

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
 Data File : VD076737.D
 Acq On : 14 Jul 2023 12:50
 Operator : KP/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 17 04:48:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 04:42:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	188427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	341736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	308122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	145897	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	40267	20.680	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	41.360%#
35) Dibromofluoromethane	7.804	113	47149	21.356	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	42.720%#
50) Toluene-d8	10.269	98	173680	22.097	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	44.200%#
62) 4-Bromofluorobenzene	12.569	95	53534	21.292	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	42.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	33835	22.510	ug/l	97
3) Chloromethane	2.146	50	54139	20.759	ug/l	98
4) Vinyl Chloride	2.275	62	71573	20.674	ug/l	99
5) Bromomethane	2.669	94	54937	19.707	ug/l	100
6) Chloroethane	2.822	64	53171	20.354	ug/l	96
7) Trichlorofluoromethane	3.164	101	65433	21.260	ug/l	95
8) Diethyl Ether	3.587	74	19767	18.576	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.958	101	43982	21.799	ug/l	98
10) Methyl Iodide	4.158	142	45632	20.400	ug/l #	87
11) Tert butyl alcohol	5.058	59	15014	102.061	ug/l #	89
12) 1,1-Dichloroethene	3.928	96	39395	20.795	ug/l	93
13) Acrolein	3.799	56	12019	116.863	ug/l	91
14) Allyl chloride	4.552	41	49019	19.980	ug/l	92
15) Acrylonitrile	5.258	53	48957	94.621	ug/l	97
16) Acetone	4.022	43	40918	88.974	ug/l	90
17) Carbon Disulfide	4.258	76	91827	21.050	ug/l	98
18) Methyl Acetate	4.563	43	32801	19.096	ug/l	98
19) Methyl tert-butyl Ether	5.310	73	98398	19.542	ug/l	95
20) Methylene Chloride	4.793	84	60510	16.714	ug/l #	84
21) trans-1,2-Dichloroethene	5.299	96	44754	20.559	ug/l	93
22) Diisopropyl ether	6.210	45	117013	20.062	ug/l #	93
23) Vinyl Acetate	6.157	43	276011	95.835	ug/l	97
24) 1,1-Dichloroethane	6.105	63	78863	19.842	ug/l	98
25) 2-Butanone	7.081	43	58024	94.398	ug/l	89
26) 2,2-Dichloropropane	7.069	77	69853	20.288	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	53703	19.926	ug/l	93
28) Bromochloromethane	7.422	49	22176	21.449	ug/l	87
29) Tetrahydrofuran	7.440	42	35180	97.701	ug/l	92
30) Chloroform	7.593	83	88581	20.531	ug/l	96
31) Cyclohexane	7.875	56	59457	21.201	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	72942	20.859	ug/l	98
36) 1,1-Dichloropropene	8.004	75	59873	21.362	ug/l	96
37) Ethyl Acetate	7.169	43	24712	19.506	ug/l #	86
38) Carbon Tetrachloride	7.993	117	57874	21.649	ug/l	94
39) Methylcyclohexane	9.275	83	69610	21.670	ug/l	92
40) Benzene	8.251	78	184372	20.711	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	15805	20.593	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	45636	19.613	ug/l	98
43) Isopropyl Acetate	8.357	43	47033	19.148	ug/l	95
44) Trichloroethene	9.028	130	51172	21.205	ug/l	94
45) 1,2-Dichloropropane	9.304	63	47063	20.549	ug/l	96
46) Dibromomethane	9.393	93	27204	20.039	ug/l	88
47) Bromodichloromethane	9.581	83	68983	20.504	ug/l	97
48) Methyl methacrylate	9.381	41	22051	19.597	ug/l	84
49) 1,4-Dioxane	9.387	88	6463	385.930	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	126415	96.318	ug/l	95
52) Toluene	10.334	92	116995	20.129	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	59142	19.035	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	75330	20.400	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	38999	19.765	ug/l	96
56) Ethyl methacrylate	10.598	69	44099	19.616	ug/l	92
57) 1,3-Dichloropropane	10.881	76	64555	20.205	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	87893	99.722	ug/l	96
59) 2-Hexanone	10.922	43	88240	93.941	ug/l	91
60) Dibromochloromethane	11.075	129	44838	19.690	ug/l	96
61) 1,2-Dibromoethane	11.181	107	36159	19.708	ug/l	96
64) Tetrachloroethene	10.810	164	38792	22.269	ug/l	89
65) Chlorobenzene	11.604	112	131498	21.116	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	48118	20.689	ug/l	96
67) Ethyl Benzene	11.681	91	229255	21.169	ug/l	95
68) m/p-Xylenes	11.792	106	177761	42.700	ug/l	94
69) o-Xylene	12.122	106	82357	20.722	ug/l	90
70) Styrene	12.134	104	145654	21.002	ug/l	96
71) Bromoform	12.298	173	25960	20.602	ug/l #	100
73) Isopropylbenzene	12.422	105	220227	21.119	ug/l	96
74) N-amyl acetate	12.234	43	44809	20.256	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	47315	20.870	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	54661	42.093	ug/l #	100
77) Bromobenzene	12.698	156	51657	21.213	ug/l	86
78) n-propylbenzene	12.763	91	274887	21.660	ug/l	96
79) 2-Chlorotoluene	12.851	91	148926	21.191	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	181775	21.371	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	13891	21.514	ug/l	96
82) 4-Chlorotoluene	12.945	91	157369	21.343	ug/l	95
83) tert-Butylbenzene	13.169	119	158776	21.198	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	184364	21.300	ug/l	97
85) sec-Butylbenzene	13.345	105	248177	21.609	ug/l	95
86) p-Isopropyltoluene	13.457	119	202816	21.507	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	105645	20.937	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	102229	20.465	ug/l	96
89) n-Butylbenzene	13.786	91	203209	22.091	ug/l	95
90) Hexachloroethane	14.051	117	36824	20.833	ug/l	88
91) 1,2-Dichlorobenzene	13.828	146	91573	20.618	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6728	20.478	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	55187	20.228	ug/l	96
94) Hexachlorobutadiene	15.204	225	27256	20.899	ug/l	99
95) Naphthalene	15.328	128	114855	19.894	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	48718	20.193	ug/l	98

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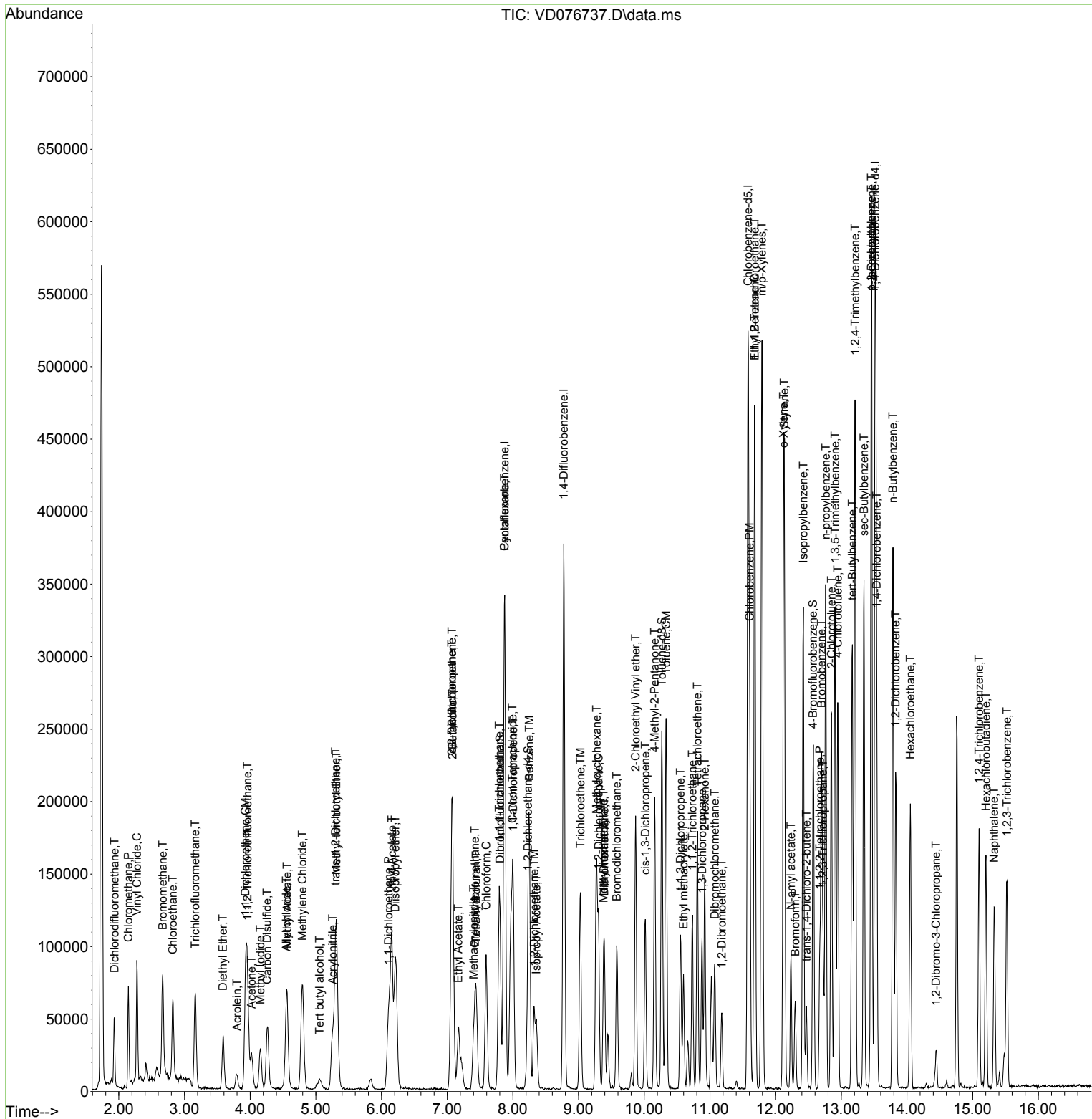
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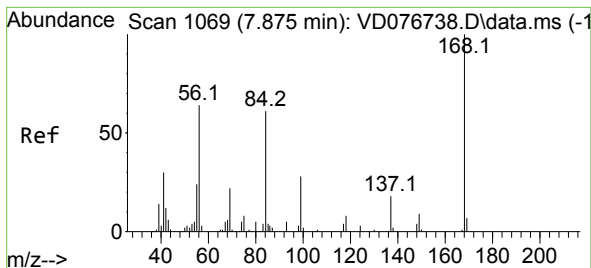
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076737.D

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MSVOA_D

ClientSampleId :

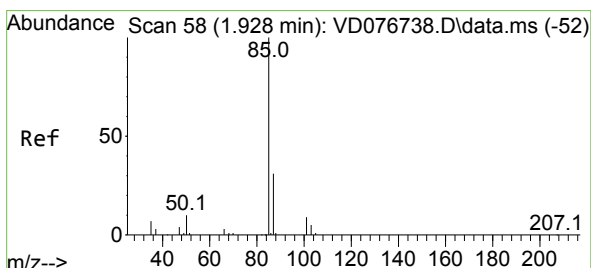
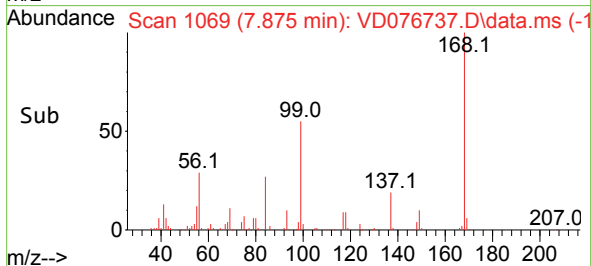
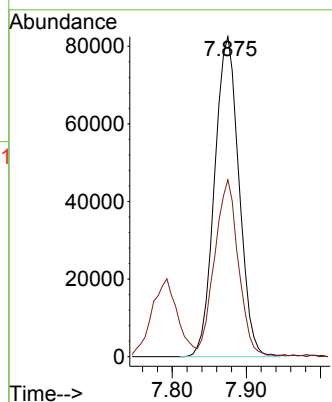
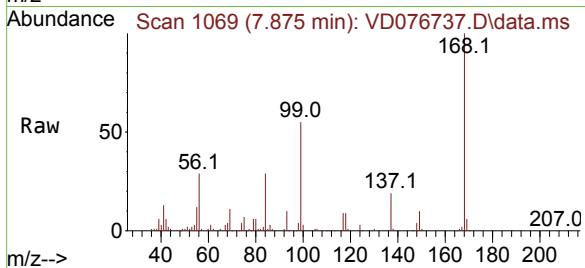
VSTDIC020

Tgt Ion:168 Resp: 188427

Ion Ratio Lower Upper

168 100

99 54.8 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 22.510 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD076737.D

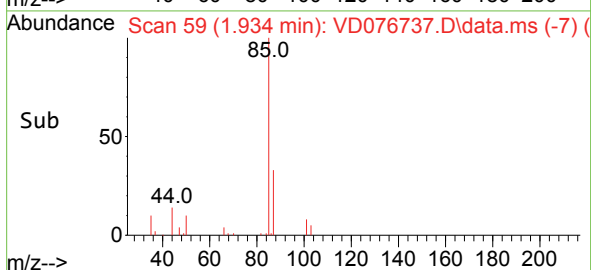
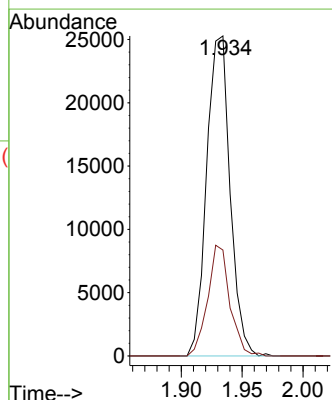
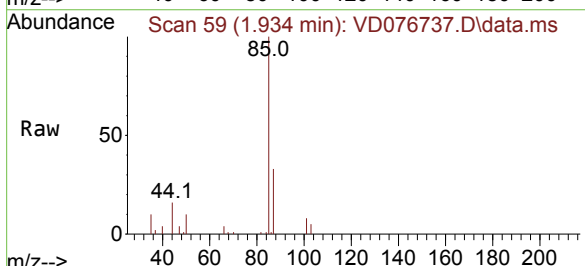
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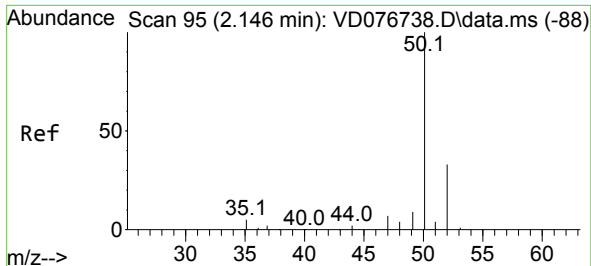
Tgt Ion: 85 Resp: 33835

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.0

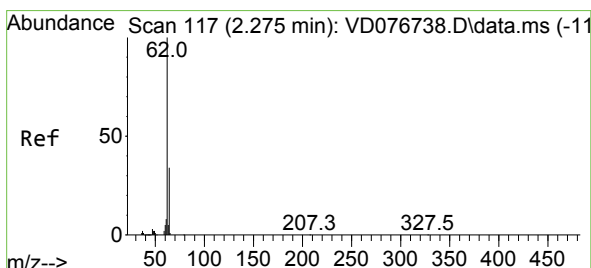
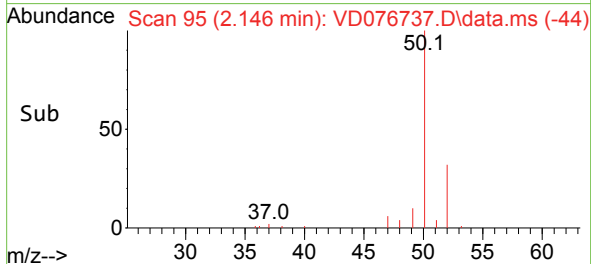
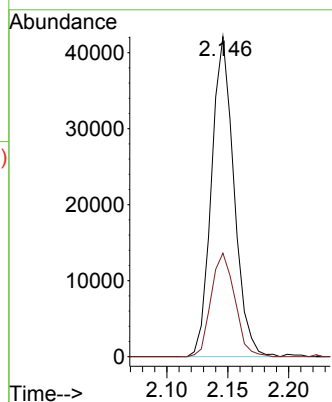
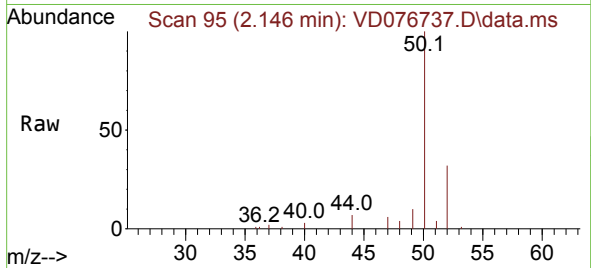




#3
Chloromethane
Concen: 20.759 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

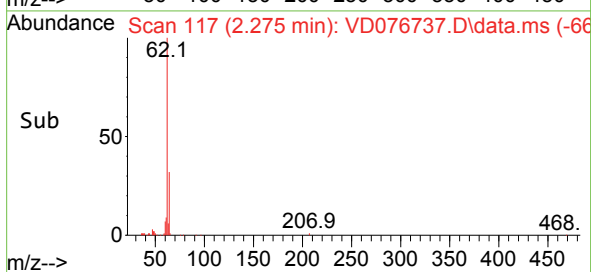
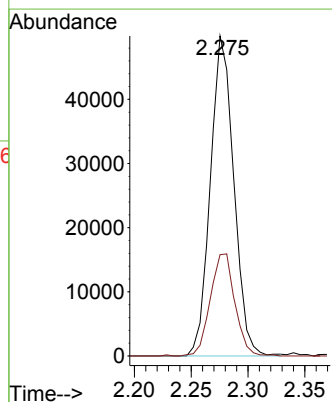
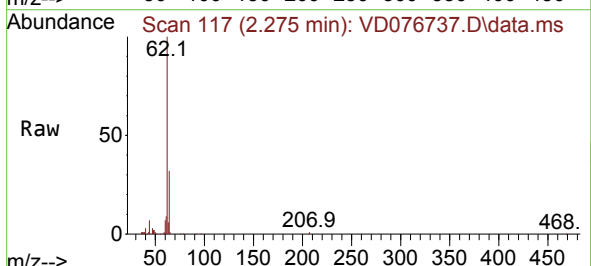
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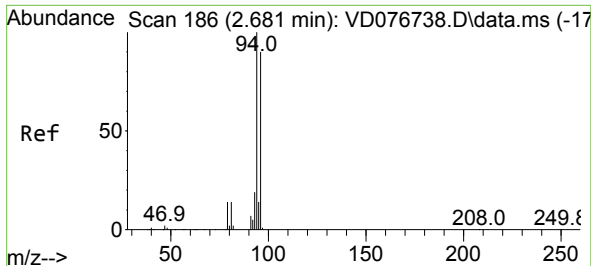
Tgt Ion: 50 Resp: 54139
Ion Ratio Lower Upper
50 100
52 32.4 26.6 40.0



#4
Vinyl Chloride
Concen: 20.674 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 62 Resp: 71573
Ion Ratio Lower Upper
62 100
64 31.7 26.0 39.0

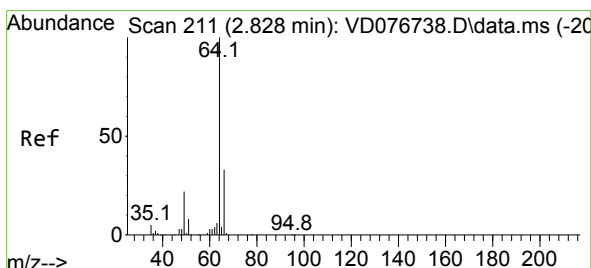
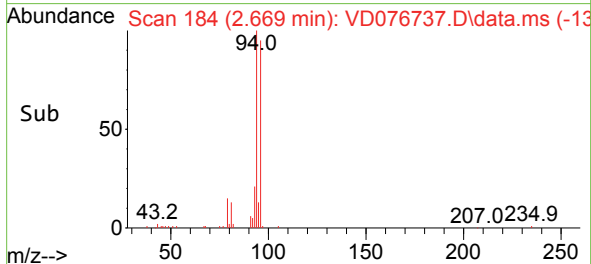
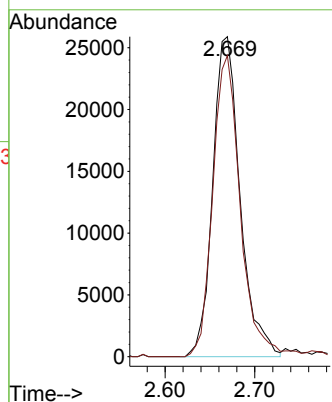
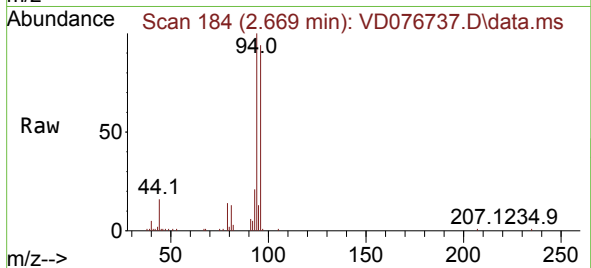




#5
Bromomethane
Concen: 19.707 ug/l
RT: 2.669 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

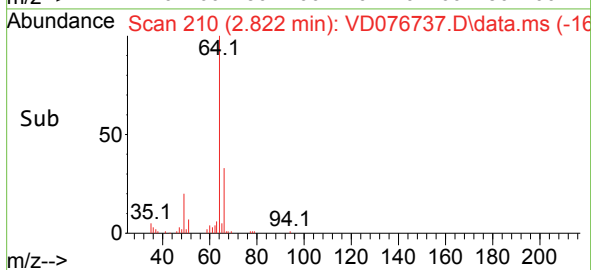
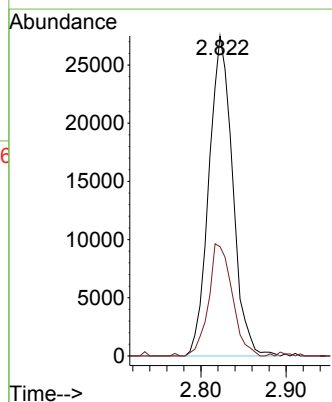
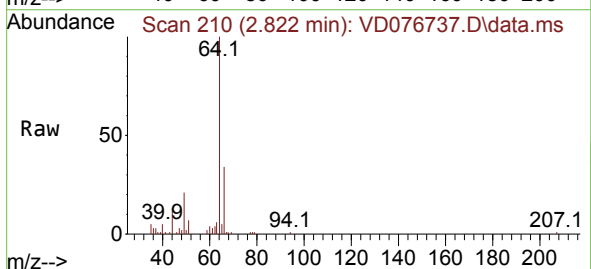
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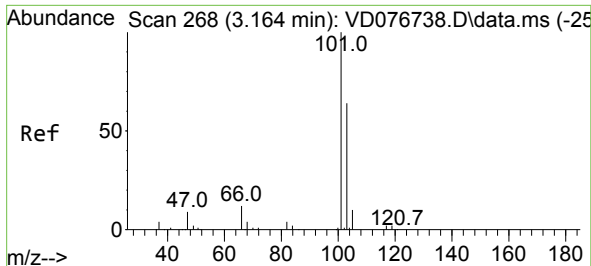
Tgt Ion: 94 Resp: 54937
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.8



#6
Chloroethane
Concen: 20.354 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 64 Resp: 53171
Ion Ratio Lower Upper
64 100
66 34.1 25.5 38.3

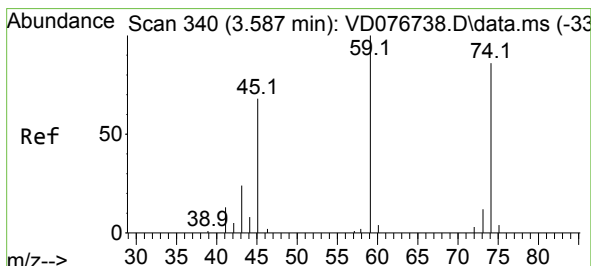
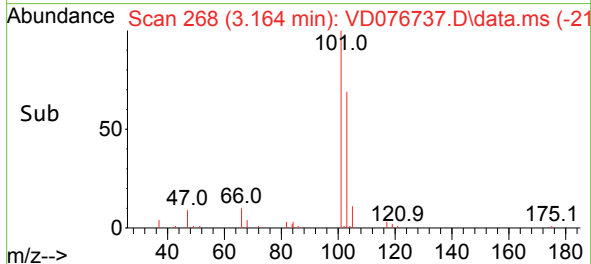
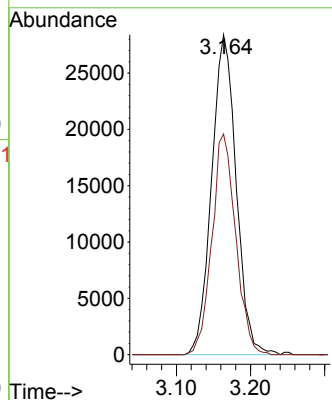
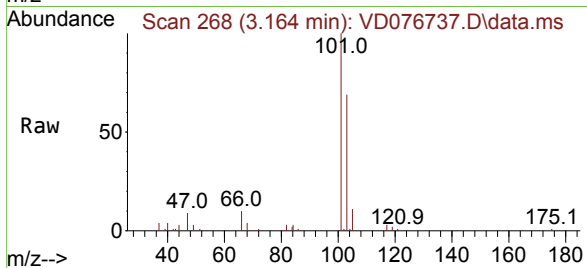




#7
 Trichlorofluoromethane
 Concen: 21.260 ug/l
 RT: 3.164 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VD076737.D
 Acq: 14 Jul 2023 12:50

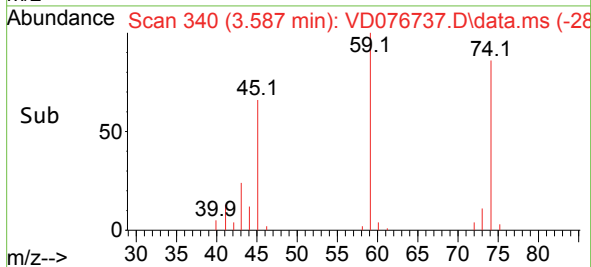
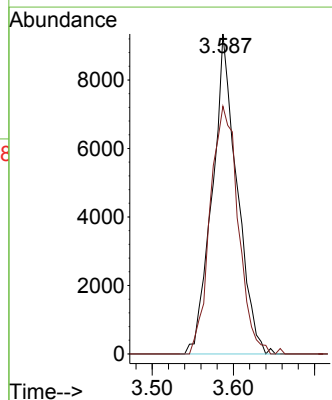
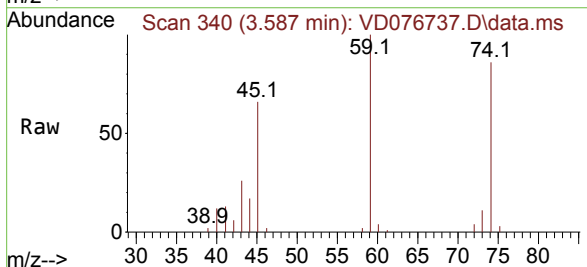
Instrument :
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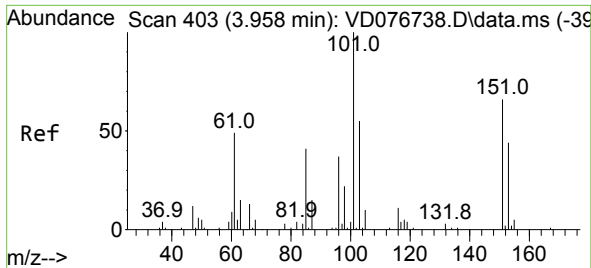
Tgt Ion:101 Resp: 65433
 Ion Ratio Lower Upper
 101 100
 103 69.0 52.3 78.5



