

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
 Data File : VD076414.D
 Acq On : 14 Jun 2023 13:05
 Operator : KP/SY
 Sample : VD0614SBS01
 Misc : 5.00G/5.04ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBS01

Quant Time: Jun 15 05:31:07 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	7.869	168	181043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	323697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	294789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	139919	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	110551	52.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.740%	
35) Dibromofluoromethane	7.805	113	113688	54.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.680%	
50) Toluene-d8	10.269	98	427188	53.882	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.760%	
62) 4-Bromofluorobenzene	12.575	95	142873	52.530	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	30643	18.951	ug/l	87
3) Chloromethane	2.146	50	61177	19.981	ug/l	97
4) Vinyl Chloride	2.281	62	64936	22.164	ug/l	94
5) Bromomethane	2.675	94	40579	26.432	ug/l	99
6) Chloroethane	2.828	64	42224	23.932	ug/l	97
7) Trichlorofluoromethane	3.170	101	58124	19.715	ug/l	99
8) Diethyl Ether	3.593	74	22329	21.081	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.952	101	36763	20.739	ug/l	97
10) Methyl Iodide	4.152	142	44996	19.740	ug/l	93
11) Tert butyl alcohol	5.052	59	16915	96.763	ug/l	100
12) 1,1-Dichloroethene	3.928	96	35731	19.765	ug/l	91
13) Acrolein	3.793	56	22355	111.488	ug/l	92
14) Allyl chloride	4.558	41	70964	20.072	ug/l #	87
15) Acrylonitrile	5.252	53	56480	104.804	ug/l	98
16) Acetone	4.028	43	44444	96.682	ug/l #	84
17) Carbon Disulfide	4.264	76	95876	18.458	ug/l	96
18) Methyl Acetate	4.569	43	43858	20.926	ug/l #	84
19) Methyl tert-butyl Ether	5.316	73	102939	20.521	ug/l	94
20) Methylene Chloride	4.799	84	54486	18.625	ug/l #	77
21) trans-1,2-Dichloroethene	5.305	96	43606	20.756	ug/l	93
22) Diisopropyl ether	6.216	45	150954	20.974	ug/l #	89
23) Vinyl Acetate	6.152	43	378307	122.384	ug/l #	86
24) 1,1-Dichloroethane	6.105	63	81090	20.270	ug/l	95
25) 2-Butanone	7.081	43	73744	102.568	ug/l #	75
26) 2,2-Dichloropropane	7.075	77	69323	19.245	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	50444	20.170	ug/l	84
28) Bromochloromethane	7.422	49	27119	22.178	ug/l #	67
29) Tetrahydrofuran	7.446	42	49369	107.628	ug/l #	75
30) Chloroform	7.599	83	80354	20.153	ug/l	92
31) Cyclohexane	7.875	56	63988	19.125	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	67132	19.714	ug/l	98
36) 1,1-Dichloropropene	8.005	75	57815	18.933	ug/l	95
37) Ethyl Acetate	7.163	43	34061	21.207	ug/l #	88
38) Carbon Tetrachloride	7.993	117	52448	18.499	ug/l	98
39) Methylcyclohexane	9.275	83	67081	19.079	ug/l	90
40) Benzene	8.252	78	174922	19.704	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	22812	22.202	ug/l #	72
42) 1,2-Dichloroethane	8.322	62	50019	18.921	ug/l	94
43) Isopropyl Acetate	8.363	43	67708	20.106	ug/l #	82
44) Trichloroethene	9.028	130	47311	19.660	ug/l	90
45) 1,2-Dichloropropane	9.305	63	48142	20.404	ug/l	96
46) Dibromomethane	9.393	93	25001	19.200	ug/l	96
47) Bromodichloromethane	9.581	83	64312	19.938	ug/l	94
48) Methyl methacrylate	9.381	41	28766	17.823	ug/l #	71
49) 1,4-Dioxane	9.387	88	5919	383.129	ug/l #	65
51) 4-Methyl-2-Pentanone	10.163	43	168619	100.815	ug/l #	85
52) Toluene	10.334	92	111075	19.792	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	64053	19.415	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	75834	19.988	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	35012	20.131	ug/l	89
56) Ethyl methacrylate	10.599	69	47860	19.815	ug/l #	67
57) 1,3-Dichloropropane	10.881	76	62700	20.724	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	107441	109.206	ug/l	89
59) 2-Hexanone	10.922	43	116327	99.222	ug/l	82
60) Dibromochloromethane	11.075	129	44840	20.837	ug/l	98
61) 1,2-Dibromoethane	11.181	107	34367	20.367	ug/l	97
64) Tetrachloroethene	10.810	164	39597	19.566	ug/l	94
65) Chlorobenzene	11.610	112	119674	19.585	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	44182	19.338	ug/l	95
67) Ethyl Benzene	11.687	91	213468	18.968	ug/l	98
68) m/p-Xylenes	11.793	106	168832	39.648	ug/l	92
69) o-Xylene	12.122	106	80366	19.647	ug/l	90
70) Styrene	12.140	104	136266	19.525	ug/l	95
71) Bromoform	12.298	173	25947	19.470	ug/l #	95
73) Isopropylbenzene	12.422	105	204423	19.319	ug/l	97
74) N-amyl acetate	12.234	43	63795	19.769	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.675	83	42458	20.319	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	53406	40.828	ug/l #	100
77) Bromobenzene	12.704	156	50157	20.090	ug/l	88
78) n-propylbenzene	12.763	91	252005	19.538	ug/l	96
79) 2-Chlorotoluene	12.851	91	140622	19.267	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	167898	19.010	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	14322	19.603	ug/l	96
82) 4-Chlorotoluene	12.951	91	144252	18.873	ug/l	95
83) tert-Butylbenzene	13.169	119	148805	19.633	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	170230	19.508	ug/l	95
85) sec-Butylbenzene	13.345	105	217030	19.455	ug/l	98
86) p-Isopropyltoluene	13.463	119	180758	19.243	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	96923	20.060	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	97630	20.446	ug/l	97
89) n-Butylbenzene	13.787	91	178171	19.742	ug/l	98
90) Hexachloroethane	14.051	117	35338	20.386	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	84685	19.929	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6342	18.476	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	58364	20.522	ug/l	97
94) Hexachlorobutadiene	15.204	225	29212	20.416	ug/l	97
95) Naphthalene	15.334	128	112792	19.750	ug/l	96
96) 1,2,3-Trichlorobenzene	15.528	180	50246	20.456	ug/l	99

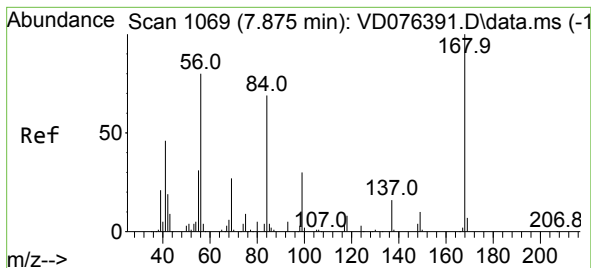
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

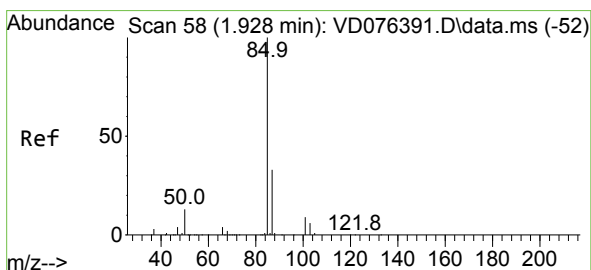
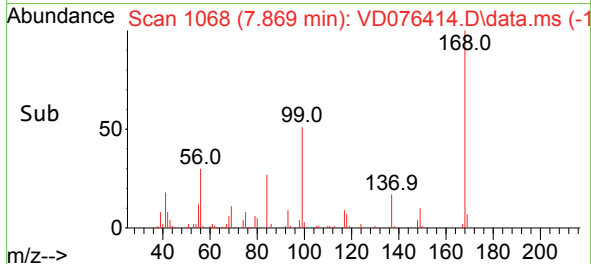
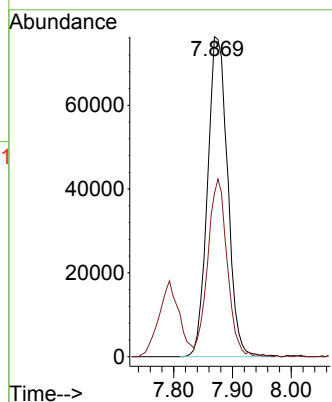
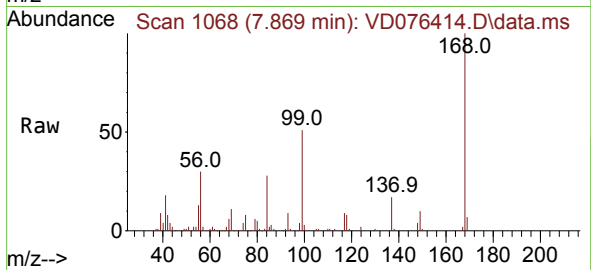
VD0614SBSD01

Tgt Ion:168 Resp: 181043

Ion Ratio Lower Upper

168 100

99 51.0 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 18.951 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076414.D

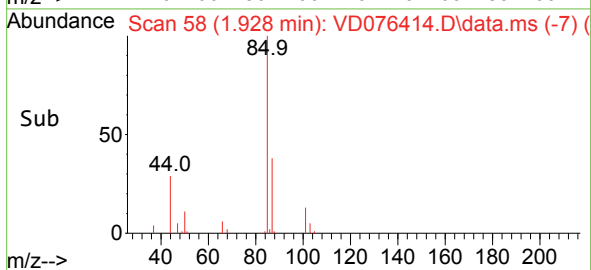
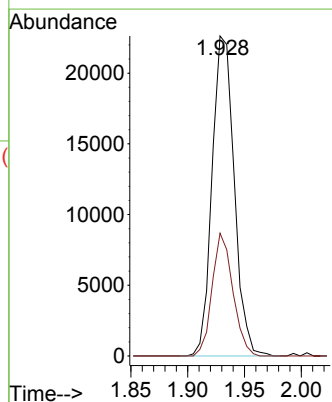
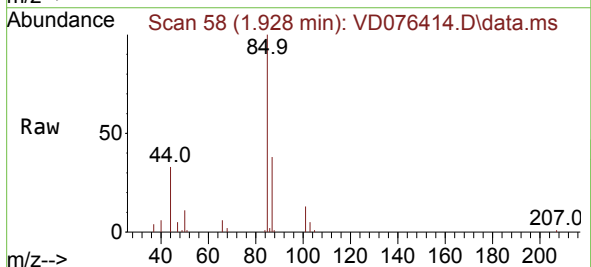
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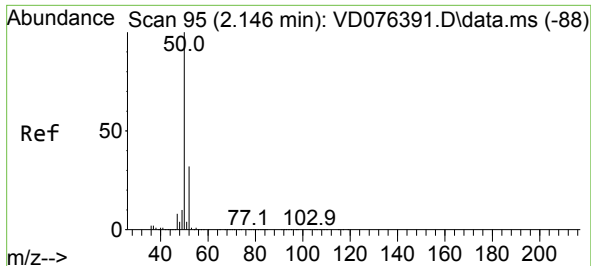
Tgt Ion: 85 Resp: 30643

Ion Ratio Lower Upper

85 100

87 38.3 15.7 47.0

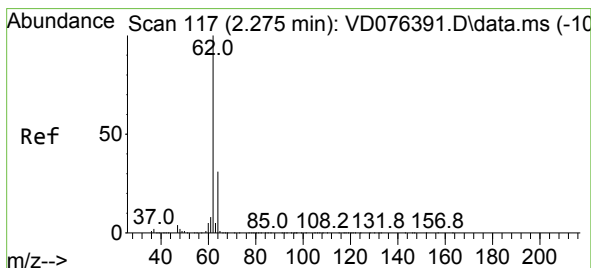
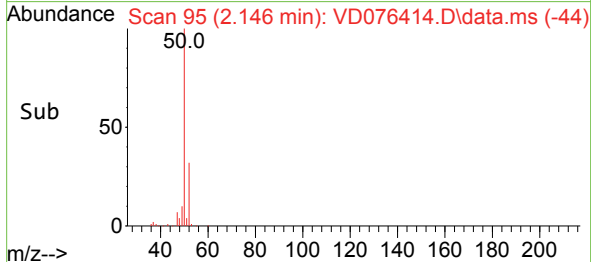
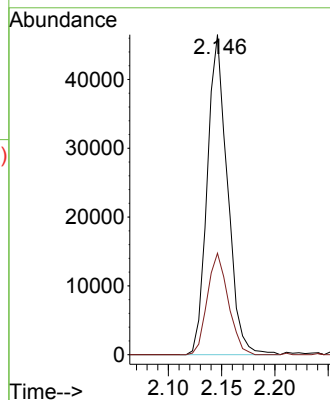
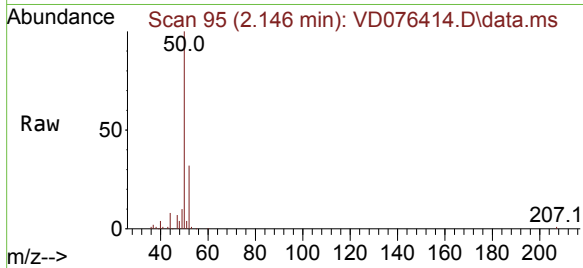




#3
Chloromethane
Concen: 19.981 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

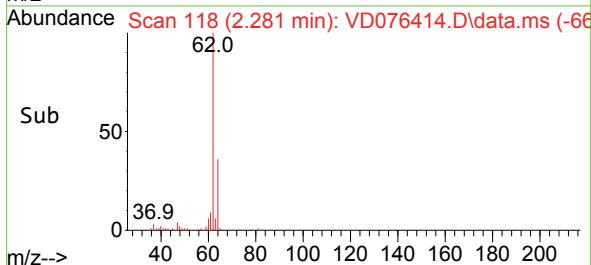
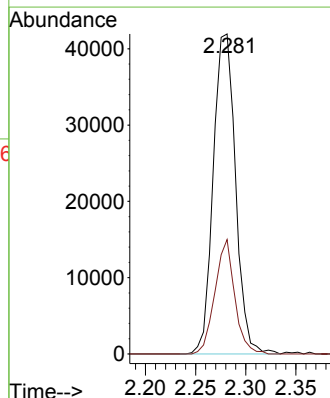
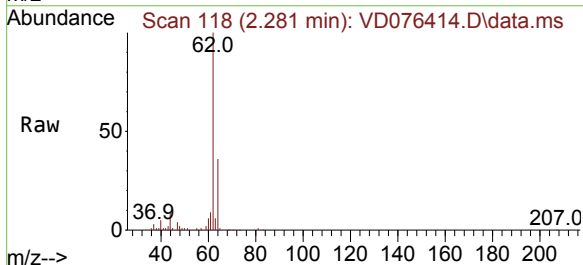
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

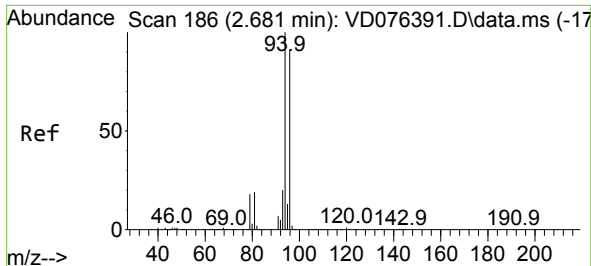
Tgt Ion: 50 Resp: 61177
Ion Ratio Lower Upper
50 100
52 31.7 26.6 40.0



#4
Vinyl Chloride
Concen: 22.164 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion: 62 Resp: 64936
Ion Ratio Lower Upper
62 100
64 35.7 26.0 39.0

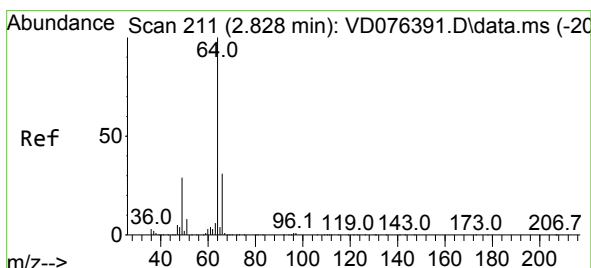
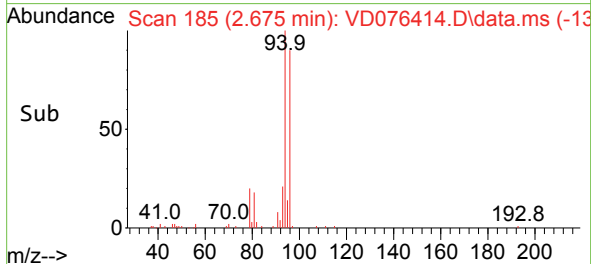
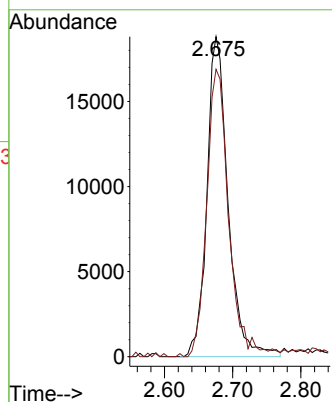
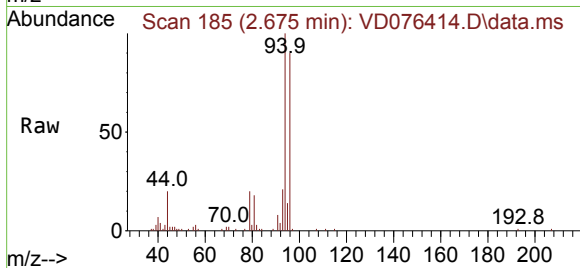




#5
Bromomethane
Concen: 26.432 ug/l
RT: 2.675 min Scan# 185
Delta R.T. -0.006 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

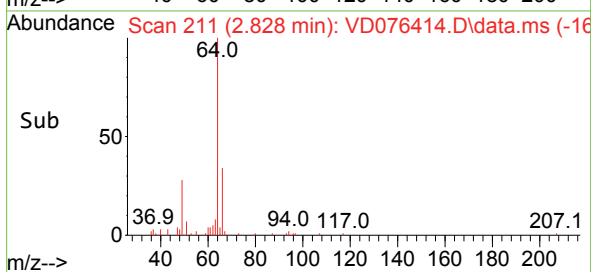
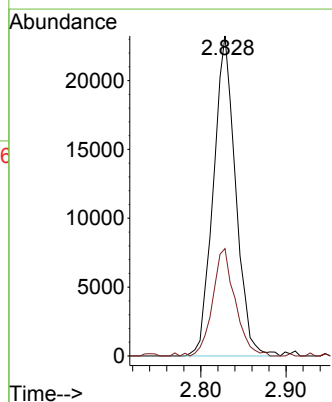
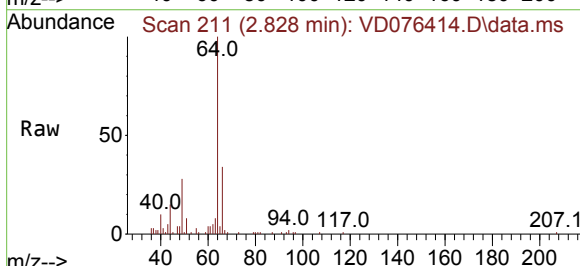
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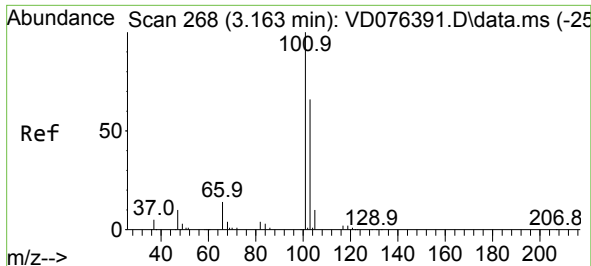
Tgt Ion: 94 Resp: 40579
Ion Ratio Lower Upper
94 100
96 93.6 75.8 113.8



#6
Chloroethane
Concen: 23.932 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion: 64 Resp: 42224
Ion Ratio Lower Upper
64 100
66 33.5 25.5 38.3

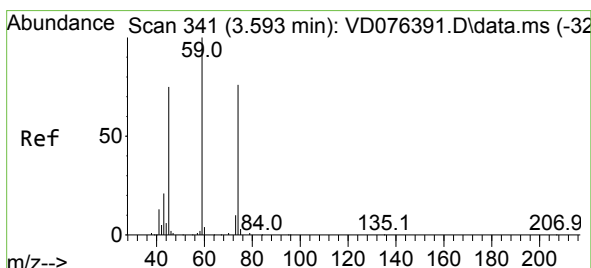
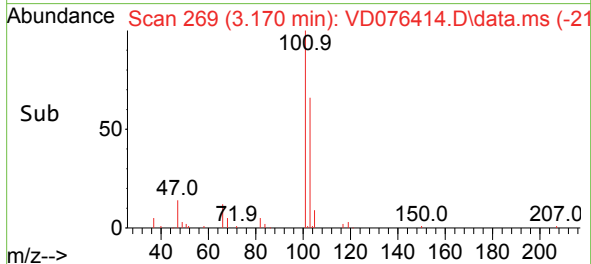
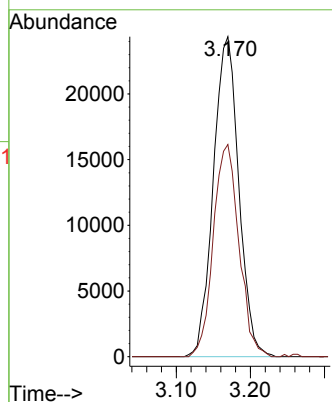
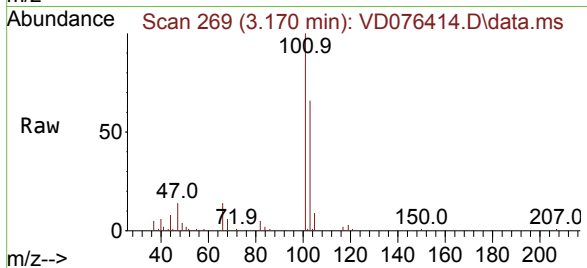




#7
Trichlorofluoromethane
Concen: 19.715 ug/l
RT: 3.170 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

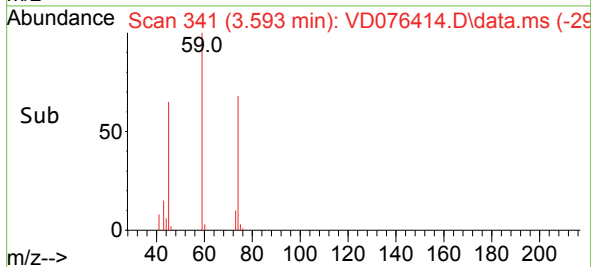
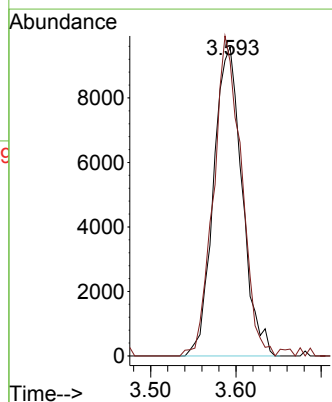
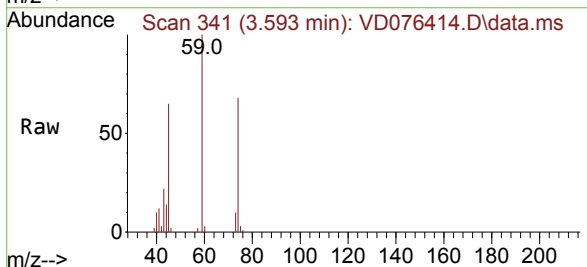
Instrument :
MSVOA_D
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VD0614SBSD01

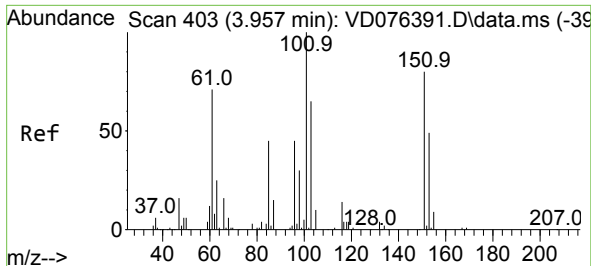
Tgt Ion:101 Resp: 58124
Ion Ratio Lower Upper
101 100
103 66.3 52.3 78.5



#8
Diethyl Ether
Concen: 21.081 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion: 74 Resp: 22329
Ion Ratio Lower Upper
74 100
45 100.7 37.5 112.7

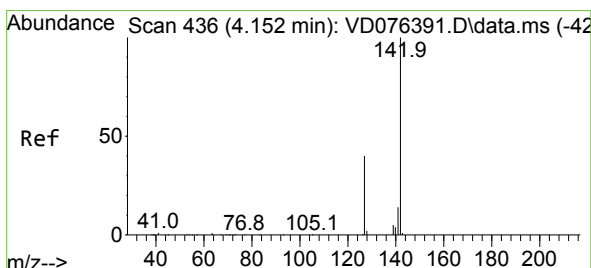
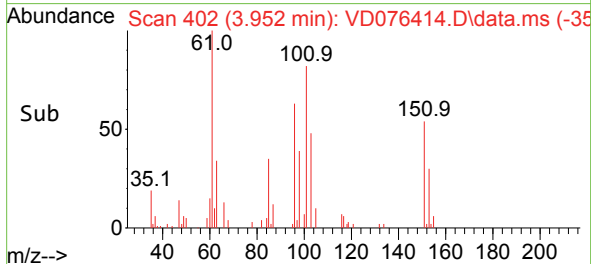
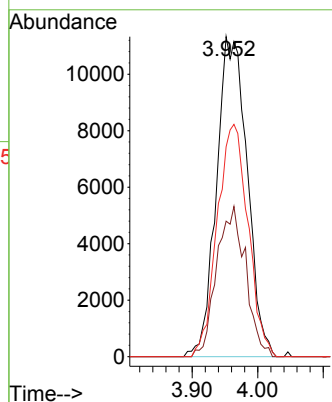
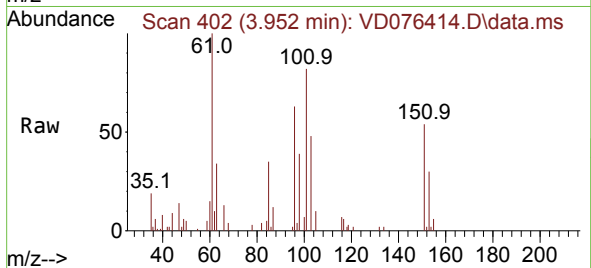




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.739 ug/l
RT: 3.952 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

