

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
 Data File : VD076740.D
 Acq On : 14 Jul 2023 14:17
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 17 04:51:15 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	212434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	382966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	354747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	172295	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	286230	130.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 260.780%#	
35) Dibromofluoromethane	7.799	113	327652	132.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 264.860%#	
50) Toluene-d8	10.269	98	1197621	135.969	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 271.940%#	
62) 4-Bromofluorobenzene	12.575	95	397686	141.143	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 282.280%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	244073	144.026	ug/l	97
3) Chloromethane	2.146	50	373869	127.152	ug/l	99
4) Vinyl Chloride	2.276	62	536743	137.517	ug/l	100
5) Bromomethane	2.658	94	451607	143.689	ug/l	99
6) Chloroethane	2.817	64	401075	136.180	ug/l	100
7) Trichlorofluoromethane	3.164	101	505874	145.789	ug/l	97
8) Diethyl Ether	3.587	74	167402	139.538	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.952	101	327545	143.999	ug/l	96
10) Methyl Iodide	4.152	142	389376	154.401	ug/l	93
11) Tert butyl alcohol	5.058	59	112118	676.020	ug/l	99
12) 1,1-Dichloroethene	3.928	96	305000	142.800	ug/l	87
13) Acrolein	3.793	56	69876	742.447	ug/l	98
14) Allyl chloride	4.552	41	387147	139.969	ug/l	93
15) Acrylonitrile	5.252	53	400388	686.396	ug/l	99
16) Acetone	4.017	43	331237	638.863	ug/l	89
17) Carbon Disulfide	4.258	76	709519	144.269	ug/l	99
18) Methyl Acetate	4.558	43	265535	137.117	ug/l	94
19) Methyl tert-butyl Ether	5.317	73	818466	144.182	ug/l	97
20) Methylene Chloride	4.793	84	382164	146.651	ug/l #	88
21) trans-1,2-Dichloroethene	5.305	96	350481	142.809	ug/l	95
22) Diisopropyl ether	6.211	45	915890	139.281	ug/l	96
23) Vinyl Acetate	6.152	43	2308014	710.811	ug/l	96
24) 1,1-Dichloroethane	6.111	63	616972	137.688	ug/l	98
25) 2-Butanone	7.075	43	468314	675.786	ug/l	92
26) 2,2-Dichloropropane	7.069	77	553371	142.554	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	430034	141.529	ug/l	97
28) Bromochloromethane	7.422	49	137684	145.828	ug/l	88
29) Tetrahydrofuran	7.446	42	278442	685.894	ug/l	94
30) Chloroform	7.593	83	666236	136.968	ug/l	100
31) Cyclohexane	7.869	56	430475	136.150	ug/l	91
32) 1,1,1-Trichloroethane	7.787	97	571421	144.943	ug/l	98
36) 1,1-Dichloropropene	8.005	75	466585	148.550	ug/l	98
37) Ethyl Acetate	7.169	43	199008	140.171	ug/l	95
38) Carbon Tetrachloride	7.987	117	467522	156.056	ug/l	95
39) Methylcyclohexane	9.269	83	565621	157.127	ug/l	97
40) Benzene	8.246	78	1442939	144.640	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	117365	136.457	ug/l	# 88
42) 1,2-Dichloroethane	8.322	62	368333	141.258	ug/l	98
43) Isopropyl Acetate	8.358	43	393401	142.917	ug/l	92
44) Trichloroethene	9.028	130	387654	143.346	ug/l	93
45) 1,2-Dichloropropane	9.305	63	361570	140.872	ug/l	97
46) Dibromomethane	9.393	93	215225	141.473	ug/l	92
47) Bromodichloromethane	9.581	83	531607	140.999	ug/l	98
48) Methyl methacrylate	9.381	41	173247	137.391	ug/l	88
49) 1,4-Dioxane	9.381	88	54978	2929.499	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	1041204	707.907	ug/l	95
52) Toluene	10.334	92	966521	148.391	ug/l	95
53) t-1,3-Dichloropropene	10.552	75	520329	149.441	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	604647	146.113	ug/l	# 92
55) 1,1,2-Trichloroethane	10.734	97	309832	140.119	ug/l	95
56) Ethyl methacrylate	10.599	69	375269	148.953	ug/l	93
57) 1,3-Dichloropropane	10.881	76	507703	141.795	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	699479	708.180	ug/l	99
59) 2-Hexanone	10.922	43	737658	700.770	ug/l	94
60) Dibromochloromethane	11.075	129	373437	146.336	ug/l	97
61) 1,2-Dibromoethane	11.181	107	287127	139.644	ug/l	100
64) Tetrachloroethene	10.810	164	301744	150.452	ug/l	92
65) Chlorobenzene	11.604	112	1055085	147.157	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	399085	149.037	ug/l	97
67) Ethyl Benzene	11.681	91	1935733	155.252	ug/l	96
68) m/p-Xylenes	11.793	106	1501344	313.238	ug/l	93
69) o-Xylene	12.122	106	721049	157.582	ug/l	91
70) Styrene	12.134	104	1266751	158.648	ug/l	98
71) Bromoform	12.299	173	218230	150.423	ug/l	# 100
73) Isopropylbenzene	12.422	105	1890490	153.515	ug/l	96
74) N-amyl acetate	12.234	43	373508	142.977	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	367123	137.125	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	441020	287.586	ug/l	# 100
77) Bromobenzene	12.698	156	417793	145.278	ug/l	88
78) n-propylbenzene	12.763	91	2286180	152.542	ug/l	96
79) 2-Chlorotoluene	12.851	91	1222268	147.270	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	1549307	154.240	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	111242	145.895	ug/l	99
82) 4-Chlorotoluene	12.946	91	1289917	148.137	ug/l	95
83) tert-Butylbenzene	13.163	119	1385565	156.643	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	1579912	154.568	ug/l	96
85) sec-Butylbenzene	13.345	105	2096414	154.570	ug/l	96
86) p-Isopropyltoluene	13.457	119	1783540	160.154	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	894449	150.105	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	851544	144.351	ug/l	98
89) n-Butylbenzene	13.787	91	1681774	154.813	ug/l	99
90) Hexachloroethane	14.051	117	320425	153.506	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	766488	146.136	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	49457	127.468	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	468870	145.525	ug/l	98
94) Hexachlorobutadiene	15.204	225	226689	147.189	ug/l	100
95) Naphthalene	15.328	128	1039946	152.533	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	417343	146.480	ug/l	99

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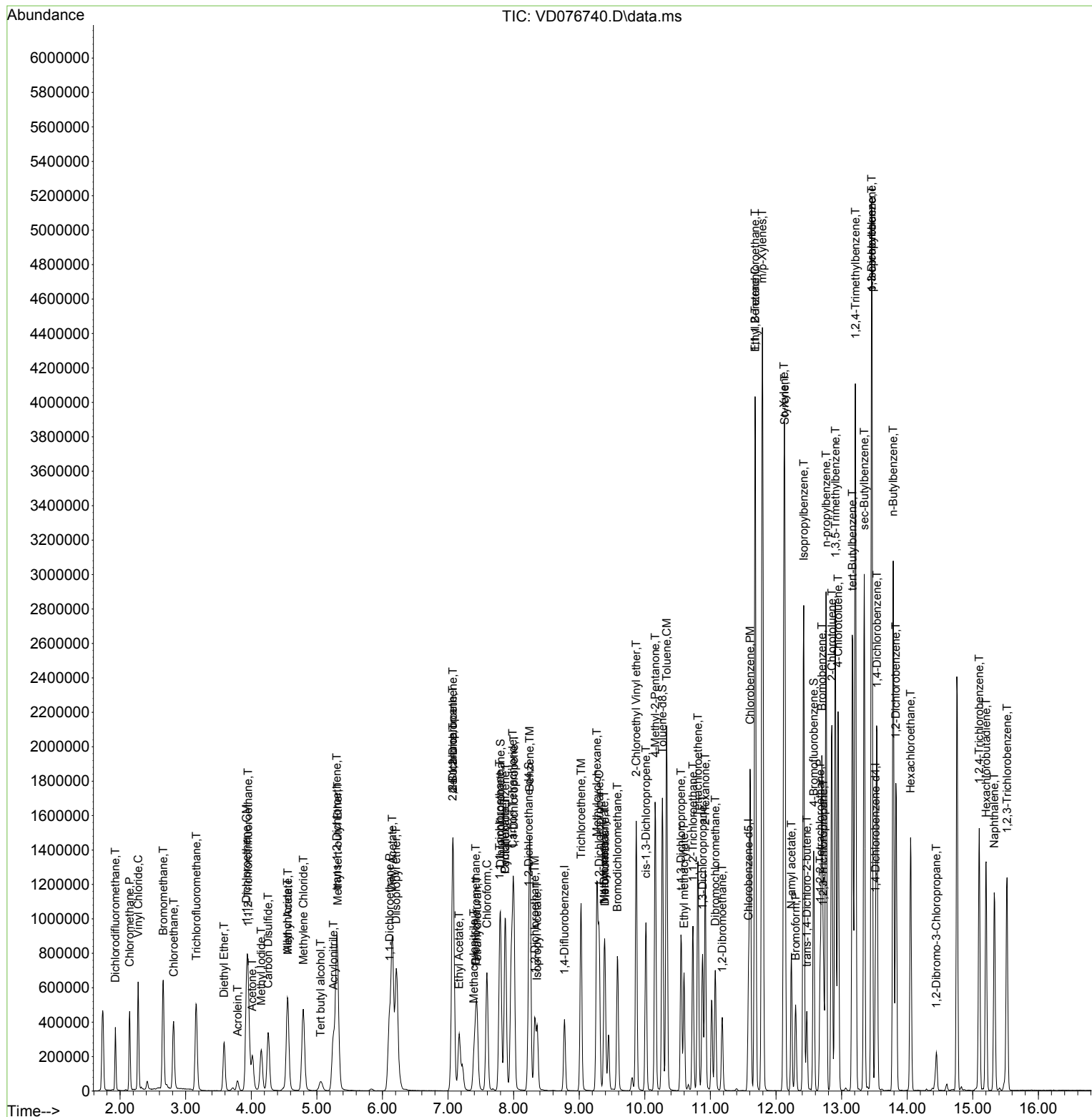
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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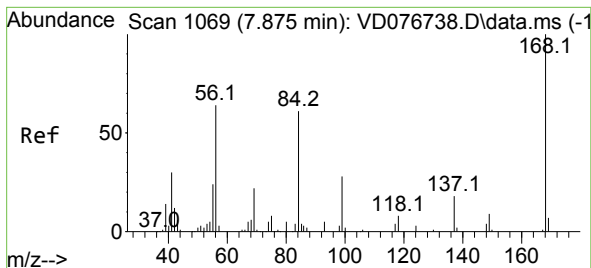
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

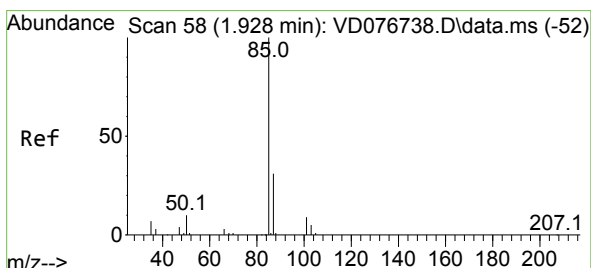
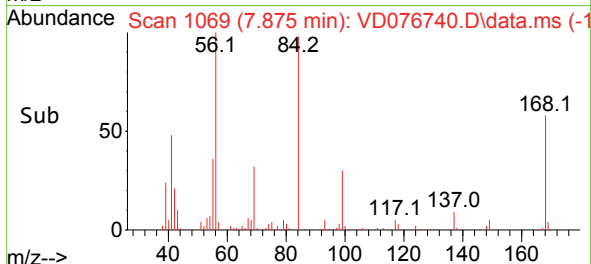
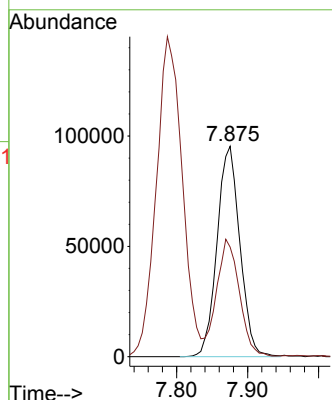
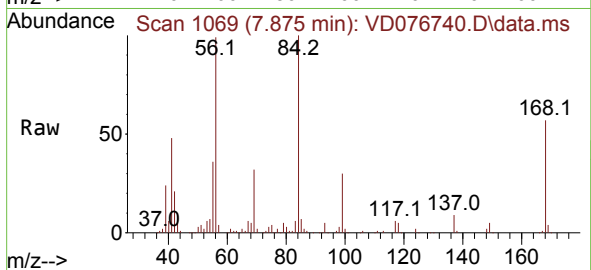
VSTDIC150

Tgt Ion:168 Resp: 212434

Ion Ratio Lower Upper

168 100

99 51.7 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 144.026 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076740.D

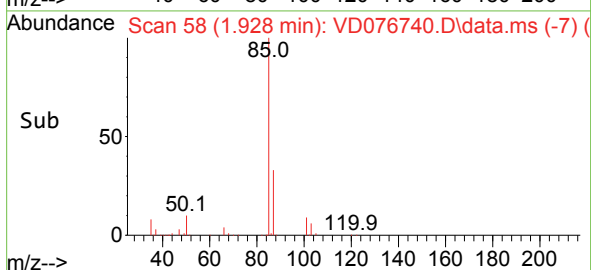
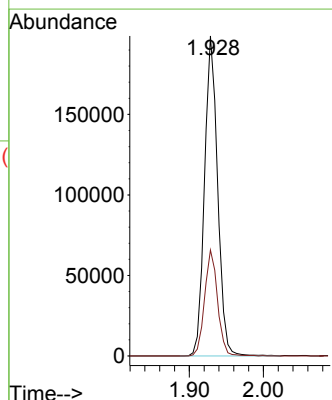
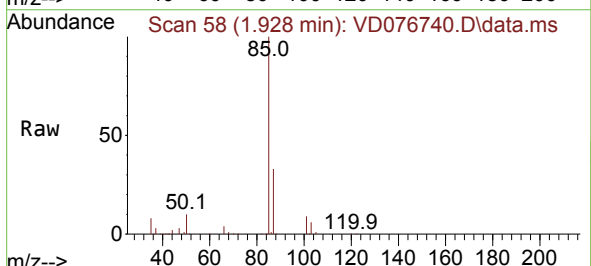
Acq: 14 Jul 2023 14:17

