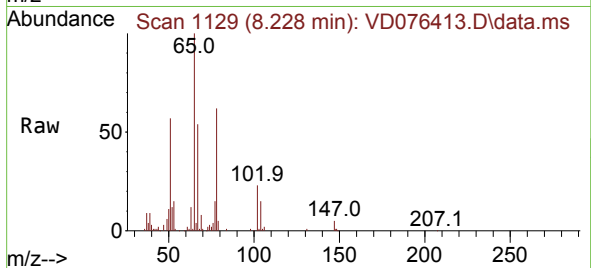
VD0614SBS01

Tgt Ion: 65 Resp: 104328

Ion Ratio Lower Upper

65 100

67 55.3 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: VD076413.D

Acq: 14 Jun 2023 12:35

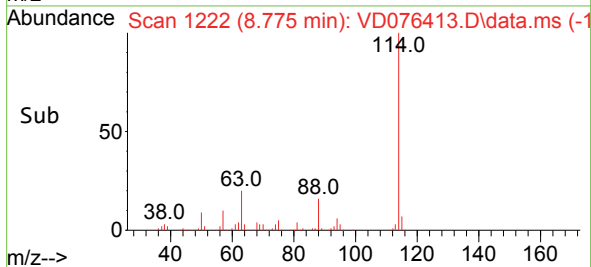
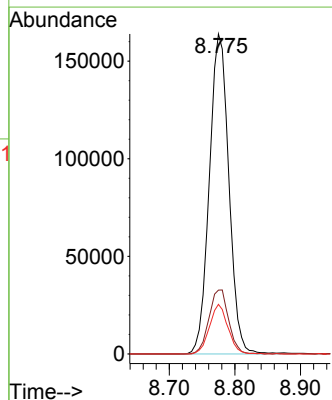
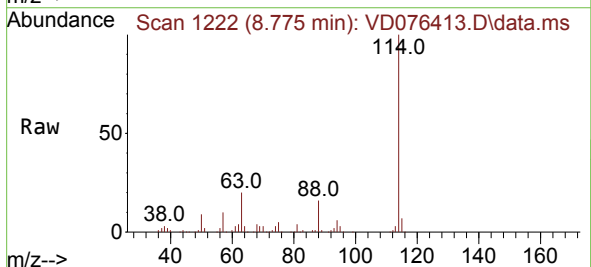
Tgt Ion: 114 Resp: 338897

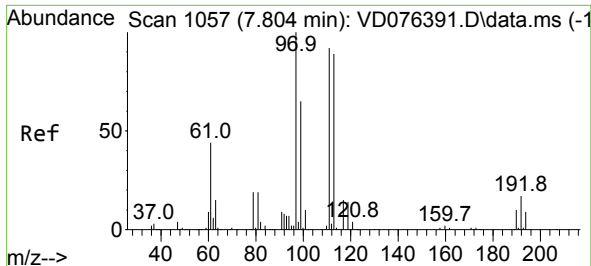
Ion Ratio Lower Upper

114 100

63 20.0 0.0 33.4

88 15.5 0.0 26.2

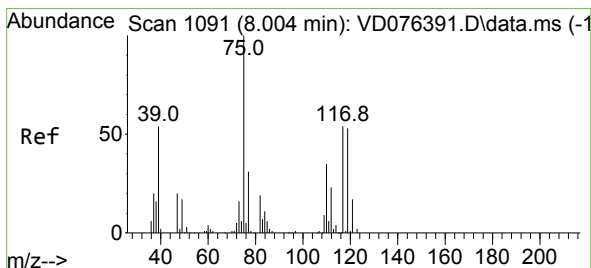
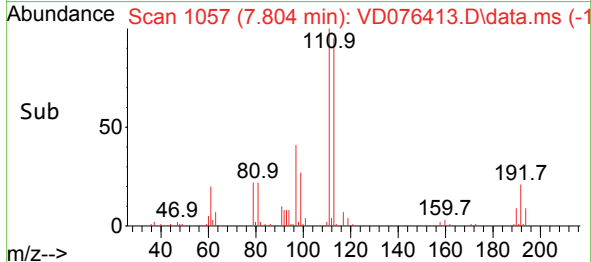
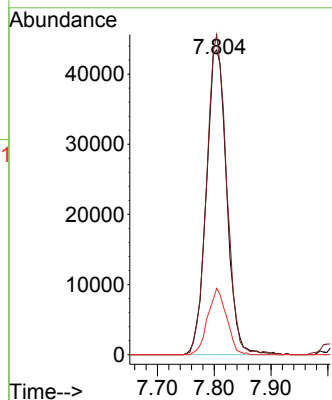
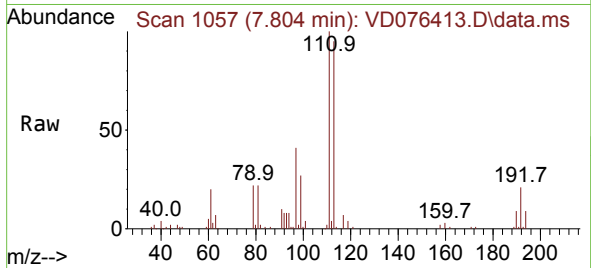




#35
Dibromofluoromethane
Concen: 49.528 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

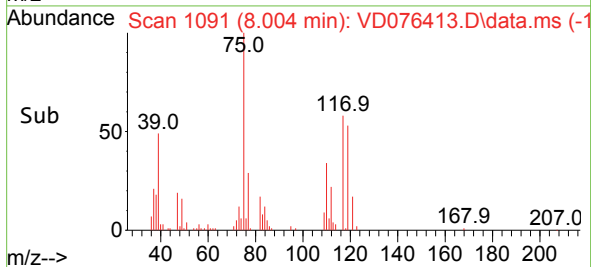
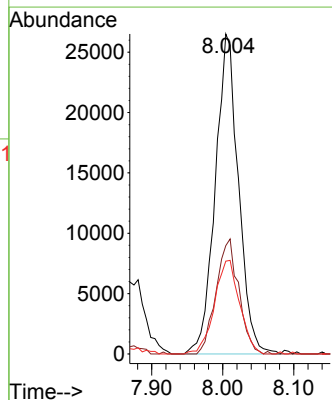
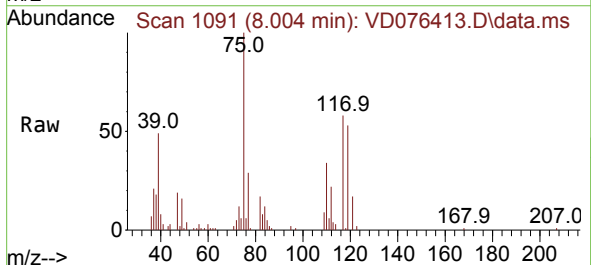
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

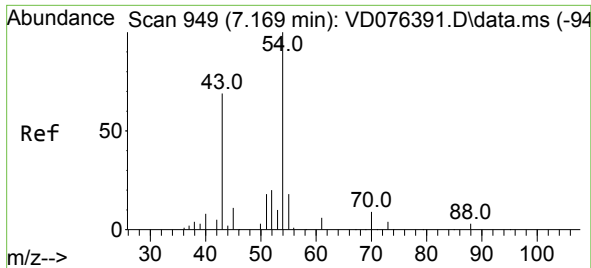
Tgt Ion:113 Resp: 108482
Ion Ratio Lower Upper
113 100
111 102.0 84.7 127.1
192 20.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 18.776 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion: 75 Resp: 60026
Ion Ratio Lower Upper
75 100
110 35.2 19.9 59.6
77 31.7 24.7 37.1

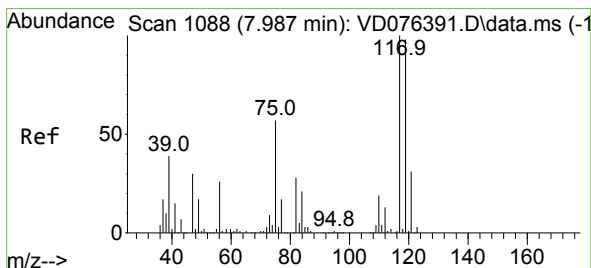
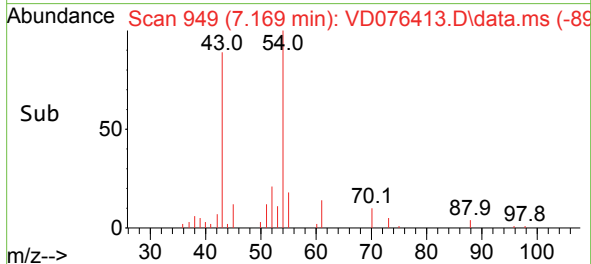
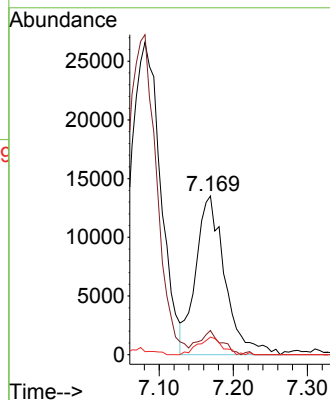
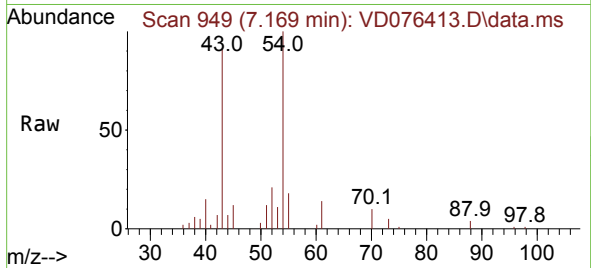




#37
Ethyl Acetate
Concen: 21.994 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

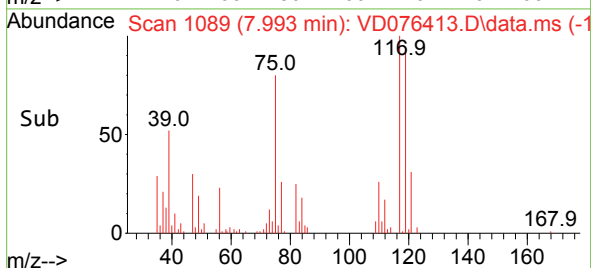
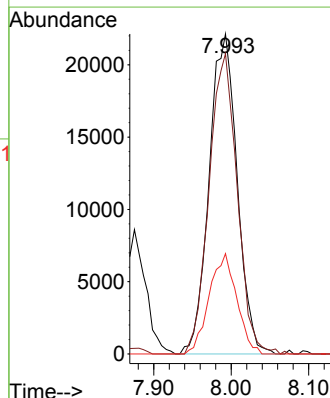
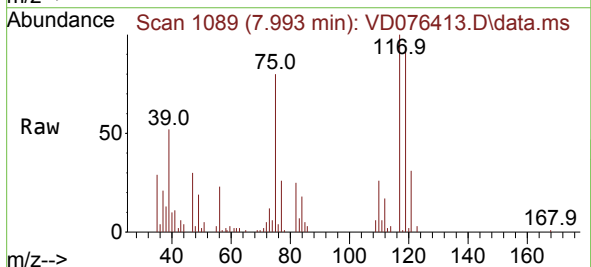
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

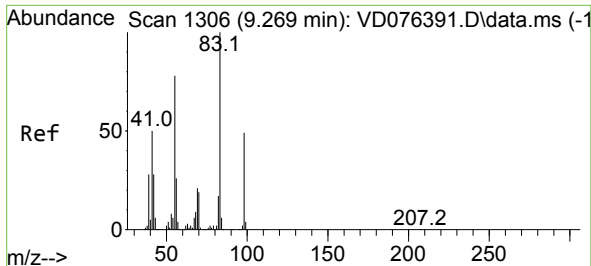
Tgt Ion: 43 Resp: 36985
Ion Ratio Lower Upper
43 100
61 11.5 14.9 22.3#
70 9.1 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 18.754 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion: 117 Resp: 55666
Ion Ratio Lower Upper
117 100
119 93.9 78.0 117.0
121 31.4 24.2 36.2





#39

Methylcyclohexane

Concen: 18.768 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBS01

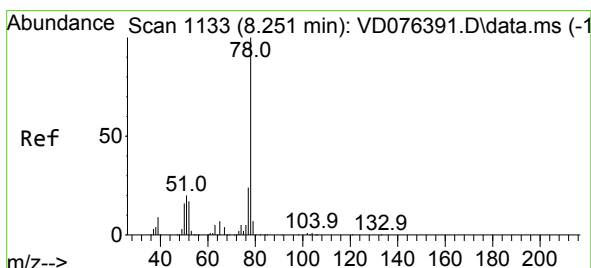
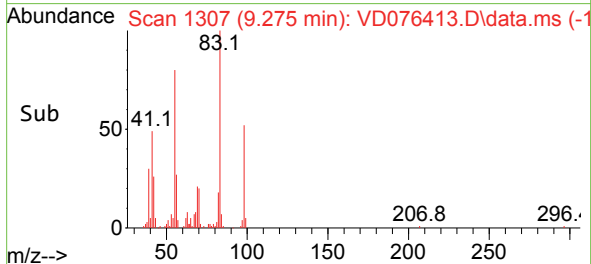
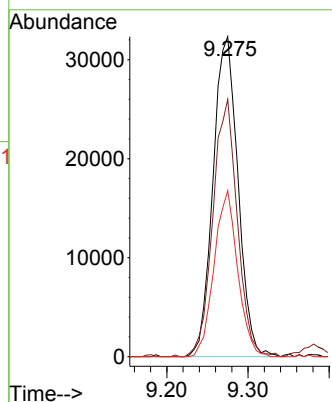
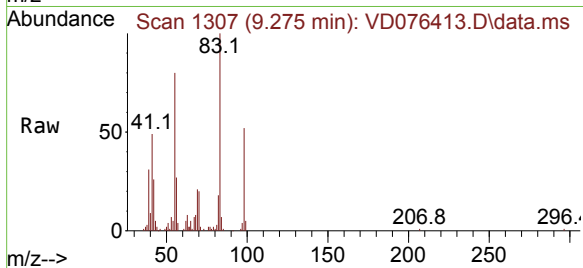
Tgt Ion: 83 Resp: 69088

Ion Ratio Lower Upper

83 100

55 80.4 49.4 74.0#

98 51.8 38.4 57.6



#40

Benzene

Concen: 19.008 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD076413.D

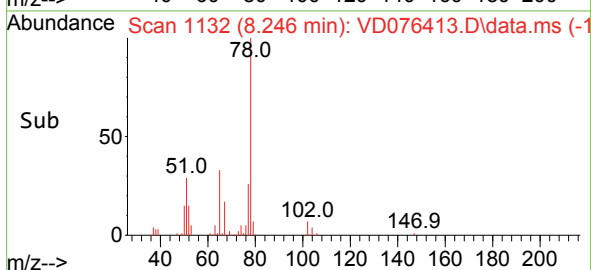
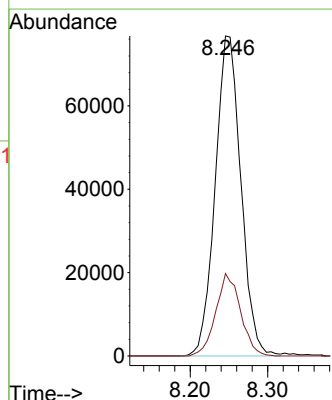
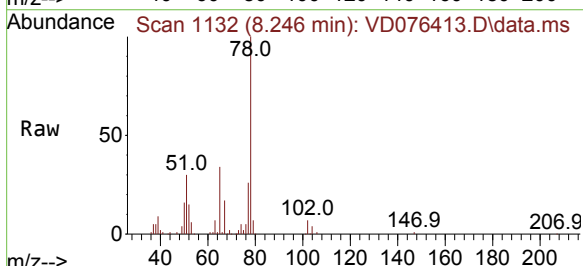
Acq: 14 Jun 2023 12:35

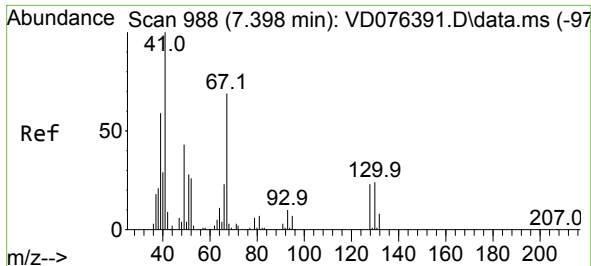
Tgt Ion: 78 Resp: 176665

Ion Ratio Lower Upper

78 100

77 25.8 19.4 29.0

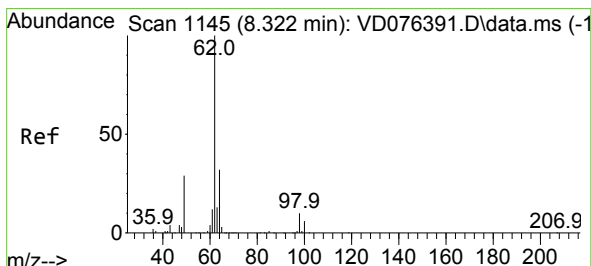
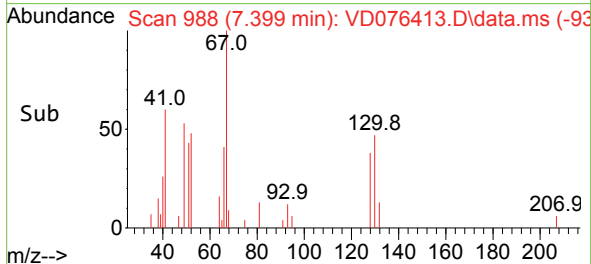
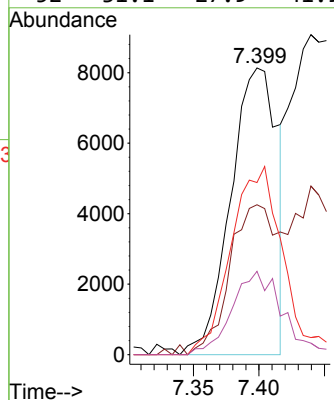
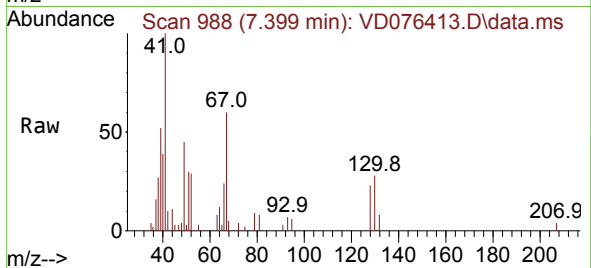