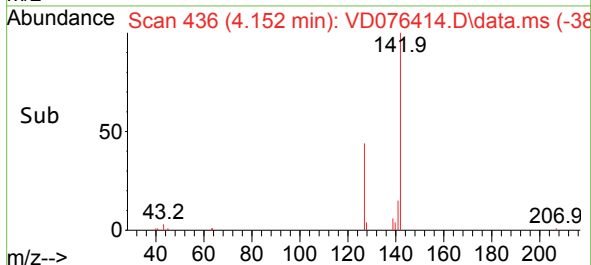
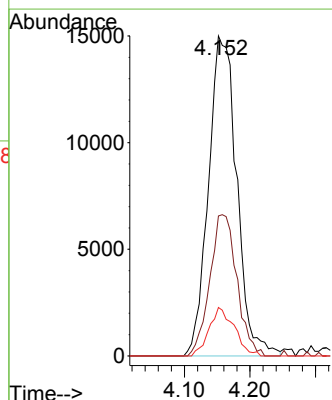
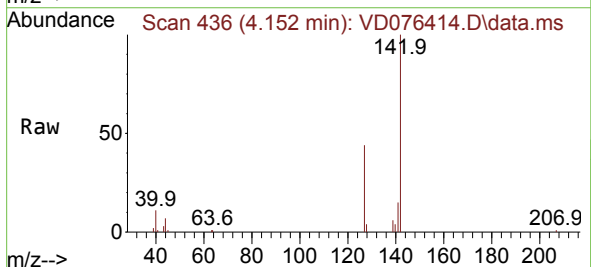
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

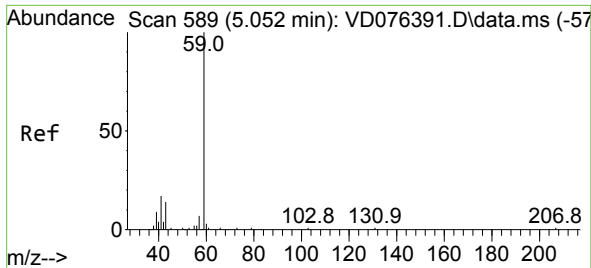
Tgt Ion:101 Resp: 36763
Ion Ratio Lower Upper
101 100
85 44.4 33.8 50.6
151 73.0 59.8 89.6



#10
Methyl Iodide
Concen: 19.740 ug/l
RT: 4.152 min Scan# 436
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion:142 Resp: 44996
Ion Ratio Lower Upper
142 100
127 42.1 29.4 44.0
141 13.5 11.1 16.7

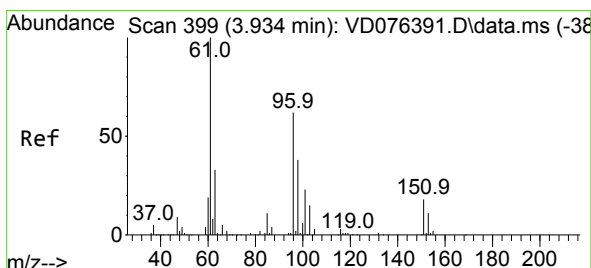
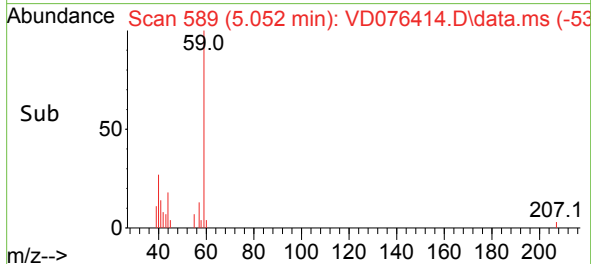
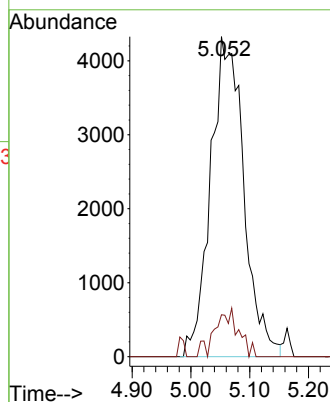
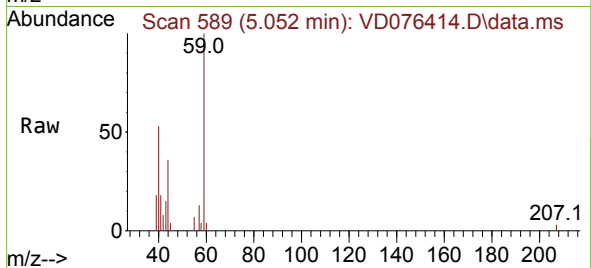




#11
Tert butyl alcohol
Concen: 96.763 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

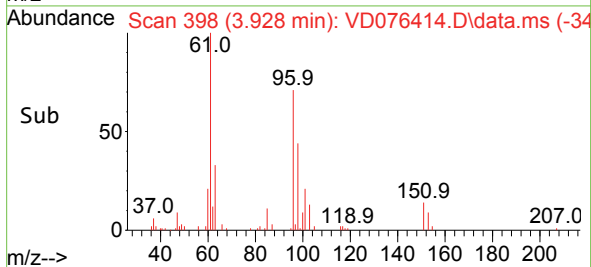
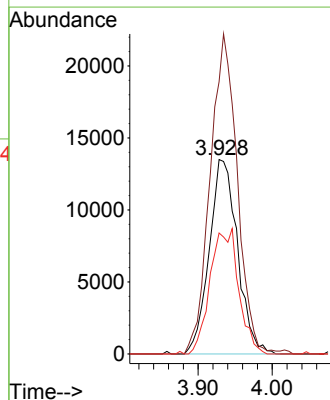
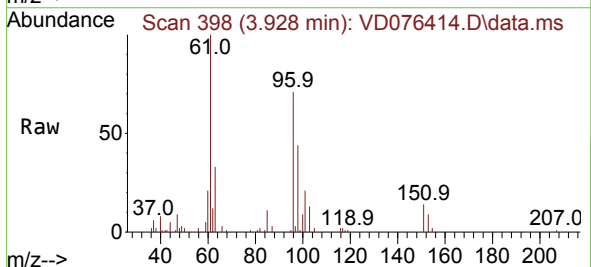
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

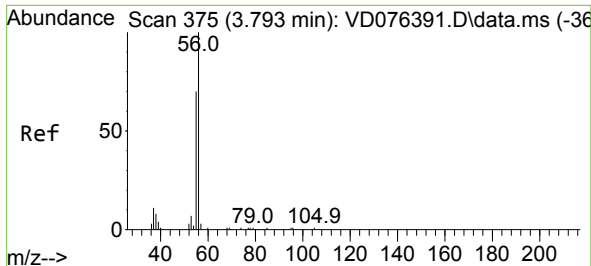
Tgt Ion: 59 Resp: 16915
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8



#12
1,1-Dichloroethene
Concen: 19.765 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion: 96 Resp: 35731
Ion Ratio Lower Upper
96 100
61 140.0 100.6 150.8
98 62.2 50.2 75.2

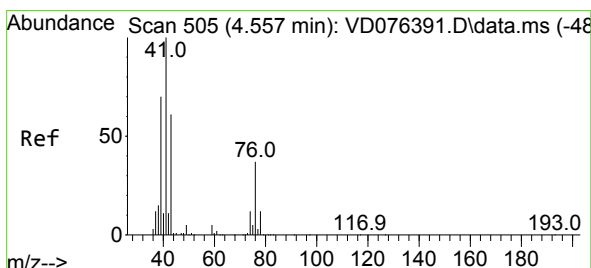
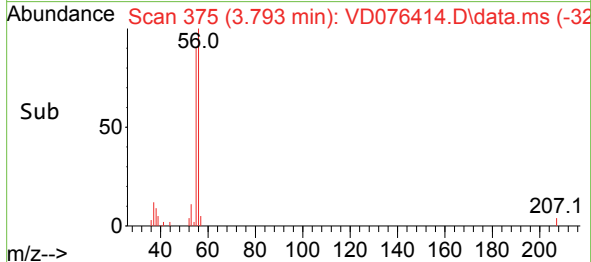
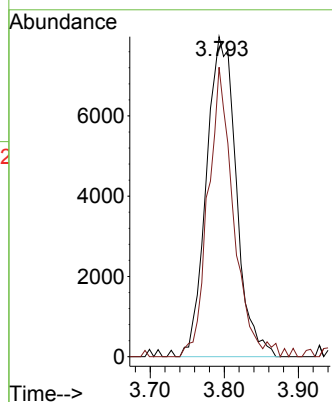
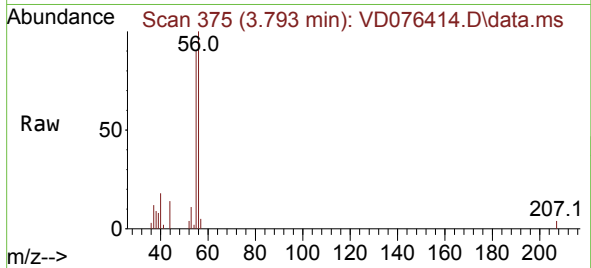




#13
Acrolein
Concen: 111.488 ug/l
RT: 3.793 min Scan# 375
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

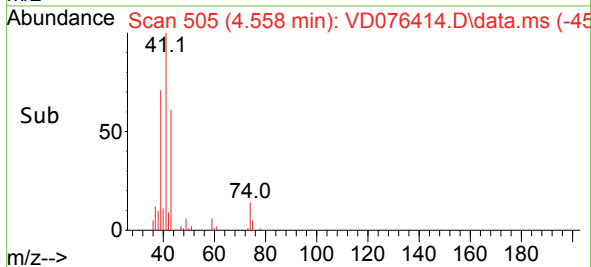
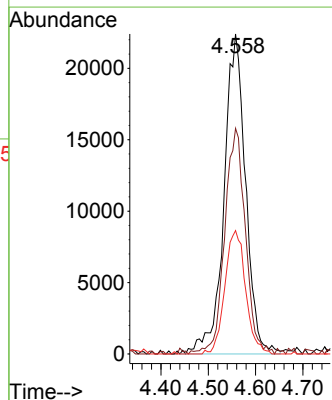
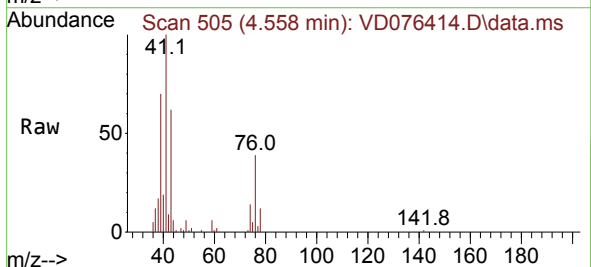
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

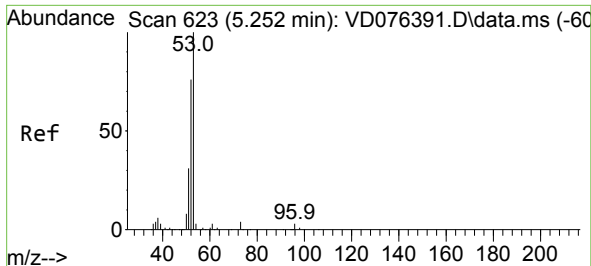
Tgt Ion: 56 Resp: 22355
Ion Ratio Lower Upper
56 100
55 75.6 55.1 82.7



#14
Allyl chloride
Concen: 20.072 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion: 41 Resp: 70964
Ion Ratio Lower Upper
41 100
39 67.6 53.8 80.6
76 37.1 45.8 68.8#

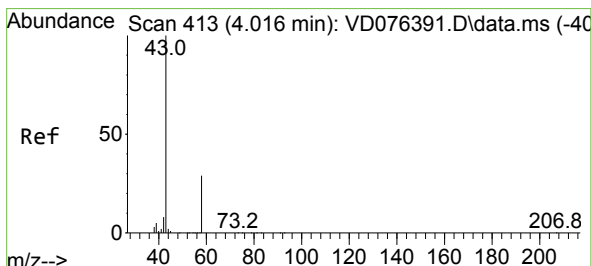
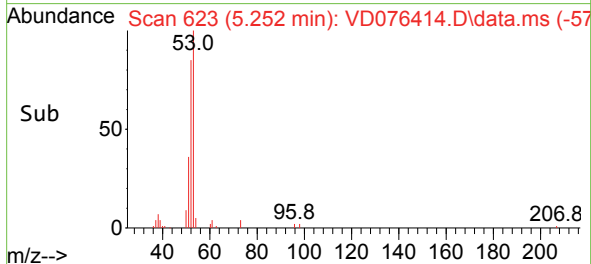
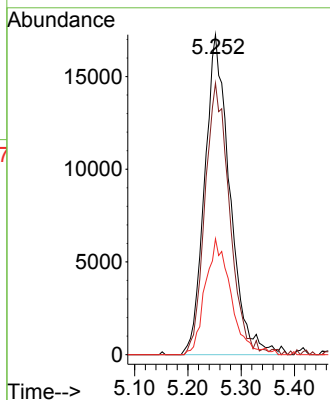
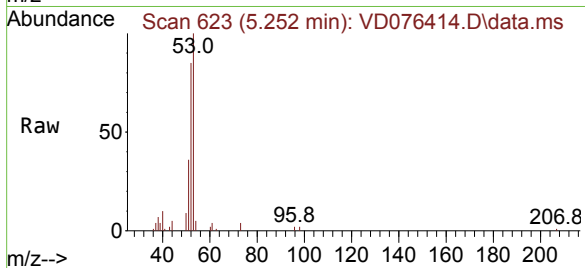




#15
Acrylonitrile
Concen: 104.804 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

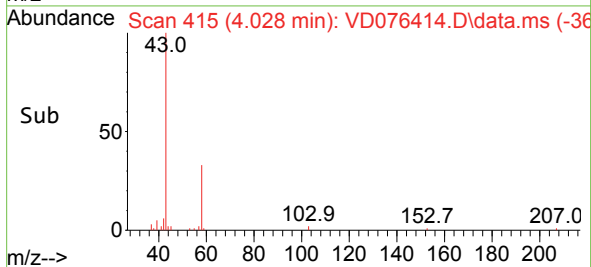
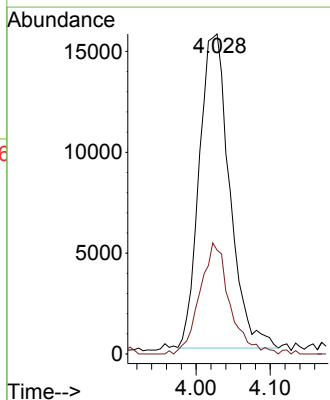
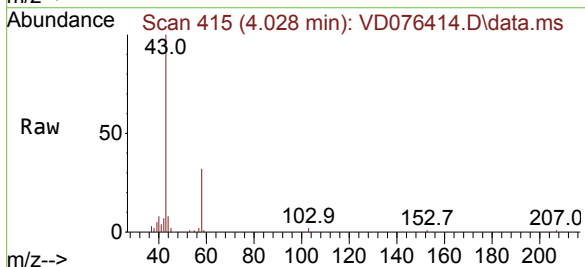
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

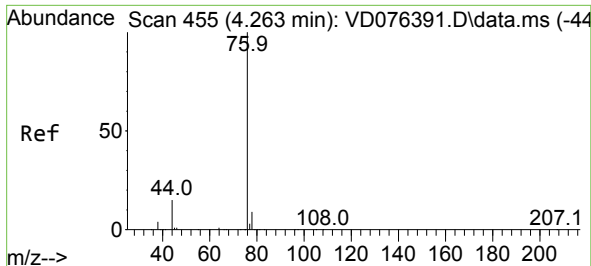
Tgt Ion: 53 Resp: 56480
Ion Ratio Lower Upper
53 100
52 83.1 65.0 97.4
51 37.1 28.3 42.5



#16
Acetone
Concen: 96.682 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion: 43 Resp: 44444
Ion Ratio Lower Upper
43 100
58 33.1 34.7 52.1#

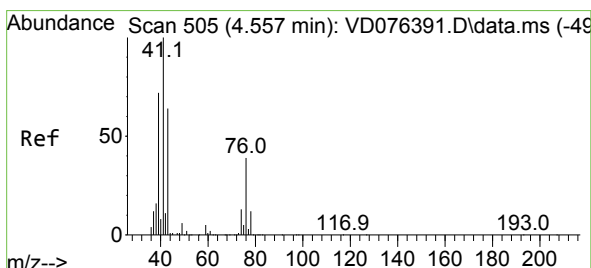
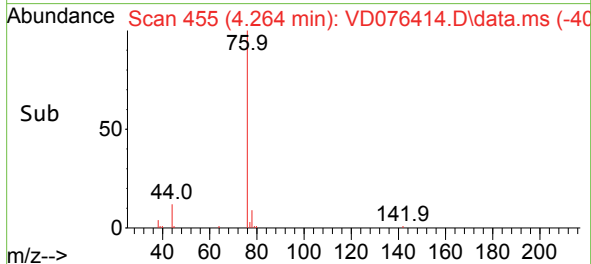
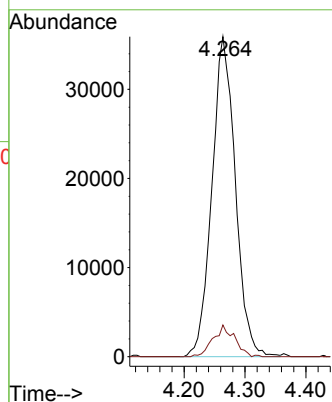
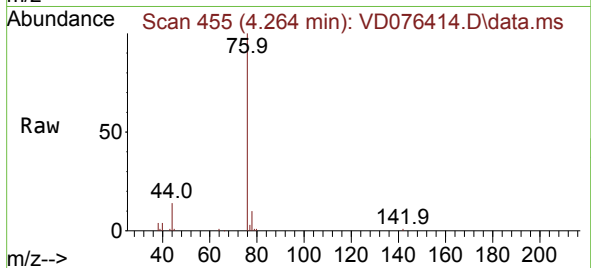




#17
Carbon Disulfide
Concen: 18.458 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

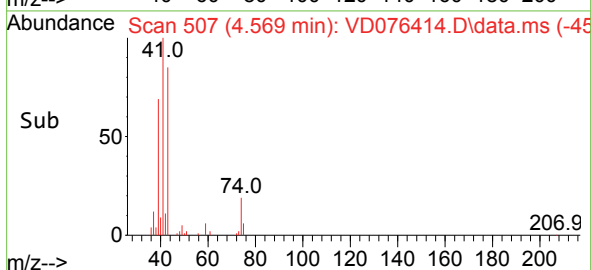
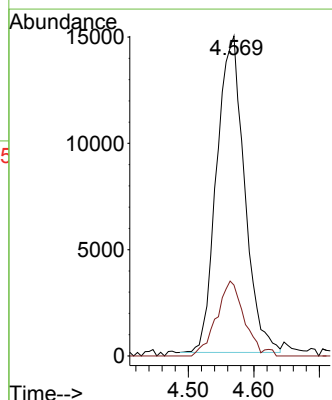
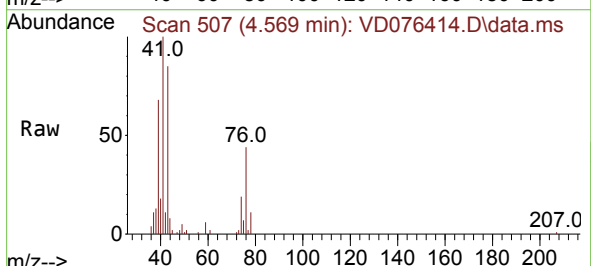
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

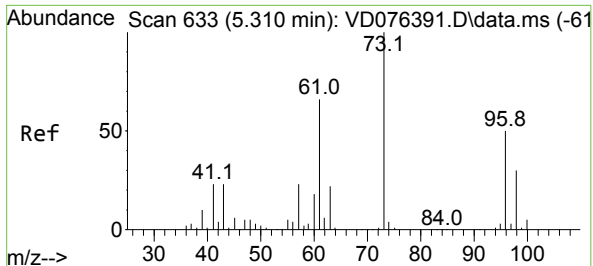
Tgt Ion: 76 Resp: 95876
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2



#18
Methyl Acetate
Concen: 20.926 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.012 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion: 43 Resp: 43858
Ion Ratio Lower Upper
43 100
74 23.7 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 20.521 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

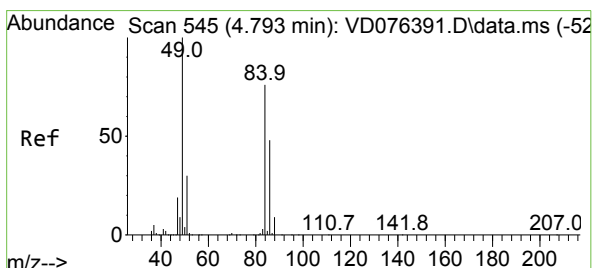
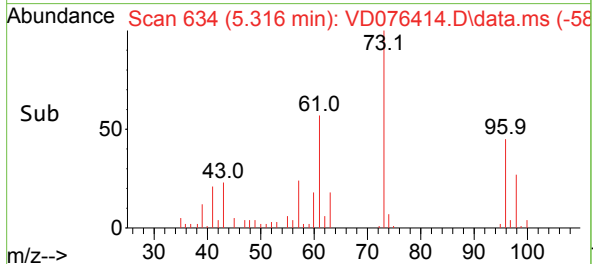
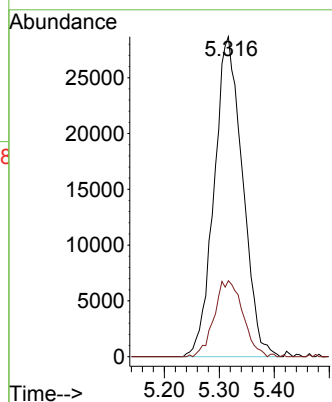
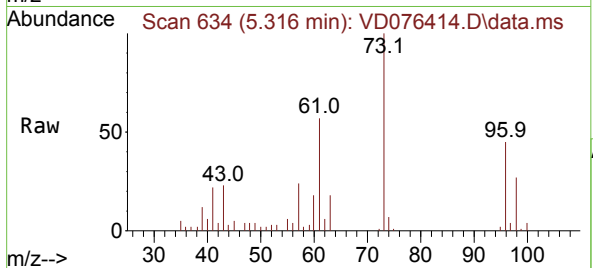
VD0614SBS01

Tgt Ion: 73 Resp: 102939

Ion Ratio Lower Upper

73 100

57 23.7 16.6 25.0



#20

Methylene Chloride

Concen: 18.625 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.006 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Tgt Ion: 84 Resp: 54486

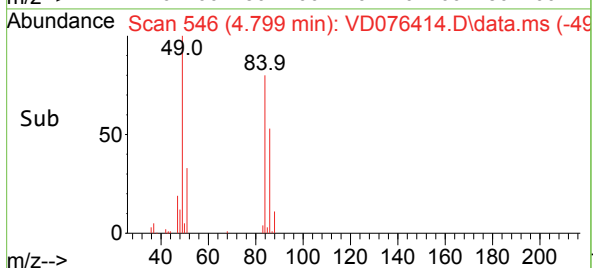
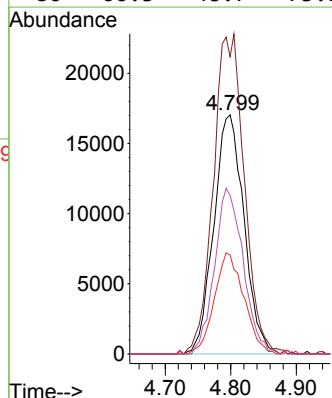
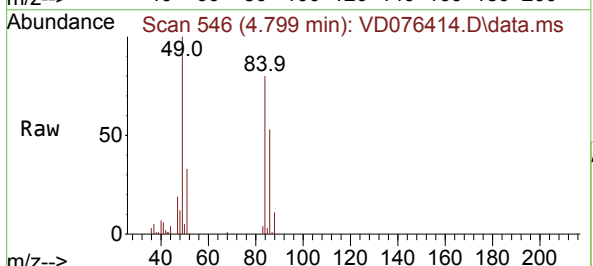
Ion Ratio Lower Upper

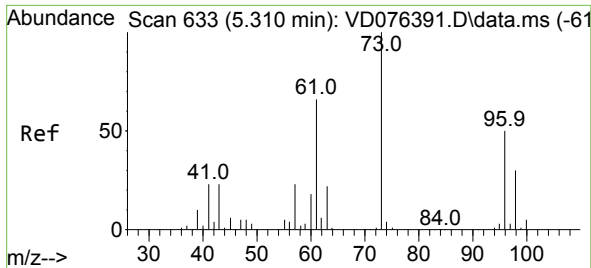
84 100

49 122.9 71.4 107.2#

51 41.4 24.5 36.7#

86 66.3 48.7 73.1

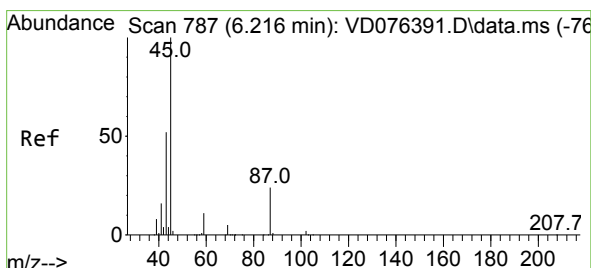
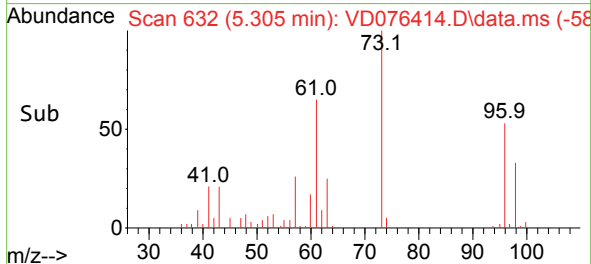
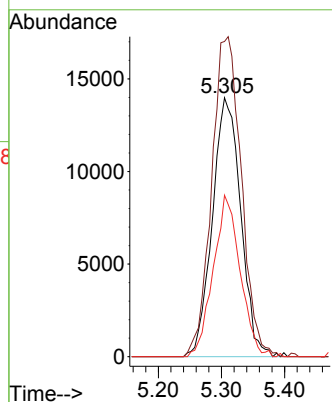
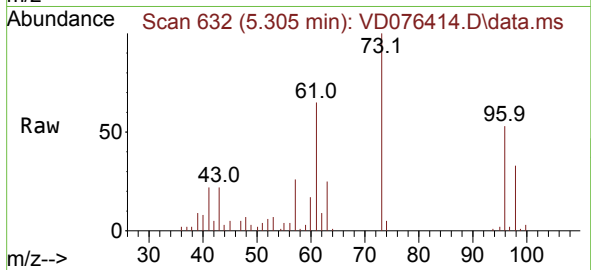




#21
trans-1,2-Dichloroethene
Concen: 20.756 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

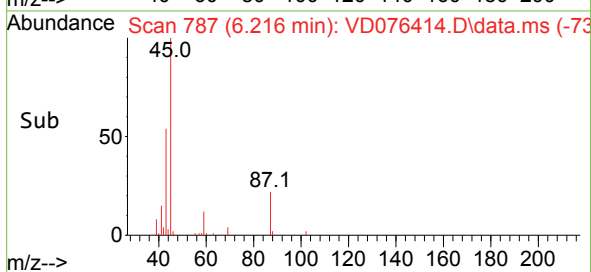
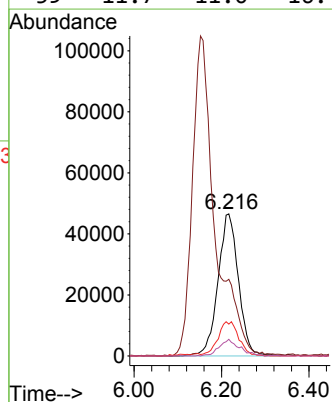
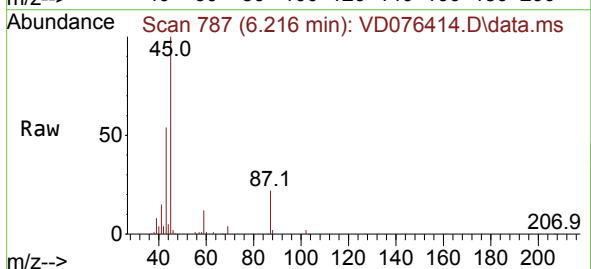
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