#8
 Diethyl Ether
 Concen: 18.576 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 19767
 Ion Ratio Lower Upper
 74 100
 45 87.6 37.5 112.7

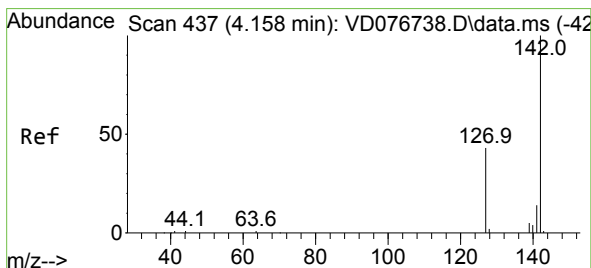
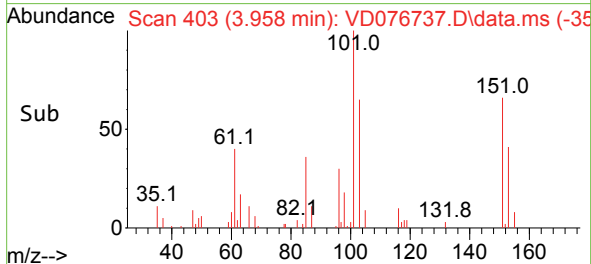
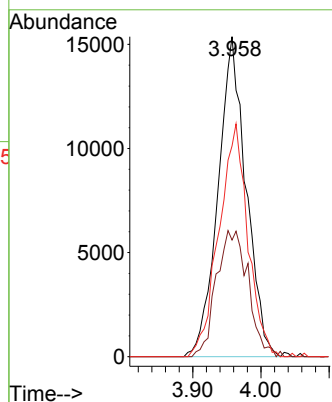
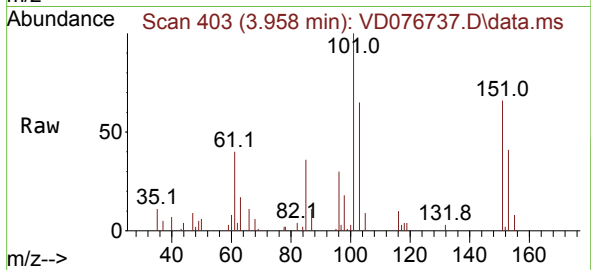




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.799 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

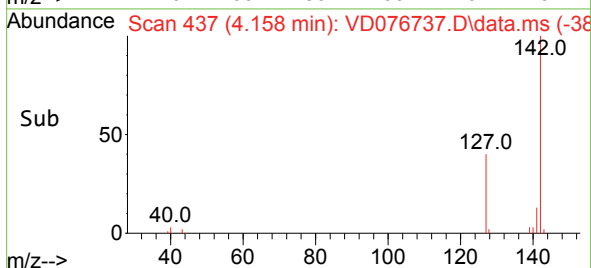
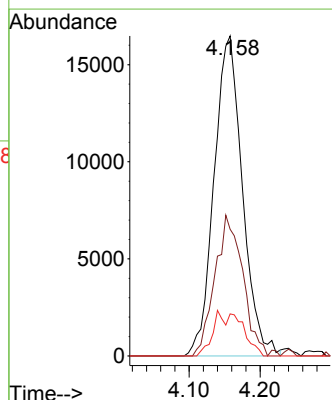
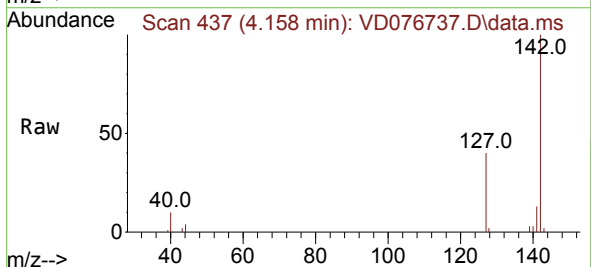
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

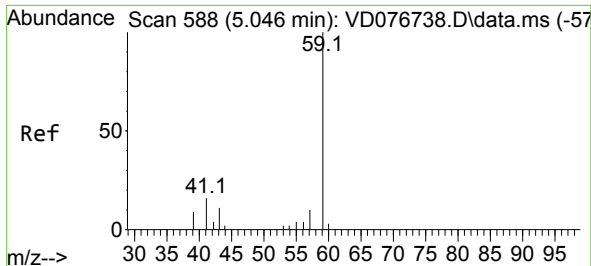
Tgt Ion:101	Resp:	43982
Ion	Ratio	Lower Upper
101	100	
85	44.8	33.8 50.6
151	75.0	59.8 89.6



#10
Methyl Iodide
Concen: 20.400 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion:142	Resp:	45632
Ion	Ratio	Lower Upper
142	100	
127	43.6	29.4 44.0
141	6.5	11.1 16.7





#11

Tert butyl alcohol

Concen: 102.061 ug/l

RT: 5.058 min Scan# 590

Delta R.T. 0.012 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

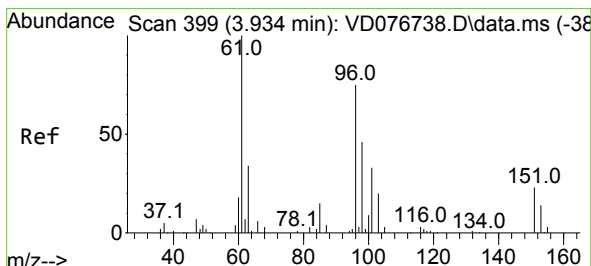
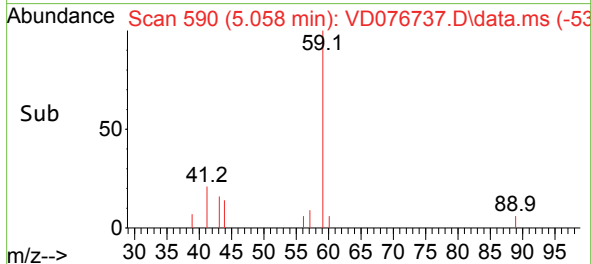
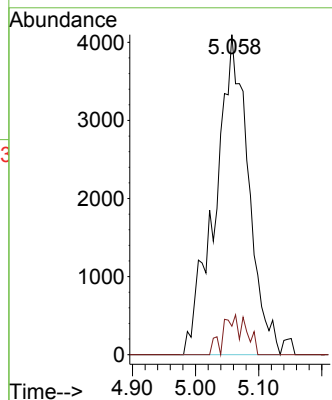
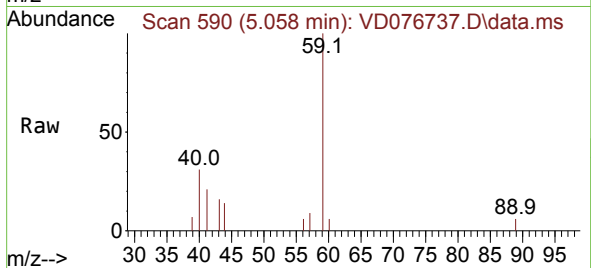
VSTDIC020

Tgt Ion: 59 Resp: 15014

Ion Ratio Lower Upper

59 100

57 5.7 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 20.795 ug/l

RT: 3.928 min Scan# 398

Delta R.T. -0.006 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

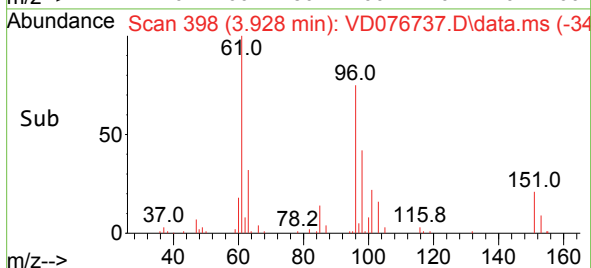
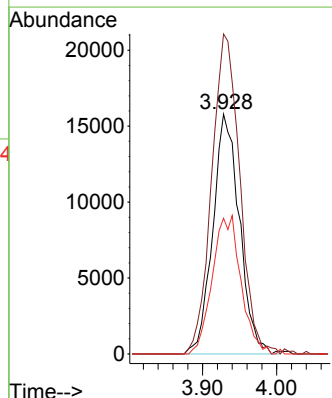
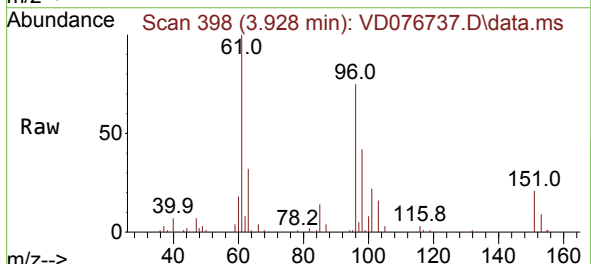
Tgt Ion: 96 Resp: 39395

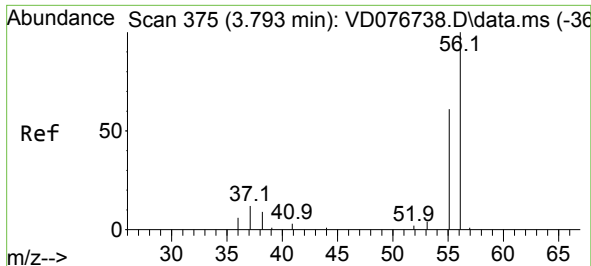
Ion Ratio Lower Upper

96 100

61 133.4 100.6 150.8

98 56.6 50.2 75.2





#13

Acrolein

Concen: 116.863 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

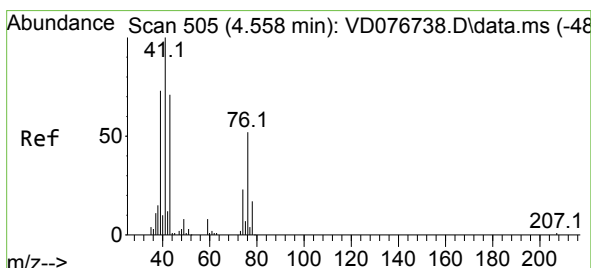
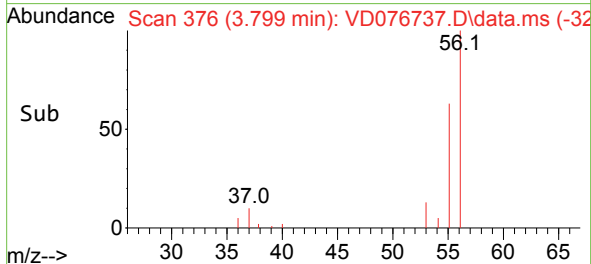
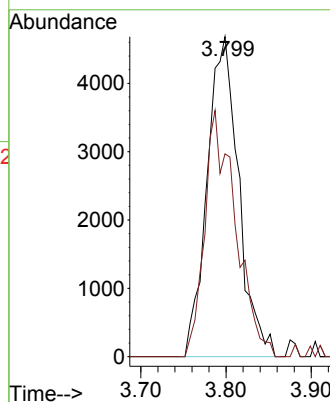
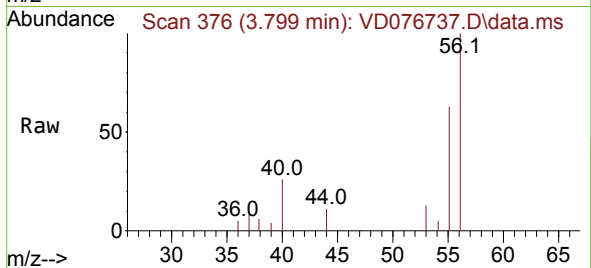
VSTDICC020

Tgt Ion: 56 Resp: 12019

Ion Ratio Lower Upper

56 100

55 76.0 55.1 82.7



#14

Allyl chloride

Concen: 19.980 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.006 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

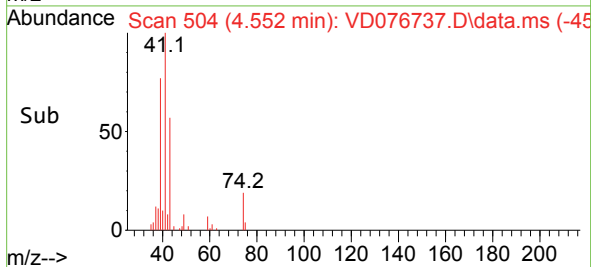
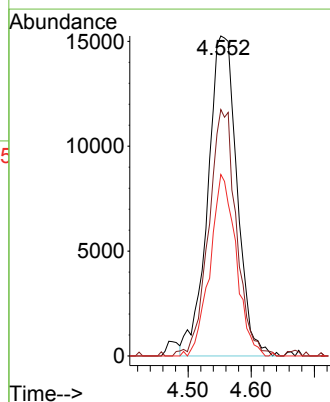
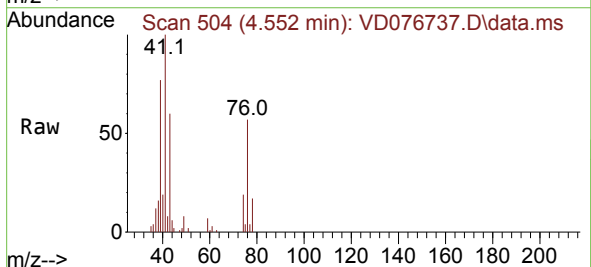
Tgt Ion: 41 Resp: 49019

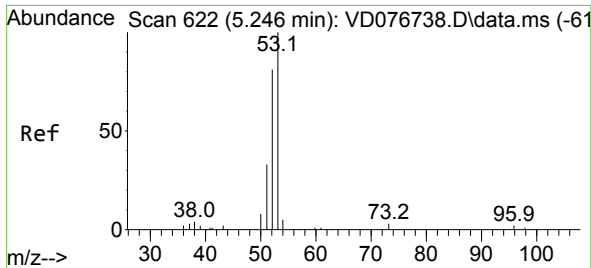
Ion Ratio Lower Upper

41 100

39 72.9 53.8 80.6

76 50.6 45.8 68.8

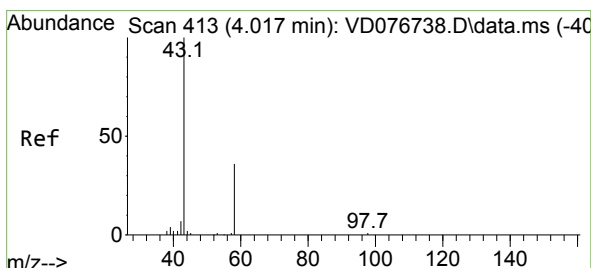
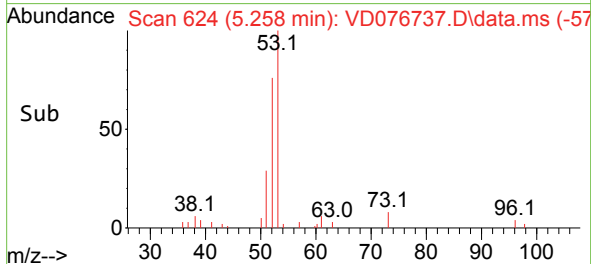
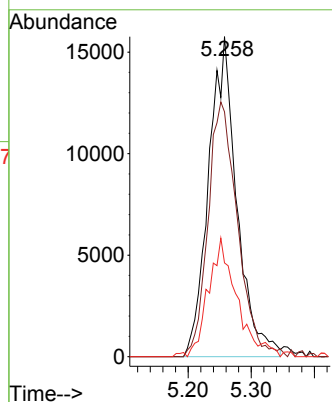
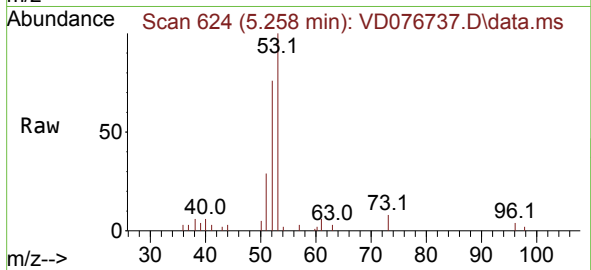




#15
Acrylonitrile
Concen: 94.621 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

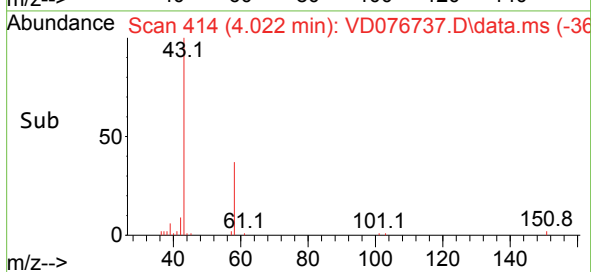
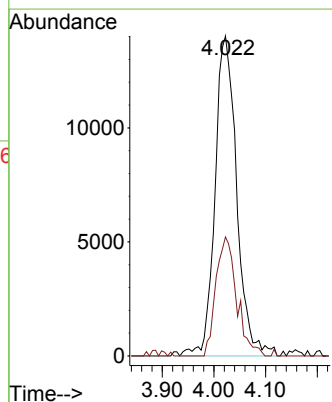
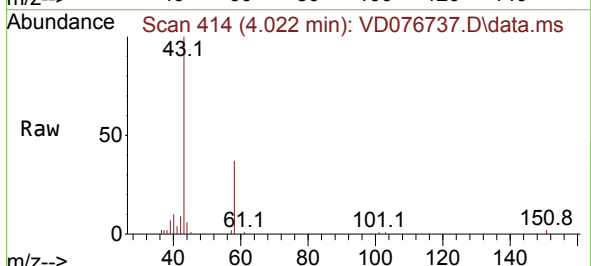
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

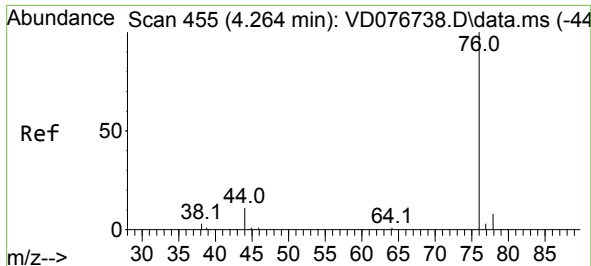
Tgt Ion: 53	Resp: 48957
Ion Ratio	Lower Upper
53 100	
52 83.0	65.0 97.4
51 37.6	28.3 42.5



#16
Acetone
Concen: 88.974 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 43	Resp: 40918
Ion Ratio	Lower Upper
43 100	
58 37.2	34.7 52.1

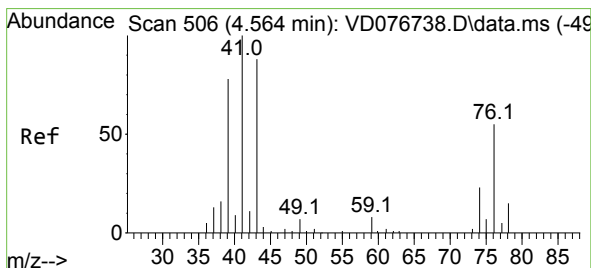
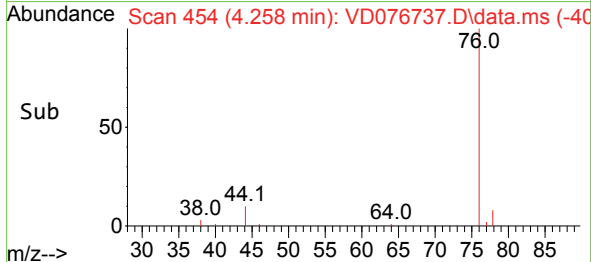
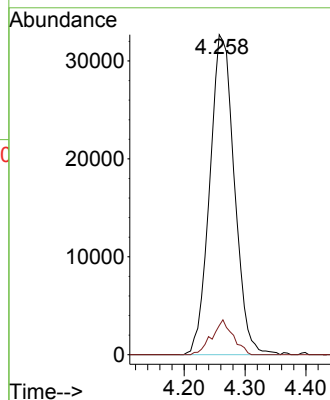
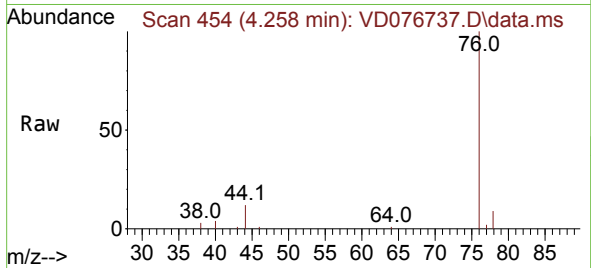




#17
Carbon Disulfide
Concen: 21.050 ug/l
RT: 4.258 min Scan# 417
Delta R.T. -0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

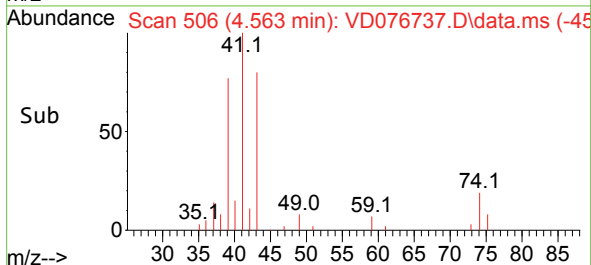
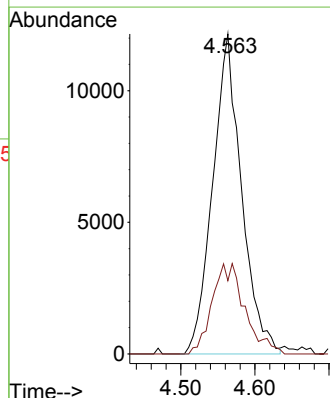
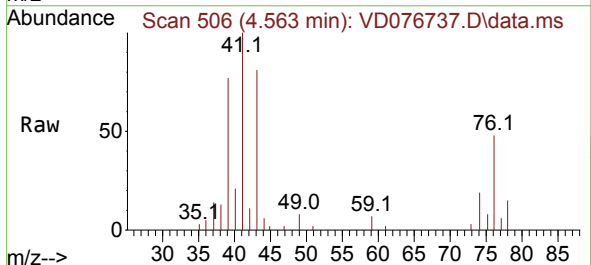
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

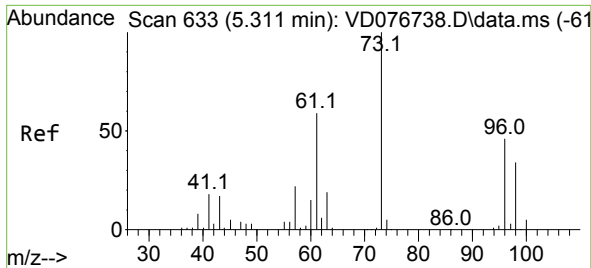
Tgt Ion: 76 Resp: 91827
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 19.096 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 43 Resp: 32801
Ion Ratio Lower Upper
43 100
74 32.0 26.4 39.6

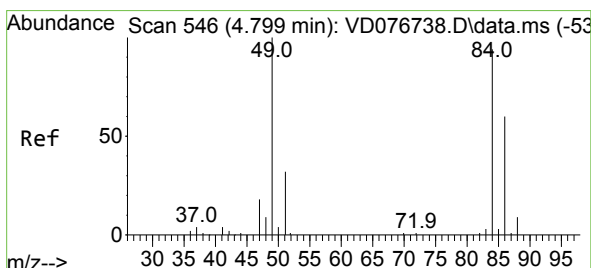
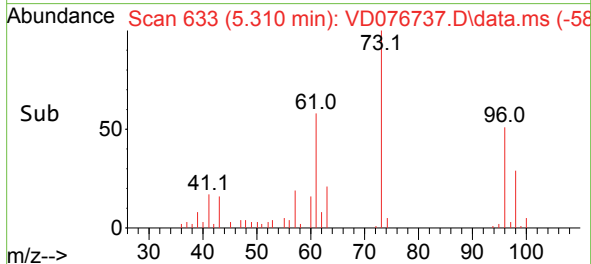
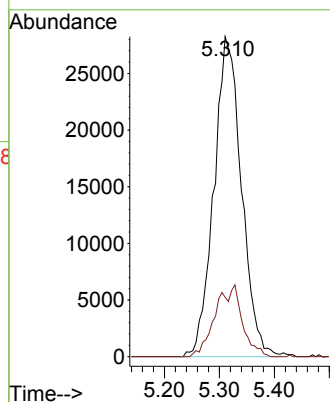
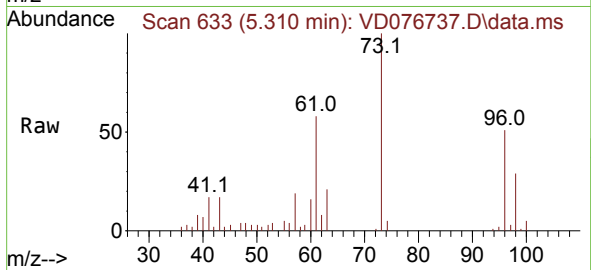




#19
Methyl tert-butyl Ether
Concen: 19.542 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.001 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

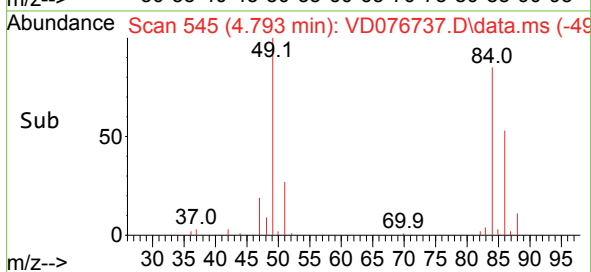
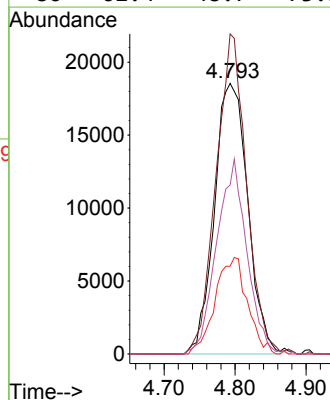
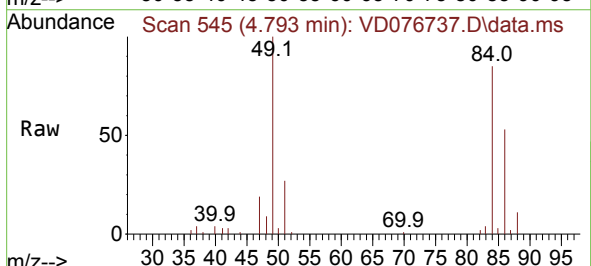
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

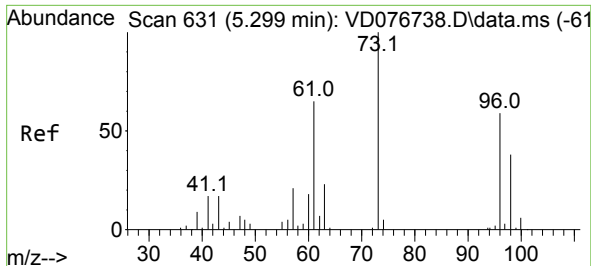
Tgt Ion: 73 Resp: 98398
Ion Ratio Lower Upper
73 100
57 18.5 16.6 25.0



#20
Methylene Chloride
Concen: 16.714 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 84 Resp: 60510
Ion Ratio Lower Upper
84 100
49 118.2 71.4 107.2#
51 32.4 24.5 36.7
86 62.4 48.7 73.1

