

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080823\
 Data File : VD076951.D
 Acq On : 08 Aug 2023 13:35
 Operator : KP/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 09 05:40:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 05:34:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	180446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	326839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	307127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146189	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	32179	22.606	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	45.220%#
35) Dibromofluoromethane	7.799	113	40332	22.953	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	45.900%#
50) Toluene-d8	10.269	98	130288	23.086	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	46.180%#
62) 4-Bromofluorobenzene	12.575	95	44093	22.349	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	44.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	21980	21.734	ug/l	93
3) Chloromethane	2.146	50	31570	20.625	ug/l	98
4) Vinyl Chloride	2.275	62	45322	20.094	ug/l	93
5) Bromomethane	2.675	94	41562	20.373	ug/l	99
6) Chloroethane	2.822	64	37598	20.290	ug/l	95
7) Trichlorofluoromethane	3.169	101	49346	20.083	ug/l	96
8) Diethyl Ether	3.587	74	15753	19.925	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	33193	19.727	ug/l	97
10) Methyl Iodide	4.158	142	30416	18.770	ug/l	90
11) Tert butyl alcohol	5.063	59	11924	112.268	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	26954	19.518	ug/l	94
13) Acrolein	3.793	56	6568	194.572	ug/l	98
14) Allyl chloride	4.558	41	33987	20.039	ug/l	91
15) Acrylonitrile	5.258	53	41861	106.478	ug/l	97
16) Acetone	4.022	43	32823	99.103	ug/l	87
17) Carbon Disulfide	4.263	76	45352	19.400	ug/l	100
18) Methyl Acetate	4.558	43	27746	20.874	ug/l	90
19) Methyl tert-butyl Ether	5.310	73	78568	20.155	ug/l	96
20) Methylene Chloride	4.799	84	61383	22.583	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	32009	20.291	ug/l	85
22) Diisopropyl ether	6.216	45	90873	20.510	ug/l	97
23) Vinyl Acetate	6.152	43	207933	100.064	ug/l	94
24) 1,1-Dichloroethane	6.105	63	65551	20.699	ug/l	95
25) 2-Butanone	7.087	43	47827	100.448	ug/l	88
26) 2,2-Dichloropropane	7.075	77	57554	20.017	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	44089	20.368	ug/l	98
28) Bromochloromethane	7.422	49	33496	22.131	ug/l	95
29) Tetrahydrofuran	7.452	42	26295	98.898	ug/l	94
30) Chloroform	7.593	83	74518	20.625	ug/l	97
31) Cyclohexane	7.875	56	36897	19.599	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	60496	20.402	ug/l	99
36) 1,1-Dichloropropene	8.004	75	42405	19.516	ug/l	93
37) Ethyl Acetate	7.169	43	17243	17.198	ug/l #	88
38) Carbon Tetrachloride	7.993	117	45290	19.475	ug/l	95
39) Methylcyclohexane	9.269	83	44042	19.131	ug/l	95
40) Benzene	8.252	78	137895	19.737	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11286	20.861	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	38206	20.287	ug/l	97
43) Isopropyl Acetate	8.357	43	38587	20.480	ug/l	94
44) Trichloroethene	9.022	130	39715	20.589	ug/l	95
45) 1,2-Dichloropropane	9.304	63	38878	20.649	ug/l	93
46) Dibromomethane	9.393	93	22529	20.024	ug/l	92
47) Bromodichloromethane	9.587	83	59031	20.454	ug/l	94
48) Methyl methacrylate	9.381	41	16675	20.127	ug/l #	84
49) 1,4-Dioxane	9.381	88	4957	376.951	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	107328	103.200	ug/l	91
52) Toluene	10.334	92	90793	19.787	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	50683	20.130	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	58366	19.987	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	34648	20.752	ug/l	97
56) Ethyl methacrylate	10.598	69	34404	19.881	ug/l	94
57) 1,3-Dichloropropane	10.881	76	52231	20.136	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	70849	108.908	ug/l	98
59) 2-Hexanone	10.922	43	72856	102.914	ug/l	92
60) Dibromochloromethane	11.075	129	39706	19.719	ug/l	93
61) 1,2-Dibromoethane	11.181	107	29622	19.950	ug/l	97
64) Tetrachloroethene	10.810	164	30340	19.625	ug/l	96
65) Chlorobenzene	11.604	112	108383	19.947	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	41329	19.276	ug/l	98
67) Ethyl Benzene	11.687	91	180385	19.678	ug/l	94
68) m/p-Xylenes	11.793	106	138938	39.024	ug/l	92
69) o-Xylene	12.122	106	65084	19.062	ug/l	88
70) Styrene	12.134	104	120403	19.781	ug/l	98
71) Bromoform	12.298	173	22822	19.200	ug/l #	99
73) Isopropylbenzene	12.422	105	179755	19.540	ug/l	96
74) N-amyl acetate	12.234	43	37082	20.232	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	43052	21.239	ug/l	94
76) 1,2,3-Trichloropropane	12.722	75	46415	33.845	ug/l #	100
77) Bromobenzene	12.704	156	42955	19.189	ug/l	89
78) n-propylbenzene	12.763	91	221637	19.806	ug/l	95
79) 2-Chlorotoluene	12.851	91	121537	19.754	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	147773	19.790	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	11243	19.261	ug/l	98
82) 4-Chlorotoluene	12.945	91	129794	20.157	ug/l	96
83) tert-Butylbenzene	13.169	119	130215	19.018	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	150219	19.743	ug/l	97
85) sec-Butylbenzene	13.345	105	204066	19.729	ug/l	96
86) p-Isopropyltoluene	13.463	119	166302	19.466	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	92643	19.952	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	91955	19.864	ug/l	97
89) n-Butylbenzene	13.787	91	158951	19.532	ug/l	97
90) Hexachloroethane	14.057	117	35030	20.291	ug/l	86
91) 1,2-Dichlorobenzene	13.834	146	82036	19.872	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5663	20.547	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	47525	18.613	ug/l	97
94) Hexachlorobutadiene	15.204	225	24233	18.971	ug/l	97
95) Naphthalene	15.333	128	98984	19.061	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	43850	19.262	ug/l	100

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QLast Update : Wed Aug 09 05:34:08 2023
Response via : Initial Calibration

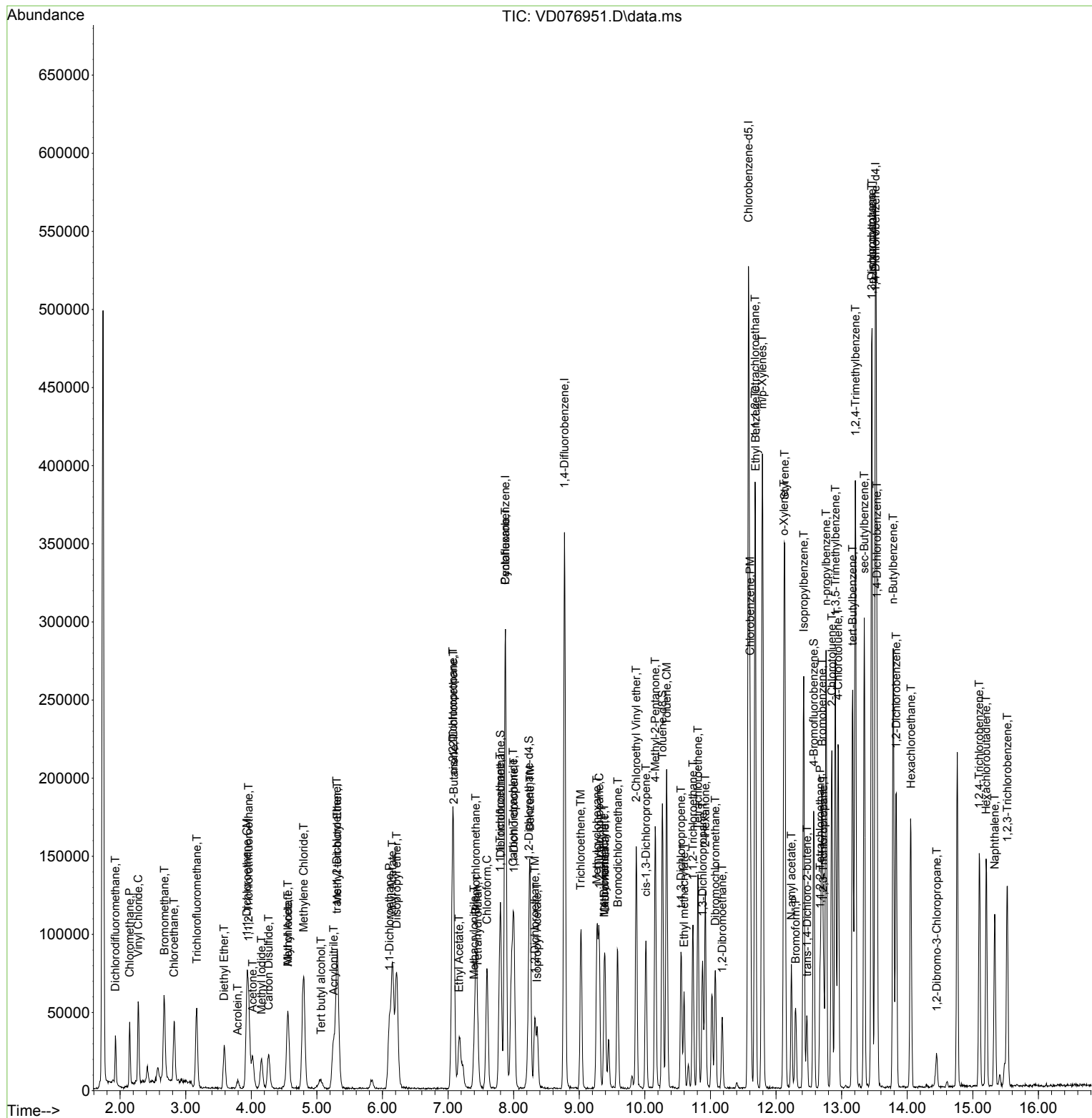
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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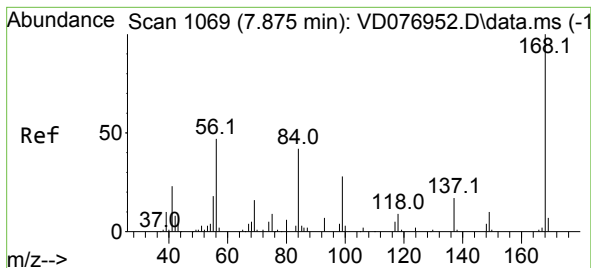
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076951.D

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Instrument :

MSVOA_D

ClientSampleId :

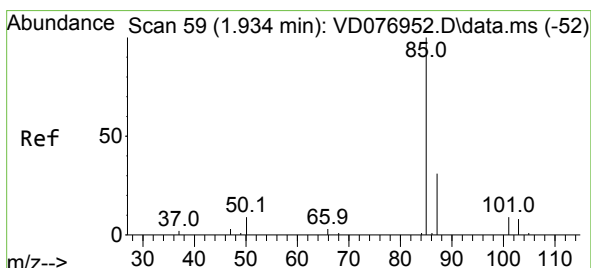
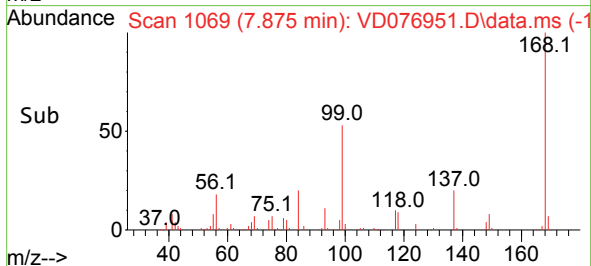
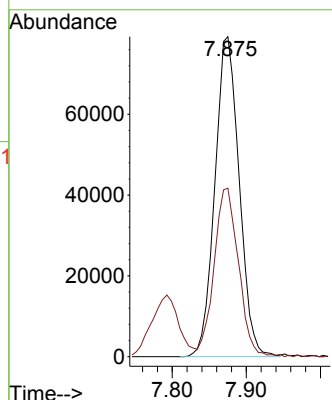
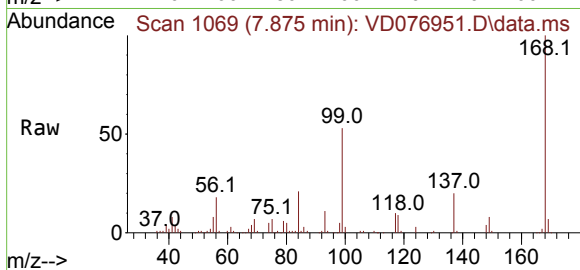
VSTDICC020

Tgt Ion:168 Resp: 180446

Ion Ratio Lower Upper

168 100

99 51.9 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 21.734 ug/l

RT: 1.928 min Scan# 58

Delta R.T. -0.006 min

Lab File: VD076951.D

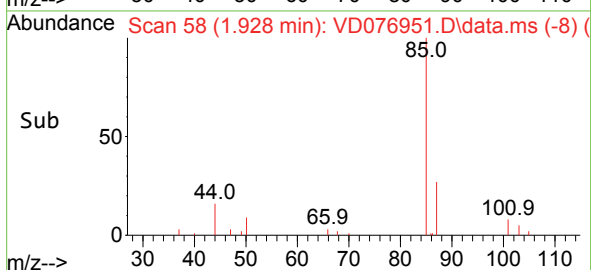
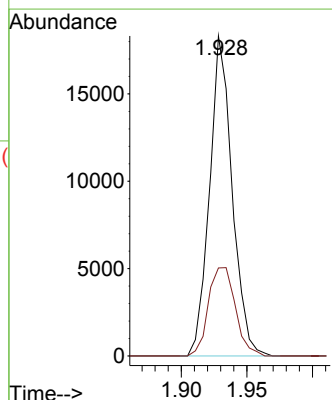
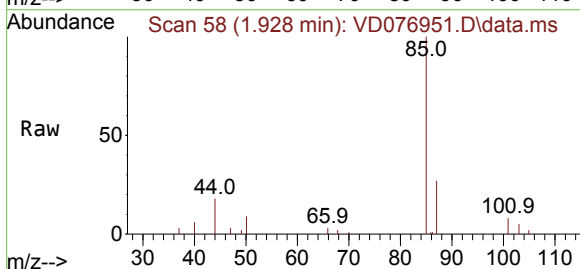
Acq: 08 Aug 2023 13:35

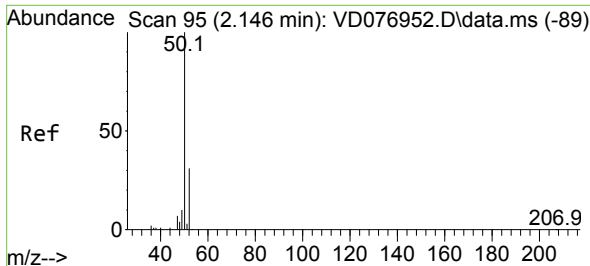
Tgt Ion: 85 Resp: 21980

Ion Ratio Lower Upper

85 100

87 27.5 15.7 47.0

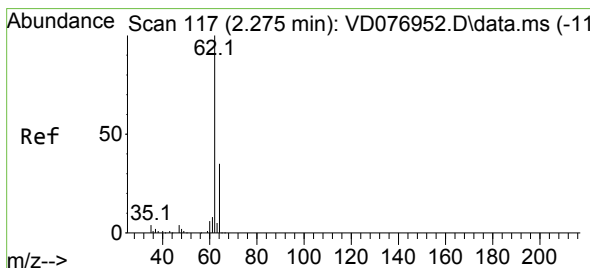
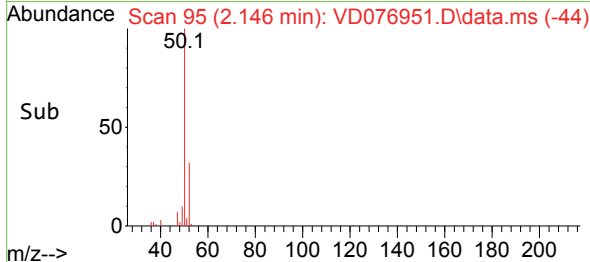
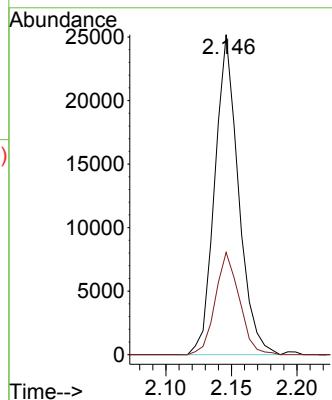
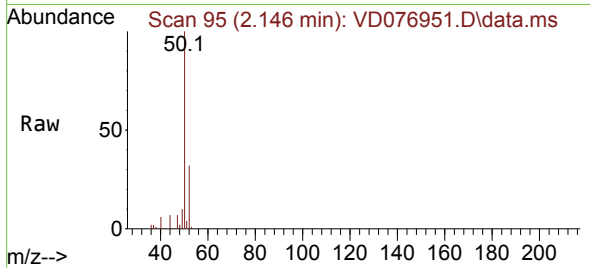




#3
Chloromethane
Concen: 20.625 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

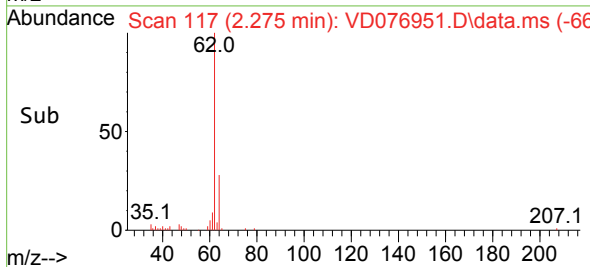
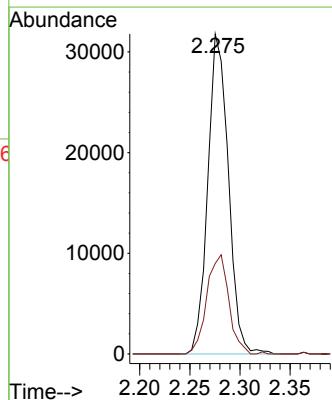
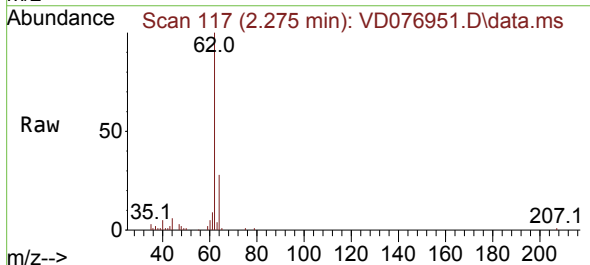
Instrument :
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ClientSampleId :
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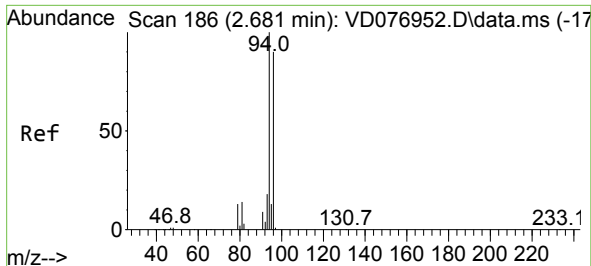
Tgt Ion: 50 Resp: 31570
Ion Ratio Lower Upper
50 100
52 31.9 26.6 40.0



#4
Vinyl Chloride
Concen: 20.094 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 62 Resp: 45322
Ion Ratio Lower Upper
62 100
64 28.3 26.0 39.0

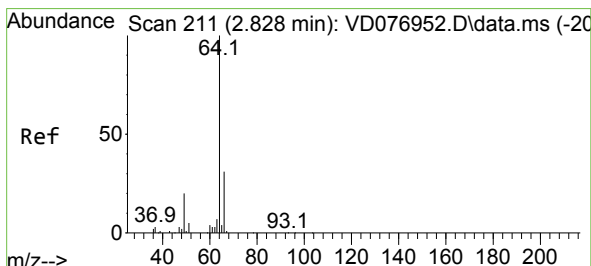
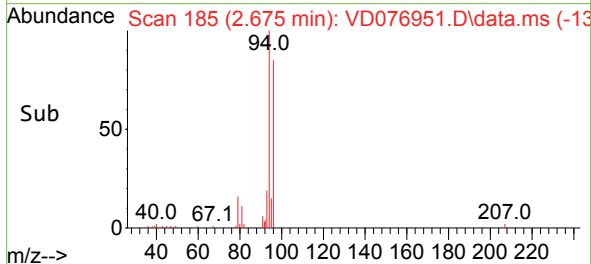
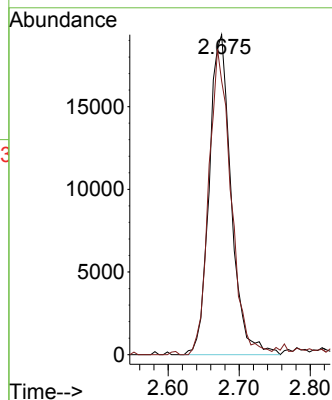
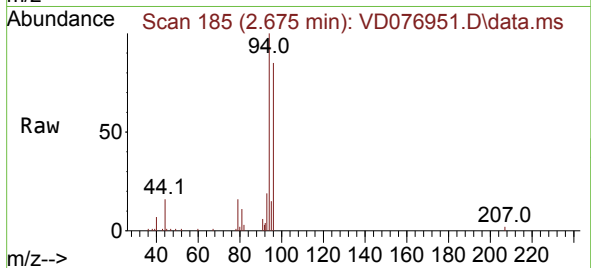




#5
Bromomethane
Concen: 20.373 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076951.D
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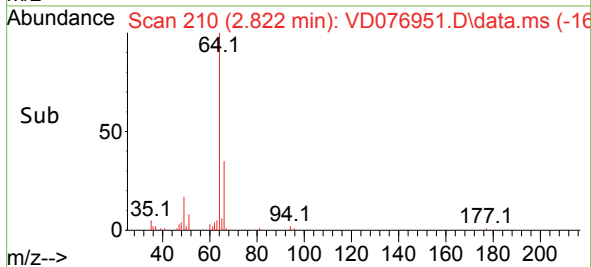
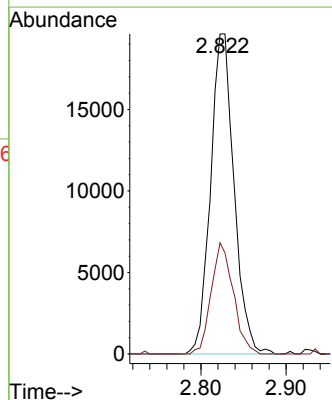
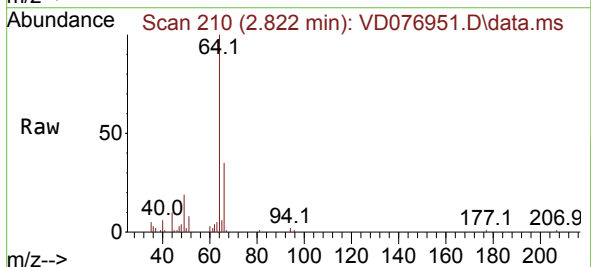
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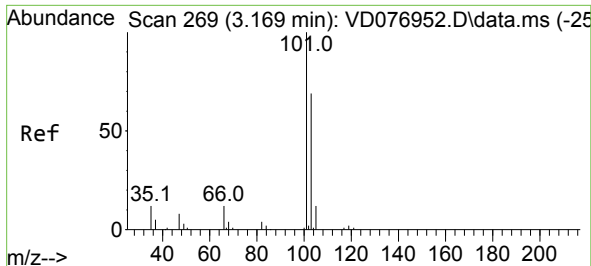
Tgt Ion: 94 Resp: 41562
Ion Ratio Lower Upper
94 100
96 96.3 75.8 113.8



#6
Chloroethane
Concen: 20.290 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 64 Resp: 37598
Ion Ratio Lower Upper
64 100
66 34.8 25.5 38.3

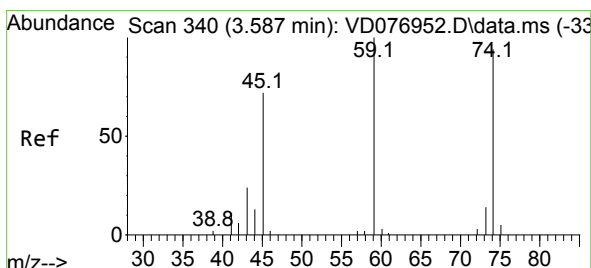
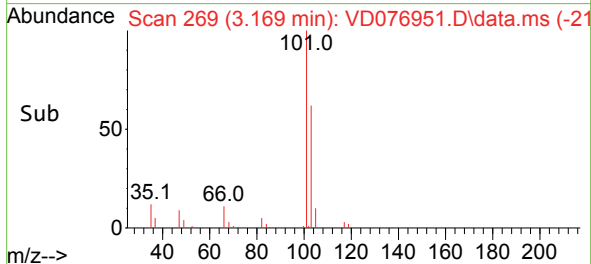
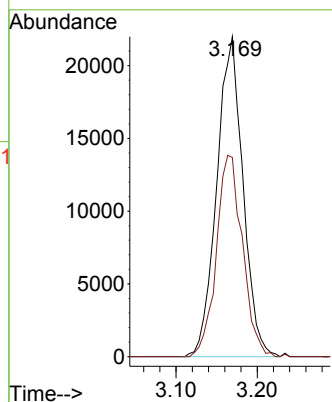
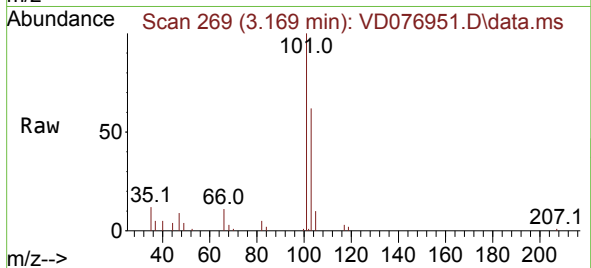




#7
Trichlorofluoromethane
Concen: 20.083 ug/l
RT: 3.169 min Scan# 207
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

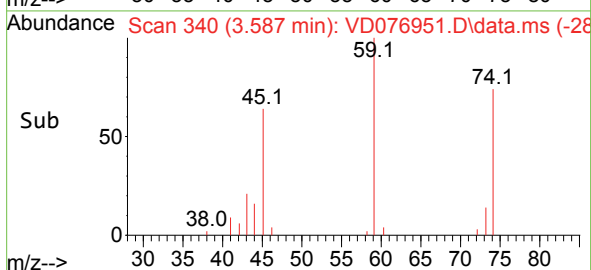
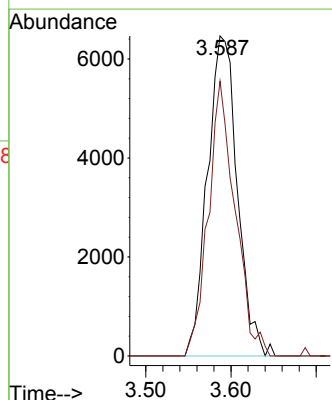
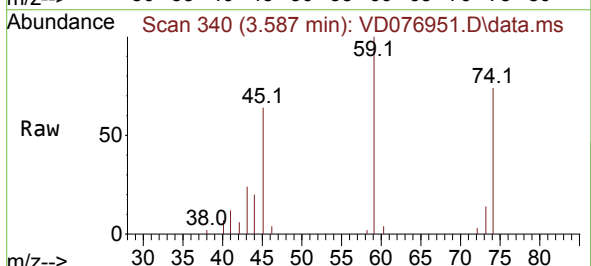
Instrument :
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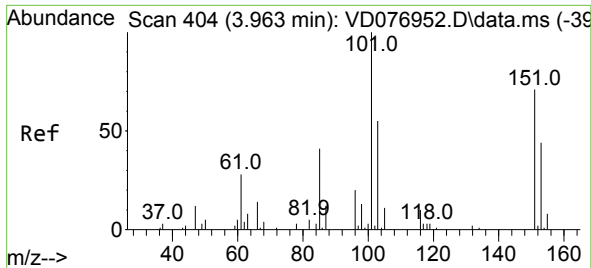
Tgt Ion:101 Resp: 49346
Ion Ratio Lower Upper
101 100
103 62.2 52.3 78.5