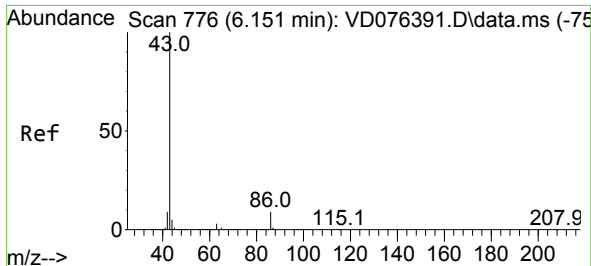
Tgt Ion: 96 Resp: 43606
Ion Ratio Lower Upper
96 100
61 121.8 89.3 133.9
98 62.4 48.6 73.0



#22
Diisopropyl ether
Concen: 20.974 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion: 45 Resp: 150954
Ion Ratio Lower Upper
45 100
43 52.8 40.0 60.0
87 22.4 28.2 42.4#
59 11.7 11.0 16.4

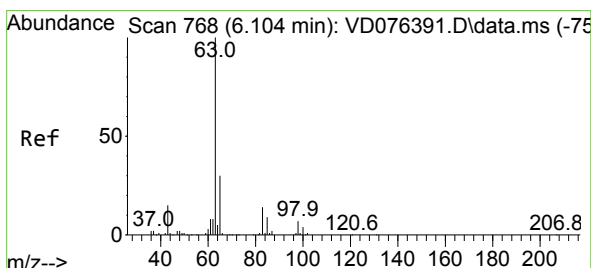
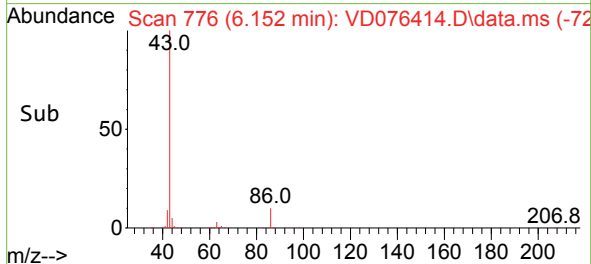
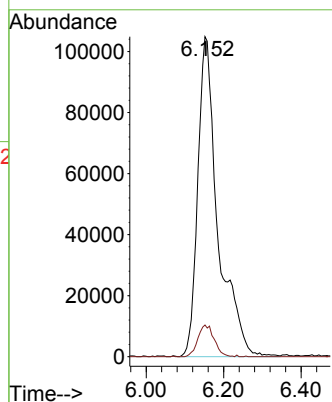
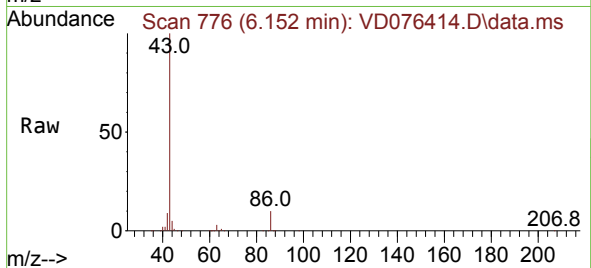




#23
 Vinyl Acetate
 Concen: 122.384 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD076414.D
 Acq: 14 Jun 2023 13:05

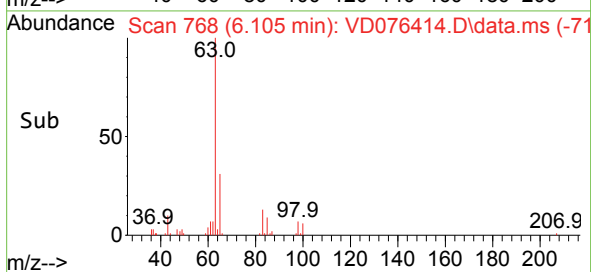
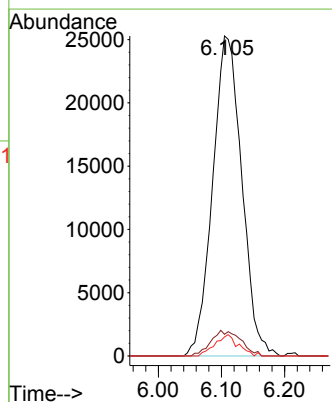
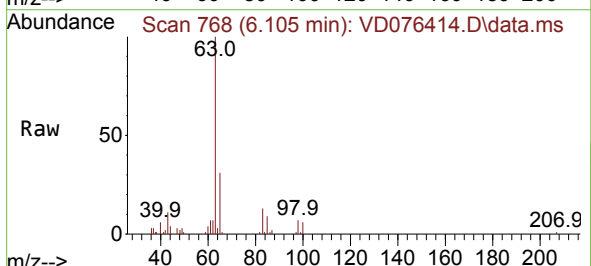
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBSD01

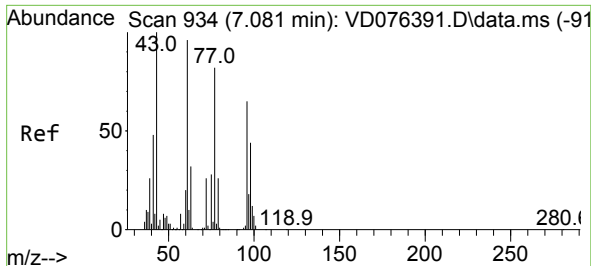
Tgt Ion: 43 Resp: 378307
 Ion Ratio Lower Upper
 43 100
 86 9.9 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 20.270 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD076414.D
 Acq: 14 Jun 2023 13:05

Tgt Ion: 63 Resp: 81090
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.5 13.7
 100 5.9 2.5 7.5





#25

2-Butanone

Concen: 102.568 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

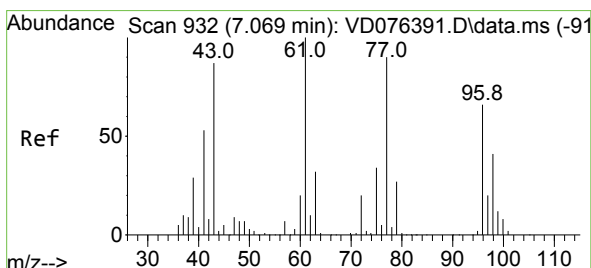
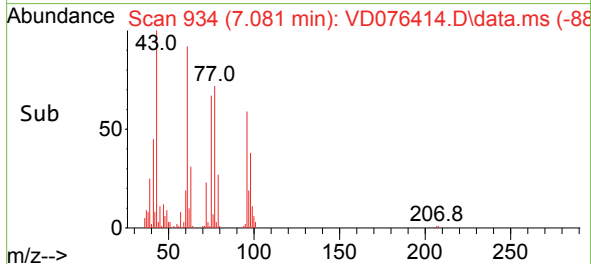
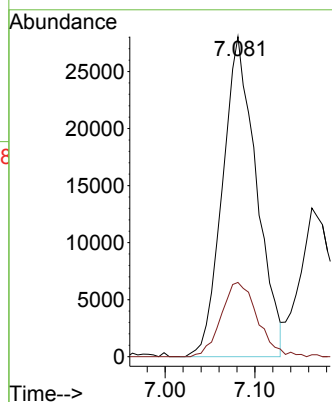
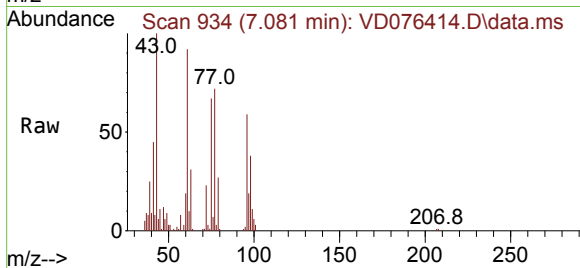
VD0614SBSD01

Tgt Ion: 43 Resp: 73744

Ion Ratio Lower Upper

43 100

72 23.2 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 19.245 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.006 min

Lab File: VD076414.D

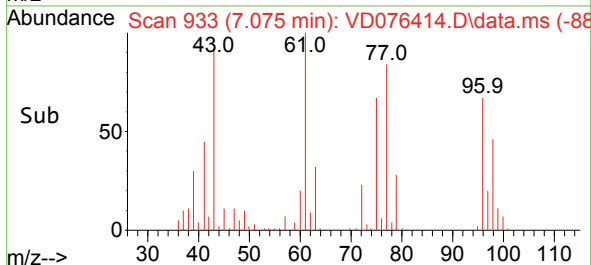
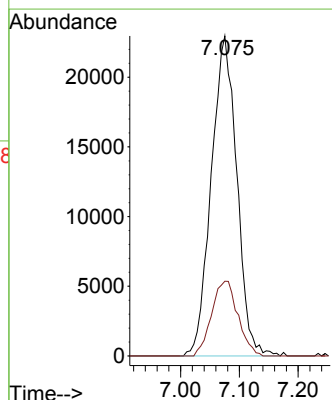
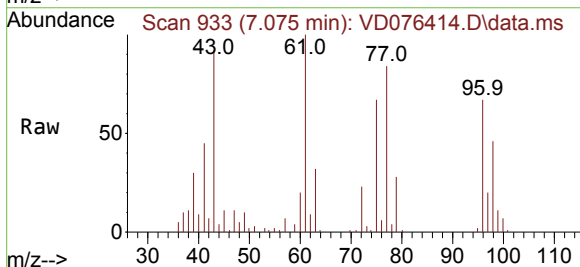
Acq: 14 Jun 2023 13:05

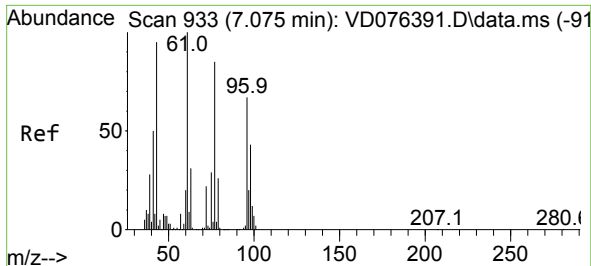
Tgt Ion: 77 Resp: 69323

Ion Ratio Lower Upper

77 100

97 24.1 13.2 39.6

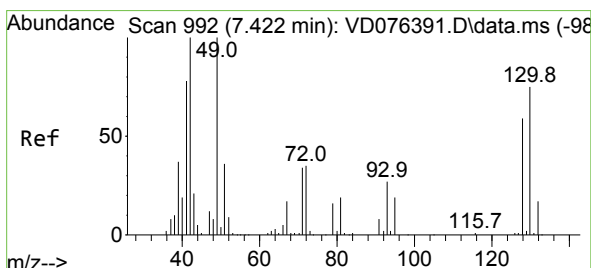
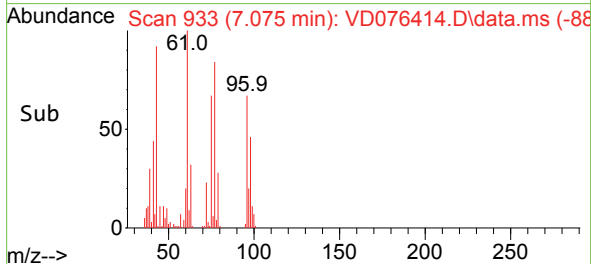
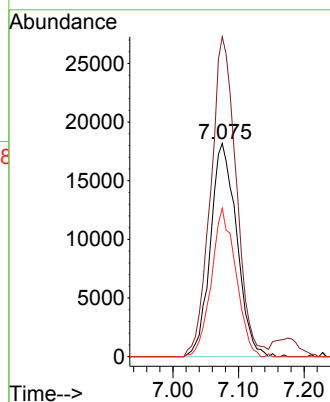
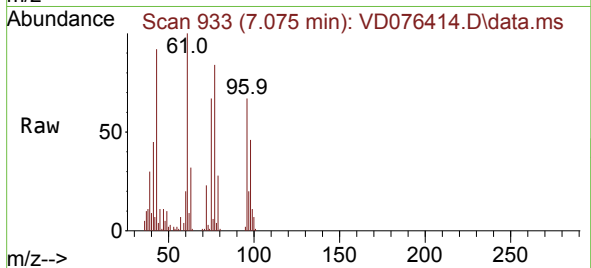




#27
 cis-1,2-Dichloroethene
 Concen: 20.170 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076414.D
 Acq: 14 Jun 2023 13:05

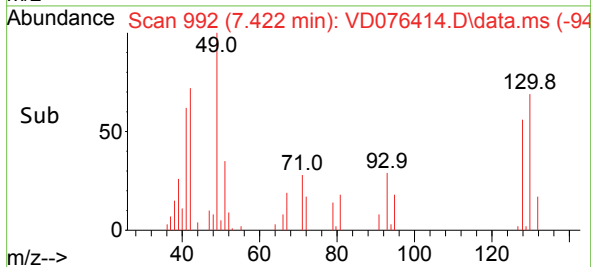
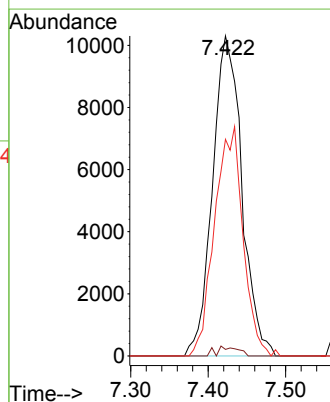
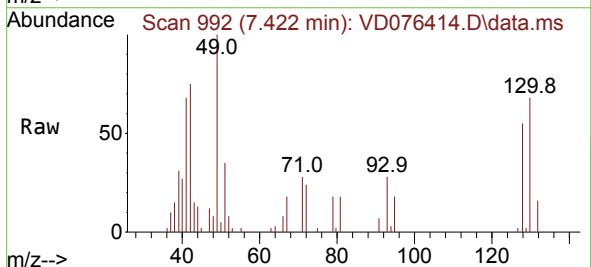
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBSD01

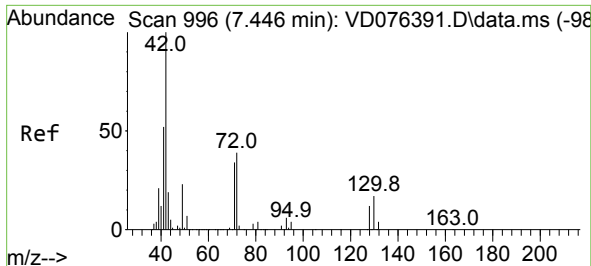
Tgt Ion: 96 Resp: 50444
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 239.2
 98 64.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 22.178 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076414.D
 Acq: 14 Jun 2023 13:05

Tgt Ion: 49 Resp: 27119
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 6.0
 130 69.5 83.2 124.8#





#29

Tetrahydrofuran

Concen: 107.628 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBSD01

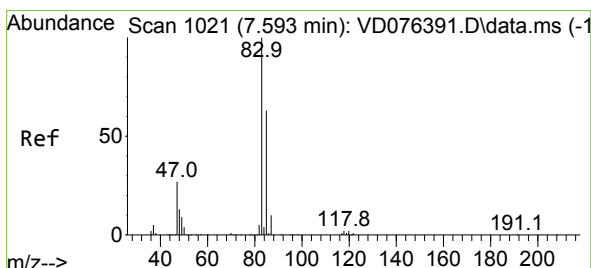
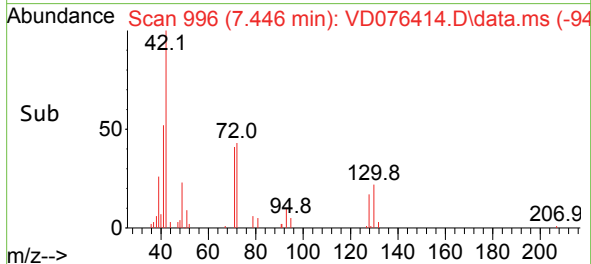
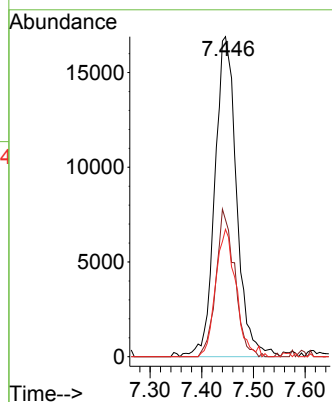
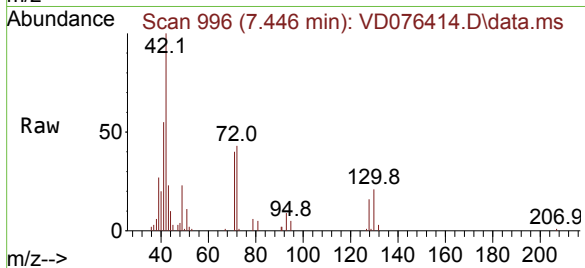
Tgt Ion: 42 Resp: 49369

Ion Ratio Lower Upper

42 100

72 39.6 46.5 69.7#

71 37.4 44.5 66.7#



#30

Chloroform

Concen: 20.153 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD076414.D

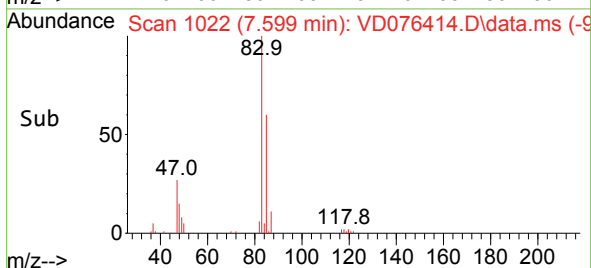
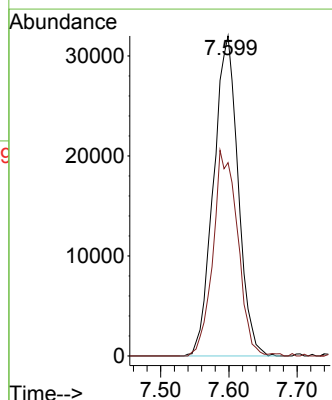
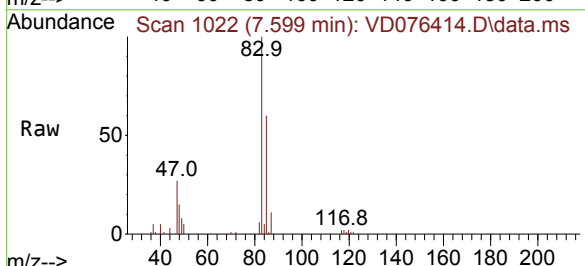
Acq: 14 Jun 2023 13:05

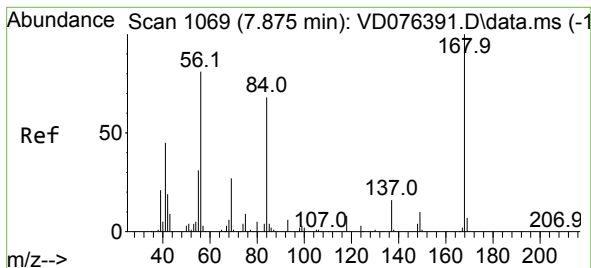
Tgt Ion: 83 Resp: 80354

Ion Ratio Lower Upper

83 100

85 60.4 53.4 80.2





#31

Cyclohexane

Concen: 19.125 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBSD01

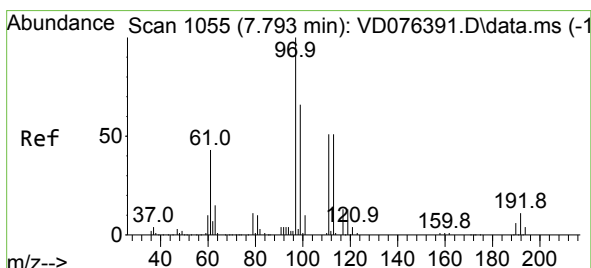
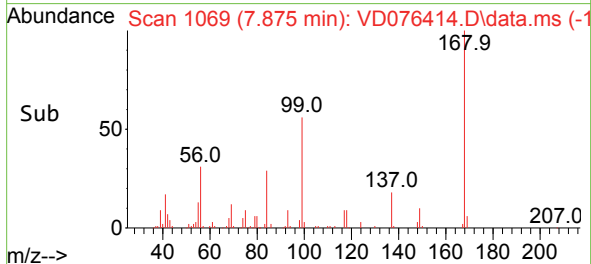
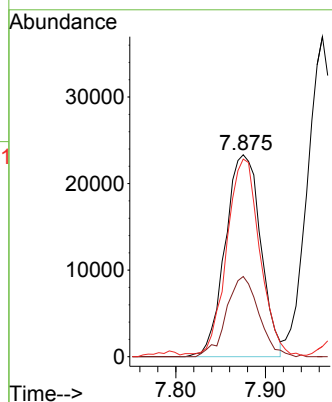
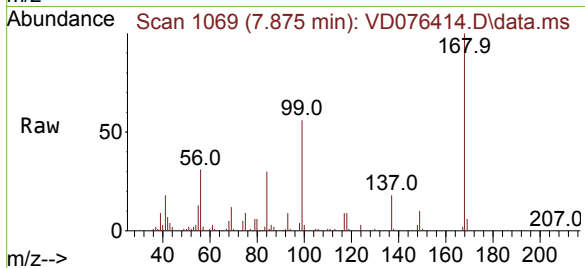
Tgt Ion: 56 Resp: 63988

Ion Ratio Lower Upper

56 100

69 39.7 28.6 43.0

84 97.0 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 19.714 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

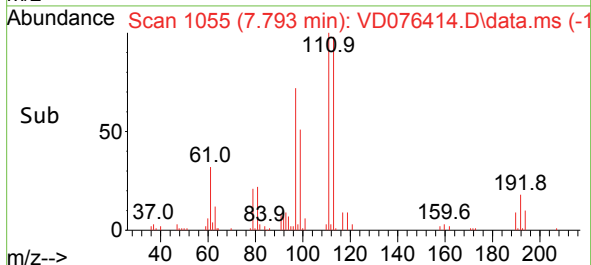
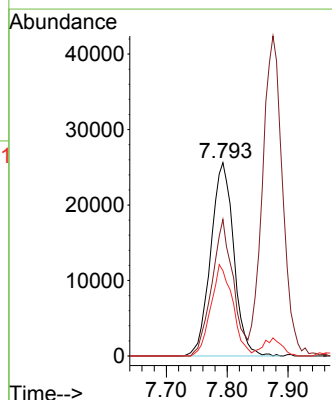
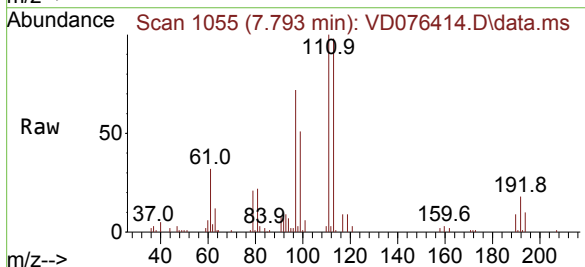
Tgt Ion: 97 Resp: 67132

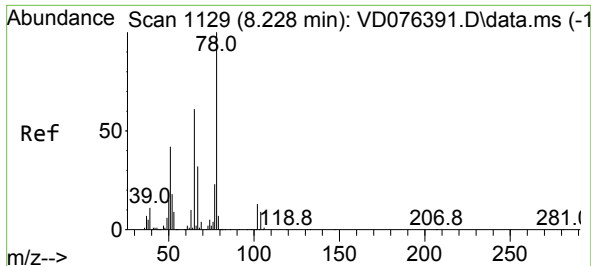
Ion Ratio Lower Upper

97 100

99 65.4 52.0 78.0

61 44.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.867 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

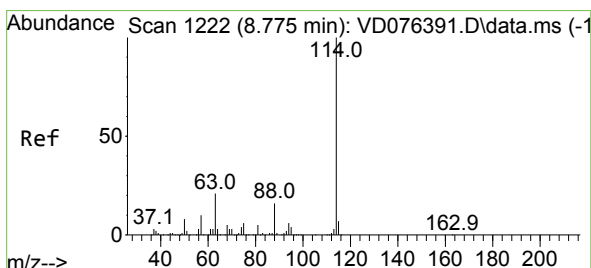
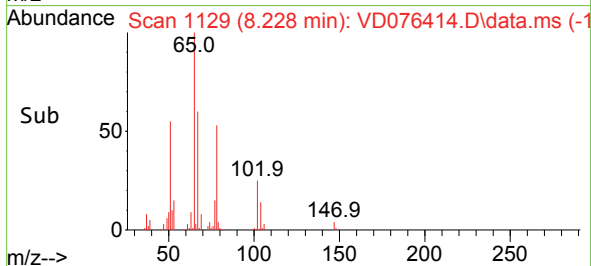
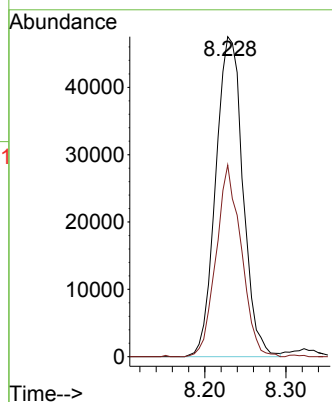
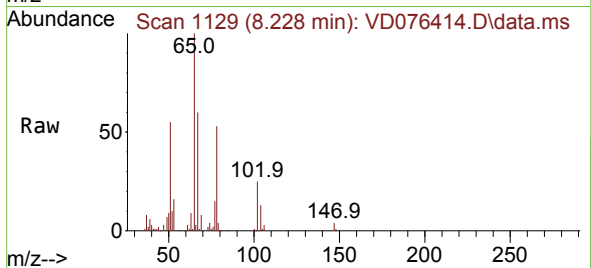
VD0614SBSD01

Tgt Ion: 65 Resp: 110551

Ion Ratio Lower Upper

65 100

67 55.4 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: VD076414.D

Acq: 14 Jun 2023 13:05

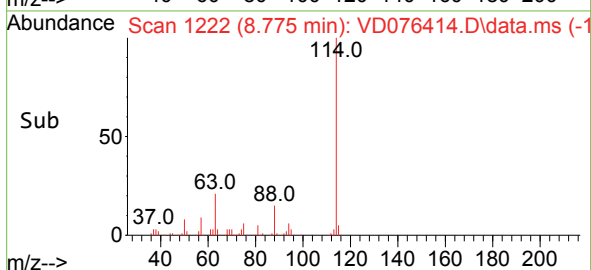
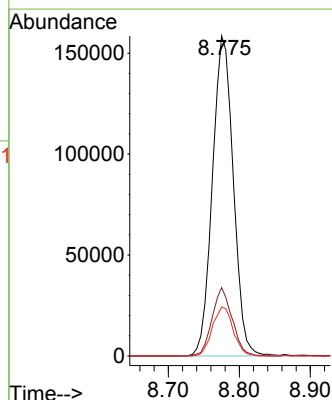
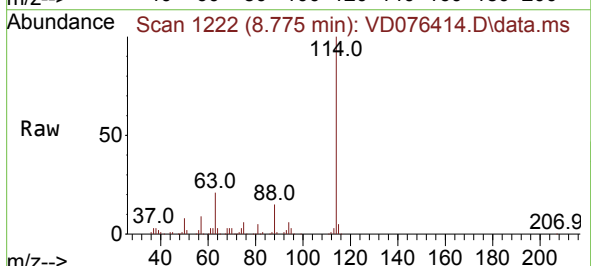
Tgt Ion:114 Resp: 323697