#41
Methacrylonitrile
Concen: 18.716 ug/l
RT: 7.399 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

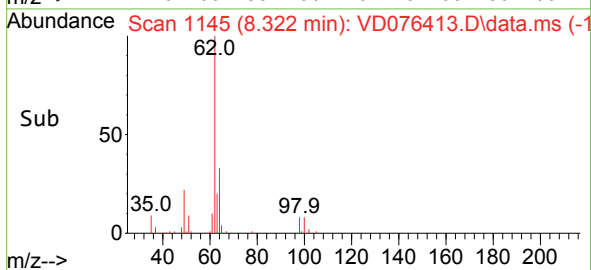
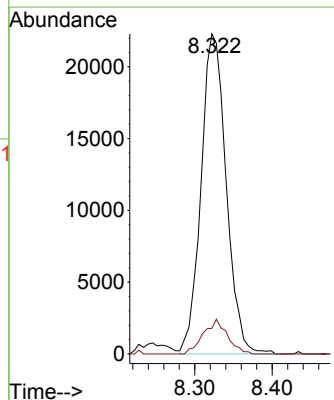
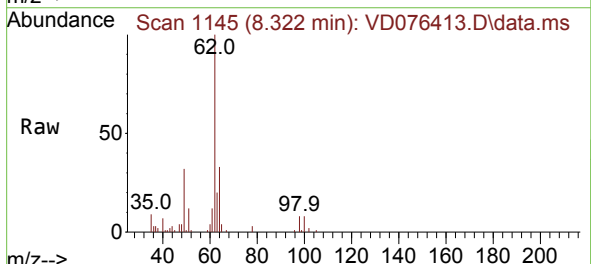
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

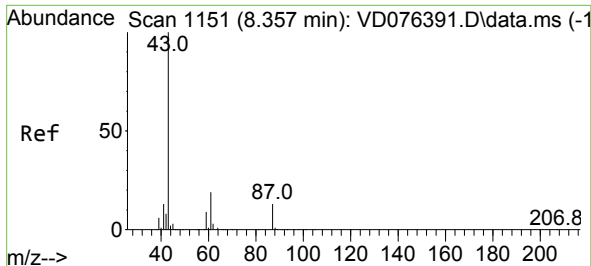
Tgt Ion:	41	Resp:	20134
Ion	Ratio	Lower	Upper
41	100		
39	59.1	34.0	51.0#
67	72.4	77.0	115.4#
52	31.1	27.9	41.9



#42
1,2-Dichloroethane
Concen: 18.203 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion:	62	Resp:	50381
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	25.4

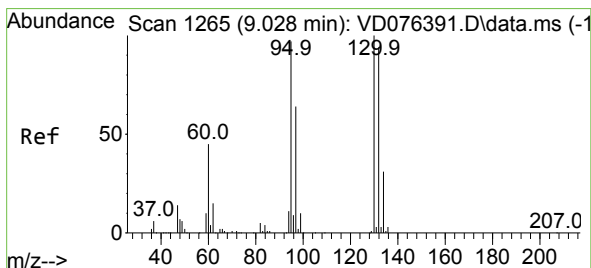
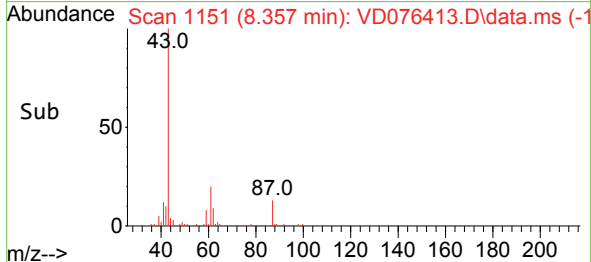
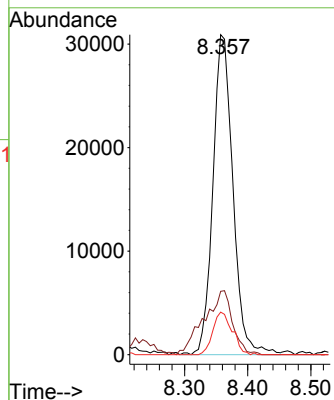
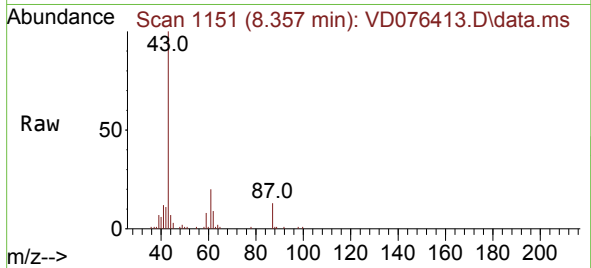




#43
Isopropyl Acetate
Concen: 19.299 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

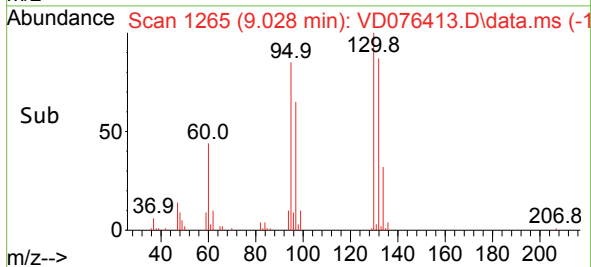
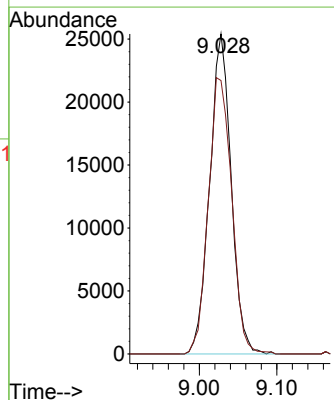
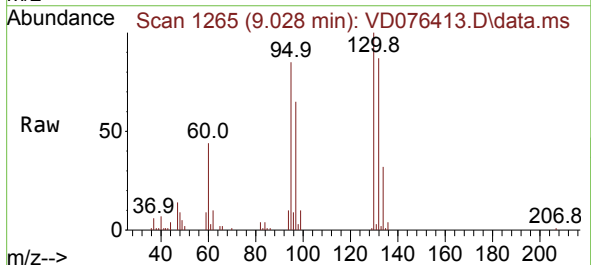
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

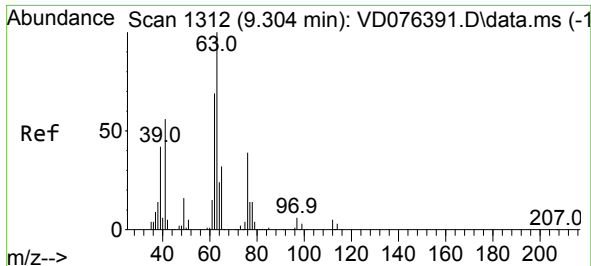
Tgt Ion: 43 Resp: 68040
Ion Ratio Lower Upper
43 100
61 28.6 31.4 47.0#
87 13.0 14.9 22.3#



#44
Trichloroethene
Concen: 19.439 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion:130 Resp: 48977
Ion Ratio Lower Upper
130 100
95 85.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.715 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

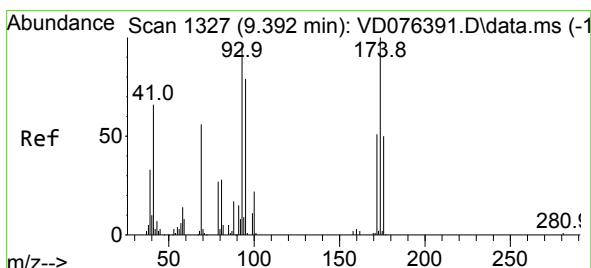
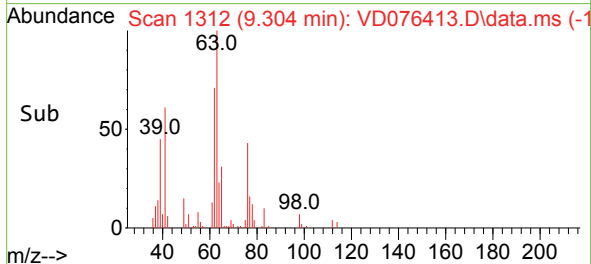
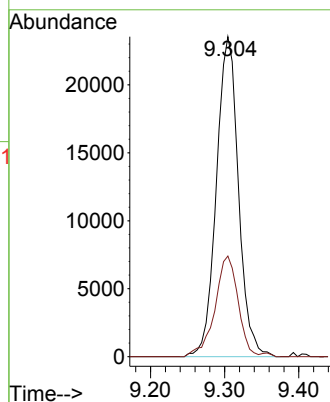
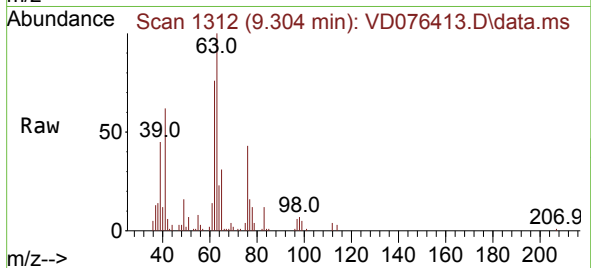
VD0614SBS01

Tgt Ion: 63 Resp: 48702

Ion Ratio Lower Upper

63 100

65 31.5 24.5 36.7



#46

Dibromomethane

Concen: 18.782 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

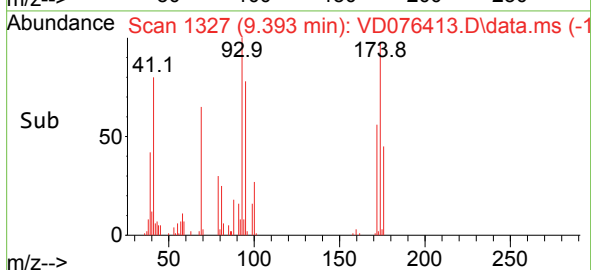
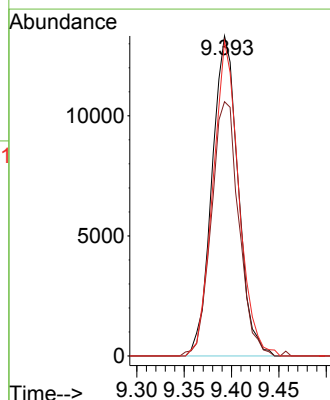
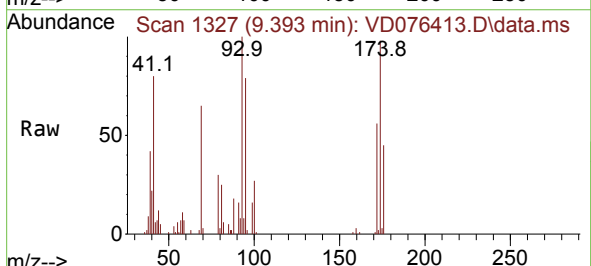
Tgt Ion: 93 Resp: 25605

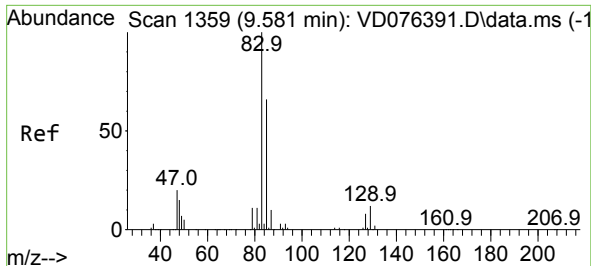
Ion Ratio Lower Upper

93 100

95 83.5 67.7 101.5

174 97.3 85.4 128.2

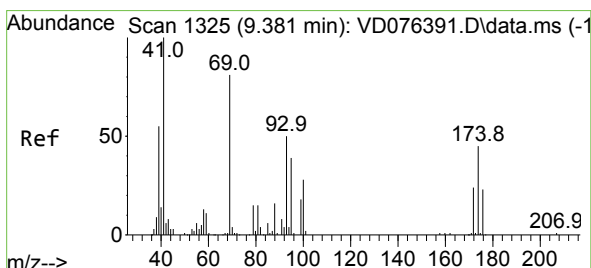
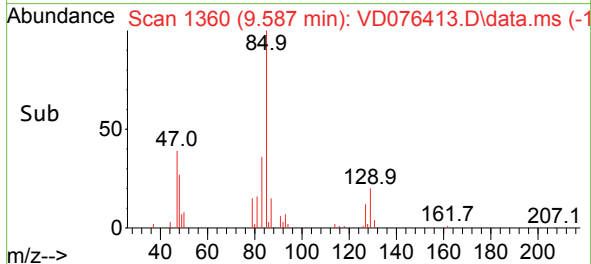
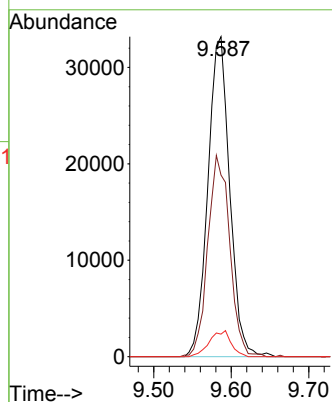
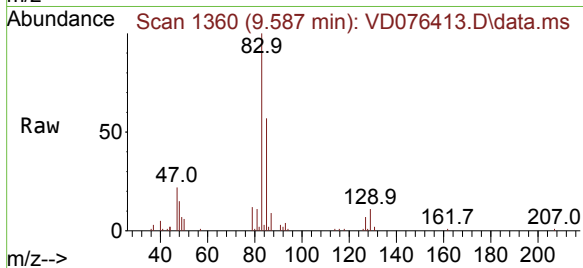




#47
Bromodichloromethane
Concen: 19.182 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

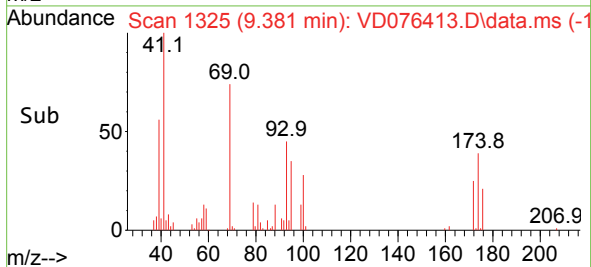
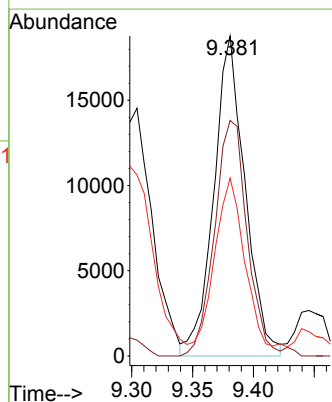
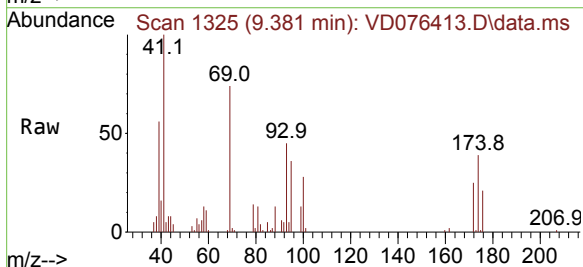
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

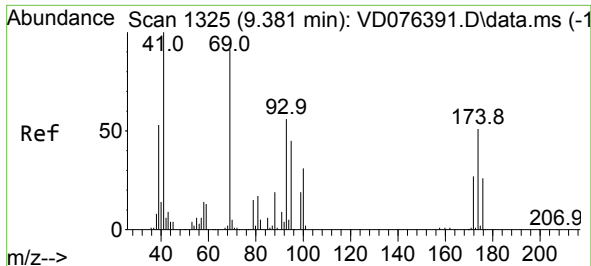
Tgt Ion: 83 Resp: 64778
Ion Ratio Lower Upper
83 100
85 56.7 50.2 75.4
127 7.0 6.3 9.5



#48
Methyl methacrylate
Concen: 19.884 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion: 41 Resp: 33599
Ion Ratio Lower Upper
41 100
69 77.4 102.2 153.2#
39 55.3 41.4 62.2