#8
Diethyl Ether
Concen: 19.925 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 74 Resp: 15753
Ion Ratio Lower Upper
74 100
45 77.2 37.5 112.7

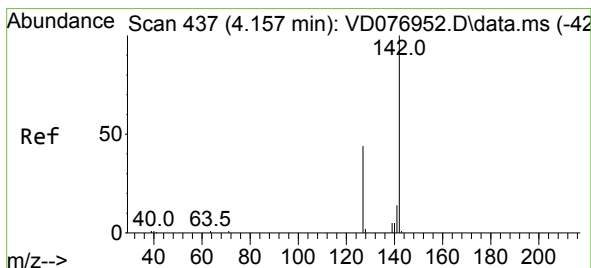
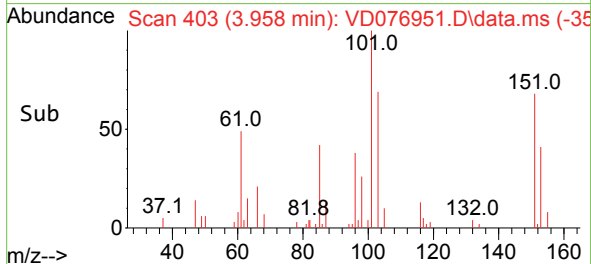
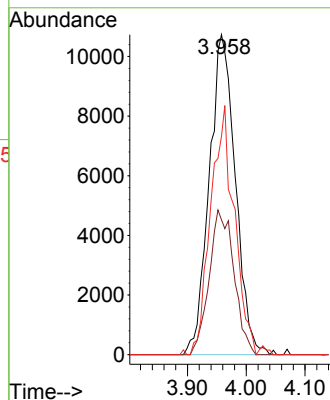
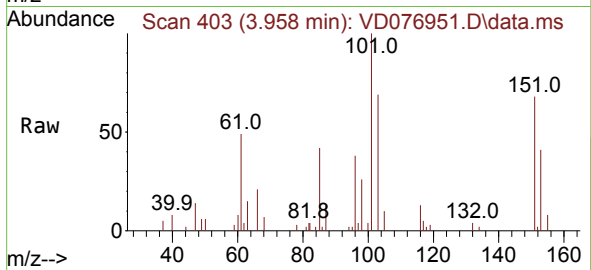




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.727 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

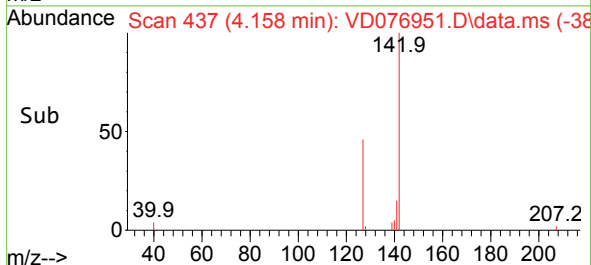
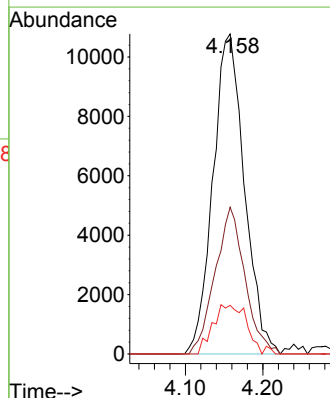
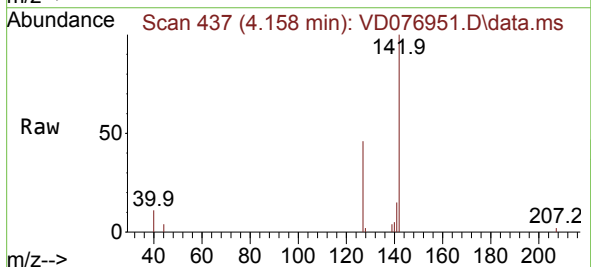
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

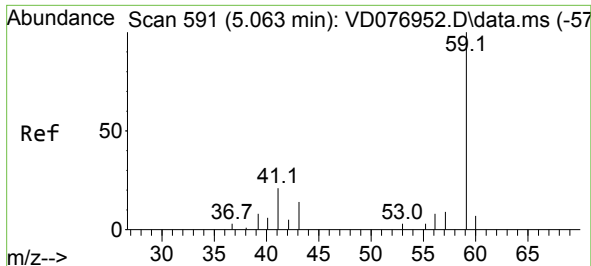
Tgt Ion:101 Resp: 33193
Ion Ratio Lower Upper
101 100
85 42.9 33.8 50.6
151 70.6 59.8 89.6



#10
Methyl Iodide
Concen: 18.770 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion:142 Resp: 30416
Ion Ratio Lower Upper
142 100
127 43.5 29.4 44.0
141 16.2 11.1 16.7

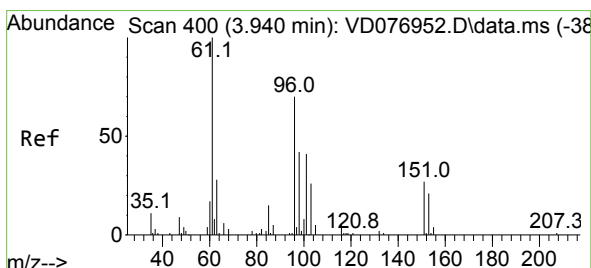
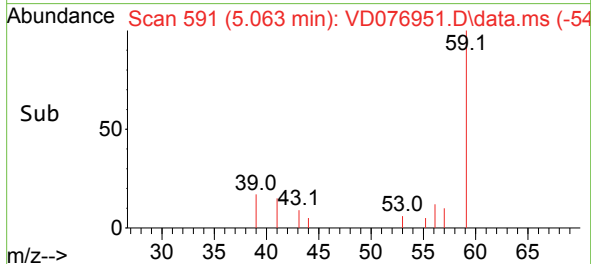
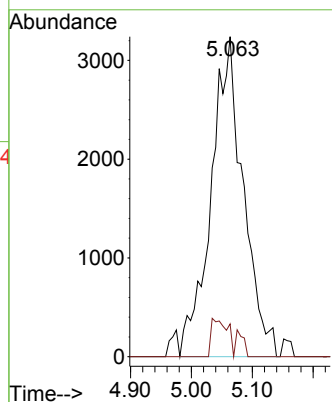
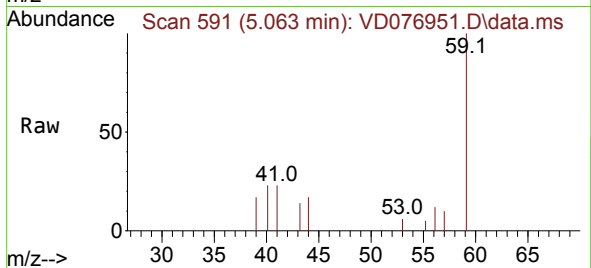




#11
Tert butyl alcohol
Concen: 112.268 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

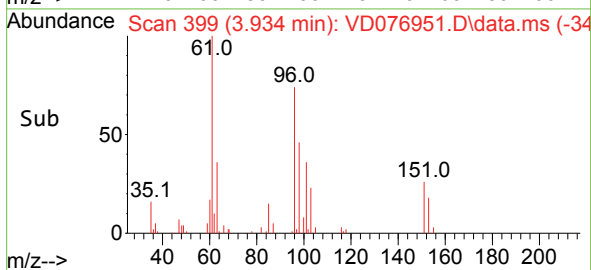
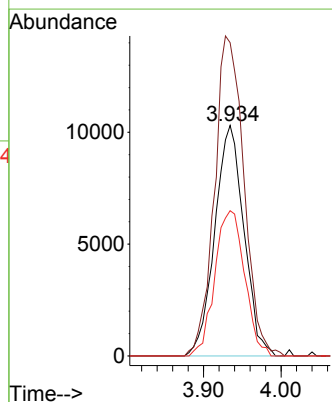
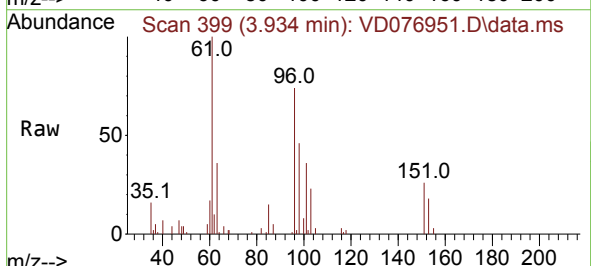
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

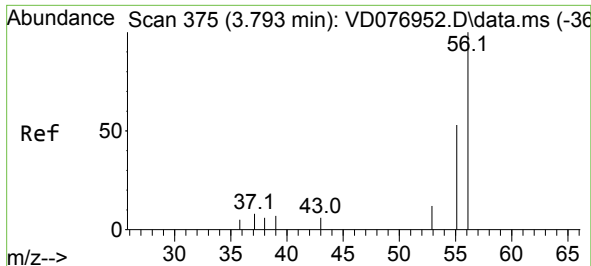
Tgt Ion: 59 Resp: 11924
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 19.518 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

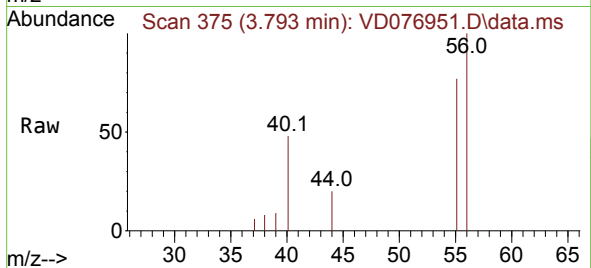
Tgt Ion: 96 Resp: 26954
Ion Ratio Lower Upper
96 100
61 135.9 100.6 150.8
98 63.0 50.2 75.2



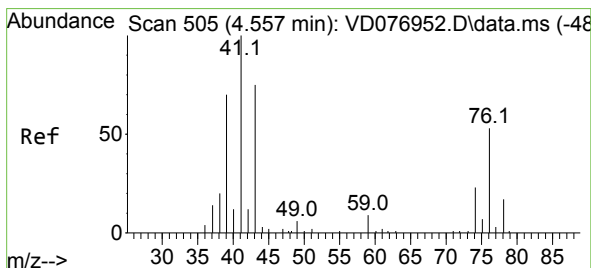
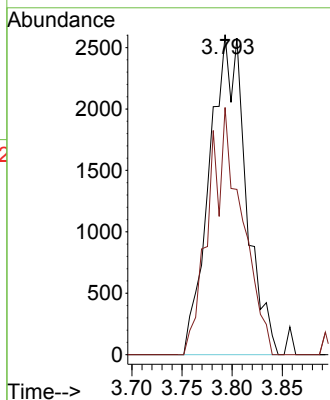
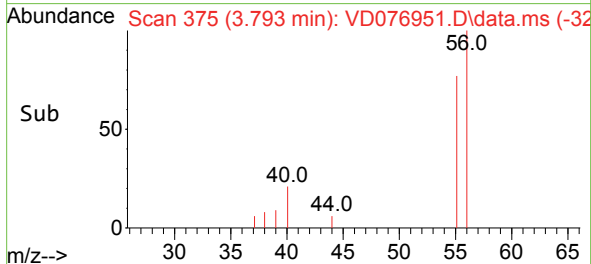


#13
Acrolein
Concen: 194.572 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

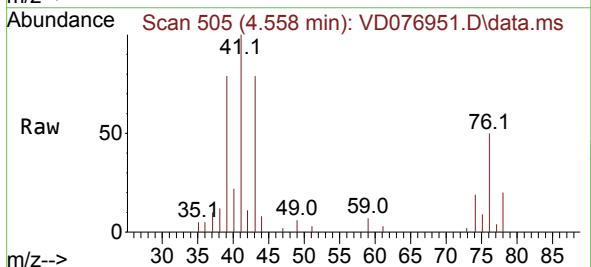
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



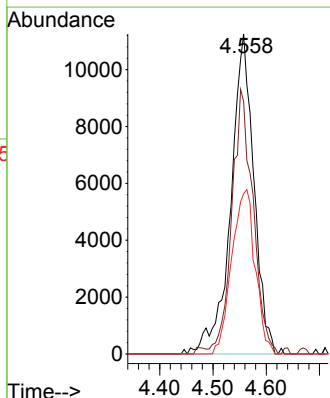
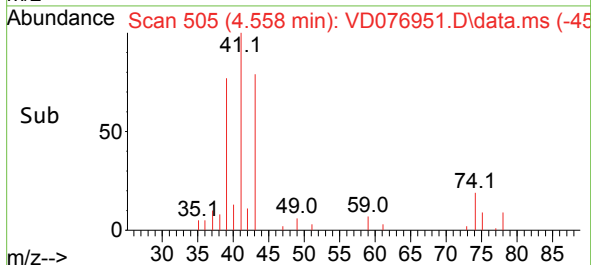
Tgt Ion: 56 Resp: 6568
Ion Ratio Lower Upper
56 100
55 70.4 55.1 82.7

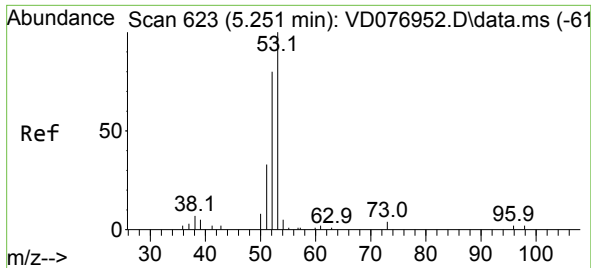


#14
Allyl chloride
Concen: 20.039 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35



Tgt Ion: 41 Resp: 33987
Ion Ratio Lower Upper
41 100
39 75.3 53.8 80.6
76 51.9 45.8 68.8

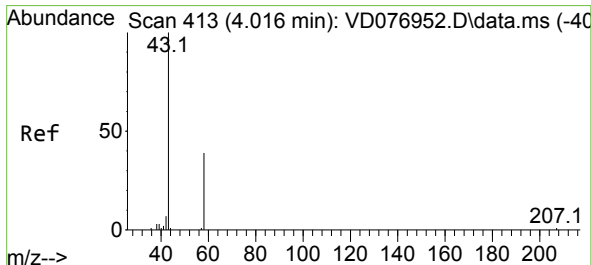
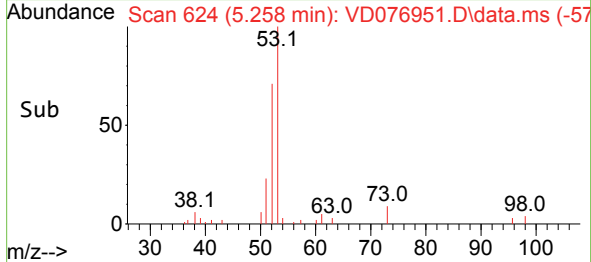
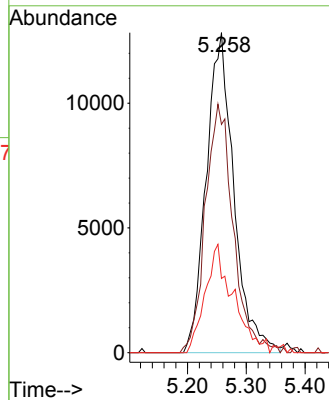
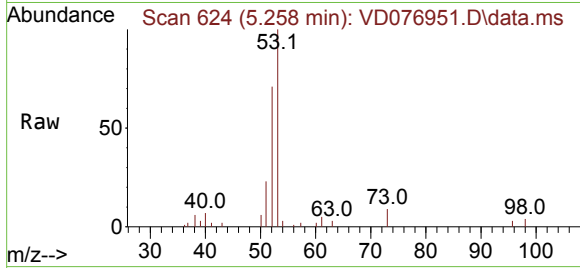




#15
Acrylonitrile
Concen: 106.478 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

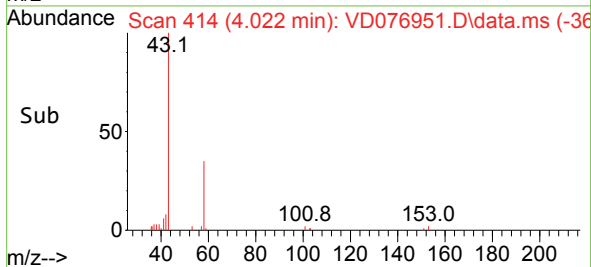
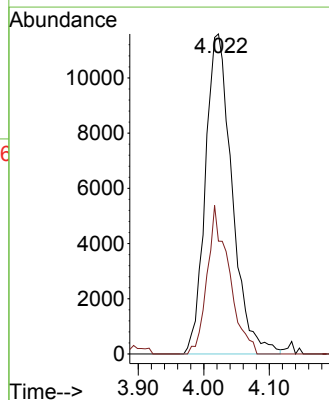
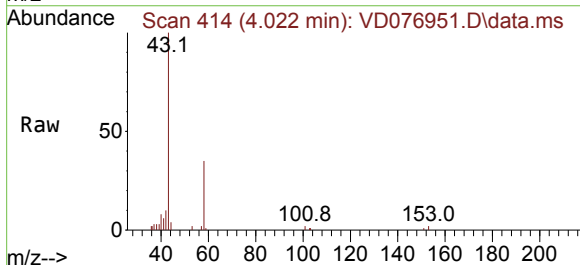
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

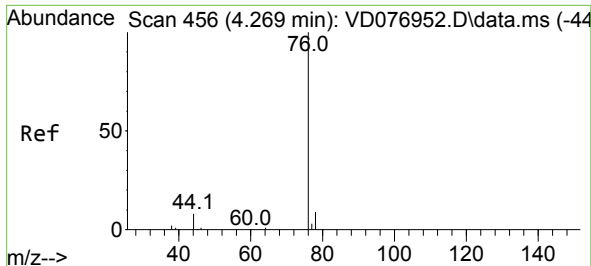
Tgt Ion: 53	Resp: 41861
Ion Ratio	Lower Upper
53 100	
52 78.4	65.0 97.4
51 34.4	28.3 42.5



#16
Acetone
Concen: 99.103 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 43	Resp: 32823
Ion Ratio	Lower Upper
43 100	
58 35.2	34.7 52.1

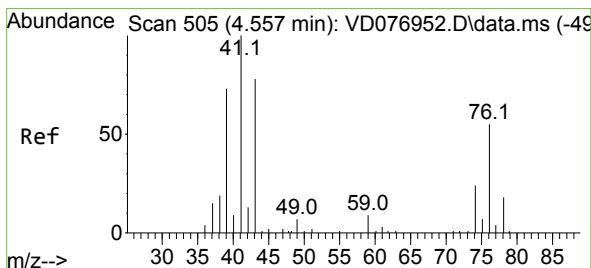
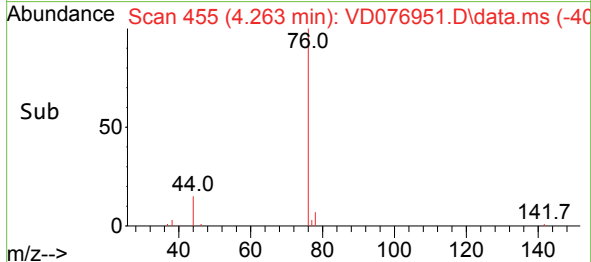
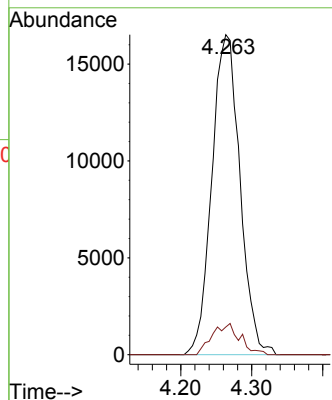
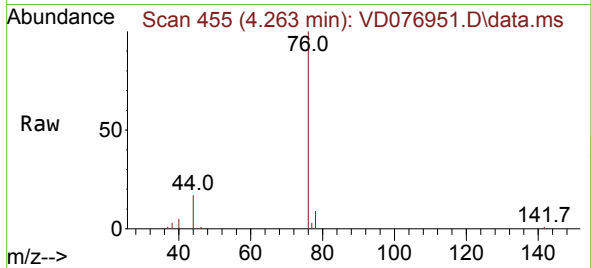




#17
Carbon Disulfide
Concen: 19.400 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

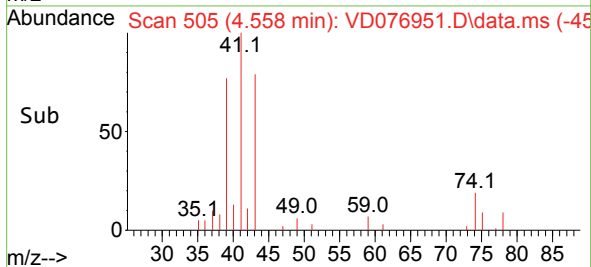
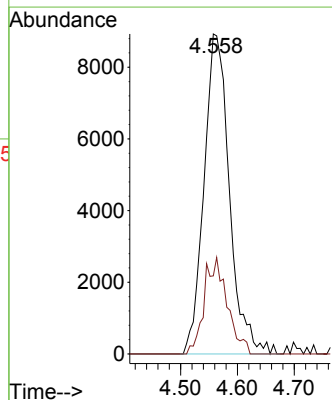
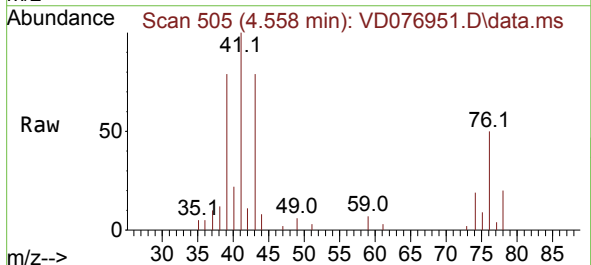
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

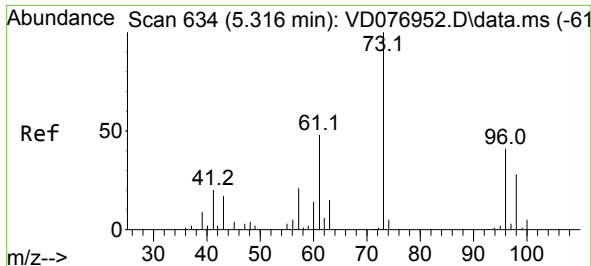
Tgt Ion: 76 Resp: 45352
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 20.874 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 43 Resp: 27746
Ion Ratio Lower Upper
43 100
74 27.2 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 20.155 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

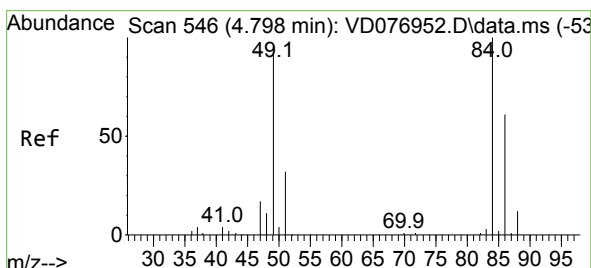
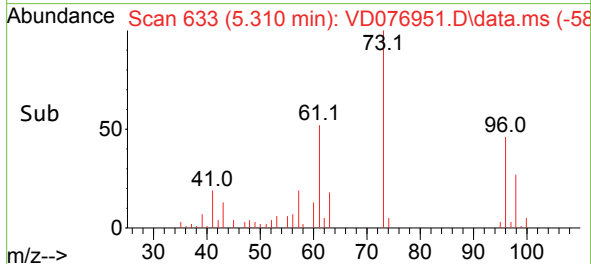
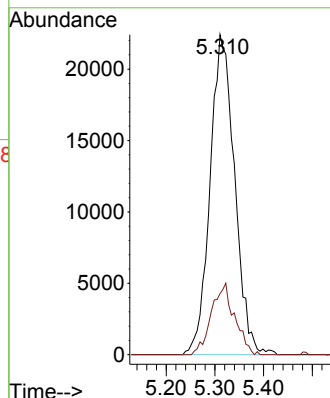
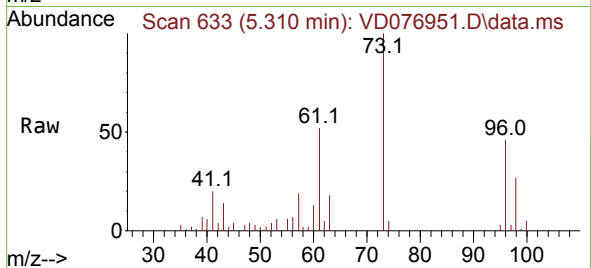
VSTDIC020

Tgt Ion: 73 Resp: 78568

Ion Ratio Lower Upper

73 100

57 19.1 16.6 25.0



#20

Methylene Chloride

Concen: 22.583 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.001 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Tgt Ion: 84 Resp: 61383

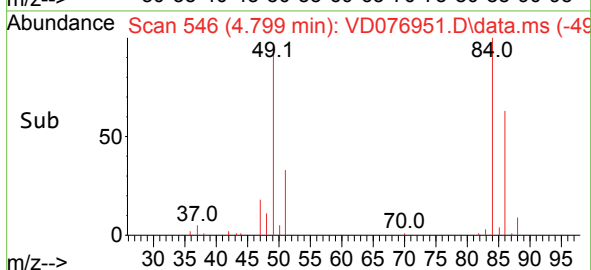
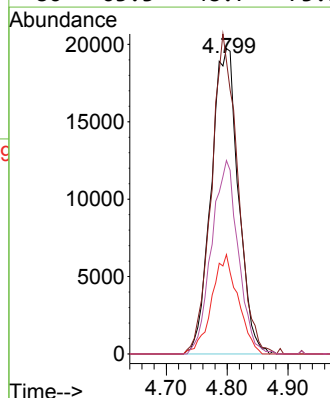
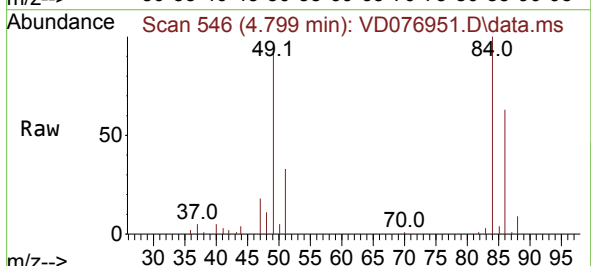
Ion Ratio Lower Upper