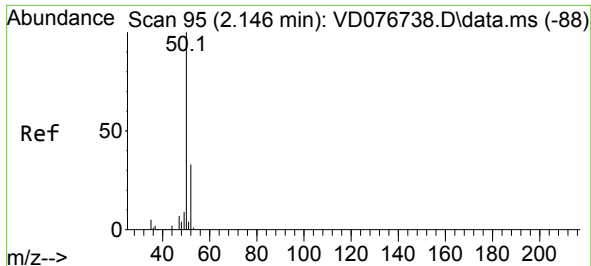
Tgt Ion: 85 Resp: 244073

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.0

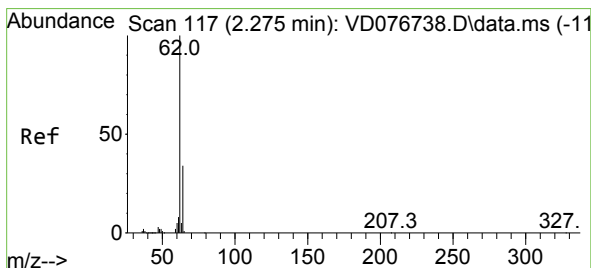
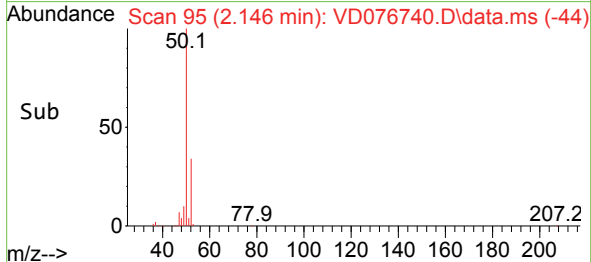
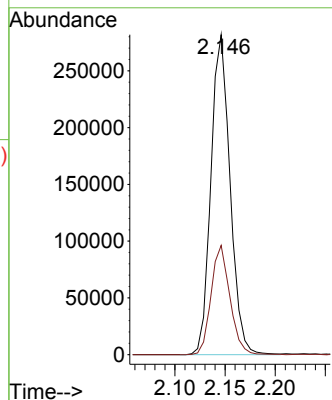
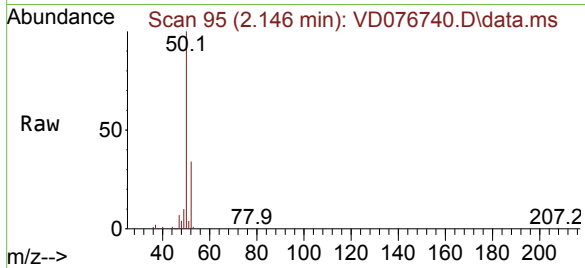




#3
Chloromethane
Concen: 127.152 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

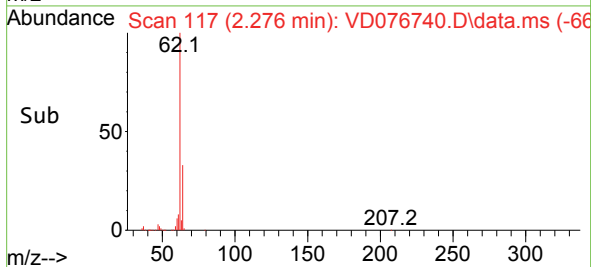
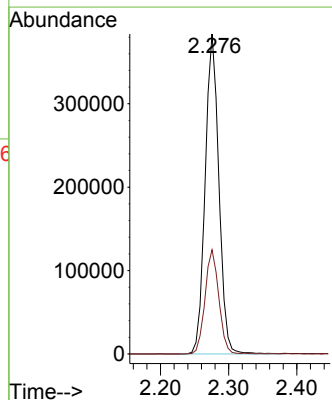
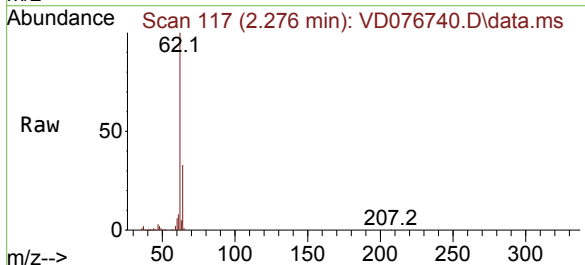
Instrument :
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ClientSampleId :
VSTDIC150

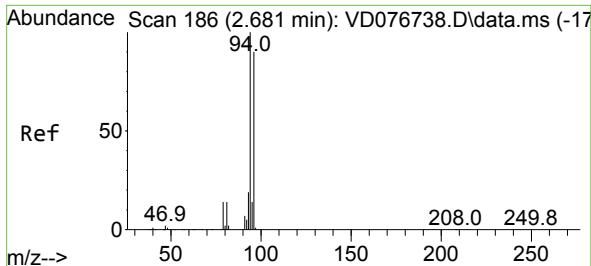
Tgt Ion: 50 Resp: 373869
Ion Ratio Lower Upper
50 100
52 34.1 26.6 40.0



#4
Vinyl Chloride
Concen: 137.517 ug/l
RT: 2.276 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 62 Resp: 536743
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0

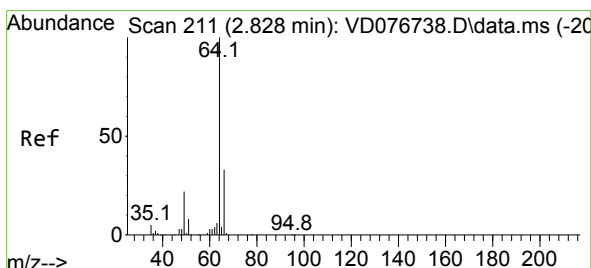
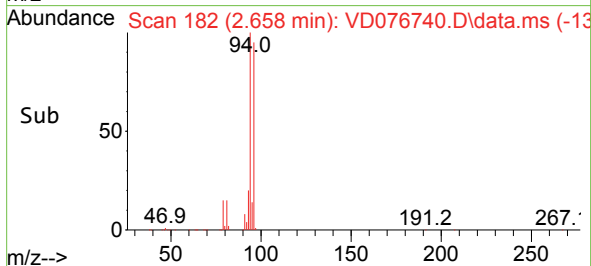
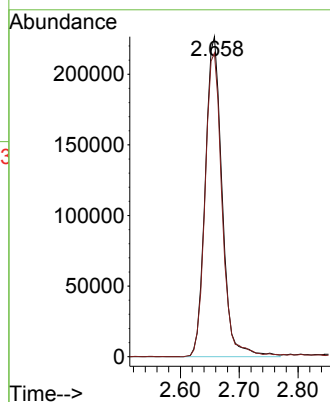
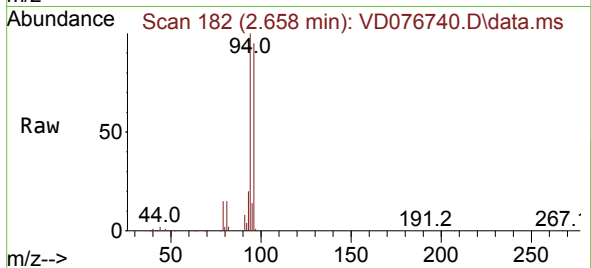




#5
Bromomethane
Concen: 143.689 ug/l
RT: 2.658 min Scan# 11
Delta R.T. -0.023 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

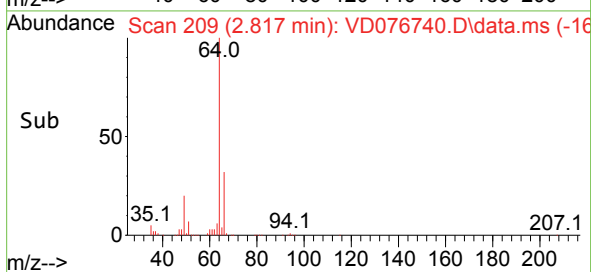
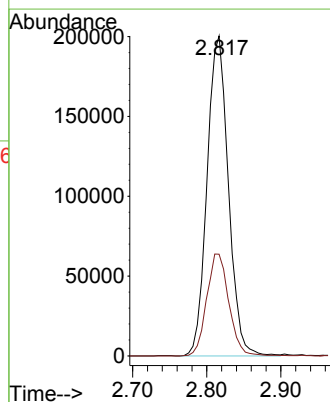
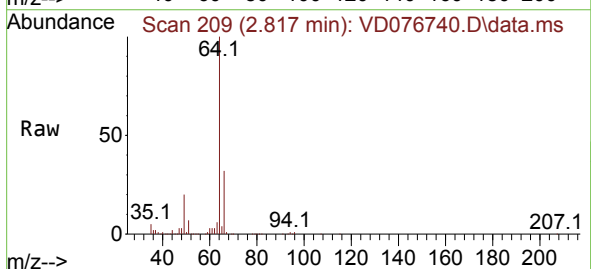
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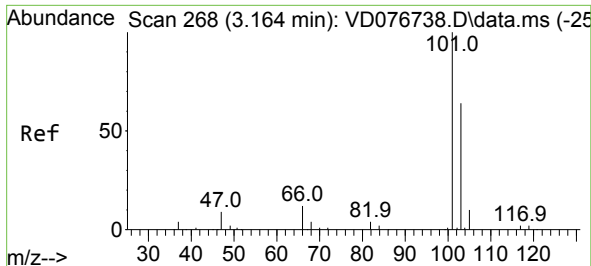
Tgt Ion: 94 Resp: 451607
Ion Ratio Lower Upper
94 100
96 95.9 75.8 113.8



#6
Chloroethane
Concen: 136.180 ug/l
RT: 2.817 min Scan# 209
Delta R.T. -0.012 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 64 Resp: 401075
Ion Ratio Lower Upper
64 100
66 31.8 25.5 38.3

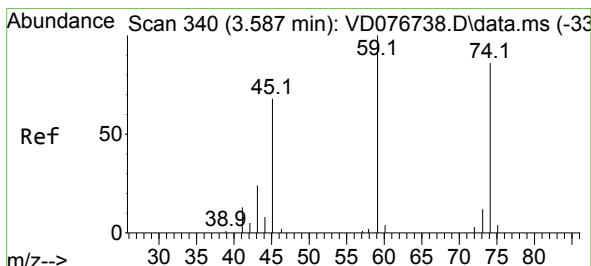
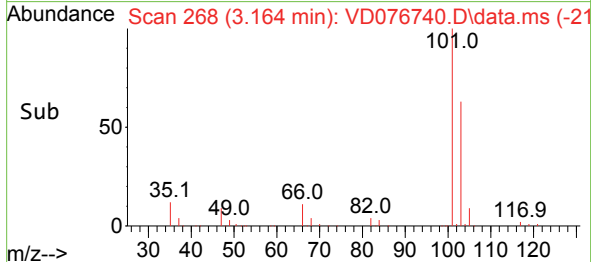
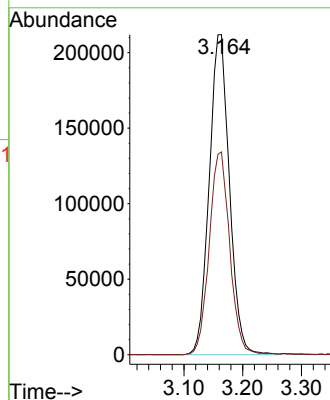
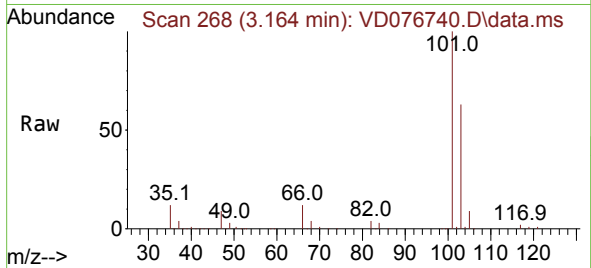




#7
 Trichlorofluoromethane
 Concen: 145.789 ug/l
 RT: 3.164 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076740.D
 Acq: 14 Jul 2023 14:17

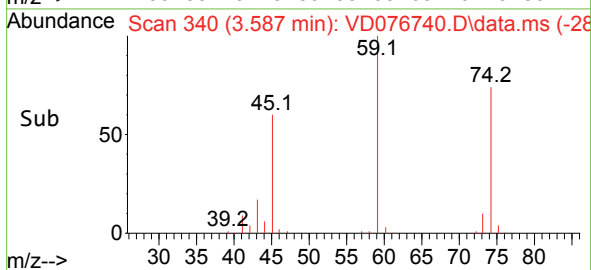
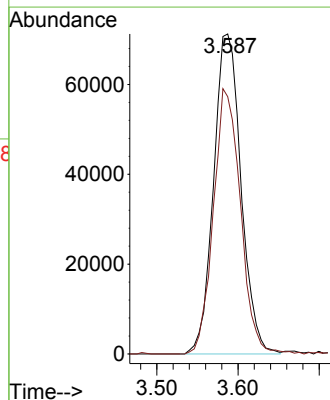
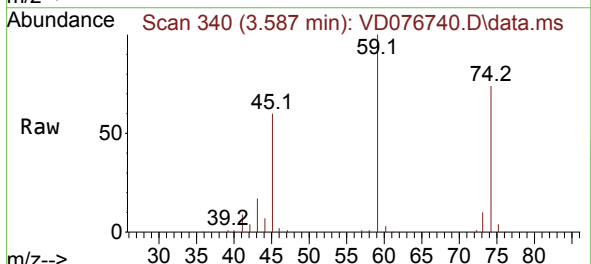
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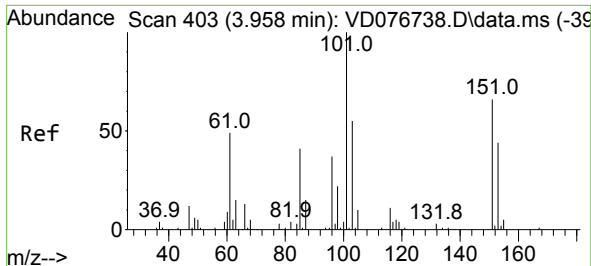
Tgt Ion:101 Resp: 505874
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.3 78.5



#8
 Diethyl Ether
 Concen: 139.538 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076740.D
 Acq: 14 Jul 2023 14:17