#49

1,4-Dioxane

Concen: 414.602 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBS01

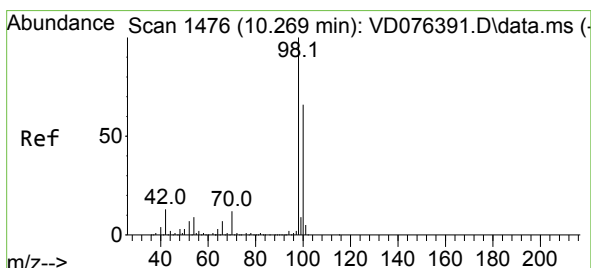
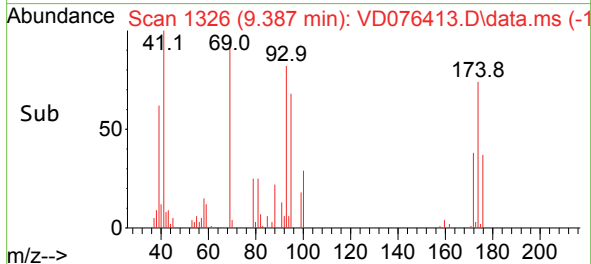
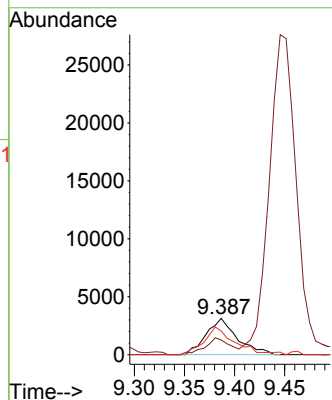
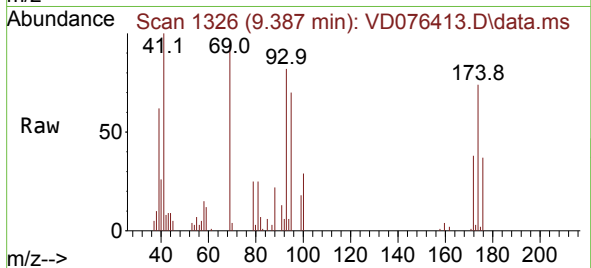
Tgt Ion: 88 Resp: 6706

Ion Ratio Lower Upper

88 100

43 37.5 19.0 28.6#

58 73.8 43.5 65.3#



#50

Toluene-d8

Concen: 49.298 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076413.D

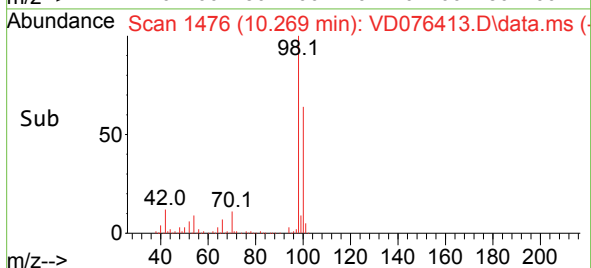
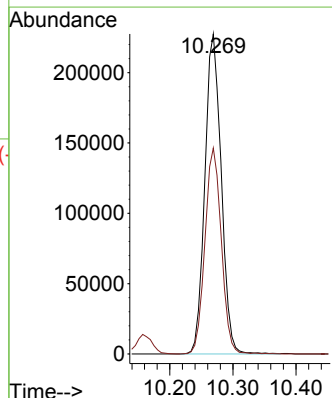
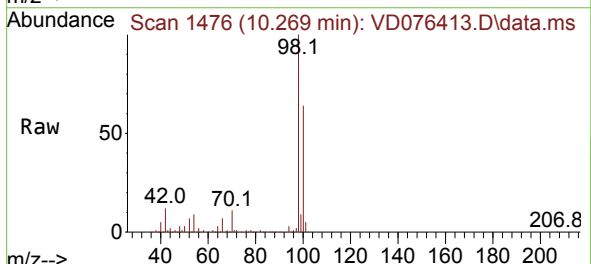
Acq: 14 Jun 2023 12:35

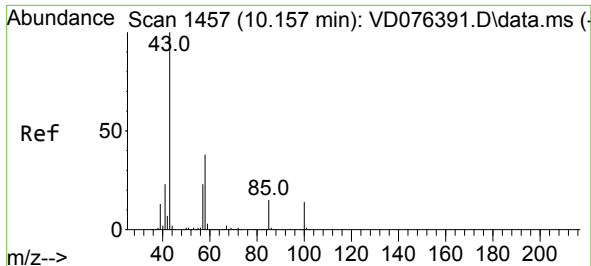
Tgt Ion: 98 Resp: 409198

Ion Ratio Lower Upper

98 100

100 64.4 50.3 75.5

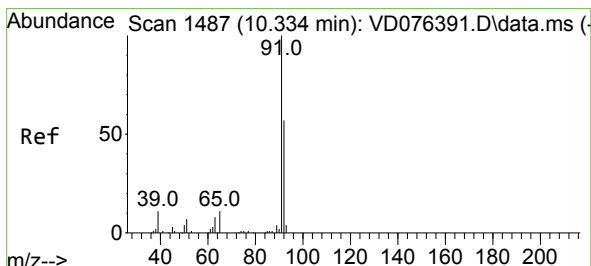
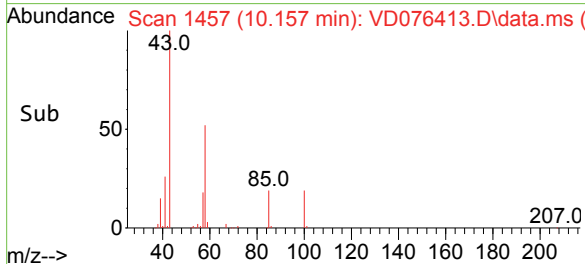
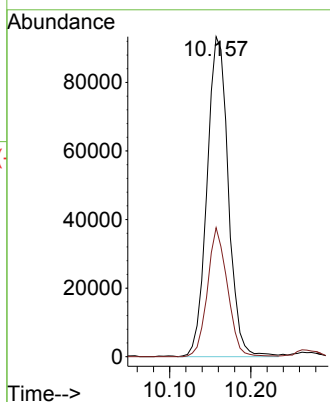
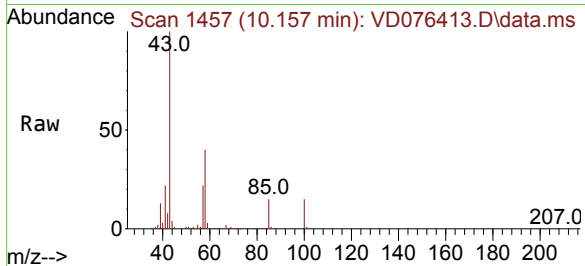




#51
4-Methyl-2-Pentanone
Concen: 97.112 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

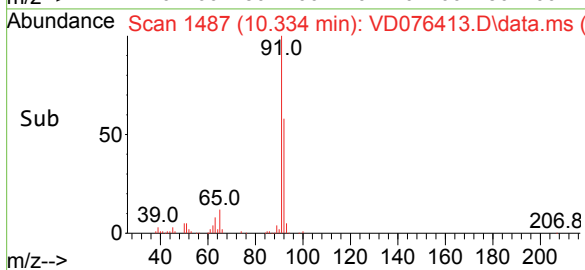
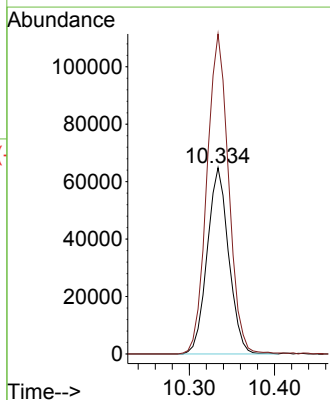
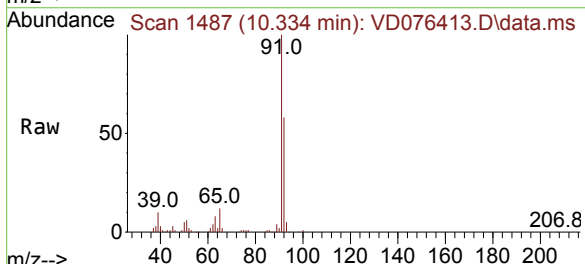
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

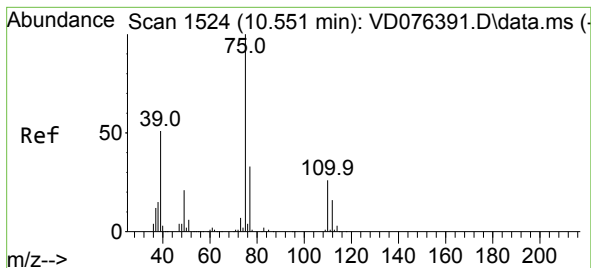
Tgt Ion: 43 Resp: 170052
Ion Ratio Lower Upper
43 100
58 37.8 38.9 58.3#



#52
Toluene
Concen: 19.320 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion: 92 Resp: 113514
Ion Ratio Lower Upper
92 100
91 173.7 143.0 214.4





#53

t-1,3-Dichloropropene

Concen: 18.850 ug/l

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

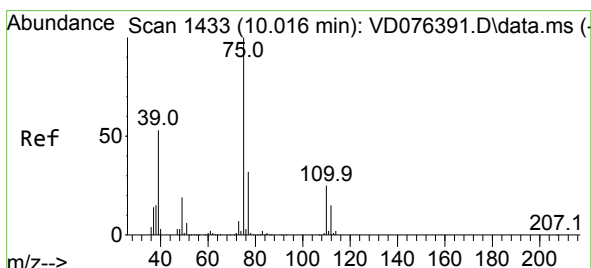
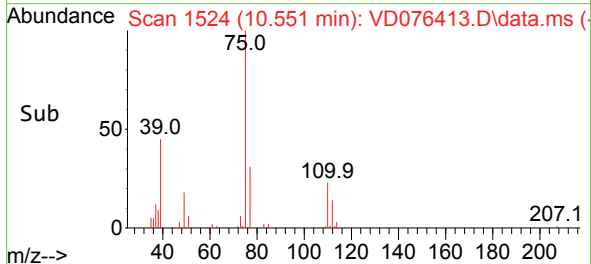
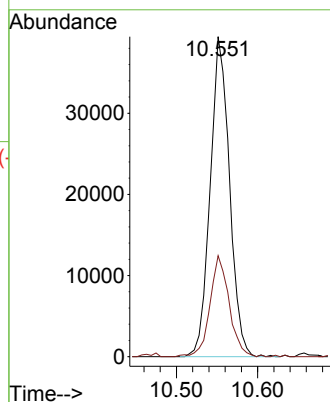
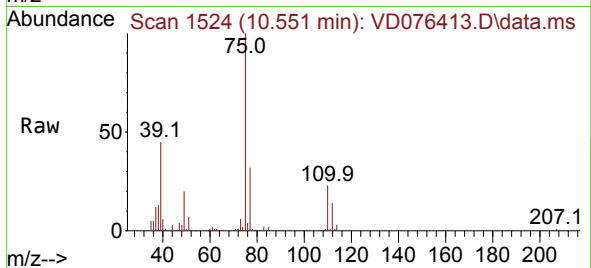
VD0614SBS01

Tgt Ion: 75 Resp: 65107

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 19.199 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

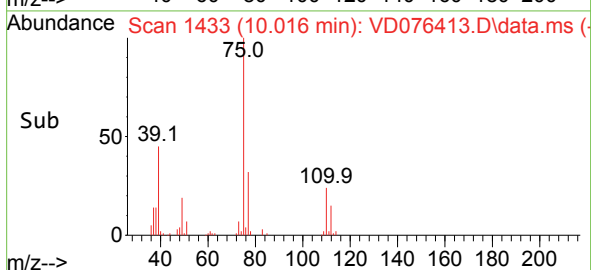
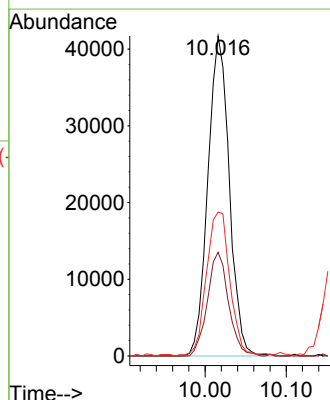
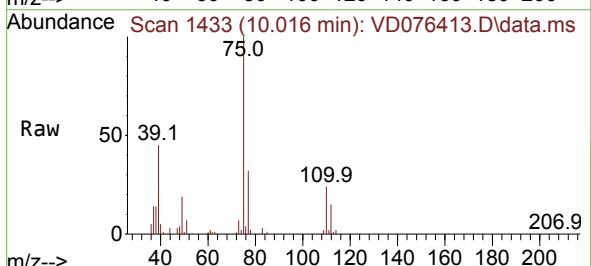
Tgt Ion: 75 Resp: 76260

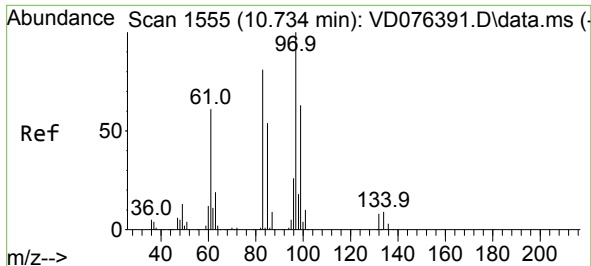
Ion Ratio Lower Upper

75 100

77 32.4 25.5 38.3

39 44.6 22.1 33.1#

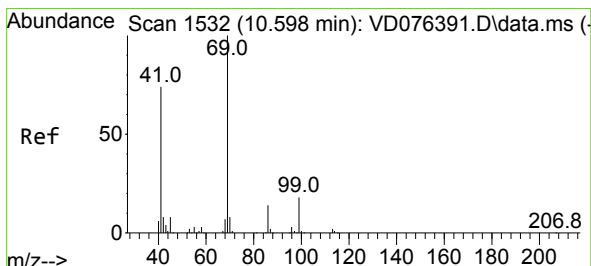
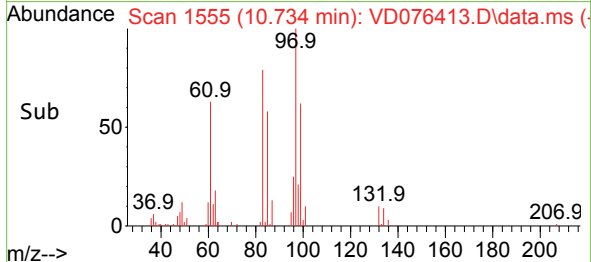
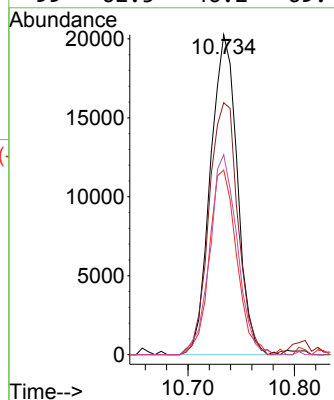
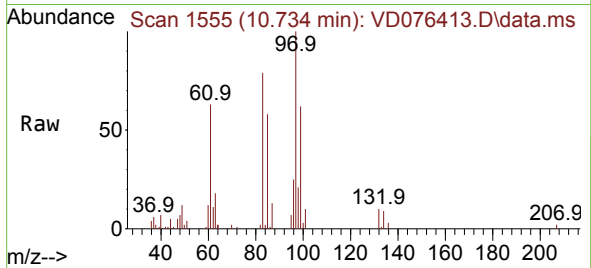




#55
1,1,2-Trichloroethane
Concen: 19.463 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

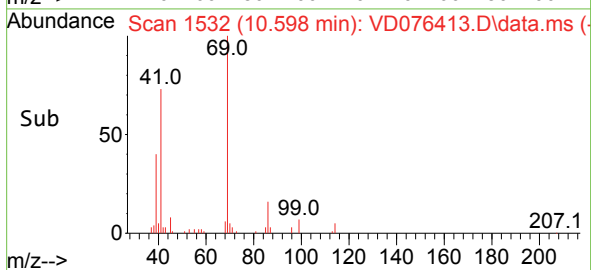
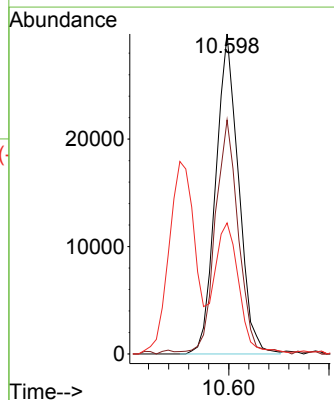
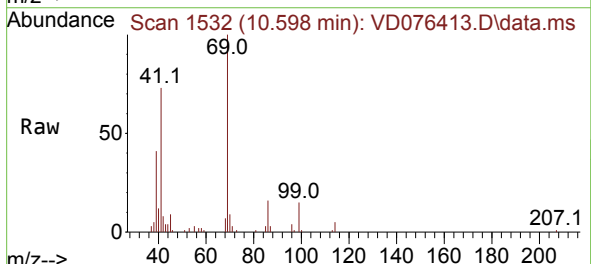
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

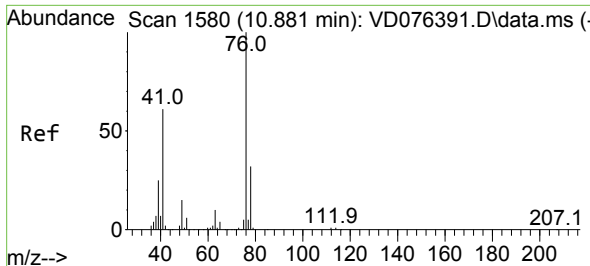
Tgt Ion:	97	Resp:	35440
Ion	Ratio	Lower	Upper
97	100		
83	78.8	65.8	98.6
85	57.7	45.7	68.5
99	62.5	46.2	69.4