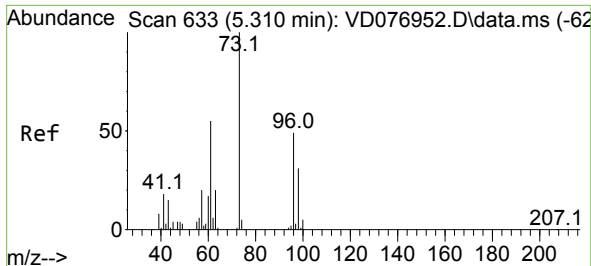
84 100

49 95.9 71.4 107.2

51 32.5 24.5 36.7

86 63.3 48.7 73.1

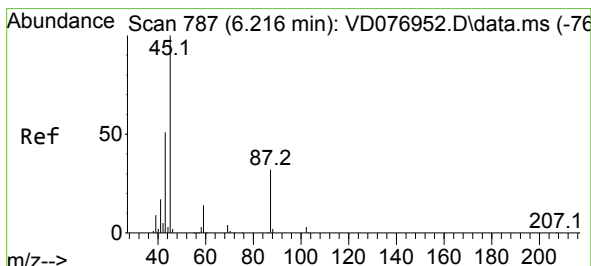
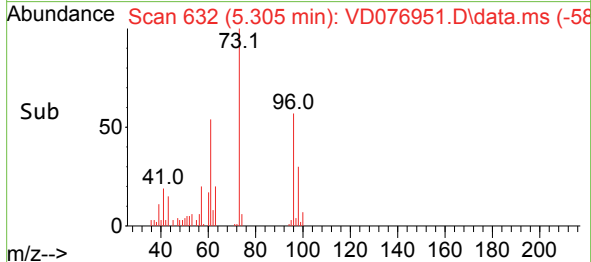
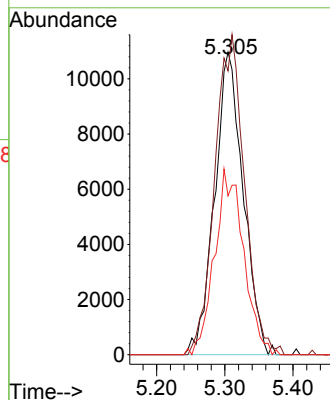
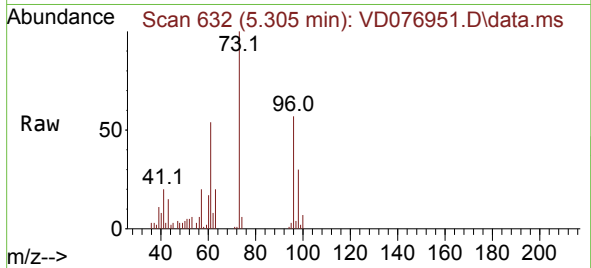




#21
trans-1,2-Dichloroethene
Concen: 20.291 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

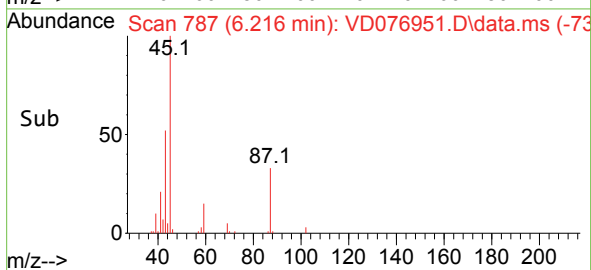
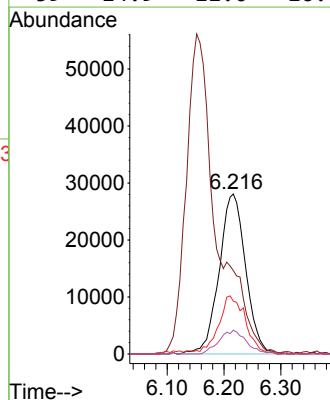
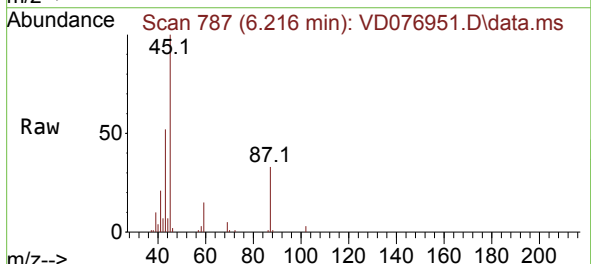
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

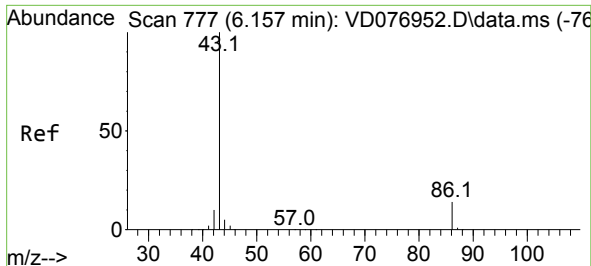
Tgt Ion: 96 Resp: 32009
Ion Ratio Lower Upper
96 100
61 93.8 89.3 133.9
98 52.5 48.6 73.0



#22
Diisopropyl ether
Concen: 20.510 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 45 Resp: 90873
Ion Ratio Lower Upper
45 100
43 51.2 40.0 60.0
87 33.0 28.2 42.4
59 14.9 11.0 16.4

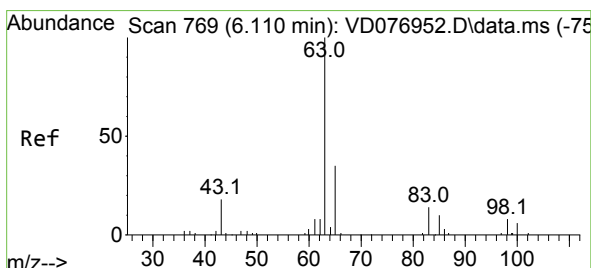
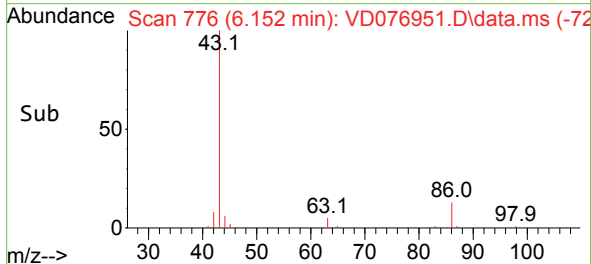
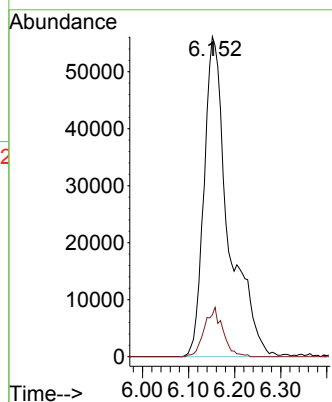
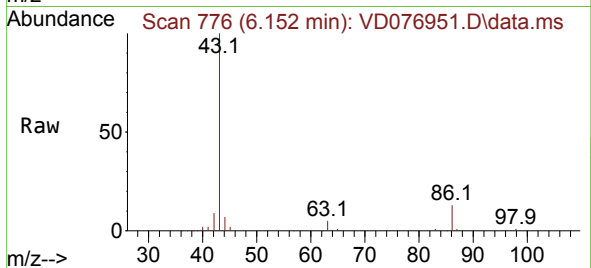




#23
 Vinyl Acetate
 Concen: 100.064 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD076951.D
 Acq: 08 Aug 2023 13:35

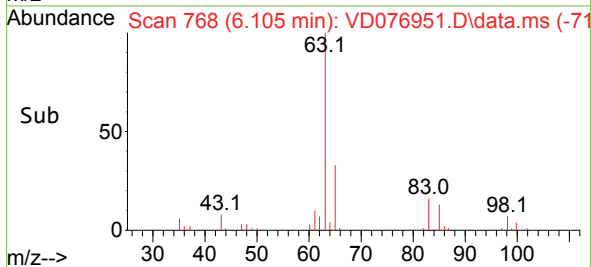
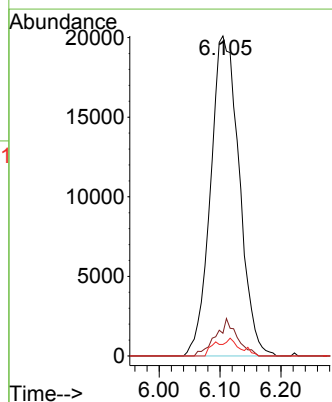
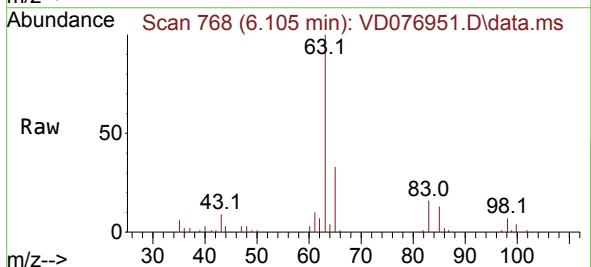
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

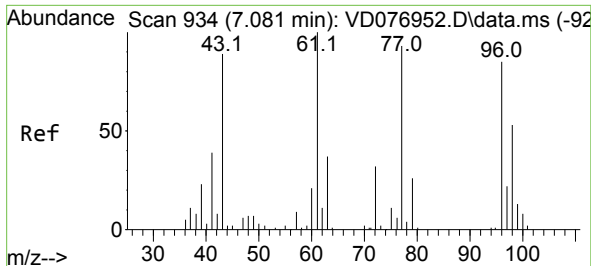
Tgt Ion: 43 Resp: 207933
 Ion Ratio Lower Upper
 43 100
 86 13.1 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 20.699 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD076951.D
 Acq: 08 Aug 2023 13:35

Tgt Ion: 63 Resp: 65551
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 3.6 2.5 7.5

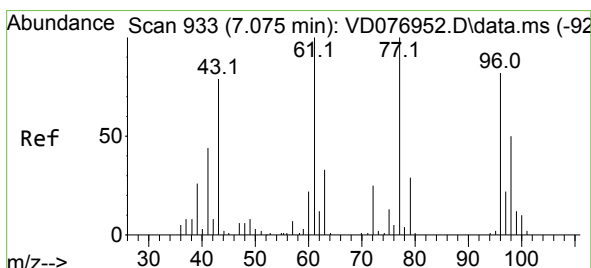
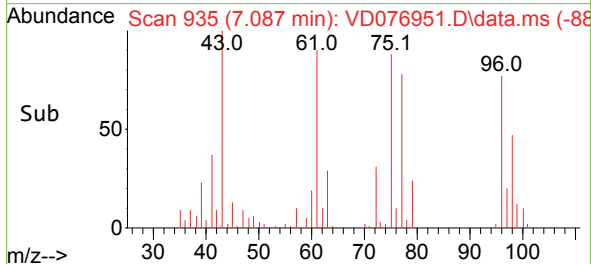
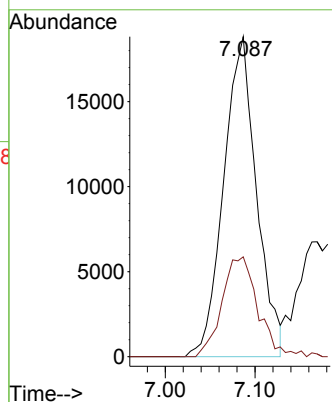
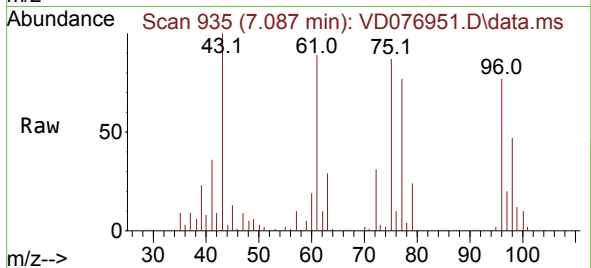




#25
2-Butanone
Concen: 100.448 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

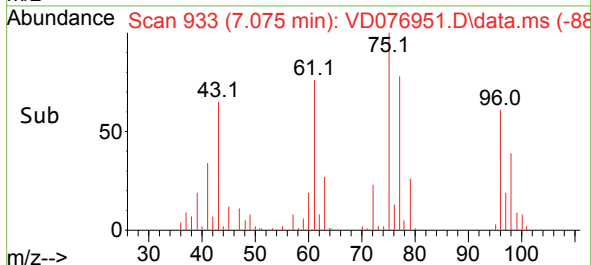
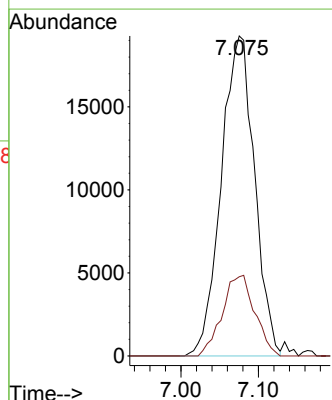
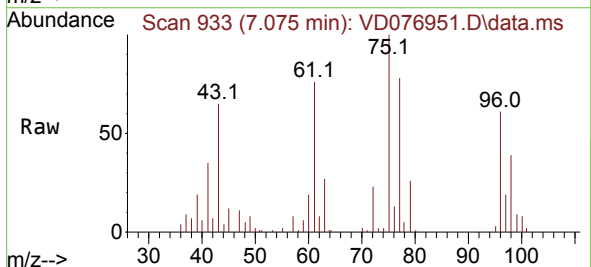
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

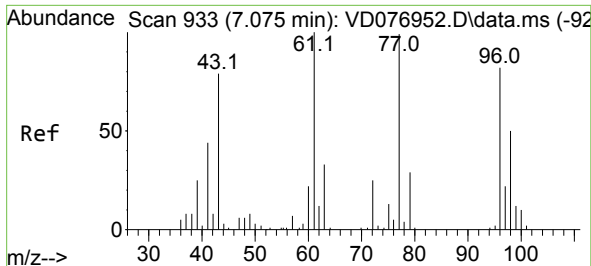
Tgt Ion: 43 Resp: 47827
Ion Ratio Lower Upper
43 100
72 31.2 30.7 46.1



#26
2,2-Dichloropropane
Concen: 20.017 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 77 Resp: 57554
Ion Ratio Lower Upper
77 100
97 24.6 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 20.368 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

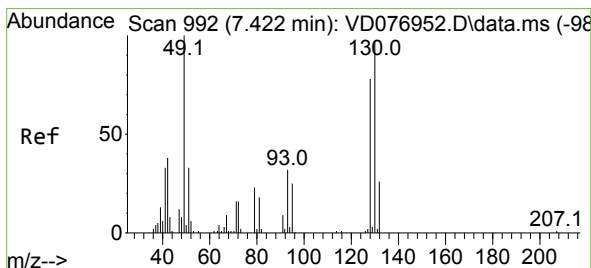
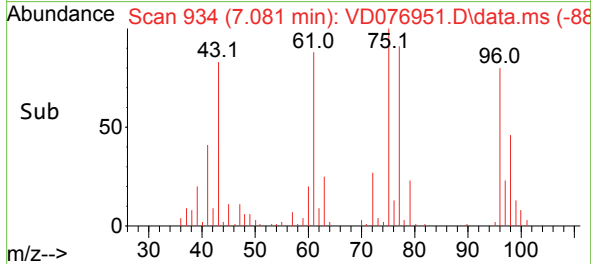
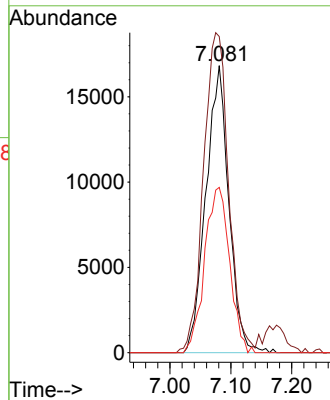
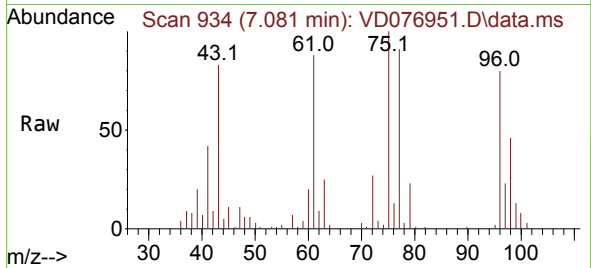
Tgt Ion: 96 Resp: 44089

Ion Ratio Lower Upper

96 100

61 121.3 0.0 239.2

98 62.5 0.0 128.6



#28

Bromochloromethane

Concen: 22.131 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

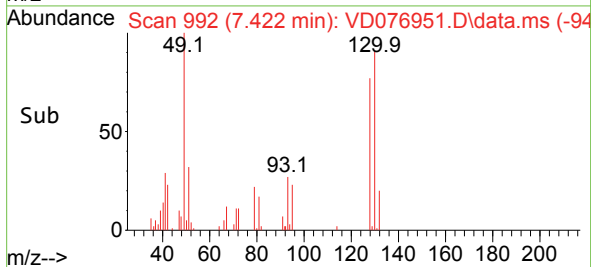
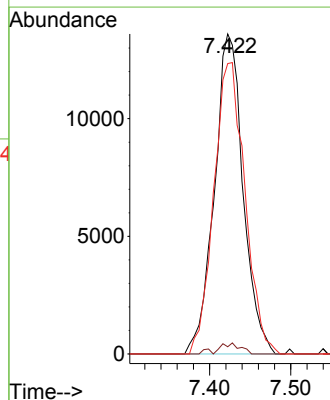
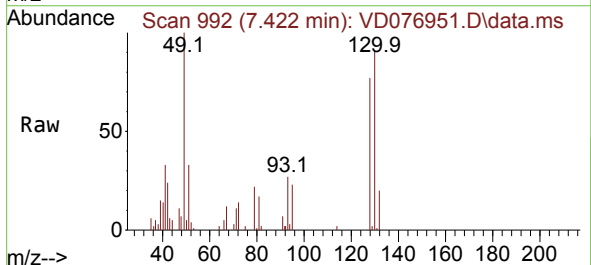
Tgt Ion: 49 Resp: 33496

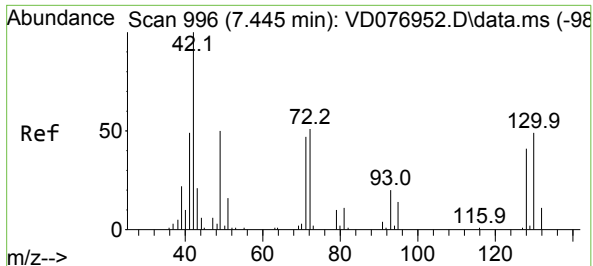
Ion Ratio Lower Upper

49 100

129 2.2 0.0 6.0

130 98.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 98.898 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

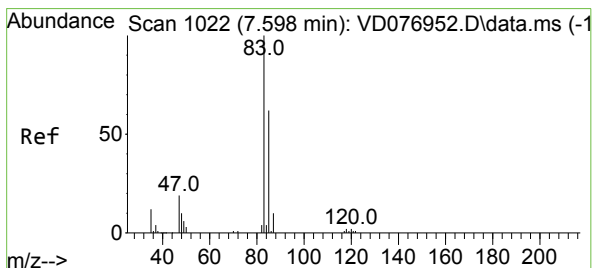
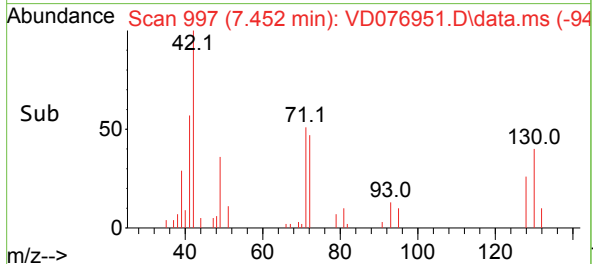
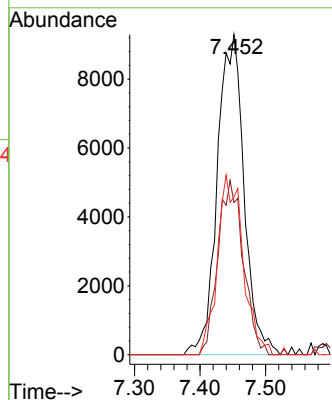
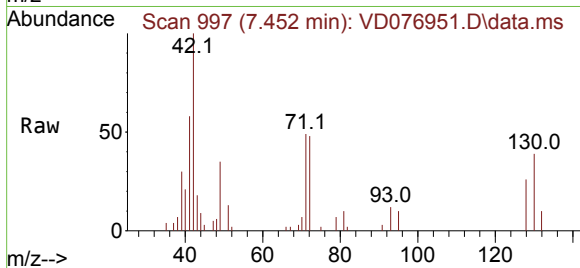
Tgt Ion: 42 Resp: 26295

Ion Ratio Lower Upper

42 100

72 51.8 46.5 69.7

71 53.7 44.5 66.7



#30

Chloroform

Concen: 20.625 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD076951.D

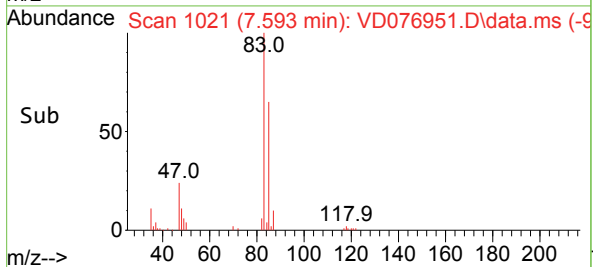
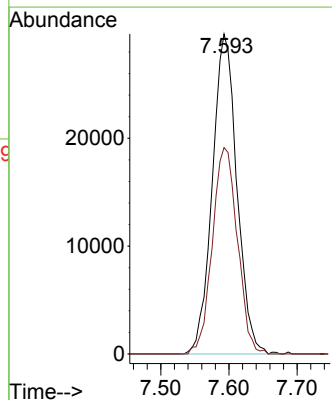
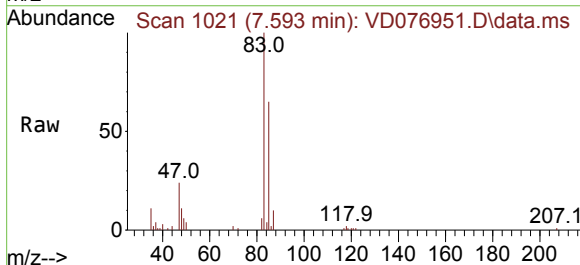
Acq: 08 Aug 2023 13:35

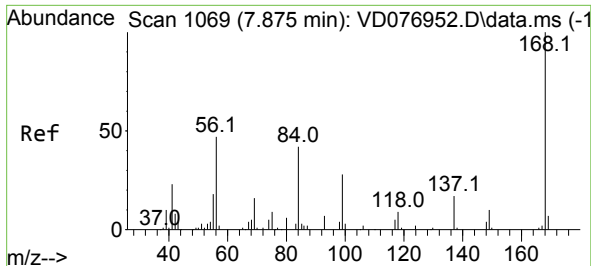
Tgt Ion: 83 Resp: 74518

Ion Ratio Lower Upper

83 100

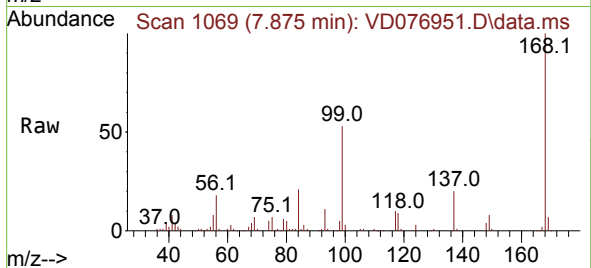
85 64.5 53.4 80.2



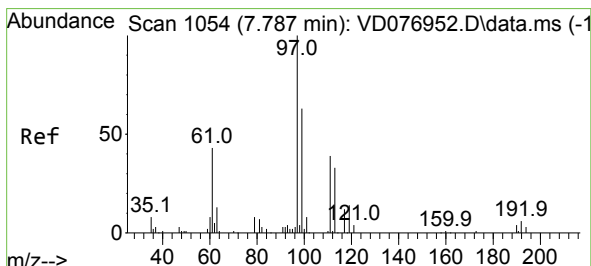
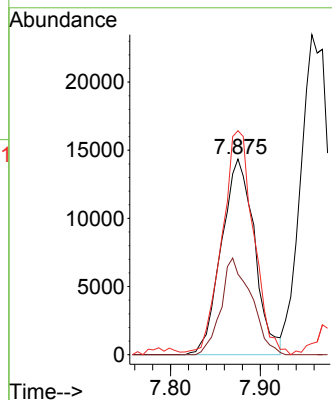
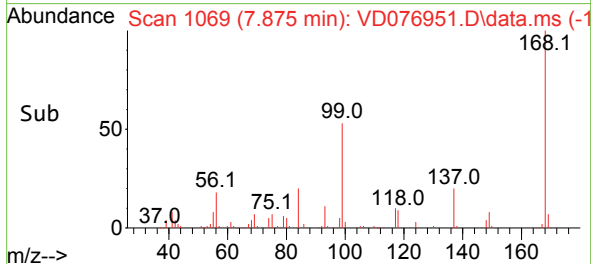


#31
Cyclohexane
Concen: 19.599 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

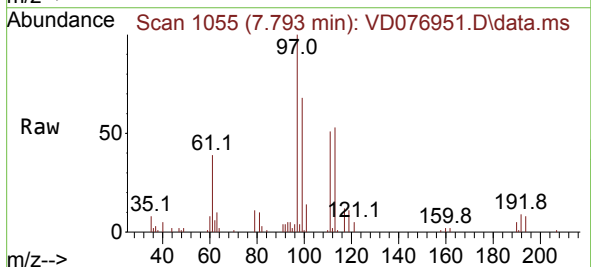
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



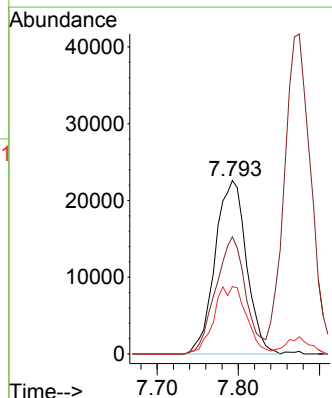
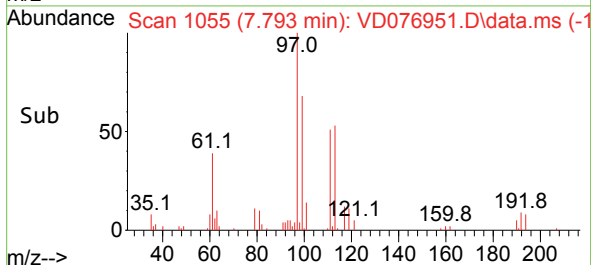
Tgt Ion: 56 Resp: 36897
Ion Ratio Lower Upper
56 100
69 41.1 28.6 43.0
84 113.1 84.8 127.2

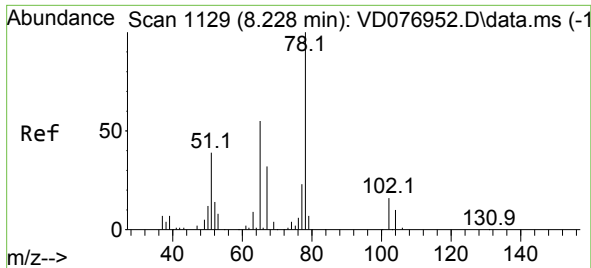


#32
1,1,1-Trichloroethane
Concen: 20.402 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35



Tgt Ion: 97 Resp: 60496
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 40.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 22.606 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

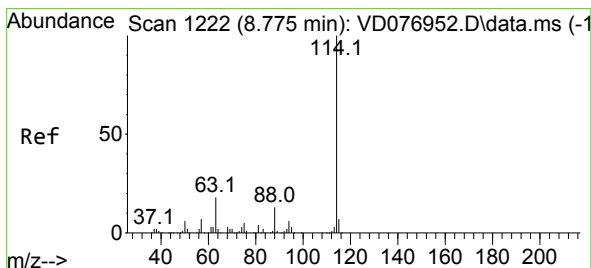
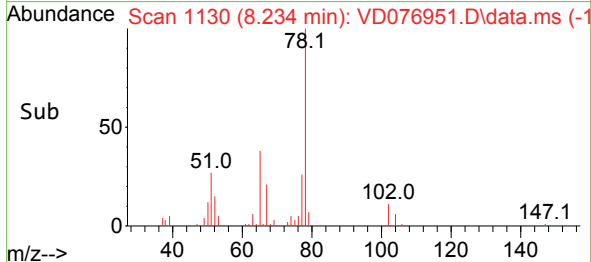
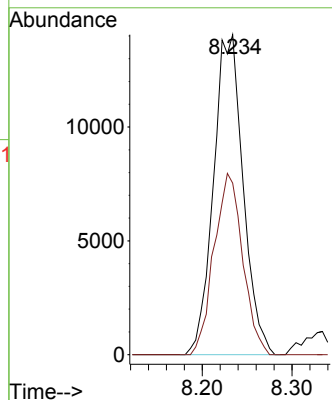
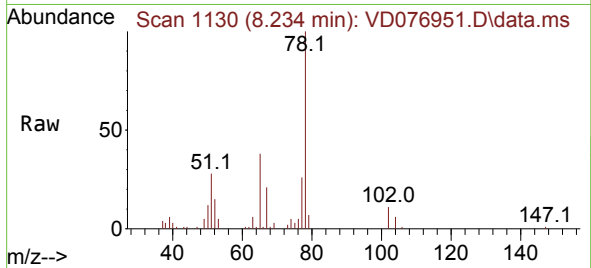
VSTDICC020