Tgt Ion: 74 Resp: 167402
 Ion Ratio Lower Upper
 74 100
 45 81.8 37.5 112.7

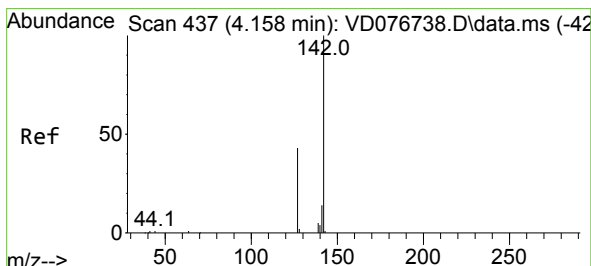
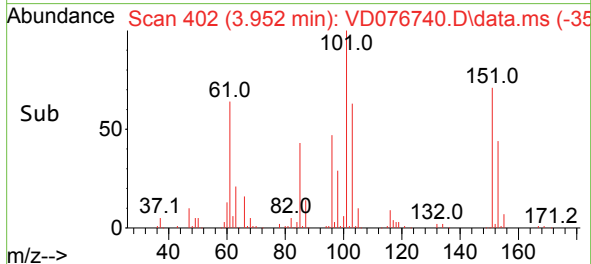
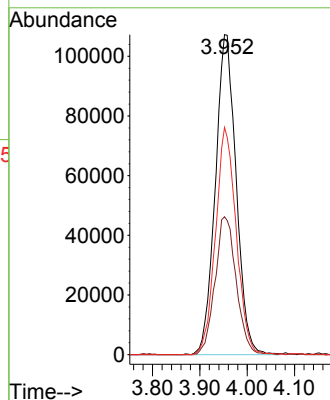
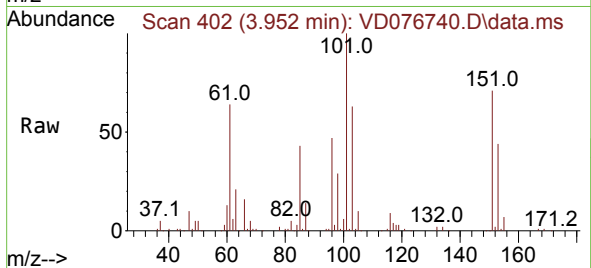




#9
1,1,2-Trichlorotrifluoroethane
Concen: 143.999 ug/l
RT: 3.952 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

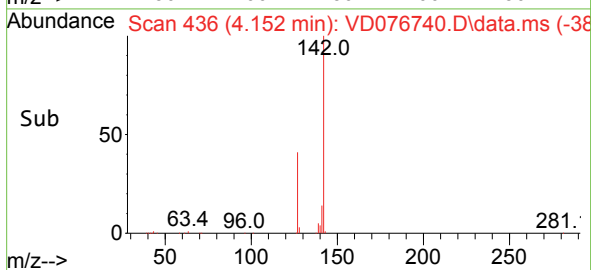
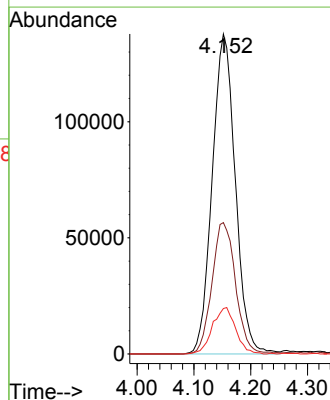
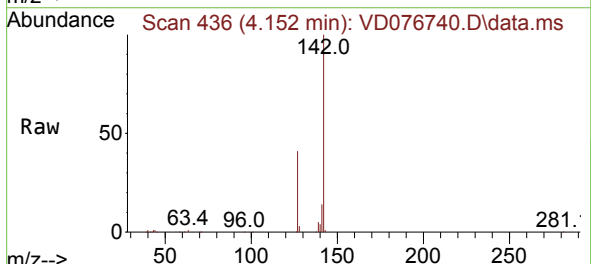
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

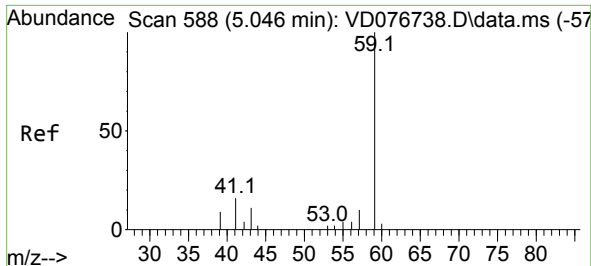
Tgt Ion:101 Resp: 327545
Ion Ratio Lower Upper
101 100
85 44.0 33.8 50.6
151 70.6 59.8 89.6



#10
Methyl Iodide
Concen: 154.401 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion:142 Resp: 389376
Ion Ratio Lower Upper
142 100
127 42.1 29.4 44.0
141 14.6 11.1 16.7

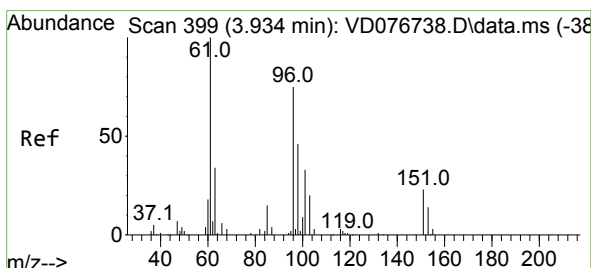
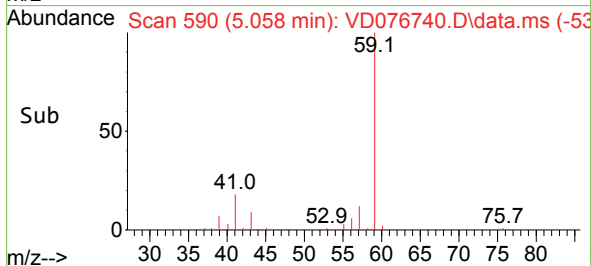
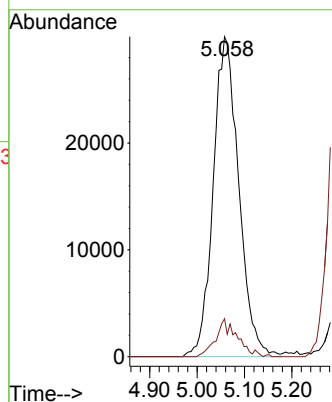
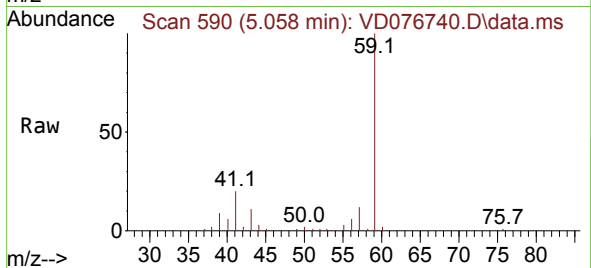




#11
Tert butyl alcohol
Concen: 676.020 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.012 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

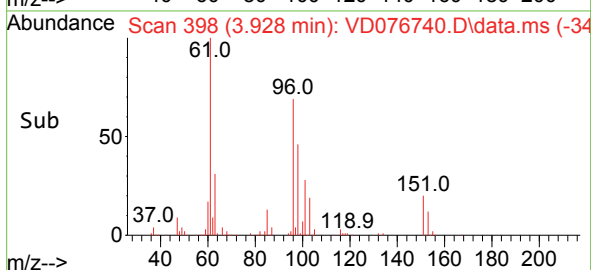
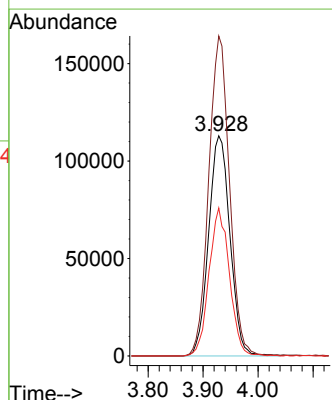
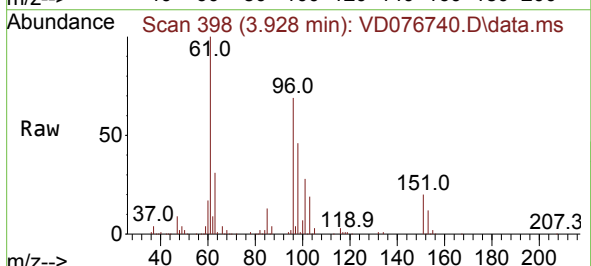
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

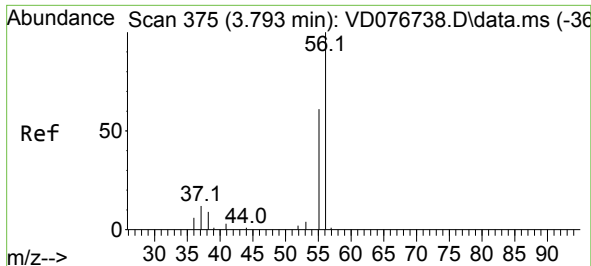
Tgt Ion: 59 Resp: 112118
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 142.800 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 96 Resp: 305000
Ion Ratio Lower Upper
96 100
61 145.3 100.6 150.8
98 67.2 50.2 75.2





#13

Acrolein

Concen: 742.447 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

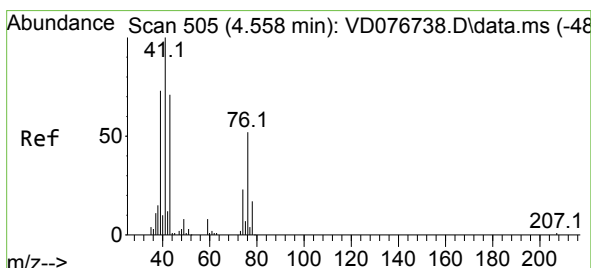
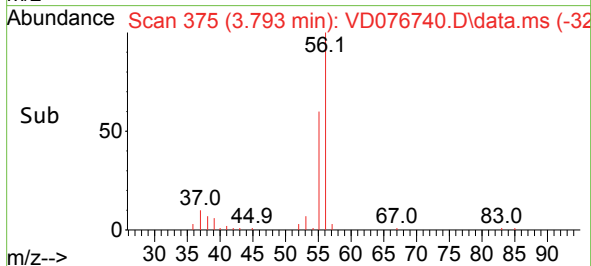
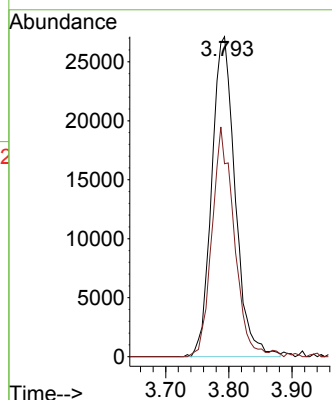
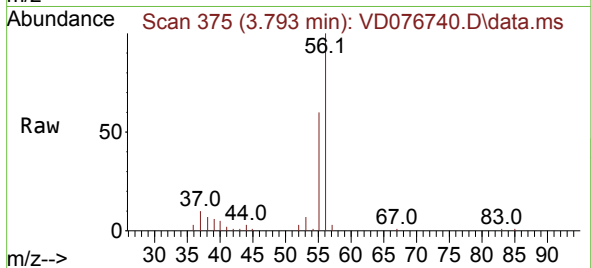
VSTDICC150

Tgt Ion: 56 Resp: 69876

Ion Ratio Lower Upper

56 100

55 67.5 55.1 82.7



#14

Allyl chloride

Concen: 139.969 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.006 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

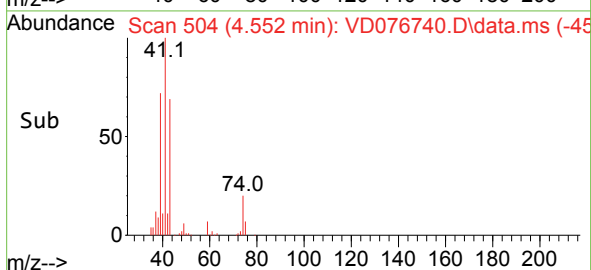
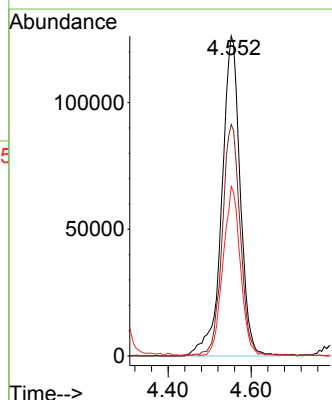
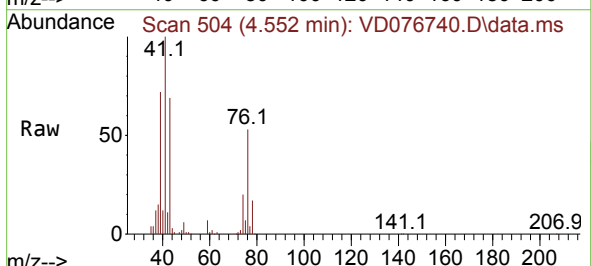
Tgt Ion: 41 Resp: 387147

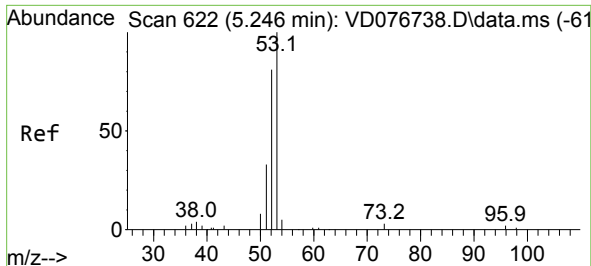
Ion Ratio Lower Upper

41 100

39 71.2 53.8 80.6

76 49.9 45.8 68.8

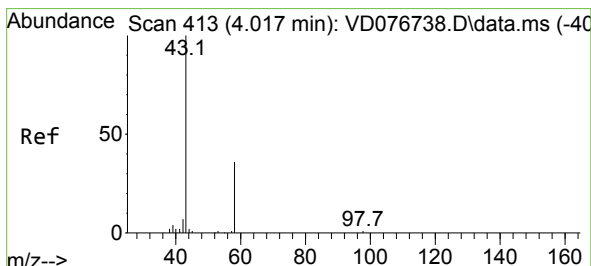
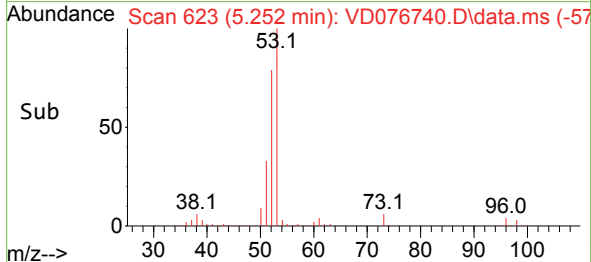
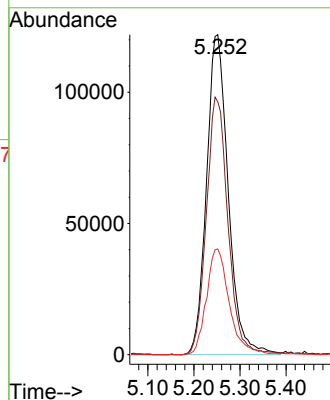
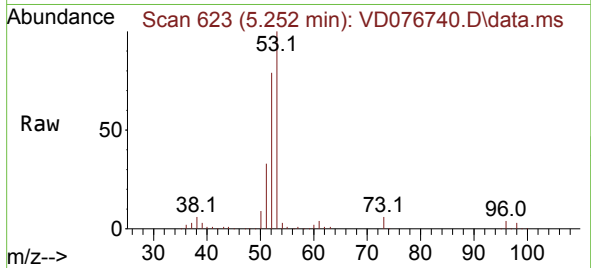