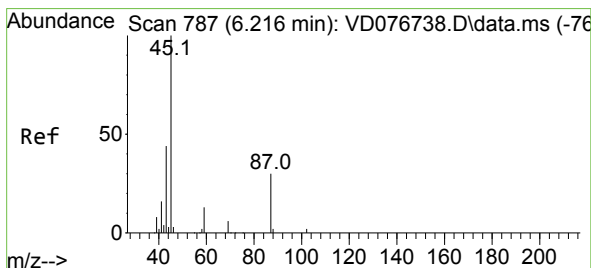
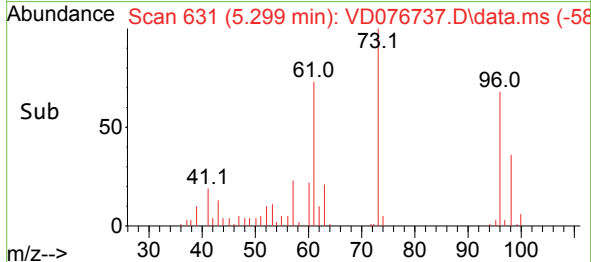
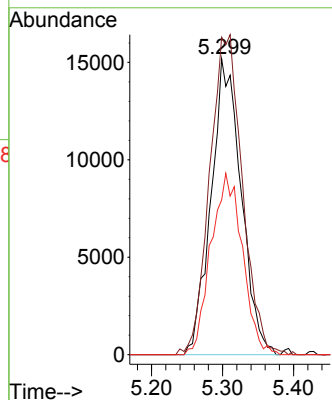
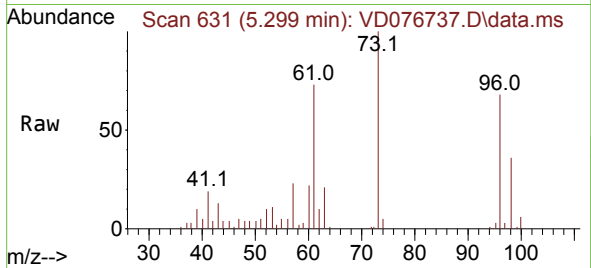




#21
trans-1,2-Dichloroethene
Concen: 20.559 ug/l
RT: 5.299 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

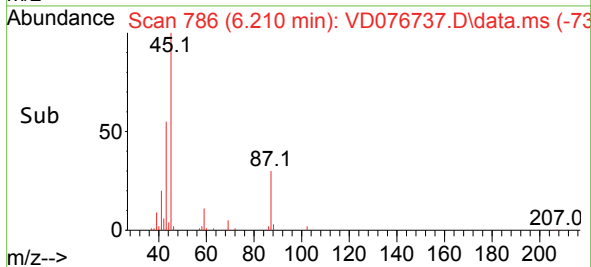
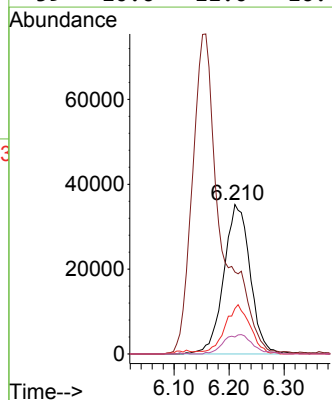
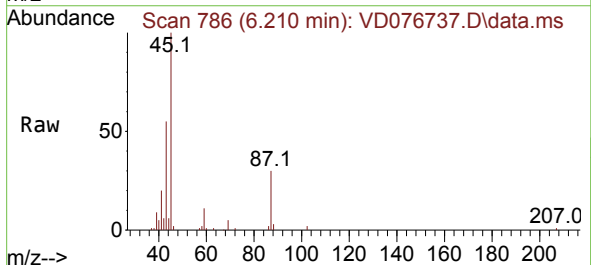
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

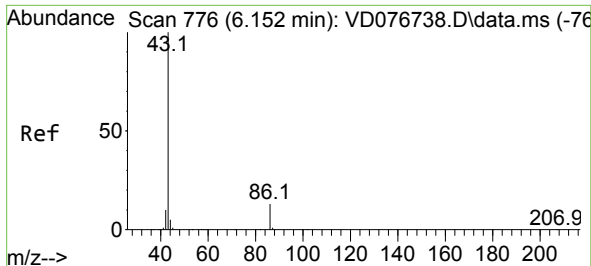
Tgt Ion: 96 Resp: 44754
Ion Ratio Lower Upper
96 100
61 106.0 89.3 133.9
98 52.3 48.6 73.0



#22
Diisopropyl ether
Concen: 20.062 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 45 Resp: 117013
Ion Ratio Lower Upper
45 100
43 53.4 40.0 60.0
87 30.4 28.2 42.4
59 10.6 11.0 16.4#

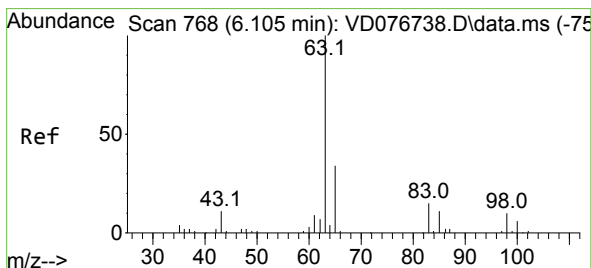
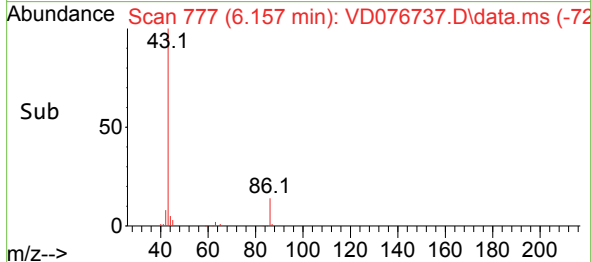
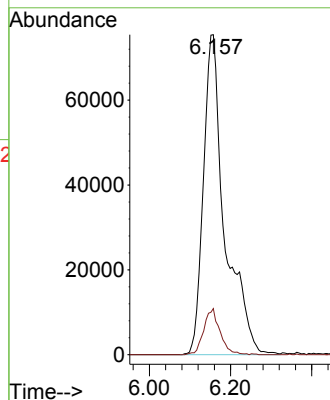
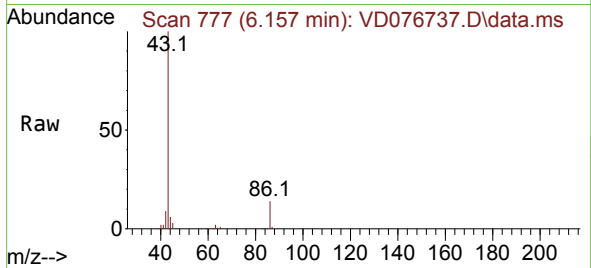




#23
 Vinyl Acetate
 Concen: 95.835 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD076737.D
 Acq: 14 Jul 2023 12:50

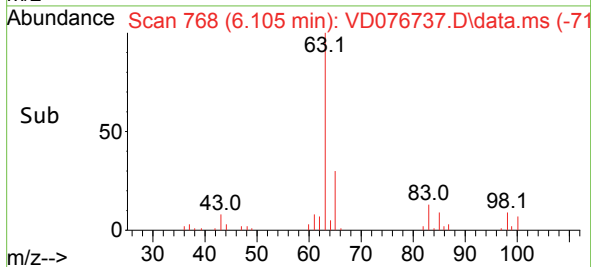
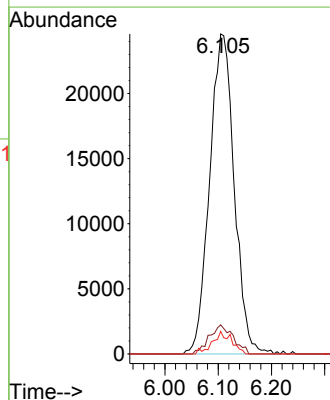
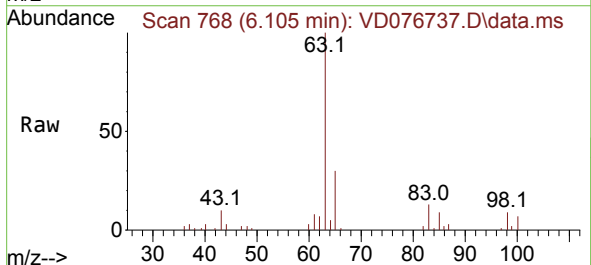
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

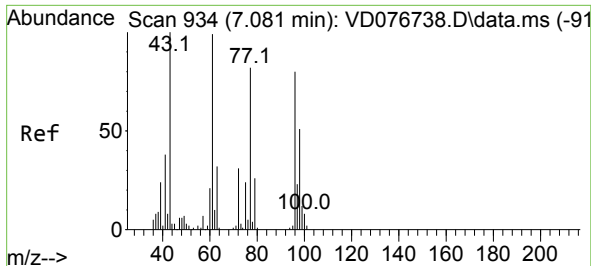
Tgt Ion: 43 Resp: 276011
 Ion Ratio Lower Upper
 43 100
 86 14.4 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 19.842 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD076737.D
 Acq: 14 Jul 2023 12:50

Tgt Ion: 63 Resp: 78863
 Ion Ratio Lower Upper
 63 100
 98 9.1 4.5 13.7
 100 7.1 2.5 7.5

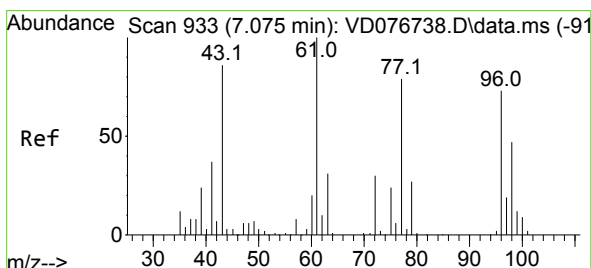
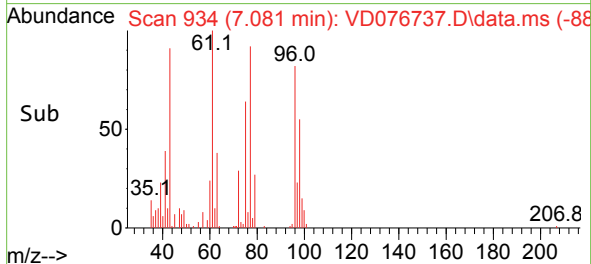
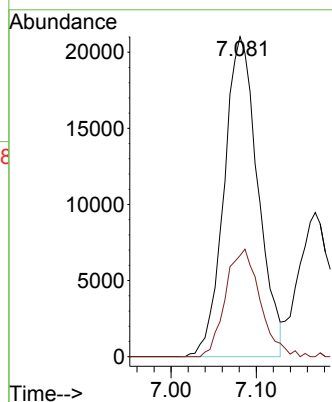
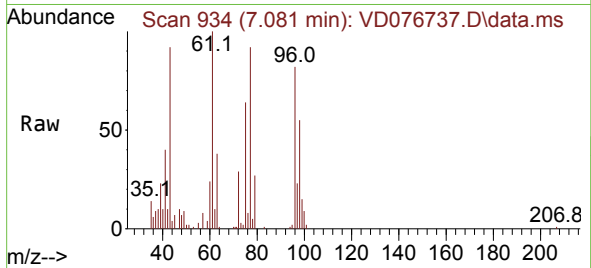




#25
2-Butanone
Concen: 94.398 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

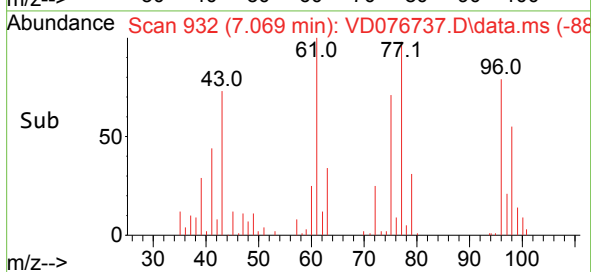
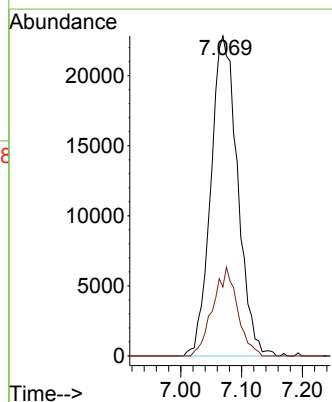
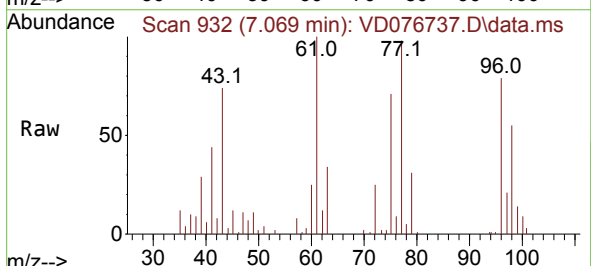
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

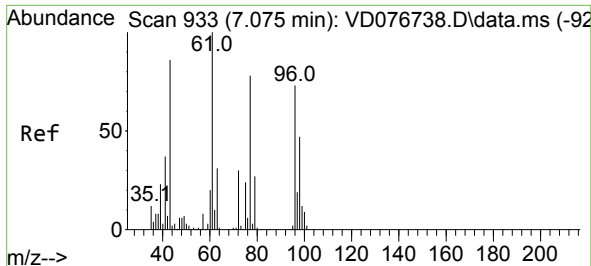
Tgt Ion: 43 Resp: 58024
Ion Ratio Lower Upper
43 100
72 31.6 30.7 46.1



#26
2,2-Dichloropropane
Concen: 20.288 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 77 Resp: 69853
Ion Ratio Lower Upper
77 100
97 25.4 13.2 39.6



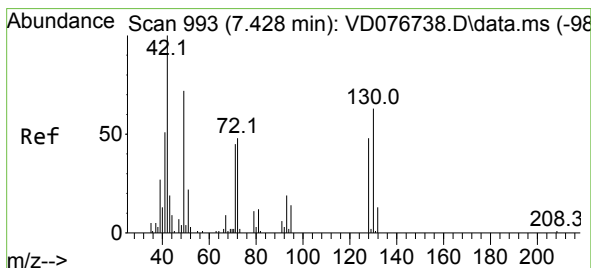
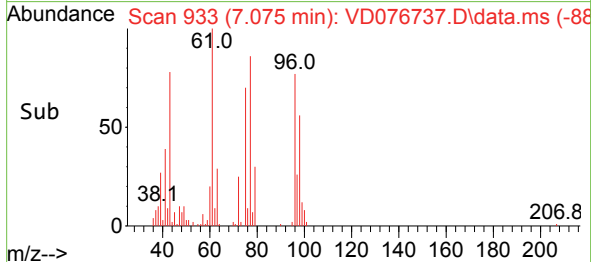
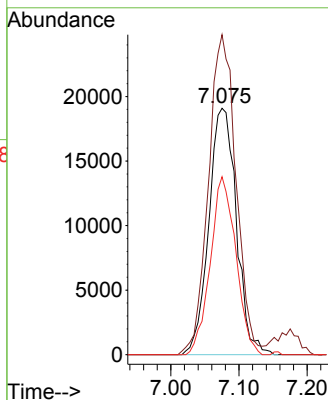
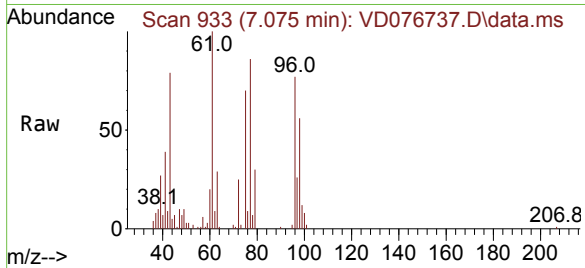


#27
 cis-1,2-Dichloroethene
 Concen: 19.926 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD076737.D
 Acq: 14 Jul 2023 12:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 53703

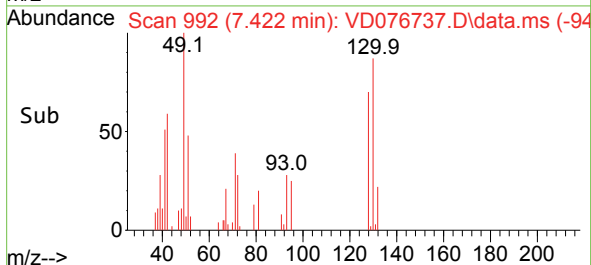
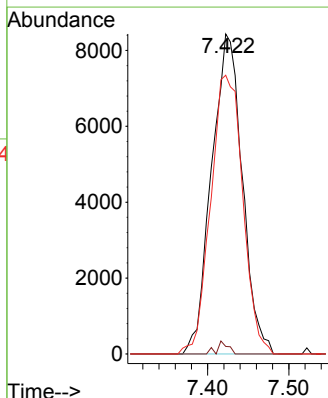
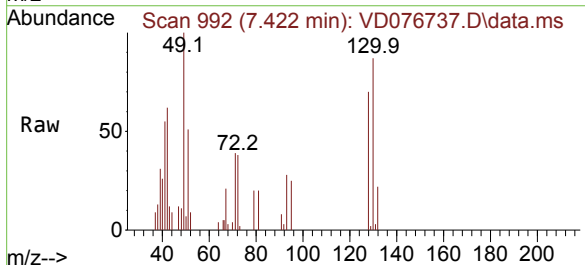
Ion	Ratio	Lower	Upper
96	100		
61	130.1	0.0	239.2
98	66.9	0.0	128.6

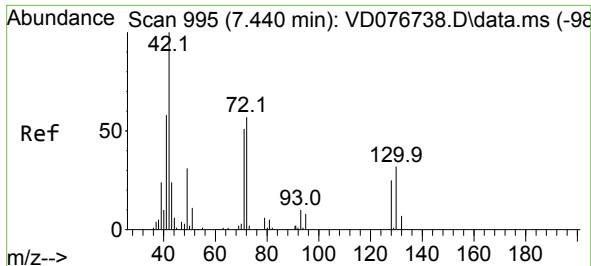


#28
 Bromochloromethane
 Concen: 21.449 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076737.D
 Acq: 14 Jul 2023 12:50

Tgt Ion: 49 Resp: 22176

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	6.0
130	90.9	83.2	124.8





#29

Tetrahydrofuran

Concen: 97.701 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

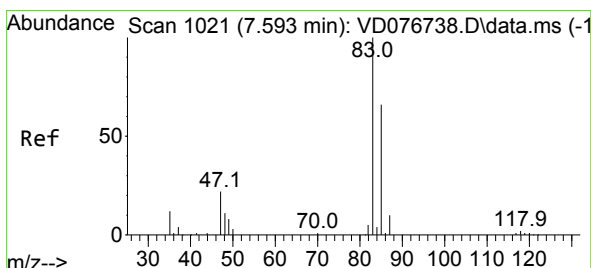
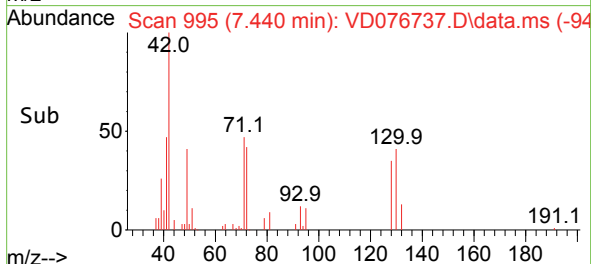
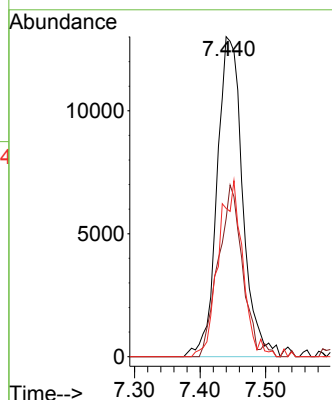
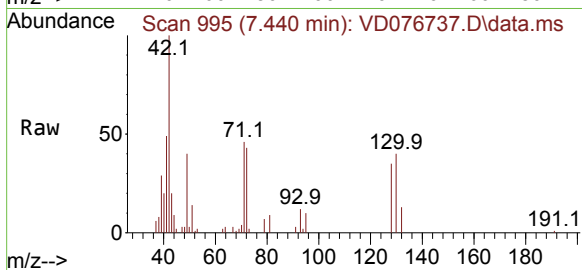
Tgt Ion: 42 Resp: 35180

Ion Ratio Lower Upper

42 100

72 50.1 46.5 69.7

71 52.2 44.5 66.7



#30

Chloroform

Concen: 20.531 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076737.D

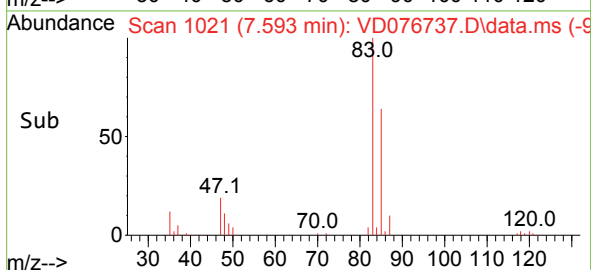
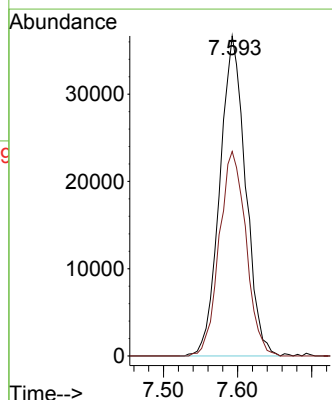
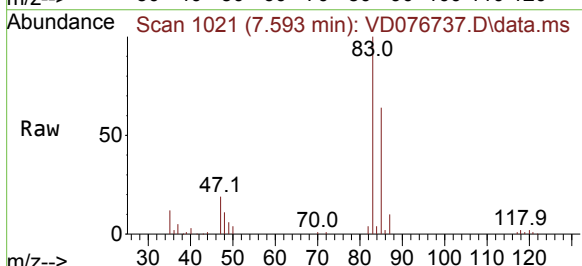
Acq: 14 Jul 2023 12:50

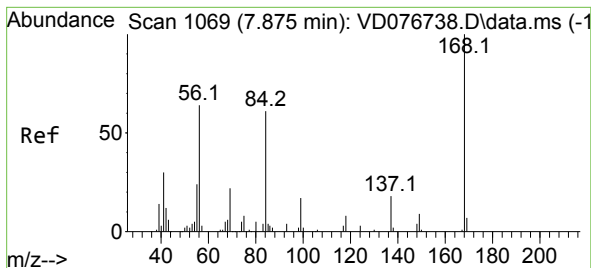
Tgt Ion: 83 Resp: 88581

Ion Ratio Lower Upper

83 100

85 63.9 53.4 80.2





#31

Cyclohexane

Concen: 21.201 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

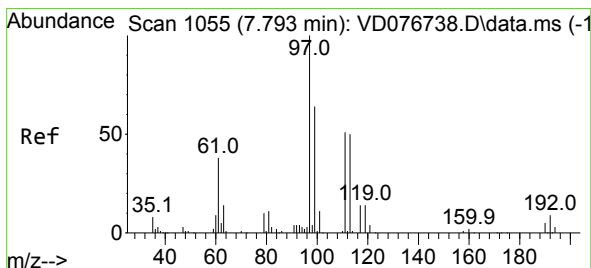
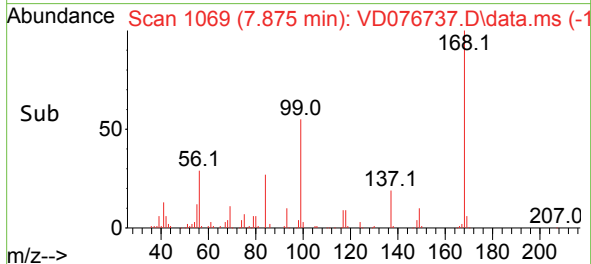
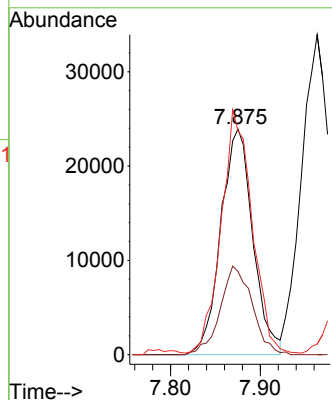
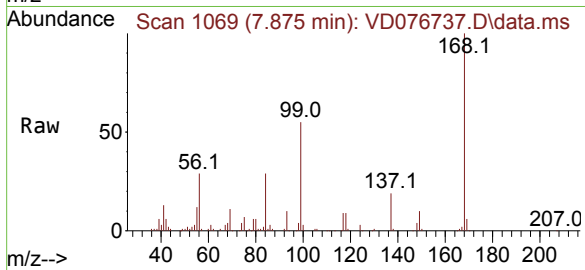
Tgt Ion: 56 Resp: 59457

Ion Ratio Lower Upper

56 100

69 36.9 28.6 43.0

84 98.3 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 20.859 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

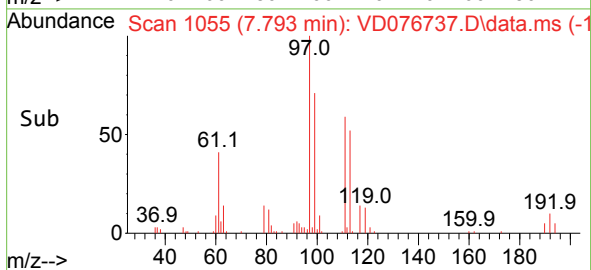
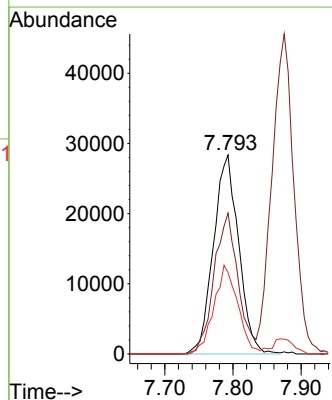
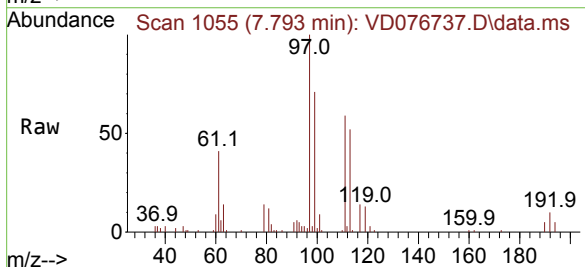
Tgt Ion: 97 Resp: 72942

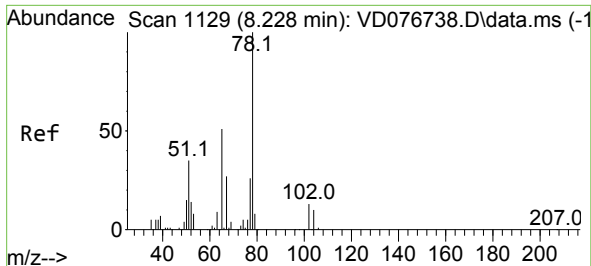
Ion Ratio Lower Upper

97 100

99 67.7 52.0 78.0

61 42.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 20.680 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