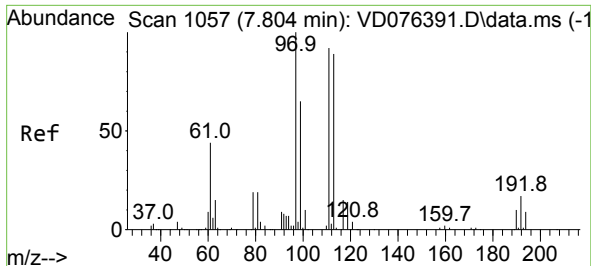
Ion Ratio Lower Upper

114 100

63 21.4 0.0 33.4

88 15.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 54.342 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBSD01

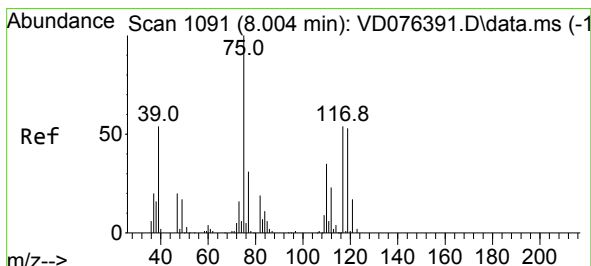
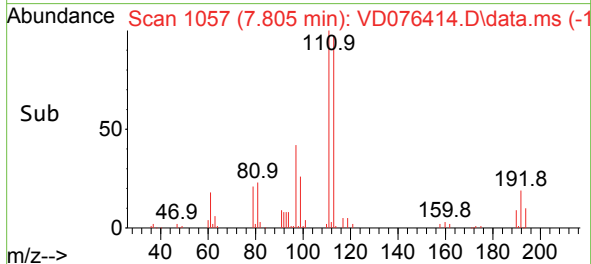
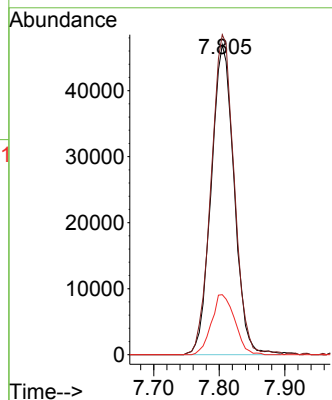
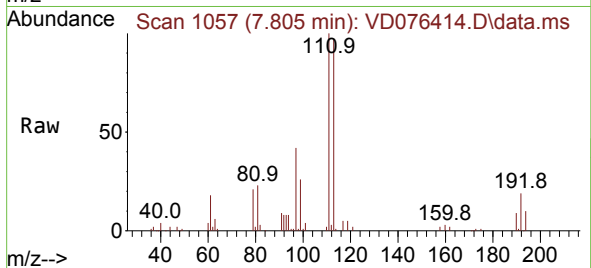
Tgt Ion:113 Resp: 113688

Ion Ratio Lower Upper

113 100

111 104.4 84.7 127.1

192 19.7 16.8 25.2



#36

1,1-Dichloropropene

Concen: 18.933 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

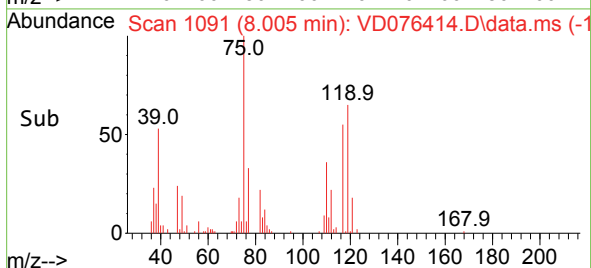
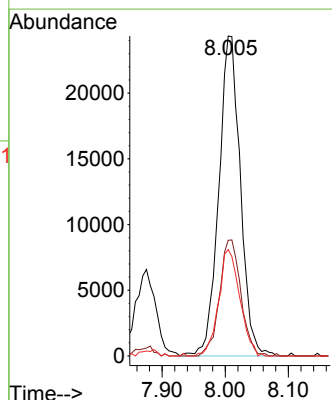
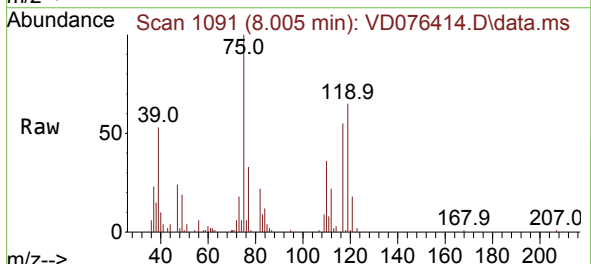
Tgt Ion: 75 Resp: 57815

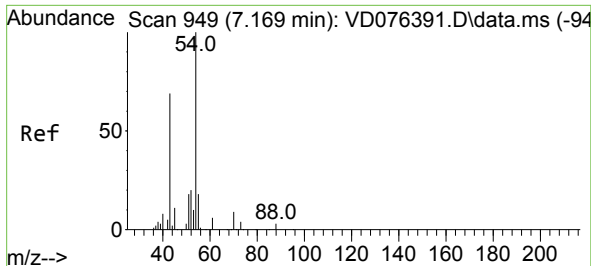
Ion Ratio Lower Upper

75 100

110 35.9 19.9 59.6

77 32.8 24.7 37.1





#37

Ethyl Acetate

Concen: 21.207 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBSD01

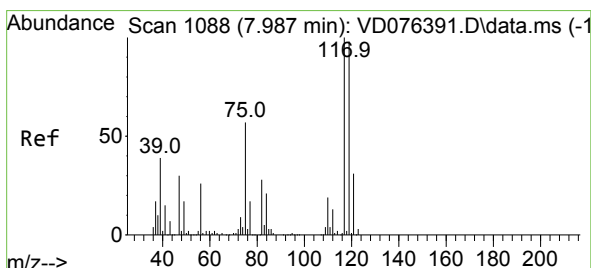
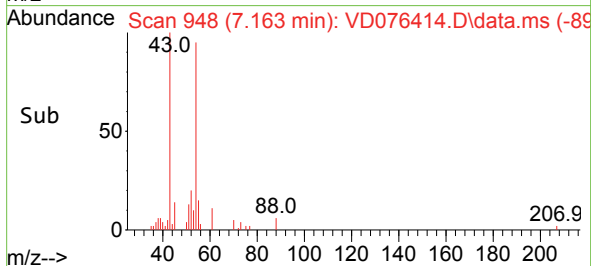
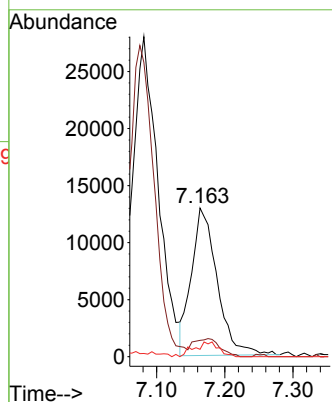
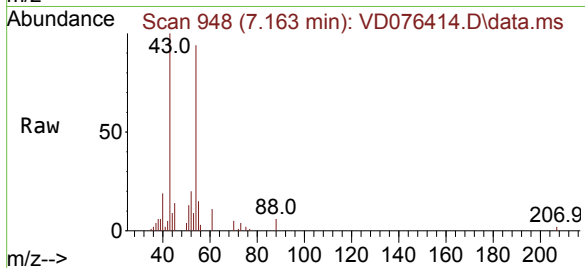
Tgt Ion: 43 Resp: 34061

Ion Ratio Lower Upper

43 100

61 12.4 14.9 22.3#

70 9.3 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 18.499 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

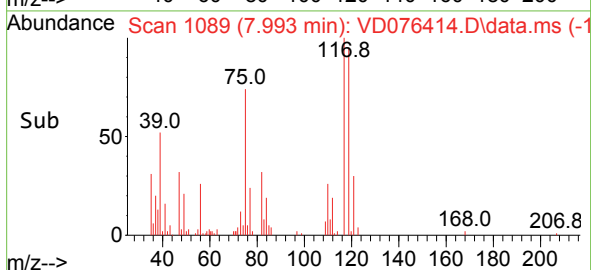
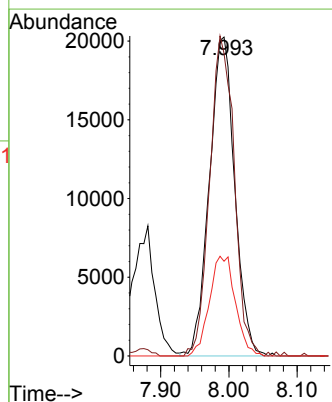
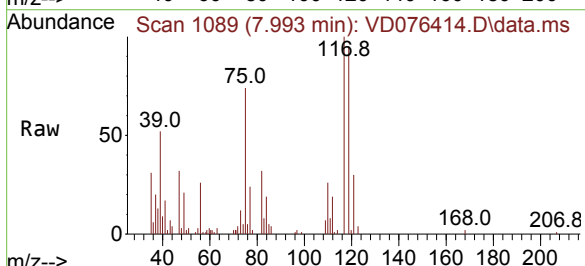
Tgt Ion: 117 Resp: 52448

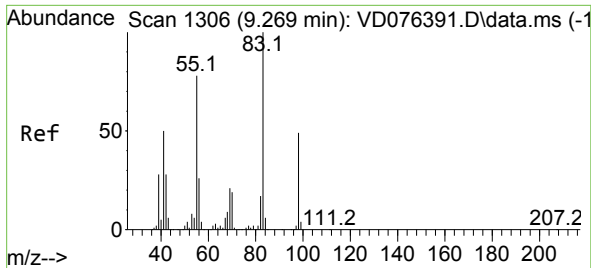
Ion Ratio Lower Upper

117 100

119 94.9 78.0 117.0

121 29.7 24.2 36.2





#39

Methylcyclohexane

Concen: 19.079 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. 0.006 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBSD01

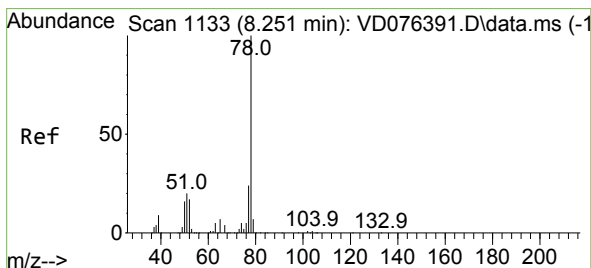
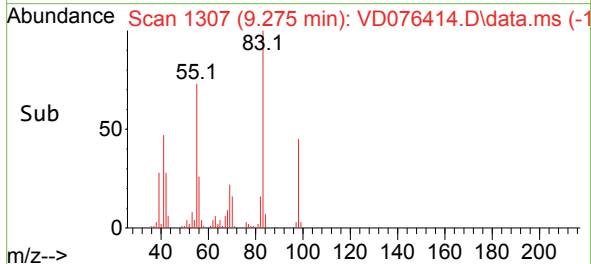
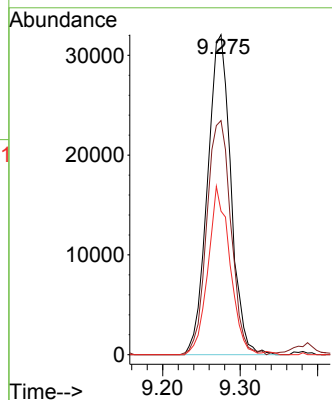
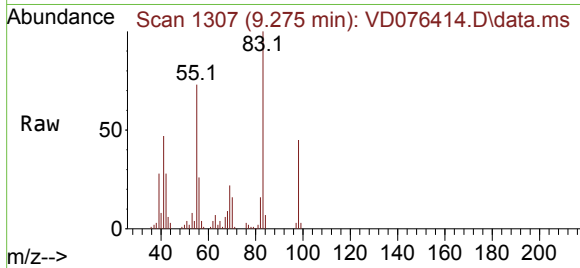
Tgt Ion: 83 Resp: 67081

Ion Ratio Lower Upper

83 100

55 73.1 49.4 74.0

98 44.9 38.4 57.6



#40

Benzene

Concen: 19.704 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD076414.D

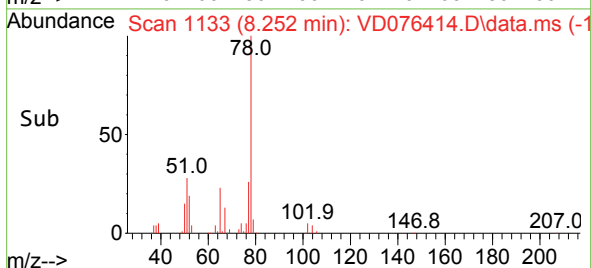
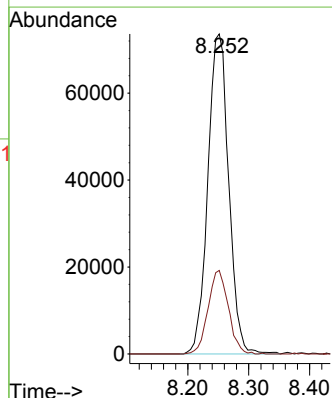
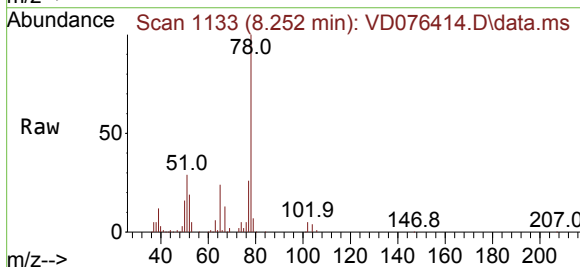
Acq: 14 Jun 2023 13:05

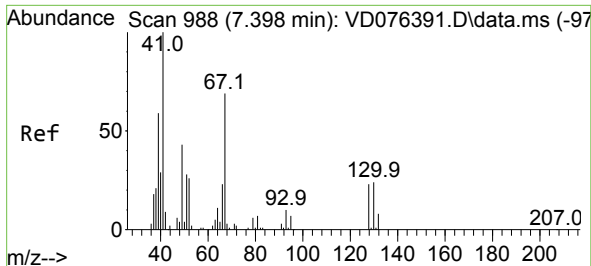
Tgt Ion: 78 Resp: 174922

Ion Ratio Lower Upper

78 100

77 26.1 19.4 29.0

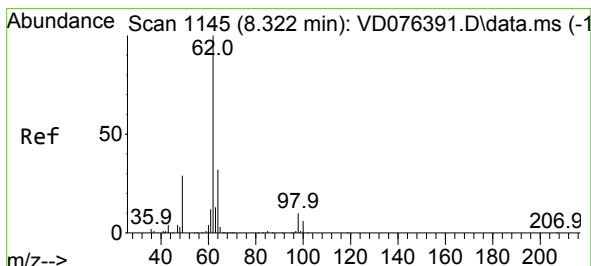
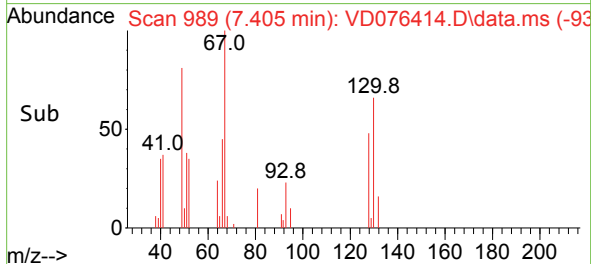
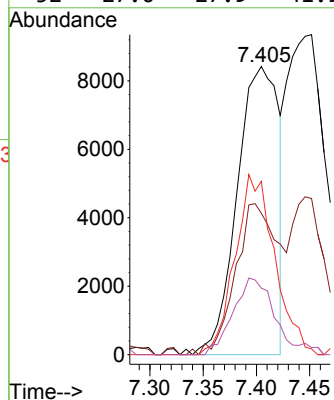
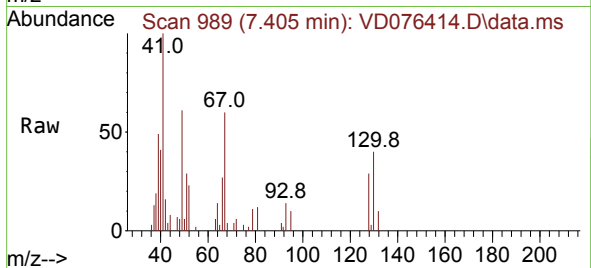




#41
Methacrylonitrile
Concen: 22.202 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

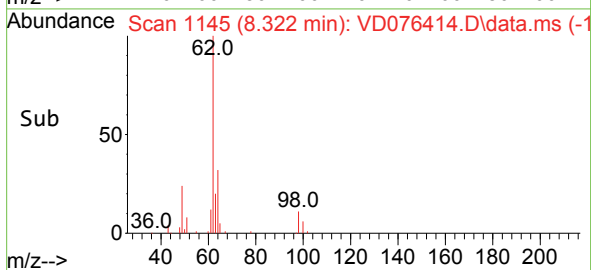
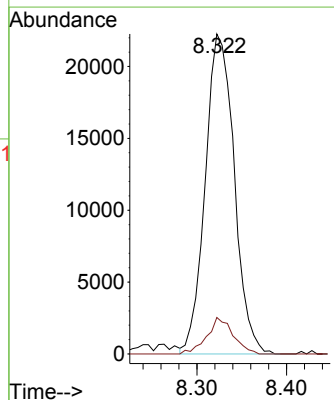
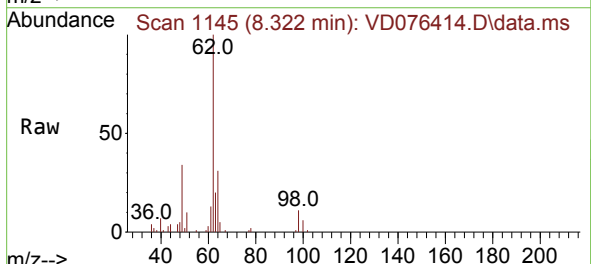
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

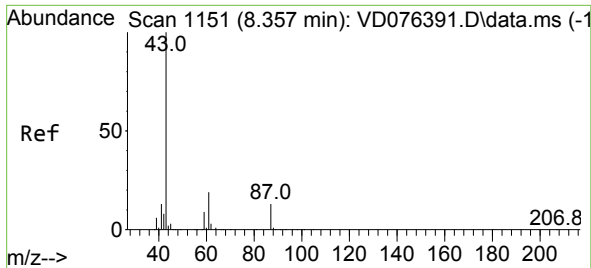
Tgt Ion:	41	Resp:	22812
Ion Ratio	Lower	Upper	
41	100		
39	55.4	34.0	51.0#
67	59.7	77.0	115.4#
52	27.0	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 18.921 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion:	62	Resp:	50019
Ion Ratio	Lower	Upper	
62	100		
98	10.3	0.0	25.4

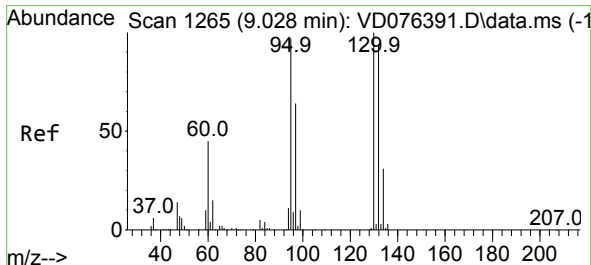
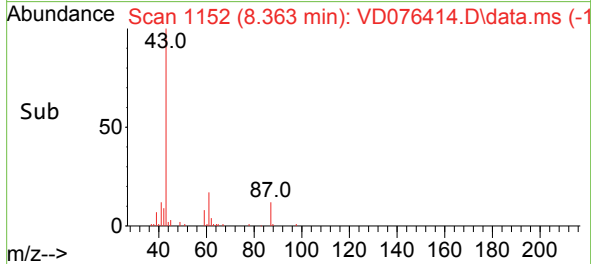
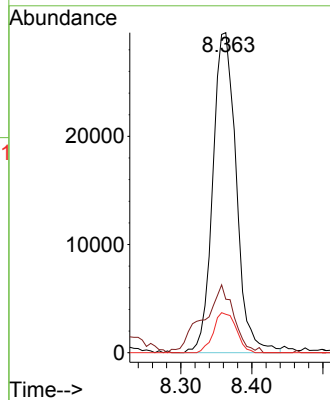
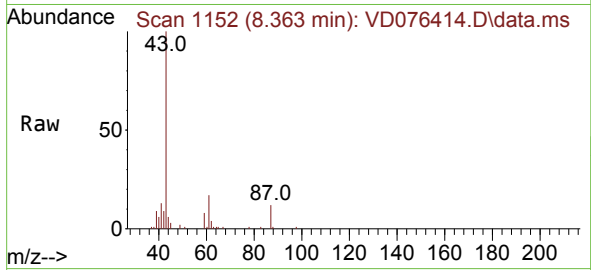




#43
Isopropyl Acetate
Concen: 20.106 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

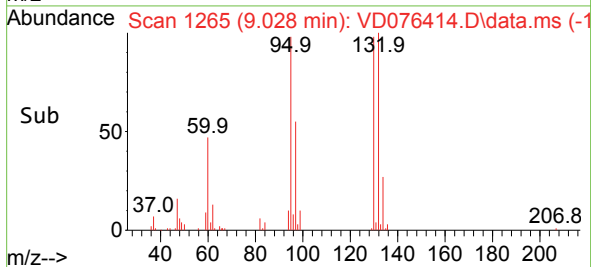
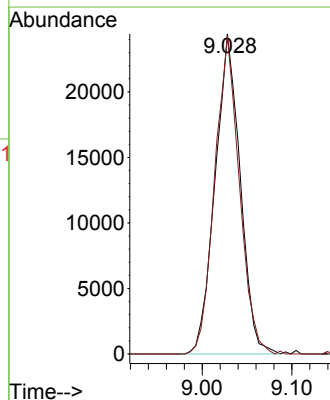
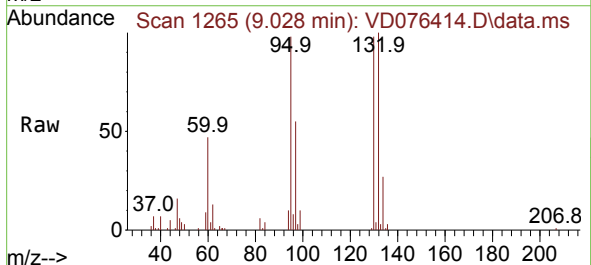
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

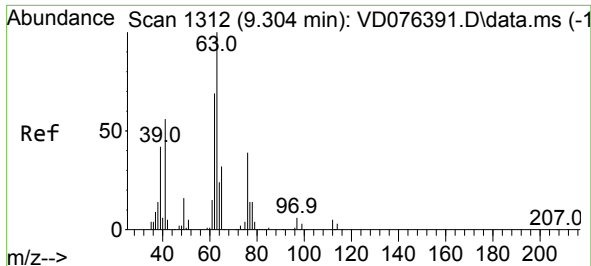
Tgt Ion: 43 Resp: 67708
Ion Ratio Lower Upper
43 100
61 27.6 31.4 47.0#
87 12.1 14.9 22.3#



#44
Trichloroethene
Concen: 19.660 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion:130 Resp: 47311
Ion Ratio Lower Upper
130 100
95 99.3 0.0 179.2

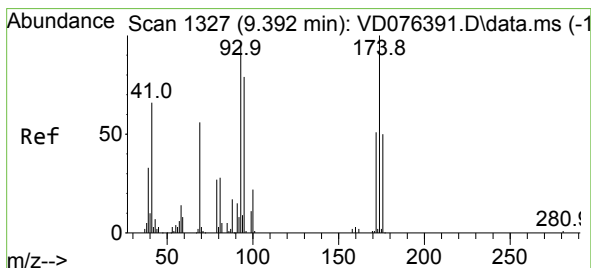
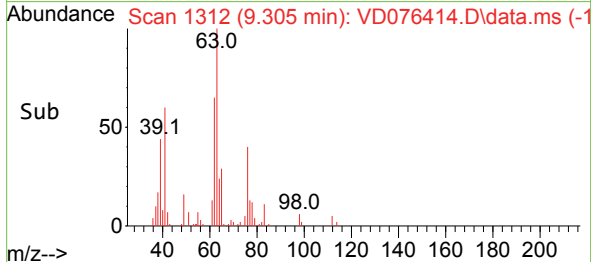
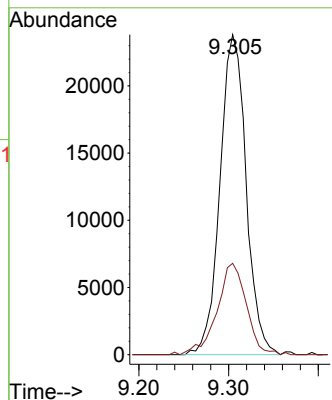
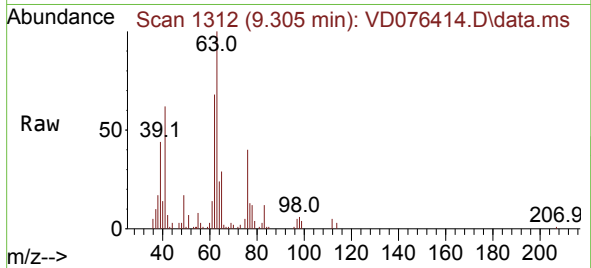




#45
1,2-Dichloropropane
Concen: 20.404 ug/l
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

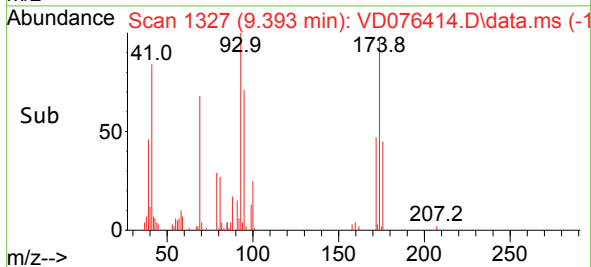
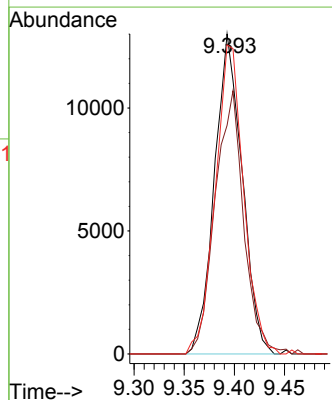
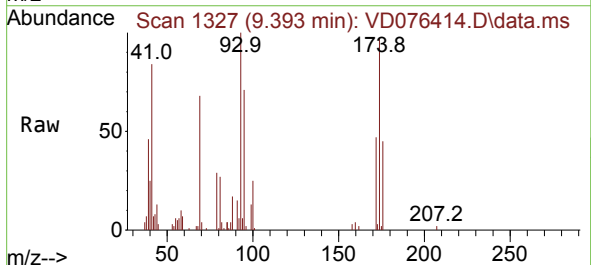
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

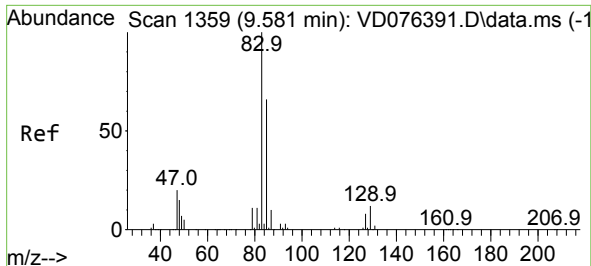
Tgt Ion: 63 Resp: 48142
Ion Ratio Lower Upper
63 100
65 28.5 24.5 36.7