#56
Ethyl methacrylate
Concen: 18.672 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion:	69	Resp:	47218
Ion	Ratio	Lower	Upper
69	100		
41	74.2	39.1	58.7#
39	43.0	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 19.754 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

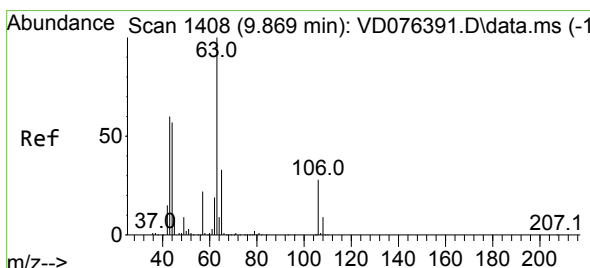
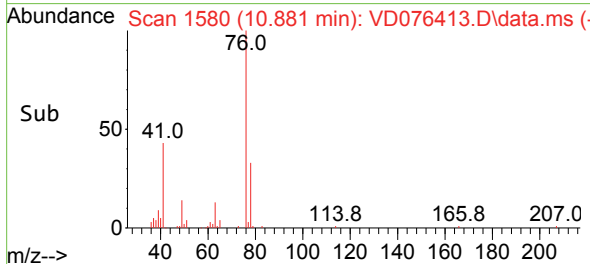
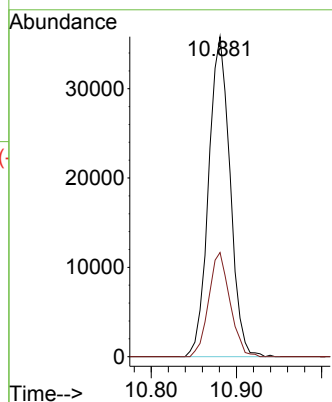
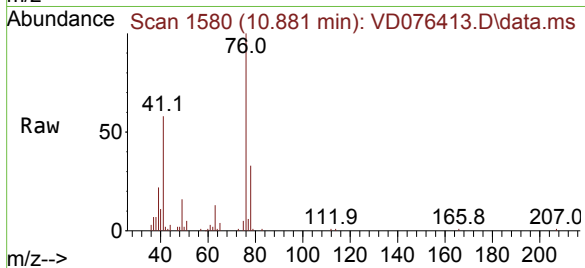
VD0614SBS01

Tgt Ion: 76 Resp: 62571

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 99.856 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076413.D

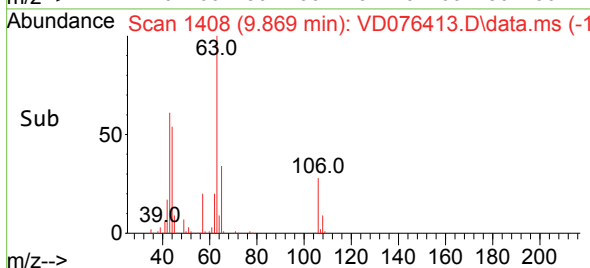
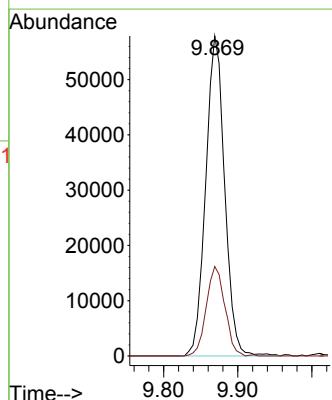
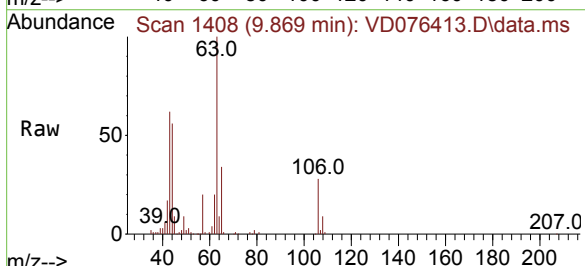
Acq: 14 Jun 2023 12:35

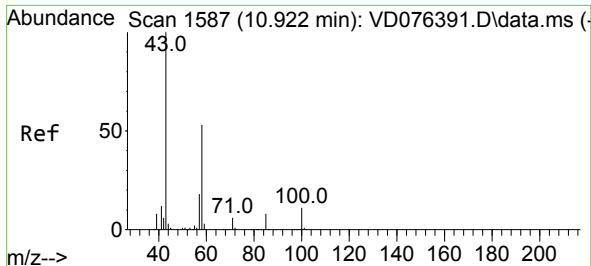
Tgt Ion: 63 Resp: 102856

Ion Ratio Lower Upper

63 100

106 27.5 25.3 37.9

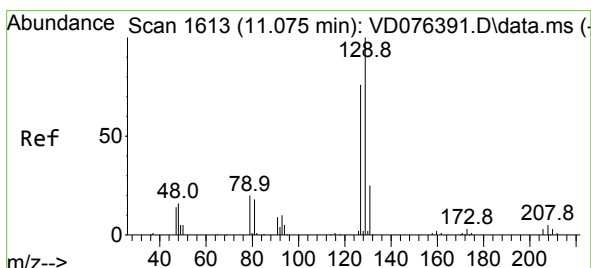
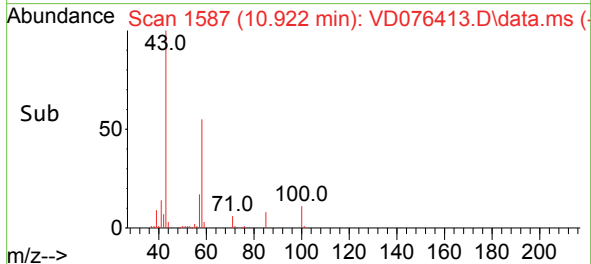
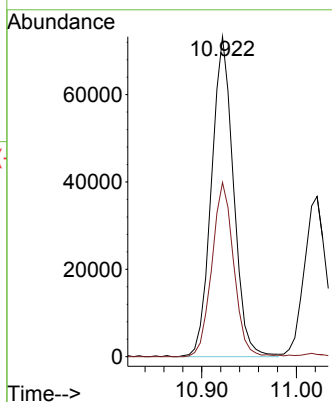
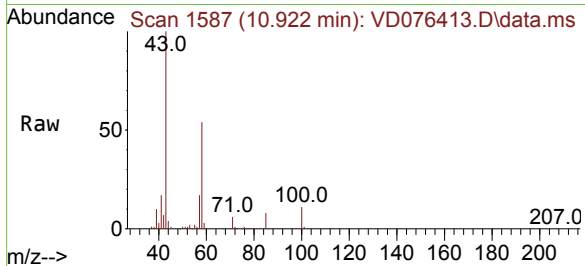




#59
2-Hexanone
Concen: 96.682 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

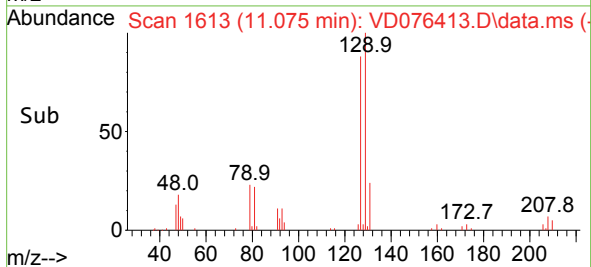
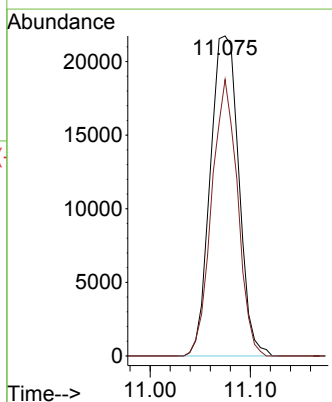
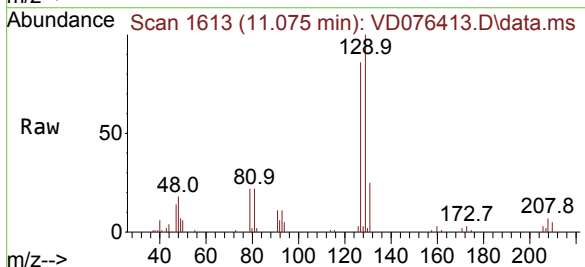
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

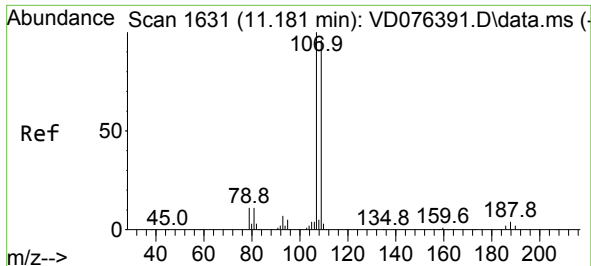
Tgt Ion: 43 Resp: 118672
Ion Ratio Lower Upper
43 100
58 53.9 34.1 102.2



#60
Dibromochloromethane
Concen: 19.073 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion: 129 Resp: 42971
Ion Ratio Lower Upper
129 100
127 78.2 37.1 111.5

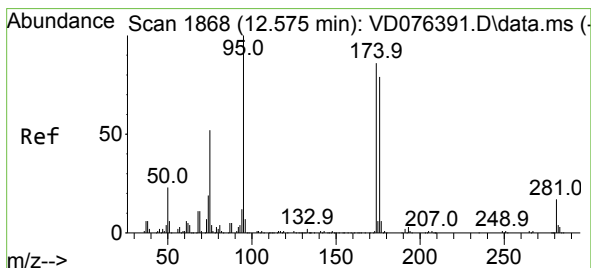
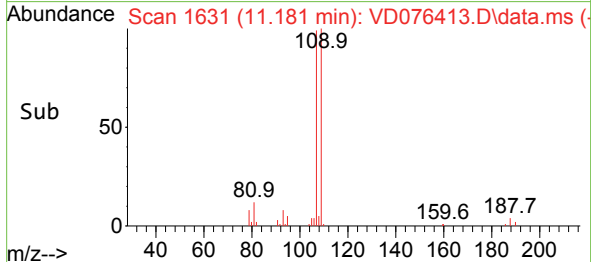
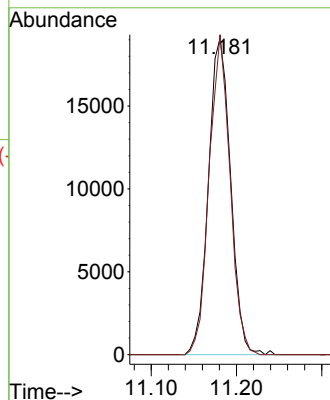
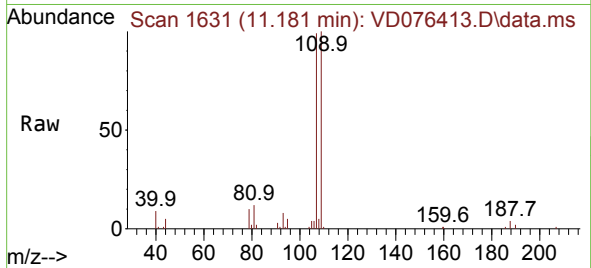




#61
1,2-Dibromoethane
Concen: 19.551 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

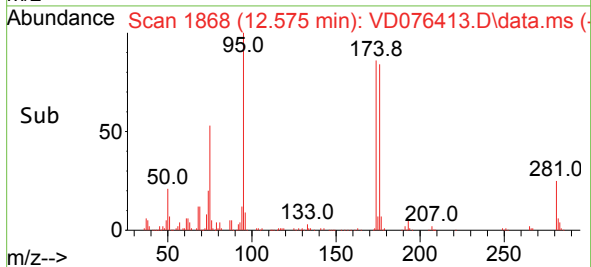
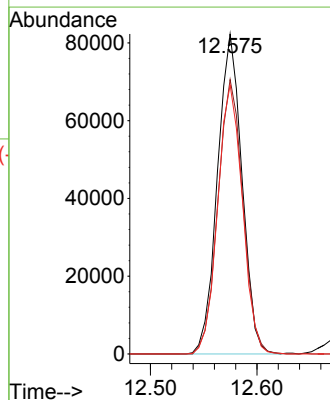
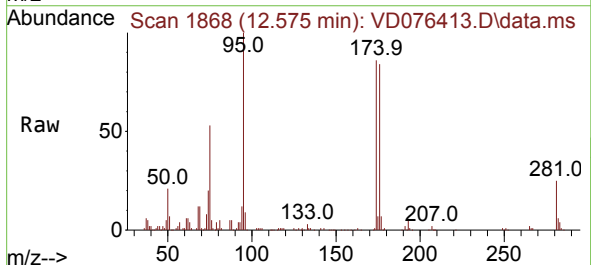
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

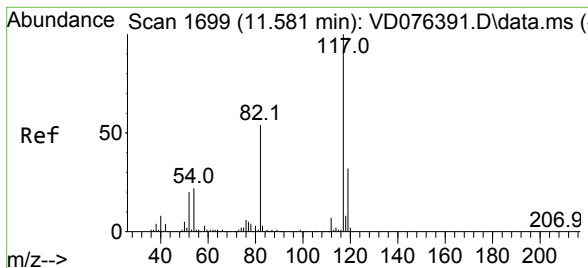
Tgt Ion:107 Resp: 34538
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.168 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion: 95 Resp: 131465
Ion Ratio Lower Upper
95 100
174 87.2 0.0 201.8
176 84.7 0.0 191.8

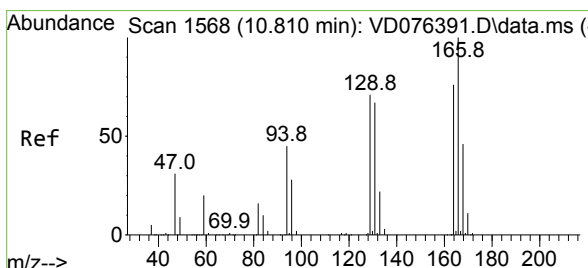
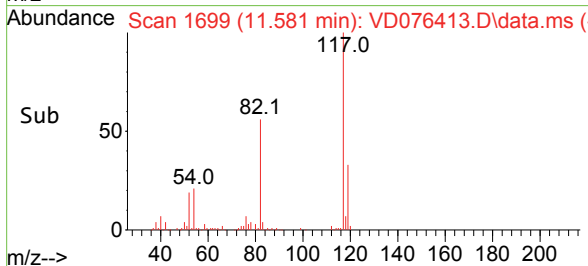
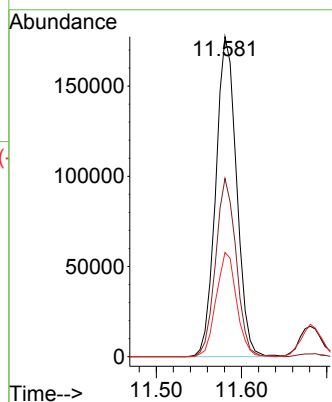
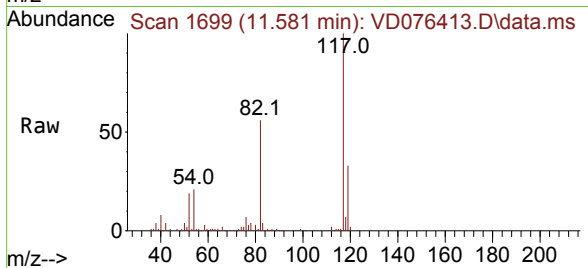




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

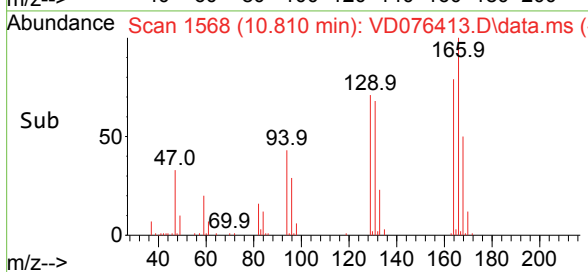
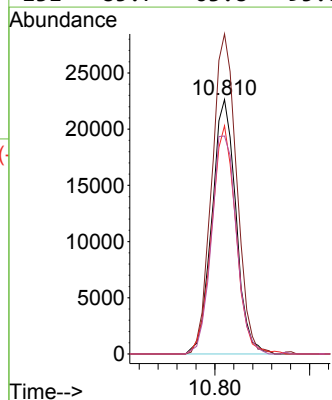
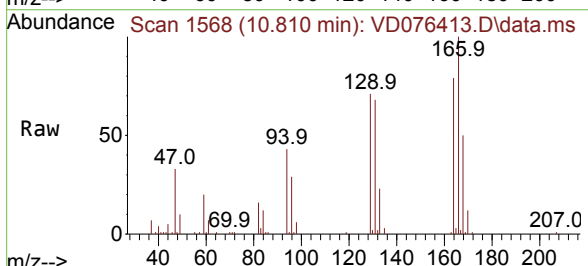
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