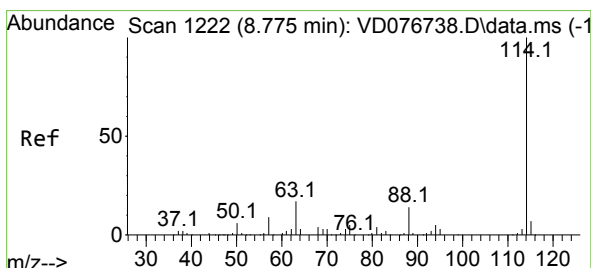
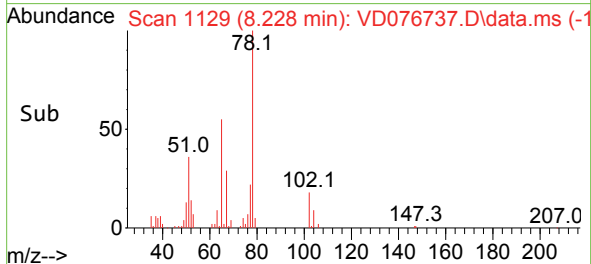
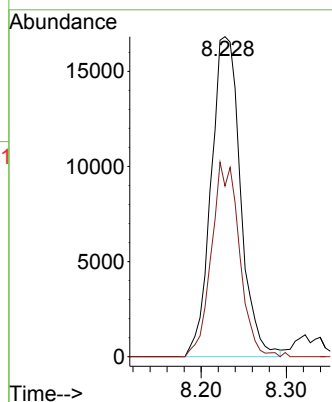
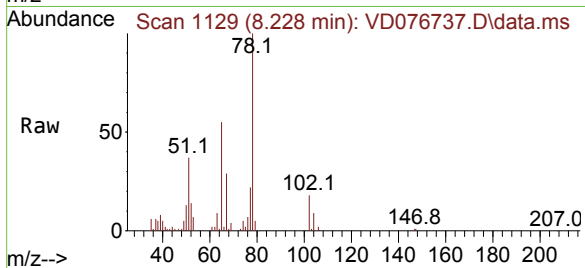
VSTDICC020

Tgt Ion: 65 Resp: 40267

Ion Ratio Lower Upper

65 100

67 57.8 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: VD076737.D

Acq: 14 Jul 2023 12:50

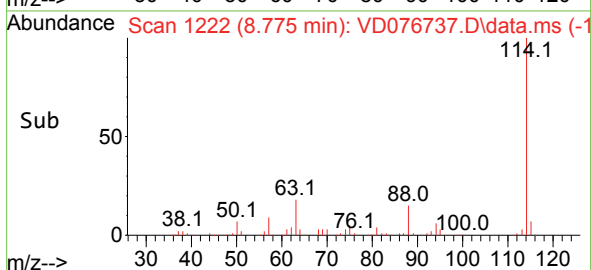
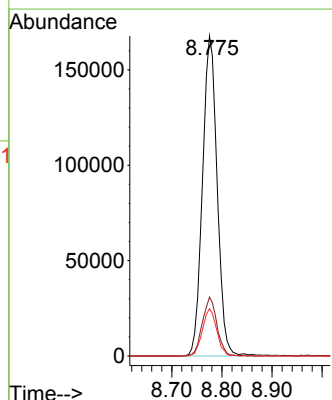
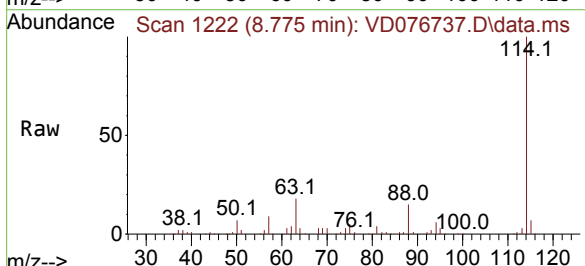
Tgt Ion: 114 Resp: 341736

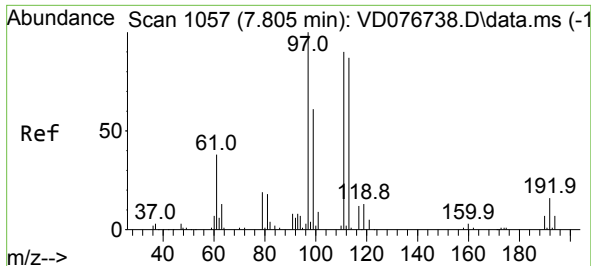
Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 14.7 0.0 26.2

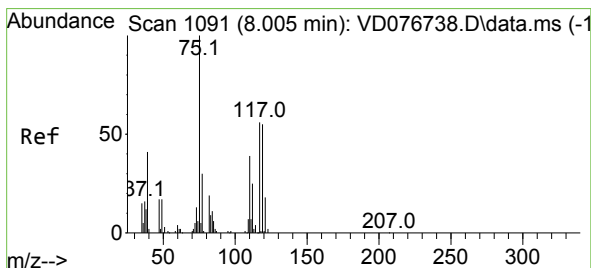
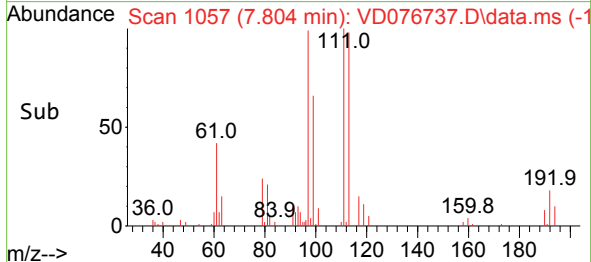
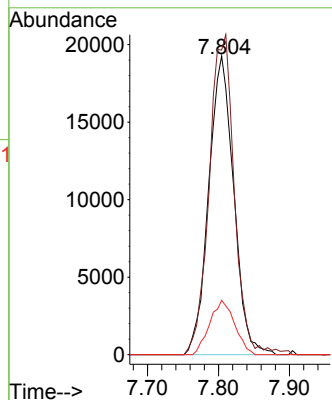
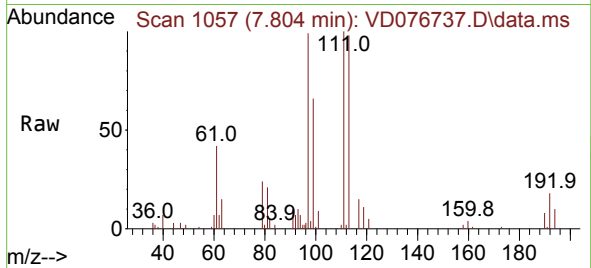




#35
 Dibromofluoromethane
 Concen: 21.356 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VD076737.D
 Acq: 14 Jul 2023 12:50

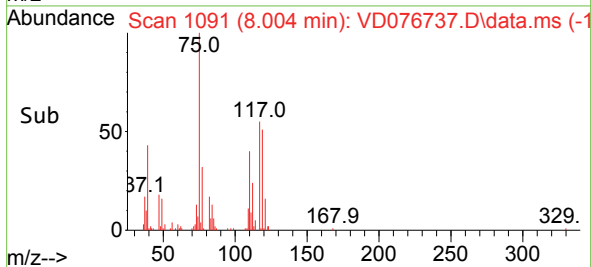
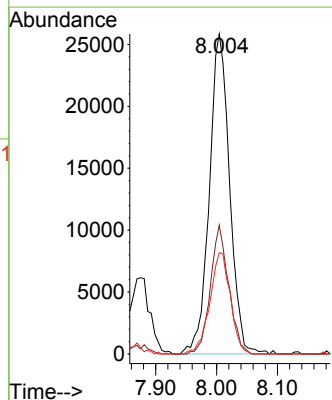
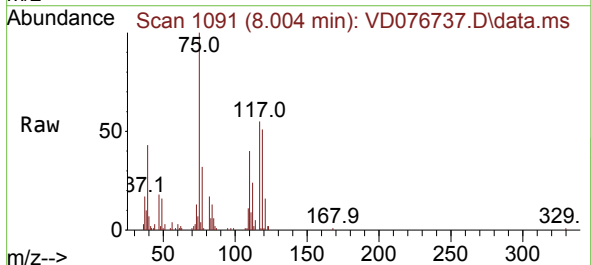
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

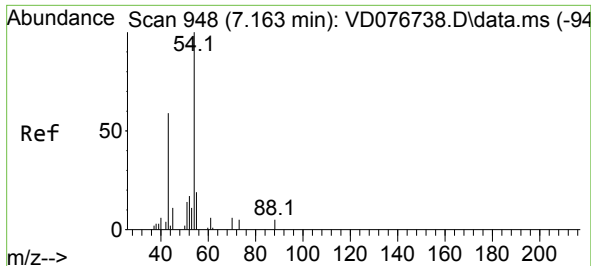
Tgt Ion:113 Resp: 47149
 Ion Ratio Lower Upper
 113 100
 111 107.5 84.7 127.1
 192 18.1 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 21.362 ug/l
 RT: 8.004 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: VD076737.D
 Acq: 14 Jul 2023 12:50

Tgt Ion: 75 Resp: 59873
 Ion Ratio Lower Upper
 75 100
 110 36.3 19.9 59.6
 77 32.0 24.7 37.1

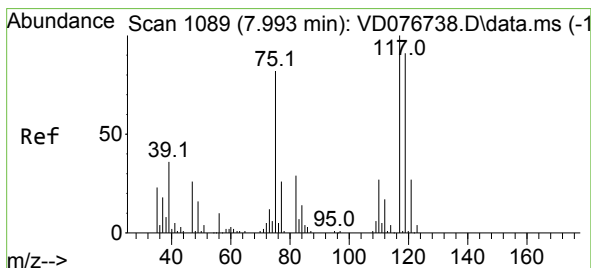
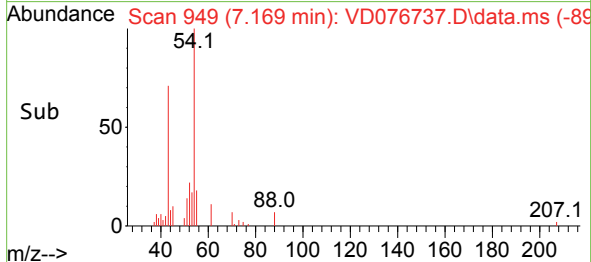
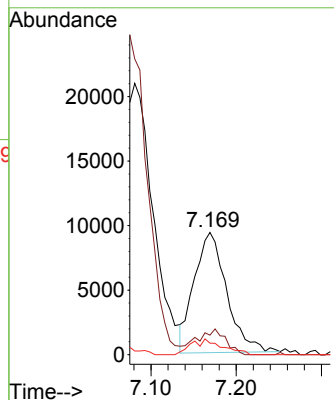
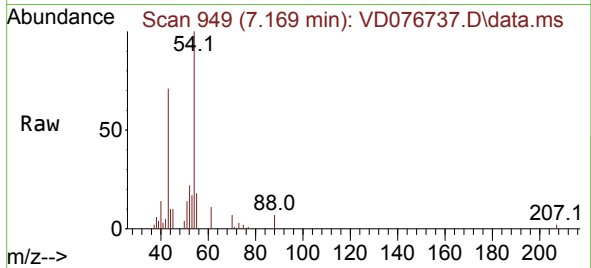




#37
Ethyl Acetate
Concen: 19.506 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

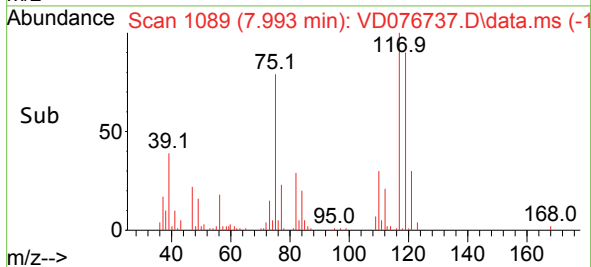
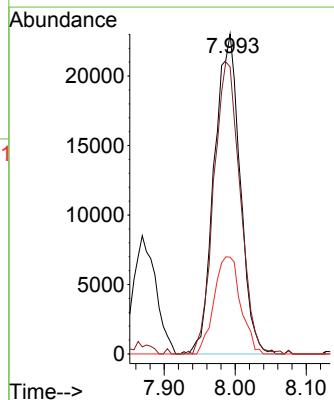
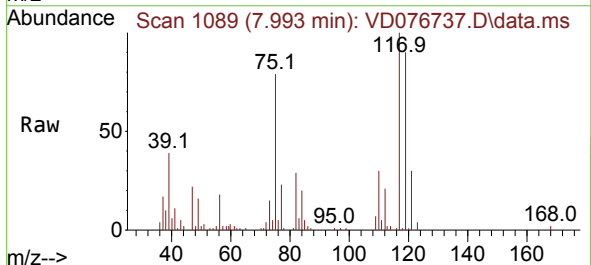
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

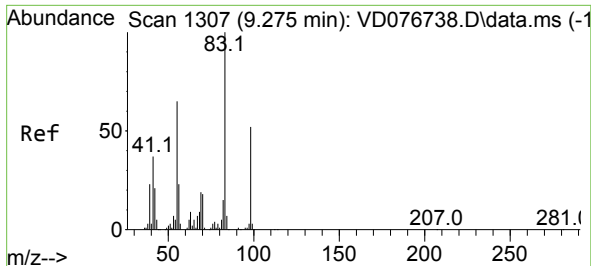
Tgt Ion: 43 Resp: 24712
Ion Ratio Lower Upper
43 100
61 19.2 14.9 22.3
70 0.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 21.649 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 117 Resp: 57874
Ion Ratio Lower Upper
117 100
119 89.7 78.0 117.0
121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 21.670 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

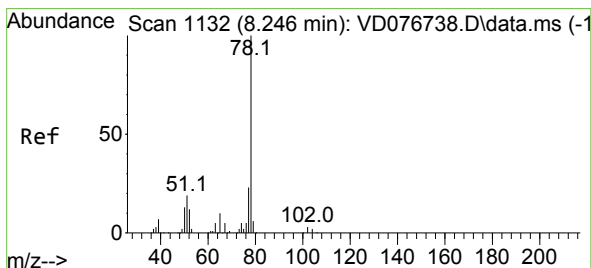
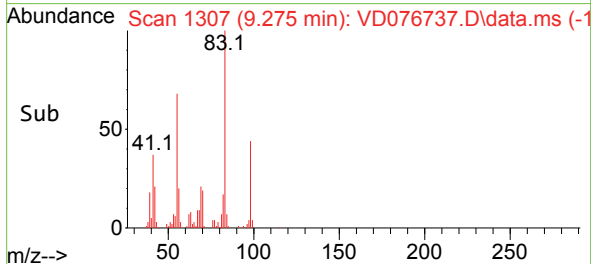
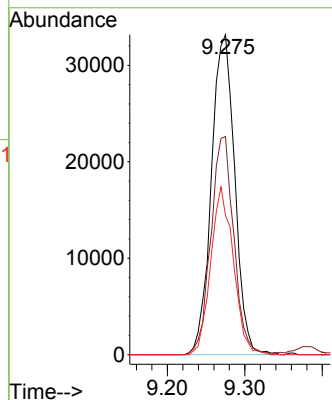
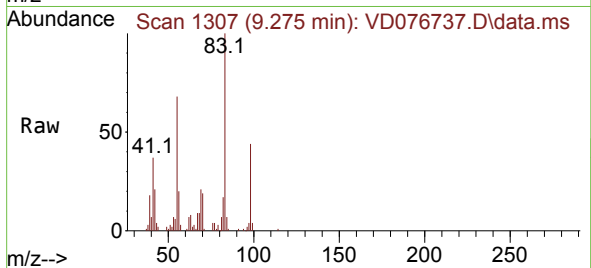
Tgt Ion: 83 Resp: 69610

Ion Ratio Lower Upper

83 100

55 68.1 49.4 74.0

98 43.6 38.4 57.6



#40

Benzene

Concen: 20.711 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VD076737.D

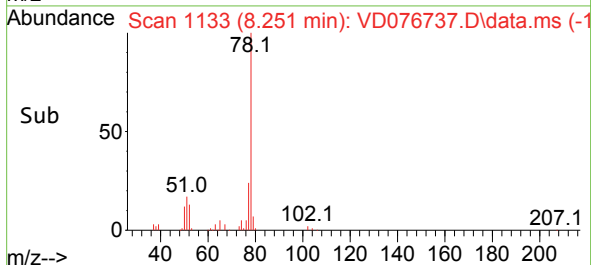
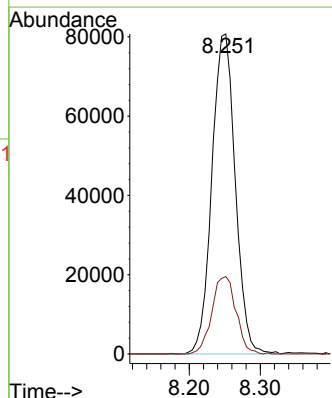
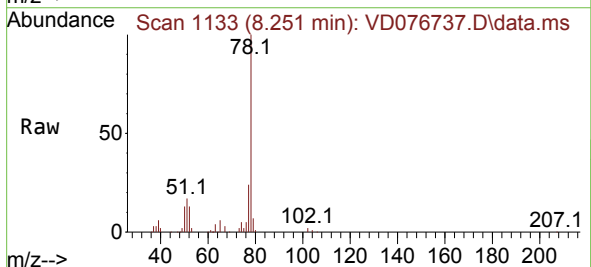
Acq: 14 Jul 2023 12:50

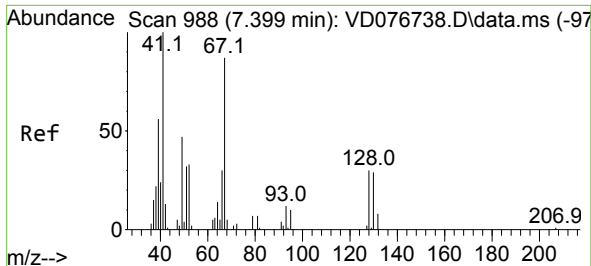
Tgt Ion: 78 Resp: 184372

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.0

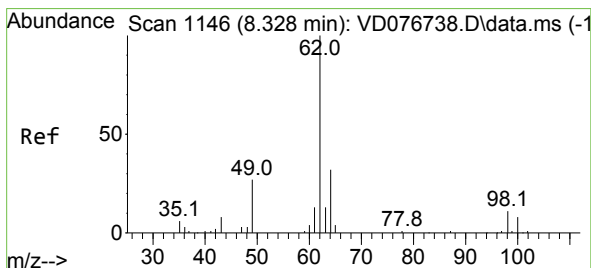
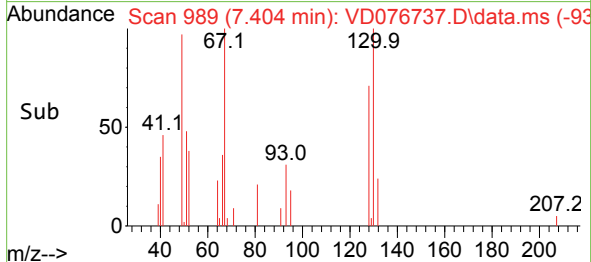
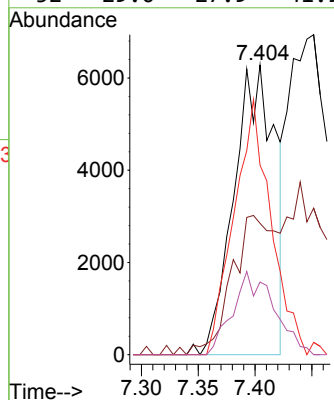
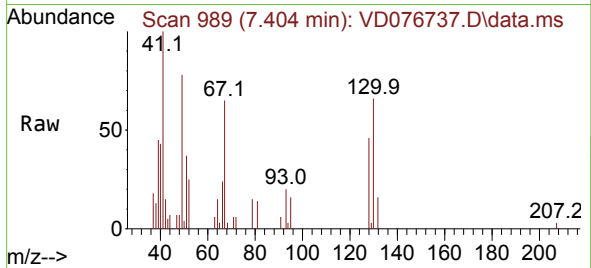




#41
Methacrylonitrile
Concen: 20.593 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

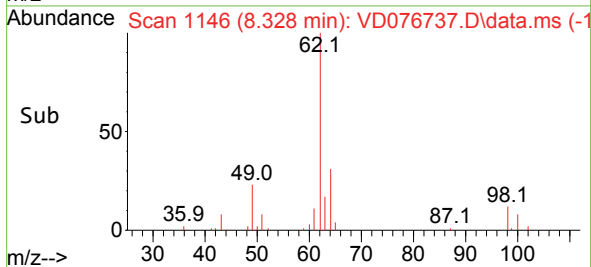
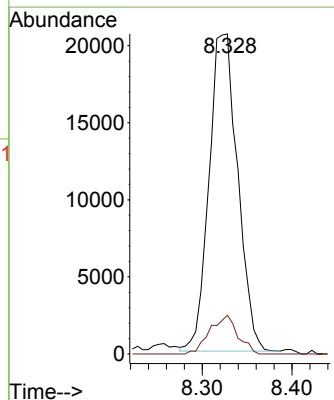
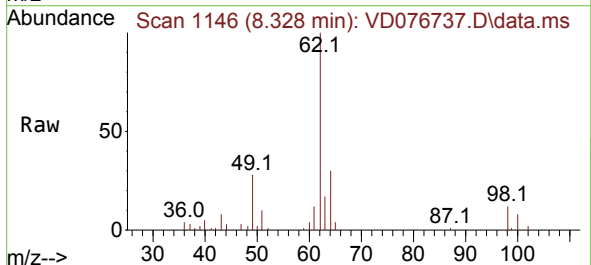
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

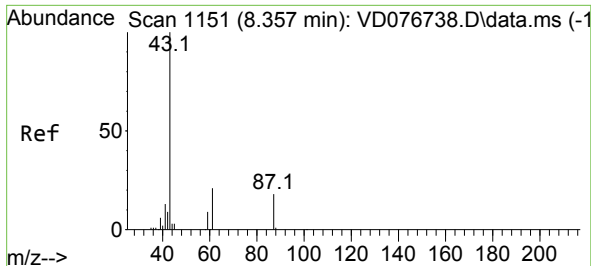
Tgt Ion: 41 Resp: 15805
Ion Ratio Lower Upper
41 100
39 52.9 34.0 51.0#
67 78.9 77.0 115.4
52 29.0 27.9 41.9



#42
1,2-Dichloroethane
Concen: 19.613 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 62 Resp: 45636
Ion Ratio Lower Upper
62 100
98 11.8 0.0 25.4

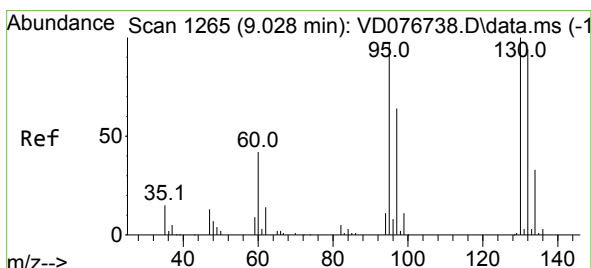
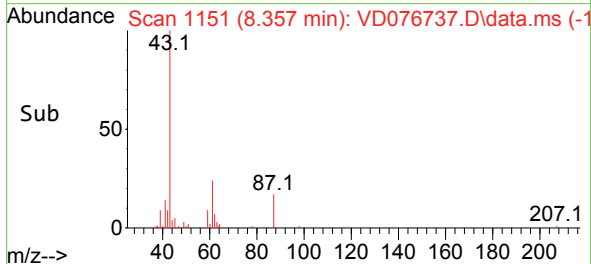
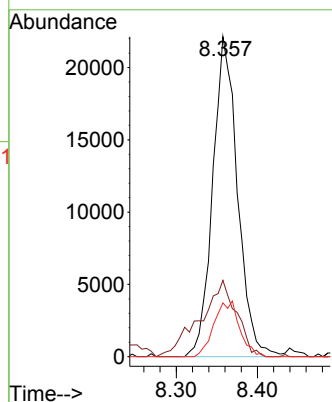
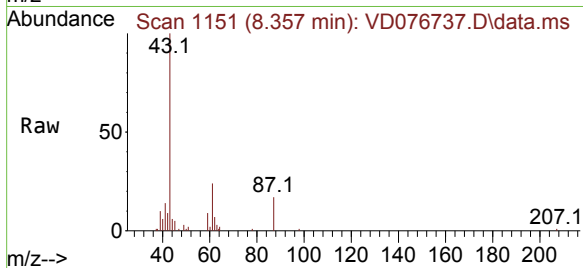




#43
Isopropyl Acetate
Concen: 19.148 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

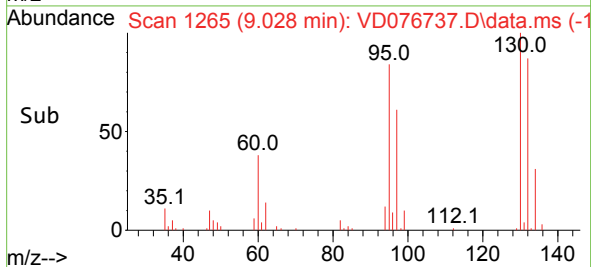
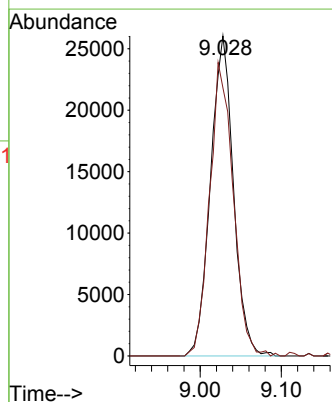
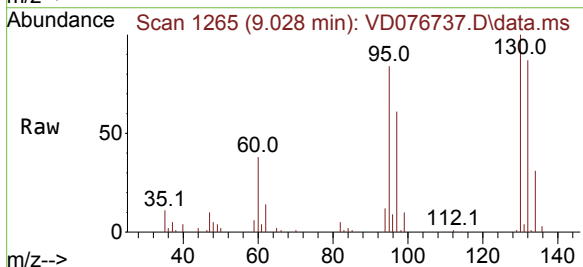
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

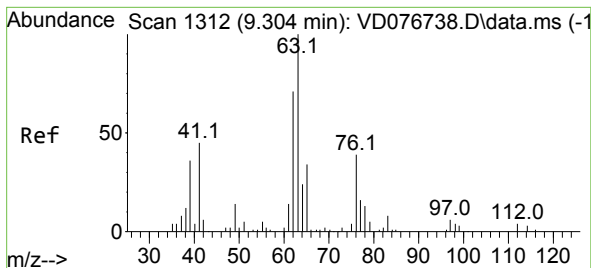
Tgt Ion: 43 Resp: 47033
Ion Ratio Lower Upper
43 100
61 34.9 31.4 47.0
87 17.9 14.9 22.3



#44
Trichloroethene
Concen: 21.205 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion:130 Resp: 51172
Ion Ratio Lower Upper
130 100
95 83.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.549 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

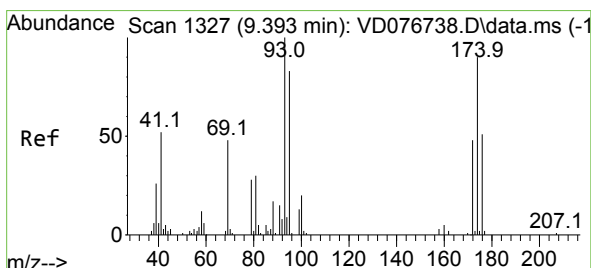
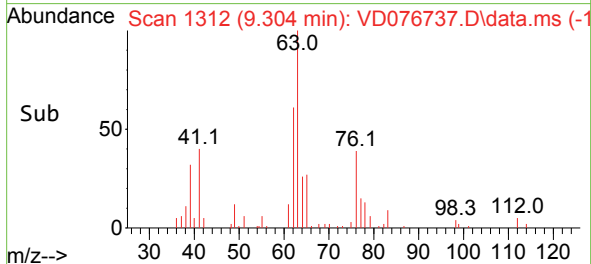
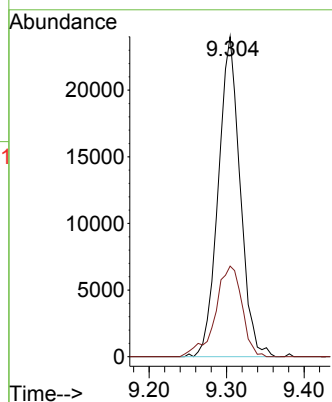
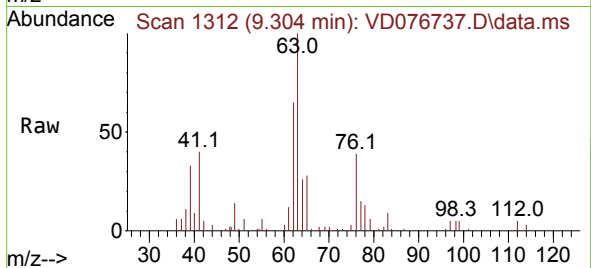
VSTDICC020