#46
Dibromomethane
Concen: 19.200 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion: 93 Resp: 25001
Ion Ratio Lower Upper
93 100
95 85.0 67.7 101.5
174 98.8 85.4 128.2





#47

Bromodichloromethane

Concen: 19.938 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBSD01

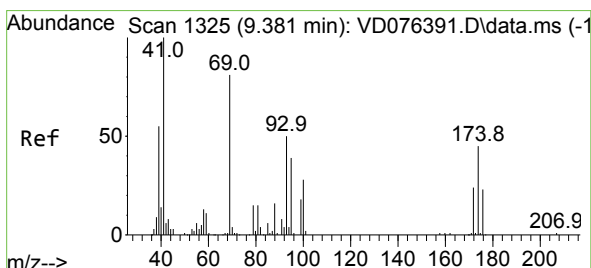
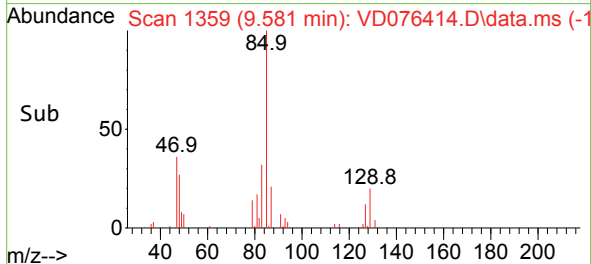
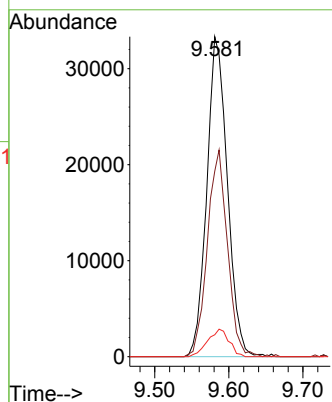
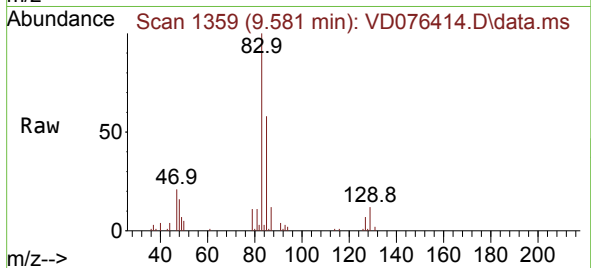
Tgt Ion: 83 Resp: 64312

Ion Ratio Lower Upper

83 100

85 58.0 50.2 75.4

127 6.8 6.3 9.5



#48

Methyl methacrylate

Concen: 17.823 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

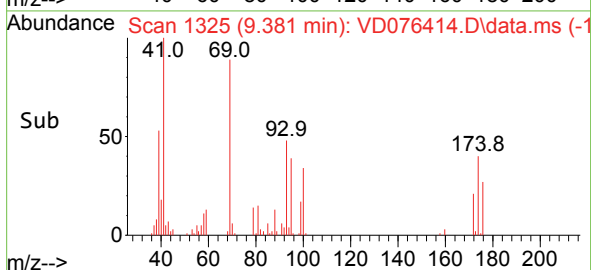
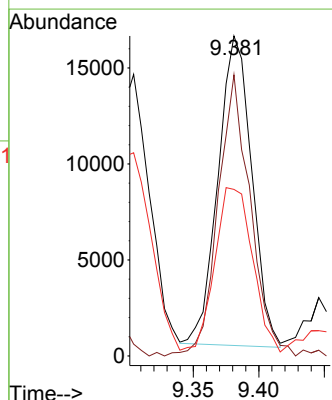
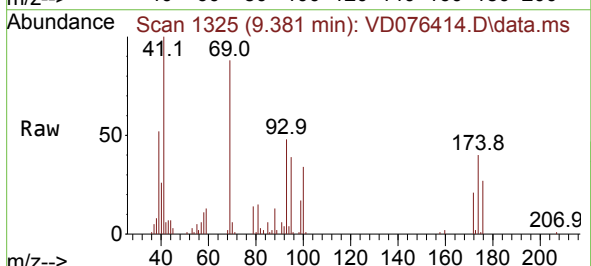
Tgt Ion: 41 Resp: 28766

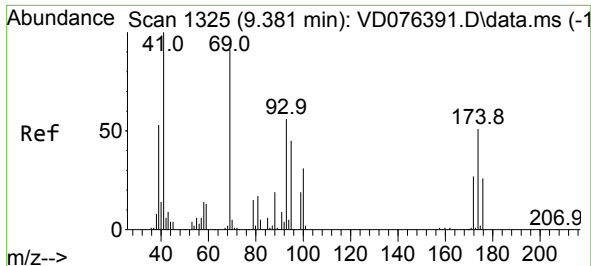
Ion Ratio Lower Upper

41 100

69 87.2 102.2 153.2#

39 62.6 41.4 62.2#





#49

1,4-Dioxane

Concen: 383.129 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD076414.D

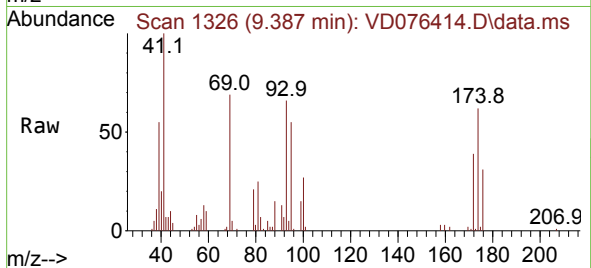
Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBSD01



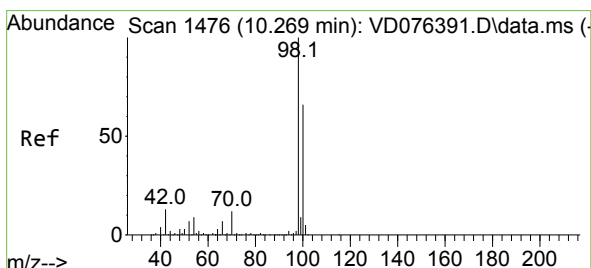
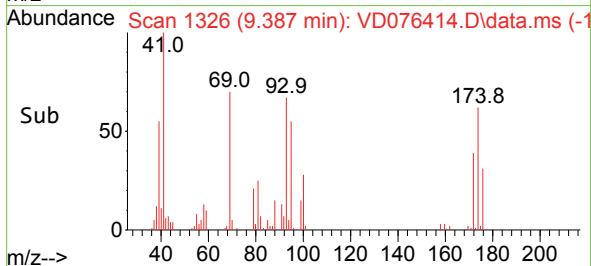
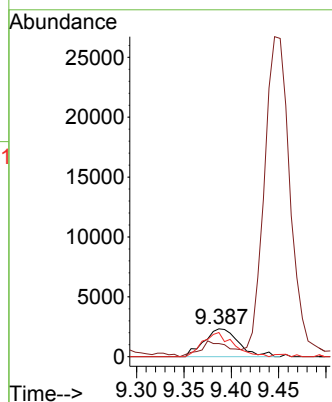
Tgt Ion: 88 Resp: 5919

Ion Ratio Lower Upper

88 100

43 47.4 19.0 28.6#

58 75.6 43.5 65.3#



#50

Toluene-d8

Concen: 53.882 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076414.D

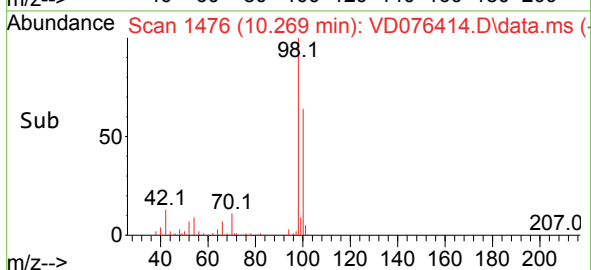
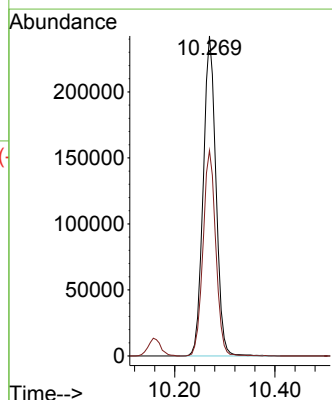
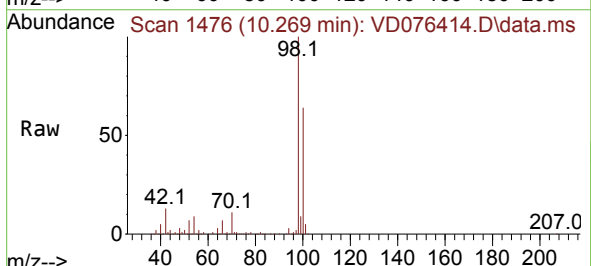
Acq: 14 Jun 2023 13:05

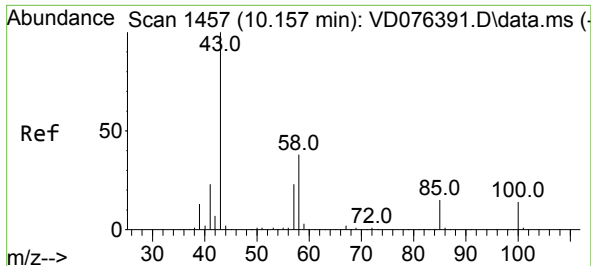
Tgt Ion: 98 Resp: 427188

Ion Ratio Lower Upper

98 100

100 64.4 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 100.815 ug/l

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

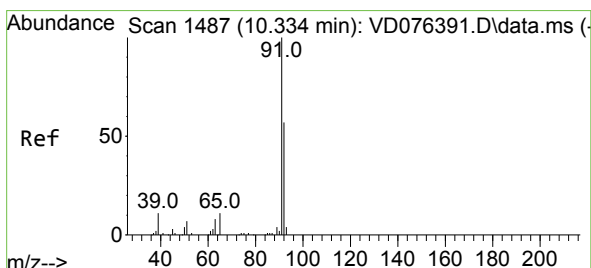
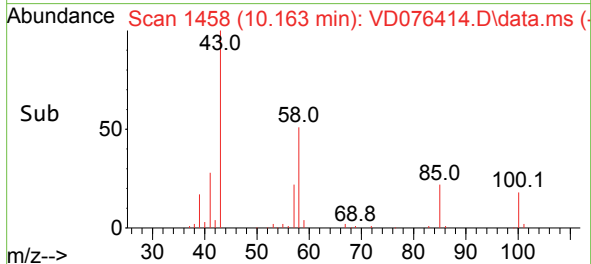
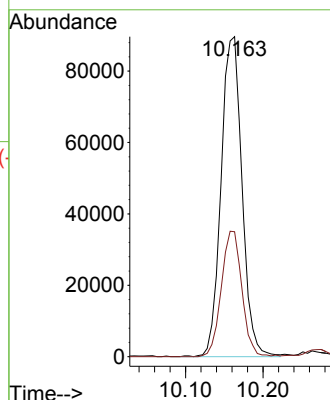
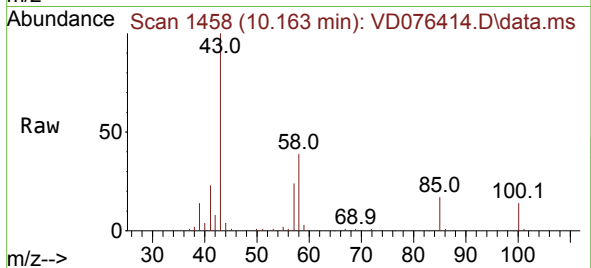
VD0614SBSD01

Tgt Ion: 43 Resp: 168619

Ion Ratio Lower Upper

43 100

58 38.5 38.9 58.3#



#52

Toluene

Concen: 19.792 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD076414.D

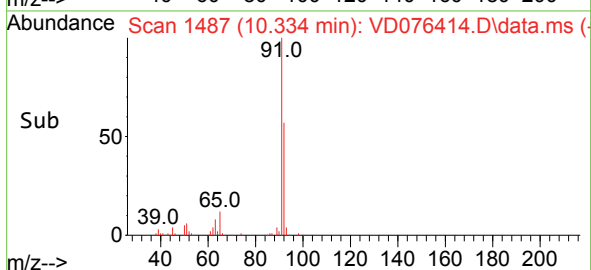
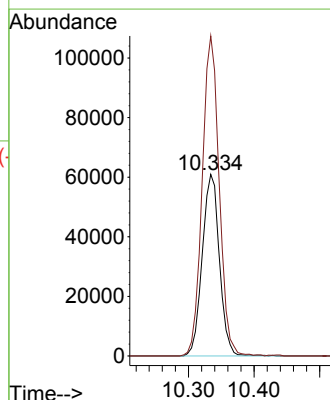
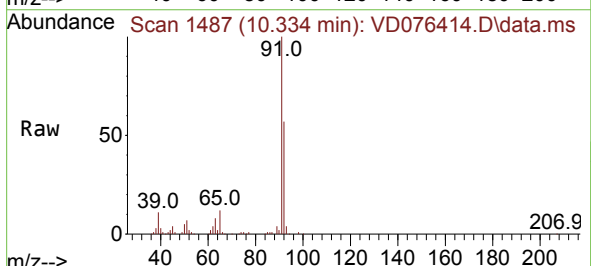
Acq: 14 Jun 2023 13:05

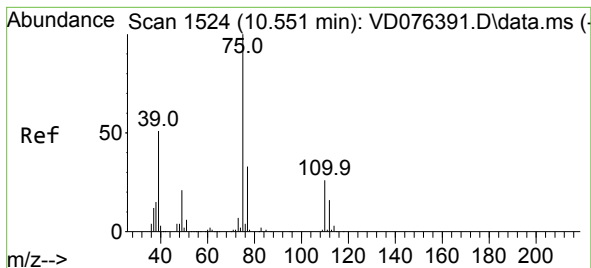
Tgt Ion: 92 Resp: 111075

Ion Ratio Lower Upper

92 100

91 174.5 143.0 214.4





#53

t-1,3-Dichloropropene

Concen: 19.415 ug/l

RT: 10.552 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

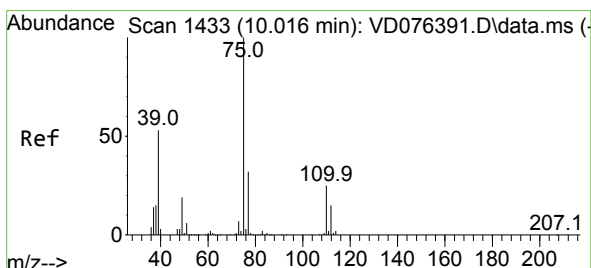
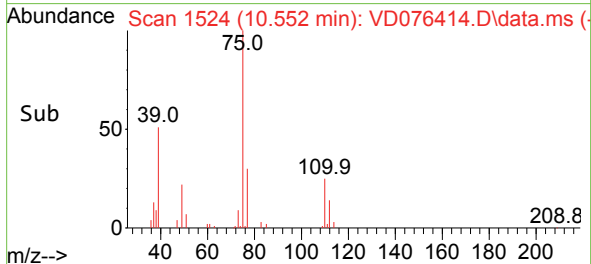
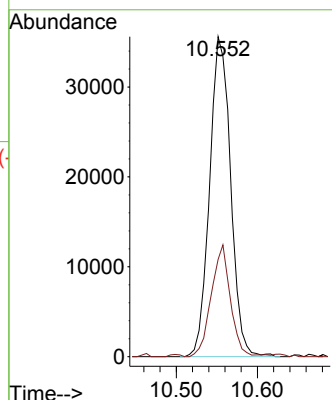
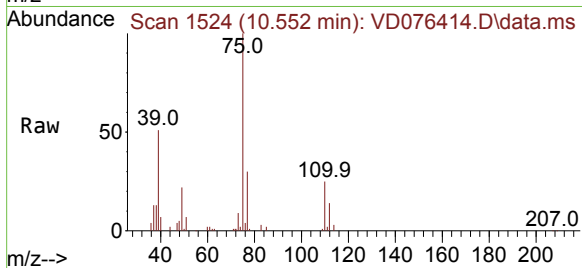
VD0614SBSD01

Tgt Ion: 75 Resp: 64053

Ion Ratio Lower Upper

75 100

77 29.8 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 19.988 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

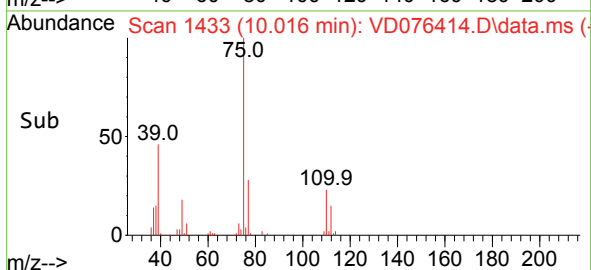
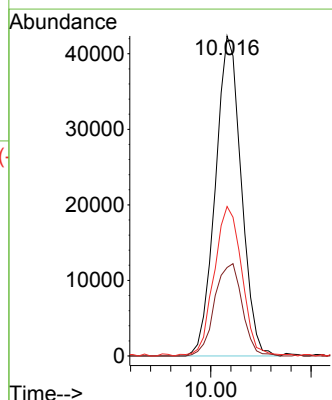
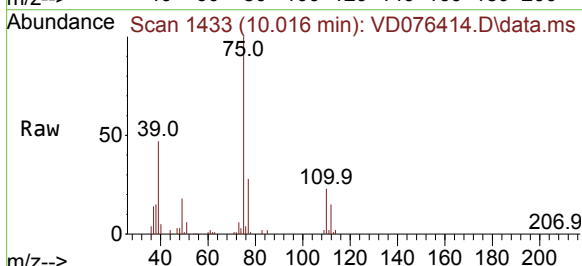
Tgt Ion: 75 Resp: 75834

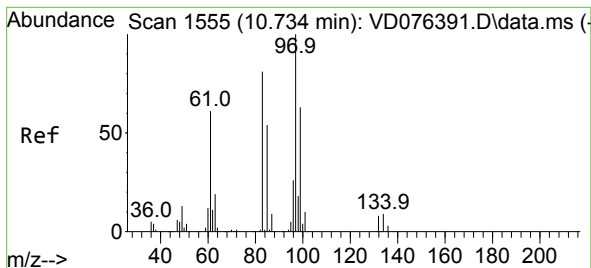
Ion Ratio Lower Upper

75 100

77 27.6 25.5 38.3

39 46.3 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 20.131 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBSD01

Tgt Ion: 97 Resp: 35012

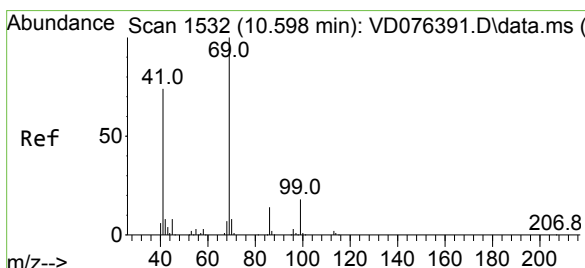
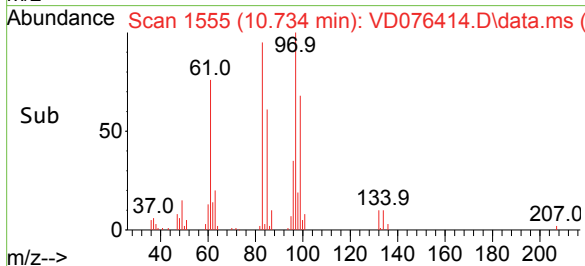
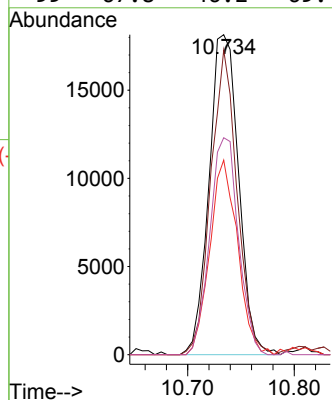
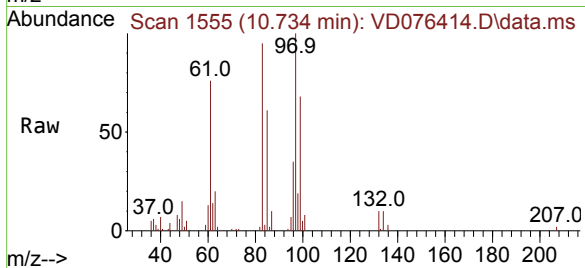
Ion Ratio Lower Upper

97 100

83 95.2 65.8 98.6

85 60.8 45.7 68.5

99 67.8 46.2 69.4



#56

Ethyl methacrylate

Concen: 19.815 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

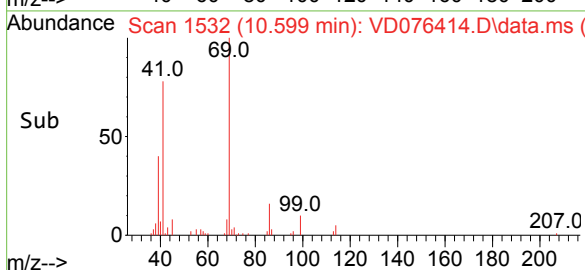
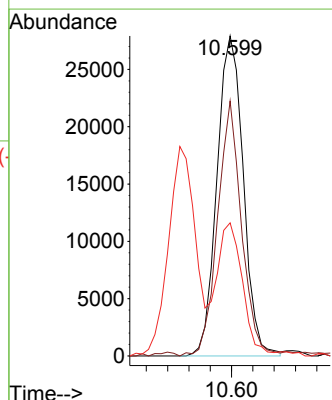
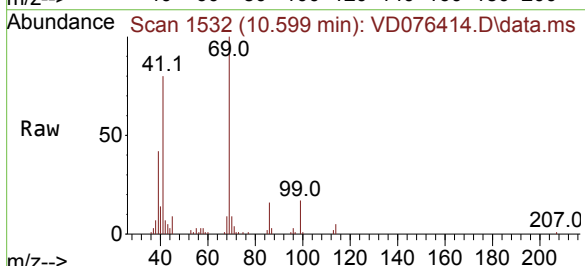
Tgt Ion: 69 Resp: 47860

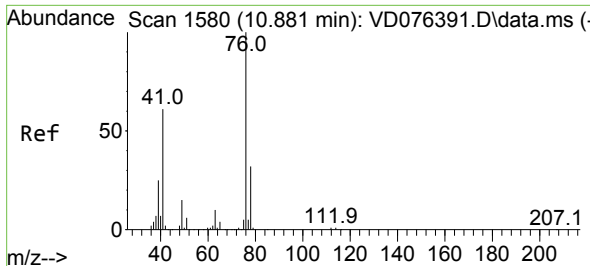
Ion Ratio Lower Upper

69 100

41 72.5 39.1 58.7#

39 39.6 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 20.724 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

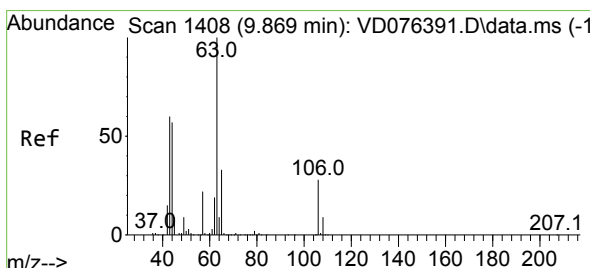
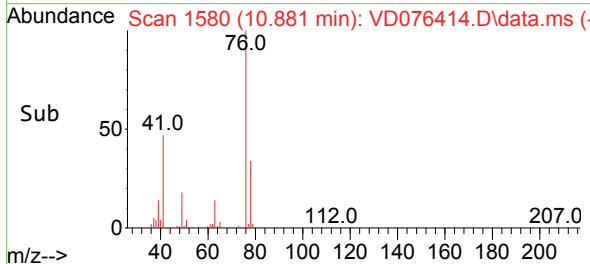
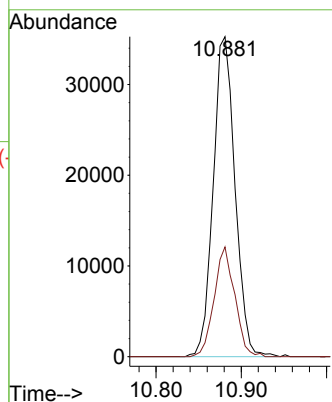
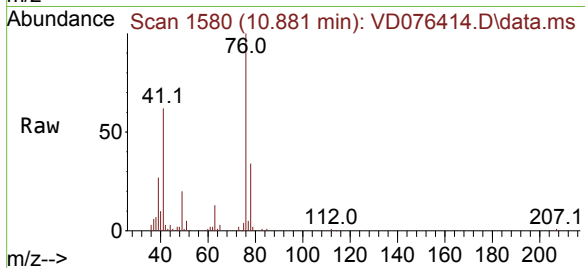
VD0614SBSD01

Tgt Ion: 76 Resp: 62700

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 109.206 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076414.D

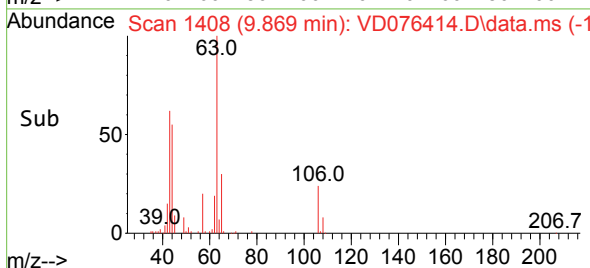
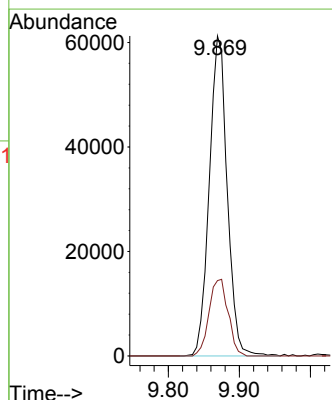
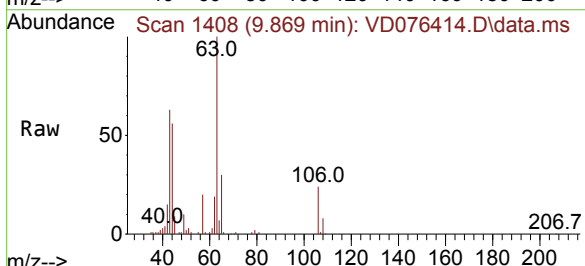
Acq: 14 Jun 2023 13:05