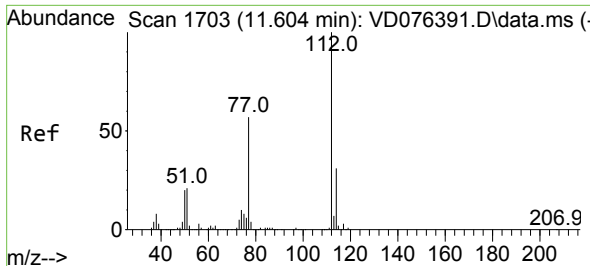
Tgt Ion:117 Resp: 300918
Ion Ratio Lower Upper
117 100
82 55.7 38.3 57.5
119 32.5 25.0 37.4



#64
Tetrachloroethene
Concen: 19.282 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion:164 Resp: 39834
Ion Ratio Lower Upper
164 100
166 125.8 99.2 148.8
129 89.7 68.4 102.6
131 85.7 63.8 95.8

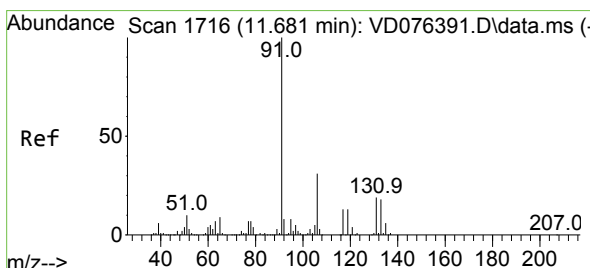
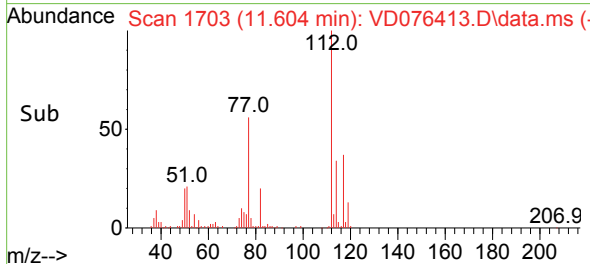
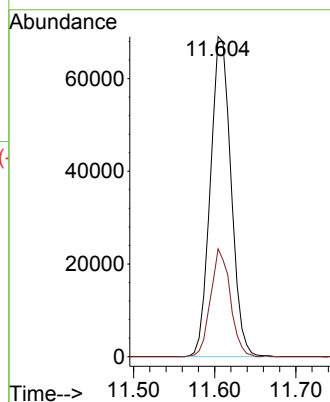
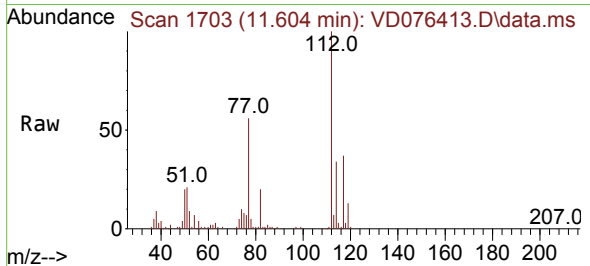




#65
Chlorobenzene
Concen: 19.611 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

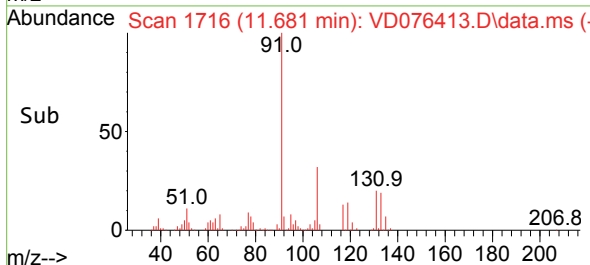
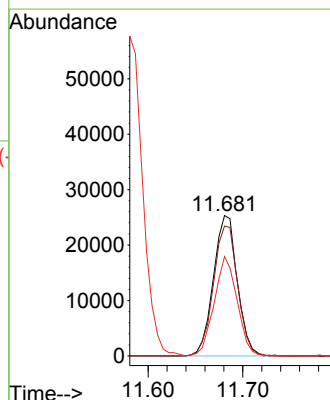
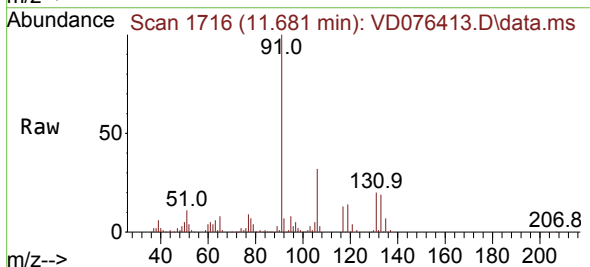
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

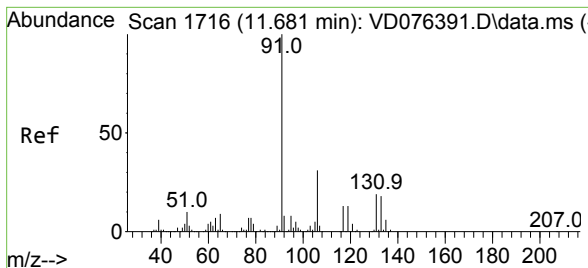
Tgt Ion:112 Resp: 122324
Ion Ratio Lower Upper
112 100
114 33.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.049 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion:131 Resp: 44427
Ion Ratio Lower Upper
131 100
133 94.2 48.5 145.5
119 67.8 35.6 106.9





#67

Ethyl Benzene

Concen: 19.096 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

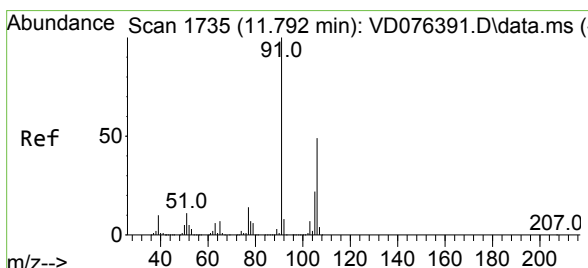
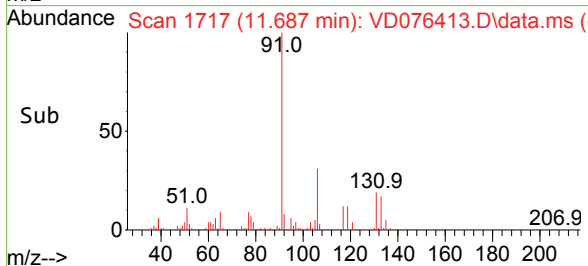
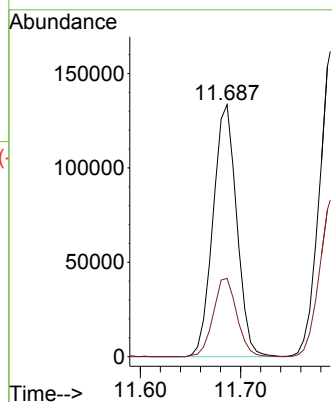
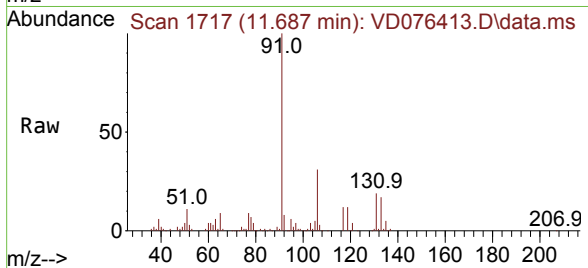
VD0614SBS01

Tgt Ion: 91 Resp: 219378

Ion Ratio Lower Upper

91 100

106 31.0 26.5 39.7



#68

m/p-Xylenes

Concen: 38.732 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD076413.D

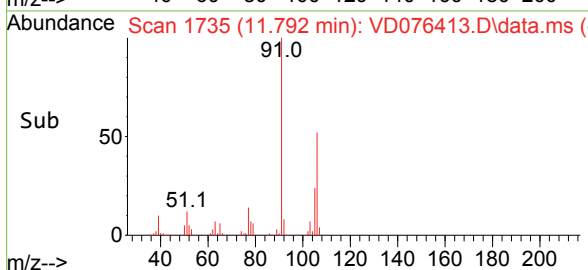
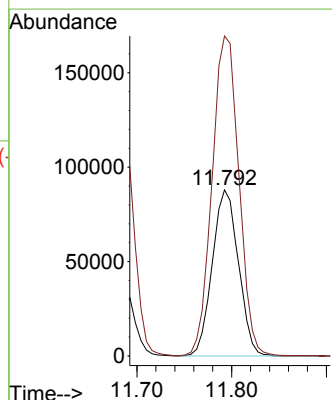
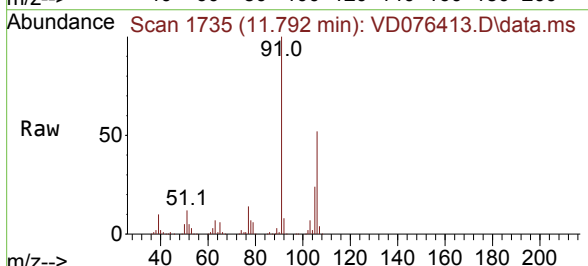
Acq: 14 Jun 2023 12:35

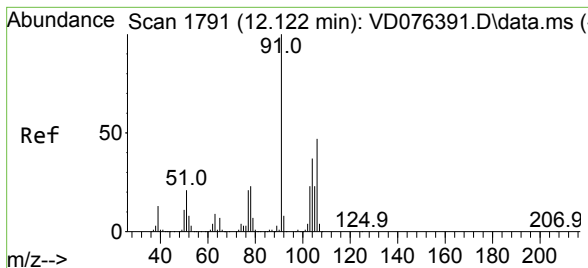
Tgt Ion:106 Resp: 168358

Ion Ratio Lower Upper

106 100

91 198.4 147.0 220.6

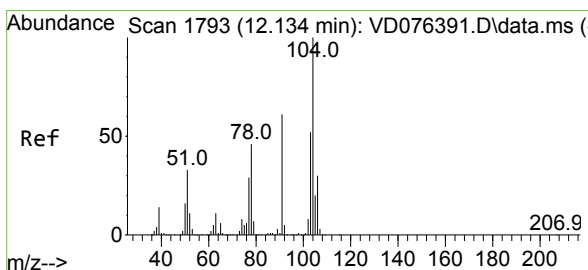
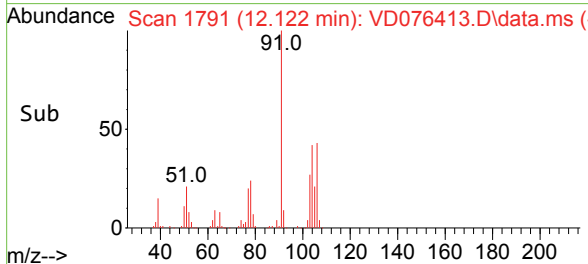
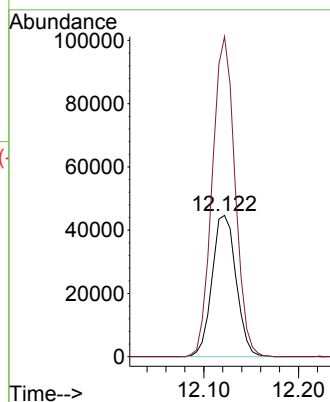
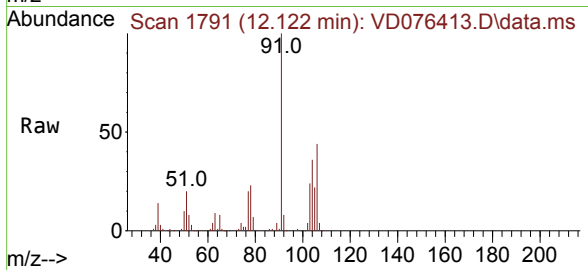




#69
o-Xylene
Concen: 18.883 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

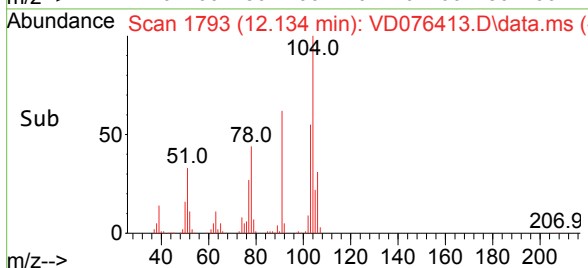
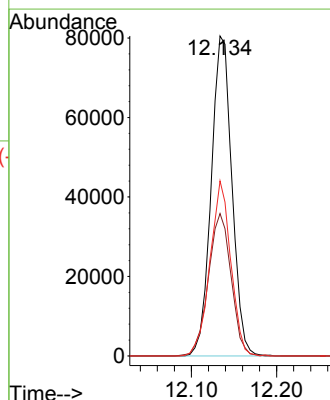
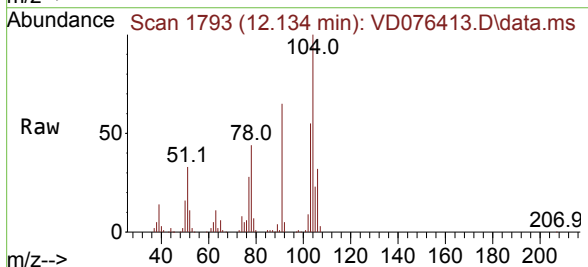
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

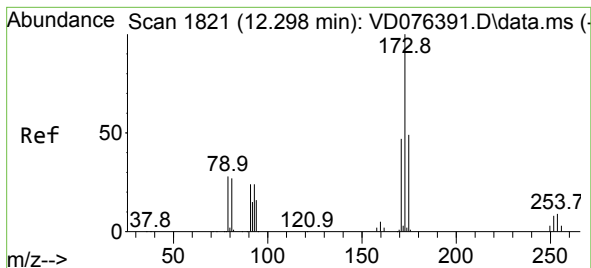
Tgt Ion:106 Resp: 78848
Ion Ratio Lower Upper
106 100
91 214.3 97.9 293.6



#70
Styrene
Concen: 19.128 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion:104 Resp: 136271
Ion Ratio Lower Upper
104 100
78 48.8 33.2 49.8
103 55.0 43.6 65.4





#71

Bromoform

Concen: 19.478 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBS01

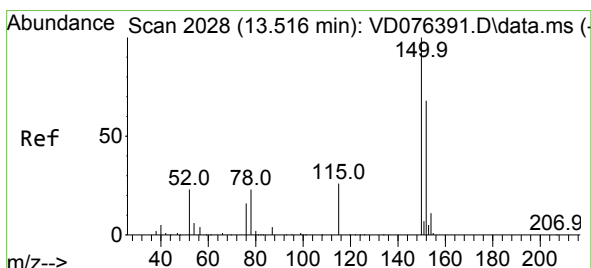
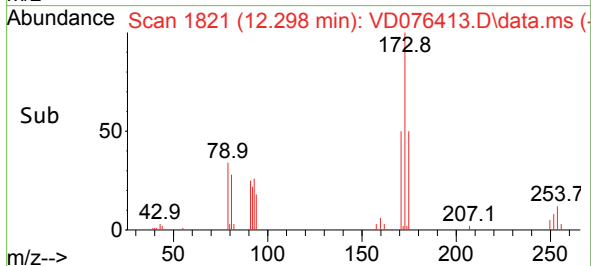
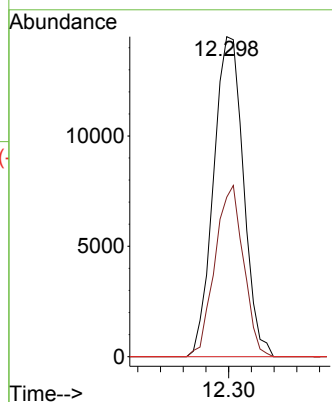
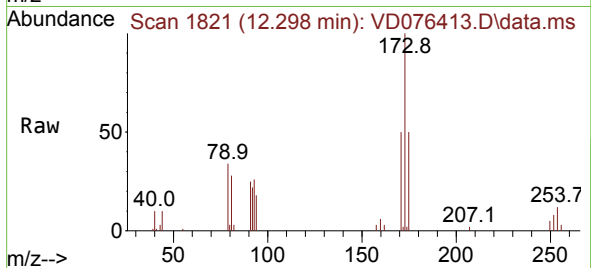
Tgt Ion:173 Resp: 26497

Ion Ratio Lower Upper

173 100

175 51.2 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: VD076413.D

Acq: 14 Jun 2023 12:35

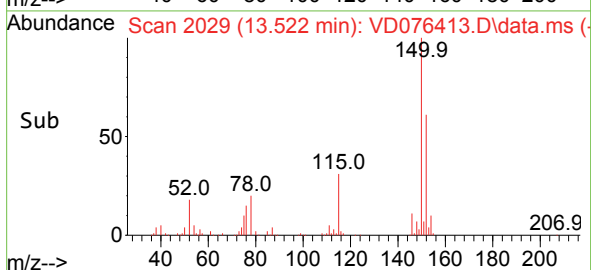
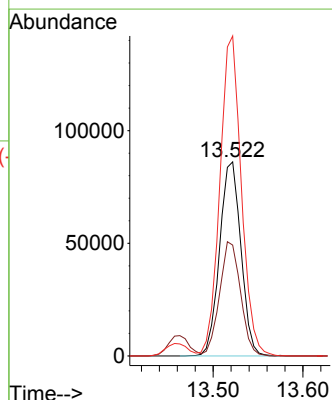
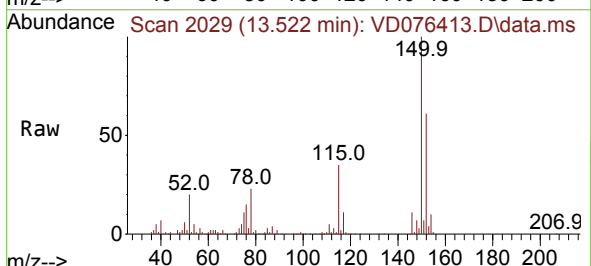
Tgt Ion:152 Resp: 142317