Tgt Ion: 63 Resp: 47063

Ion Ratio Lower Upper

63 100

65 28.3 24.5 36.7



#46

Dibromomethane

Concen: 20.039 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

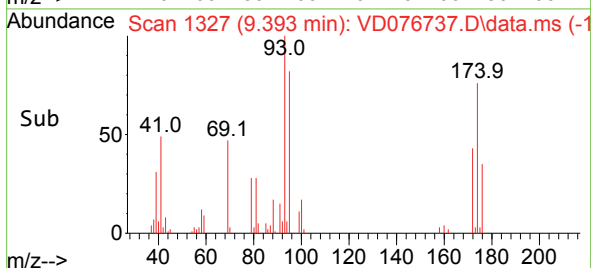
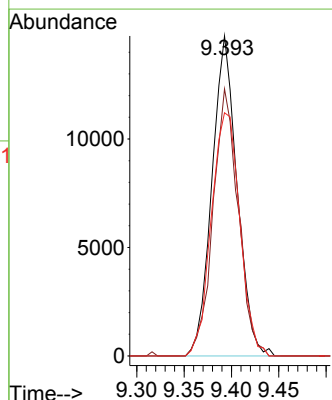
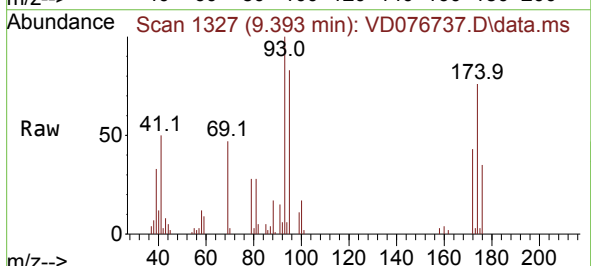
Tgt Ion: 93 Resp: 27204

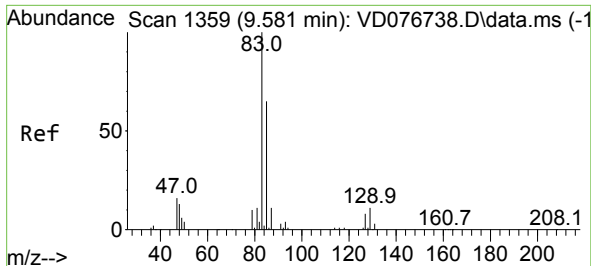
Ion Ratio Lower Upper

93 100

95 83.5 67.7 101.5

174 86.1 85.4 128.2

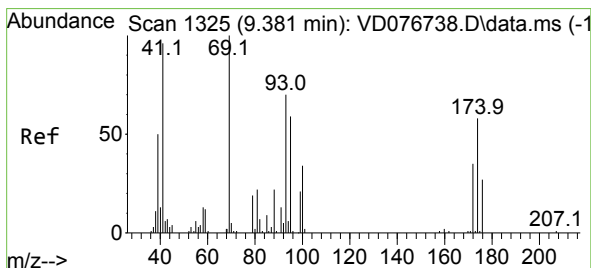
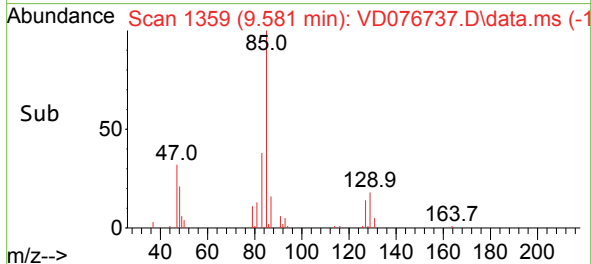
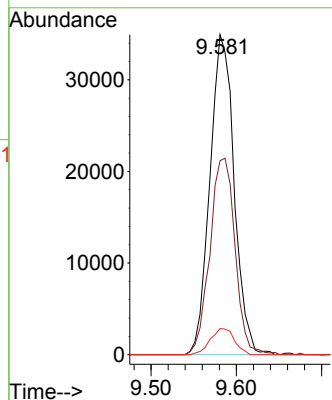
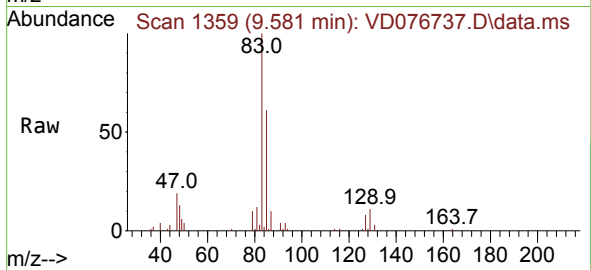




#47
Bromodichloromethane
Concen: 20.504 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

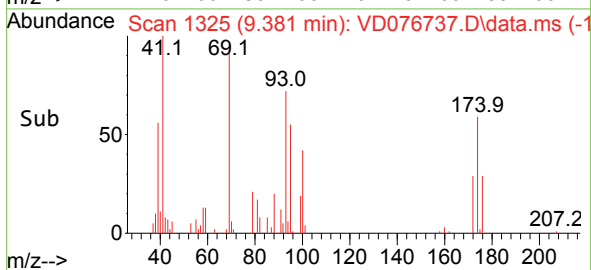
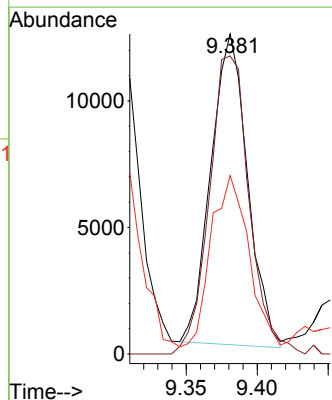
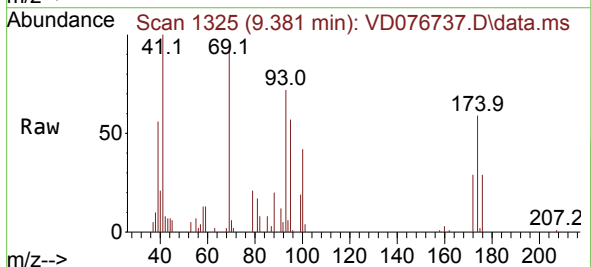
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

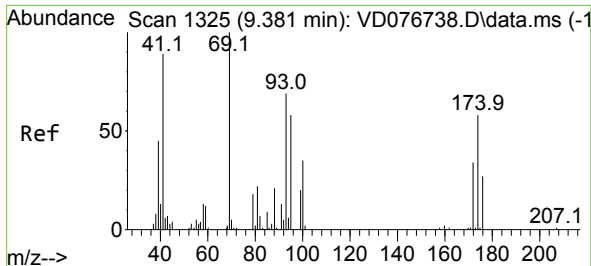
Tgt Ion: 83 Resp: 68983
Ion Ratio Lower Upper
83 100
85 60.6 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 19.597 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 41 Resp: 22051
Ion Ratio Lower Upper
41 100
69 104.3 102.2 153.2
39 56.2 41.4 62.2





#49

1,4-Dioxane

Concen: 385.930 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

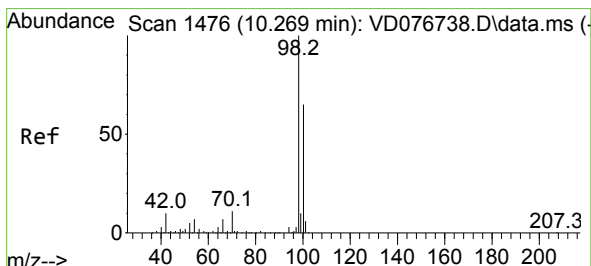
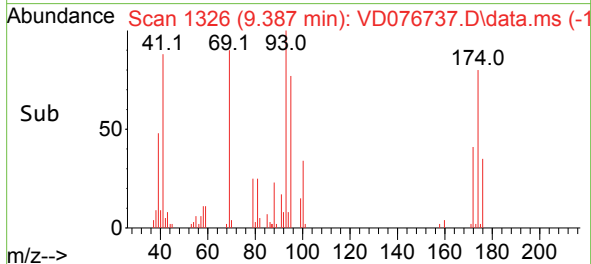
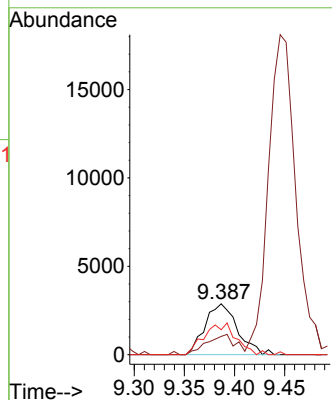
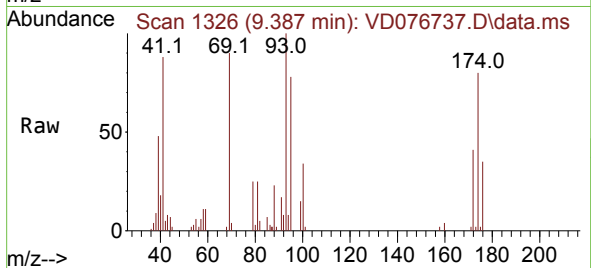
Tgt Ion: 88 Resp: 6463

Ion Ratio Lower Upper

88 100

43 34.6 19.0 28.6#

58 61.2 43.5 65.3



#50

Toluene-d8

Concen: 22.097 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076737.D

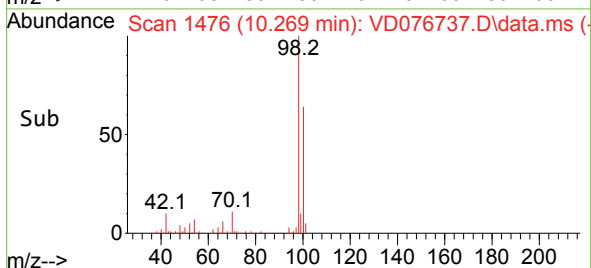
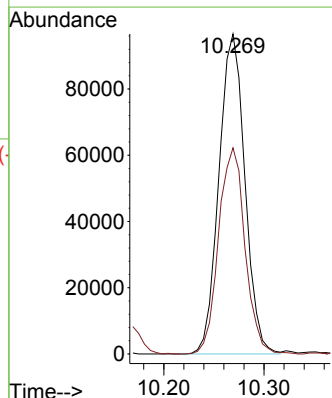
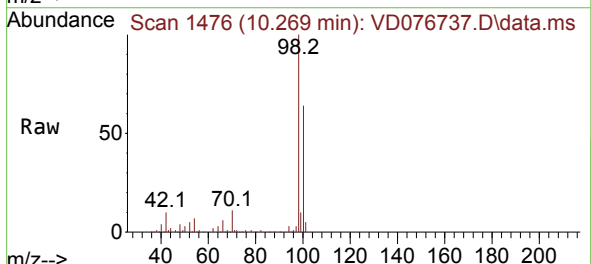
Acq: 14 Jul 2023 12:50

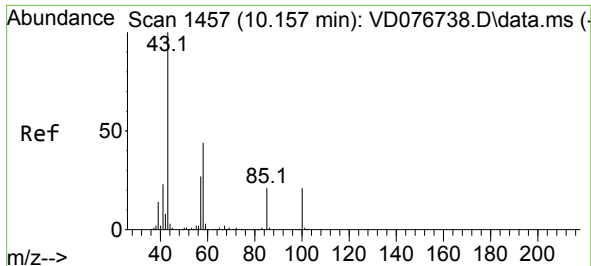
Tgt Ion: 98 Resp: 173680

Ion Ratio Lower Upper

98 100

100 65.4 50.3 75.5

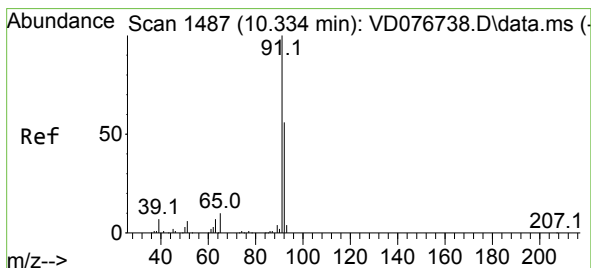
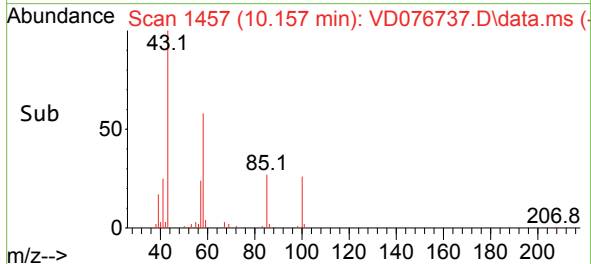
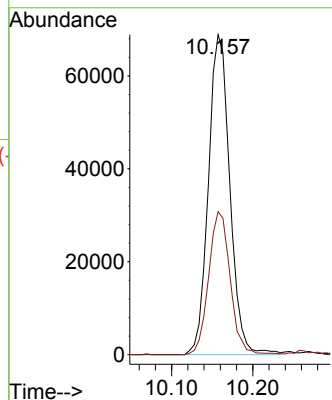
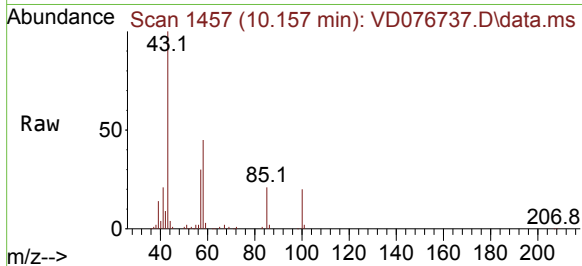




#51
4-Methyl-2-Pentanone
Concen: 96.318 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

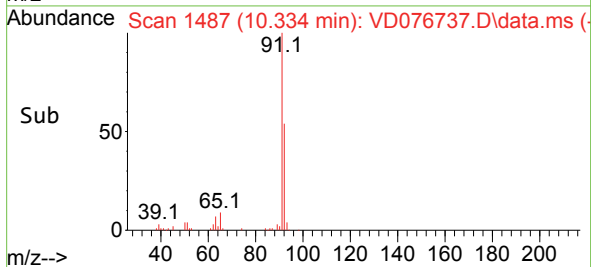
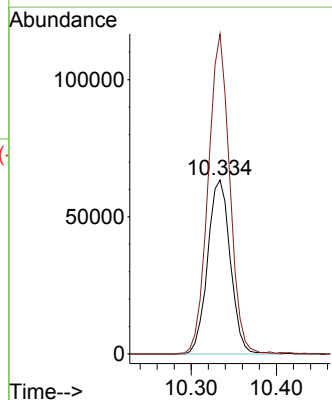
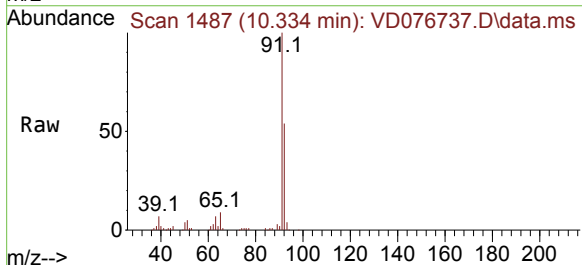
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

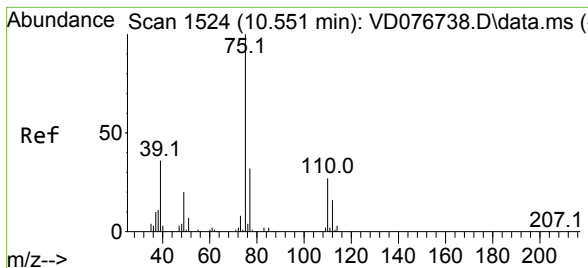
Tgt Ion: 43 Resp: 126415
Ion Ratio Lower Upper
43 100
58 45.0 38.9 58.3



#52
Toluene
Concen: 20.129 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 92 Resp: 116995
Ion Ratio Lower Upper
92 100
91 174.8 143.0 214.4

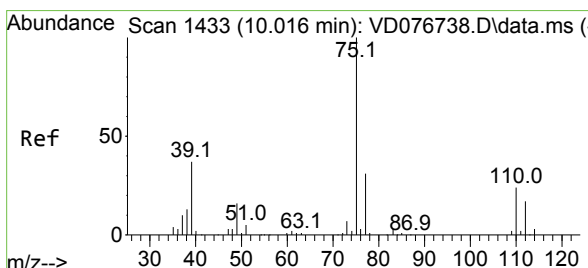
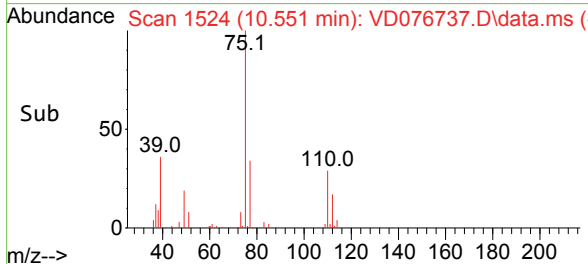
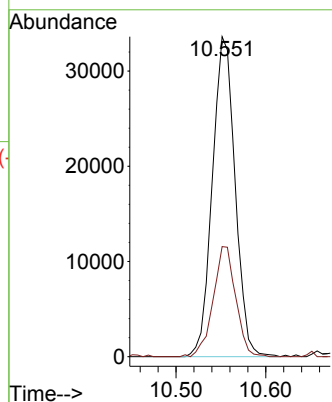
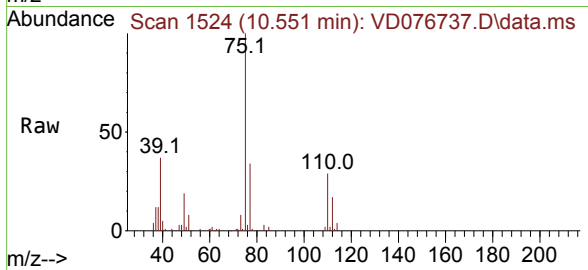




#53
 t-1,3-Dichloropropene
 Concen: 19.035 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD076737.D
 Acq: 14 Jul 2023 12:50

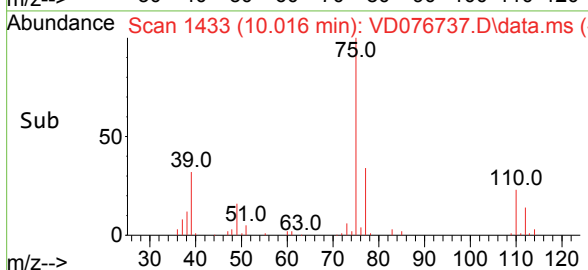
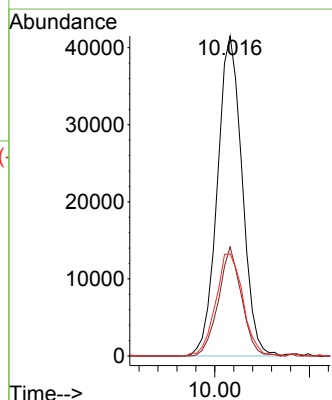
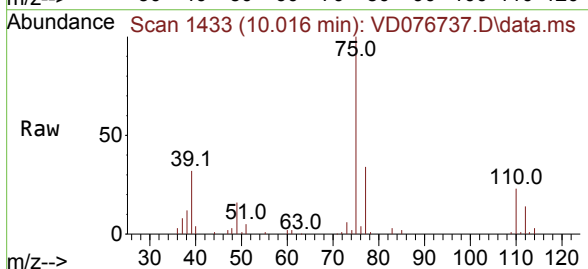
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

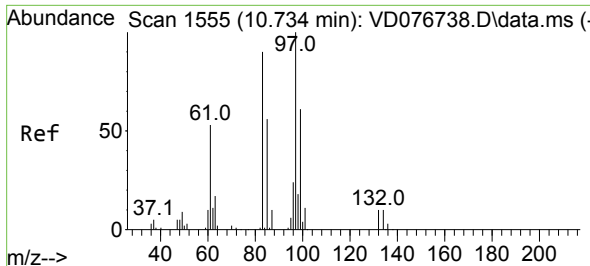
Tgt Ion: 75 Resp: 59142
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.400 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD076737.D
 Acq: 14 Jul 2023 12:50

Tgt Ion: 75 Resp: 75330
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.5 38.3
 39 31.9 22.1 33.1

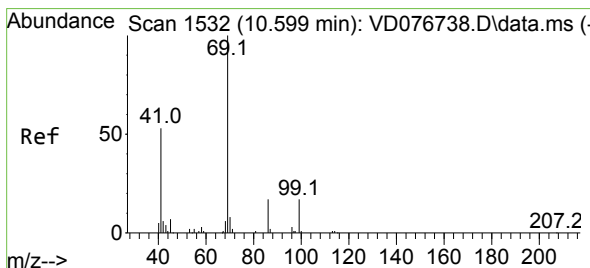
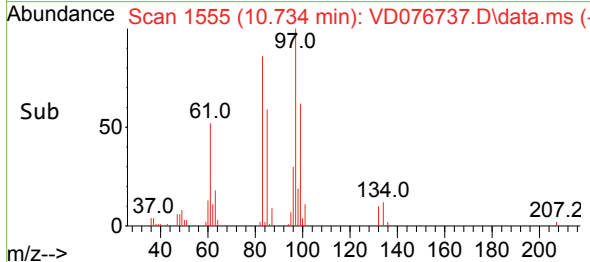
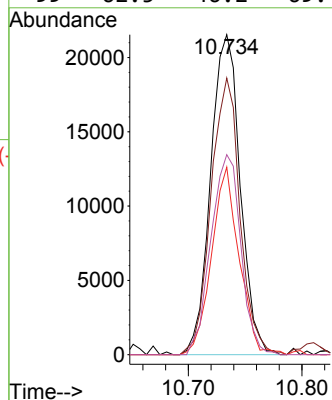
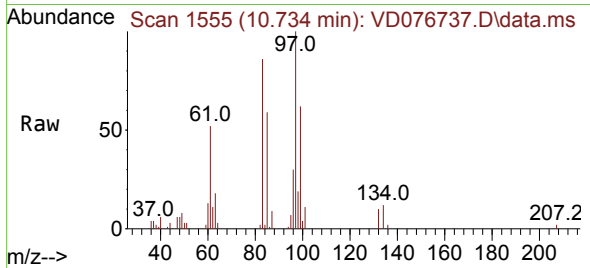




#55
1,1,2-Trichloroethane
Concen: 19.765 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

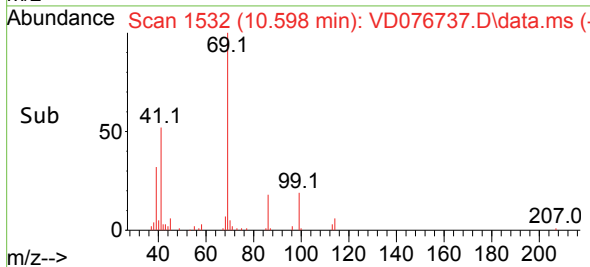
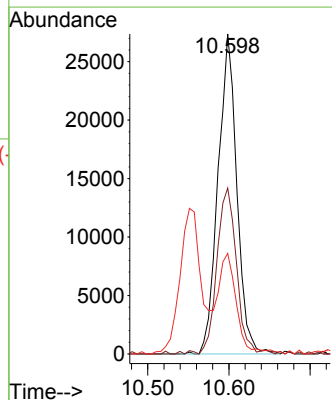
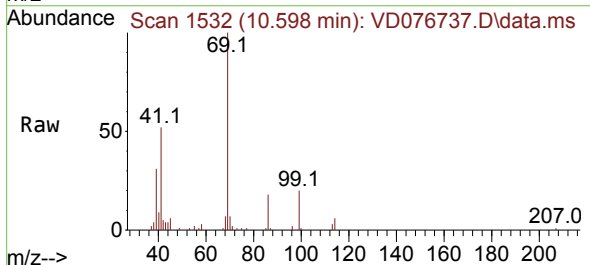
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

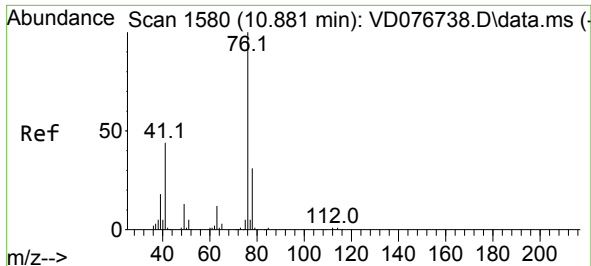
Tgt Ion:	97	Resp:	38999
Ion	Ratio	Lower	Upper
97	100		
83	86.4	65.8	98.6
85	58.6	45.7	68.5
99	62.5	46.2	69.4



#56
Ethyl methacrylate
Concen: 19.616 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion:	69	Resp:	44099
Ion	Ratio	Lower	Upper
69	100		
41	54.3	39.1	58.7
39	29.5	20.0	30.0





#57

1,3-Dichloropropane

Concen: 20.205 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

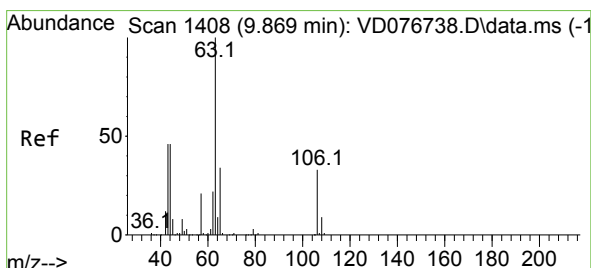
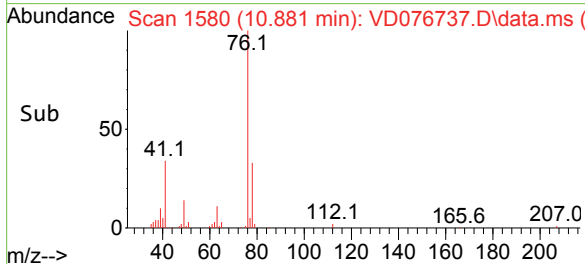
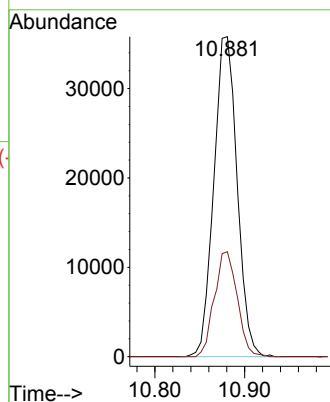
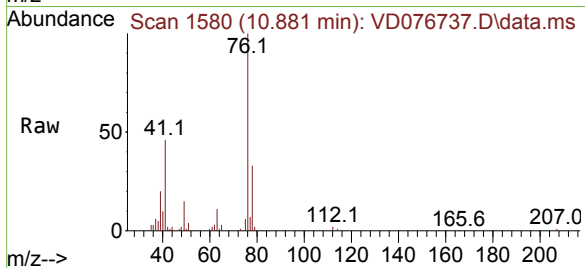
VSTDICC020

Tgt Ion: 76 Resp: 64555

Ion Ratio Lower Upper

76 100

78 32.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 99.722 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076737.D