Tgt Ion: 65 Resp: 32179

Ion Ratio Lower Upper

65 100

67 54.8 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: VD076951.D

Acq: 08 Aug 2023 13:35

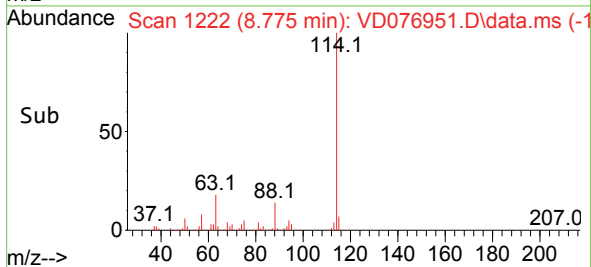
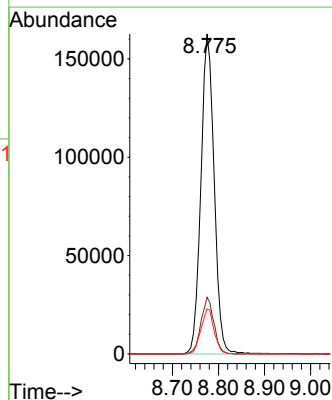
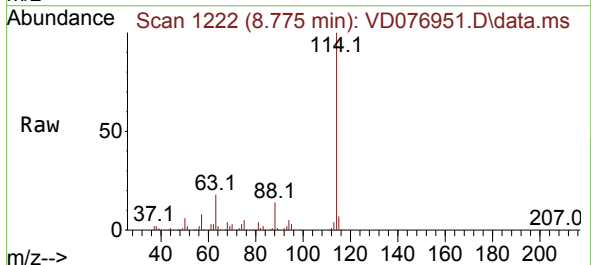
Tgt Ion: 114 Resp: 326839

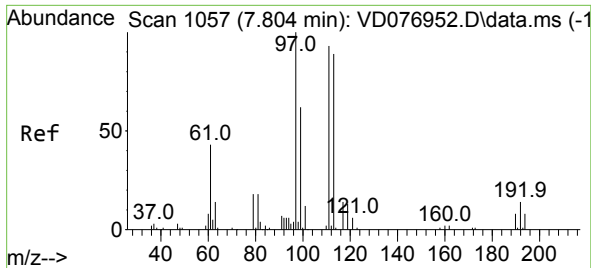
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 14.0 0.0 26.2

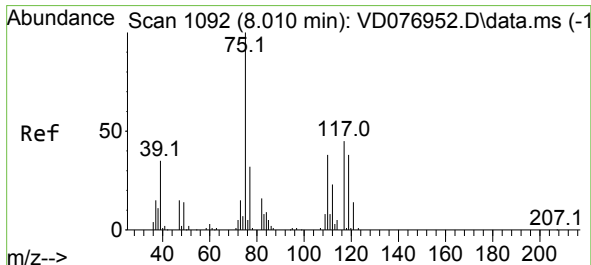
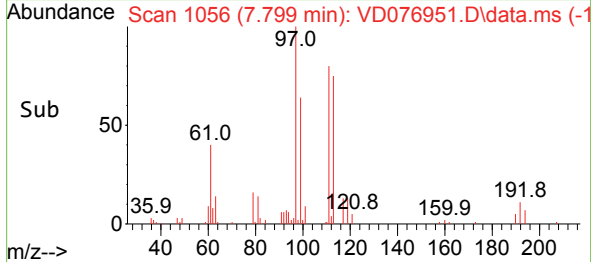
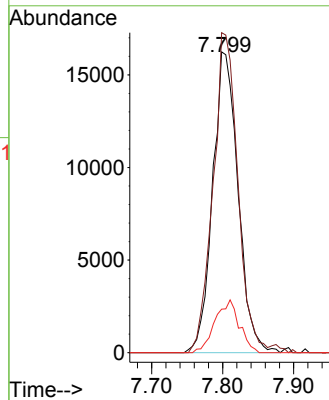
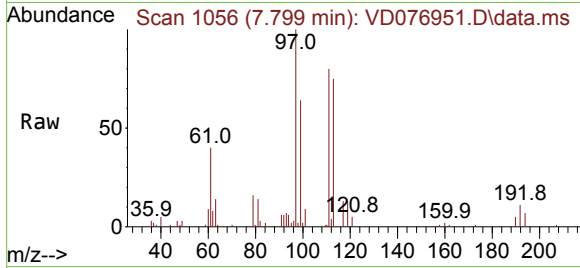




#35
 Dibromofluoromethane
 Concen: 22.953 ug/l
 RT: 7.799 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VD076951.D
 Acq: 08 Aug 2023 13:35

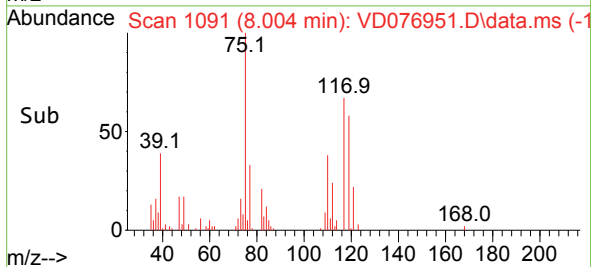
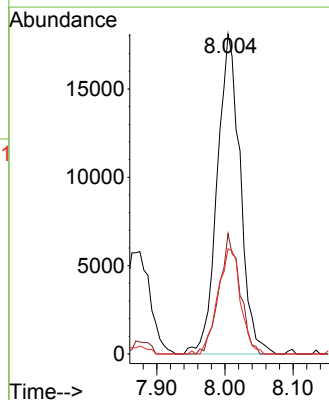
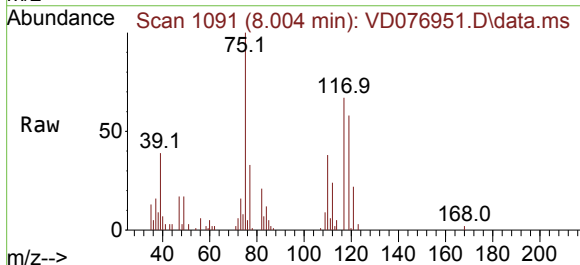
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

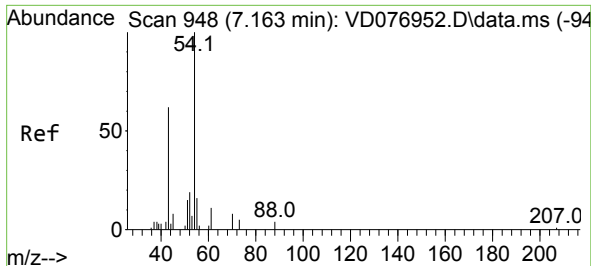
Tgt Ion:113 Resp: 40332
 Ion Ratio Lower Upper
 113 100
 111 104.8 84.7 127.1
 192 16.8 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 19.516 ug/l
 RT: 8.004 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: VD076951.D
 Acq: 08 Aug 2023 13:35

Tgt Ion: 75 Resp: 42405
 Ion Ratio Lower Upper
 75 100
 110 34.0 19.9 59.6
 77 32.8 24.7 37.1





#37

Ethyl Acetate

Concen: 17.198 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

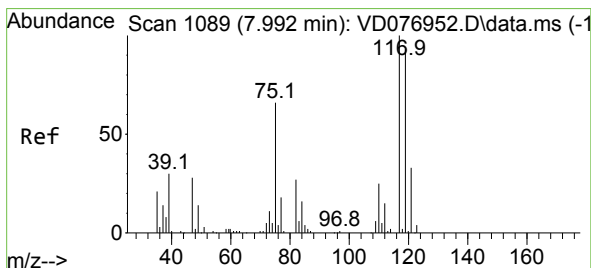
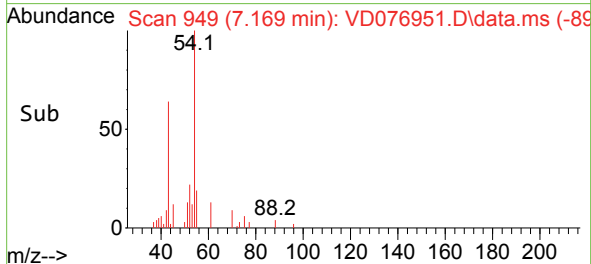
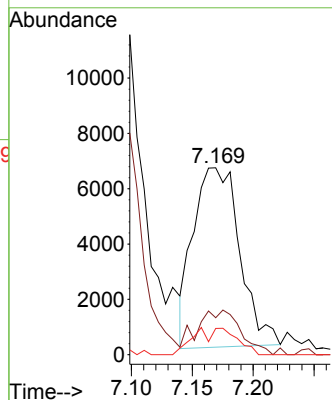
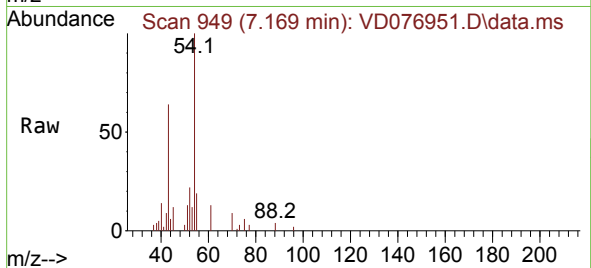
Tgt Ion: 43 Resp: 17243

Ion Ratio Lower Upper

43 100

61 23.8 14.9 22.3#

70 7.9 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 19.475 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

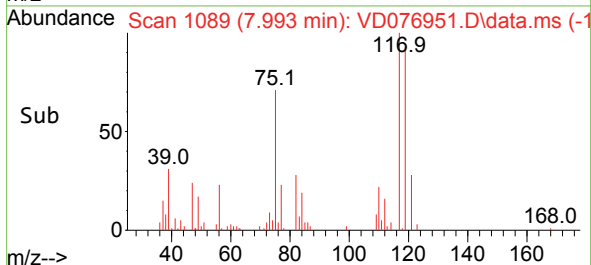
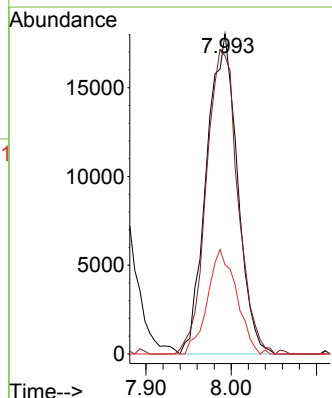
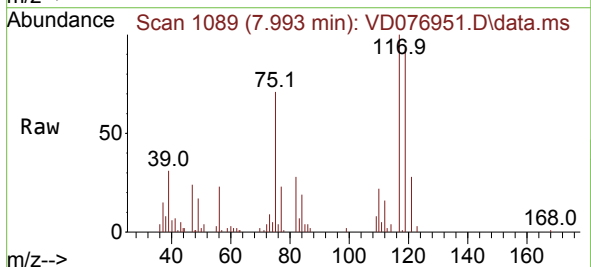
Tgt Ion: 117 Resp: 45290

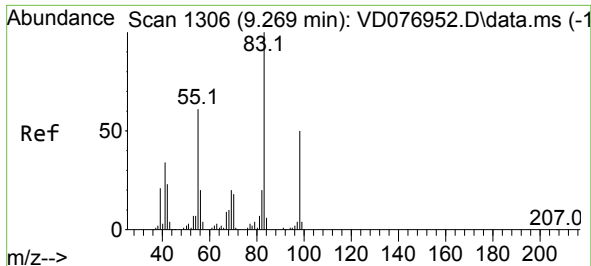
Ion Ratio Lower Upper

117 100

119 92.0 78.0 117.0

121 27.9 24.2 36.2





#39

Methylcyclohexane

Concen: 19.131 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

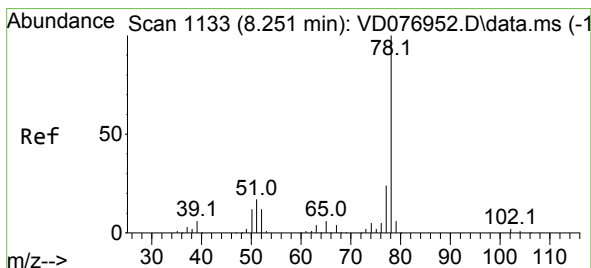
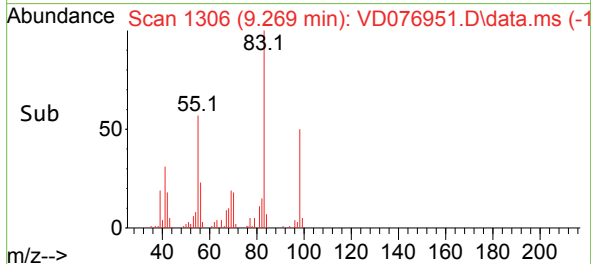
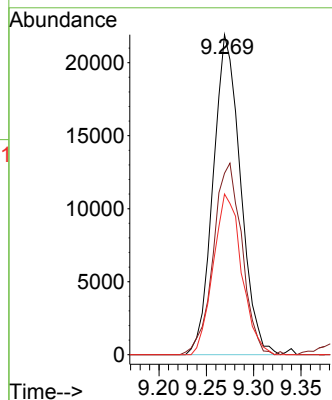
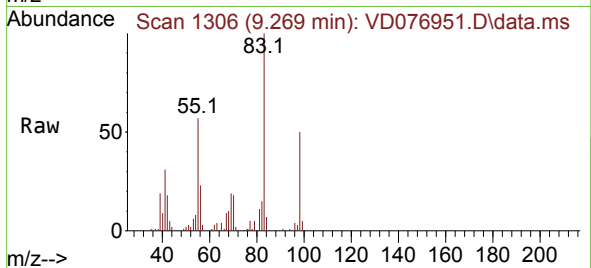
Tgt Ion: 83 Resp: 44042

Ion Ratio Lower Upper

83 100

55 56.7 49.4 74.0

98 50.2 38.4 57.6



#40

Benzene

Concen: 19.737 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD076951.D

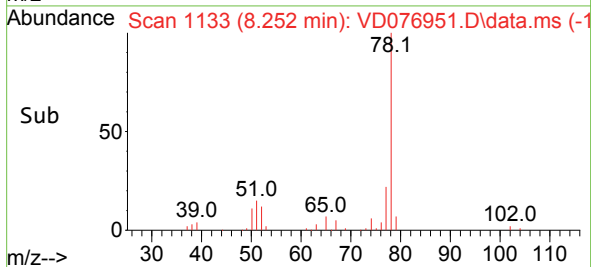
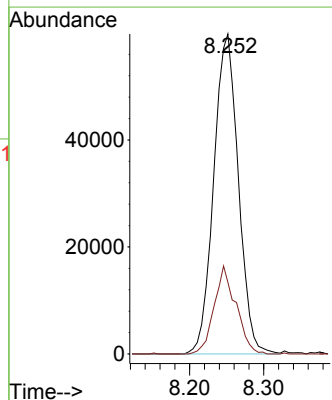
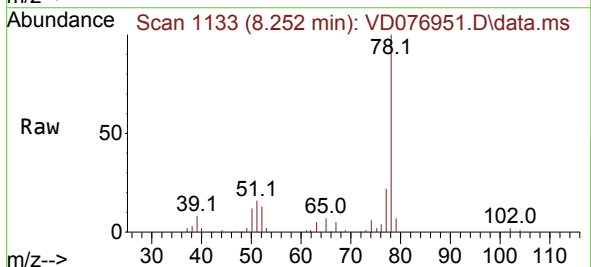
Acq: 08 Aug 2023 13:35

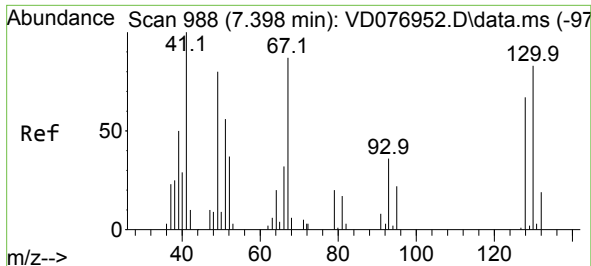
Tgt Ion: 78 Resp: 137895

Ion Ratio Lower Upper

78 100

77 22.4 19.4 29.0



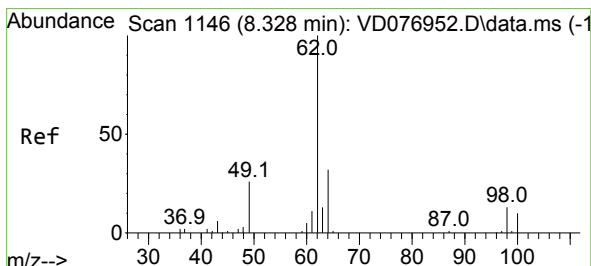
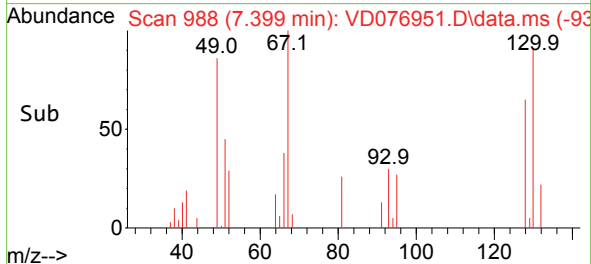
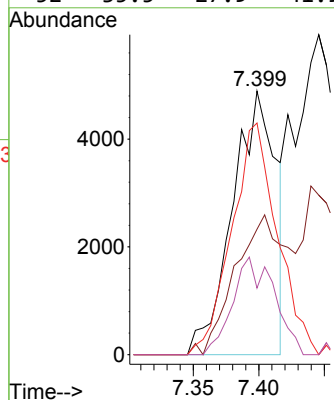
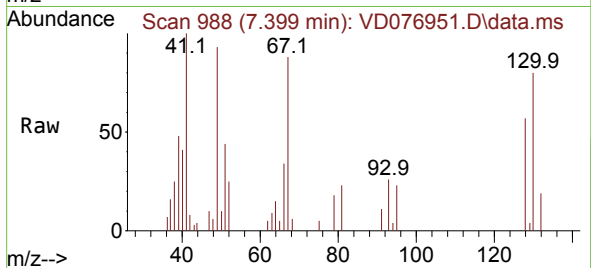


#41
Methacrylonitrile
Concen: 20.861 ug/l
RT: 7.399 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 11286

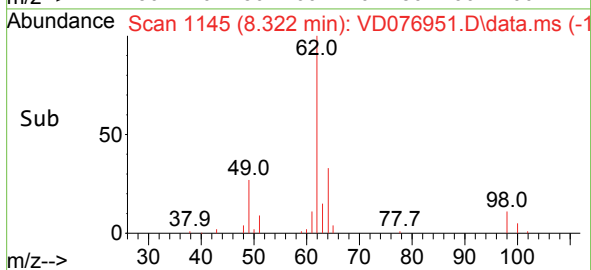
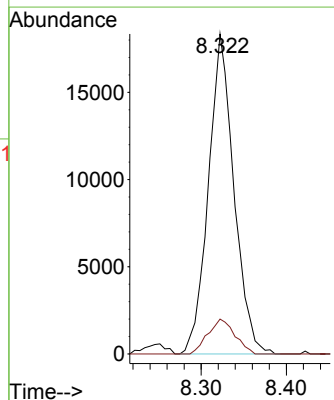
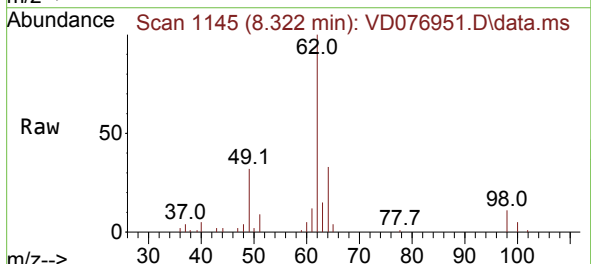
Ion	Ratio	Lower	Upper
41	100		
39	64.9	34.0	51.0#
67	92.3	77.0	115.4
52	35.5	27.9	41.9

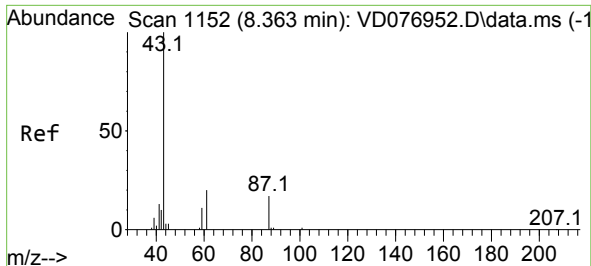


#42
1,2-Dichloroethane
Concen: 20.287 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 62 Resp: 38206

Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	25.4

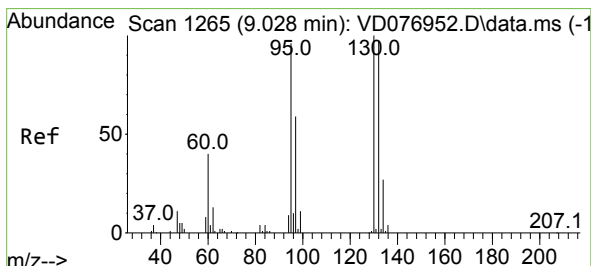
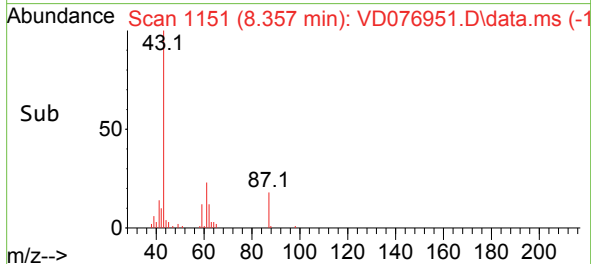
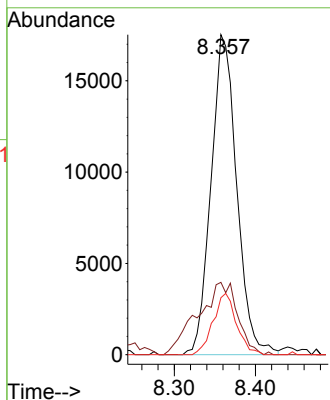
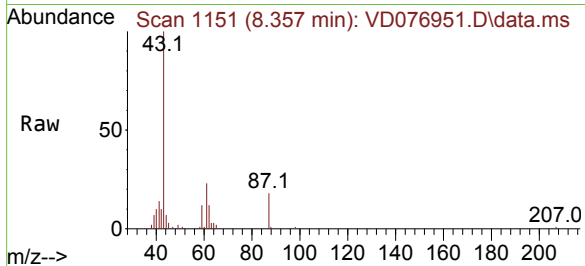




#43
Isopropyl Acetate
Concen: 20.480 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

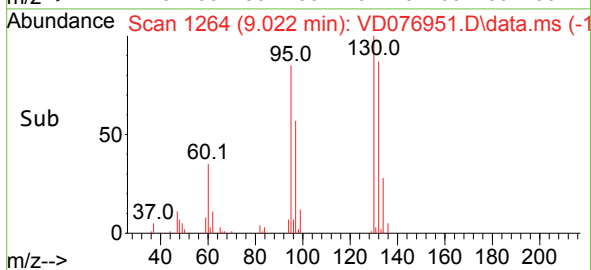
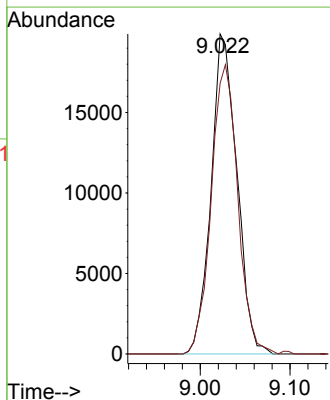
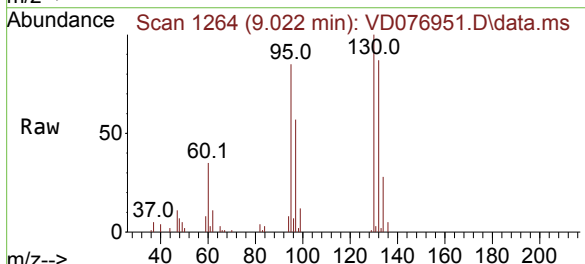
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

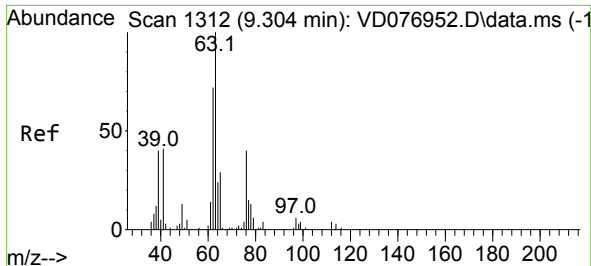
Tgt Ion: 43 Resp: 38587
Ion Ratio Lower Upper
43 100
61 35.0 31.4 47.0
87 17.4 14.9 22.3



#44
Trichloroethene
Concen: 20.589 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 130 Resp: 39715
Ion Ratio Lower Upper
130 100
95 84.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.649 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

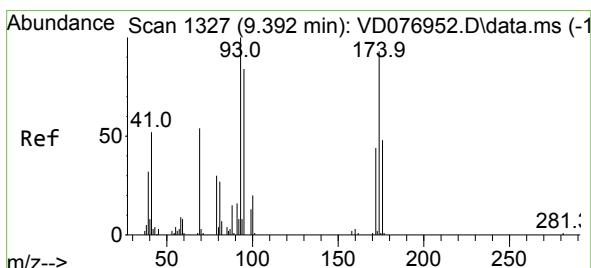
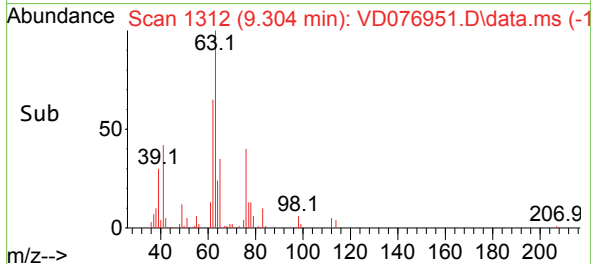
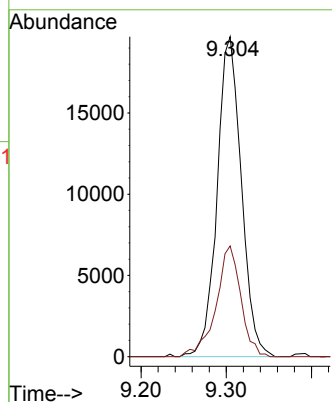
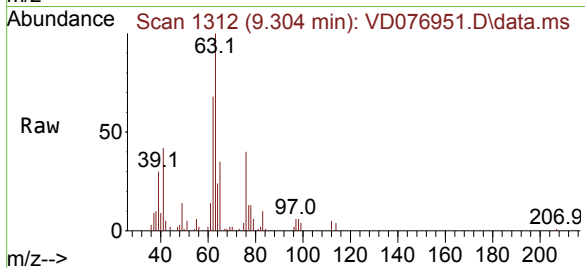
VSTDIC020