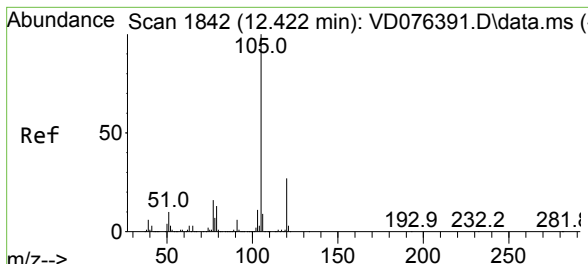
Ion Ratio Lower Upper

152 100

115 57.9 27.1 81.3

150 165.9 0.0 353.6

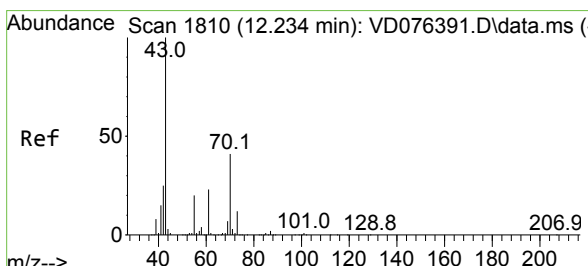
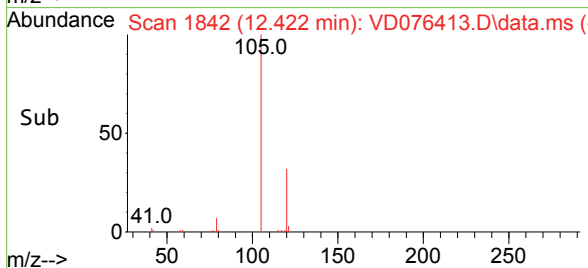
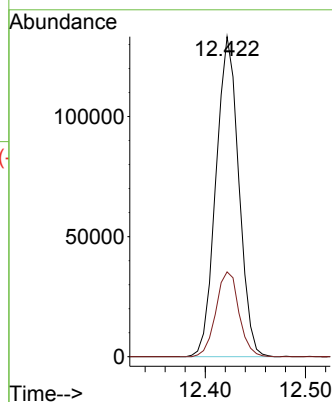
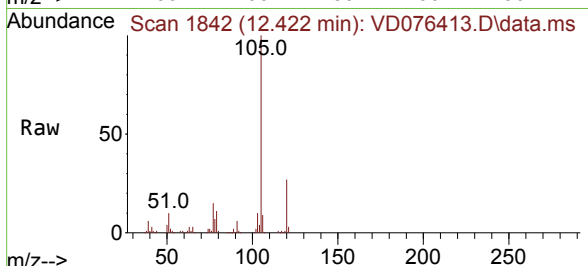




#73
Isopropylbenzene
Concen: 19.573 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

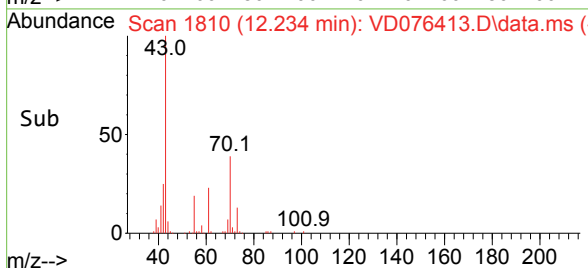
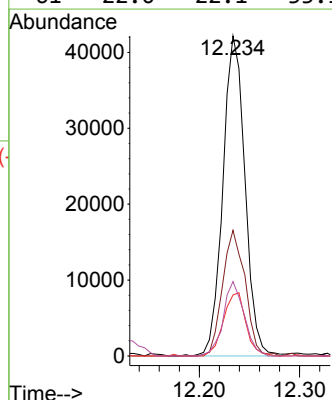
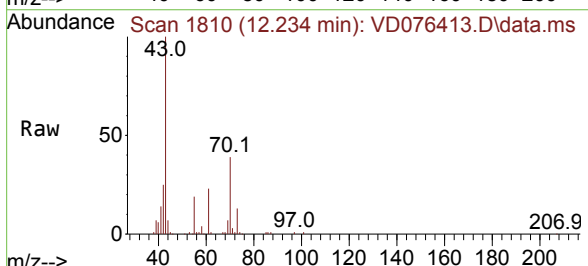
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

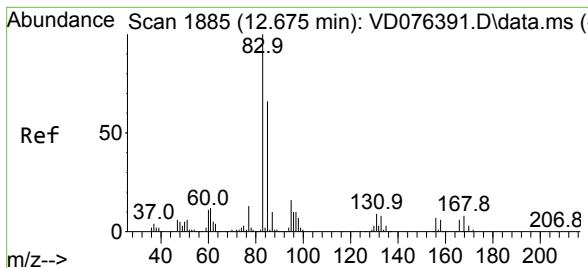
Tgt Ion:105 Resp: 210659
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9



#74
N-ethyl acetate
Concen: 19.675 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion: 43 Resp: 64580
Ion Ratio Lower Upper
43 100
70 40.1 45.0 67.4#
55 20.1 23.8 35.6#
61 22.0 22.1 33.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.600 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBS01

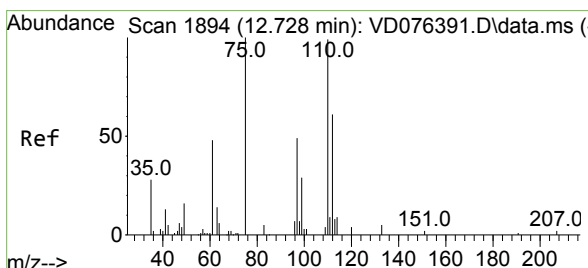
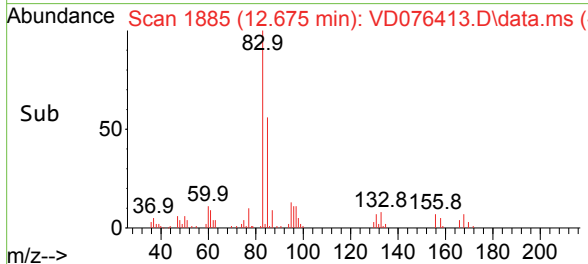
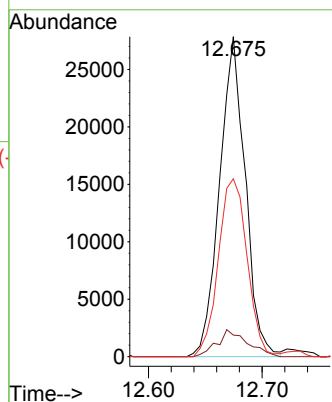
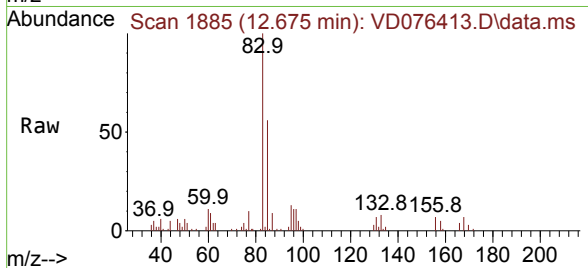
Tgt Ion: 83 Resp: 43782

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.3

85 62.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 39.865 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD076413.D

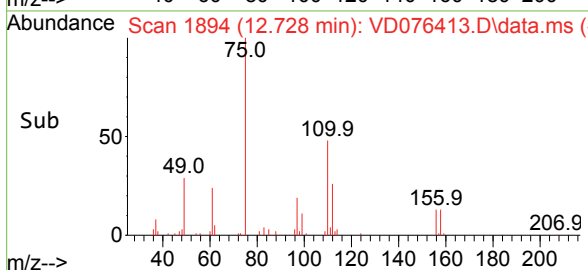
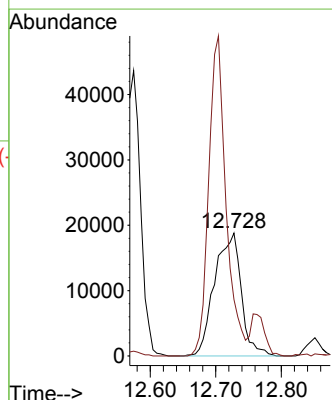
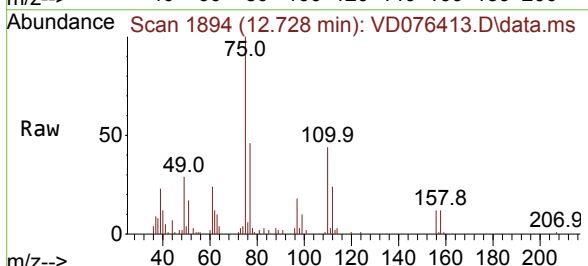
Acq: 14 Jun 2023 12:35

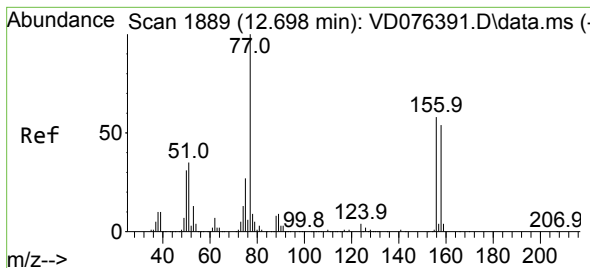
Tgt Ion: 75 Resp: 53040

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.744 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBS01

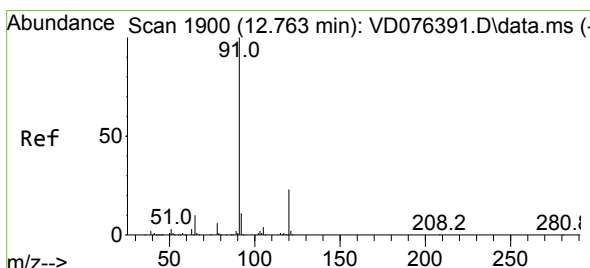
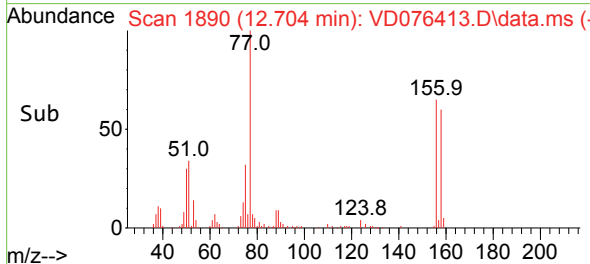
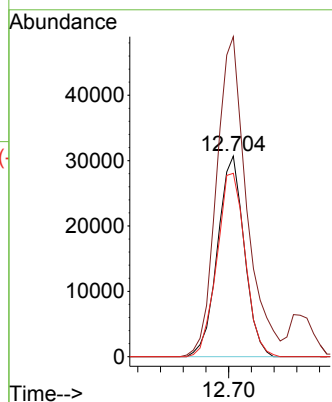
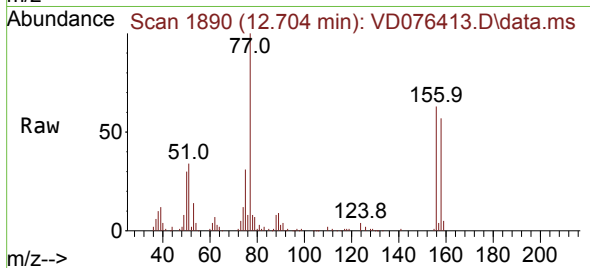
Tgt Ion:156 Resp: 50138

Ion Ratio Lower Upper

156 100

77 179.7 76.8 230.4

158 96.6 48.6 145.9



#78

n-propylbenzene

Concen: 19.698 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076413.D

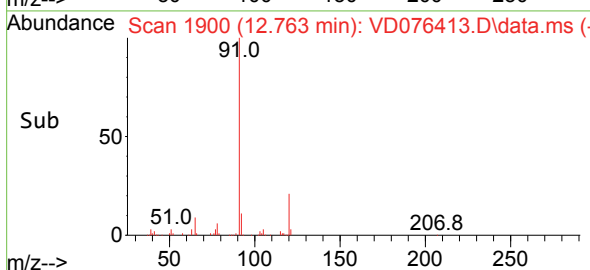
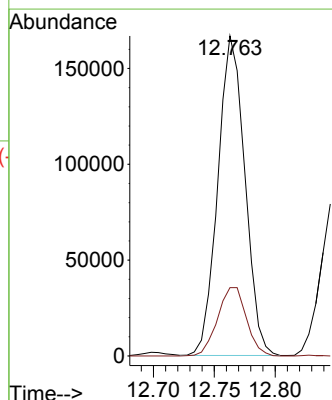
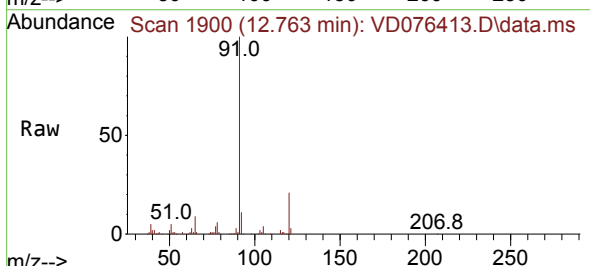
Acq: 14 Jun 2023 12:35

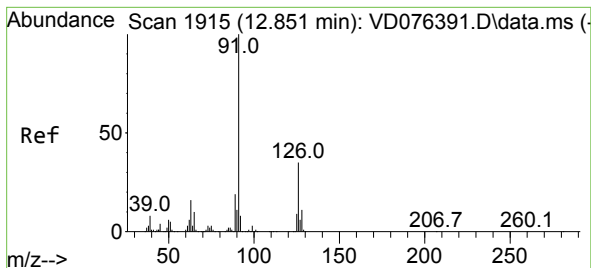
Tgt Ion: 91 Resp: 258415

Ion Ratio Lower Upper

91 100

120 22.8 12.4 37.2





#79

2-Chlorotoluene

Concen: 19.286 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

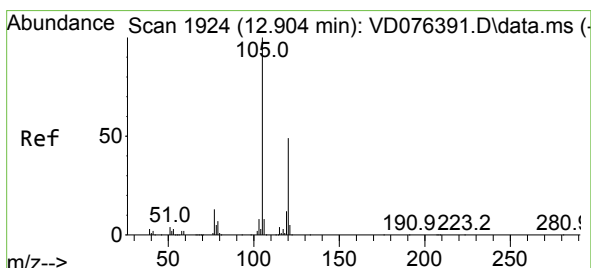
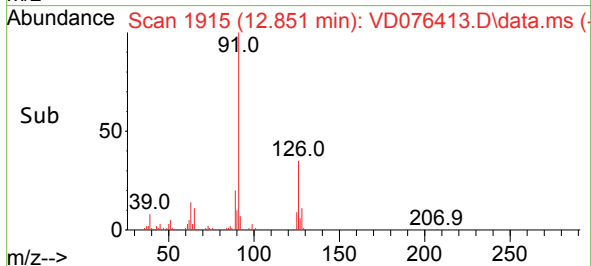
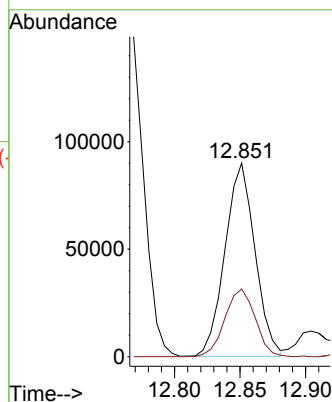
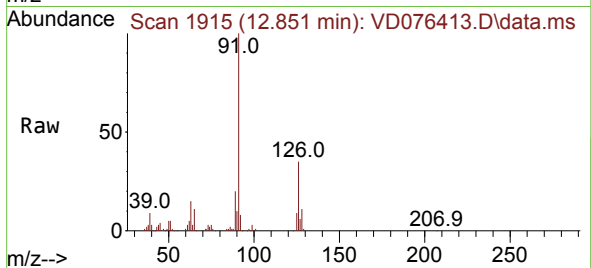
VD0614SBS01

Tgt Ion: 91 Resp: 143172

Ion Ratio Lower Upper

91 100

126 35.4 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 19.023 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076413.D

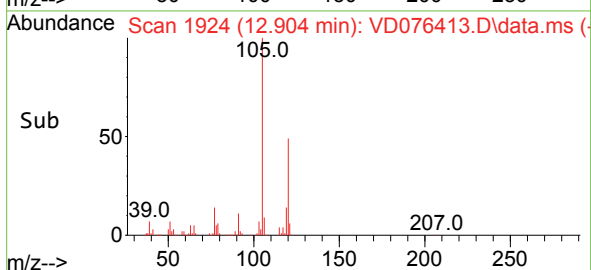
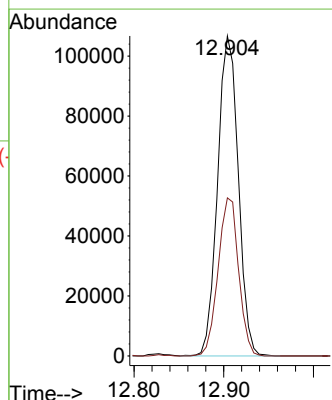
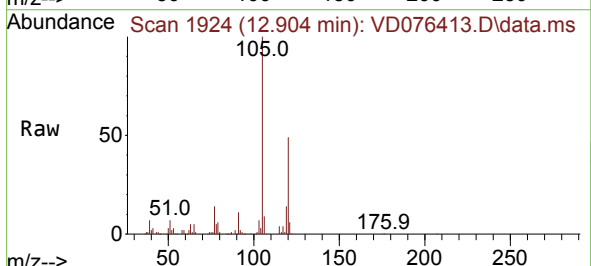
Acq: 14 Jun 2023 12:35