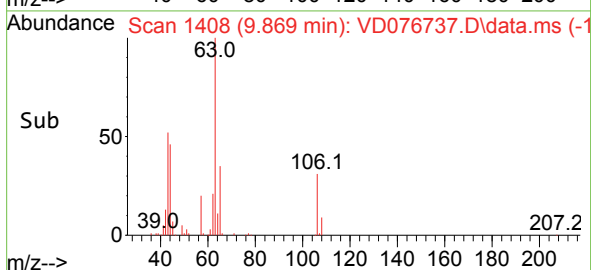
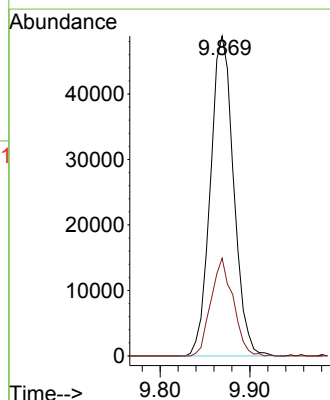
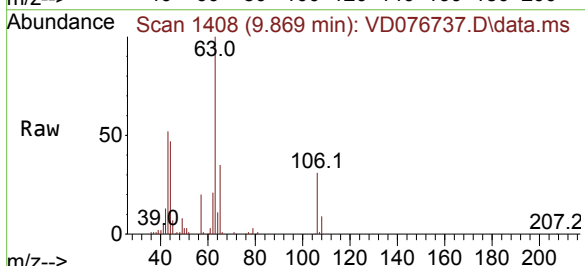
Acq: 14 Jul 2023 12:50

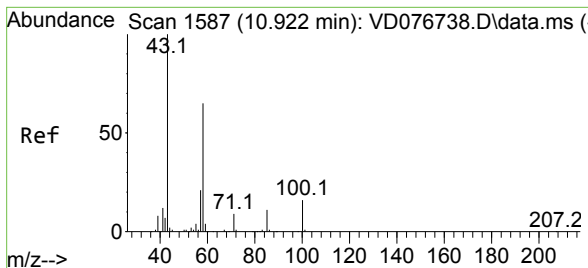
Tgt Ion: 63 Resp: 87893

Ion Ratio Lower Upper

63 100

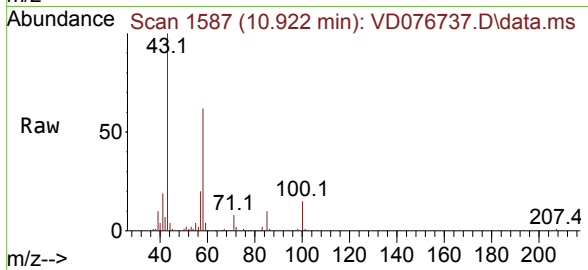
106 29.2 25.3 37.9



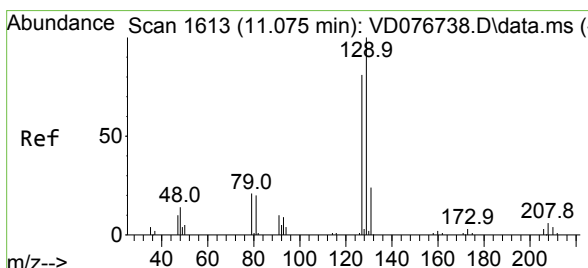
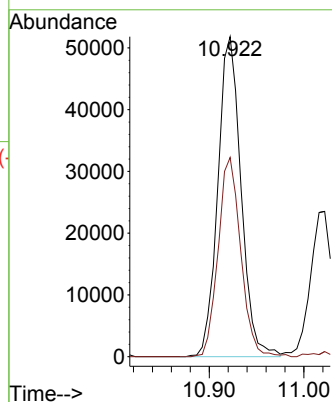
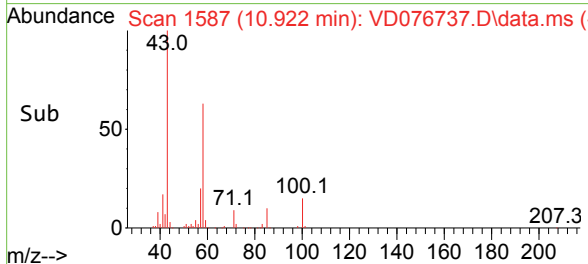


#59
2-Hexanone
Concen: 93.941 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

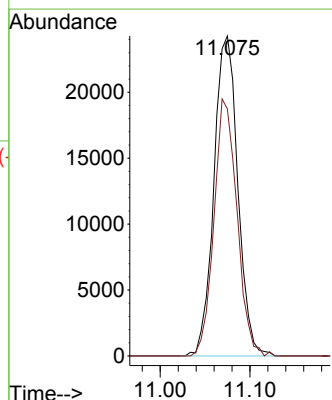
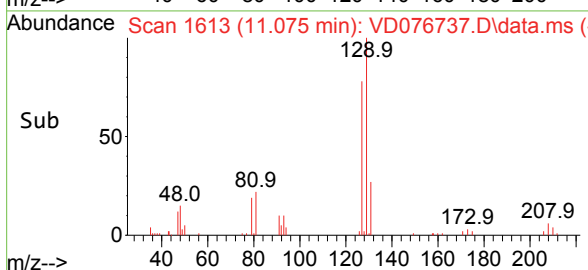
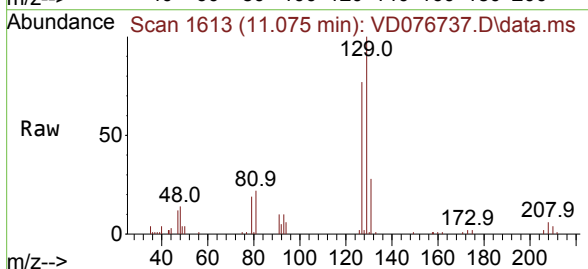


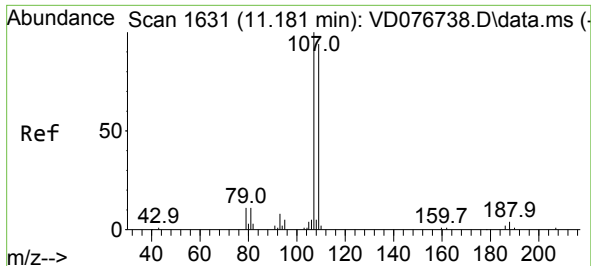
Tgt Ion: 43 Resp: 88240
Ion Ratio Lower Upper
43 100
58 60.6 34.1 102.2



#60
Dibromochloromethane
Concen: 19.690 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 129 Resp: 44838
Ion Ratio Lower Upper
129 100
127 77.5 37.1 111.5

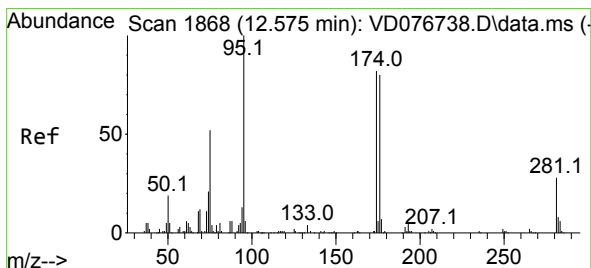
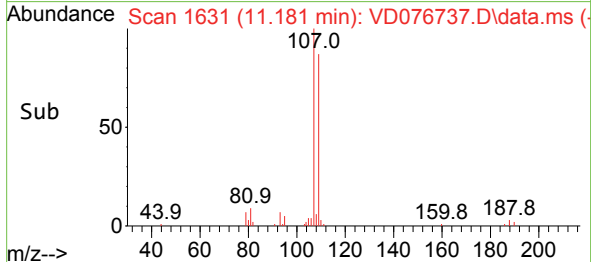
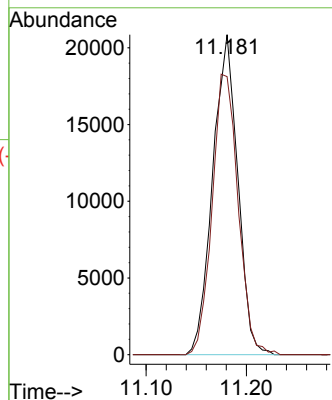
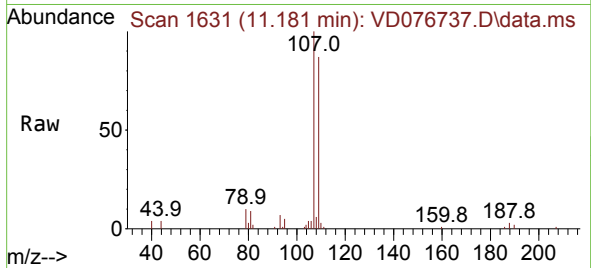




#61
1,2-Dibromoethane
Concen: 19.708 ug/l
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

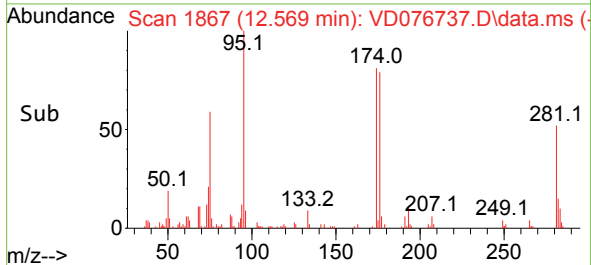
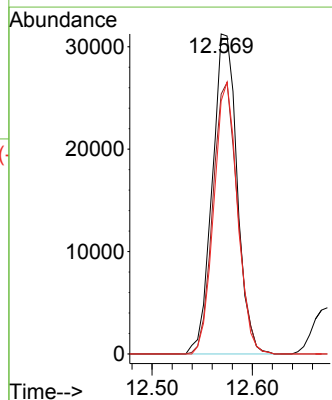
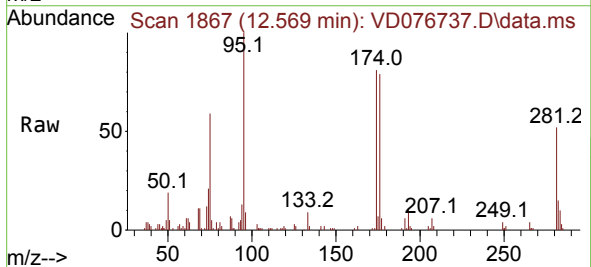
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

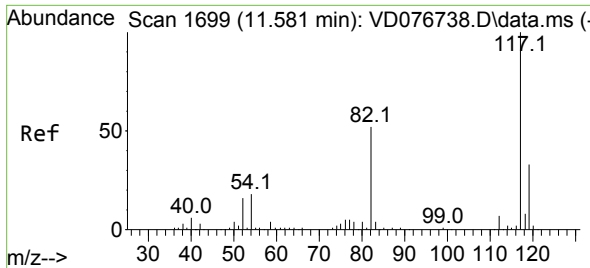
Tgt Ion:107 Resp: 36159
Ion Ratio Lower Upper
107 100
109 90.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 21.292 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 95 Resp: 53534
Ion Ratio Lower Upper
95 100
174 84.1 0.0 201.8
176 80.7 0.0 191.8

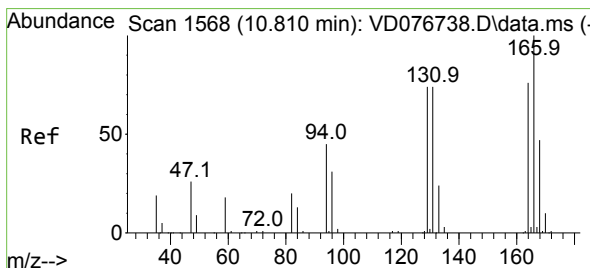
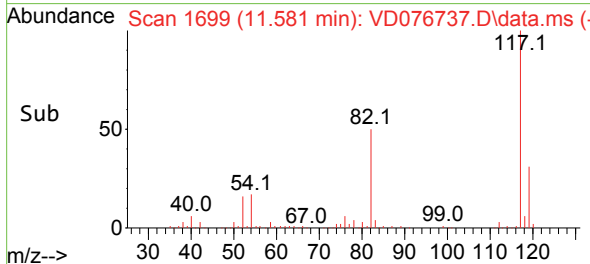
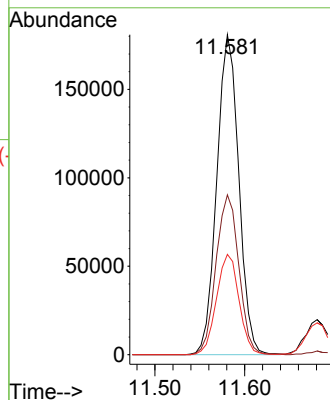
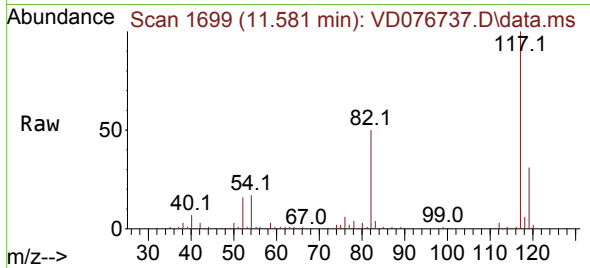




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

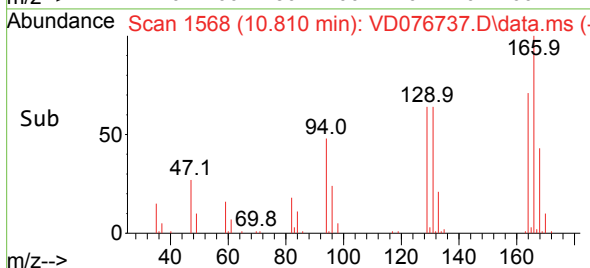
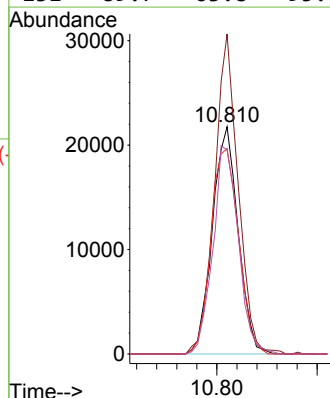
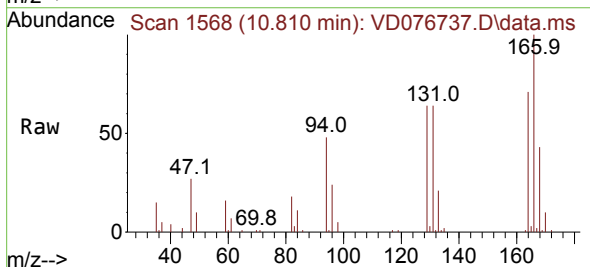
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

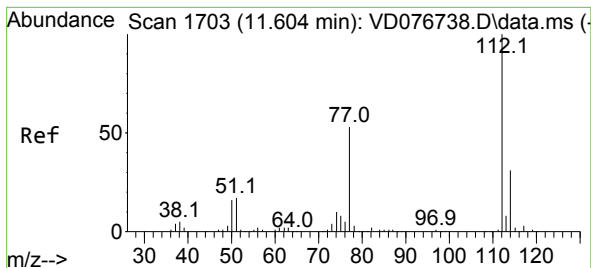
Tgt Ion:117 Resp: 308122
Ion Ratio Lower Upper
117 100
82 49.9 38.3 57.5
119 31.4 25.0 37.4



#64
Tetrachloroethene
Concen: 22.269 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion:164 Resp: 38792
Ion Ratio Lower Upper
164 100
166 140.9 99.2 148.8
129 90.4 68.4 102.6
131 89.7 63.8 95.8





#65

Chlorobenzene

Concen: 21.116 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

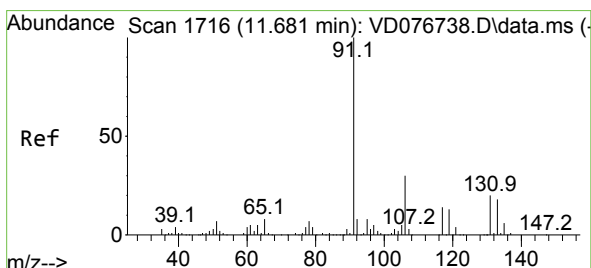
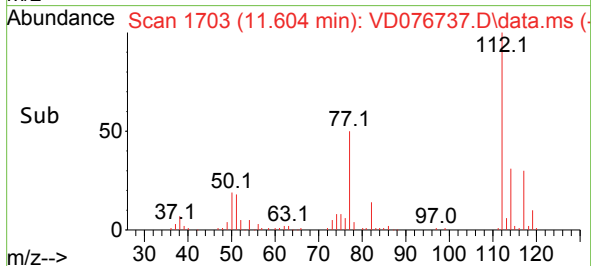
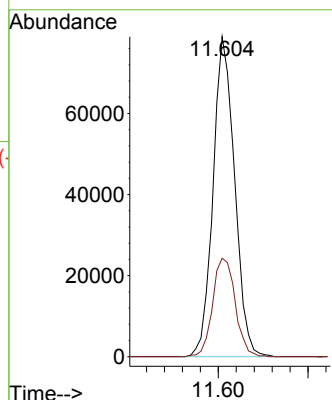
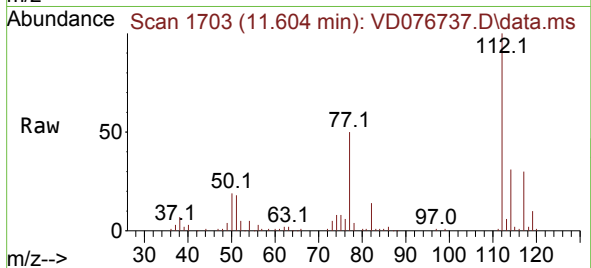
VSTDIC020

Tgt Ion:112 Resp: 131498

Ion Ratio Lower Upper

112 100

114 30.7 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.689 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

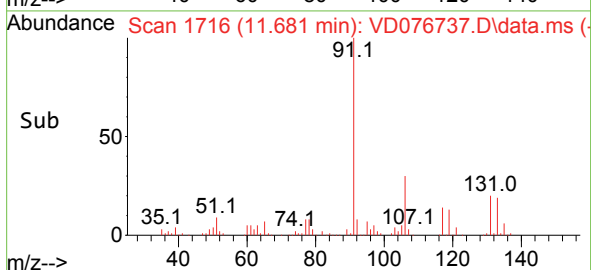
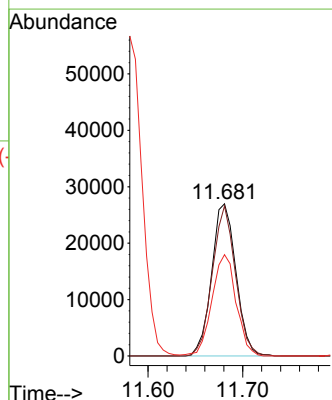
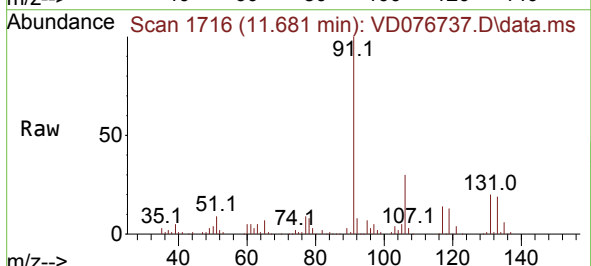
Tgt Ion:131 Resp: 48118

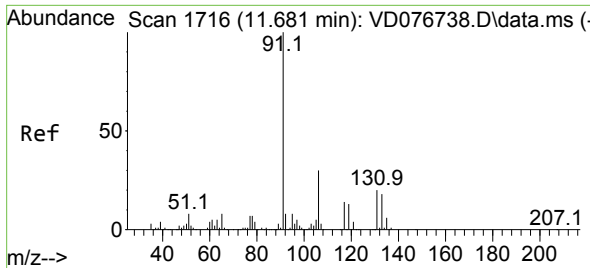
Ion Ratio Lower Upper

131 100

133 94.0 48.5 145.5

119 66.4 35.6 106.9

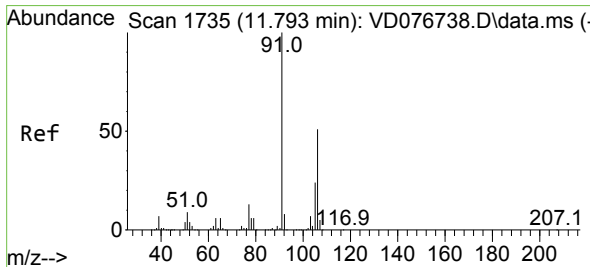
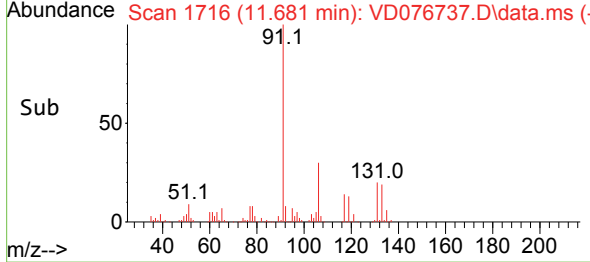
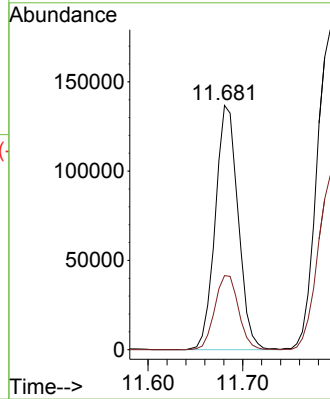
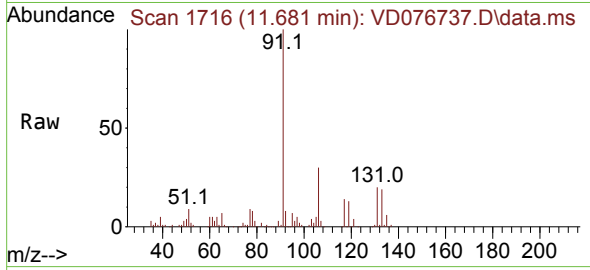




#67
Ethyl Benzene
Concen: 21.169 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

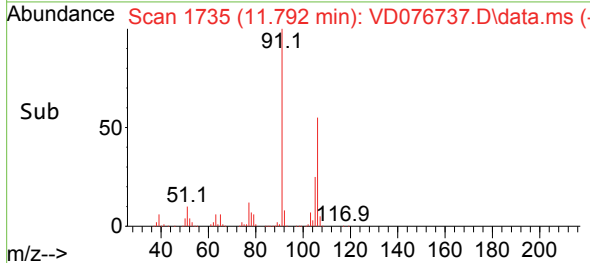
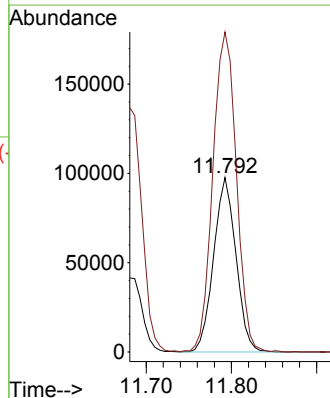
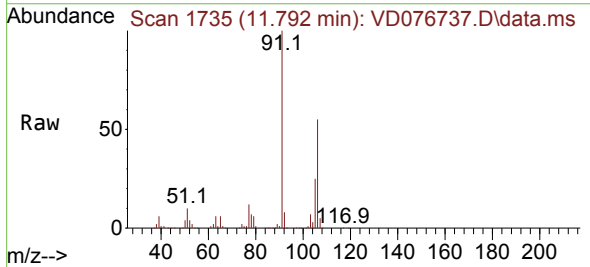
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

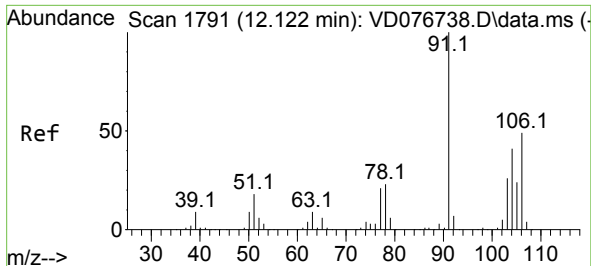
Tgt Ion: 91 Resp: 229255
Ion Ratio Lower Upper
91 100
106 30.3 26.5 39.7



#68
m/p-Xylenes
Concen: 42.700 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion:106 Resp: 177761
Ion Ratio Lower Upper
106 100
91 192.4 147.0 220.6





#69

o-Xylene

Concen: 20.722 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

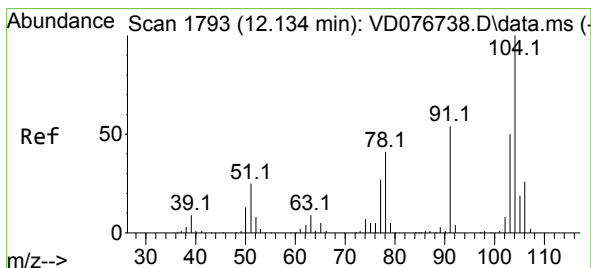
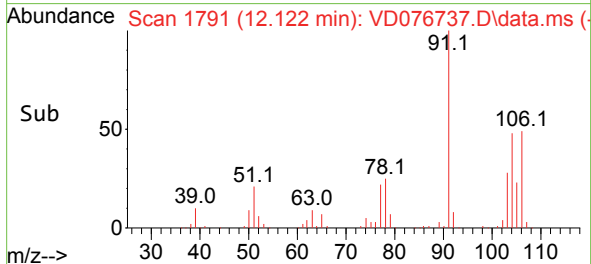
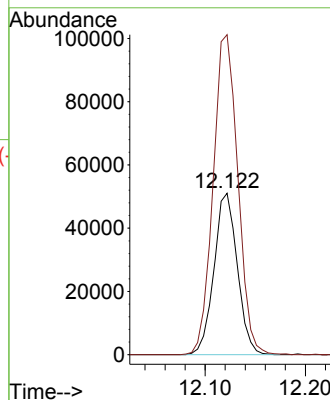
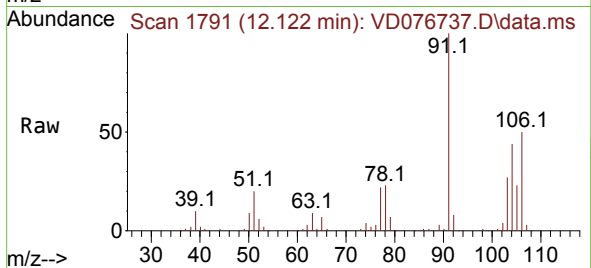
VSTDIC020

Tgt Ion:106 Resp: 82357

Ion Ratio Lower Upper

106 100

91 210.3 97.9 293.6



#70

Styrene

Concen: 21.002 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

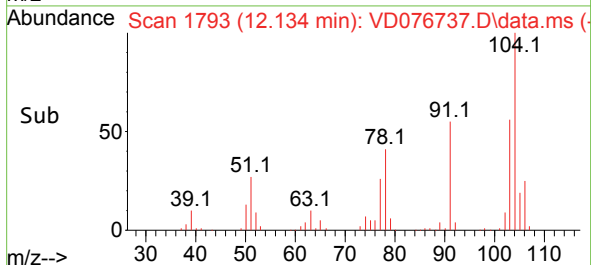
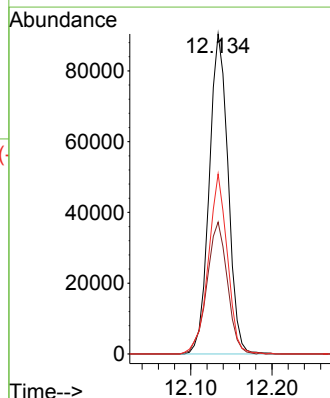
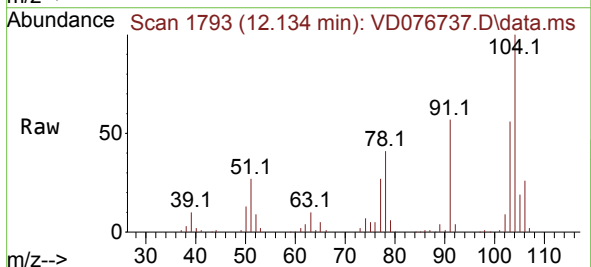
Tgt Ion:104 Resp: 145654