#15
Acrylonitrile
Concen: 686.396 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

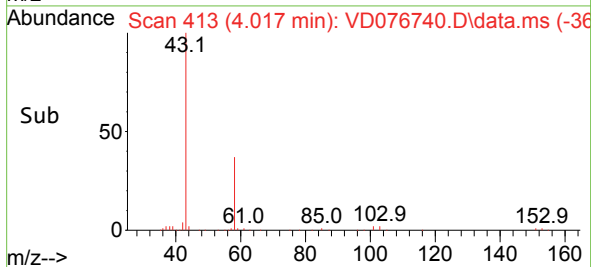
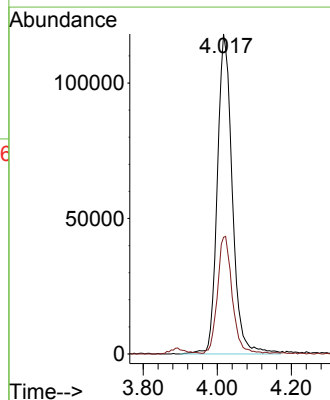
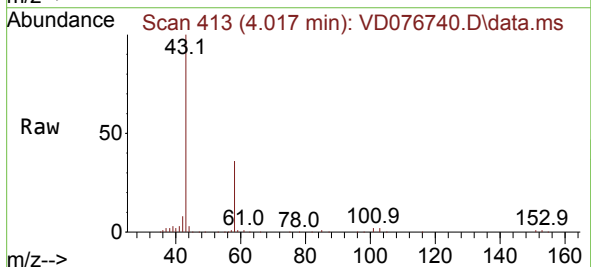
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

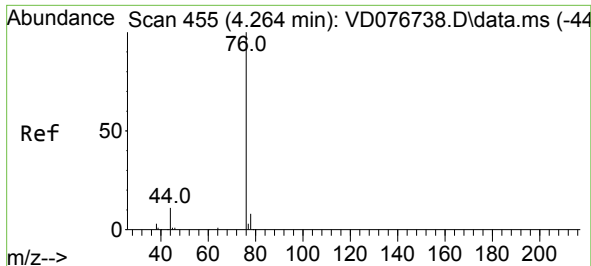
Tgt Ion: 53 Resp: 400388
Ion Ratio Lower Upper
53 100
52 80.1 65.0 97.4
51 34.9 28.3 42.5



#16
Acetone
Concen: 638.863 ug/l
RT: 4.017 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 43 Resp: 331237
Ion Ratio Lower Upper
43 100
58 36.2 34.7 52.1

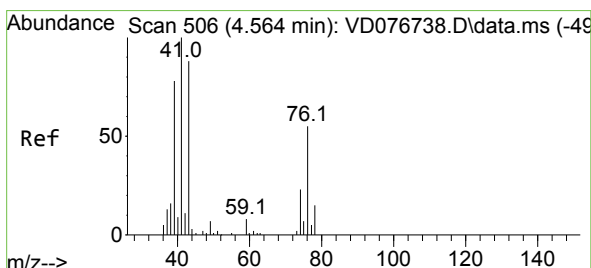
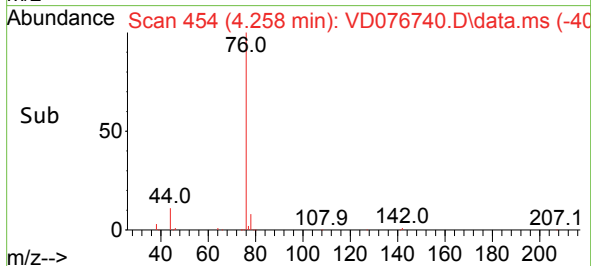
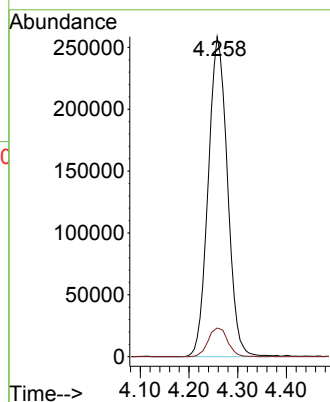
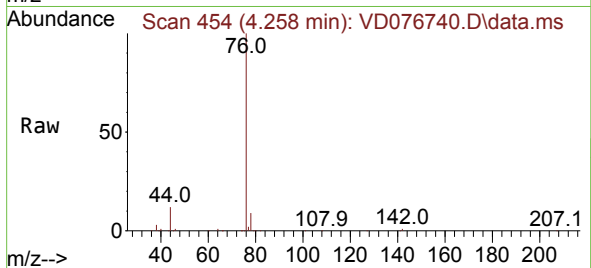




#17
Carbon Disulfide
Concen: 144.269 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

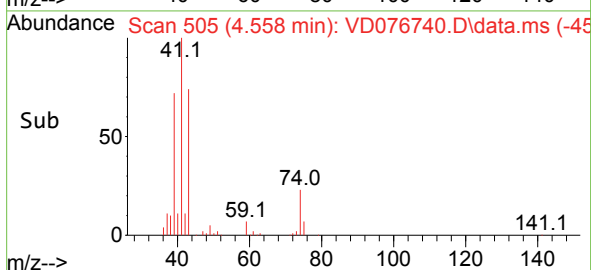
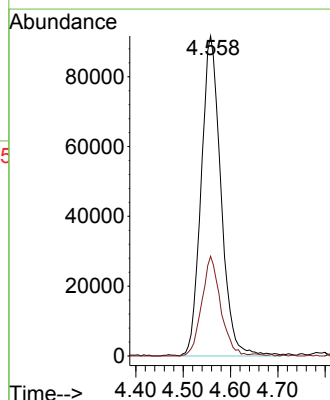
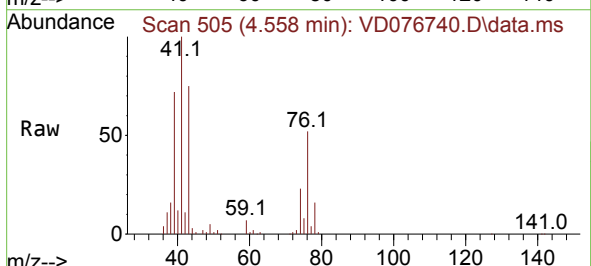
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

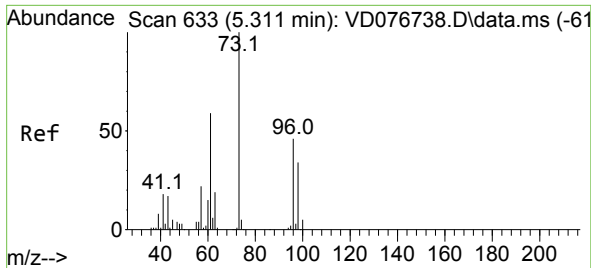
Tgt Ion: 76 Resp: 709519
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 137.117 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 43 Resp: 265535
Ion Ratio Lower Upper
43 100
74 29.8 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 144.182 ug/l

RT: 5.317 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

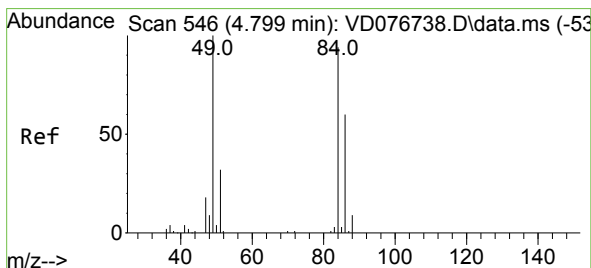
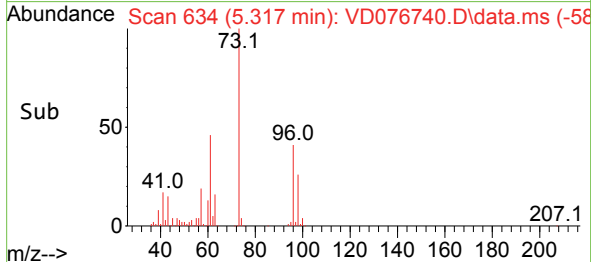
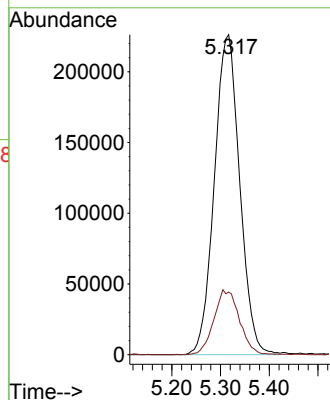
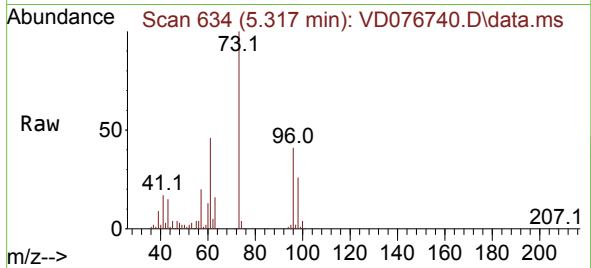
VSTDIC150

Tgt Ion: 73 Resp: 818466

Ion Ratio Lower Upper

73 100

57 19.5 16.6 25.0



#20

Methylene Chloride

Concen: 146.651 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Tgt Ion: 84 Resp: 382164

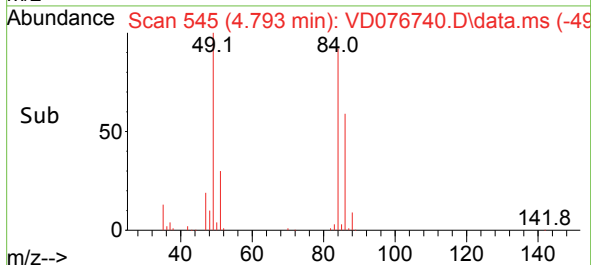
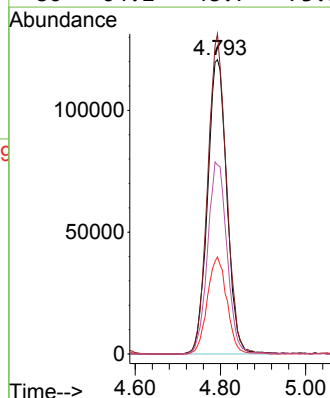
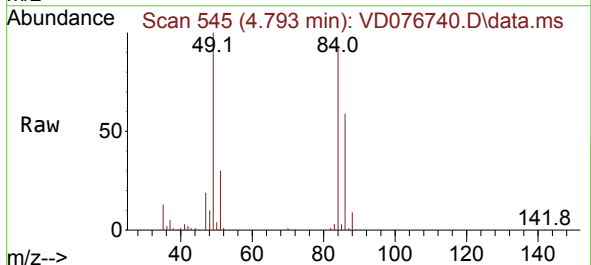
Ion Ratio Lower Upper

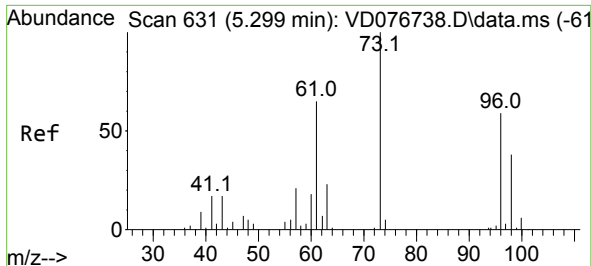
84 100

49 108.7 71.4 107.2#

51 33.0 24.5 36.7

86 64.2 48.7 73.1

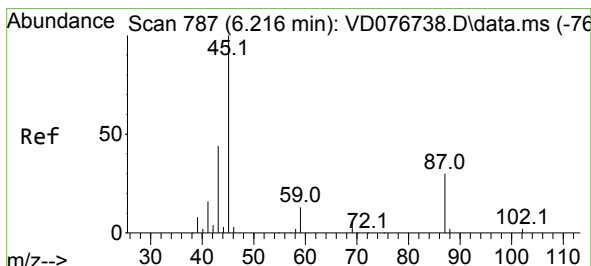
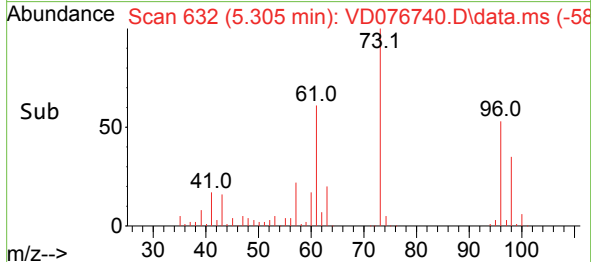
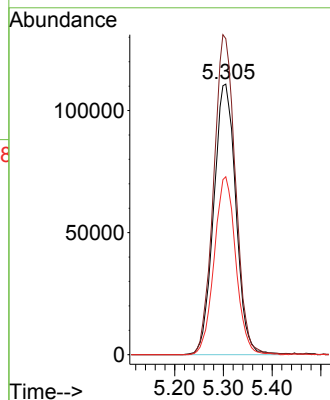
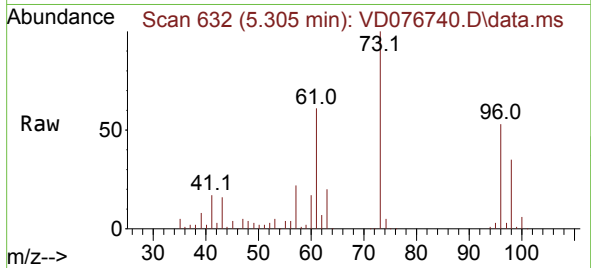




#21
trans-1,2-Dichloroethene
Concen: 142.809 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

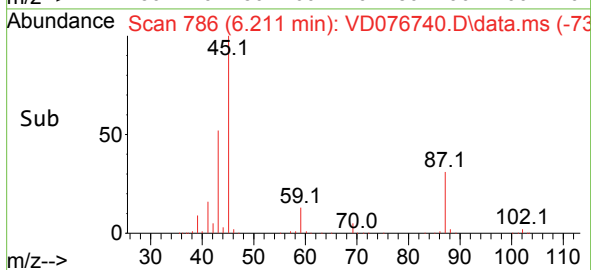
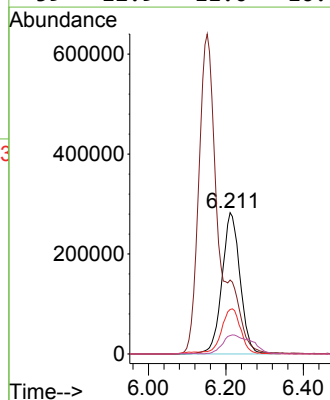
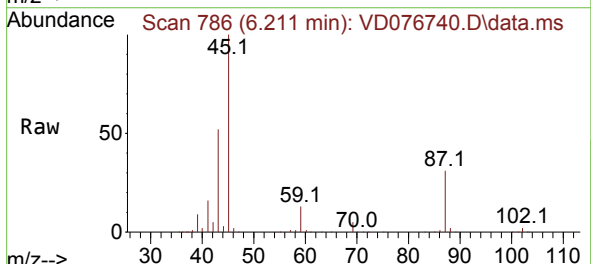
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