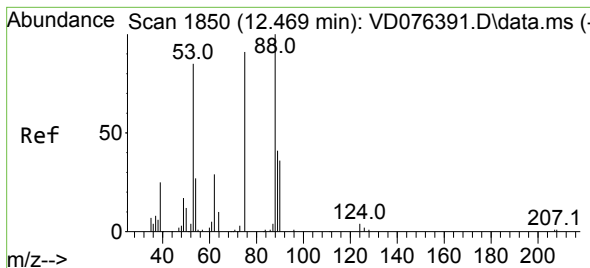
Tgt Ion: 105 Resp: 170891

Ion Ratio Lower Upper

105 100

120 49.0 26.4 79.2

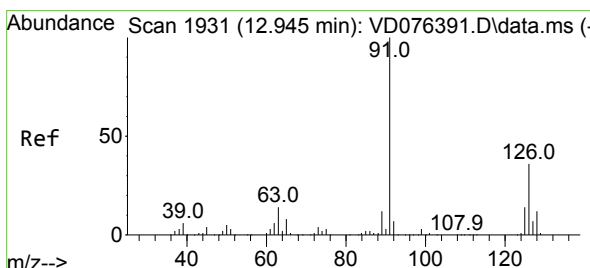
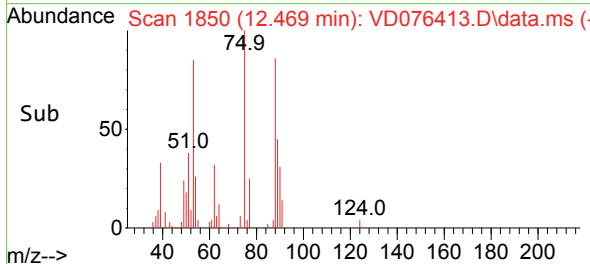
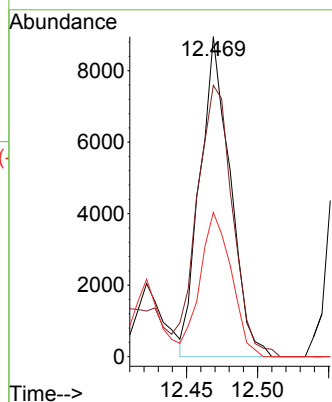
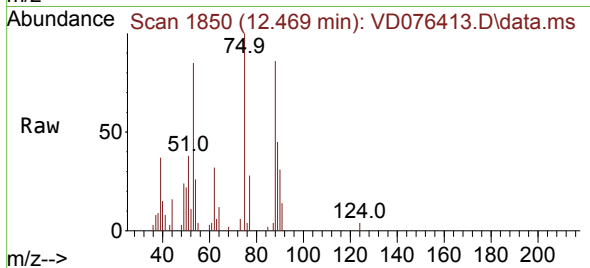




#81
trans-1,4-Dichloro-2-butene
Concen: 17.814 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

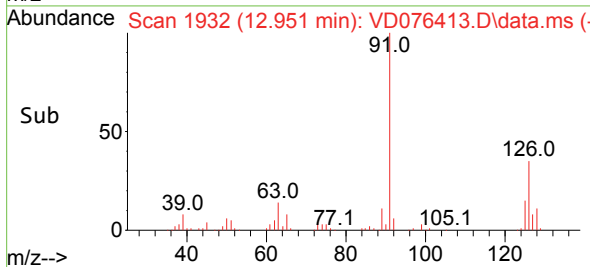
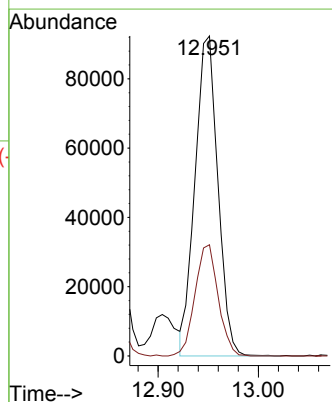
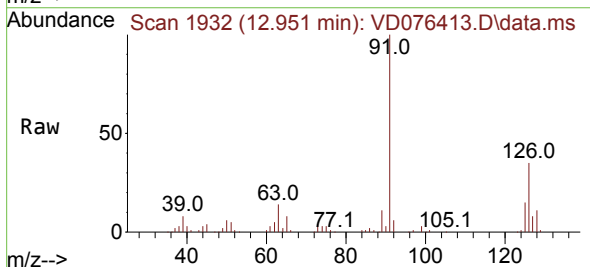
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

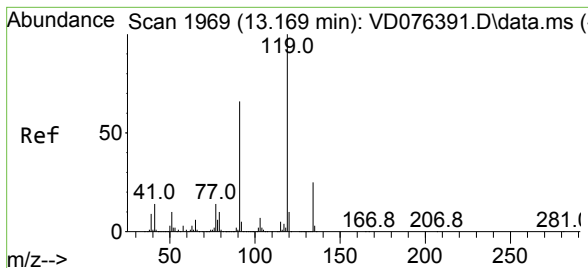
Tgt Ion: 75 Resp: 13238
Ion Ratio Lower Upper
75 100
53 99.7 63.0 94.4#
89 46.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 18.839 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion: 91 Resp: 146460
Ion Ratio Lower Upper
91 100
126 35.3 19.4 58.4





#83

tert-Butylbenzene

Concen: 19.555 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBS01

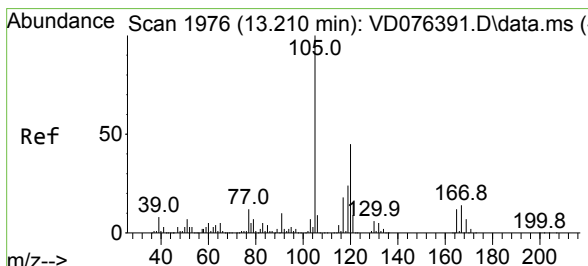
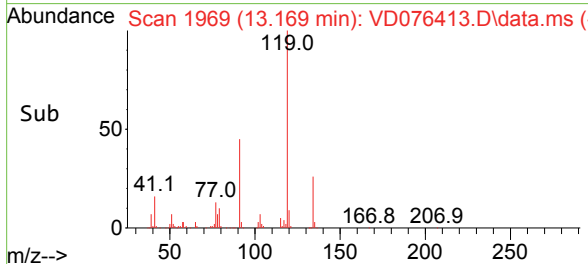
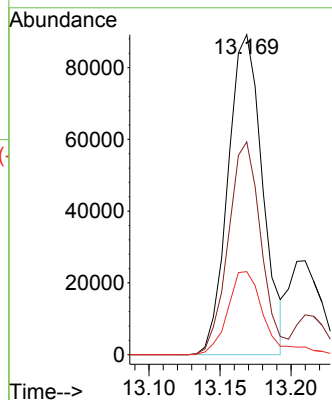
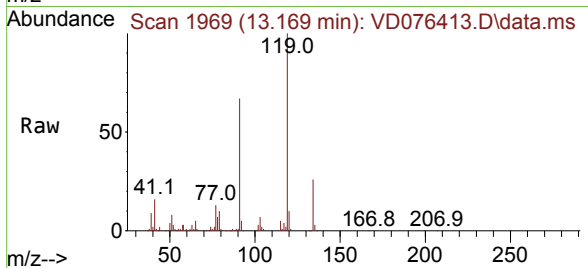
Tgt Ion:119 Resp: 150756

Ion Ratio Lower Upper

119 100

91 63.7 29.3 87.8

134 27.6 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 19.344 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD076413.D

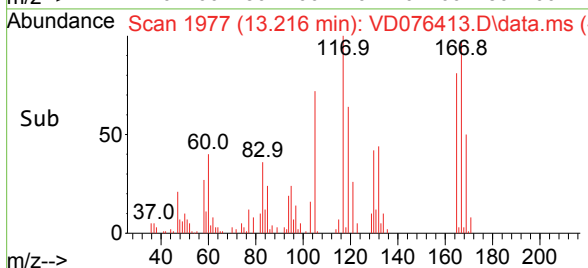
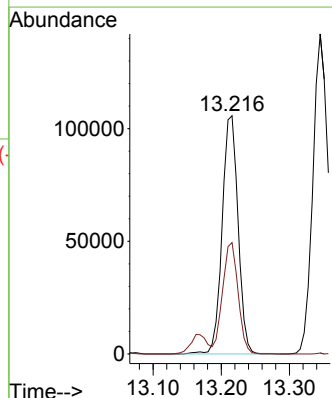
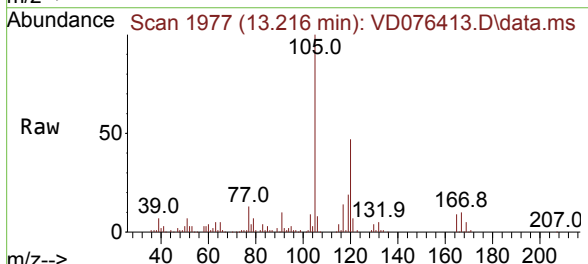
Acq: 14 Jun 2023 12:35

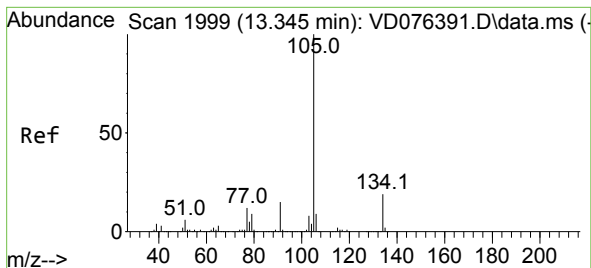
Tgt Ion:105 Resp: 171698

Ion Ratio Lower Upper

105 100

120 45.6 24.3 72.9





#85

sec-Butylbenzene

Concen: 19.558 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

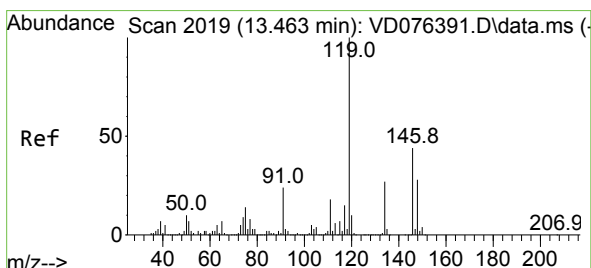
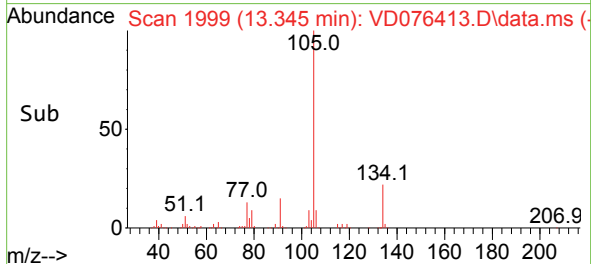
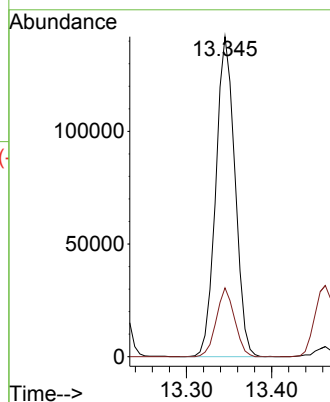
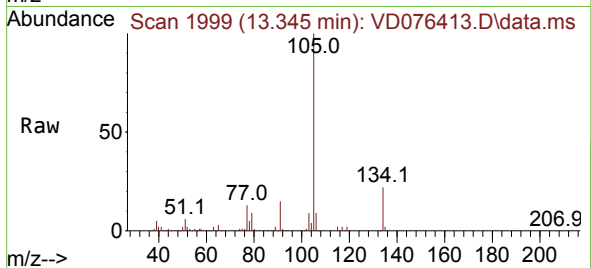
VD0614SBS01

Tgt Ion:105 Resp: 221915

Ion Ratio Lower Upper

105 100

134 20.5 10.9 32.9



#86

p-Isopropyltoluene

Concen: 19.449 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

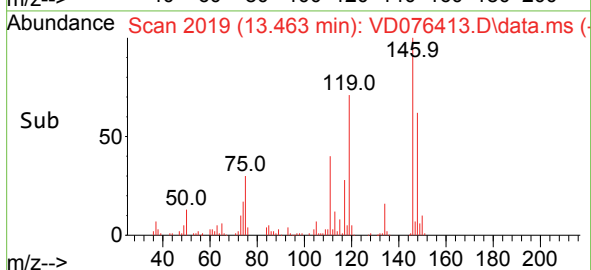
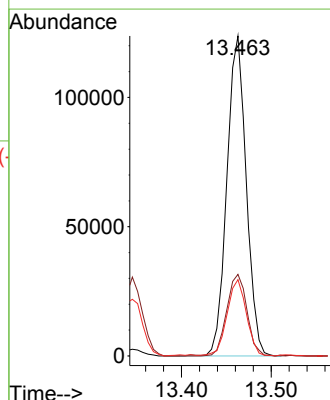
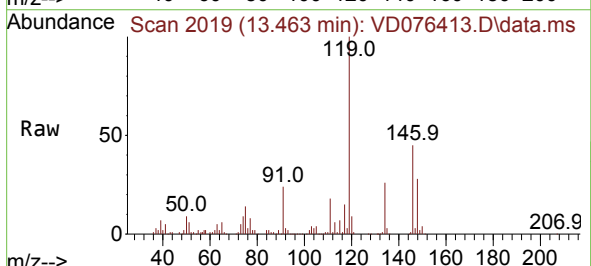
Tgt Ion:119 Resp: 185826

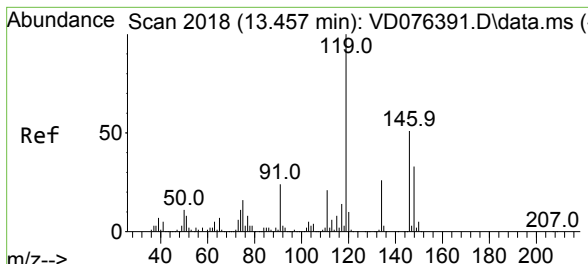
Ion Ratio Lower Upper

119 100

134 26.5 14.2 42.6

91 23.9 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 19.426 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBS01

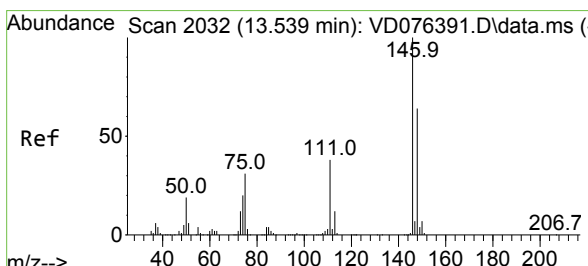
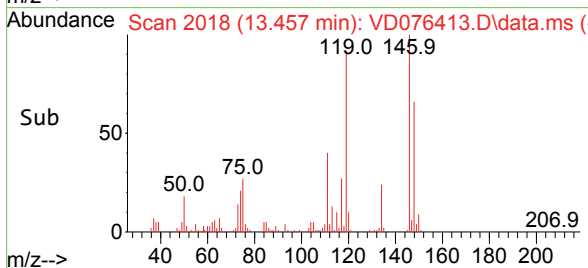
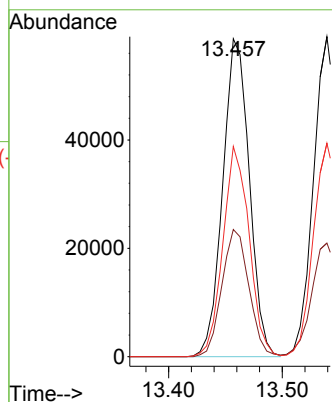
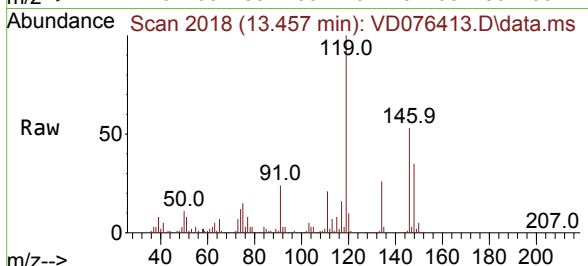
Tgt Ion:146 Resp: 95469

Ion Ratio Lower Upper

146 100

111 40.6 17.9 53.8

148 65.3 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 19.672 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