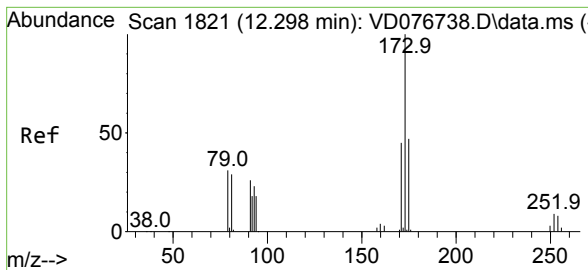
Ion Ratio Lower Upper

104 100

78 44.8 33.2 49.8

103 56.8 43.6 65.4

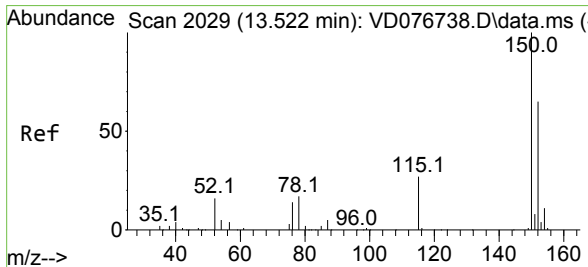
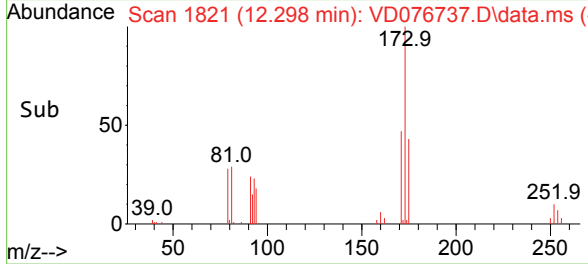
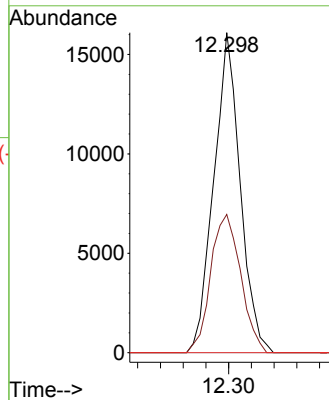
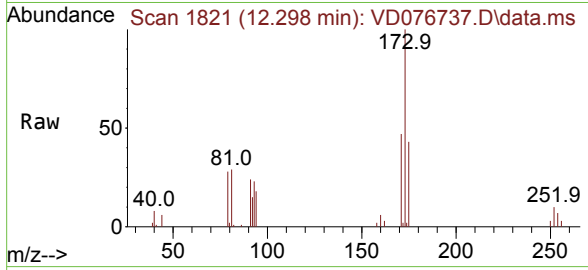




#71
Bromoform
Concen: 20.602 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

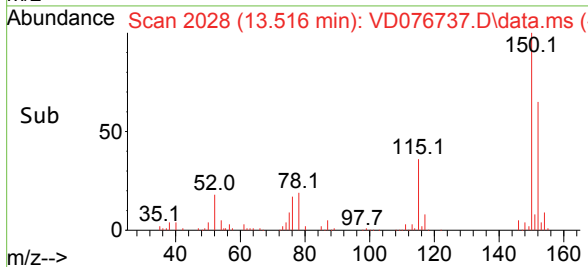
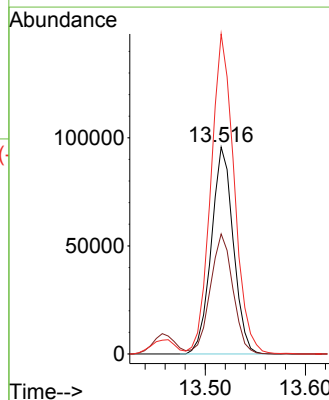
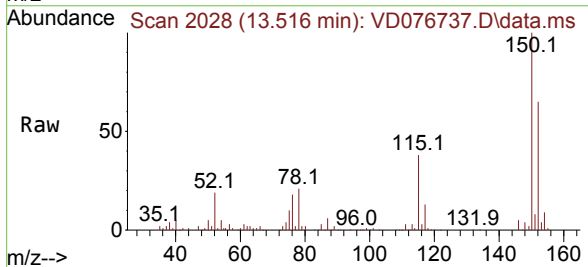
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

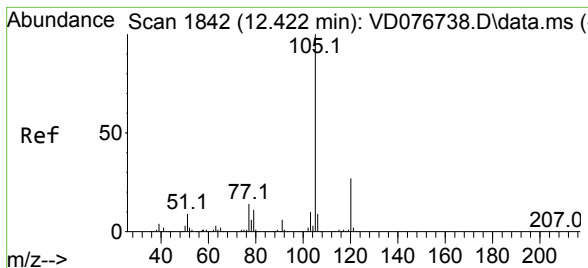
Tgt Ion:173 Resp: 25960
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion:152 Resp: 145897
Ion Ratio Lower Upper
152 100
115 59.7 27.1 81.3
150 163.9 0.0 353.6





#73

Isopropylbenzene

Concen: 21.119 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

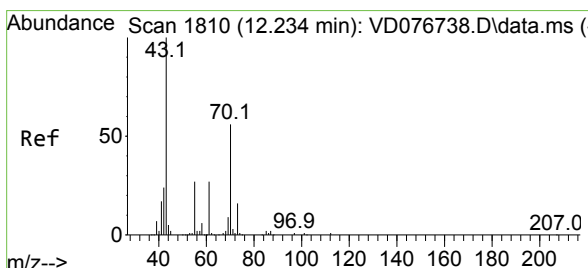
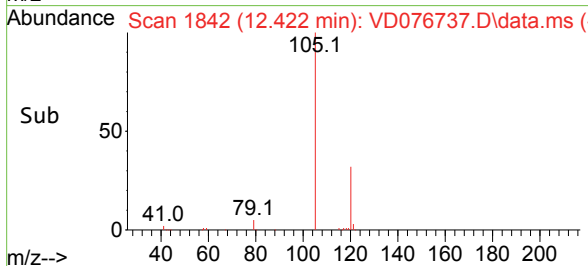
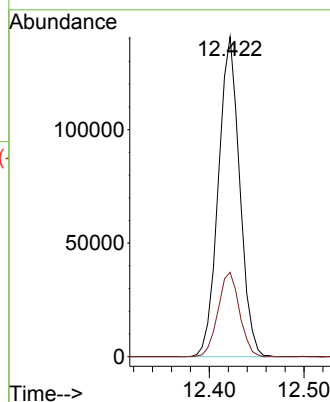
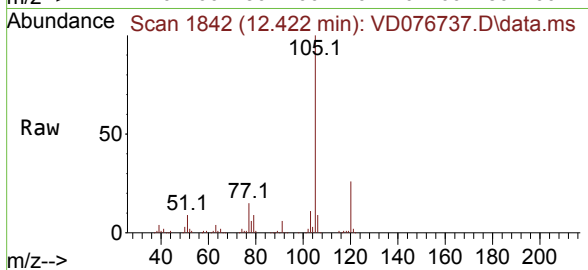
VSTDIC020

Tgt Ion:105 Resp: 220227

Ion Ratio Lower Upper

105 100

120 26.6 14.3 42.9



#74

N-ethyl acetate

Concen: 20.256 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Tgt Ion: 43 Resp: 44809

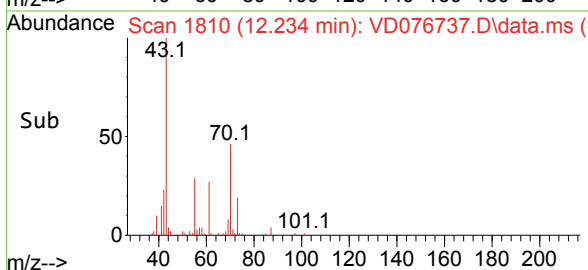
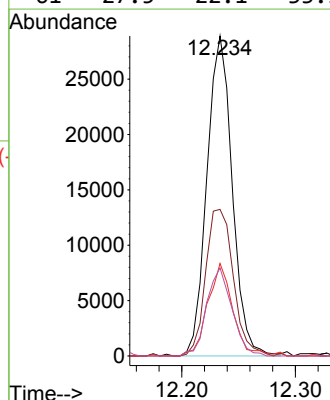
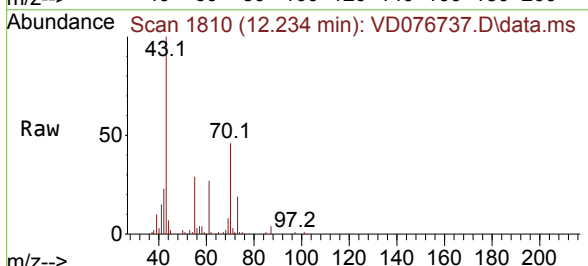
Ion Ratio Lower Upper

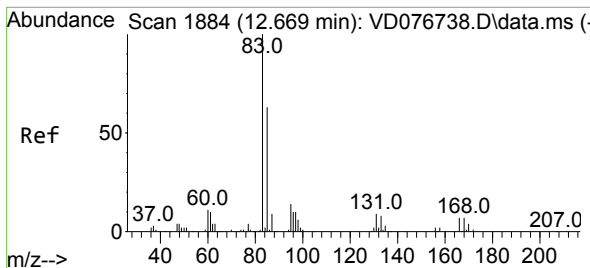
43 100

70 50.1 45.0 67.4

55 28.8 23.8 35.6

61 27.5 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.870 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

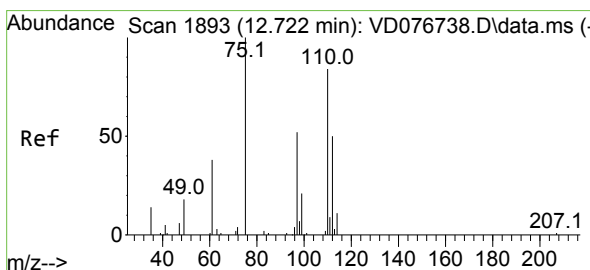
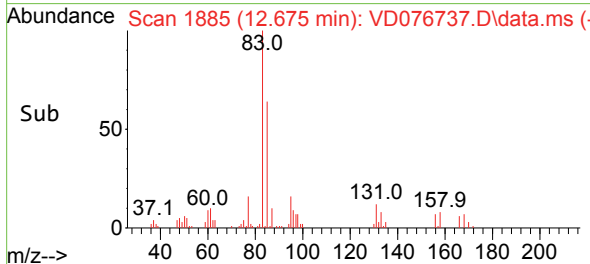
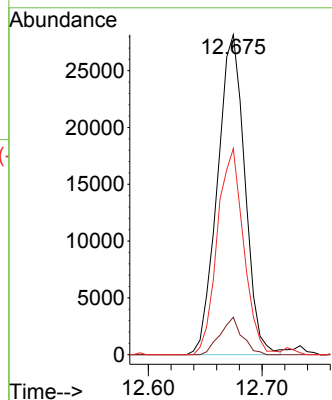
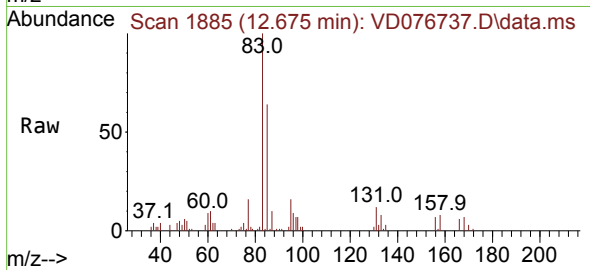
Tgt Ion: 83 Resp: 47315

Ion Ratio Lower Upper

83 100

131 9.4 5.1 15.3

85 62.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 42.093 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD076737.D

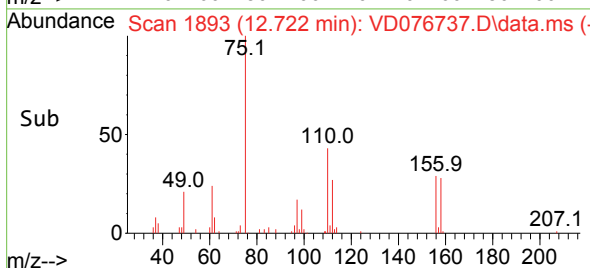
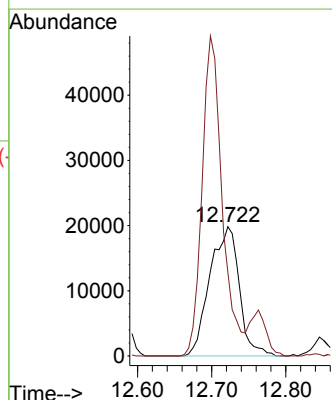
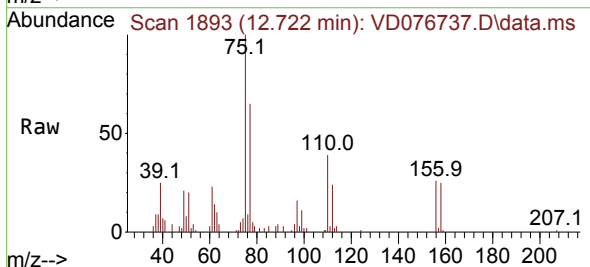
Acq: 14 Jul 2023 12:50

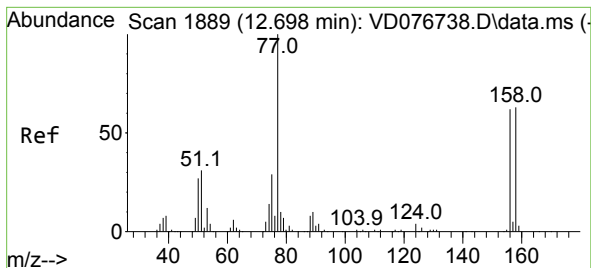
Tgt Ion: 75 Resp: 54661

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.213 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

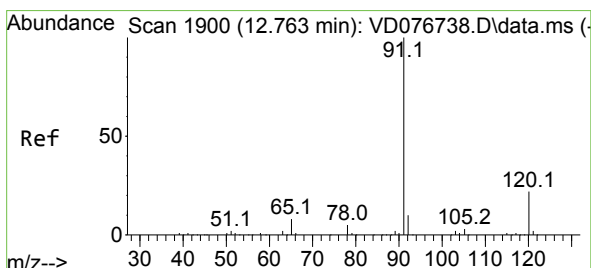
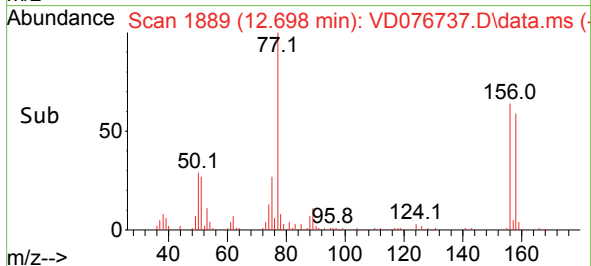
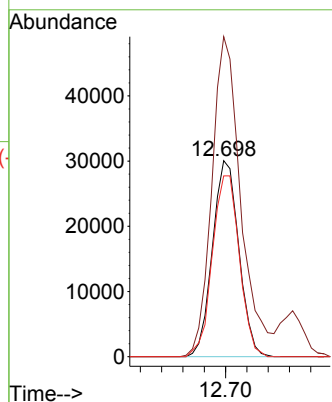
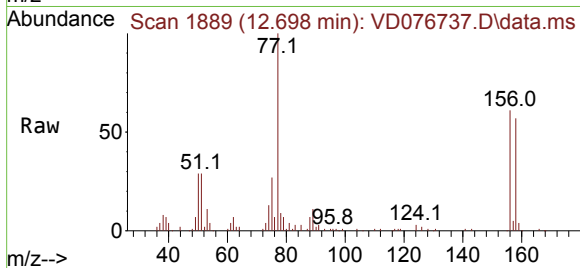
Tgt Ion:156 Resp: 51657

Ion Ratio Lower Upper

156 100

77 179.8 76.8 230.4

158 94.5 48.6 145.9



#78

n-propylbenzene

Concen: 21.660 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD076737.D

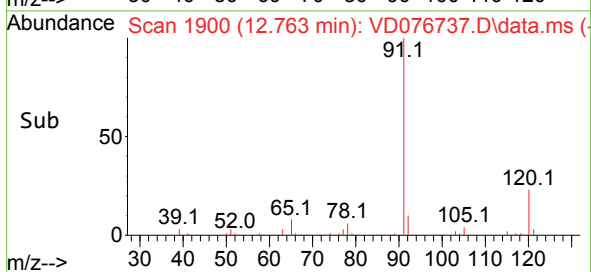
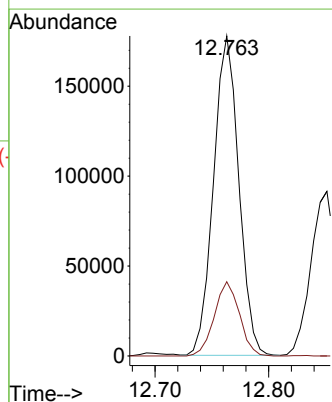
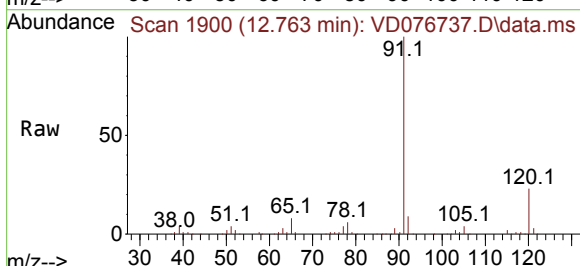
Acq: 14 Jul 2023 12:50

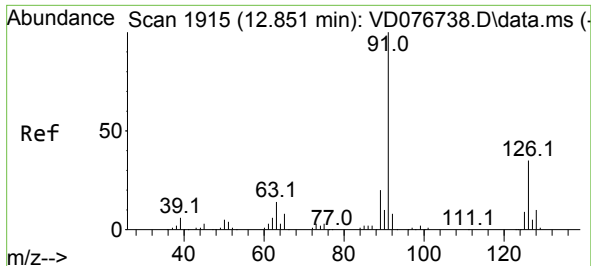
Tgt Ion: 91 Resp: 274887

Ion Ratio Lower Upper

91 100

120 23.0 12.4 37.2

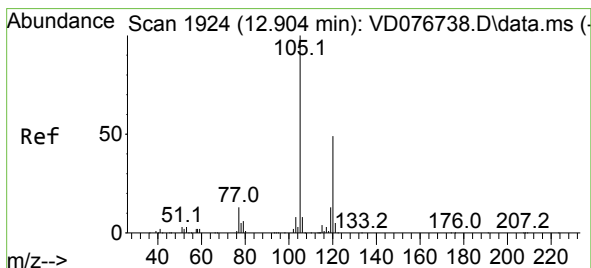
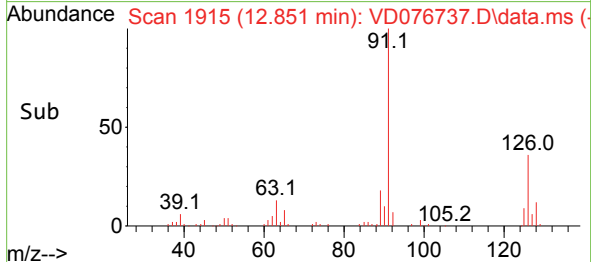
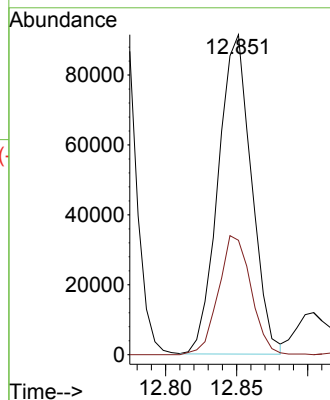
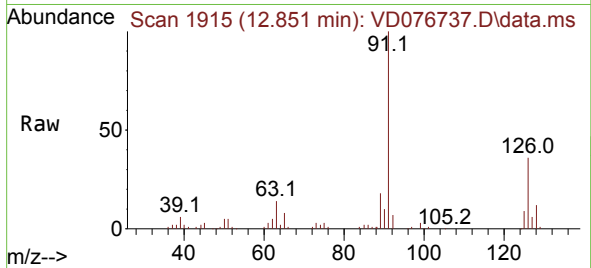




#79
2-Chlorotoluene
Concen: 21.191 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

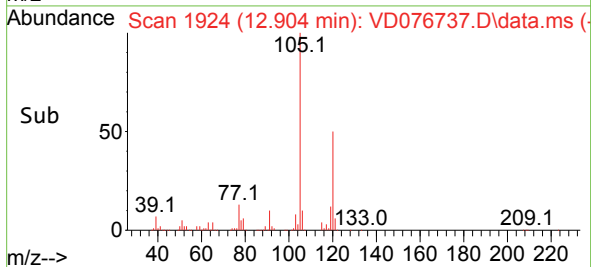
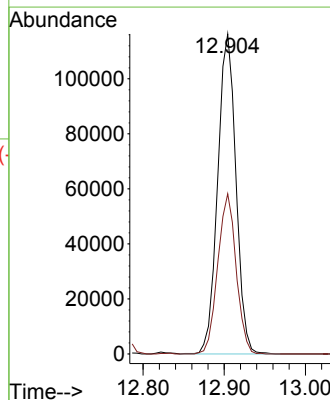
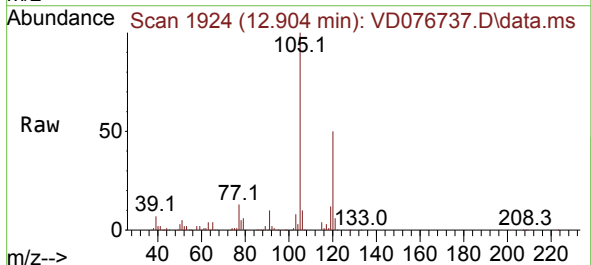
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

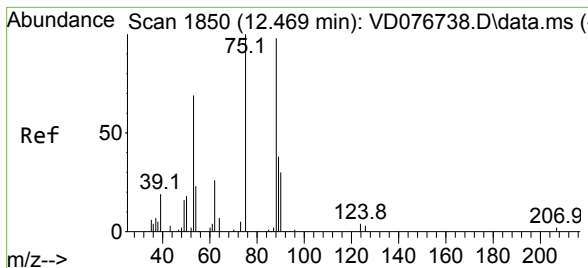
Tgt Ion: 91 Resp: 148926
Ion Ratio Lower Upper
91 100
126 36.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 21.371 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 105 Resp: 181775
Ion Ratio Lower Upper
105 100
120 50.4 26.4 79.2

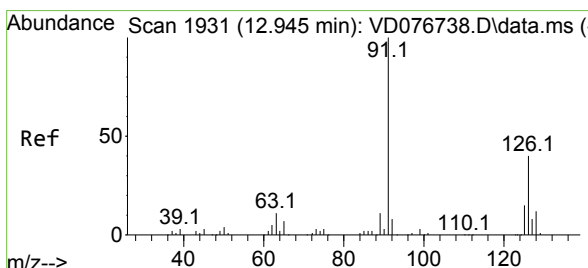
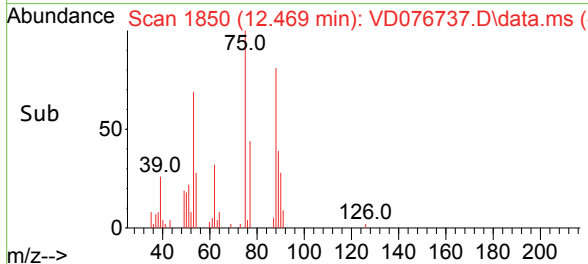
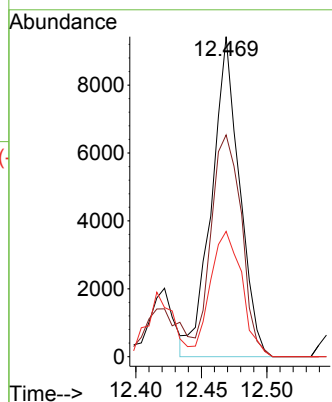
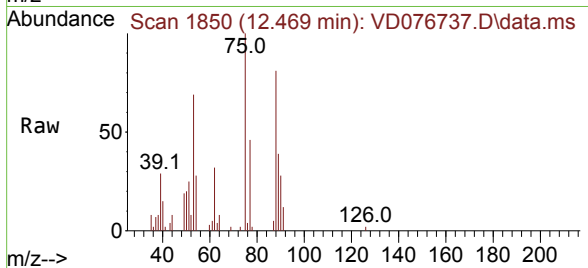




#81
trans-1,4-Dichloro-2-butene
Concen: 21.514 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

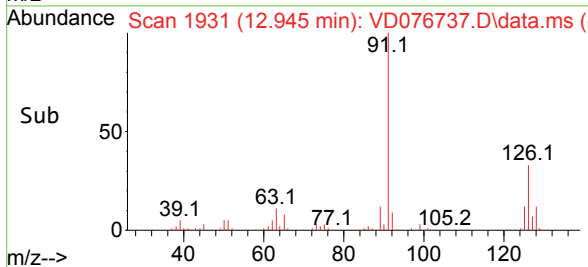
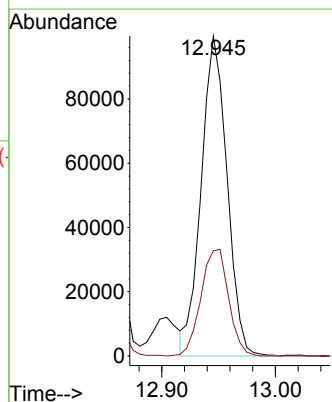
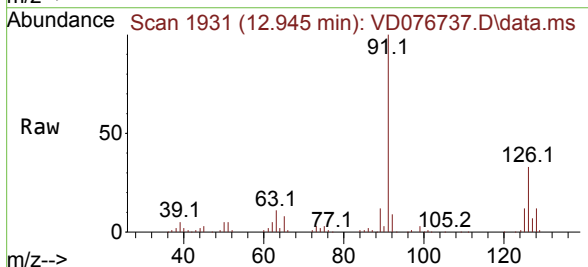
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

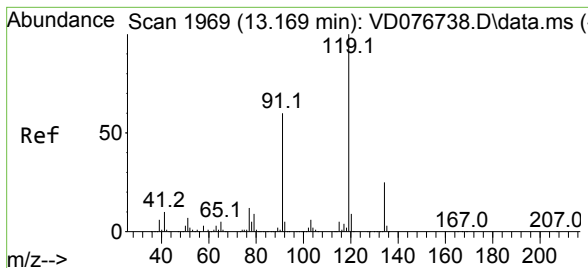
Tgt Ion: 75 Resp: 13891
Ion Ratio Lower Upper
75 100
53 74.9 63.0 94.4
89 44.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.343 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 91 Resp: 157369
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.4

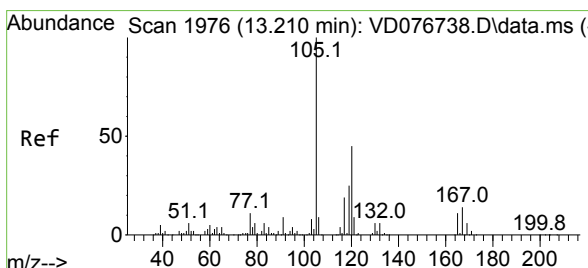
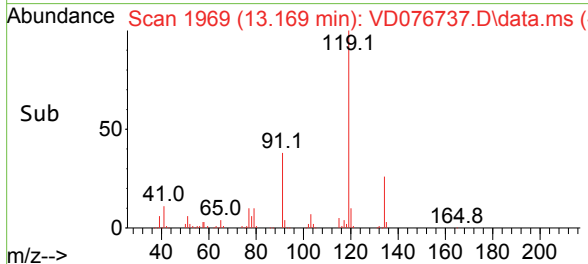
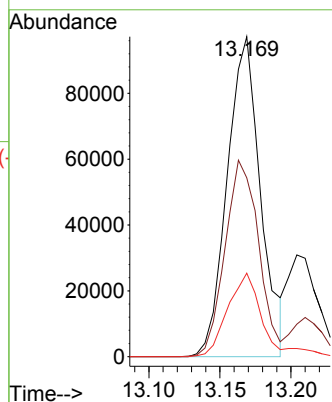
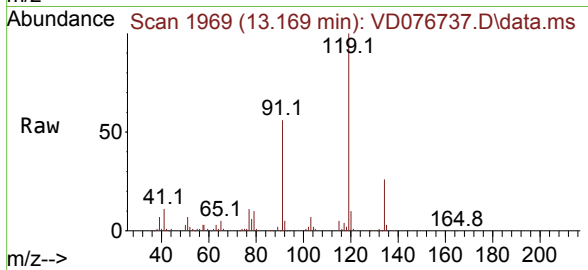