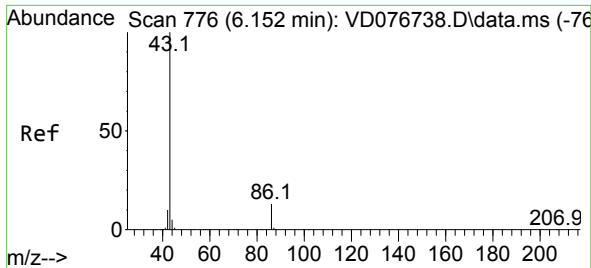
Tgt Ion: 96 Resp: 350481
Ion Ratio Lower Upper
96 100
61 116.7 89.3 133.9
98 65.8 48.6 73.0



#22
Diisopropyl ether
Concen: 139.281 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 45 Resp: 915890
Ion Ratio Lower Upper
45 100
43 52.1 40.0 60.0
87 31.3 28.2 42.4
59 12.9 11.0 16.4

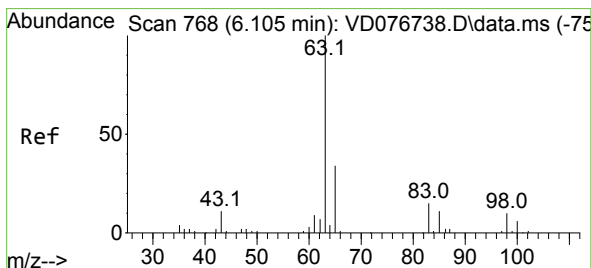
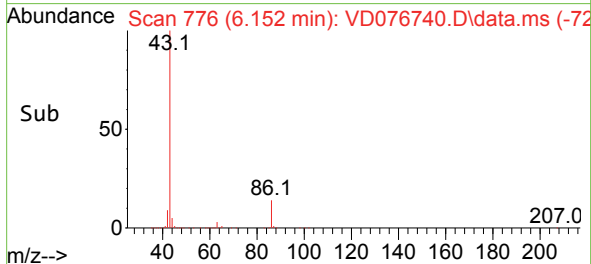
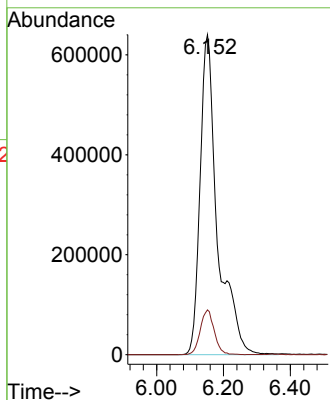
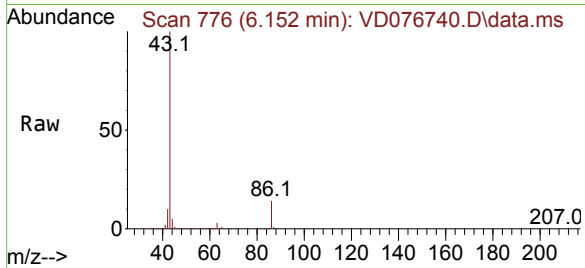




#23
 Vinyl Acetate
 Concen: 710.811 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD076740.D
 Acq: 14 Jul 2023 14:17

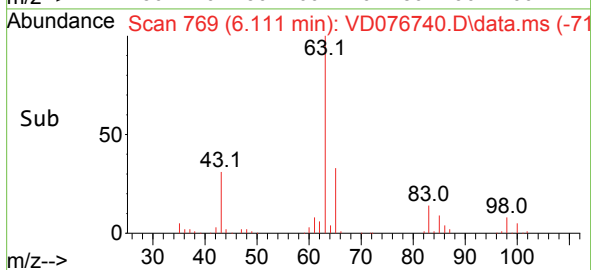
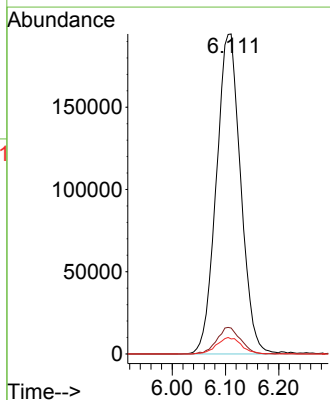
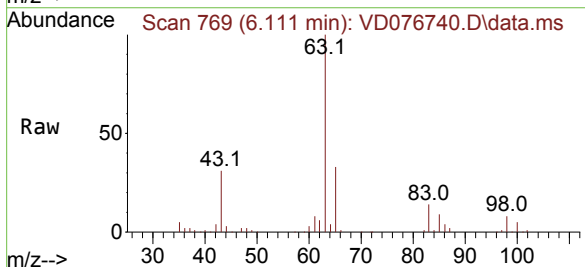
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

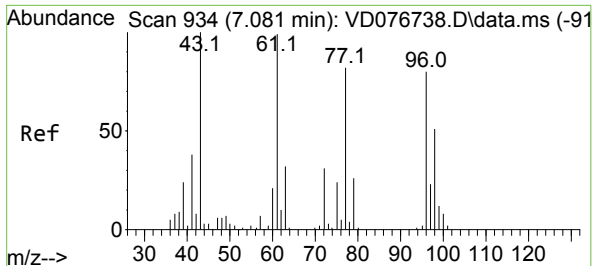
Tgt Ion: 43 Resp: 2308014
 Ion Ratio Lower Upper
 43 100
 86 14.0 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 137.688 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076740.D
 Acq: 14 Jul 2023 14:17

Tgt Ion: 63 Resp: 616972
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.5 13.7
 100 4.7 2.5 7.5





#25

2-Butanone

Concen: 675.786 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

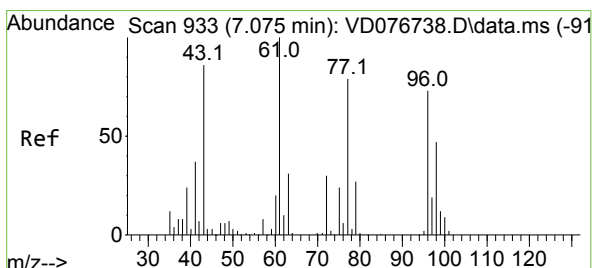
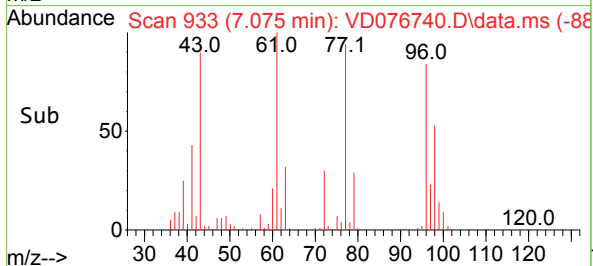
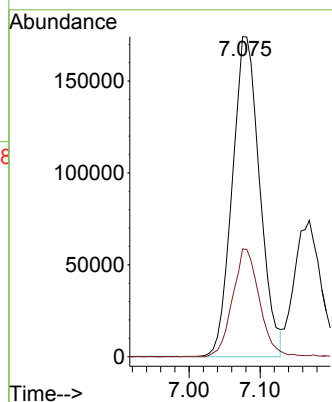
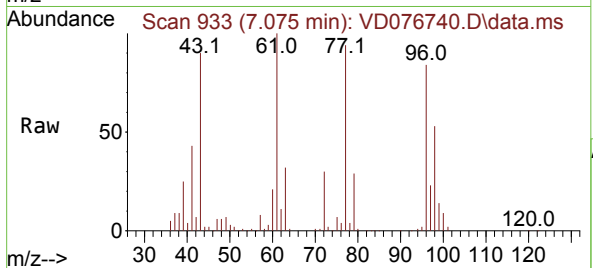
VSTDIC150

Tgt Ion: 43 Resp: 468314

Ion Ratio Lower Upper

43 100

72 33.7 30.7 46.1



#26

2,2-Dichloropropane

Concen: 142.554 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD076740.D

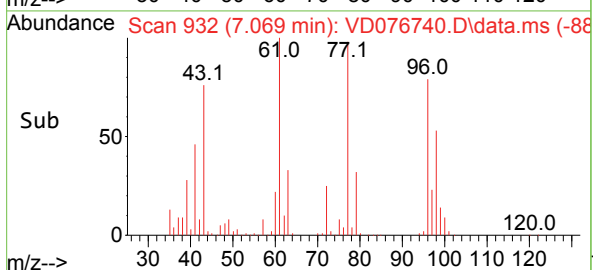
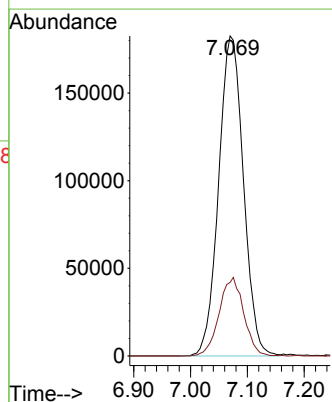
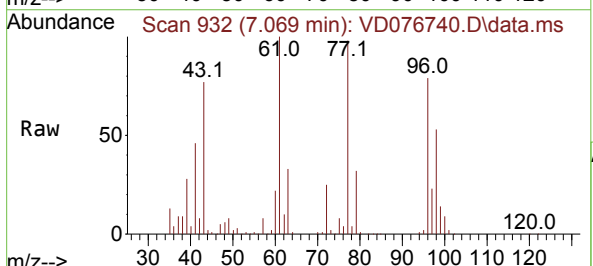
Acq: 14 Jul 2023 14:17

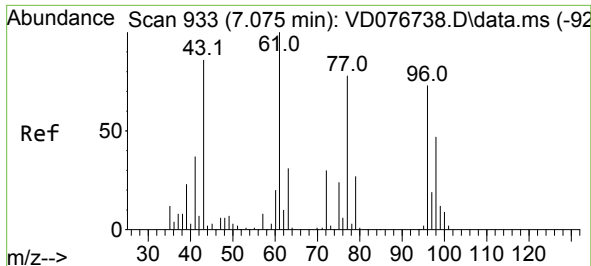
Tgt Ion: 77 Resp: 553371

Ion Ratio Lower Upper

77 100

97 24.3 13.2 39.6



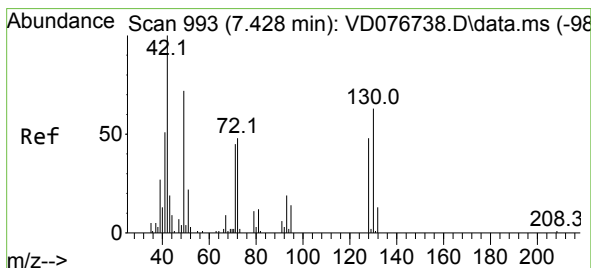
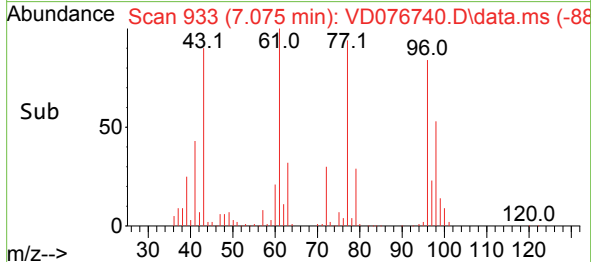
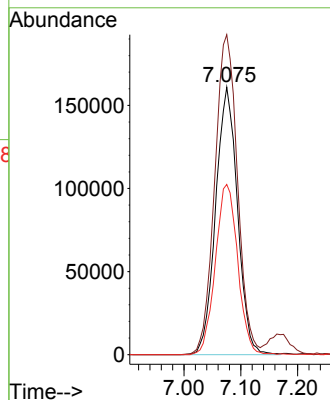
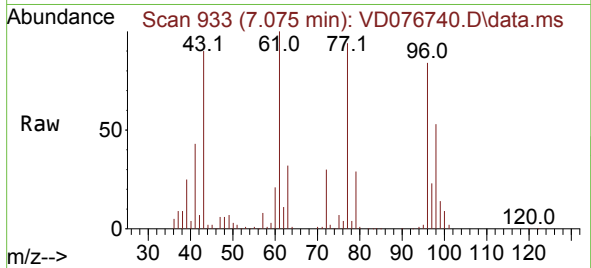


#27
 cis-1,2-Dichloroethene
 Concen: 141.529 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076740.D
 Acq: 14 Jul 2023 14:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 430034

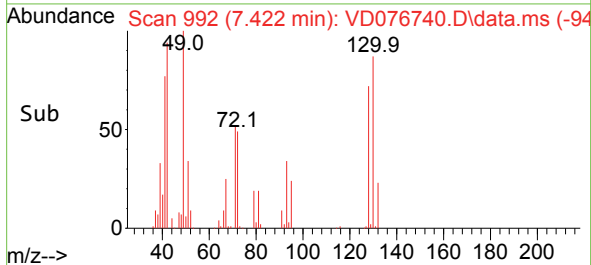
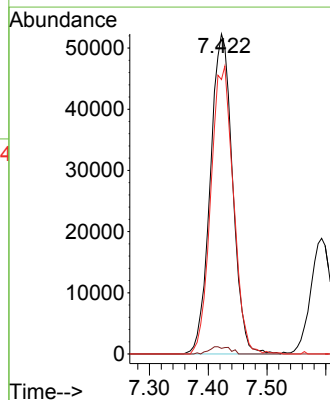
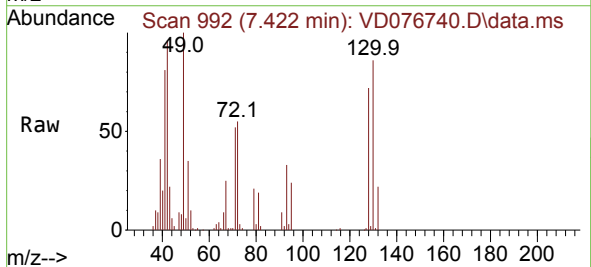
Ion	Ratio	Lower	Upper
96	100		
61	124.5	0.0	239.2
98	65.1	0.0	128.6