Tgt Ion: 63 Resp: 38878

Ion Ratio Lower Upper

63 100

65 34.6 24.5 36.7



#46

Dibromomethane

Concen: 20.024 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

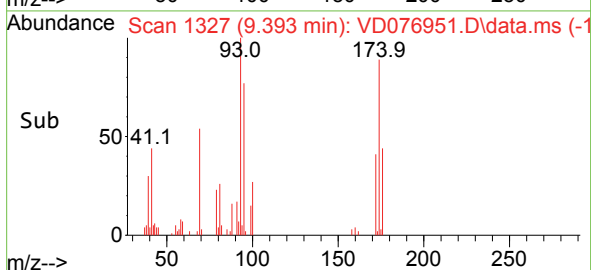
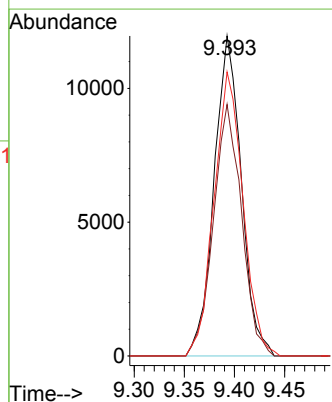
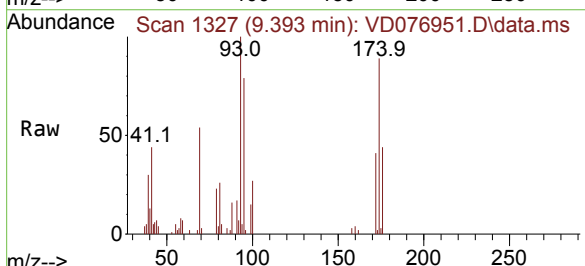
Tgt Ion: 93 Resp: 22529

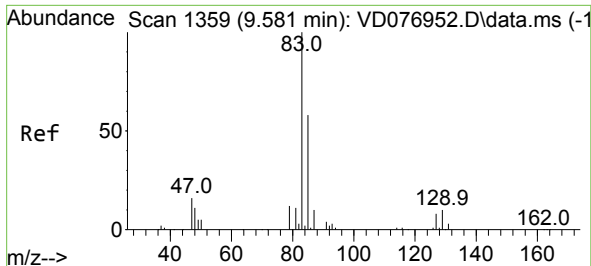
Ion Ratio Lower Upper

93 100

95 81.4 67.7 101.5

174 94.7 85.4 128.2

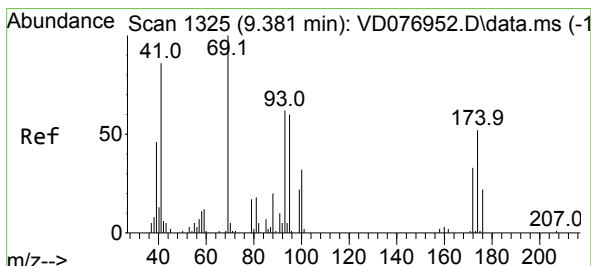
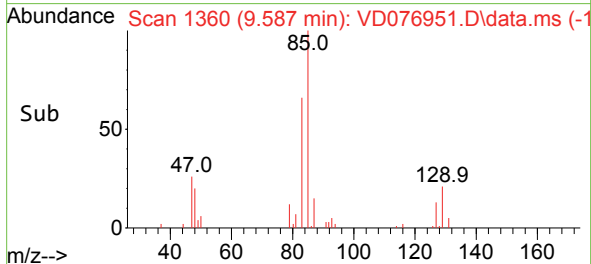
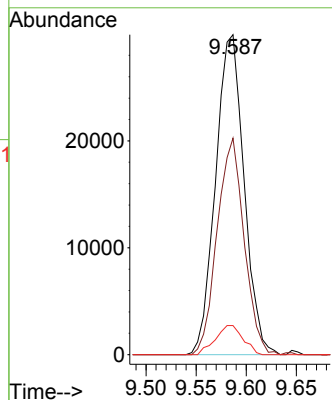
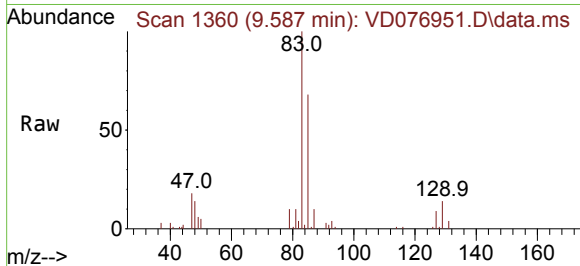




#47
Bromodichloromethane
Concen: 20.454 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

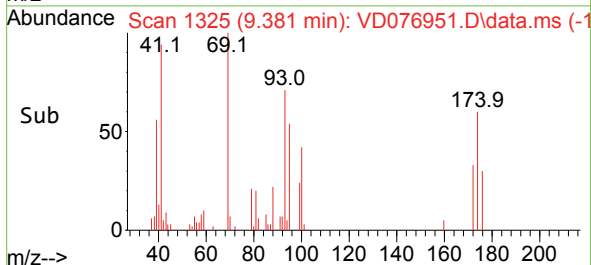
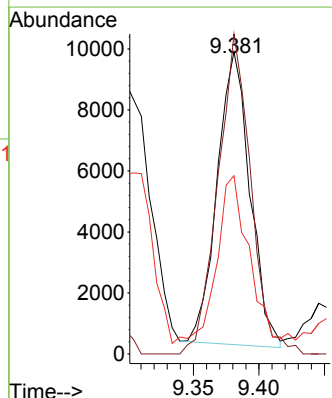
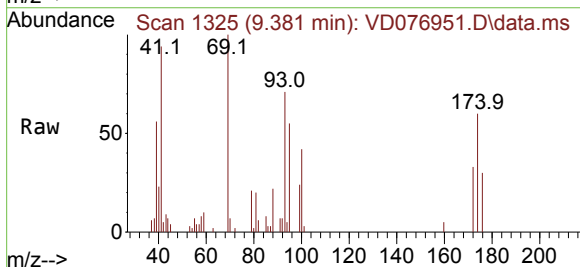
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

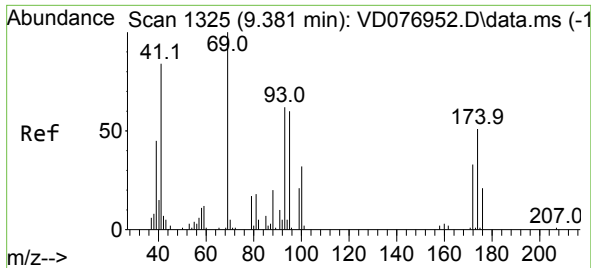
Tgt Ion:	83	Resp:	59031
Ion	Ratio	Lower	Upper
83	100		
85	67.6	50.2	75.4
127	9.1	6.3	9.5



#48
Methyl methacrylate
Concen: 20.127 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion:	41	Resp:	16675
Ion	Ratio	Lower	Upper
41	100		
69	110.1	102.2	153.2
39	63.5	41.4	62.2





#49

1,4-Dioxane

Concen: 376.951 ug/l

RT: 9.381 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

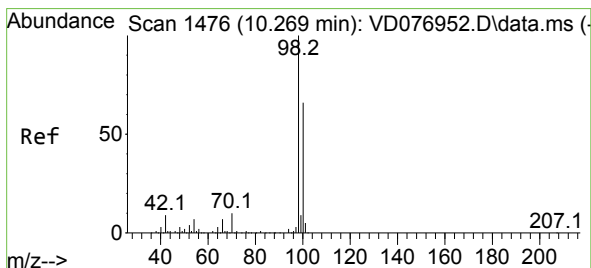
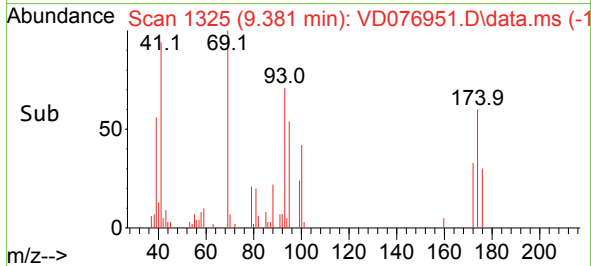
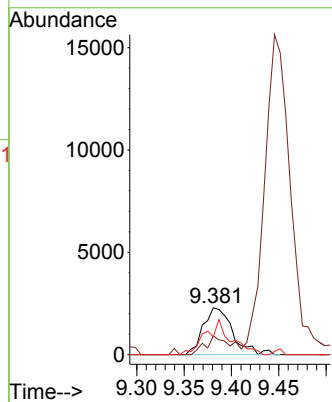
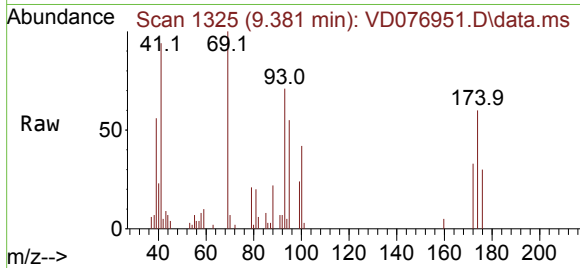
Tgt Ion: 88 Resp: 4957

Ion Ratio Lower Upper

88 100

43 33.9 19.0 28.6#

58 64.8 43.5 65.3



#50

Toluene-d8

Concen: 23.086 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076951.D

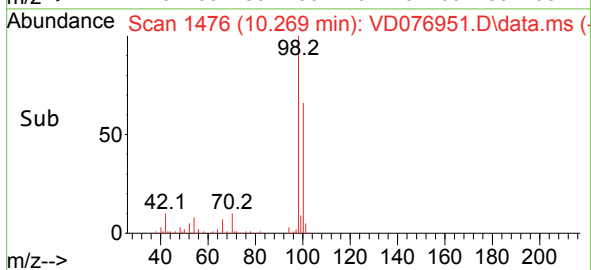
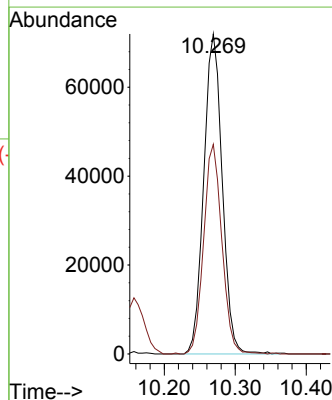
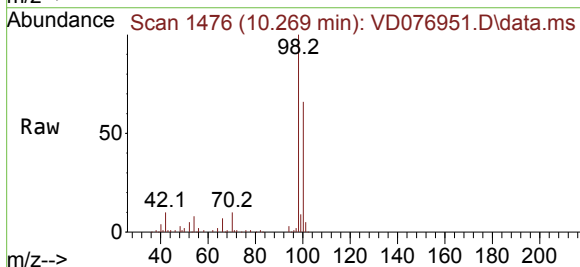
Acq: 08 Aug 2023 13:35

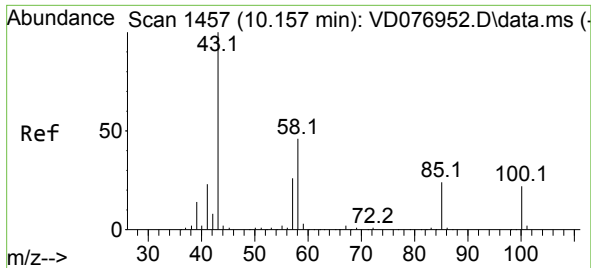
Tgt Ion: 98 Resp: 130288

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

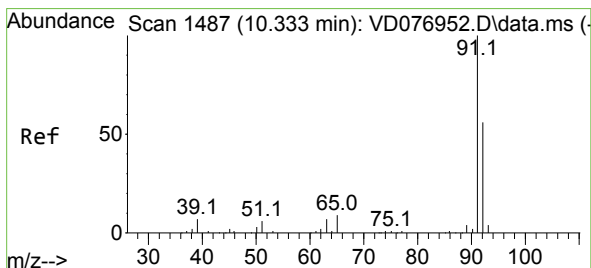
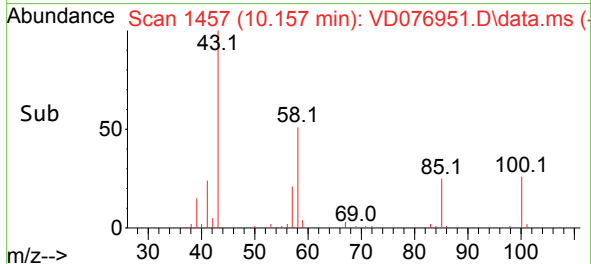
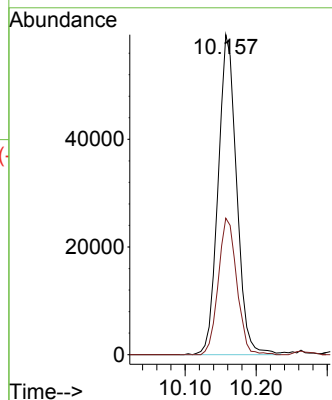
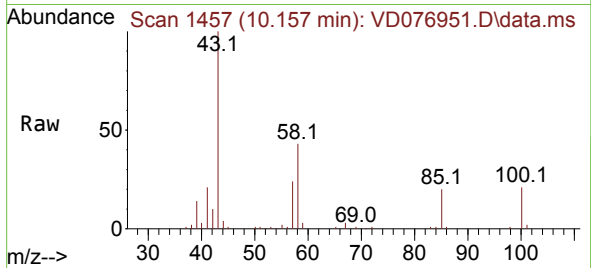




#51
4-Methyl-2-Pentanone
Concen: 103.200 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

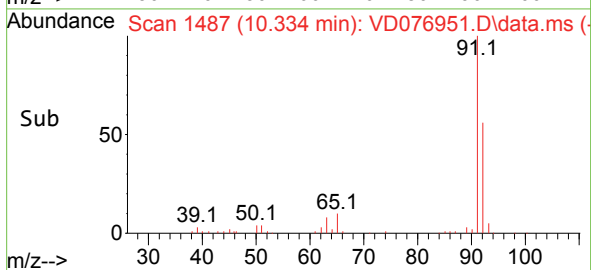
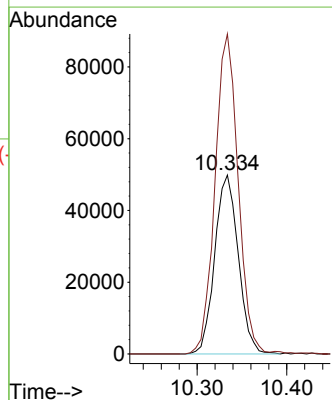
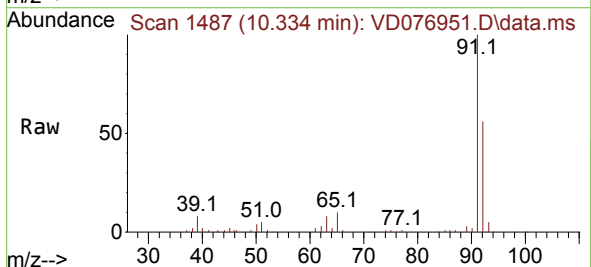
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

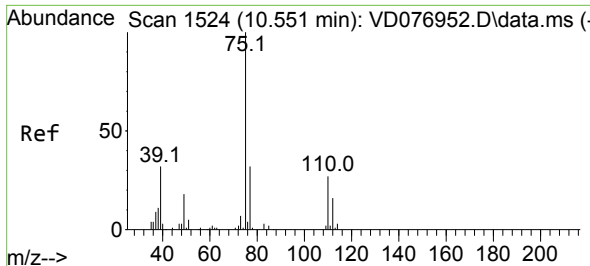
Tgt Ion: 43 Resp: 107328
Ion Ratio Lower Upper
43 100
58 42.6 38.9 58.3



#52
Toluene
Concen: 19.787 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 92 Resp: 90793
Ion Ratio Lower Upper
92 100
91 175.3 143.0 214.4

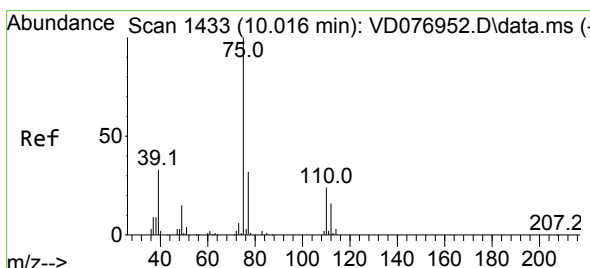
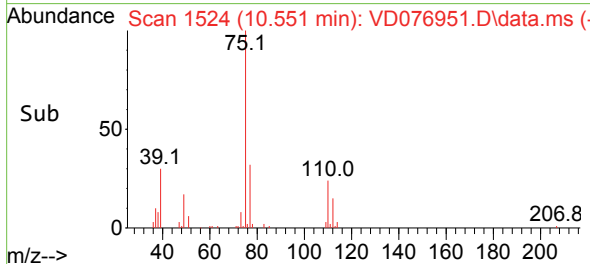
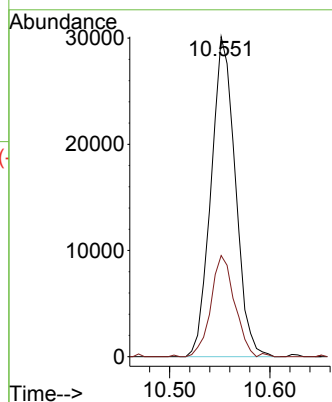
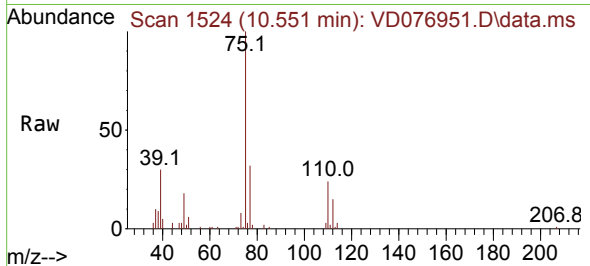




#53
t-1,3-Dichloropropene
Concen: 20.130 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

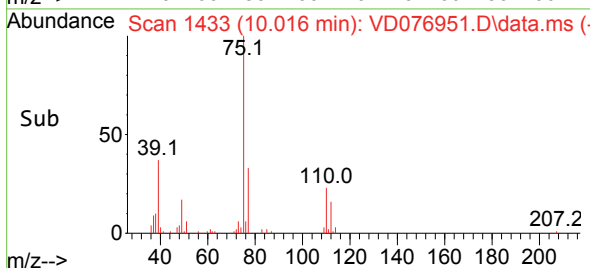
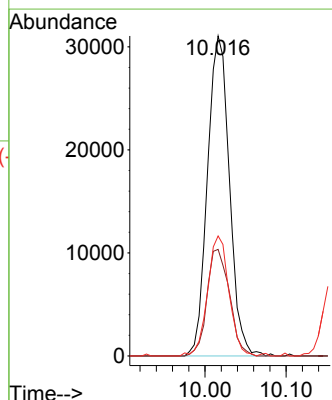
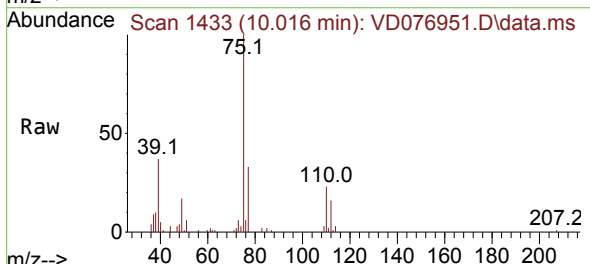
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

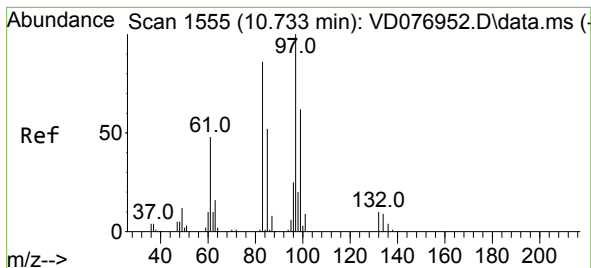
Tgt Ion: 75 Resp: 50683
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.987 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 75 Resp: 58366
Ion Ratio Lower Upper
75 100
77 33.3 25.5 38.3
39 37.5 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 20.752 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 34648

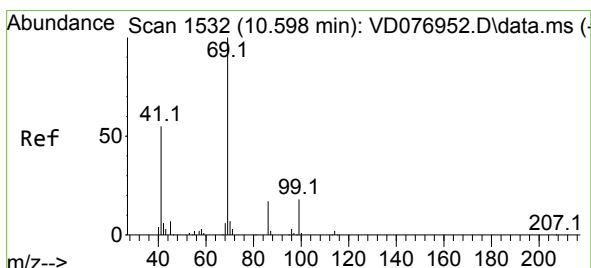
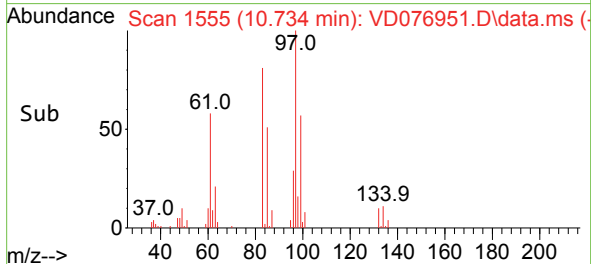
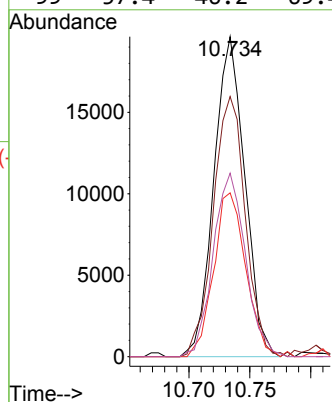
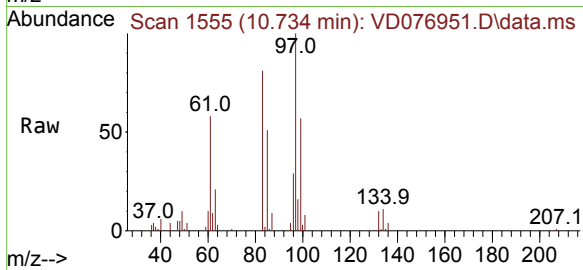
Ion Ratio Lower Upper

97 100

83 81.3 65.8 98.6

85 51.2 45.7 68.5

99 57.4 46.2 69.4



#56

Ethyl methacrylate

Concen: 19.881 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

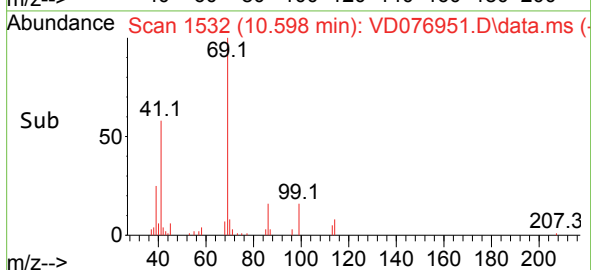
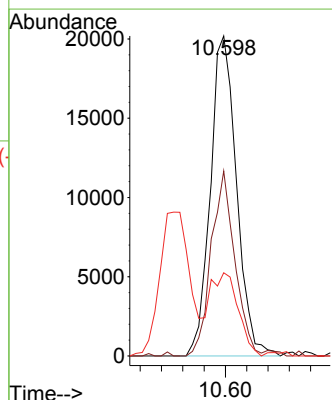
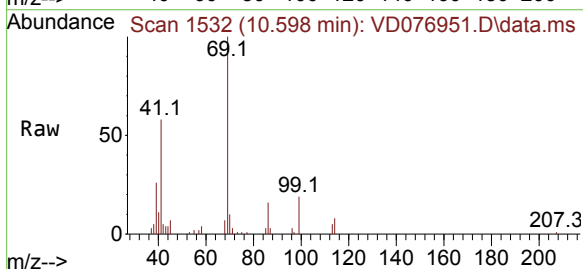
Tgt Ion: 69 Resp: 34404

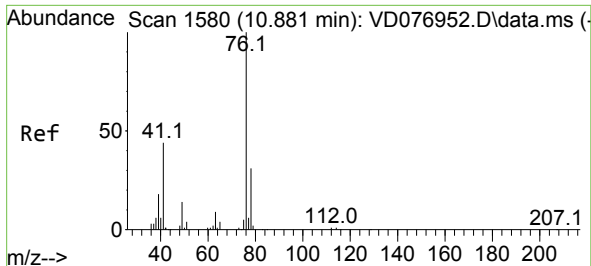
Ion Ratio Lower Upper

69 100

41 52.3 39.1 58.7

39 29.3 20.0 30.0





#57

1,3-Dichloropropane

Concen: 20.136 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

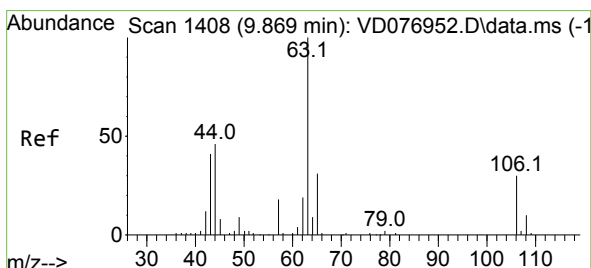
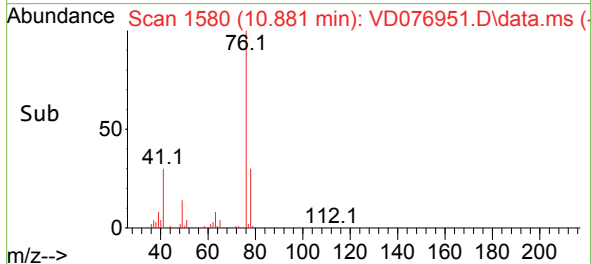
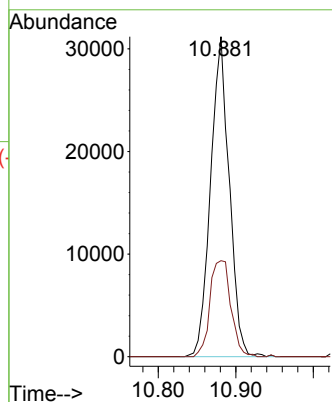
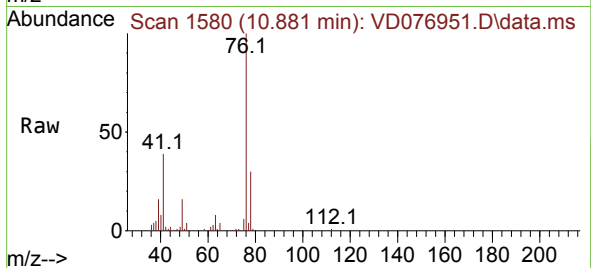
VSTDIC020

Tgt Ion: 76 Resp: 52231

Ion Ratio Lower Upper

76 100

78 33.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 108.908 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076951.D

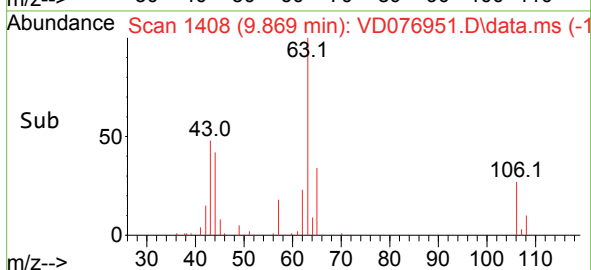
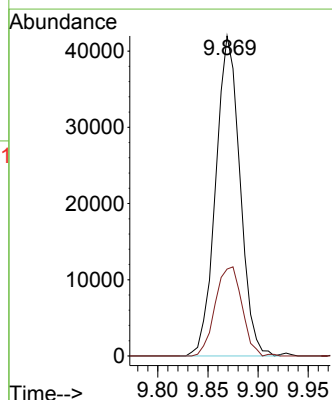
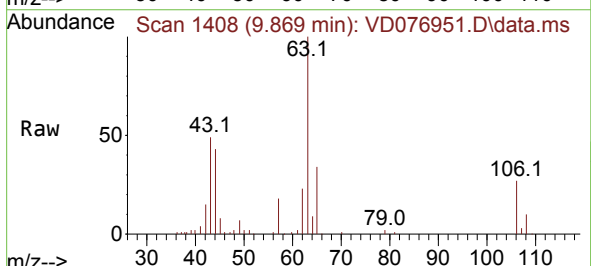
Acq: 08 Aug 2023 13:35