#83
tert-Butylbenzene
Concen: 21.198 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

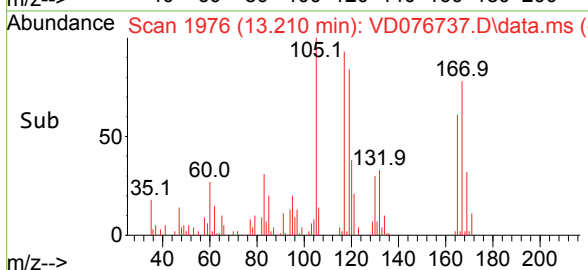
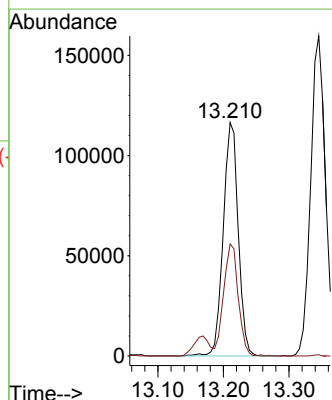
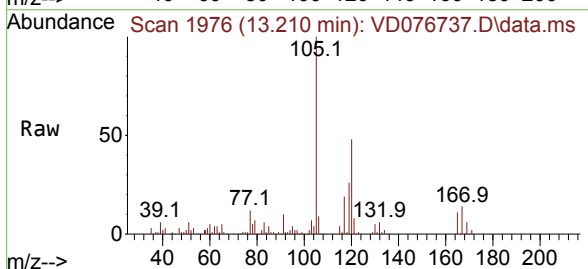
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

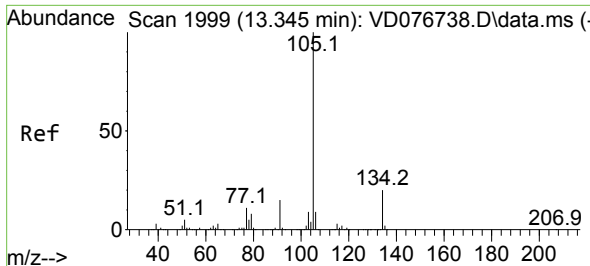
Tgt Ion:119 Resp: 158776
Ion Ratio Lower Upper
119 100
91 62.0 29.3 87.8
134 27.4 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 21.300 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion:105 Resp: 184364
Ion Ratio Lower Upper
105 100
120 46.3 24.3 72.9

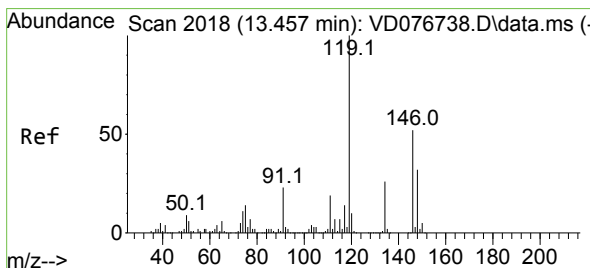
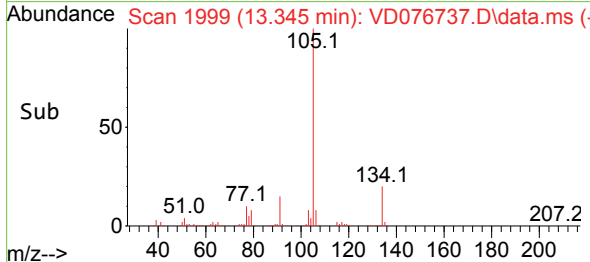
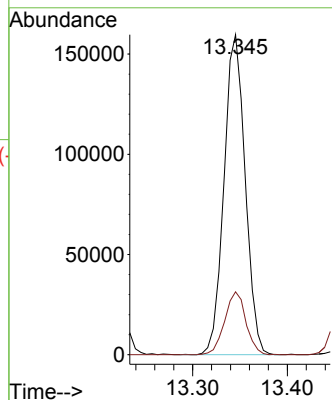
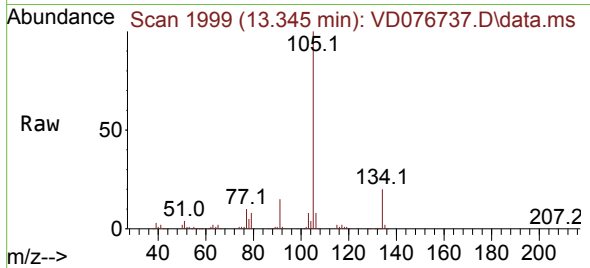




#85
 sec-Butylbenzene
 Concen: 21.609 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD076737.D
 Acq: 14 Jul 2023 12:50

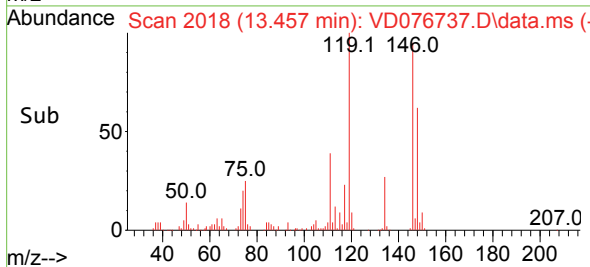
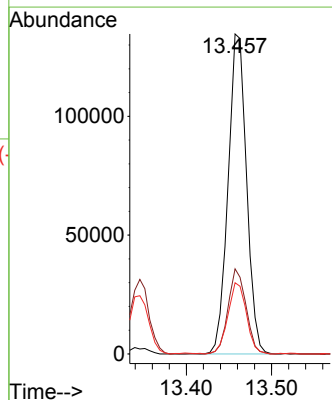
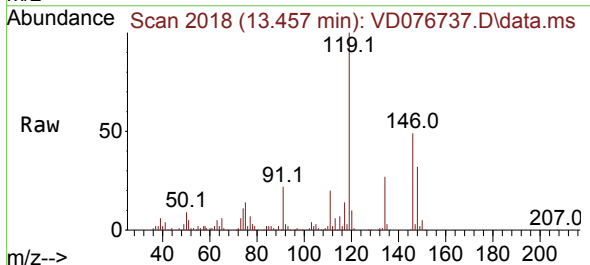
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

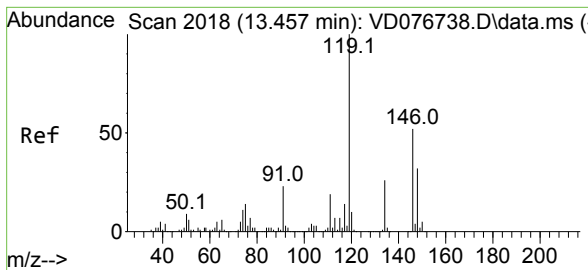
Tgt Ion:105 Resp: 248177
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 21.507 ug/l
 RT: 13.457 min Scan# 1818
 Delta R.T. -0.000 min
 Lab File: VD076737.D
 Acq: 14 Jul 2023 12:50

Tgt Ion:119 Resp: 202816
 Ion Ratio Lower Upper
 119 100
 134 25.8 14.2 42.6
 91 22.4 10.5 31.5

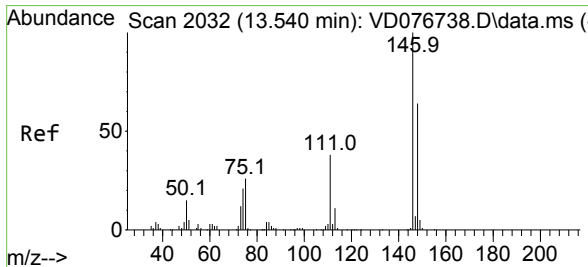
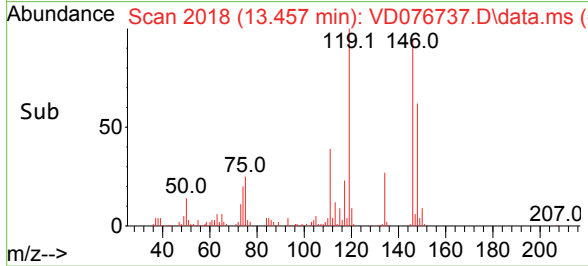
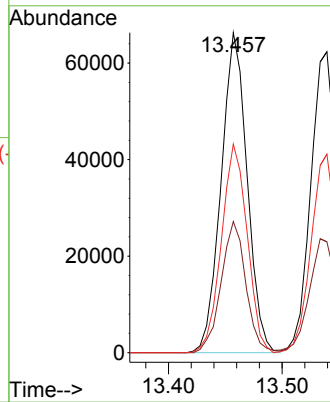
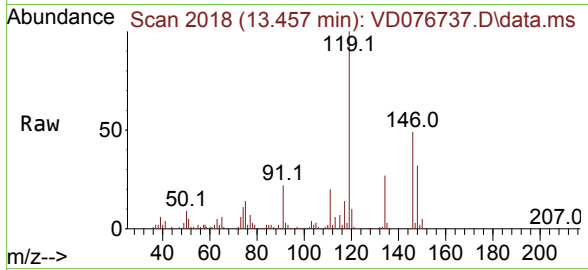




#87
1,3-Dichlorobenzene
Concen: 20.937 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

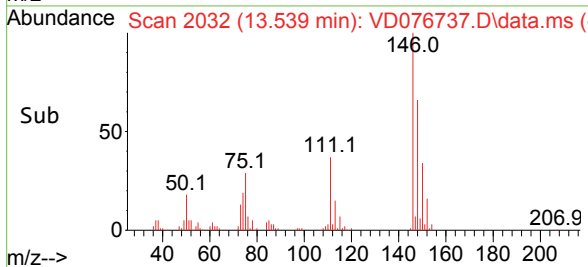
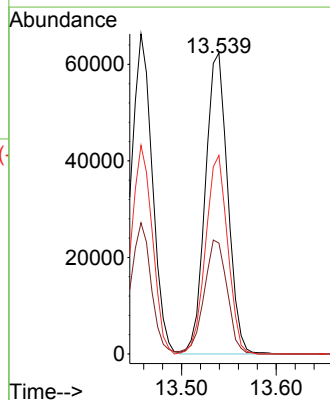
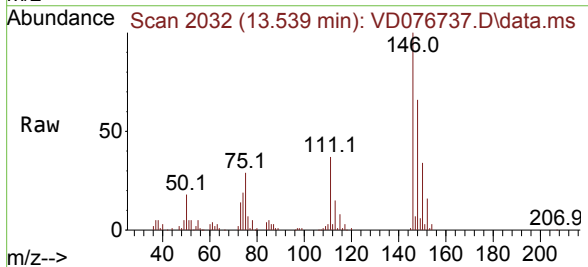
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

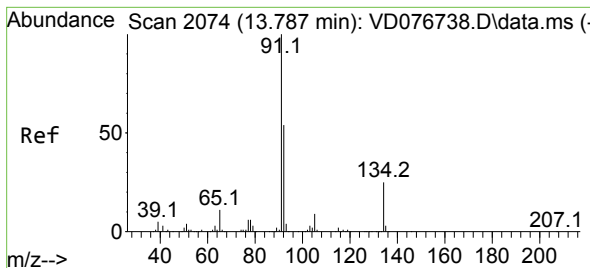
Tgt Ion:146 Resp: 105645
Ion Ratio Lower Upper
146 100
111 38.8 17.9 53.8
148 64.4 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.465 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion:146 Resp: 102229
Ion Ratio Lower Upper
146 100
111 39.0 17.4 52.3
148 65.2 31.7 95.1





#89

n-Butylbenzene

Concen: 22.091 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

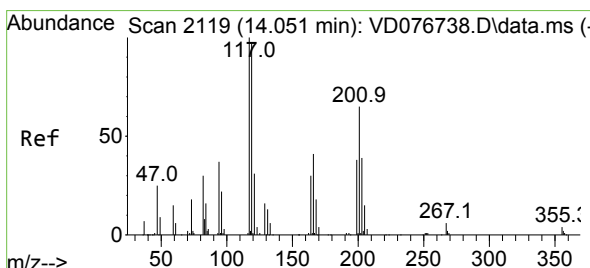
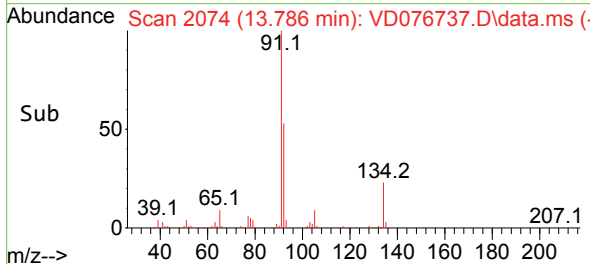
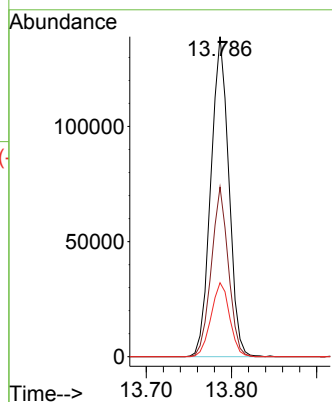
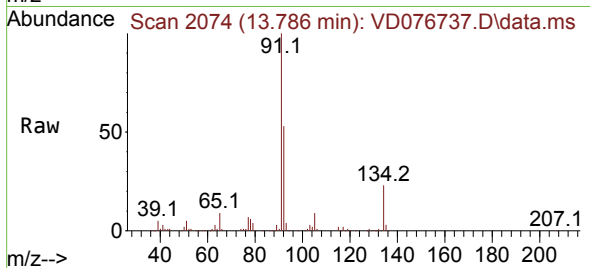
Tgt Ion: 91 Resp: 203209

Ion Ratio Lower Upper

91 100

92 50.4 26.5 79.5

134 23.9 13.8 41.3



#90

Hexachloroethane

Concen: 20.833 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD076737.D

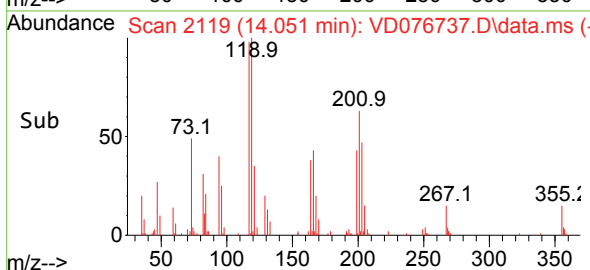
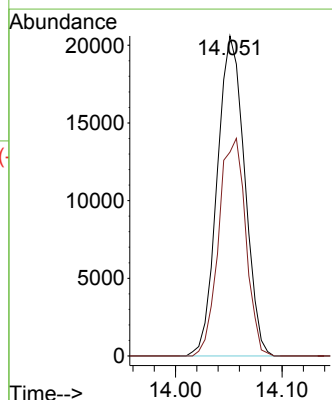
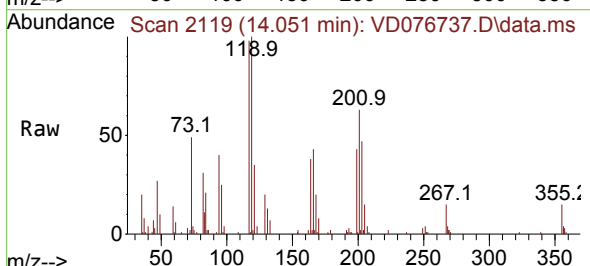
Acq: 14 Jul 2023 12:50

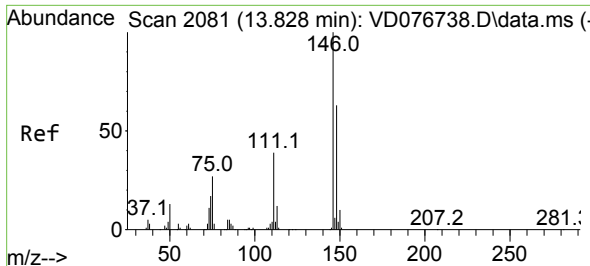
Tgt Ion: 117 Resp: 36824

Ion Ratio Lower Upper

117 100

201 67.0 38.5 115.5

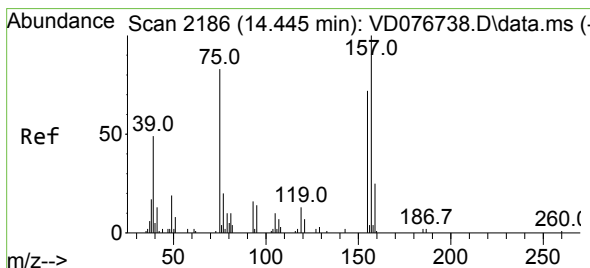
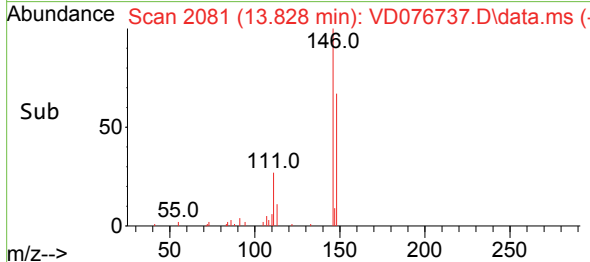
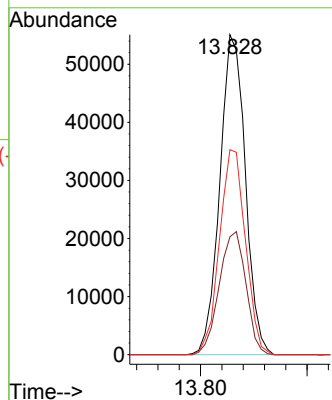
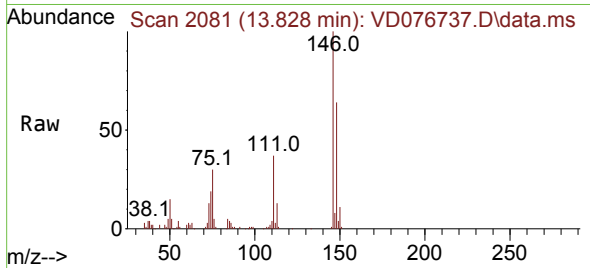




#91
1,2-Dichlorobenzene
Concen: 20.618 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

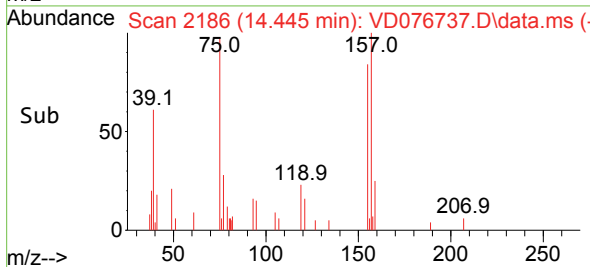
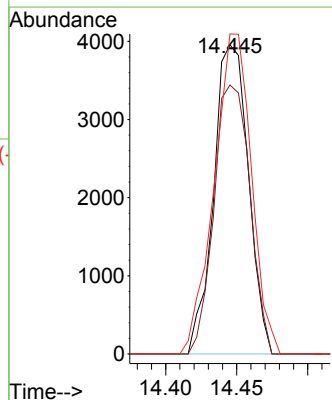
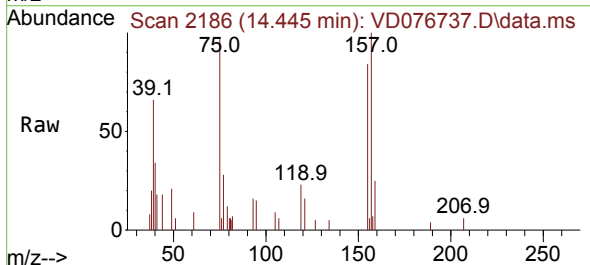
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

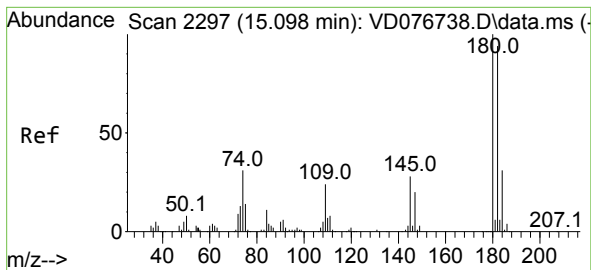
Tgt Ion:146 Resp: 91573
Ion Ratio Lower Upper
146 100
111 40.2 18.3 54.8
148 65.1 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.478 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 75 Resp: 6728
Ion Ratio Lower Upper
75 100
155 90.4 47.9 143.8
157 111.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.228 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

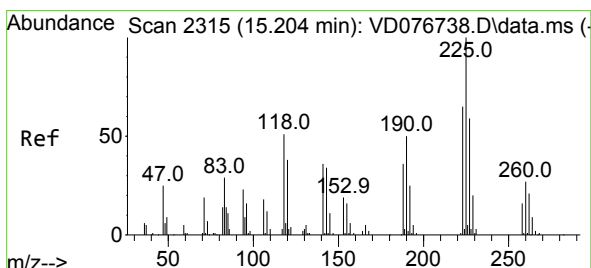
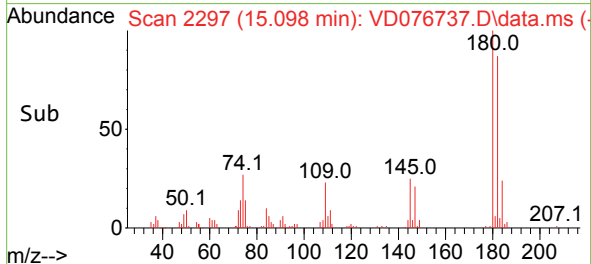
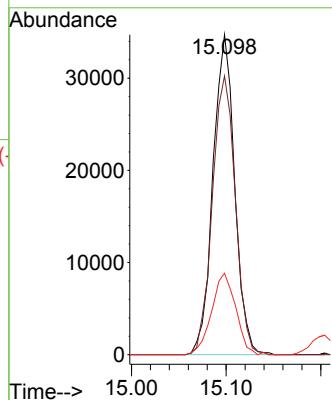
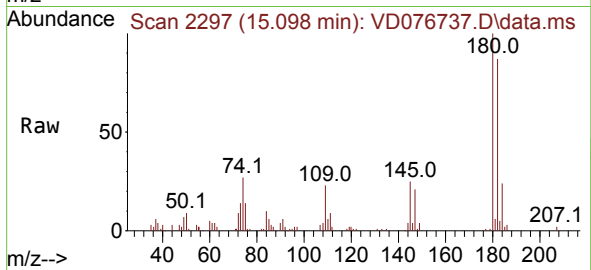
Tgt Ion:180 Resp: 55187

Ion Ratio Lower Upper

180 100

182 92.2 48.5 145.6

145 28.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.899 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

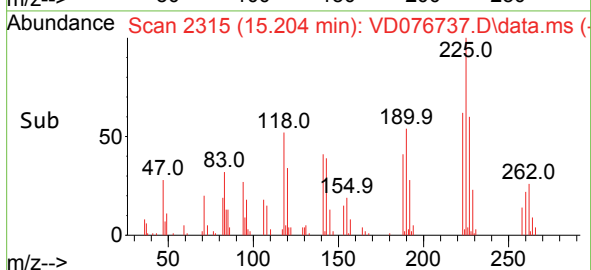
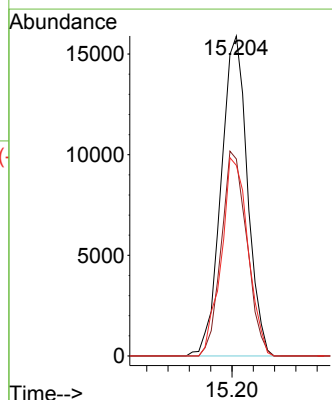
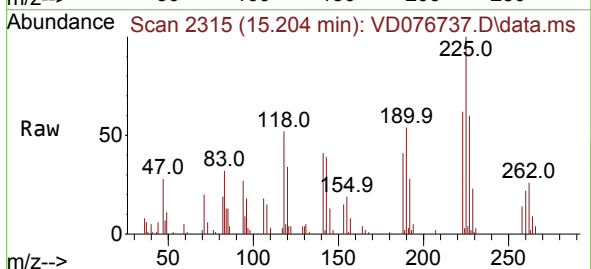
Tgt Ion:225 Resp: 27256

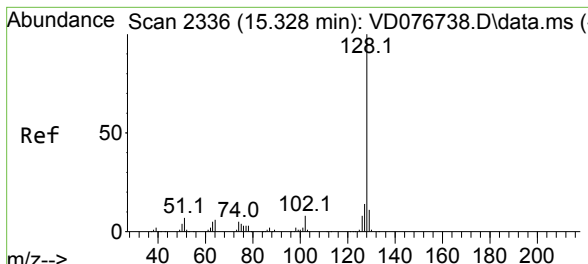
Ion Ratio Lower Upper

225 100

223 62.1 31.6 94.8

227 62.5 31.7 95.1

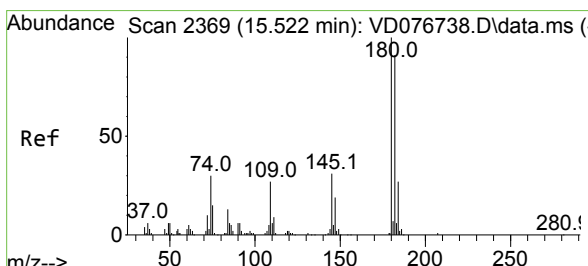
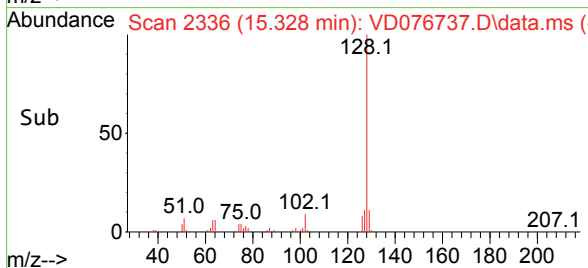
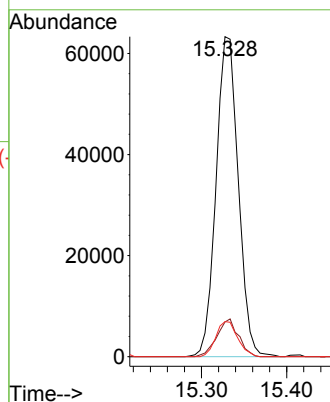
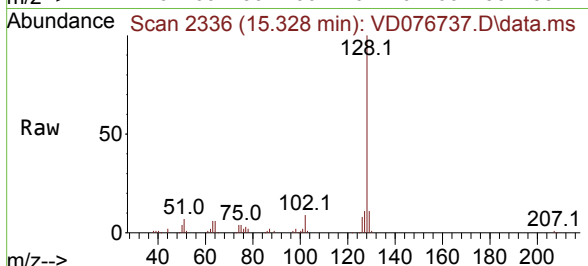




#95
Naphthalene
Concen: 19.894 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:	128	Resp:	114855
Ion Ratio	Lower	Upper	
128	100		
127	10.8	10.5	15.7
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.193 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion:	180	Resp:	48718
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.3	141.9
145	31.4	15.1	45.3