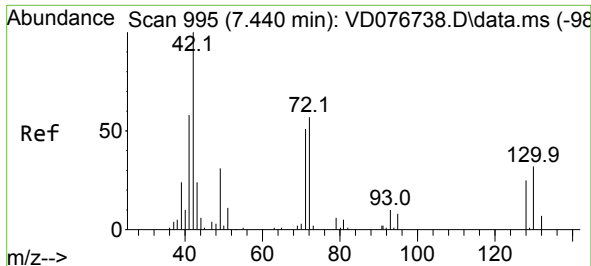


#28
 Bromochloromethane
 Concen: 145.828 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076740.D
 Acq: 14 Jul 2023 14:17

Tgt Ion: 49 Resp: 137684

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	6.0
130	91.2	83.2	124.8

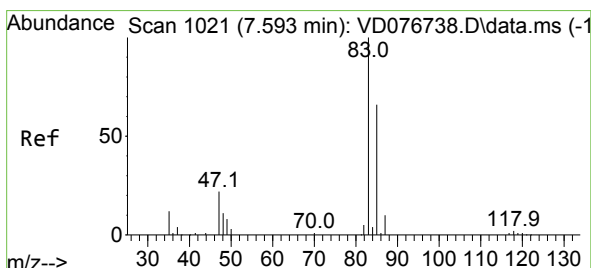
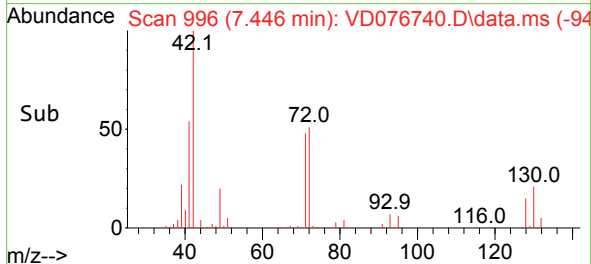
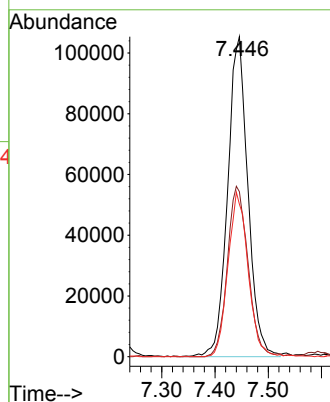
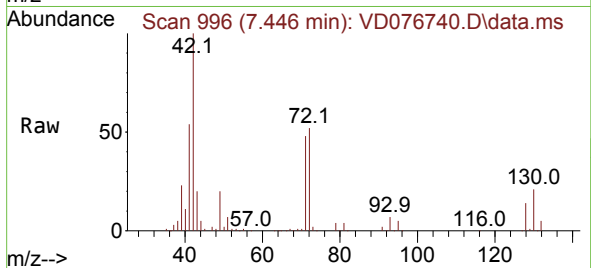




#29
Tetrahydrofuran
Concen: 685.894 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

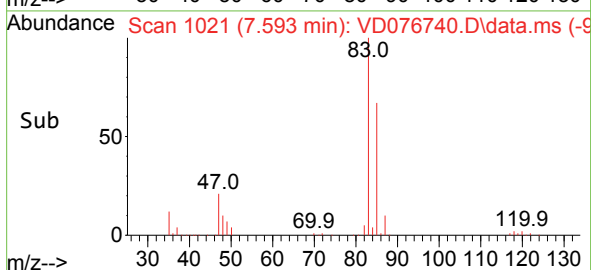
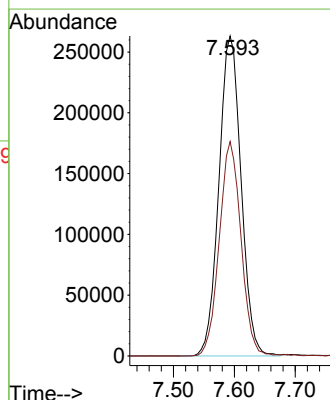
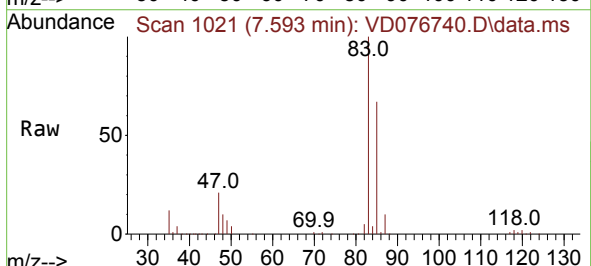
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

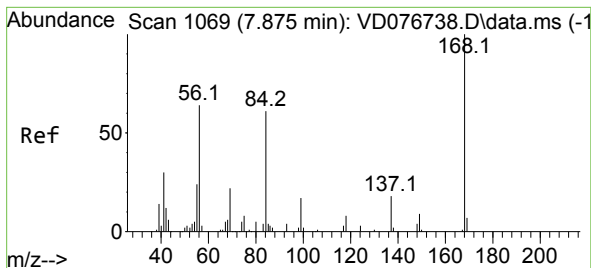
Tgt Ion: 42 Resp: 278442
Ion Ratio Lower Upper
42 100
72 54.5 46.5 69.7
71 50.8 44.5 66.7



#30
Chloroform
Concen: 136.968 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 83 Resp: 666236
Ion Ratio Lower Upper
83 100
85 67.0 53.4 80.2





#31

Cyclohexane

Concen: 136.150 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

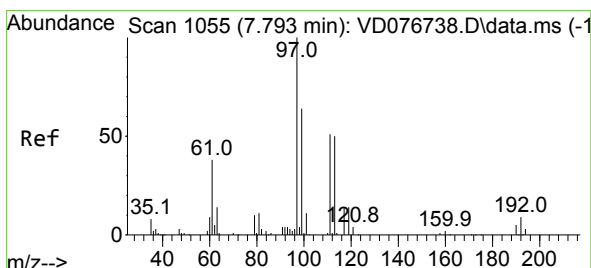
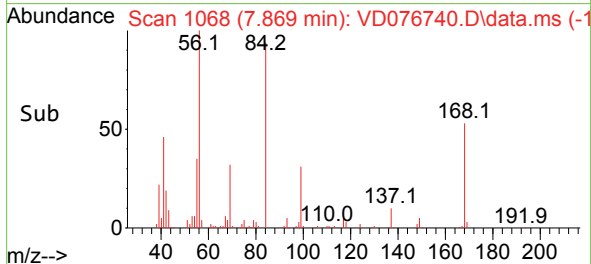
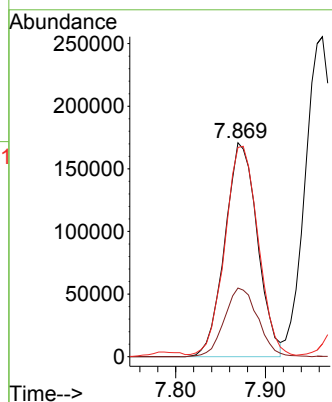
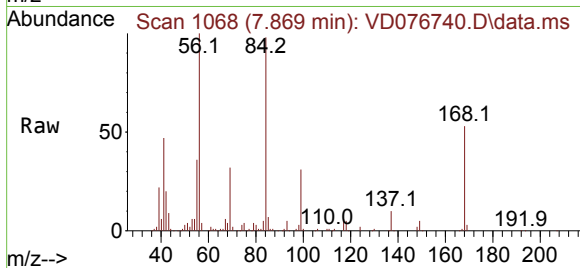
Tgt Ion: 56 Resp: 430475

Ion Ratio Lower Upper

56 100

69 32.1 28.6 43.0

84 96.0 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 144.943 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

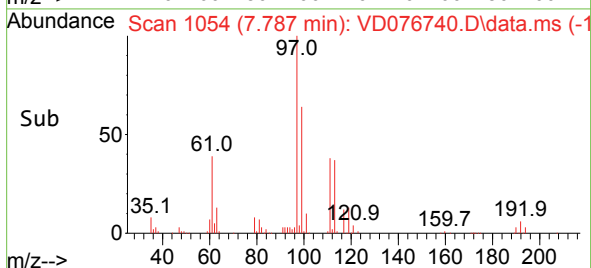
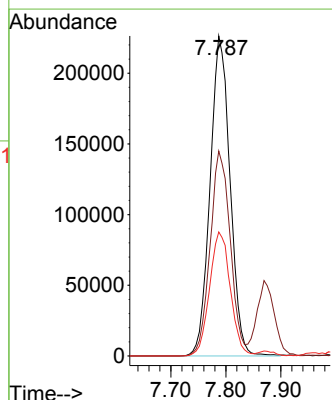
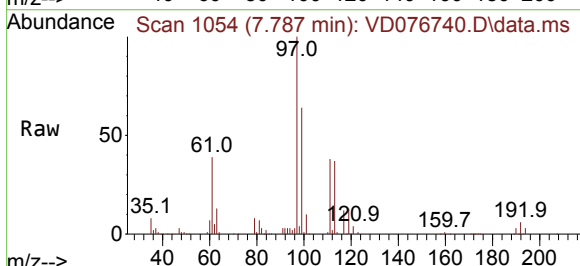
Tgt Ion: 97 Resp: 571421

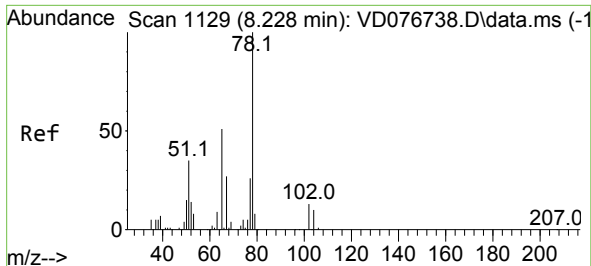
Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

61 40.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 130.387 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

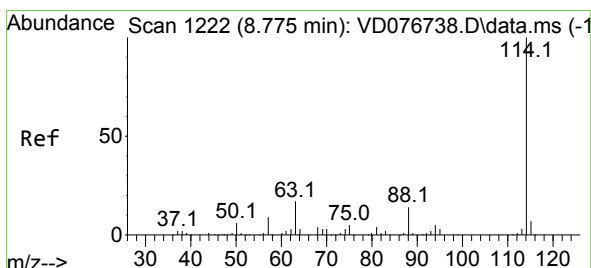
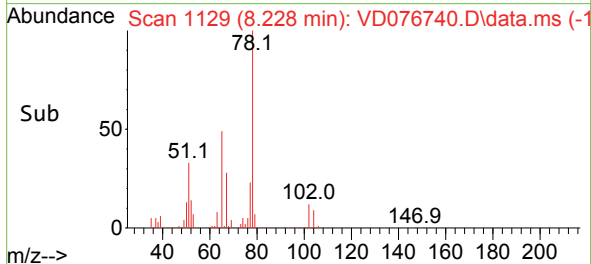
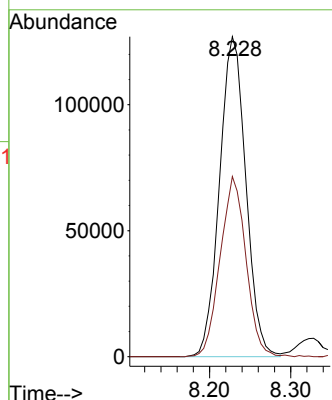
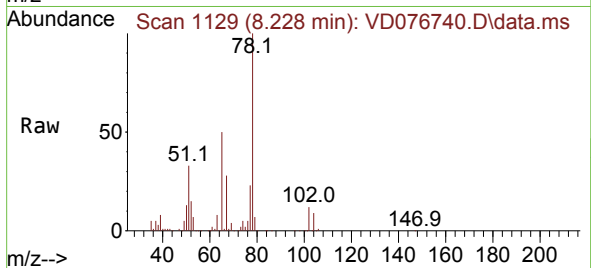
VSTDIC150

Tgt Ion: 65 Resp: 286230

Ion Ratio Lower Upper

65 100

67 55.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

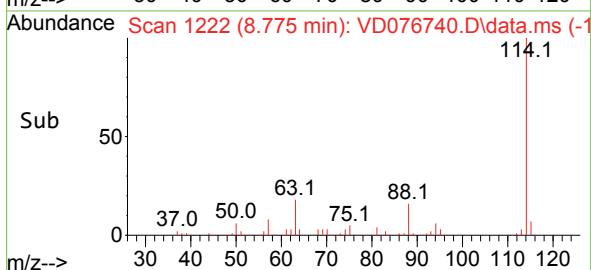
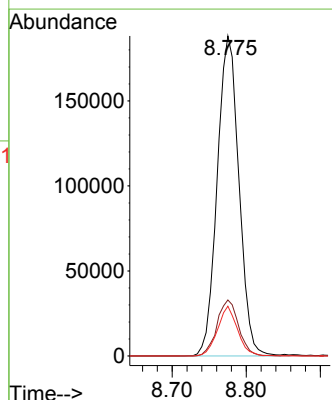
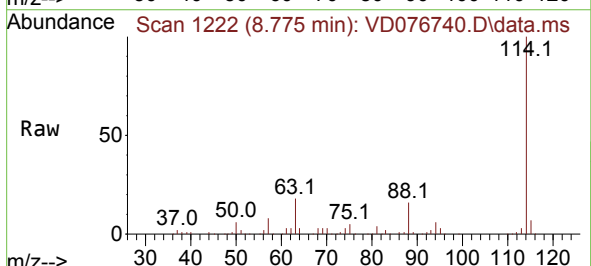
Tgt Ion: 114 Resp: 382966

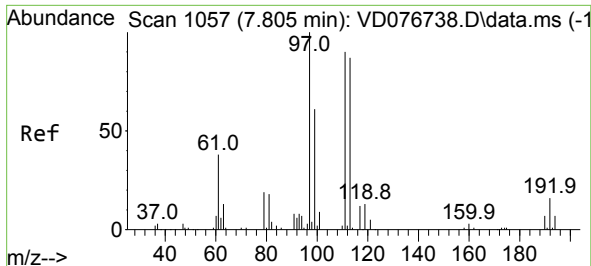
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 15.5 0.0 26.2