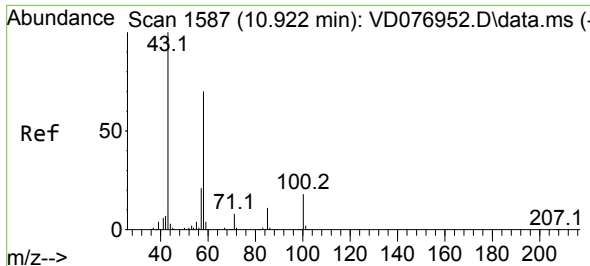
Tgt Ion: 63 Resp: 70849

Ion Ratio Lower Upper

63 100

106 30.6 25.3 37.9

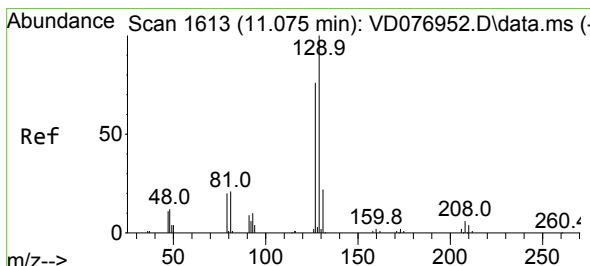
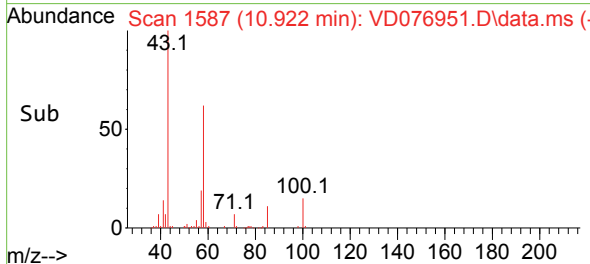
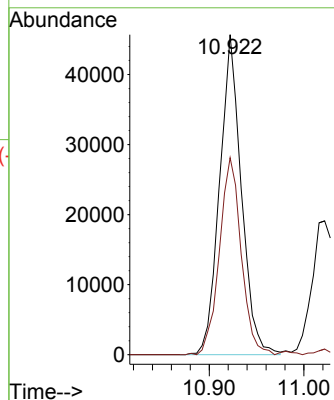
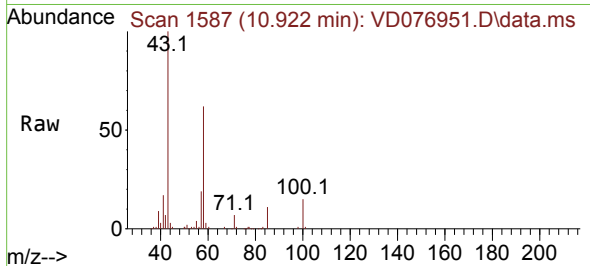




#59
2-Hexanone
Concen: 102.914 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

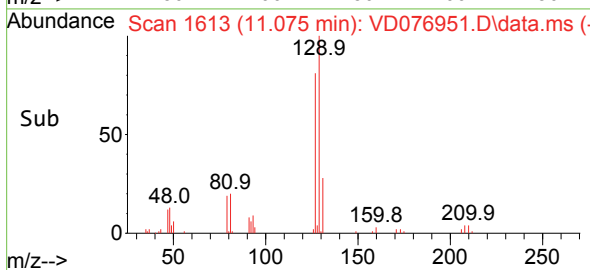
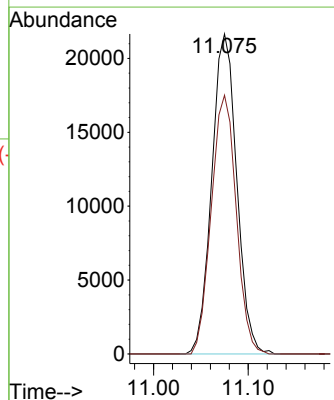
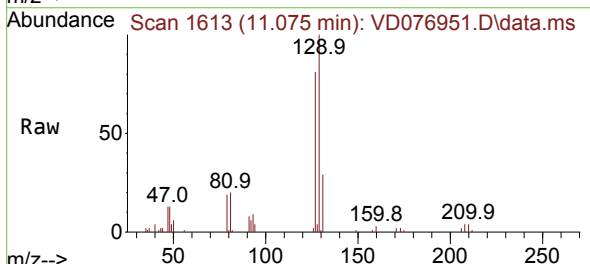
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

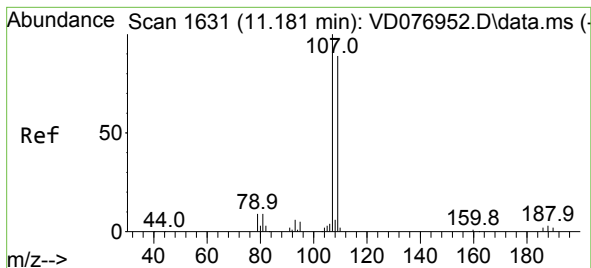
Tgt Ion: 43 Resp: 72856
Ion Ratio Lower Upper
43 100
58 61.7 34.1 102.2



#60
Dibromochloromethane
Concen: 19.719 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 129 Resp: 39706
Ion Ratio Lower Upper
129 100
127 80.6 37.1 111.5

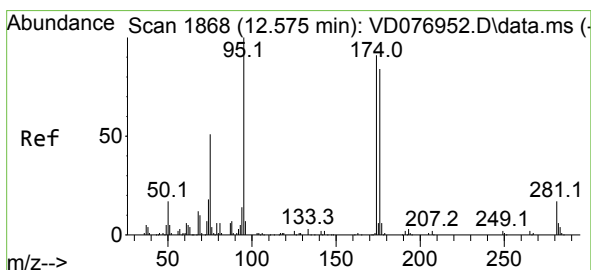
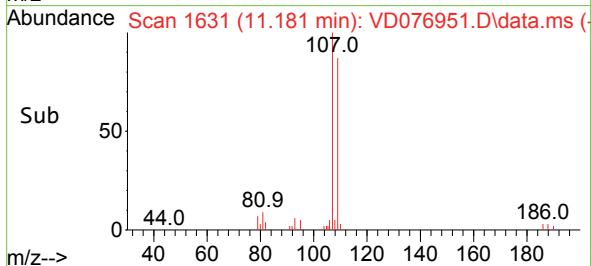
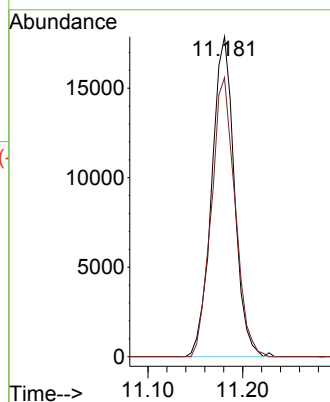
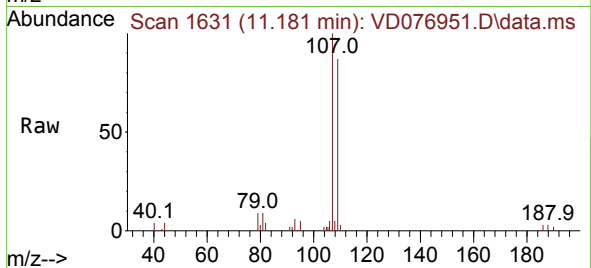




#61
1,2-Dibromoethane
Concen: 19.950 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

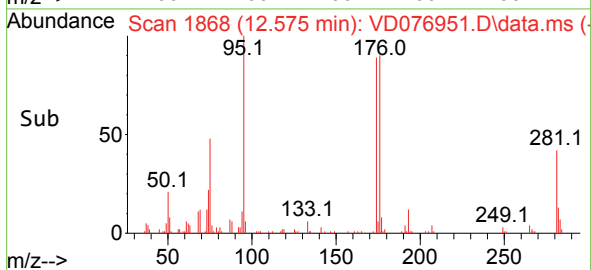
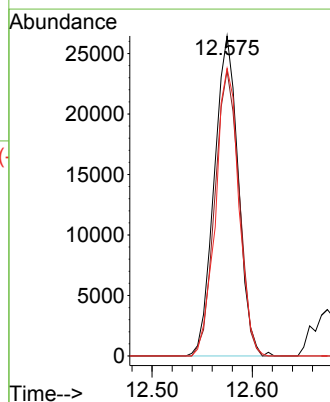
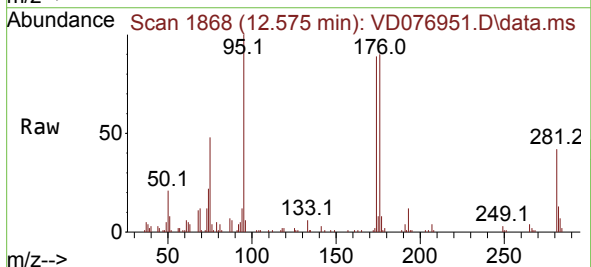
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

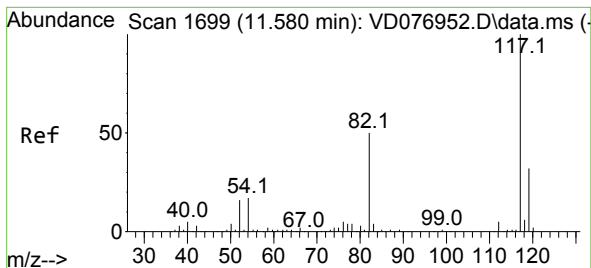
Tgt Ion:107 Resp: 29622
Ion Ratio Lower Upper
107 100
109 91.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 22.349 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 95 Resp: 44093
Ion Ratio Lower Upper
95 100
174 89.4 0.0 201.8
176 87.1 0.0 191.8

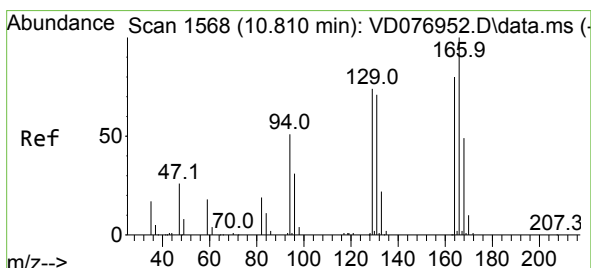
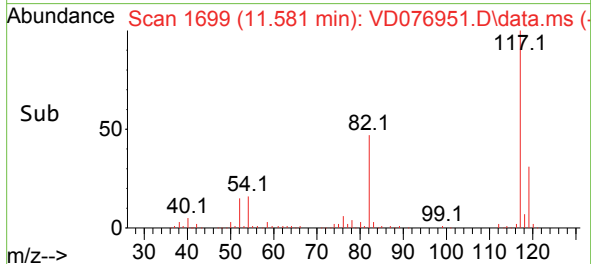
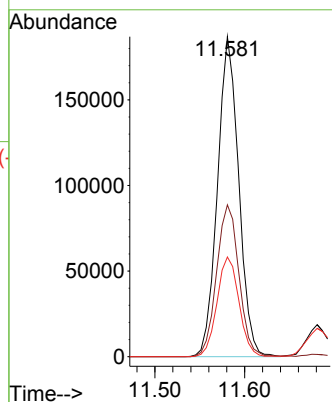
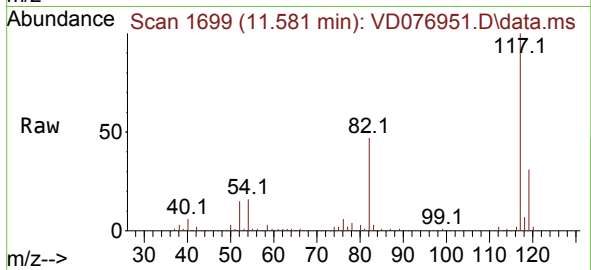




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

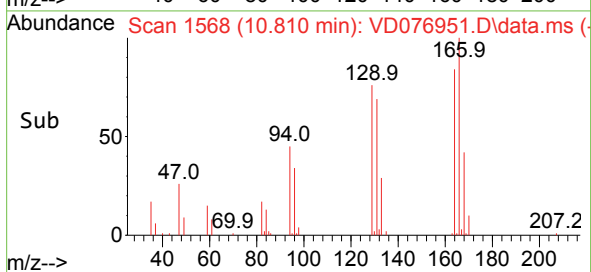
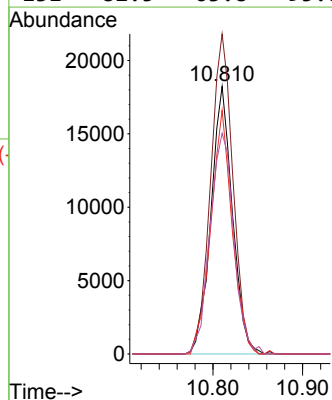
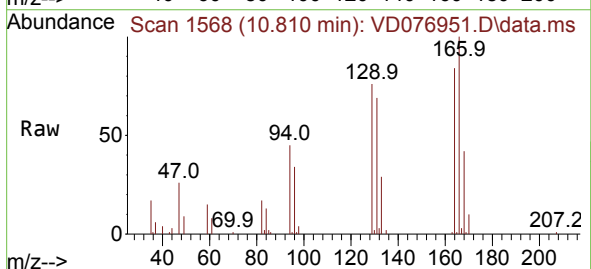
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

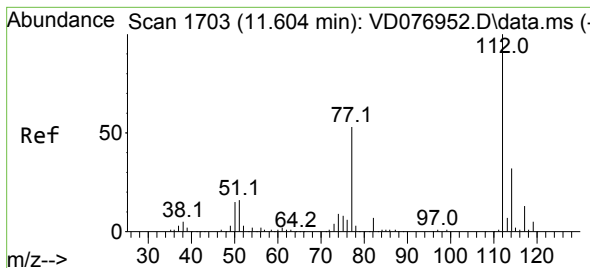
Tgt Ion:117 Resp: 307127
Ion Ratio Lower Upper
117 100
82 47.5 38.3 57.5
119 31.2 25.0 37.4



#64
Tetrachloroethene
Concen: 19.625 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion:164 Resp: 30340
Ion Ratio Lower Upper
164 100
166 119.6 99.2 148.8
129 91.0 68.4 102.6
131 82.5 63.8 95.8





#65

Chlorobenzene

Concen: 19.947 ug/l

RT: 11.604 min Scan# 1120

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

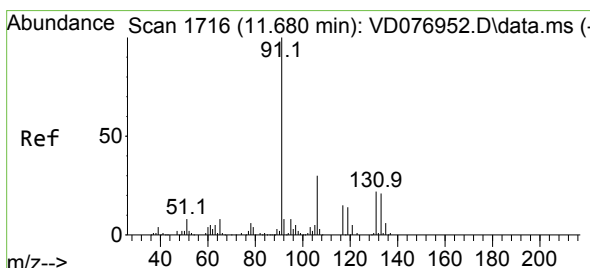
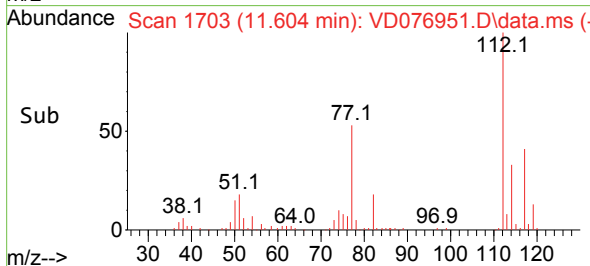
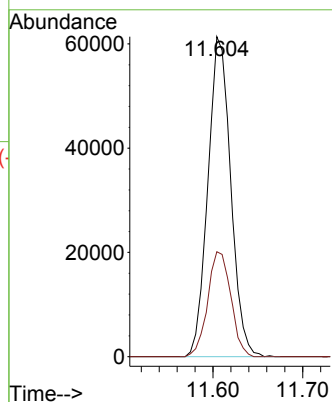
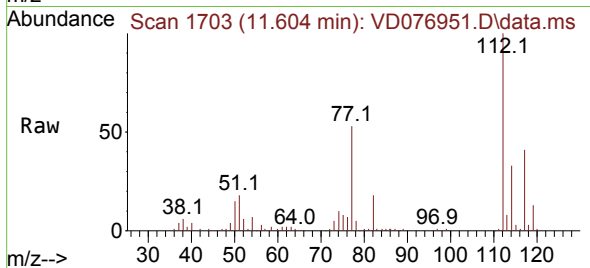
VSTDICC020

Tgt Ion:112 Resp: 108383

Ion Ratio Lower Upper

112 100

114 32.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 19.276 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

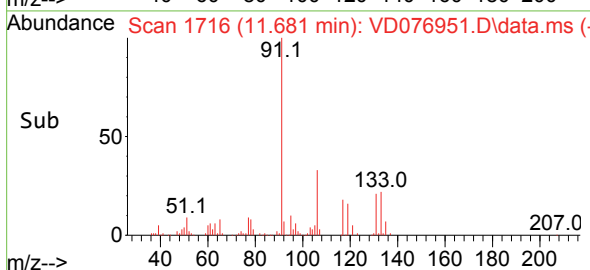
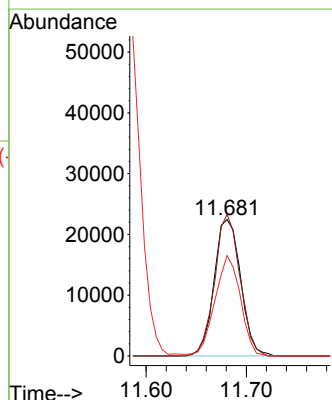
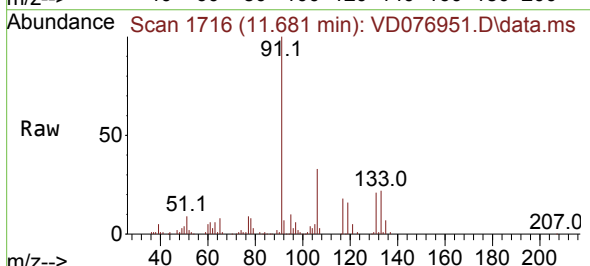
Tgt Ion:131 Resp: 41329

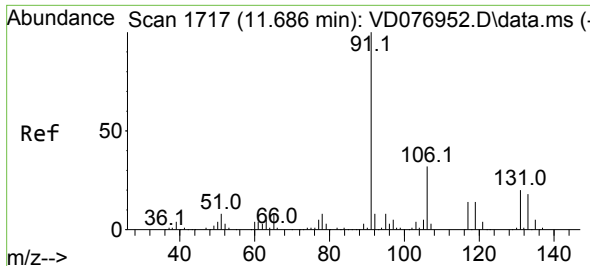
Ion Ratio Lower Upper

131 100

133 98.9 48.5 145.5

119 70.3 35.6 106.9





#67

Ethyl Benzene

Concen: 19.678 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

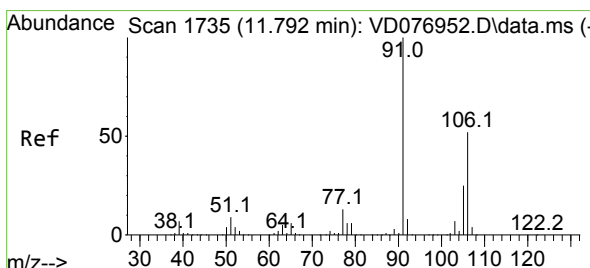
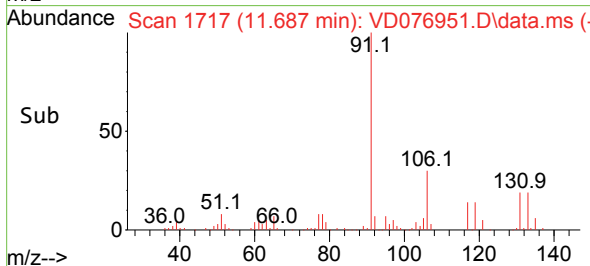
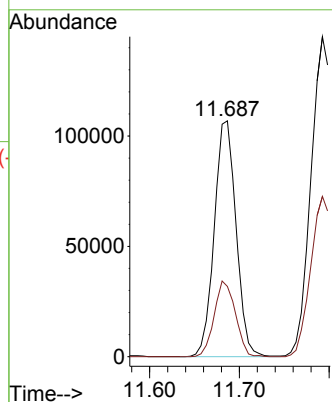
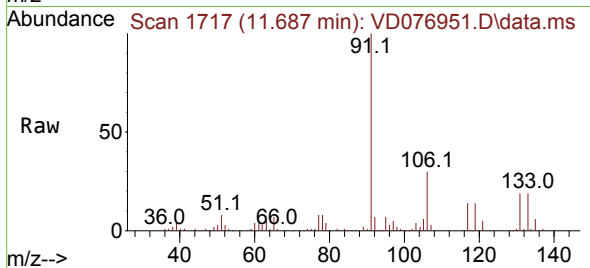
VSTDIC020

Tgt Ion: 91 Resp: 180385

Ion Ratio Lower Upper

91 100

106 29.8 26.5 39.7



#68

m/p-Xylenes

Concen: 39.024 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD076951.D

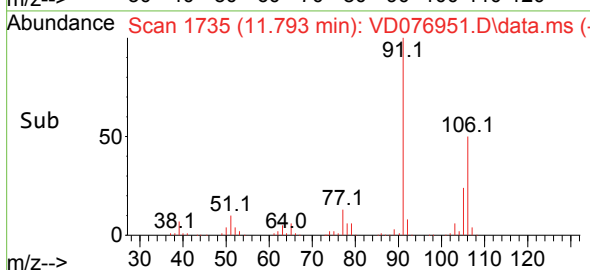
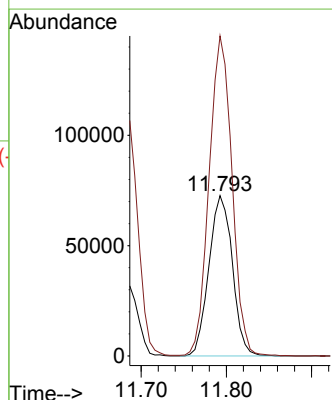
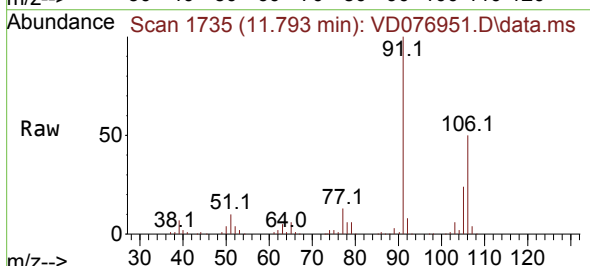
Acq: 08 Aug 2023 13:35

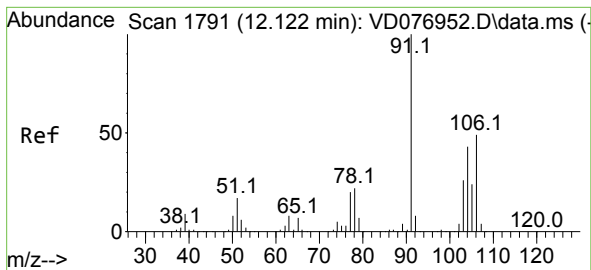
Tgt Ion: 106 Resp: 138938

Ion Ratio Lower Upper

106 100

91 195.1 147.0 220.6





#69

o-Xylene

Concen: 19.062 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

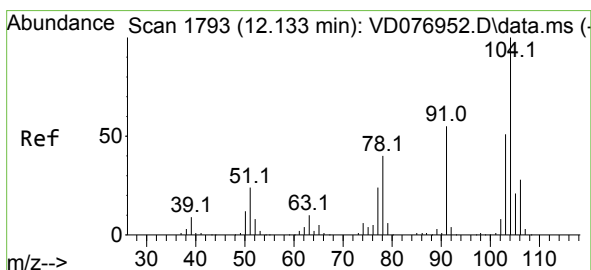
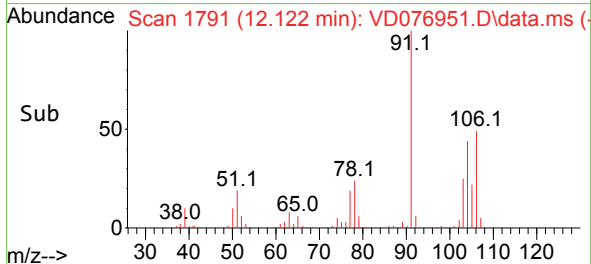
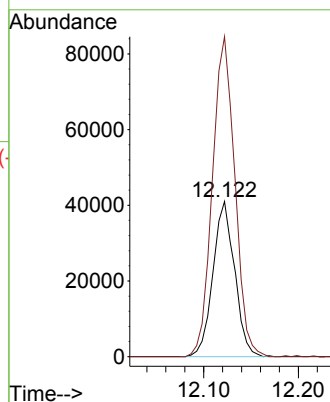
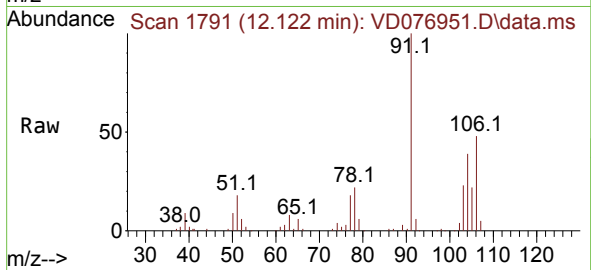
VSTDIC020

Tgt Ion:106 Resp: 65084

Ion Ratio Lower Upper

106 100

91 213.6 97.9 293.6



#70

Styrene

Concen: 19.781 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

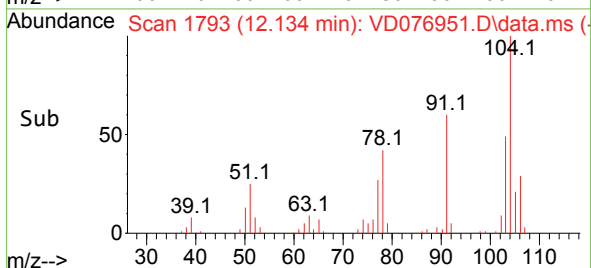
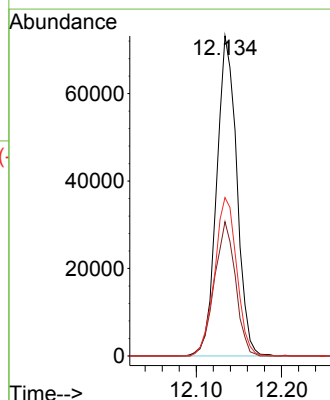
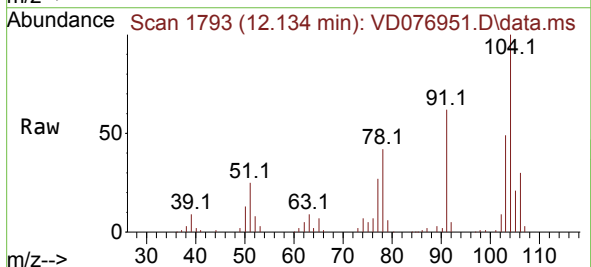
Tgt Ion:104 Resp: 120403