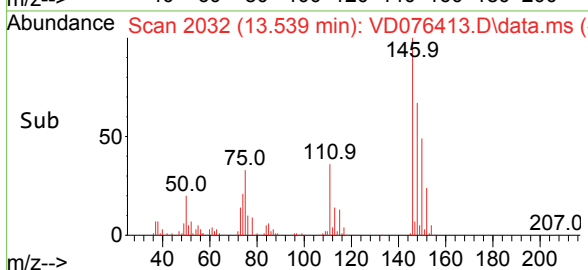
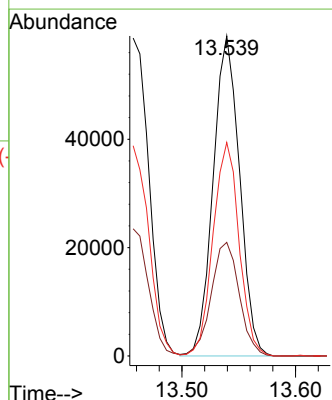
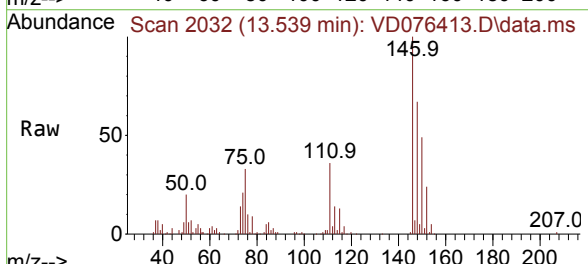
Tgt Ion:146 Resp: 95545

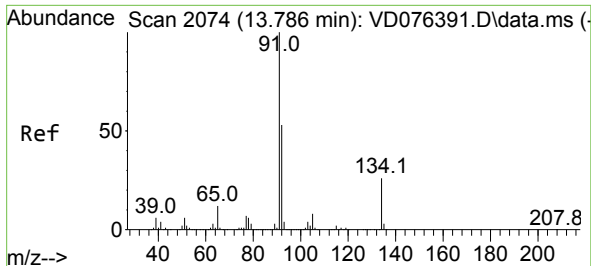
Ion Ratio Lower Upper

146 100

111 37.7 17.4 52.3

148 65.7 31.7 95.1

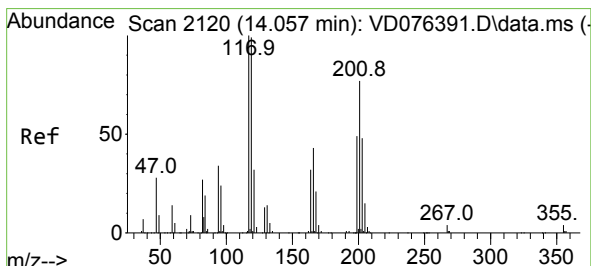
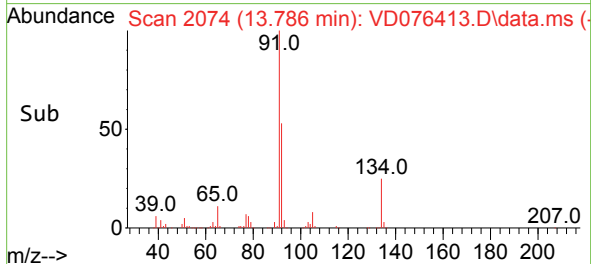
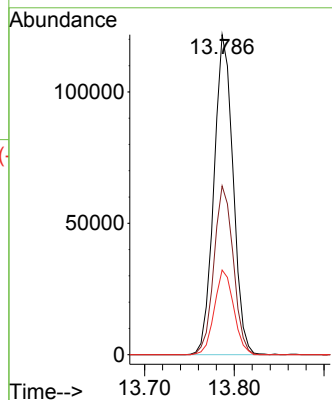
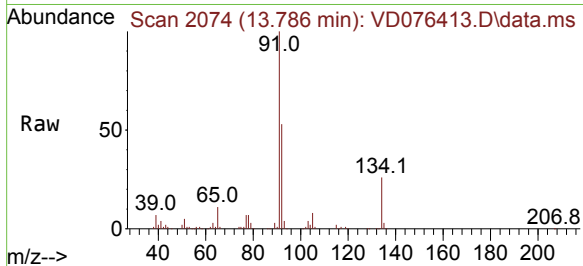




#89
n-Butylbenzene
Concen: 19.654 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

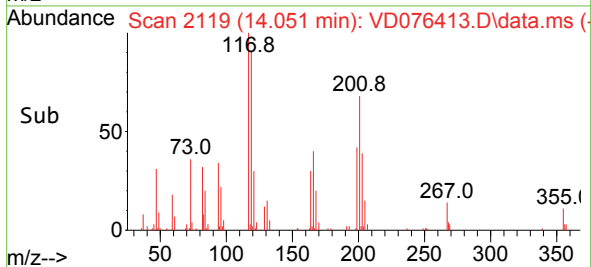
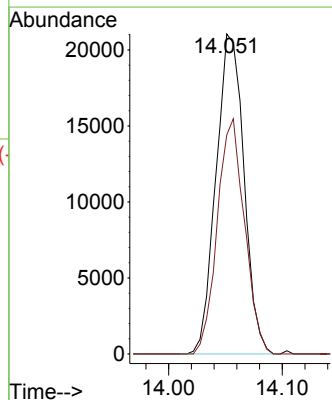
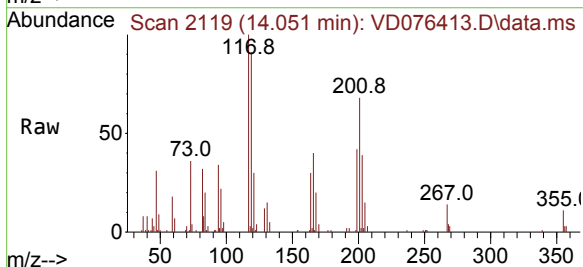
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

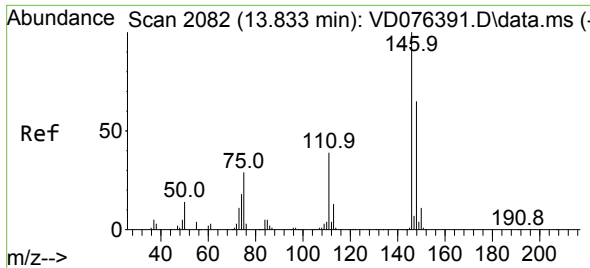
Tgt Ion: 91 Resp: 180418
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.5
134 26.7 13.8 41.3



#90
Hexachloroethane
Concen: 20.401 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion: 117 Resp: 35970
Ion Ratio Lower Upper
117 100
201 71.7 38.5 115.5

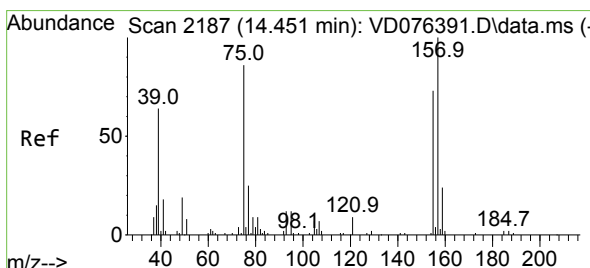
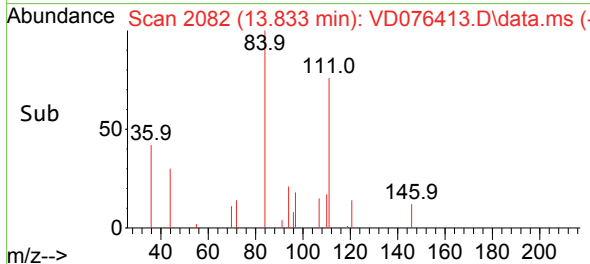
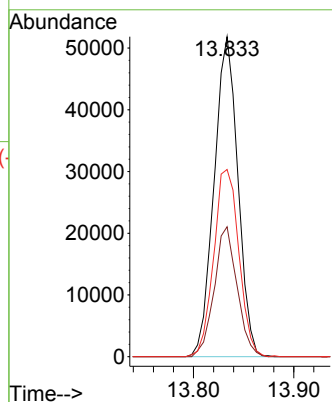
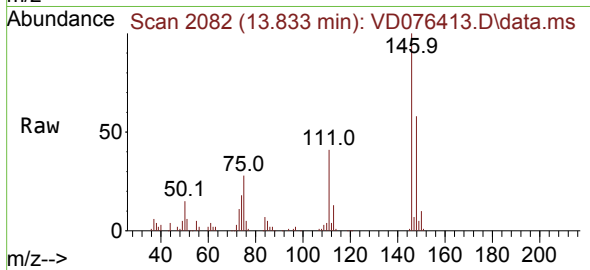




#91
1,2-Dichlorobenzene
Concen: 19.710 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

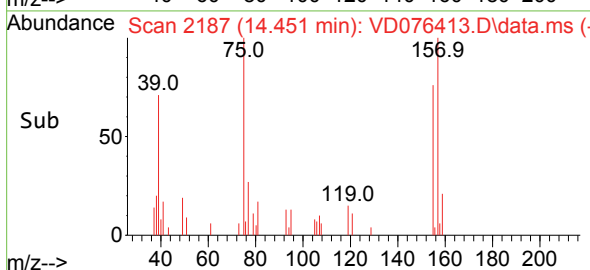
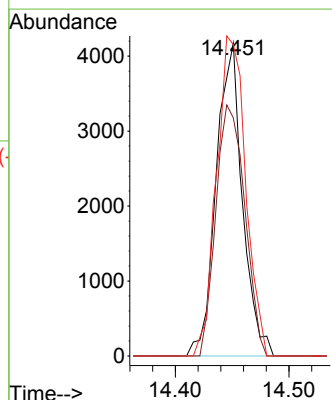
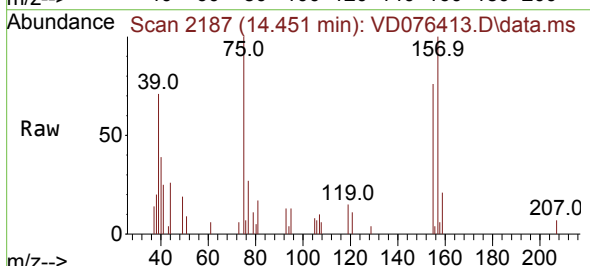
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBS01

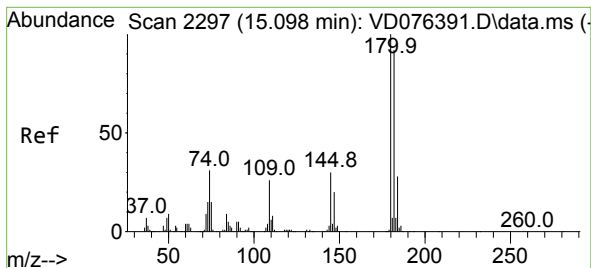
Tgt Ion:	146	Resp:	85191
Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.3	54.8
148	62.0	31.6	94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.173 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD076413.D
Acq: 14 Jun 2023 12:35

Tgt Ion:	75	Resp:	6694
Ion	Ratio	Lower	Upper
75	100		
155	88.4	47.9	143.8
157	113.1	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.711 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBS01

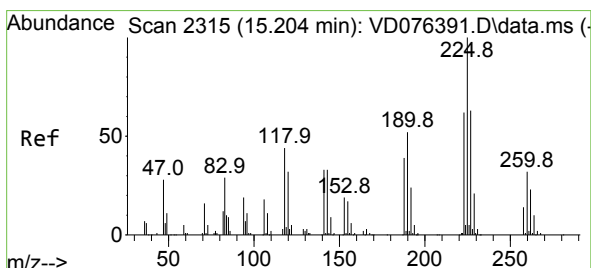
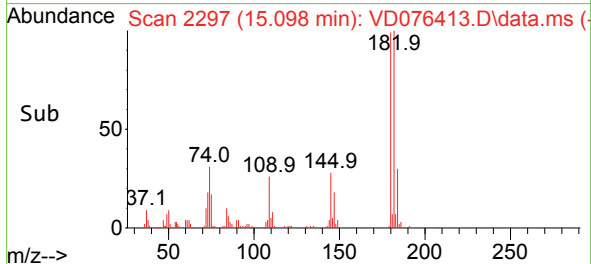
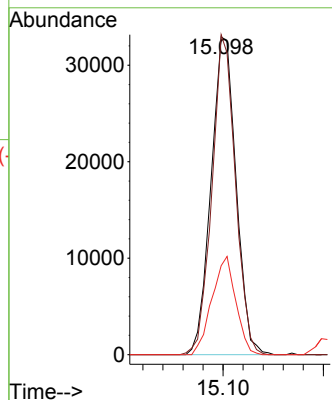
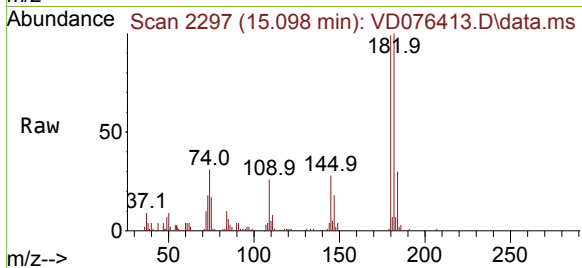
Tgt Ion:180 Resp: 57020

Ion Ratio Lower Upper

180 100

182 94.1 48.5 145.6

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.359 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076413.D

Acq: 14 Jun 2023 12:35

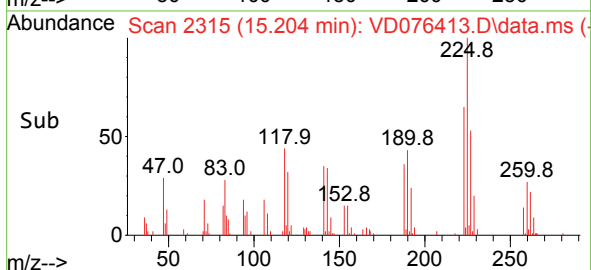
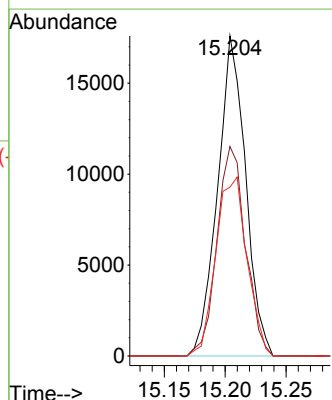
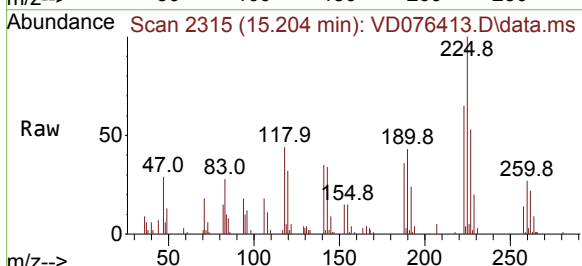
Tgt Ion:225 Resp: 28174

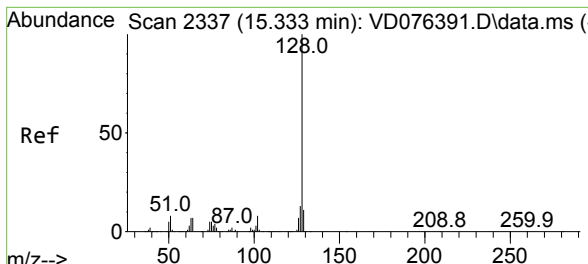
Ion Ratio Lower Upper

225 100

223 66.6 31.6 94.8

227 62.2 31.7 95.1

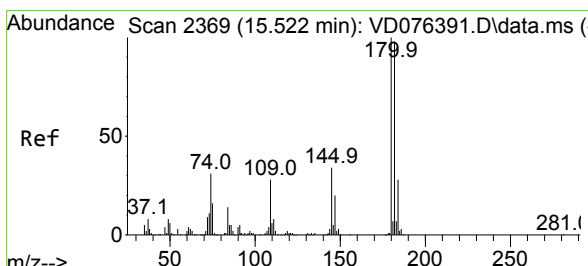
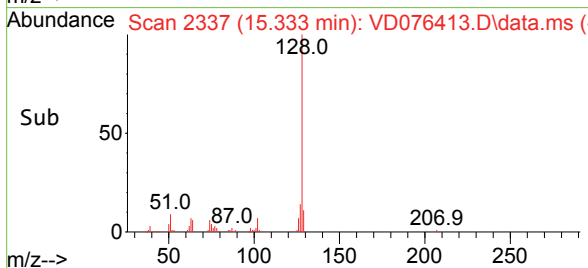
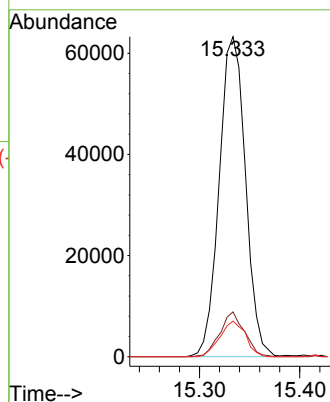
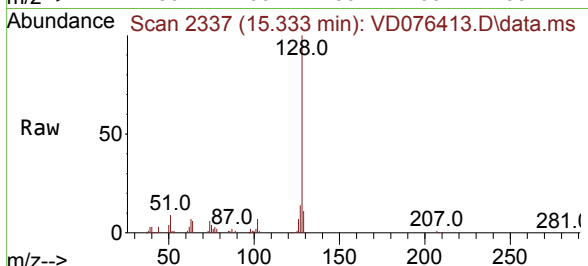




#95
 Naphthalene
 Concen: 19.825 ug/l
 RT: 15.333 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD076413.D
 Acq: 14 Jun 2023 12:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBS01

Tgt Ion:	128	Resp:	115162
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.5	15.7
129	11.1	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 19.538 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD076413.D
 Acq: 14 Jun 2023 12:35

Tgt Ion:	180	Resp:	48815
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.3	141.9
145	30.7	15.1	45.3