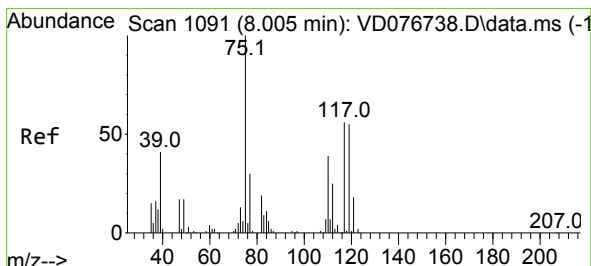
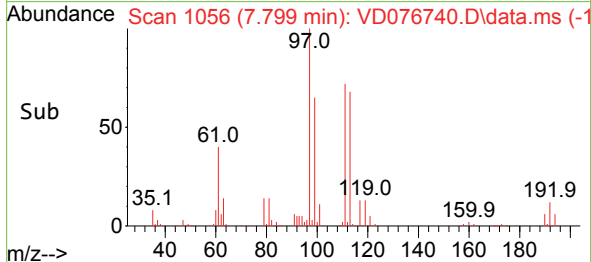
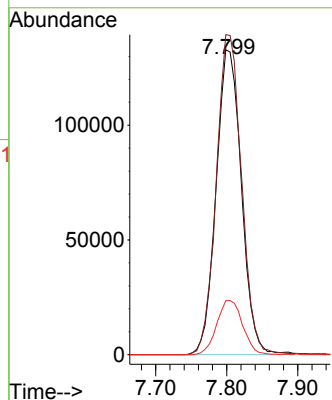
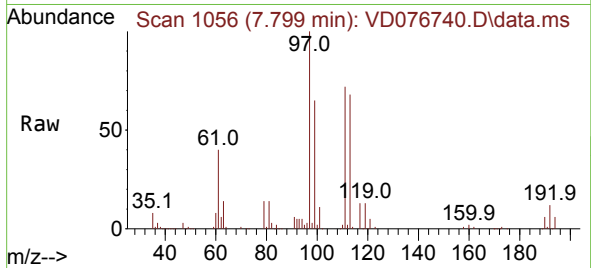




#35
 Dibromofluoromethane
 Concen: 132.432 ug/l
 RT: 7.799 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VD076740.D
 Acq: 14 Jul 2023 14:17

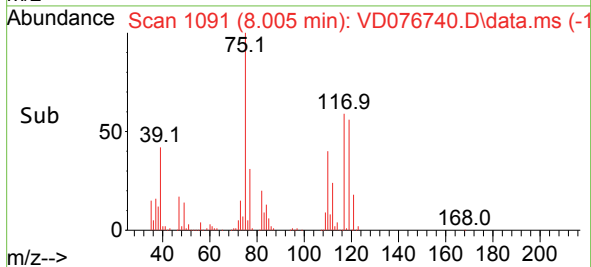
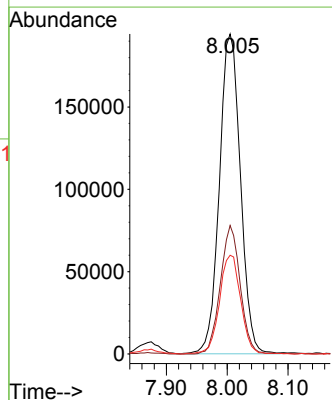
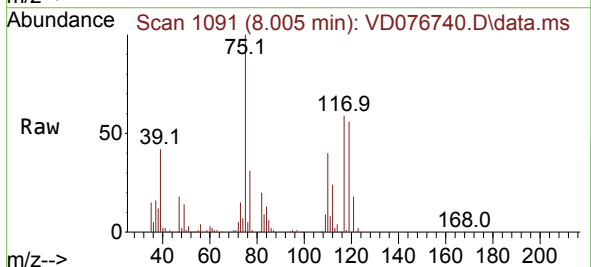
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

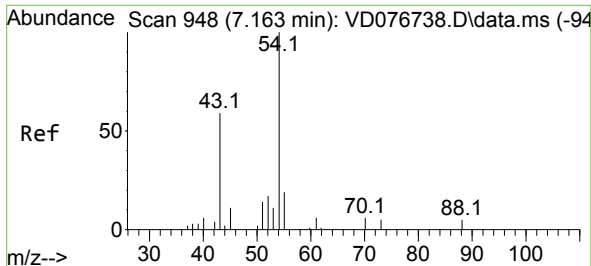
Tgt Ion:113 Resp: 327652
 Ion Ratio Lower Upper
 113 100
 111 105.0 84.7 127.1
 192 18.2 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 148.550 ug/l
 RT: 8.005 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VD076740.D
 Acq: 14 Jul 2023 14:17

Tgt Ion: 75 Resp: 466585
 Ion Ratio Lower Upper
 75 100
 110 37.9 19.9 59.6
 77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 140.171 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

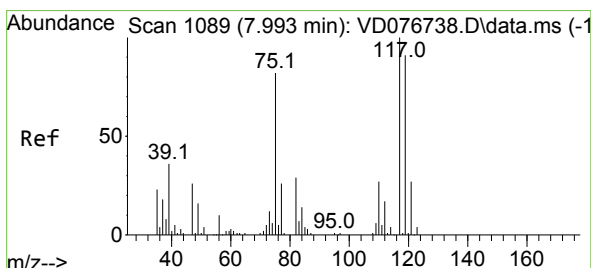
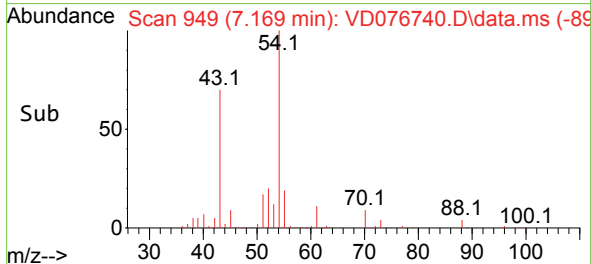
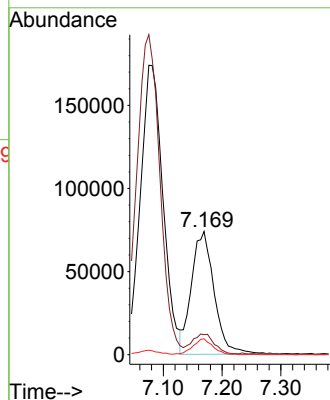
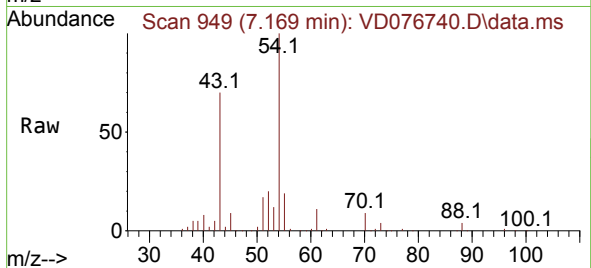
Tgt Ion: 43 Resp: 199008

Ion Ratio Lower Upper

43 100

61 16.0 14.9 22.3

70 11.4 10.0 15.0



#38

Carbon Tetrachloride

Concen: 156.056 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

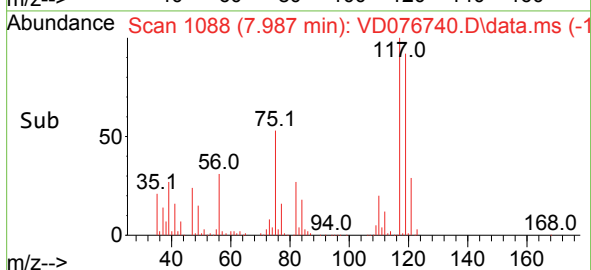
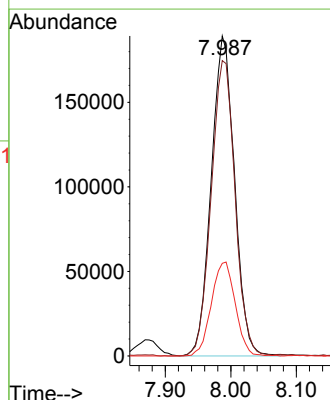
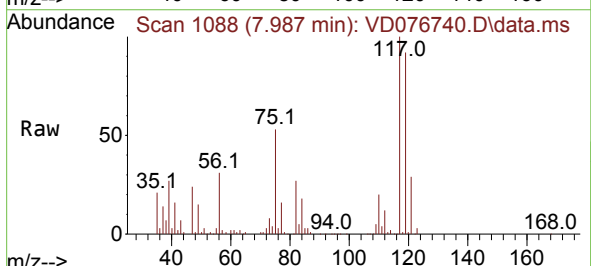
Tgt Ion: 117 Resp: 467522

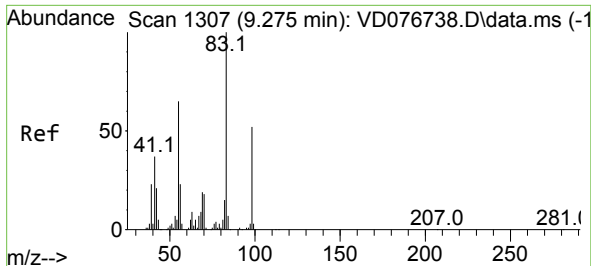
Ion Ratio Lower Upper

117 100

119 92.2 78.0 117.0

121 29.0 24.2 36.2





#39

Methylcyclohexane

Concen: 157.127 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

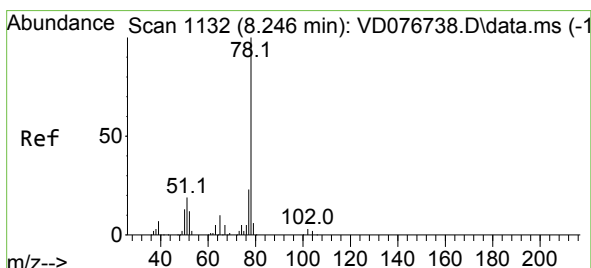
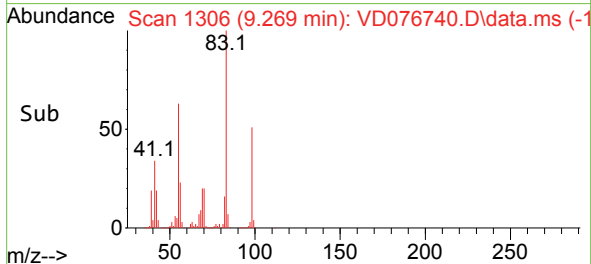
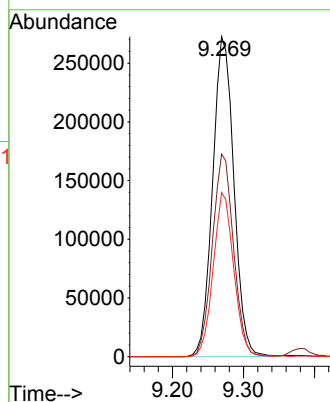
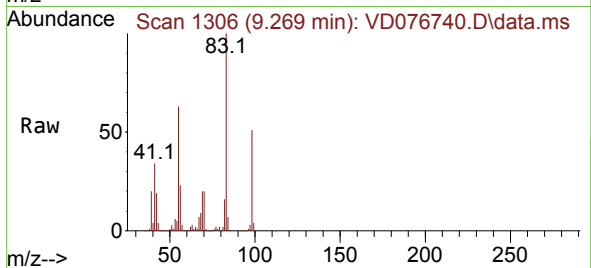
Tgt Ion: 83 Resp: 565621

Ion Ratio Lower Upper

83 100

55 63.3 49.4 74.0

98 51.3 38.4 57.6



#40

Benzene

Concen: 144.640 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VD076740.D

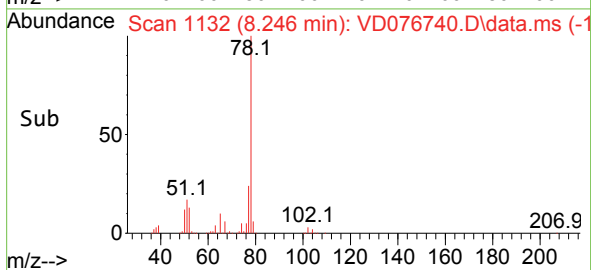
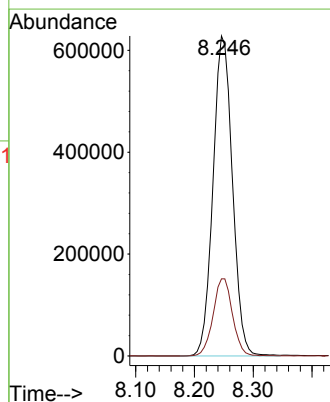
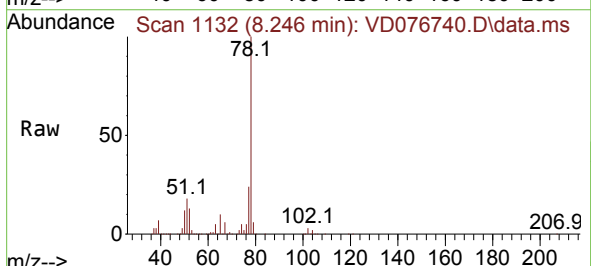
Acq: 14 Jul 2023 14:17

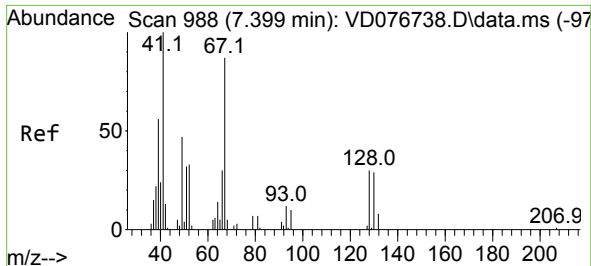
Tgt Ion: 78 Resp: 1442939

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.0

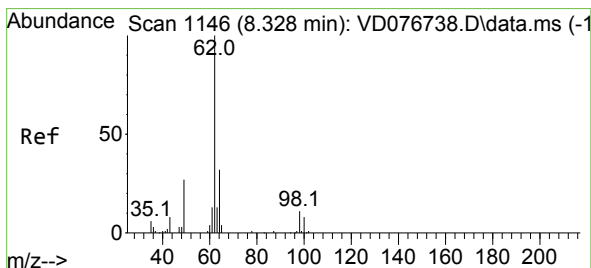
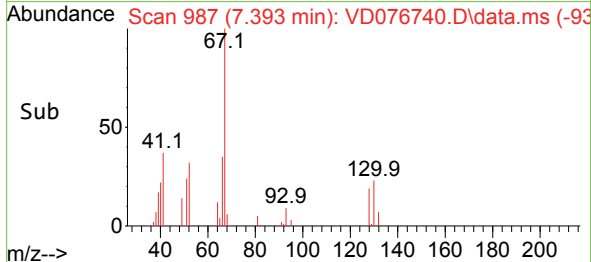
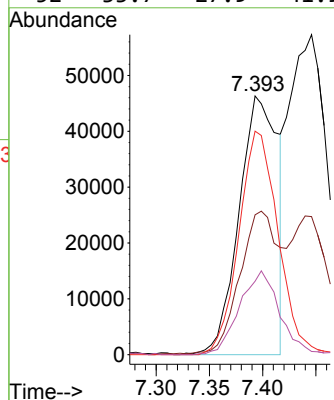
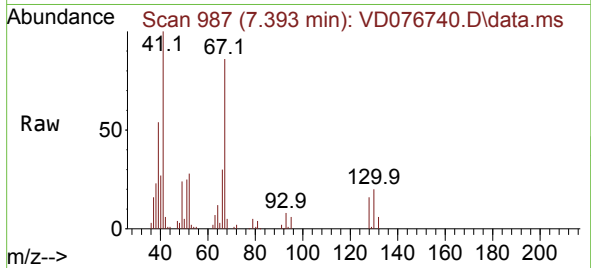