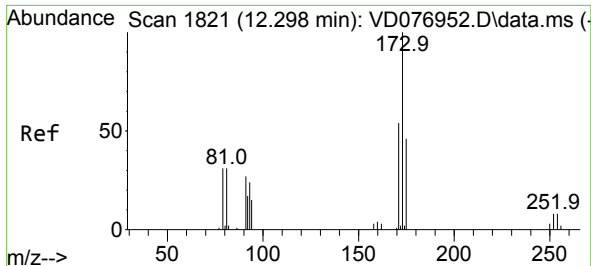
Ion Ratio Lower Upper

104 100

78 44.1 33.2 49.8

103 54.4 43.6 65.4

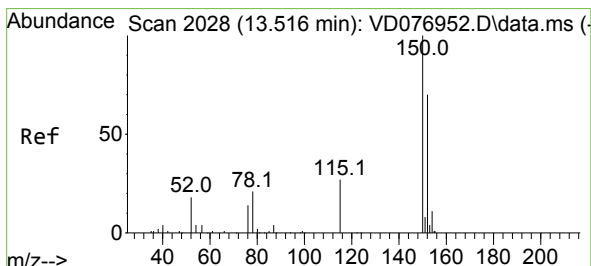
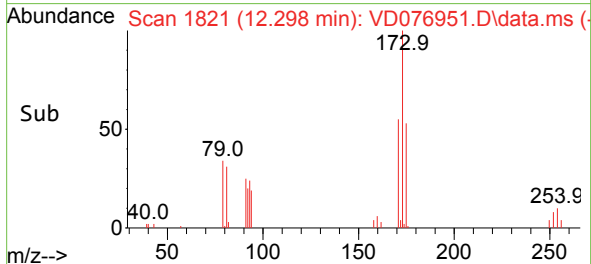
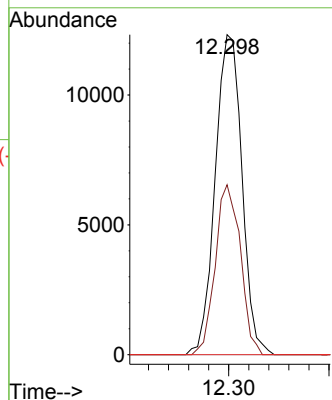
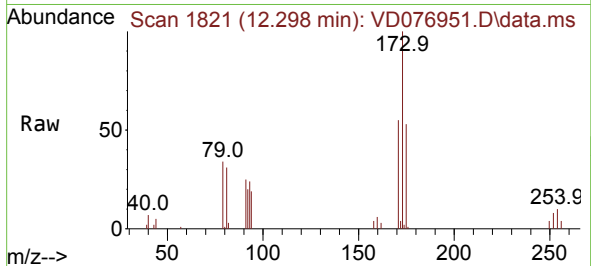




#71
Bromoform
Concen: 19.200 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

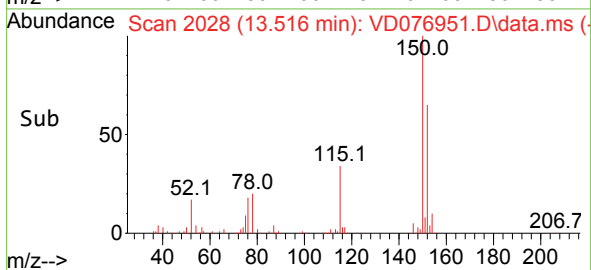
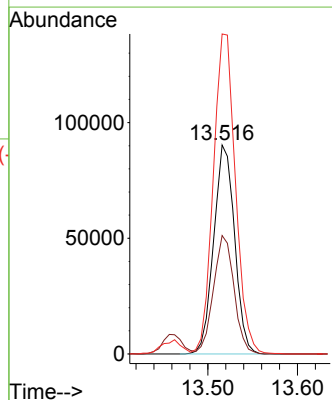
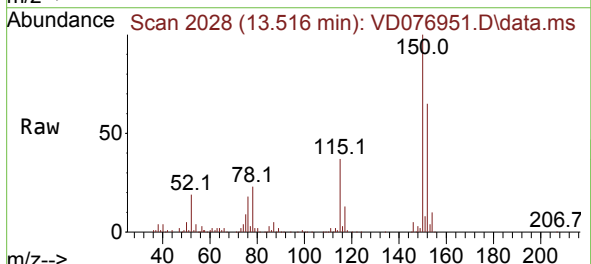
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

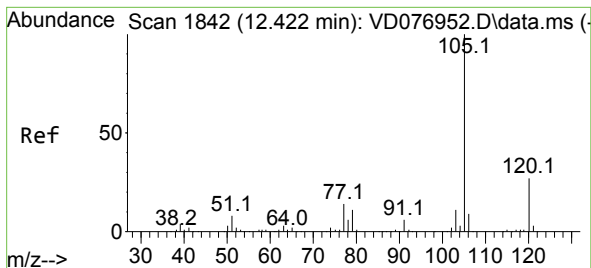
Tgt Ion:173 Resp: 22822
Ion Ratio Lower Upper
173 100
175 49.9 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion:152 Resp: 146189
Ion Ratio Lower Upper
152 100
115 55.7 27.1 81.3
150 162.2 0.0 353.6





#73

Isopropylbenzene

Concen: 19.540 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

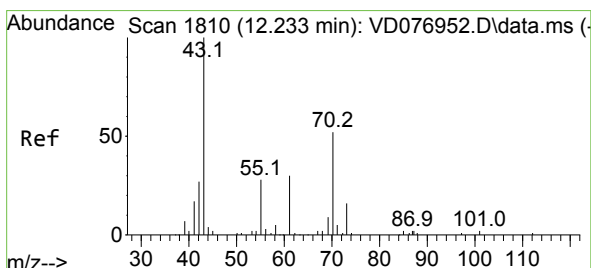
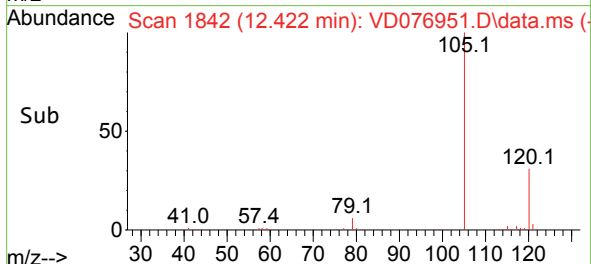
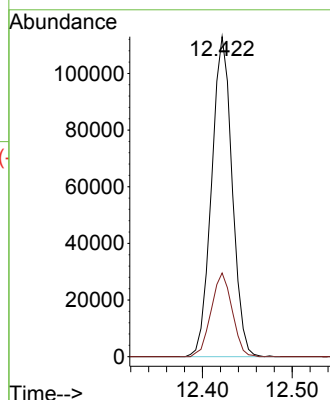
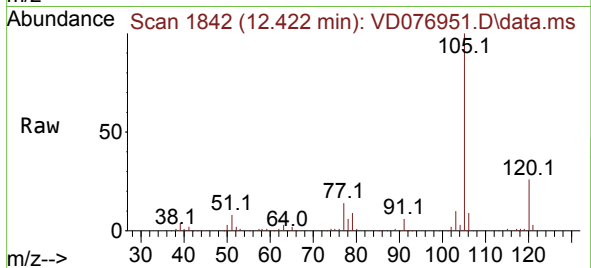
VSTDICC020

Tgt Ion:105 Resp: 179755

Ion Ratio Lower Upper

105 100

120 26.6 14.3 42.9



#74

N-ethyl acetate

Concen: 20.232 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Tgt Ion: 43 Resp: 37082

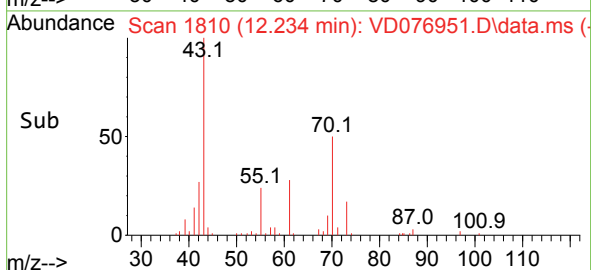
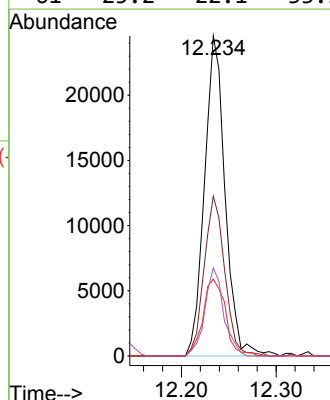
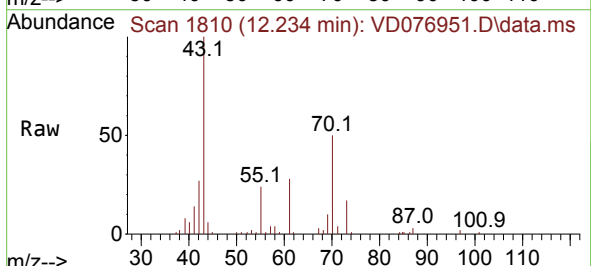
Ion Ratio Lower Upper

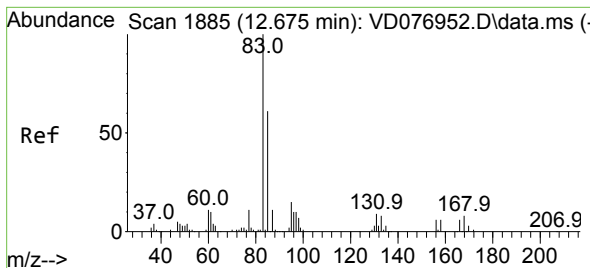
43 100

70 49.7 45.0 67.4

55 26.2 23.8 35.6

61 25.2 22.1 33.1

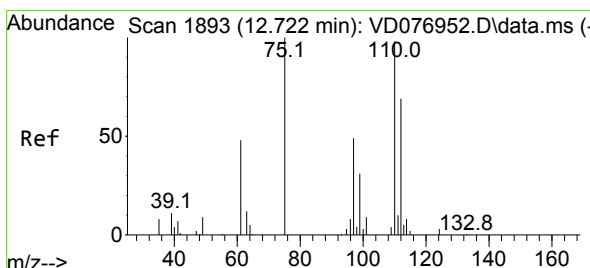
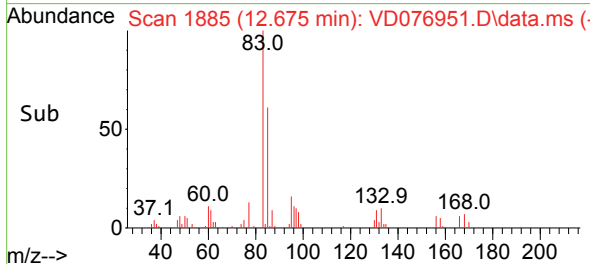
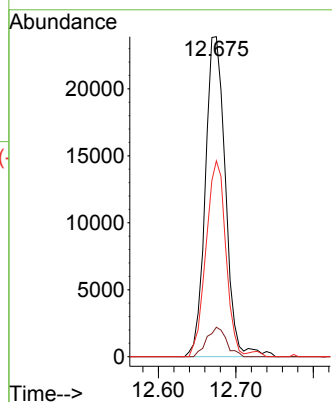
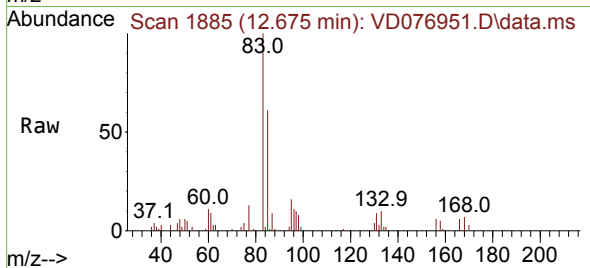




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.239 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD076951.D
 Acq: 08 Aug 2023 13:35

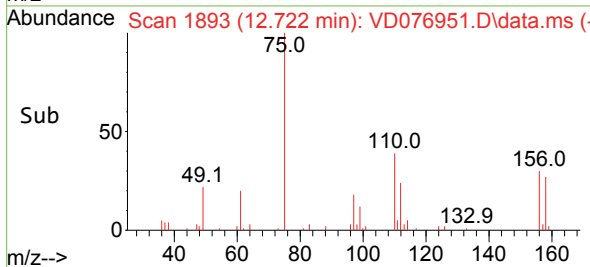
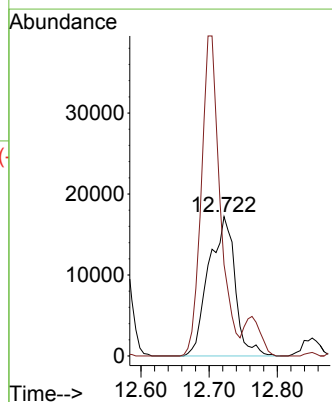
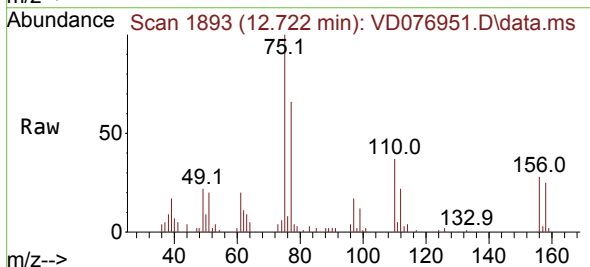
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

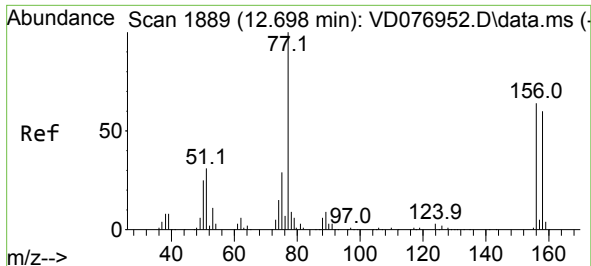
Tgt Ion: 83 Resp: 43052
 Ion Ratio Lower Upper
 83 100
 131 9.0 5.1 15.3
 85 60.1 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 33.845 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD076951.D
 Acq: 08 Aug 2023 13:35

Tgt Ion: 75 Resp: 46415
 Ion Ratio Lower Upper
 75 100
 77 163.7 0.0 0.0#

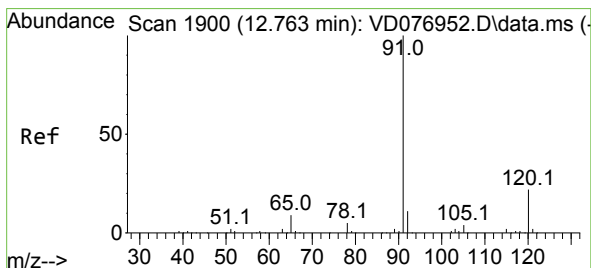
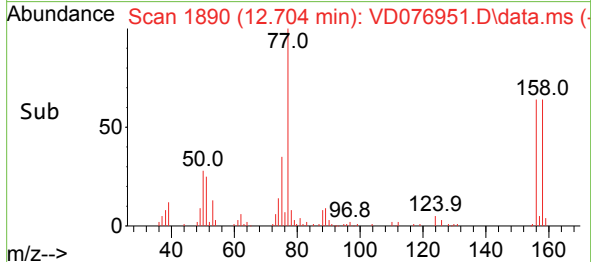
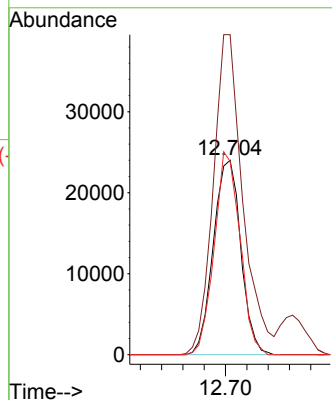
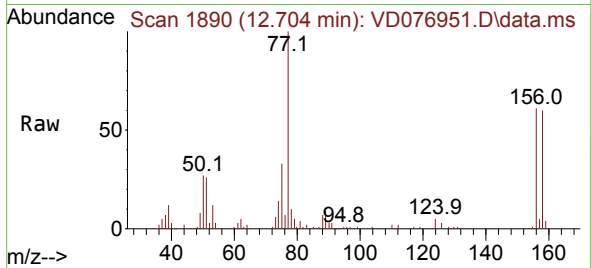




#77
Bromobenzene
Concen: 19.189 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

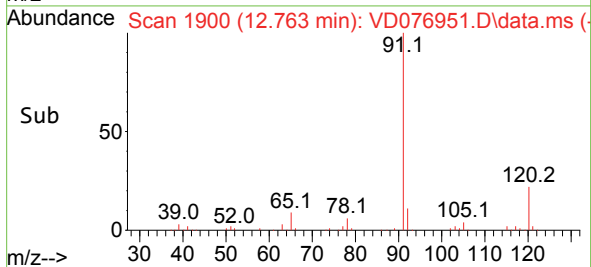
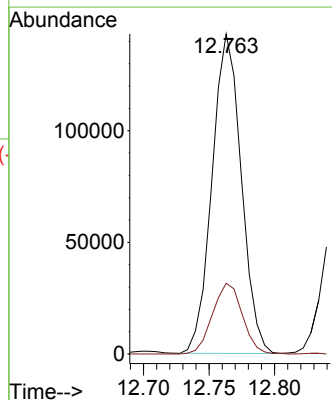
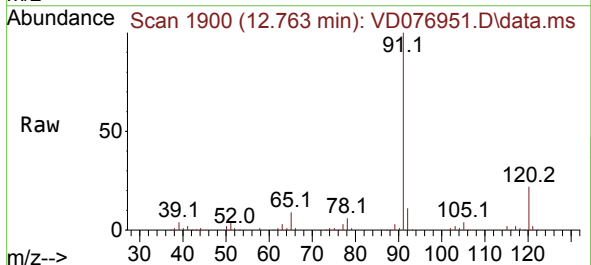
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

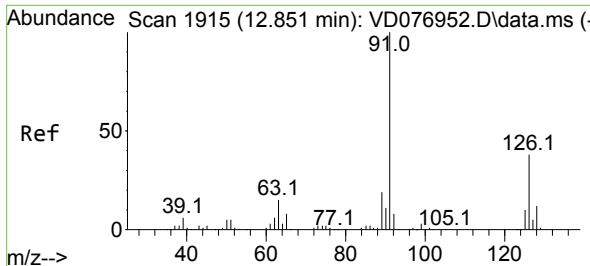
Tgt Ion:156 Resp: 42955
Ion Ratio Lower Upper
156 100
77 176.9 76.8 230.4
158 97.8 48.6 145.9



#78
n-propylbenzene
Concen: 19.806 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 91 Resp: 221637
Ion Ratio Lower Upper
91 100
120 22.5 12.4 37.2

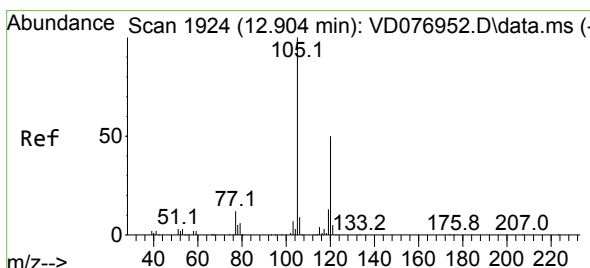
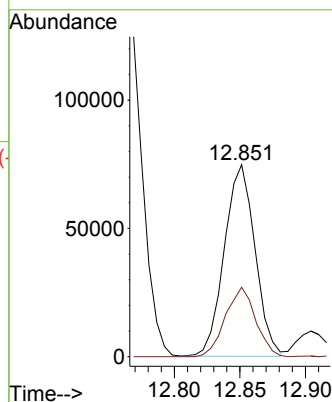
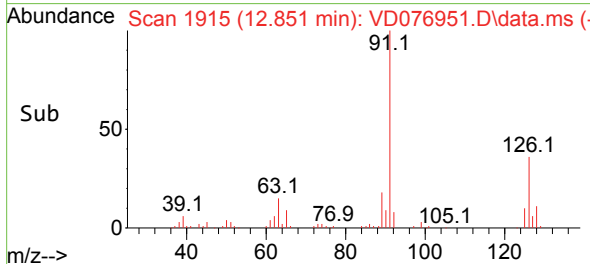
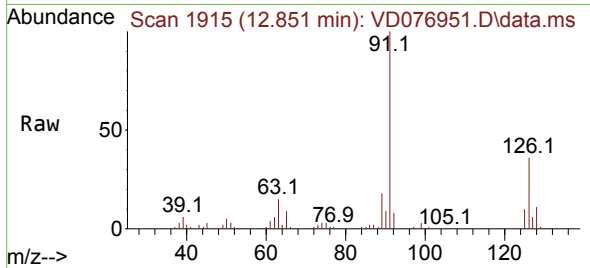




#79
2-Chlorotoluene
Concen: 19.754 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

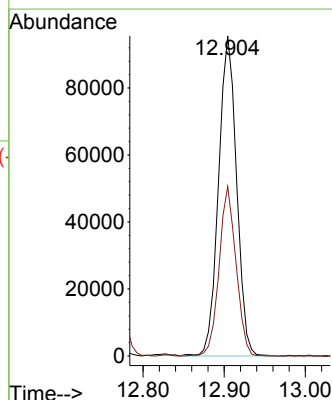
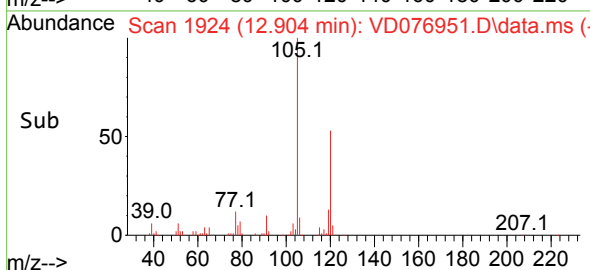
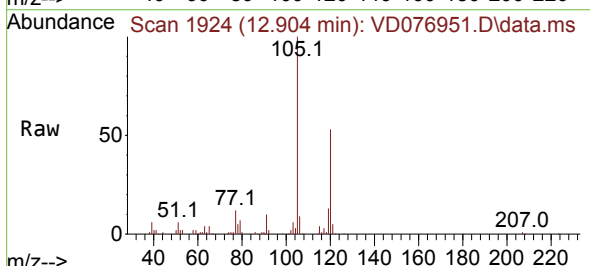
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

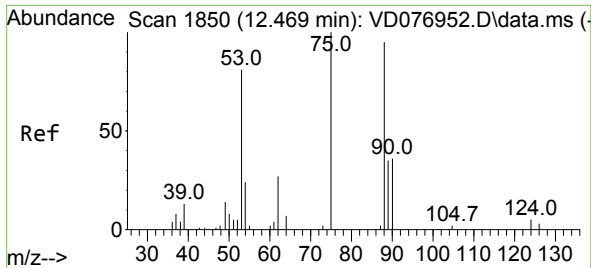
Tgt Ion: 91 Resp: 121537
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.790 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 105 Resp: 147773
Ion Ratio Lower Upper
105 100
120 49.7 26.4 79.2

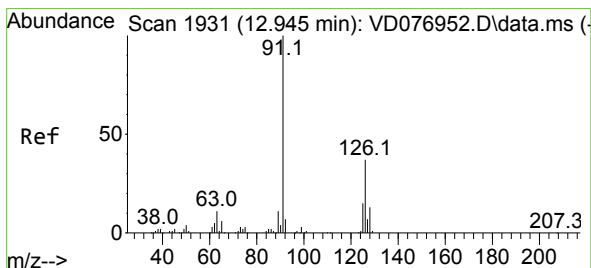
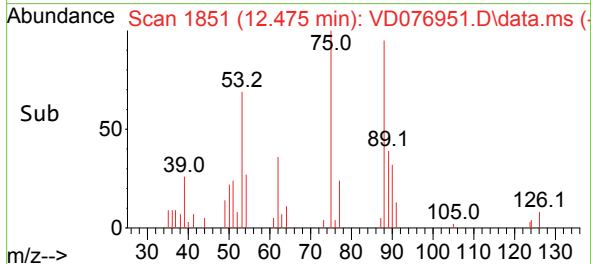
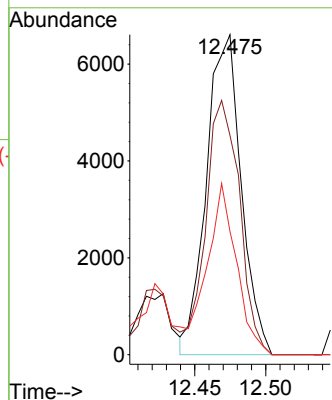
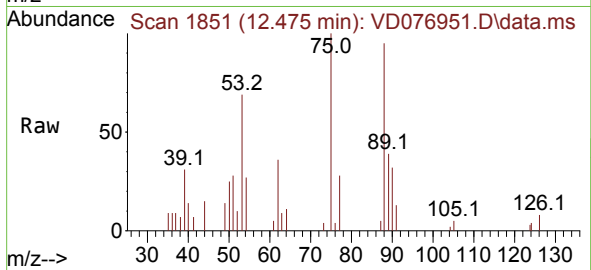




#81
trans-1,4-Dichloro-2-butene
Concen: 19.261 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

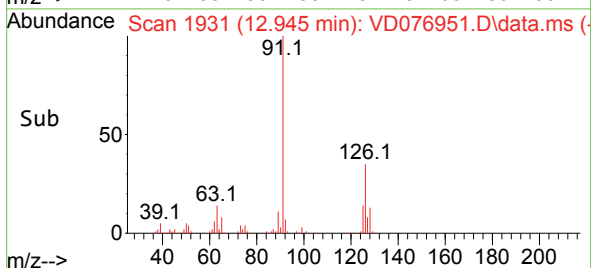
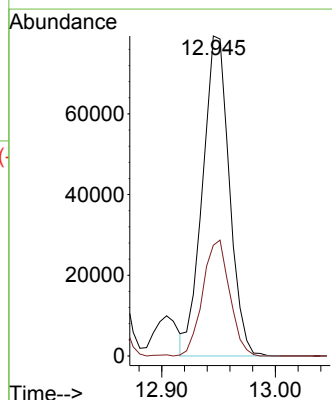
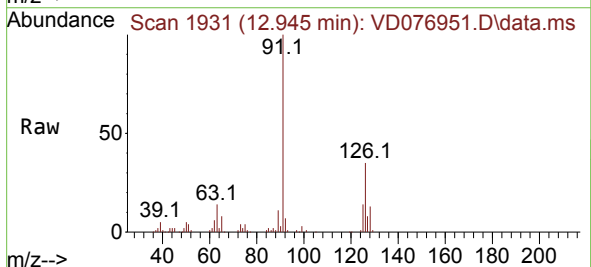
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

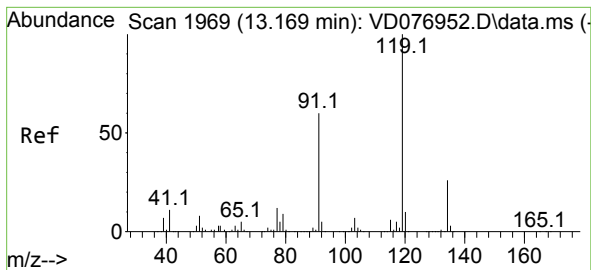
Tgt Ion: 75 Resp: 11243
Ion Ratio Lower Upper
75 100
53 77.6 63.0 94.4
89 44.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.157 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion: 91 Resp: 129794
Ion Ratio Lower Upper
91 100
126 36.3 19.4 58.4





#83

tert-Butylbenzene

Concen: 19.018 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

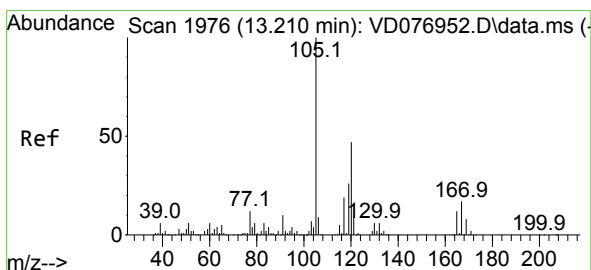
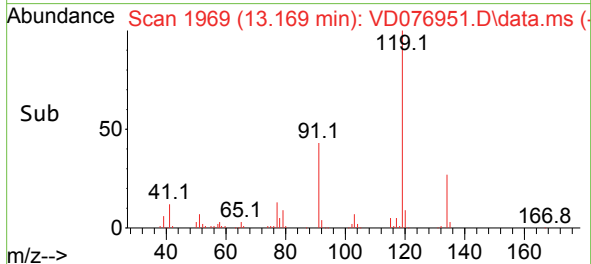
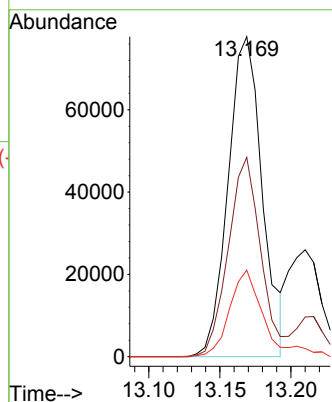
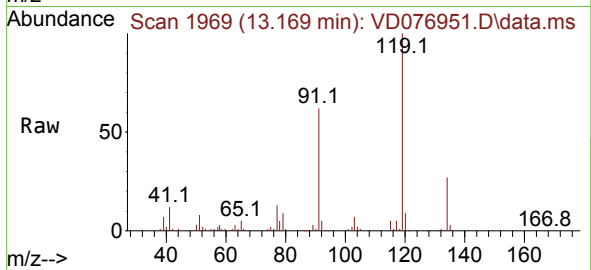
Tgt Ion:119 Resp: 130215