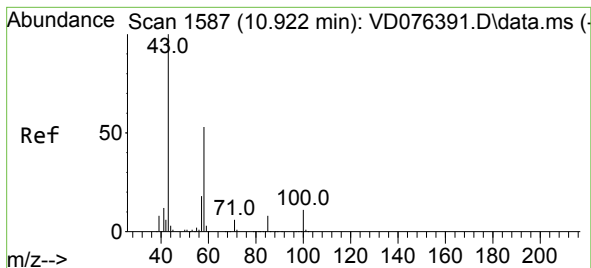
Tgt Ion: 63 Resp: 107441

Ion Ratio Lower Upper

63 100

106 25.5 25.3 37.9

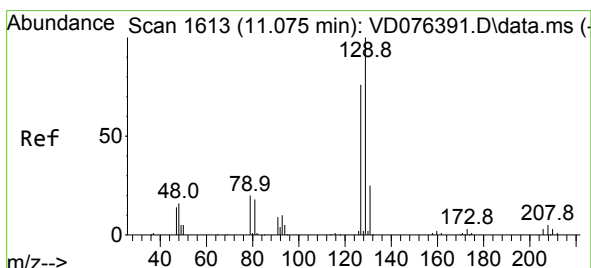
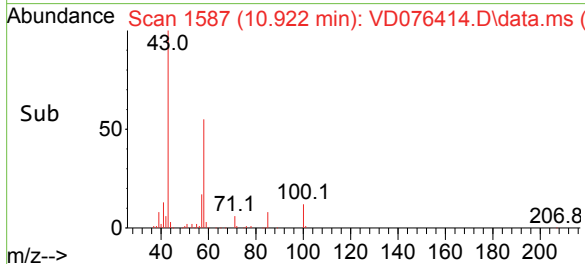
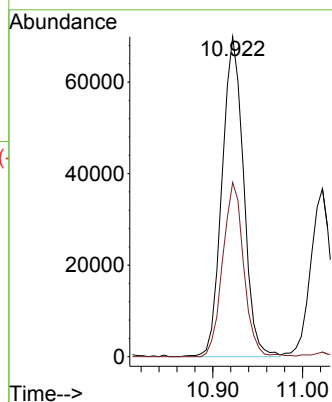
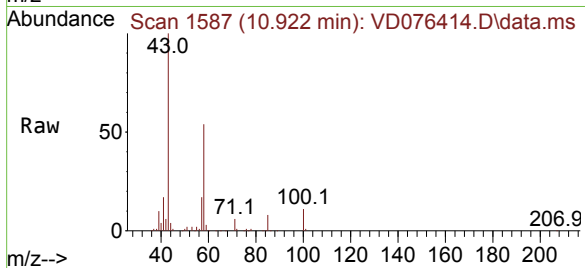




#59
2-Hexanone
Concen: 99.222 ug/l
RT: 10.922 min Scan# 116327
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

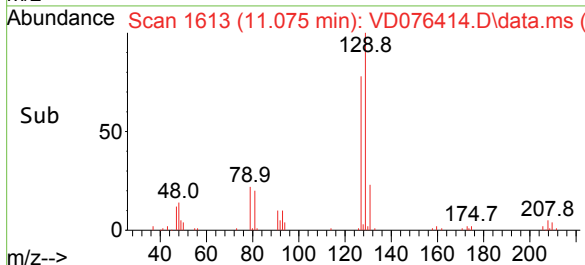
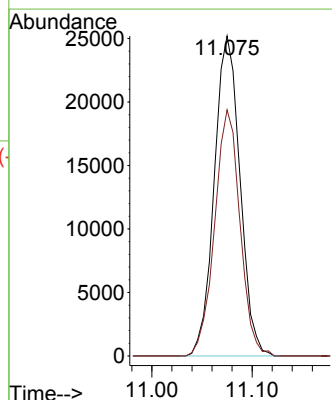
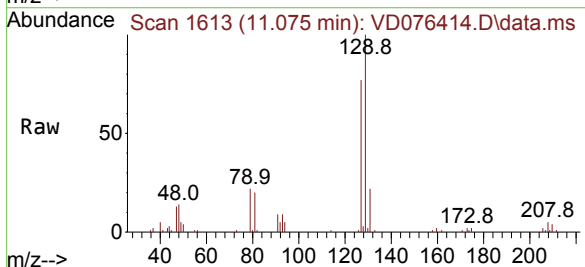
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

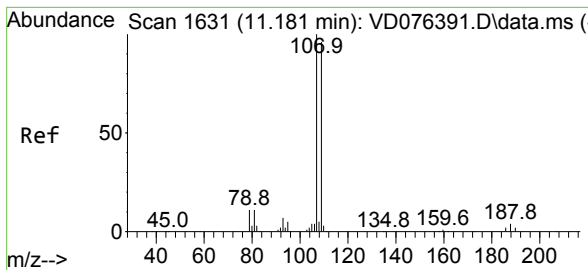
Tgt Ion: 43 Resp: 116327
Ion Ratio Lower Upper
43 100
58 53.3 34.1 102.2



#60
Dibromochloromethane
Concen: 20.837 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion: 129 Resp: 44840
Ion Ratio Lower Upper
129 100
127 75.9 37.1 111.5

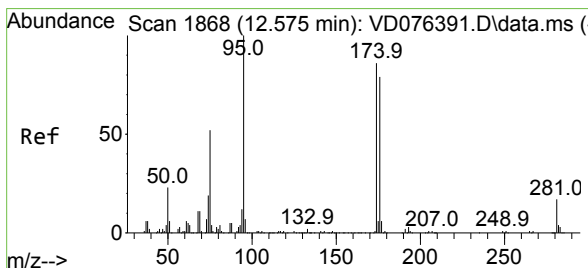
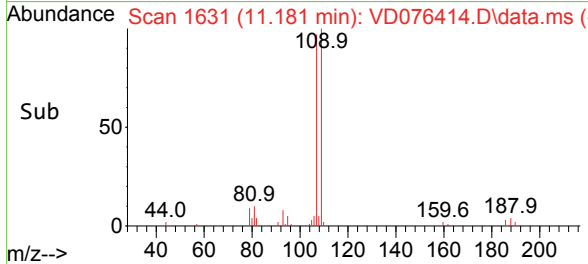
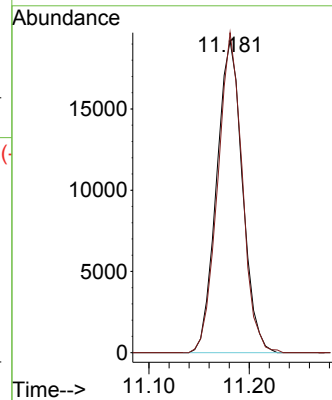
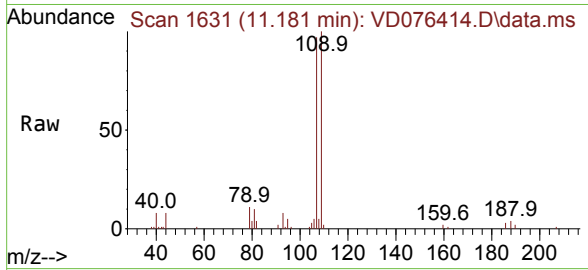




#61
1,2-Dibromoethane
Concen: 20.367 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

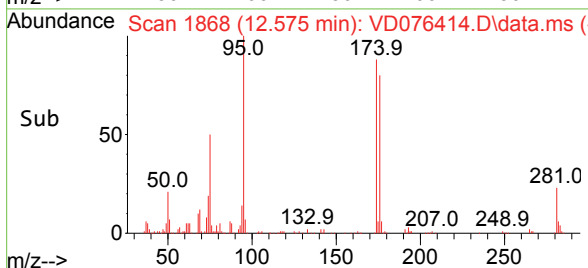
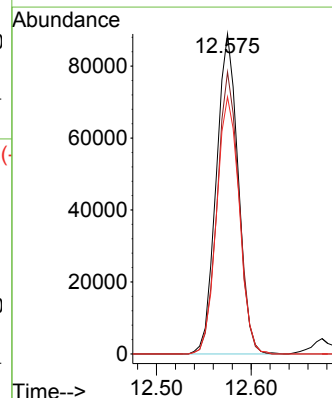
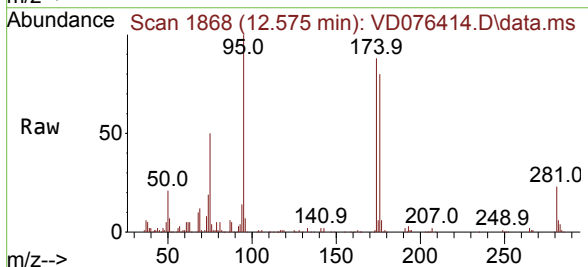
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

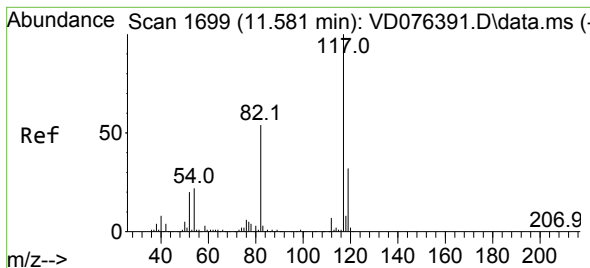
Tgt Ion:107 Resp: 34367
Ion Ratio Lower Upper
107 100
109 97.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.530 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion: 95 Resp: 142873
Ion Ratio Lower Upper
95 100
174 87.4 0.0 201.8
176 83.0 0.0 191.8

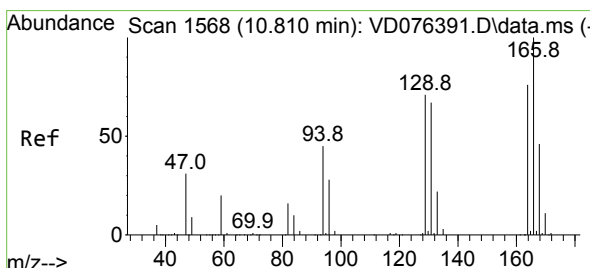
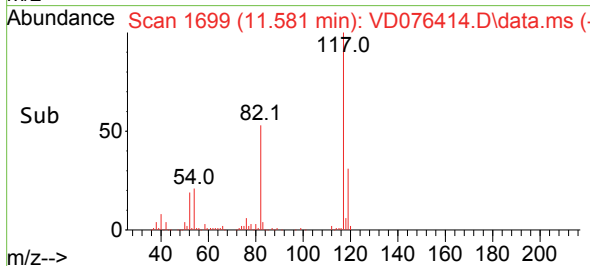
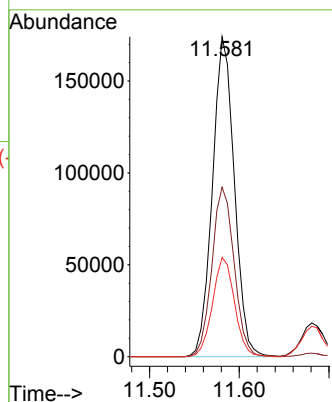
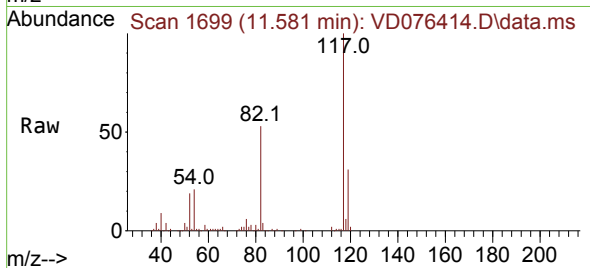




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

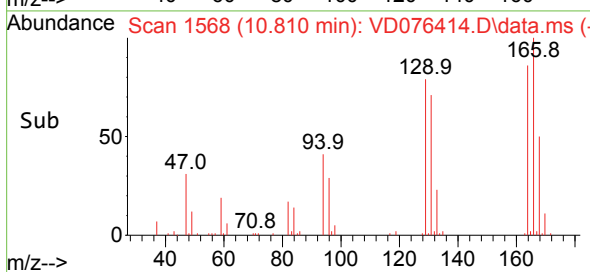
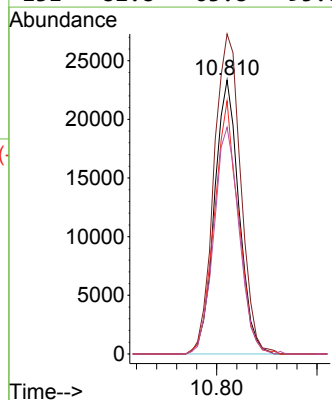
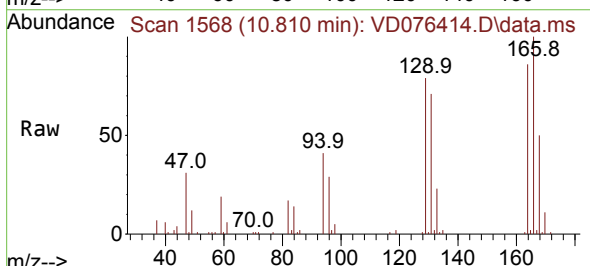
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

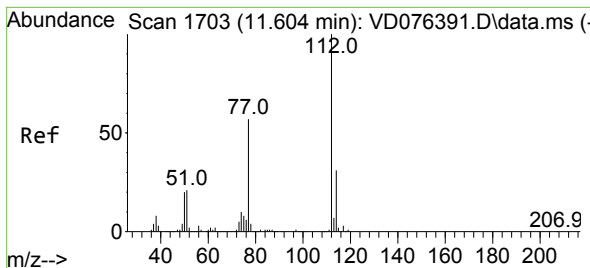
Tgt Ion:117 Resp: 294789
Ion Ratio Lower Upper
117 100
82 53.0 38.3 57.5
119 31.0 25.0 37.4



#64
Tetrachloroethene
Concen: 19.566 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion:164 Resp: 39597
Ion Ratio Lower Upper
164 100
166 116.8 99.2 148.8
129 92.4 68.4 102.6
131 82.8 63.8 95.8





#65

Chlorobenzene

Concen: 19.585 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

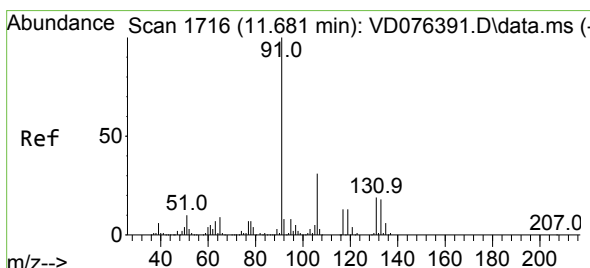
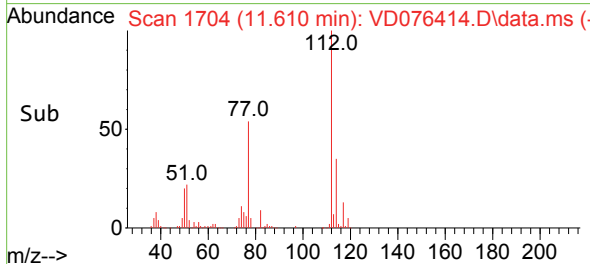
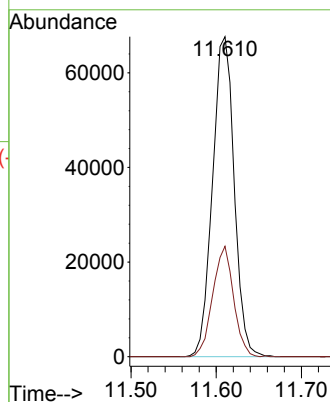
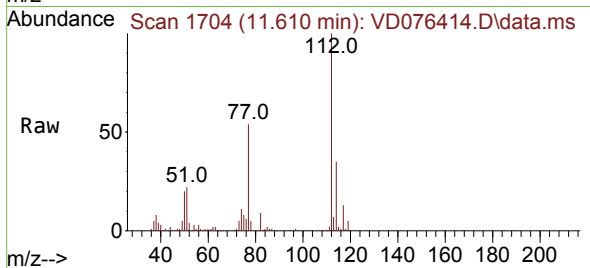
VD0614SBSD01

Tgt Ion:112 Resp: 119674

Ion Ratio Lower Upper

112 100

114 34.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 19.338 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

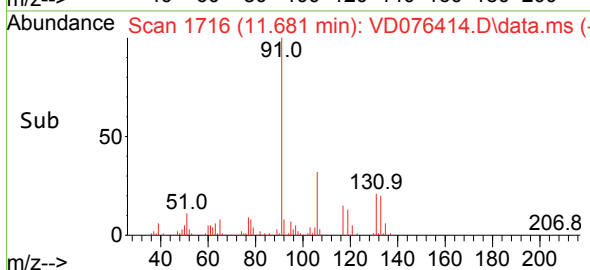
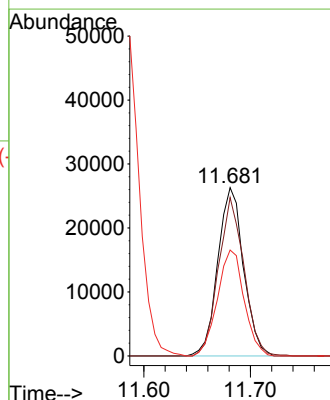
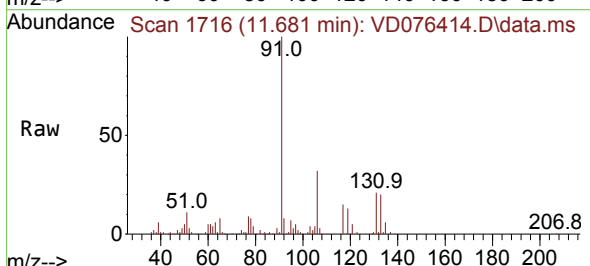
Tgt Ion:131 Resp: 44182

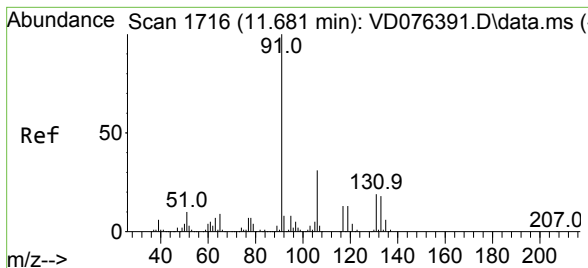
Ion Ratio Lower Upper

131 100

133 93.0 48.5 145.5

119 65.2 35.6 106.9





#67

Ethyl Benzene

Concen: 18.968 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

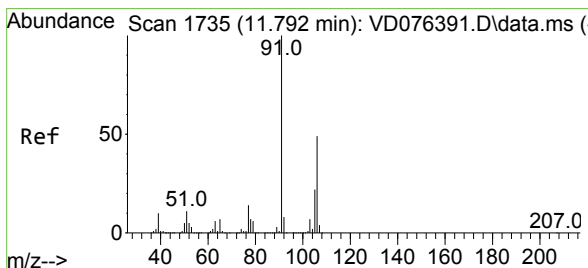
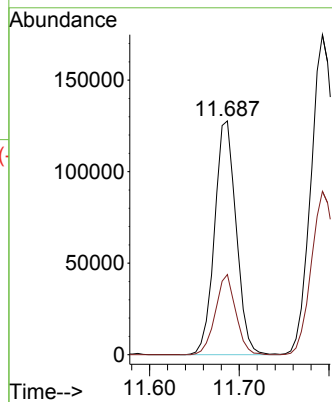
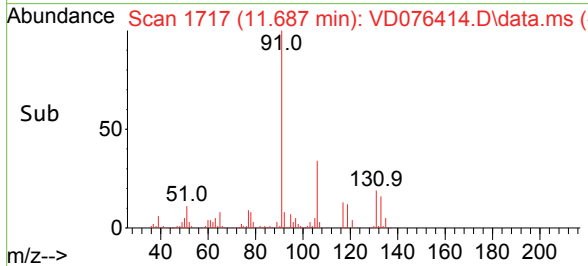
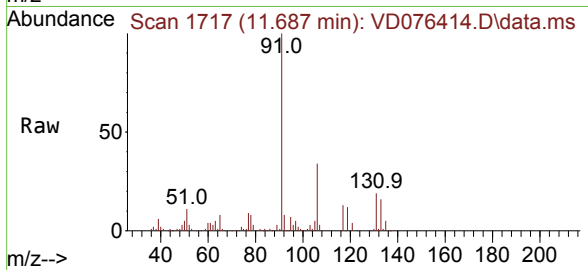
VD0614SBSD01

Tgt Ion: 91 Resp: 213468

Ion Ratio Lower Upper

91 100

106 34.3 26.5 39.7



#68

m/p-Xylenes

Concen: 39.648 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD076414.D

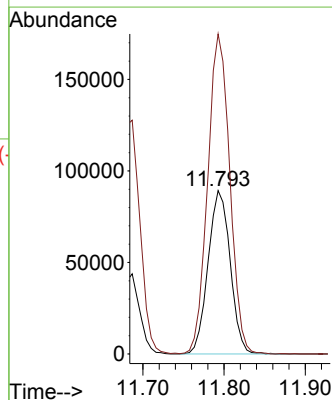
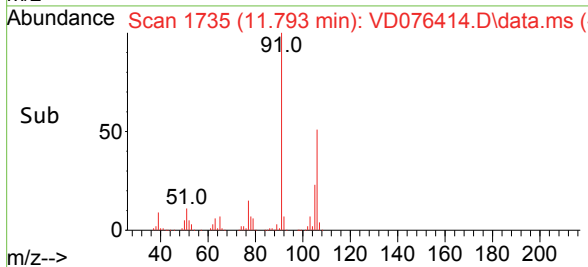
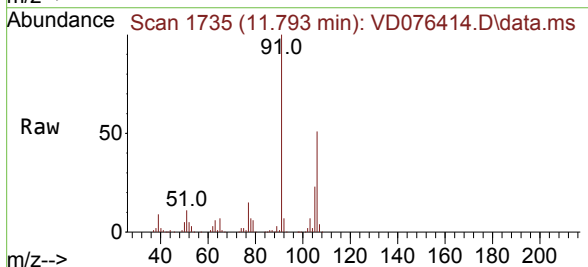
Acq: 14 Jun 2023 13:05

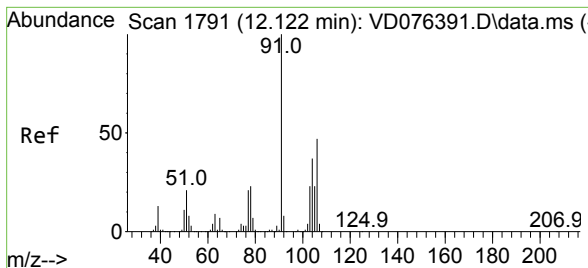
Tgt Ion: 106 Resp: 168832

Ion Ratio Lower Upper

106 100

91 195.9 147.0 220.6

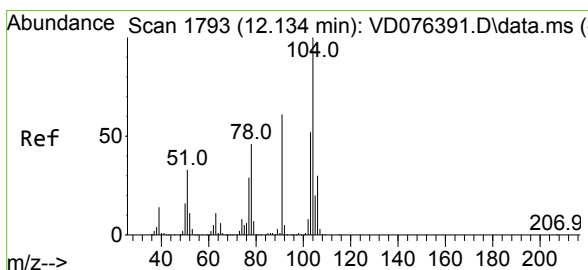
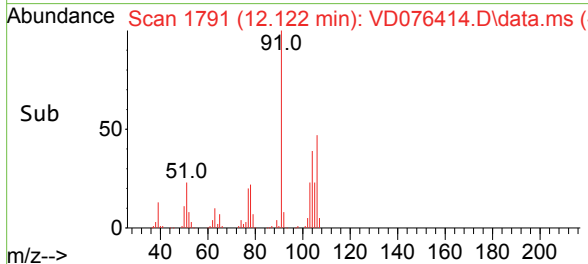
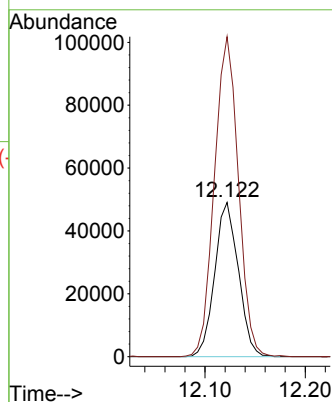
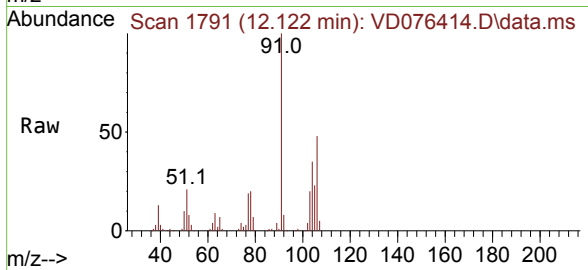




#69
o-Xylene
Concen: 19.647 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

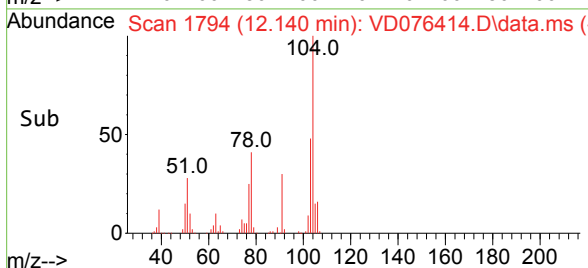
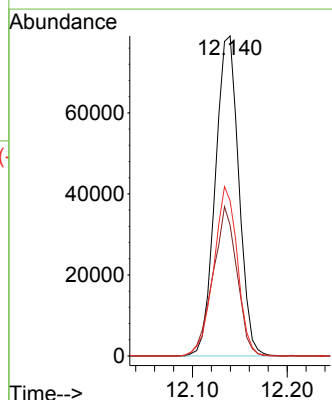
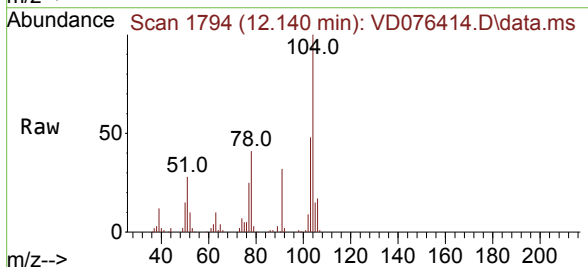
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

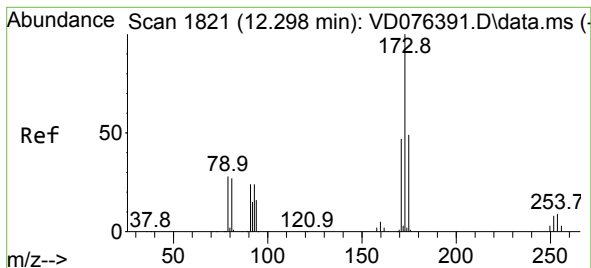
Tgt Ion:106 Resp: 80366
Ion Ratio Lower Upper
106 100
91 210.6 97.9 293.6



#70
Styrene
Concen: 19.525 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion:104 Resp: 136266
Ion Ratio Lower Upper
104 100
78 47.8 33.2 49.8
103 53.5 43.6 65.4