Ion Ratio Lower Upper

119 100

91 58.7 29.3 87.8

134 27.2 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 19.743 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD076951.D

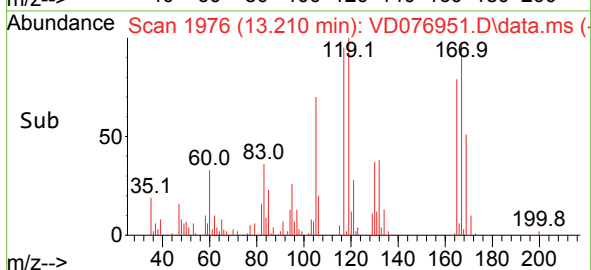
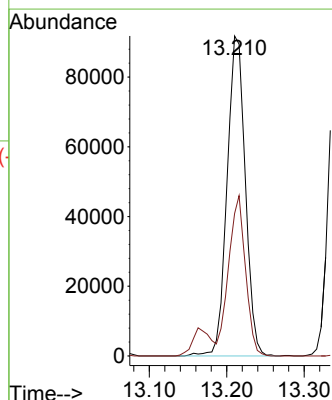
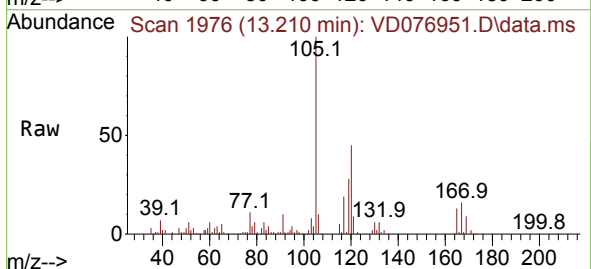
Acq: 08 Aug 2023 13:35

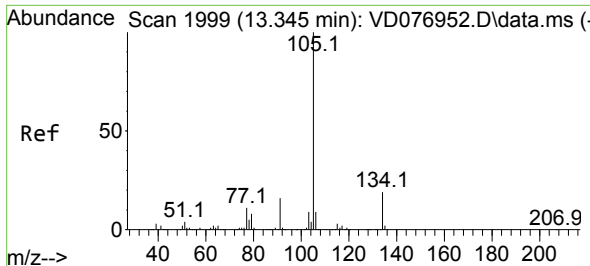
Tgt Ion:105 Resp: 150219

Ion Ratio Lower Upper

105 100

120 46.4 24.3 72.9

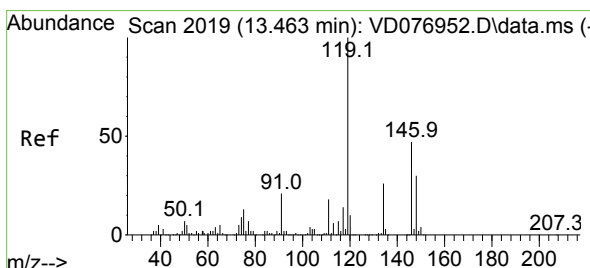
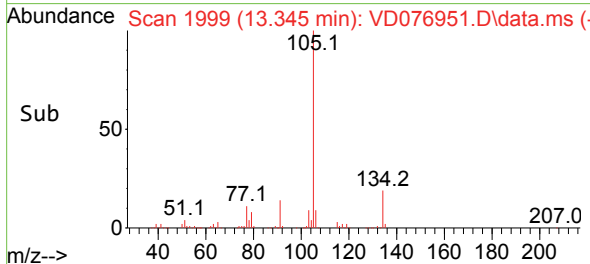
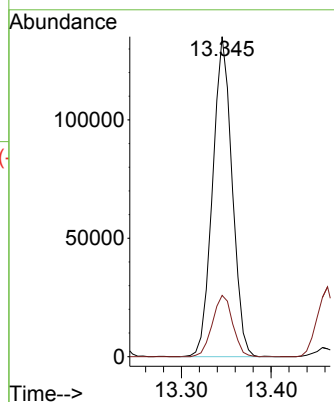
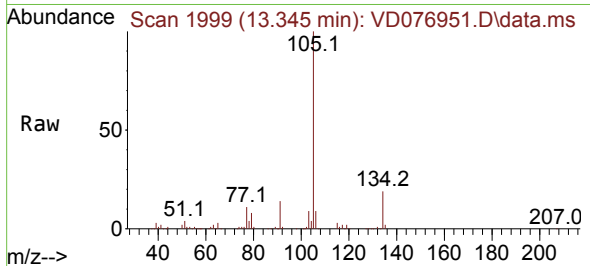




#85
 sec-Butylbenzene
 Concen: 19.729 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076951.D
 Acq: 08 Aug 2023 13:35

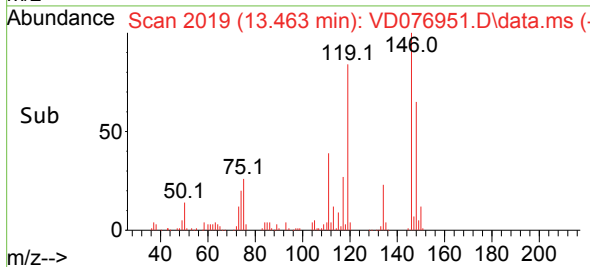
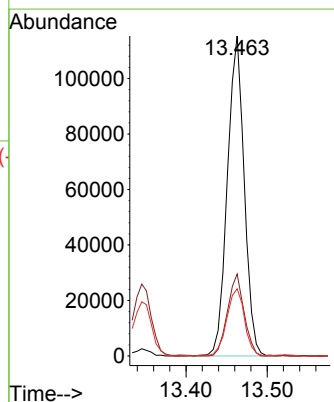
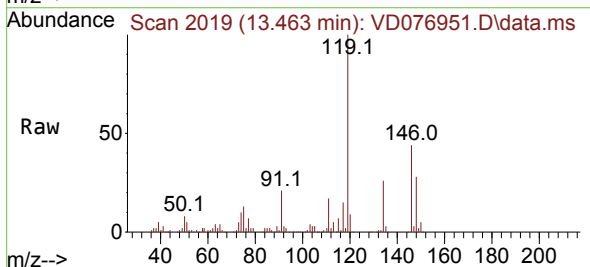
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

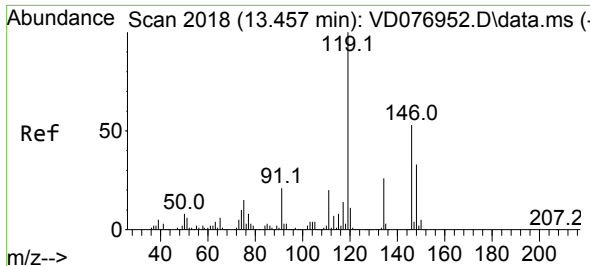
Tgt Ion:105 Resp: 204066
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 19.466 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD076951.D
 Acq: 08 Aug 2023 13:35

Tgt Ion:119 Resp: 166302
 Ion Ratio Lower Upper
 119 100
 134 25.1 14.2 42.6
 91 22.3 10.5 31.5

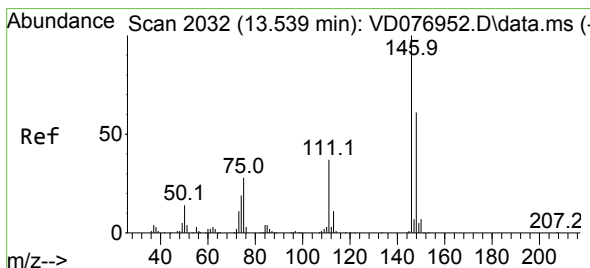
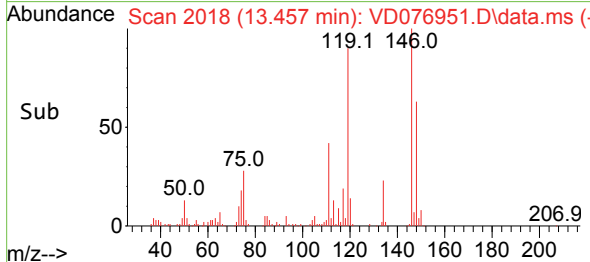
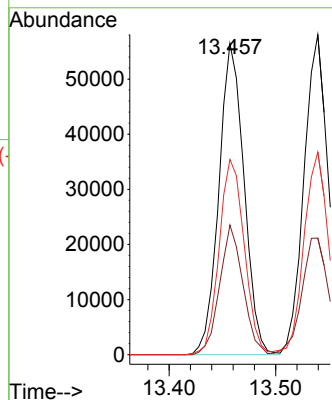
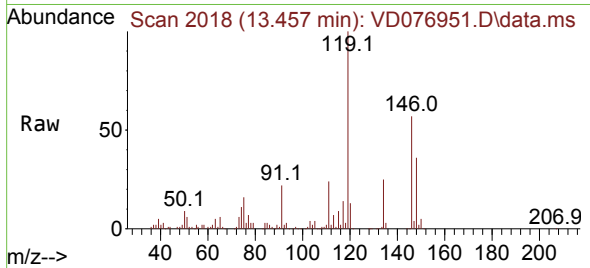




#87
1,3-Dichlorobenzene
Concen: 19.952 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

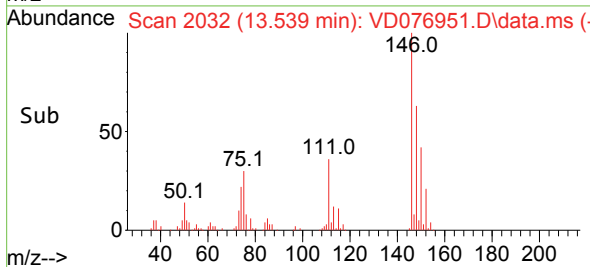
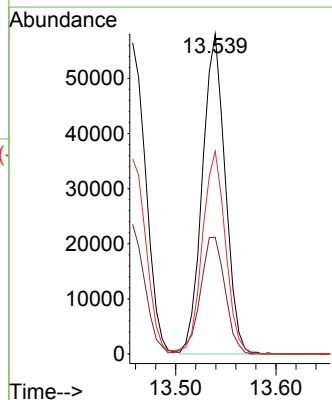
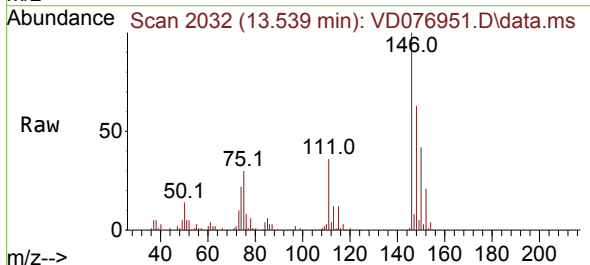
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

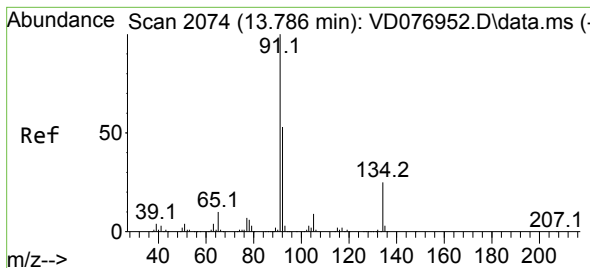
Tgt Ion:146 Resp: 92643
Ion Ratio Lower Upper
146 100
111 38.5 17.9 53.8
148 62.8 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 19.864 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion:146 Resp: 91955
Ion Ratio Lower Upper
146 100
111 39.6 17.4 52.3
148 63.9 31.7 95.1





#89

n-Butylbenzene

Concen: 19.532 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

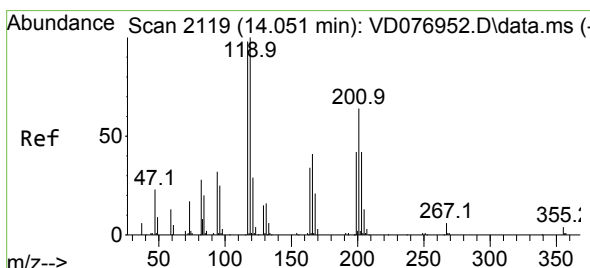
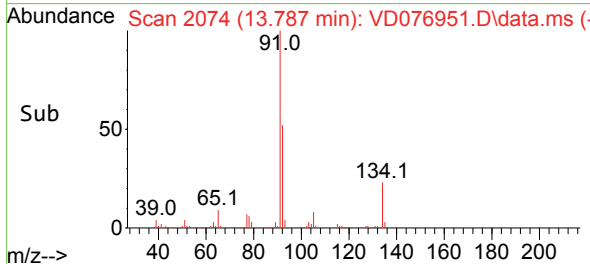
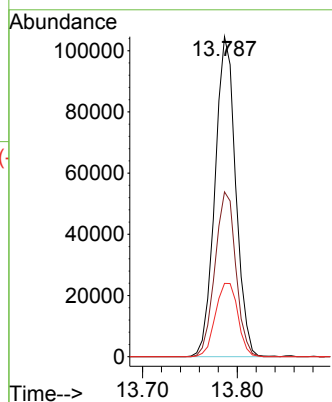
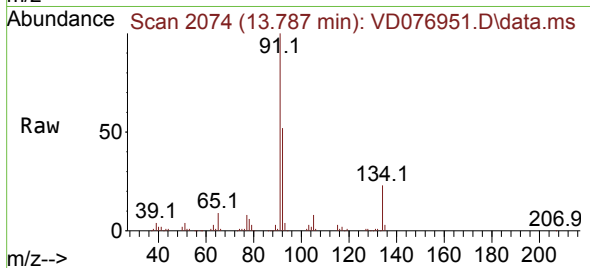
Tgt Ion: 91 Resp: 158951

Ion Ratio Lower Upper

91 100

92 52.1 26.5 79.5

134 24.8 13.8 41.3



#90

Hexachloroethane

Concen: 20.291 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD076951.D

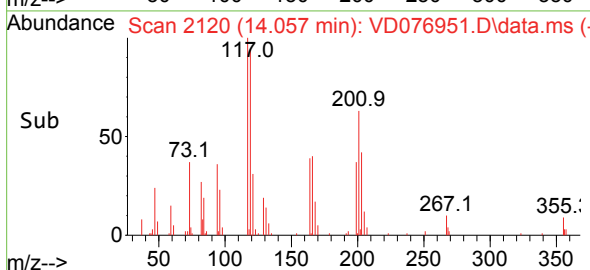
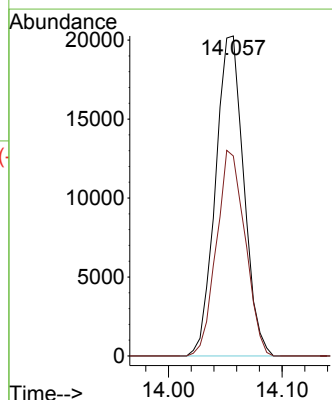
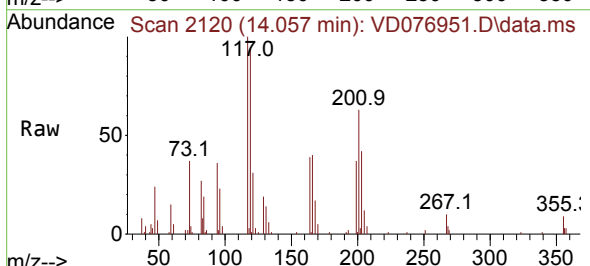
Acq: 08 Aug 2023 13:35

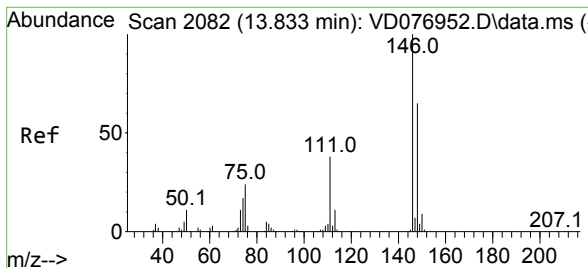
Tgt Ion: 117 Resp: 35030

Ion Ratio Lower Upper

117 100

201 65.2 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 19.872 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

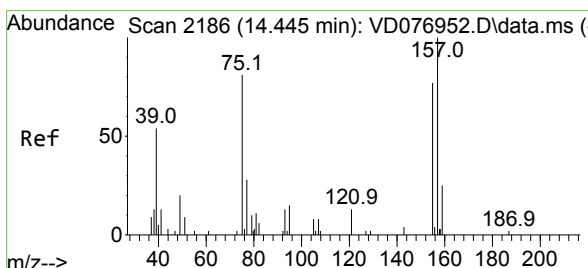
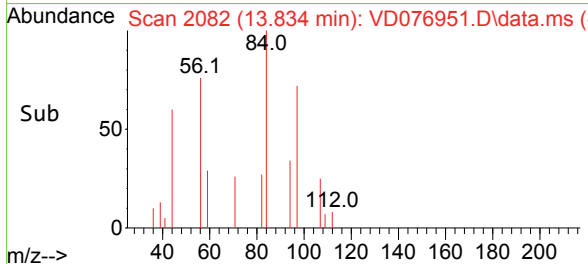
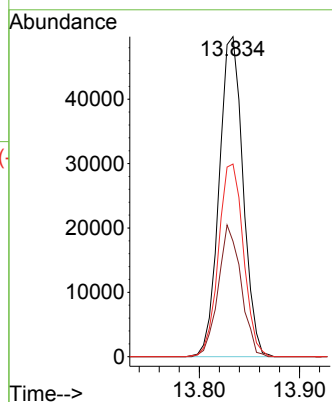
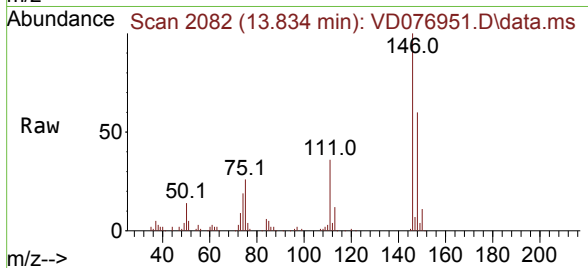
Tgt Ion:146 Resp: 82036

Ion Ratio Lower Upper

146 100

111 39.4 18.3 54.8

148 62.9 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.547 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

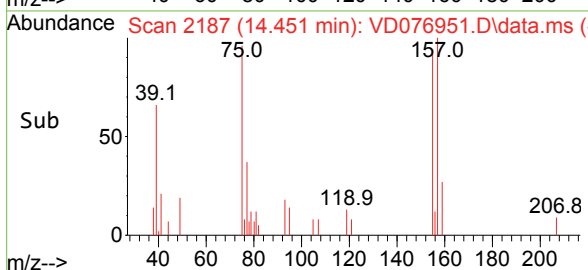
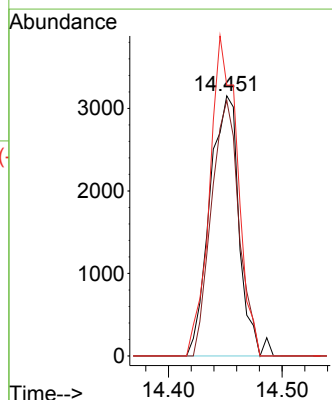
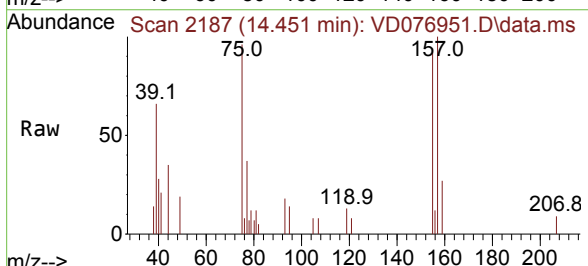
Tgt Ion: 75 Resp: 5663

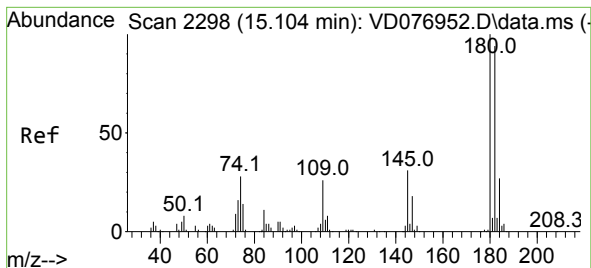
Ion Ratio Lower Upper

75 100

155 92.2 47.9 143.8

157 116.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.613 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

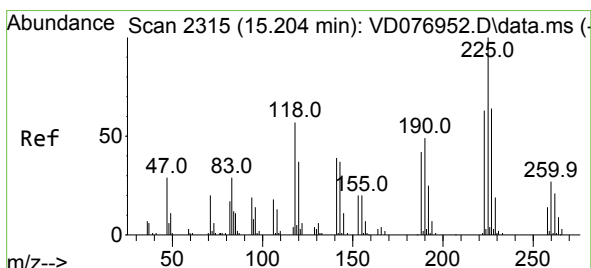
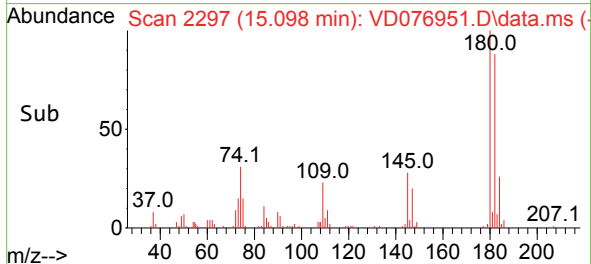
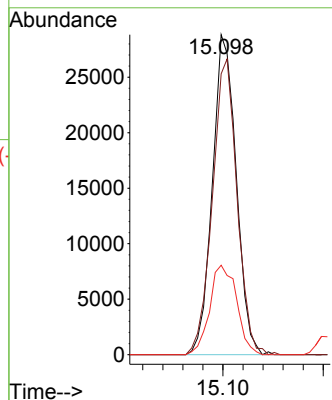
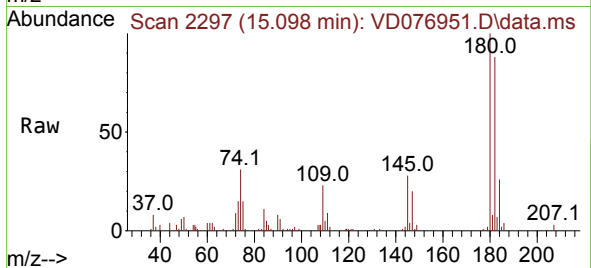
Tgt Ion:180 Resp: 47525

Ion Ratio Lower Upper

180 100

182 95.7 48.5 145.6

145 31.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.971 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076951.D

Acq: 08 Aug 2023 13:35

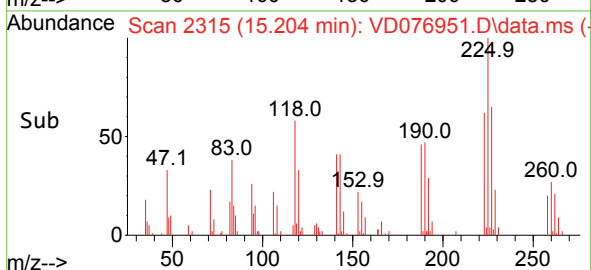
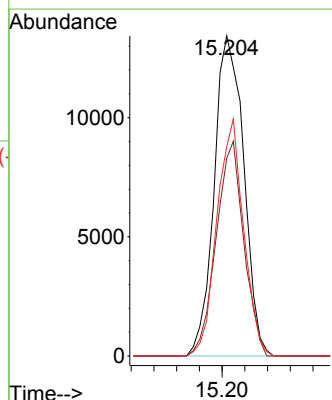
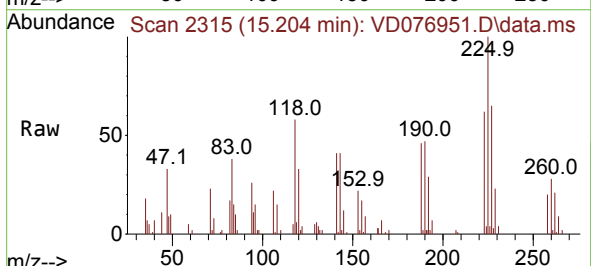
Tgt Ion:225 Resp: 24233

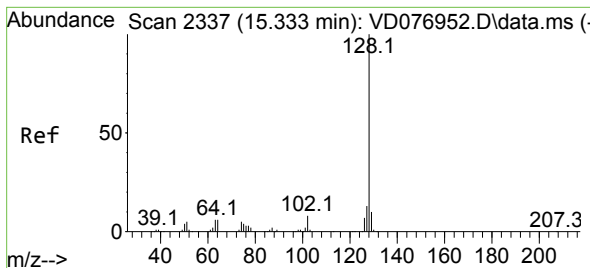
Ion Ratio Lower Upper

225 100

223 62.7 31.6 94.8

227 67.0 31.7 95.1

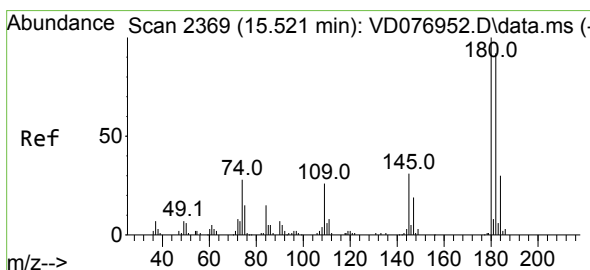
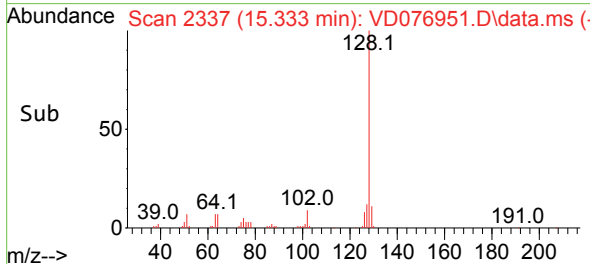
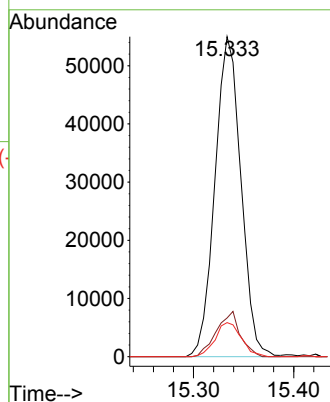
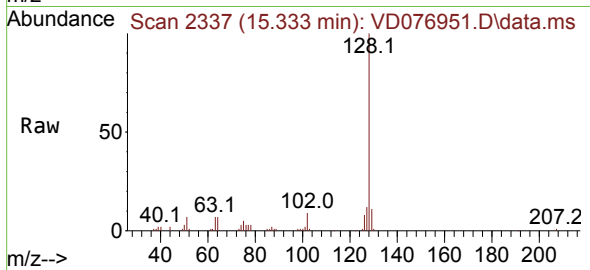




#95
Naphthalene
Concen: 19.061 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 98984
Ion Ratio Lower Upper
128 100
127 12.1 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.262 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD076951.D
Acq: 08 Aug 2023 13:35

Tgt Ion:180 Resp: 43850
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.9
145 30.3 15.1 45.3