#71

Bromoform

Concen: 19.470 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBSD01

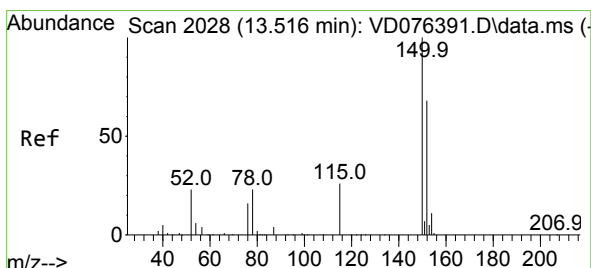
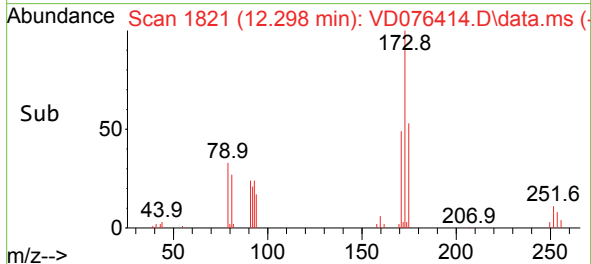
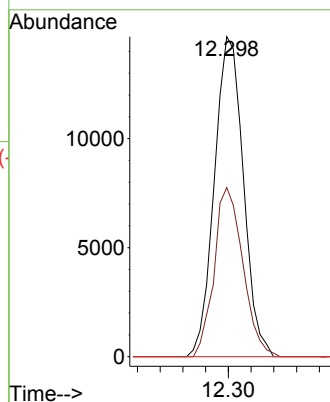
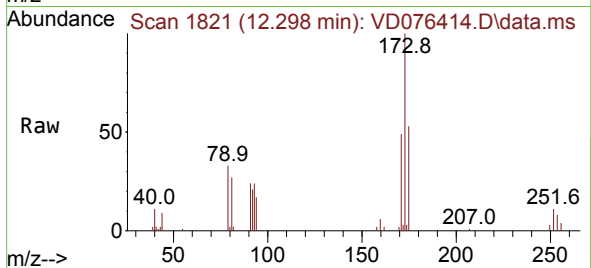
Tgt Ion:173 Resp: 25947

Ion Ratio Lower Upper

173 100

175 52.5 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

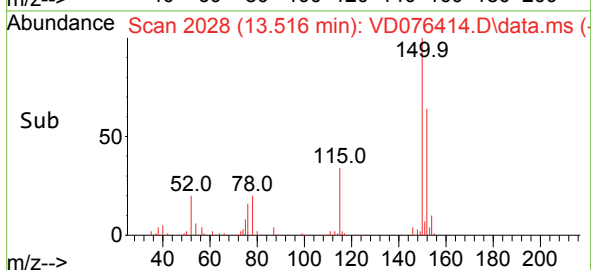
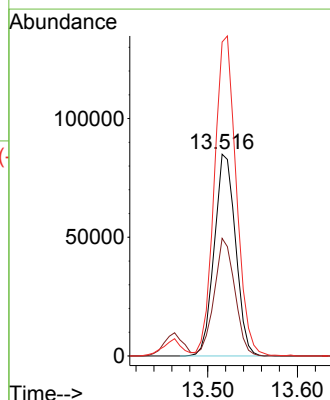
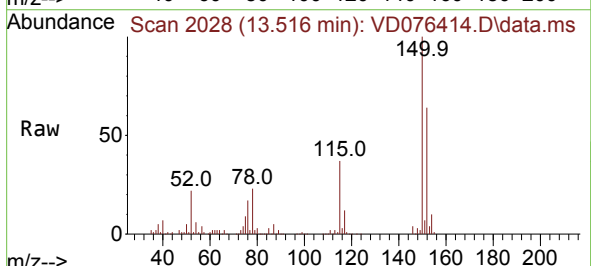
Tgt Ion:152 Resp: 139919

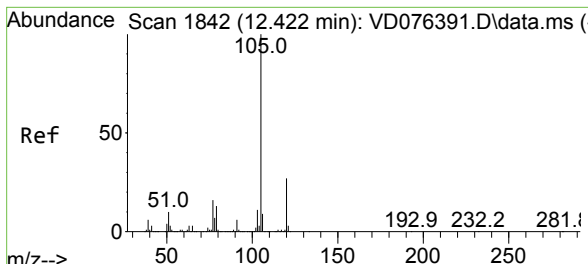
Ion Ratio Lower Upper

152 100

115 56.4 27.1 81.3

150 163.7 0.0 353.6

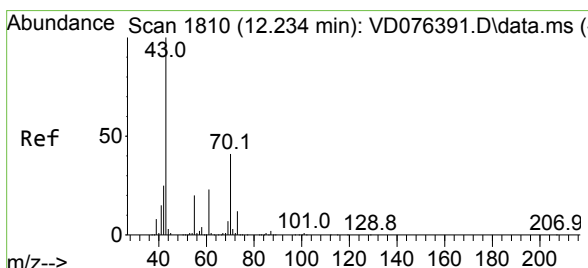
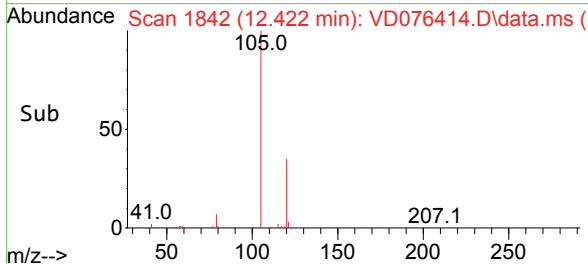
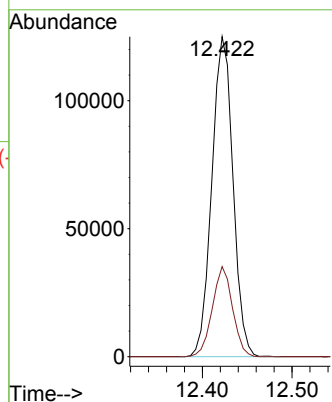
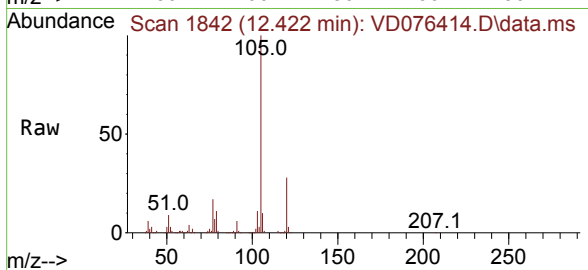




#73
Isopropylbenzene
Concen: 19.319 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

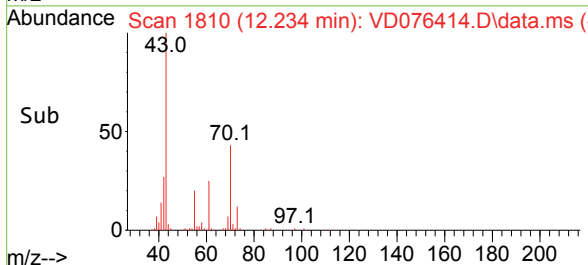
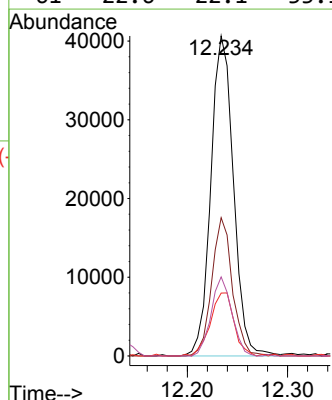
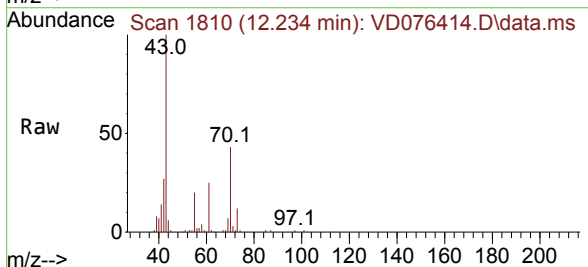
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

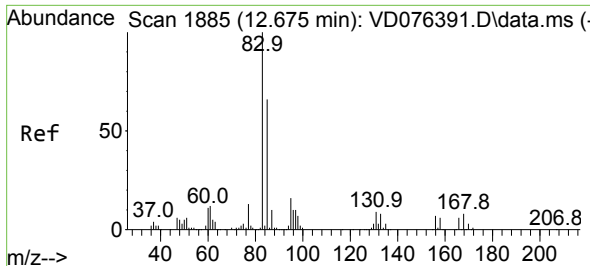
Tgt Ion:105 Resp: 204423
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9



#74
N-ethyl acetate
Concen: 19.769 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion: 43 Resp: 63795
Ion Ratio Lower Upper
43 100
70 39.6 45.0 67.4#
55 20.7 23.8 35.6#
61 22.6 22.1 33.1

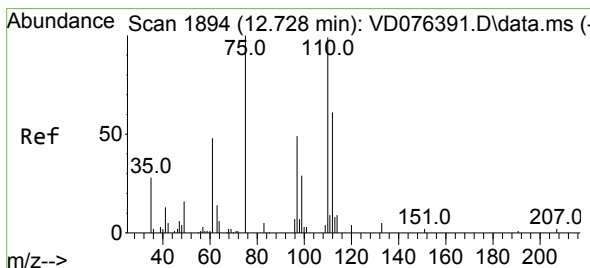
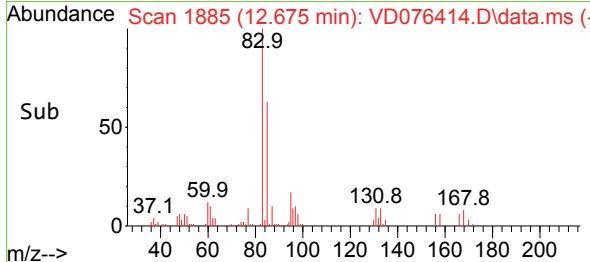
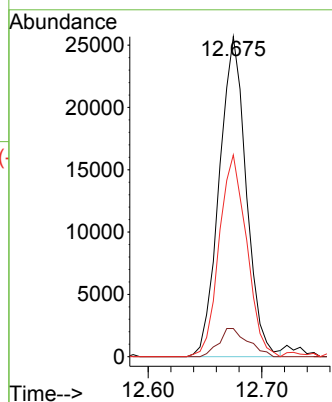
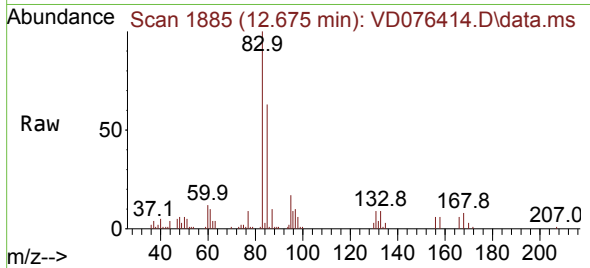




#75
1,1,2,2-Tetrachloroethane
Concen: 20.319 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

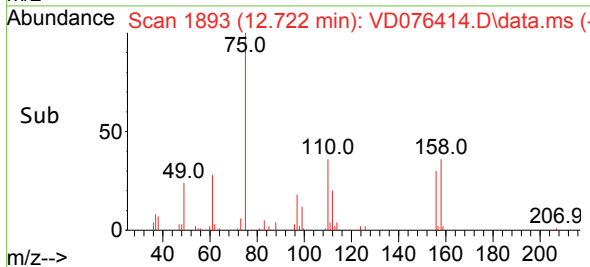
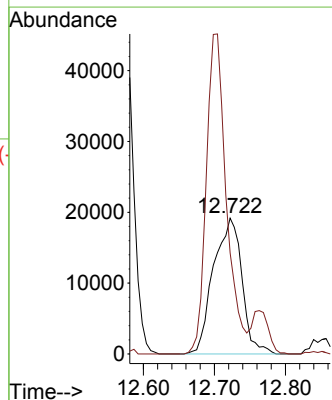
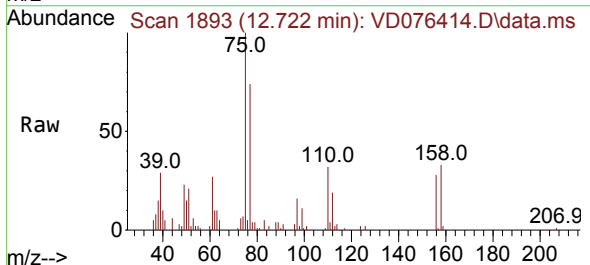
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

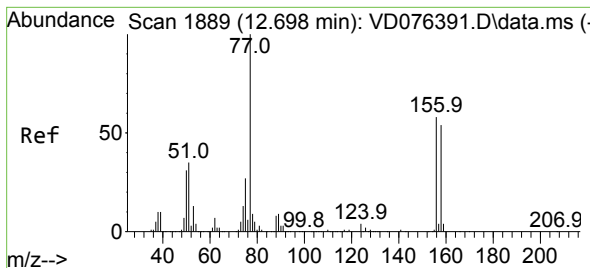
Tgt Ion: 83 Resp: 42458
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.3
85 64.0 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 40.828 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion: 75 Resp: 53406
Ion Ratio Lower Upper
75 100
77 166.7 0.0 0.0#





#77

Bromobenzene

Concen: 20.090 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBSD01

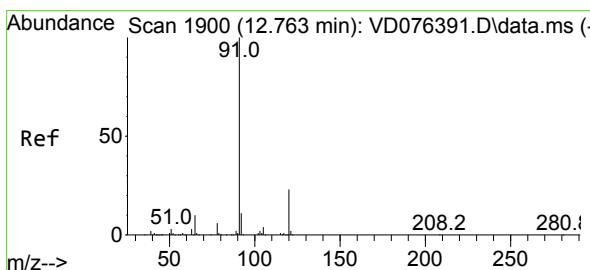
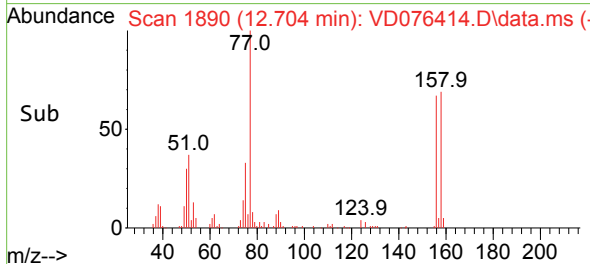
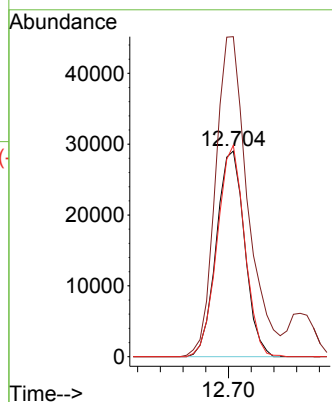
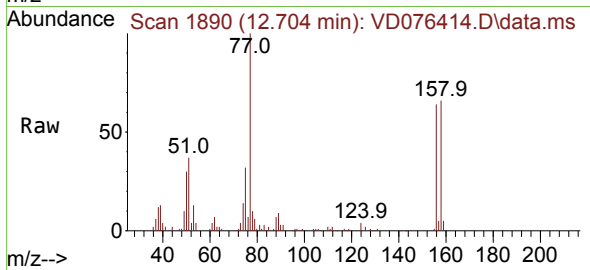
Tgt Ion:156 Resp: 50157

Ion Ratio Lower Upper

156 100

77 177.5 76.8 230.4

158 99.8 48.6 145.9



#78

n-propylbenzene

Concen: 19.538 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076414.D

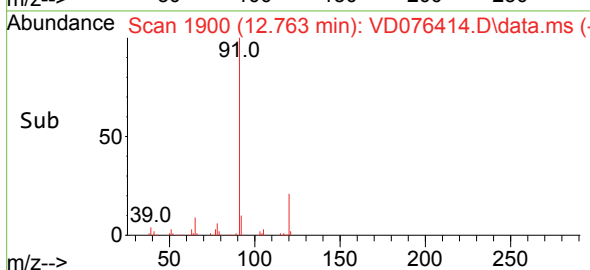
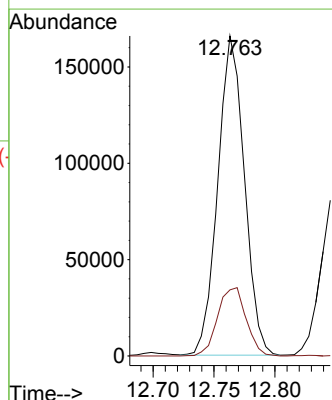
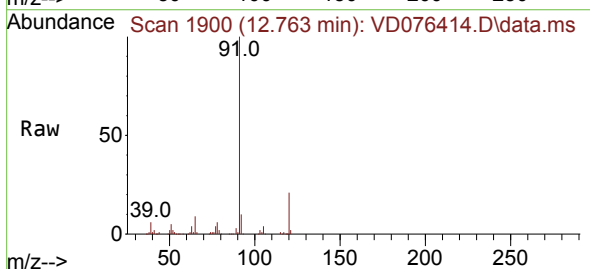
Acq: 14 Jun 2023 13:05

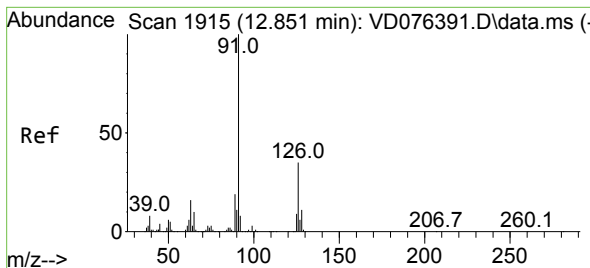
Tgt Ion: 91 Resp: 252005

Ion Ratio Lower Upper

91 100

120 22.9 12.4 37.2

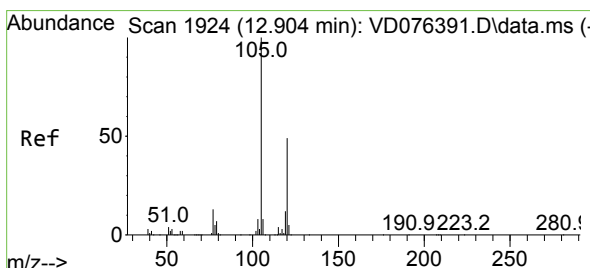
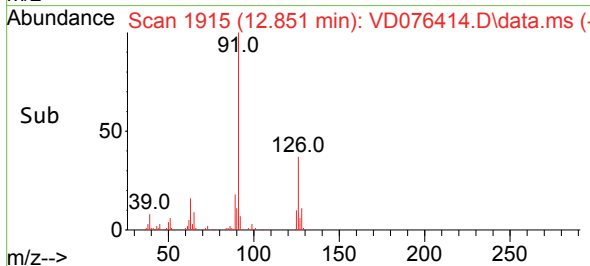
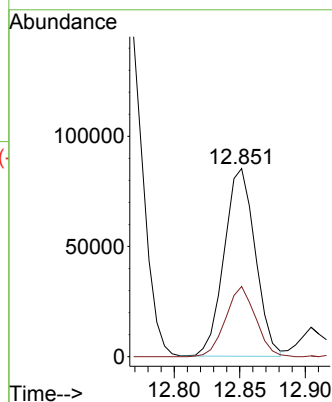
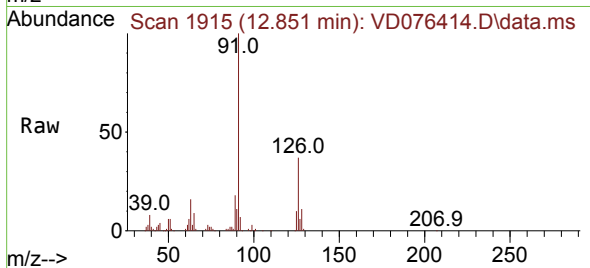




#79
2-Chlorotoluene
Concen: 19.267 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

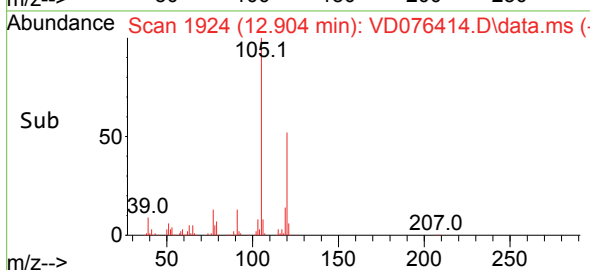
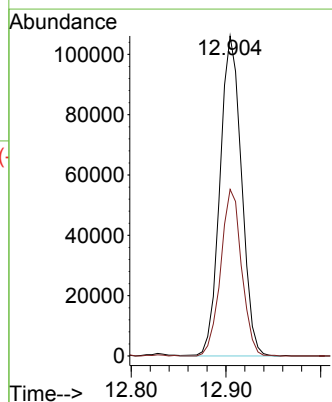
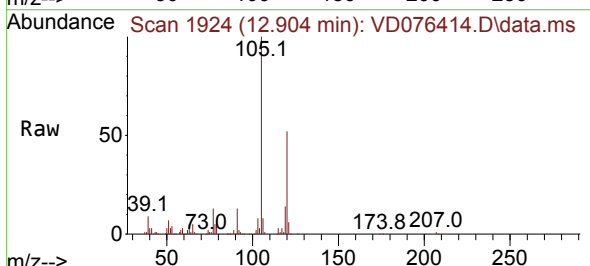
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

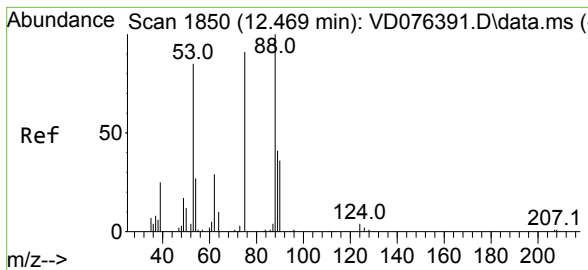
Tgt Ion: 91 Resp: 140622
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.010 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion: 105 Resp: 167898
Ion Ratio Lower Upper
105 100
120 50.6 26.4 79.2

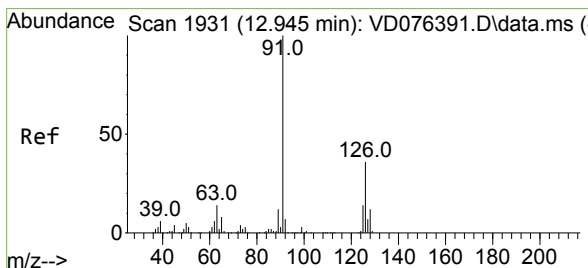
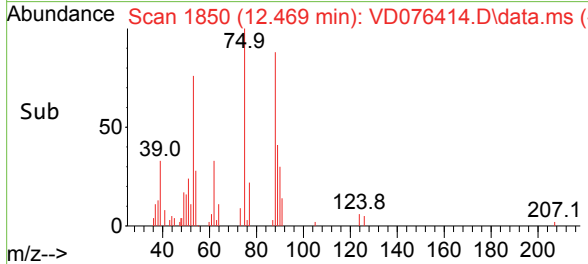
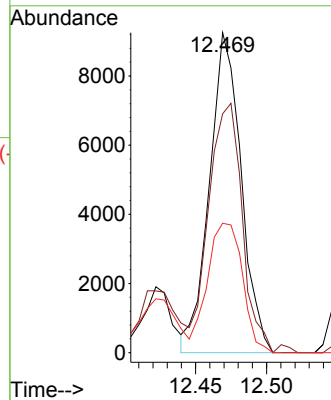
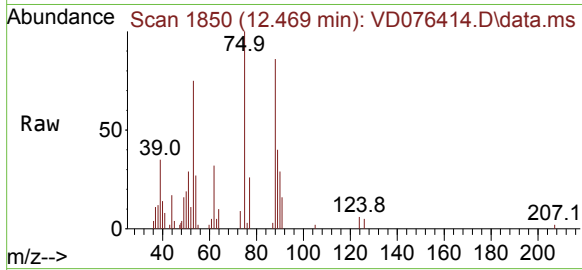




#81
trans-1,4-Dichloro-2-butene
Concen: 19.603 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

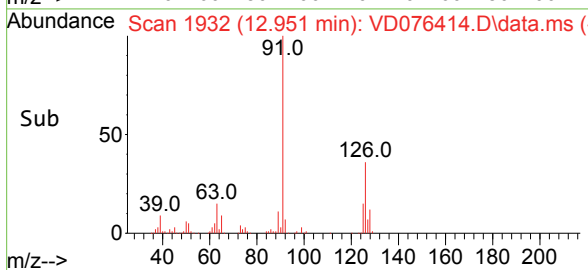
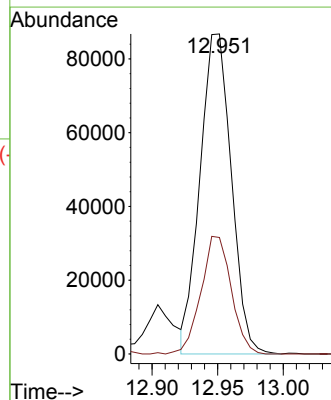
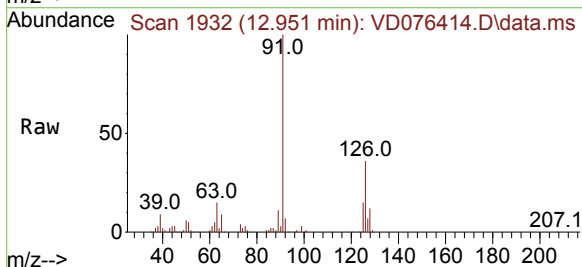
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

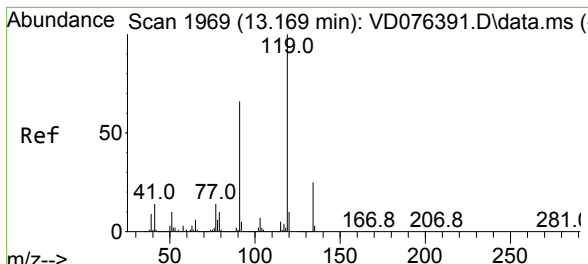
Tgt Ion: 75 Resp: 14322
Ion Ratio Lower Upper
75 100
53 82.9 63.0 94.4
89 44.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 18.873 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion: 91 Resp: 144252
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.4

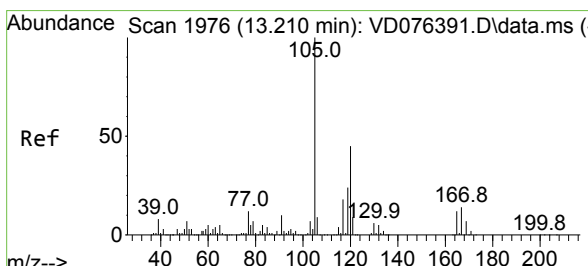
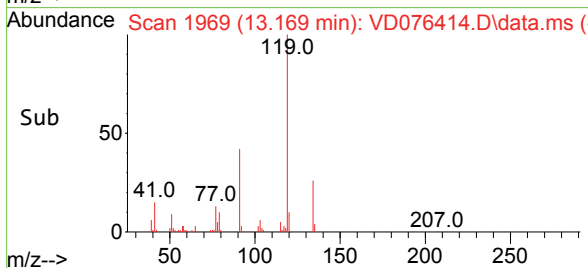
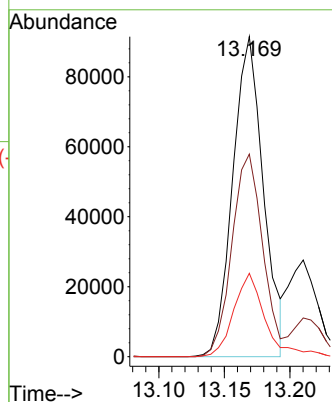
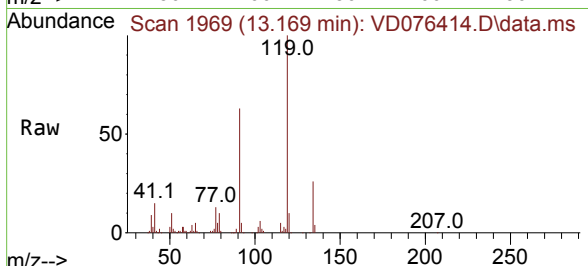




#83
 tert-Butylbenzene
 Concen: 19.633 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD076414.D
 Acq: 14 Jun 2023 13:05

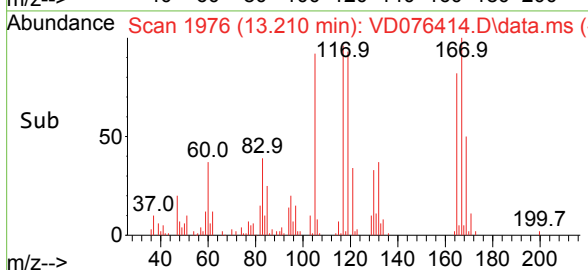
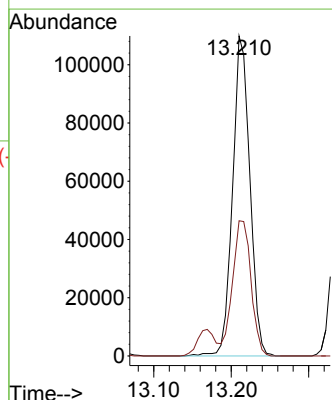
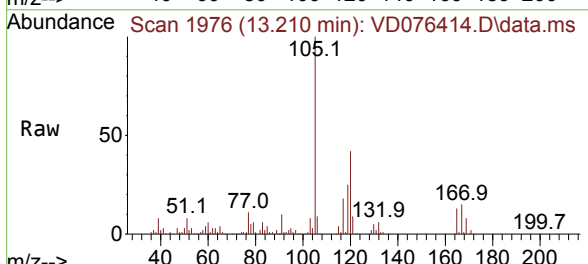
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0614SBSD01

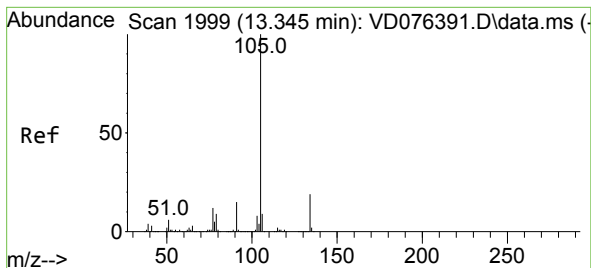
Tgt Ion:	119	Resp:	148805
Ion	Ratio	Lower	Upper
119	100		
91	64.7	29.3	87.8
134	26.8	14.1	42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.508 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD076414.D
 Acq: 14 Jun 2023 13:05

Tgt Ion:	105	Resp:	170230
Ion	Ratio	Lower	Upper
105	100		
120	45.1	24.3	72.9





#85

sec-Butylbenzene

Concen: 19.455 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

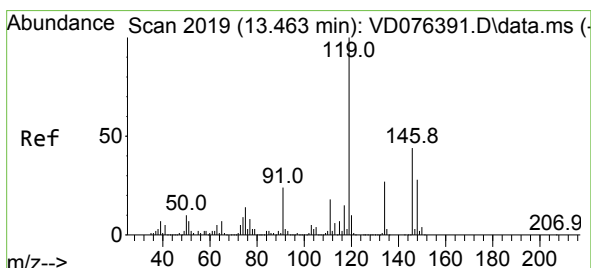
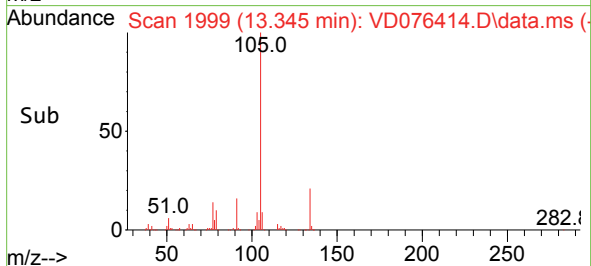
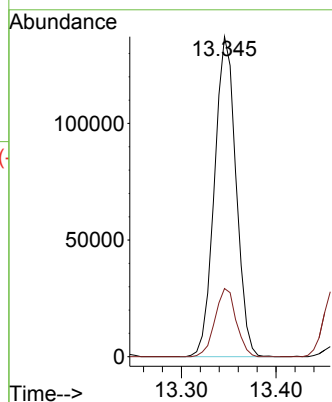
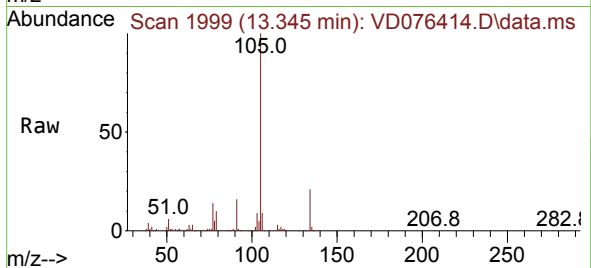
VD0614SBS01

Tgt Ion:105 Resp: 217030

Ion Ratio Lower Upper

105 100

134 20.9 10.9 32.9



#86

p-Isopropyltoluene

Concen: 19.243 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

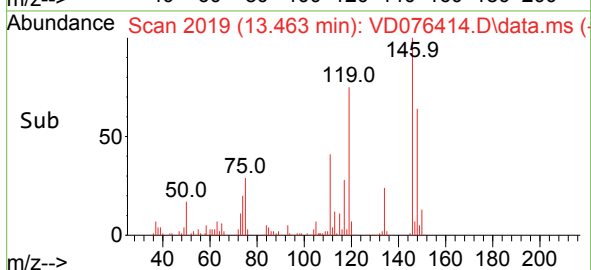
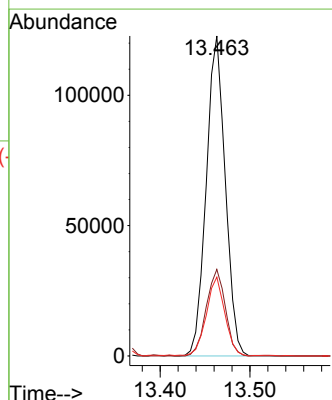
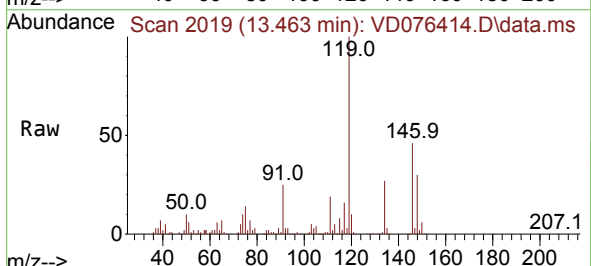
Tgt Ion:119 Resp: 180758

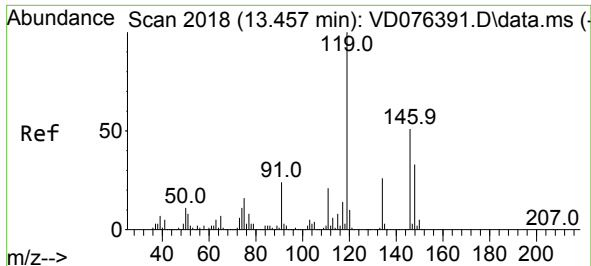
Ion Ratio Lower Upper

119 100

134 27.0 14.2 42.6

91 23.7 10.5 31.5

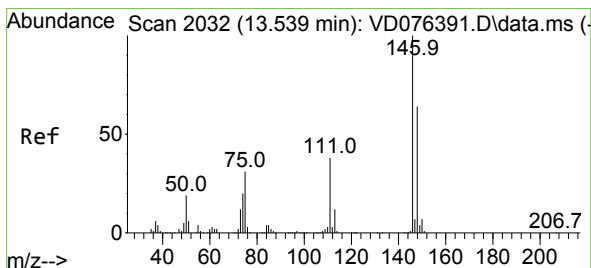
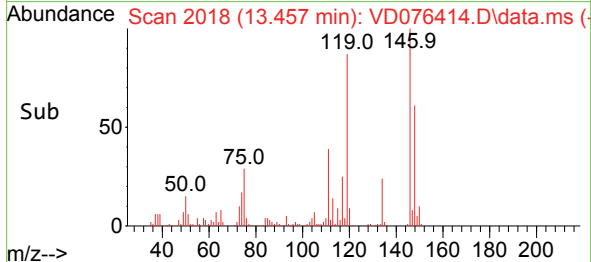
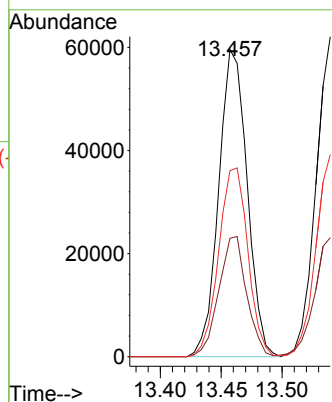
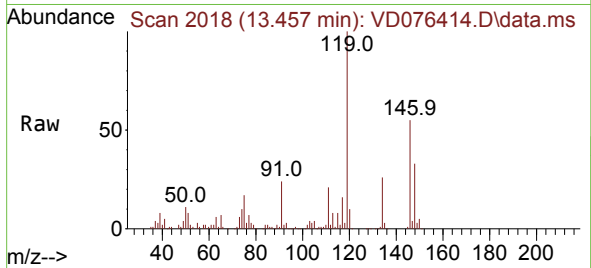




#87
1,3-Dichlorobenzene
Concen: 20.060 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

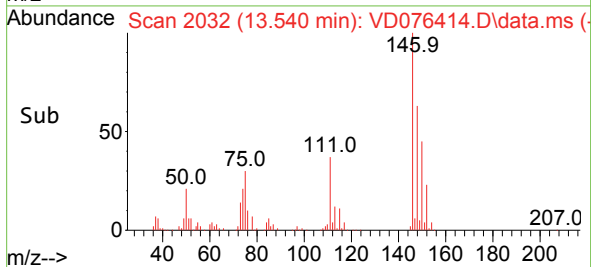
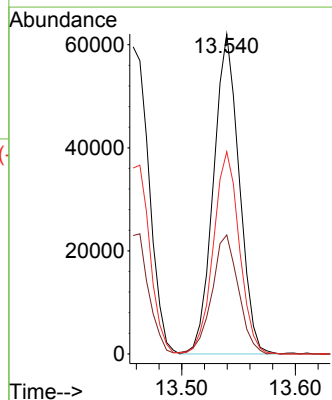
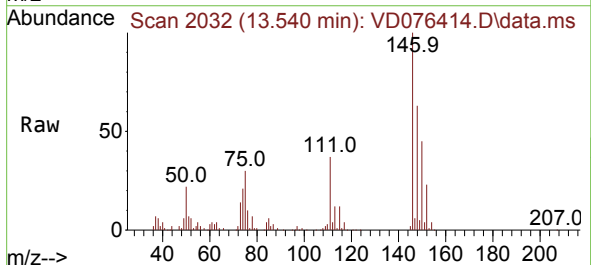
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

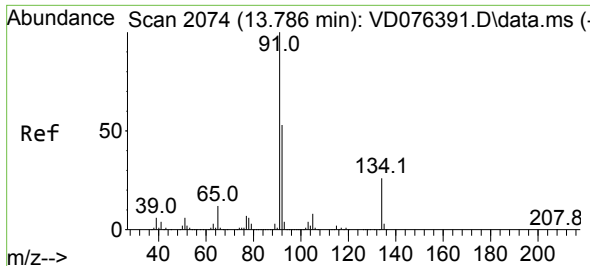
Tgt Ion:146 Resp: 96923
Ion Ratio Lower Upper
146 100
111 38.3 17.9 53.8
148 63.2 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.446 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion:146 Resp: 97630
Ion Ratio Lower Upper
146 100
111 38.5 17.4 52.3
148 63.9 31.7 95.1

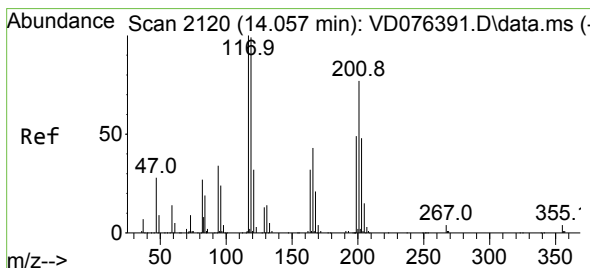
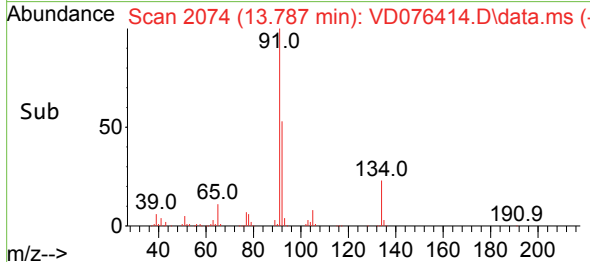
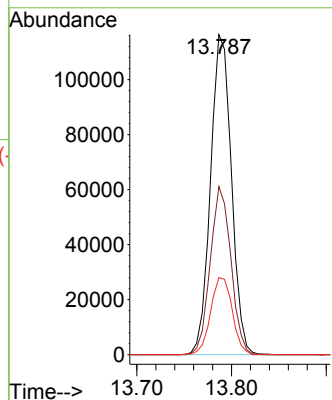
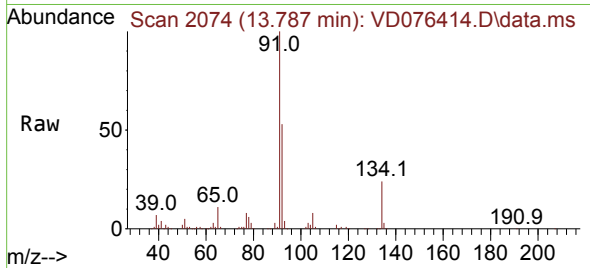




#89
n-Butylbenzene
Concen: 19.742 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

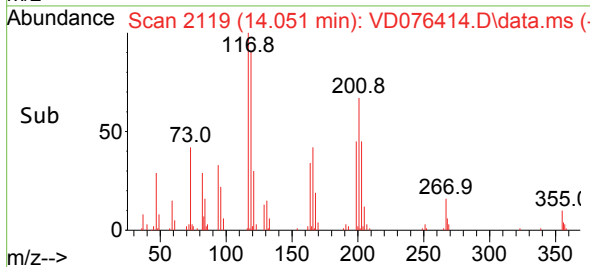
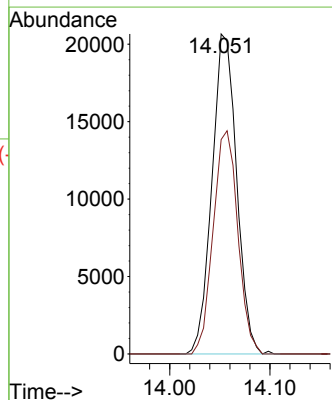
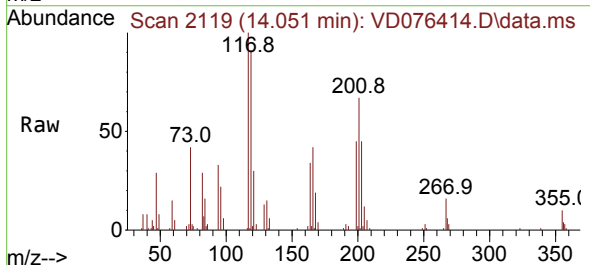
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

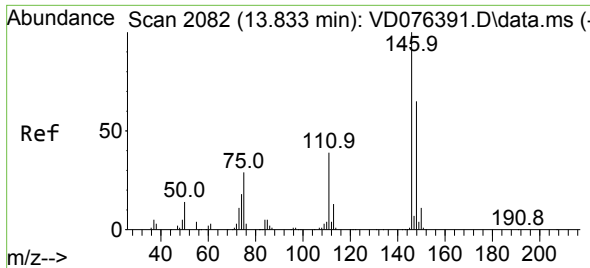
Tgt Ion: 91 Resp: 178171
Ion Ratio Lower Upper
91 100
92 52.1 26.5 79.5
134 25.0 13.8 41.3



#90
Hexachloroethane
Concen: 20.386 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion: 117 Resp: 35338
Ion Ratio Lower Upper
117 100
201 69.6 38.5 115.5

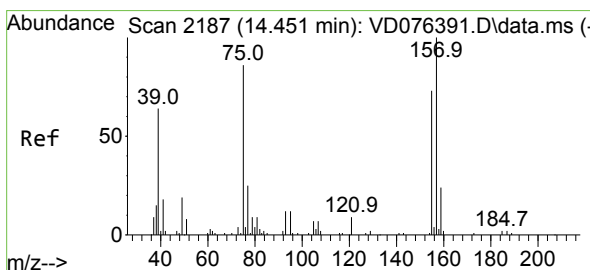
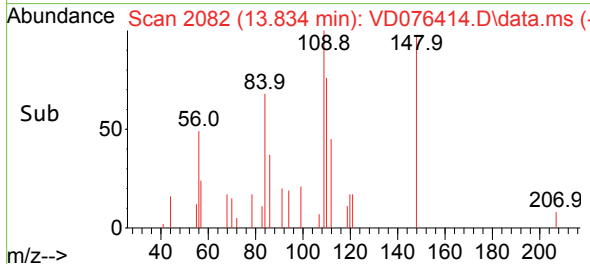
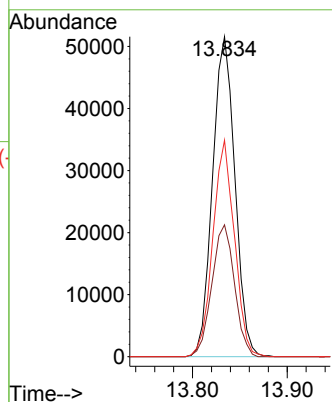
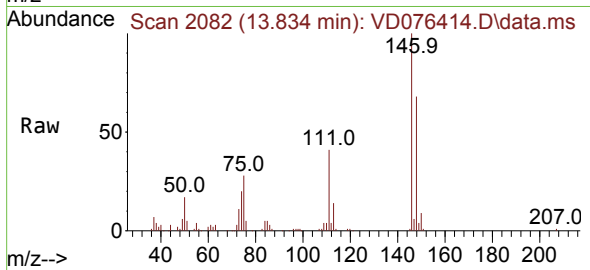




#91
1,2-Dichlorobenzene
Concen: 19.929 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

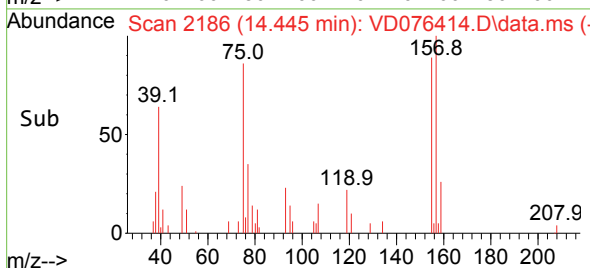
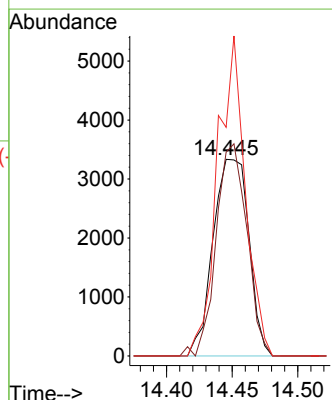
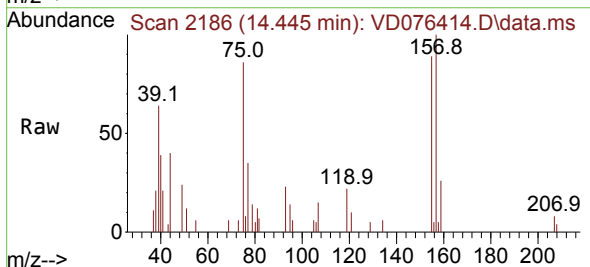
Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

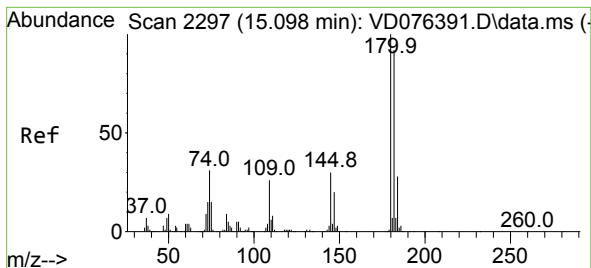
Tgt Ion:146 Resp: 84685
Ion Ratio Lower Upper
146 100
111 41.7 18.3 54.8
148 65.4 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.476 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion: 75 Resp: 6342
Ion Ratio Lower Upper
75 100
155 92.2 47.9 143.8
157 125.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.522 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

Instrument :

MSVOA_D

ClientSampleId :

VD0614SBSD01

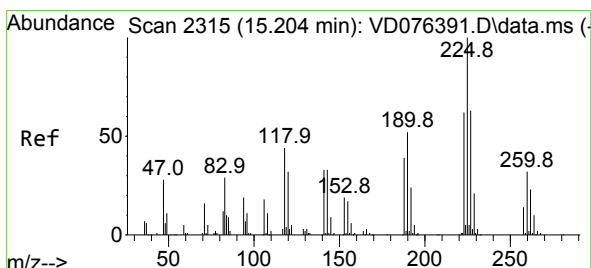
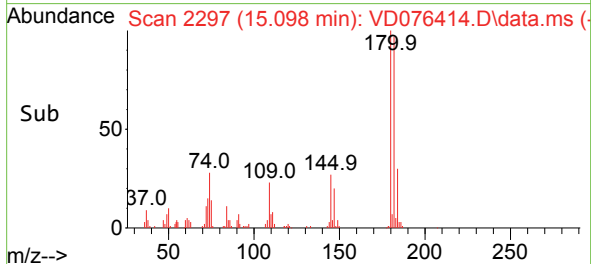
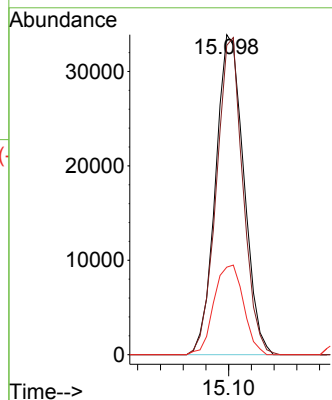
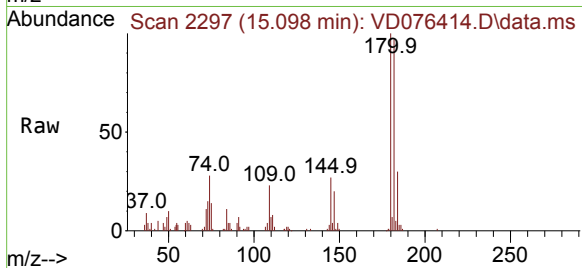
Tgt Ion:180 Resp: 58364

Ion Ratio Lower Upper

180 100

182 93.2 48.5 145.6

145 29.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.416 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076414.D

Acq: 14 Jun 2023 13:05

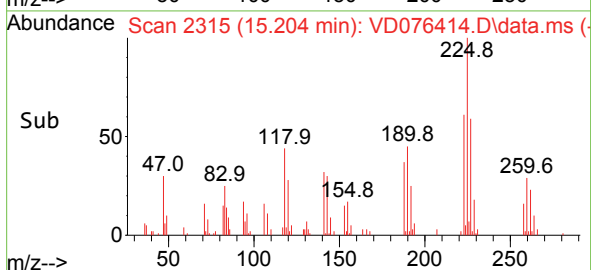
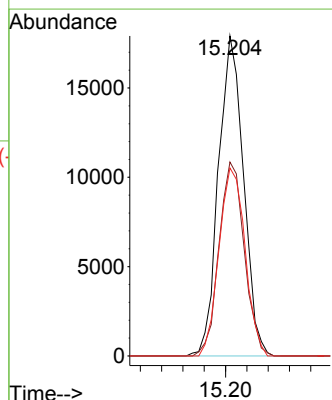
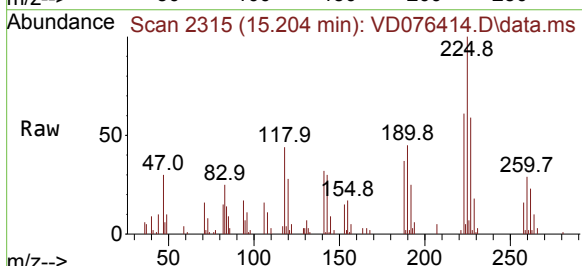
Tgt Ion:225 Resp: 29212

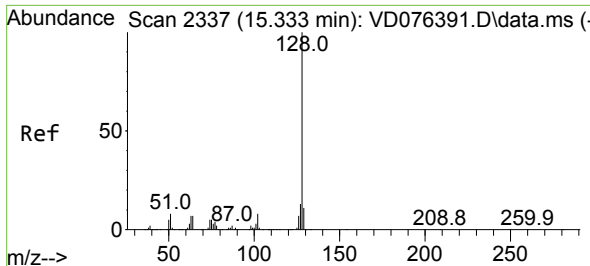
Ion Ratio Lower Upper

225 100

223 61.3 31.6 94.8

227 61.0 31.7 95.1

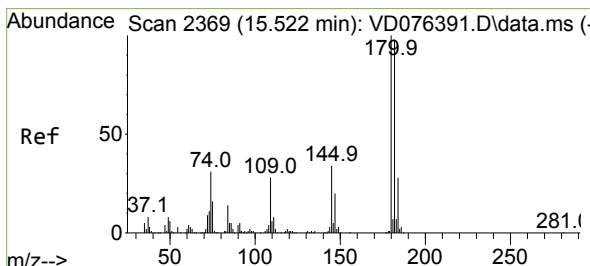
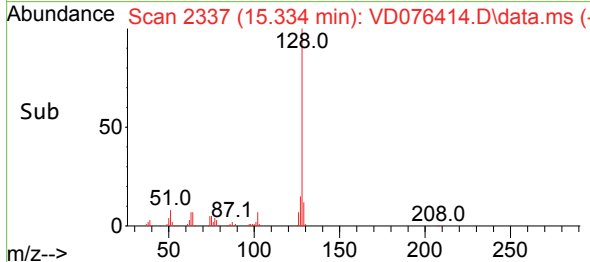
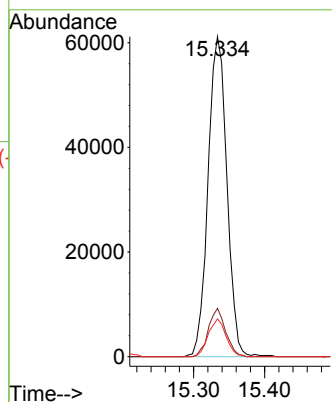
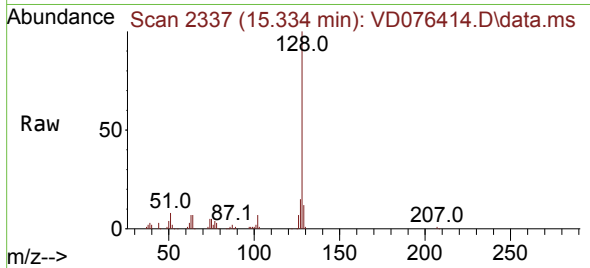




#95
Naphthalene
Concen: 19.750 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Instrument :
MSVOA_D
ClientSampleId :
VD0614SBSD01

Tgt Ion:128 Resp: 112792
Ion Ratio Lower Upper
128 100
127 15.1 10.5 15.7
129 11.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.456 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD076414.D
Acq: 14 Jun 2023 13:05

Tgt Ion:180 Resp: 50246
Ion Ratio Lower Upper
180 100
182 95.8 47.3 141.9
145 29.9 15.1 45.3