#41
Methacrylonitrile
Concen: 136.457 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

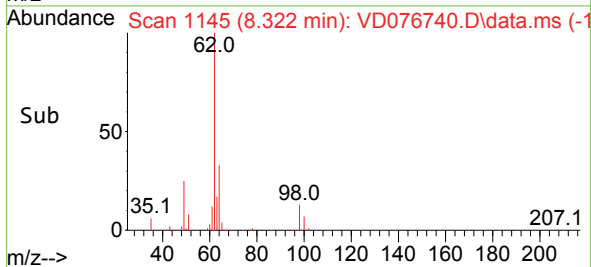
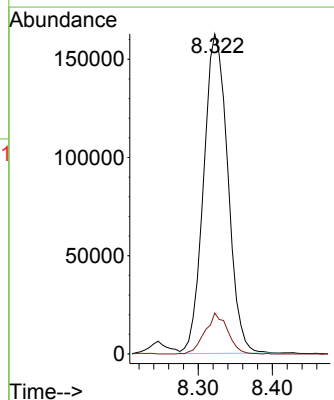
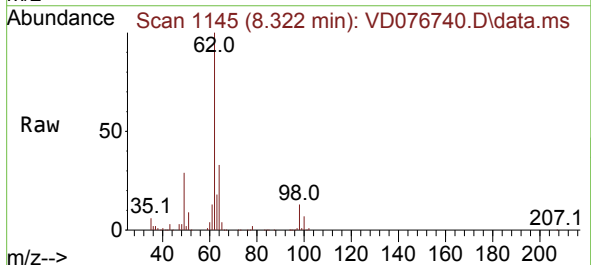
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

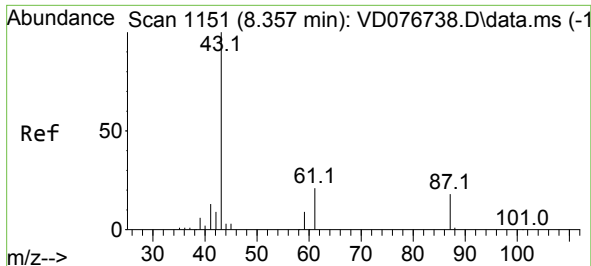
Tgt Ion: 41 Resp: 117365
Ion Ratio Lower Upper
41 100
39 59.7 34.0 51.0#
67 87.3 77.0 115.4
52 33.7 27.9 41.9



#42
1,2-Dichloroethane
Concen: 141.258 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 62 Resp: 368333
Ion Ratio Lower Upper
62 100
98 12.0 0.0 25.4

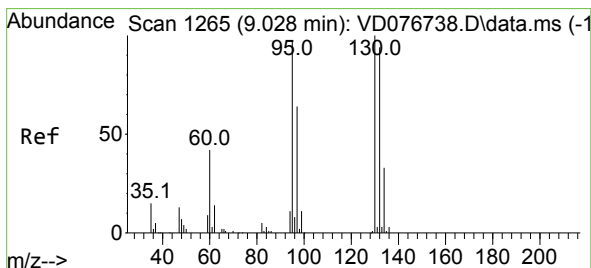
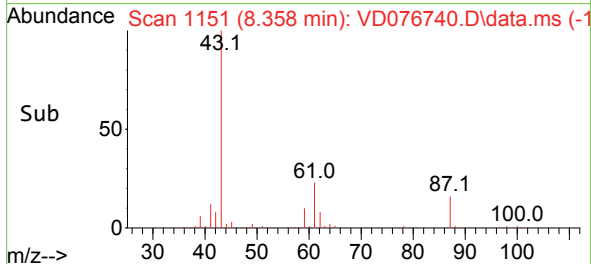
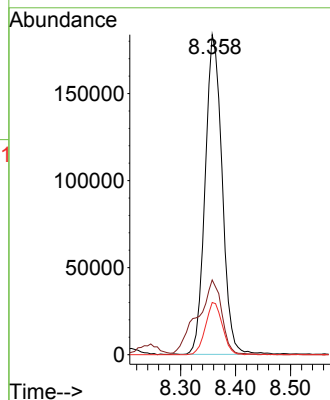
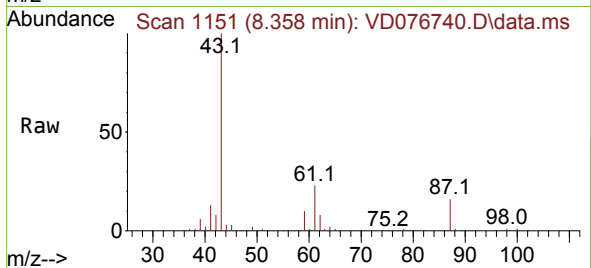




#43
Isopropyl Acetate
Concen: 142.917 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

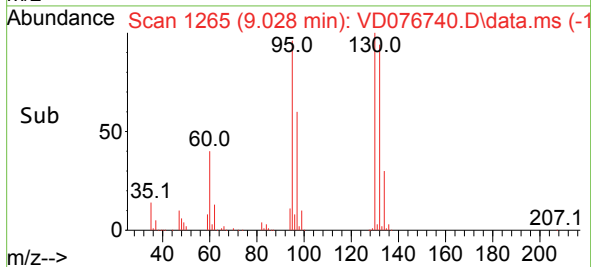
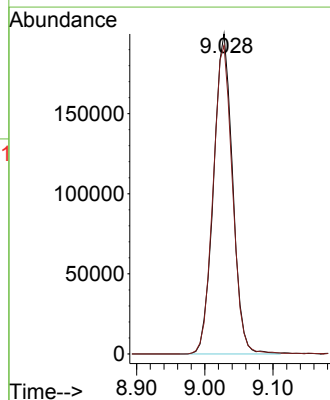
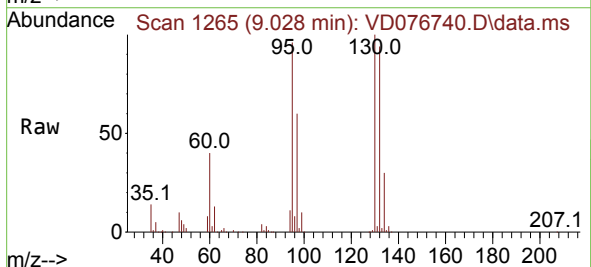
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

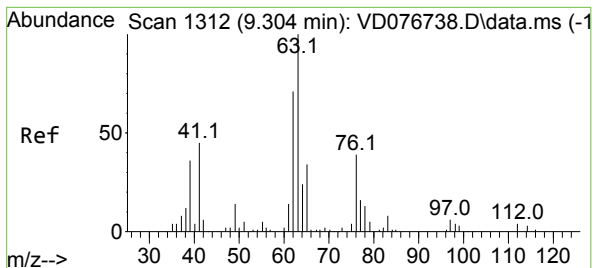
Tgt Ion: 43 Resp: 393401
Ion Ratio Lower Upper
43 100
61 33.1 31.4 47.0
87 16.3 14.9 22.3



#44
Trichloroethene
Concen: 143.346 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion:130 Resp: 387654
Ion Ratio Lower Upper
130 100
95 96.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 140.872 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

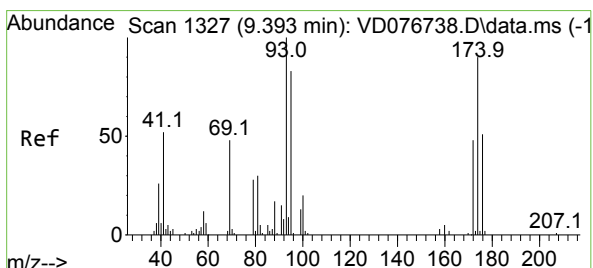
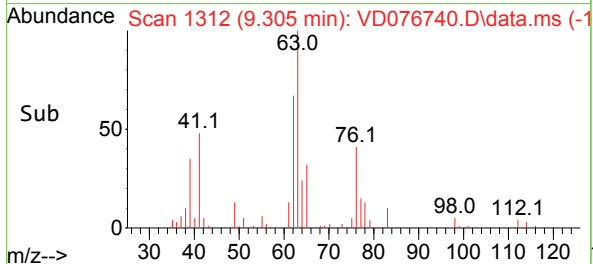
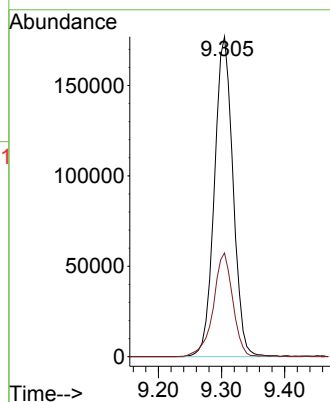
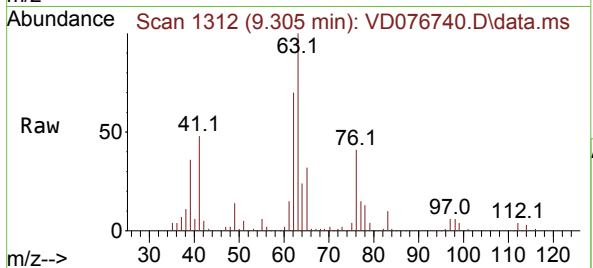
VSTDICC150

Tgt Ion: 63 Resp: 361570

Ion Ratio Lower Upper

63 100

65 32.4 24.5 36.7



#46

Dibromomethane

Concen: 141.473 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

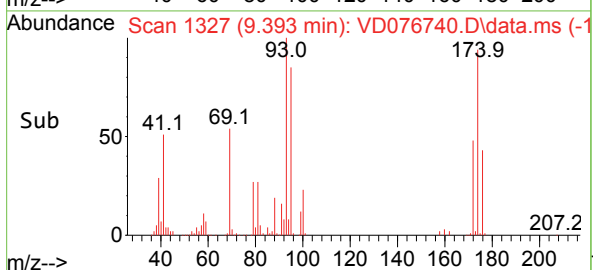
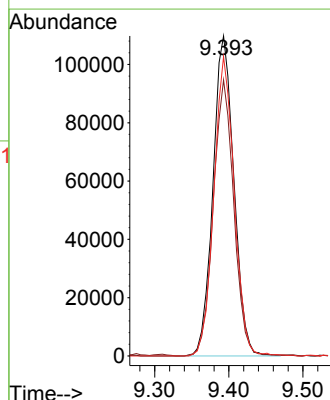
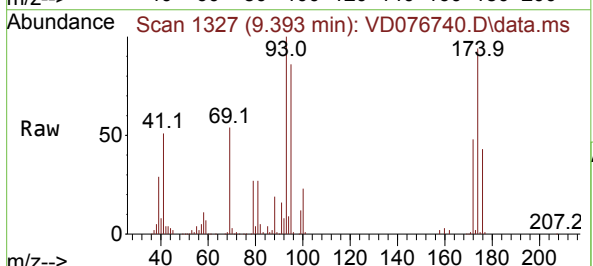
Tgt Ion: 93 Resp: 215225

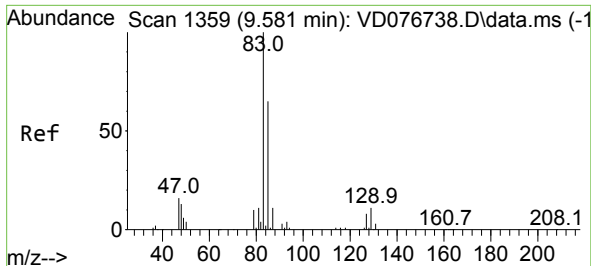
Ion Ratio Lower Upper

93 100

95 84.6 67.7 101.5

174 91.3 85.4 128.2

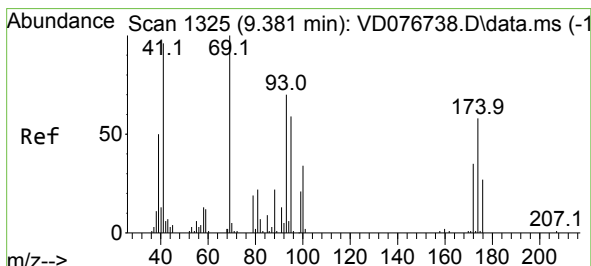
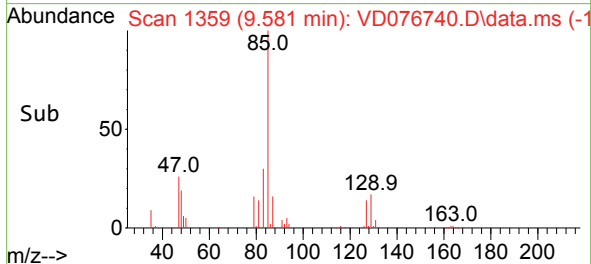
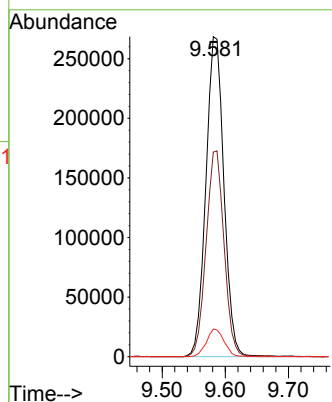
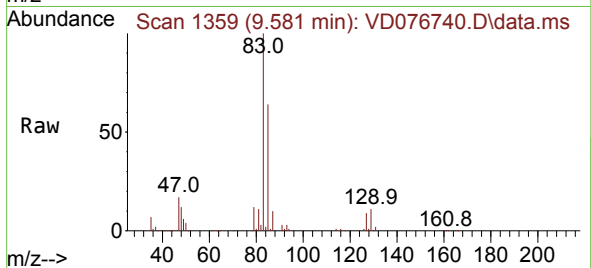




#47
Bromodichloromethane
Concen: 140.999 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

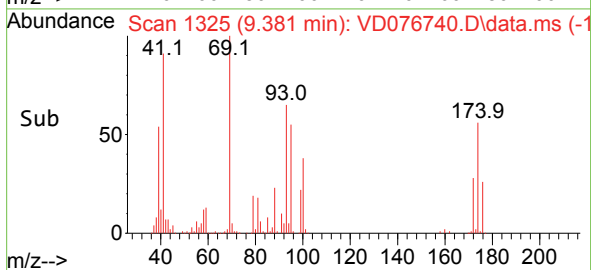
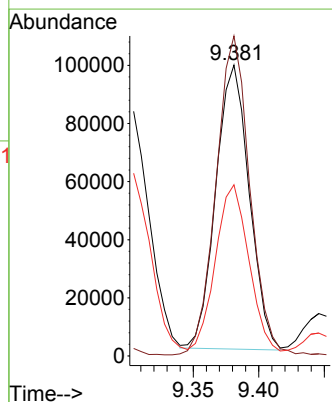
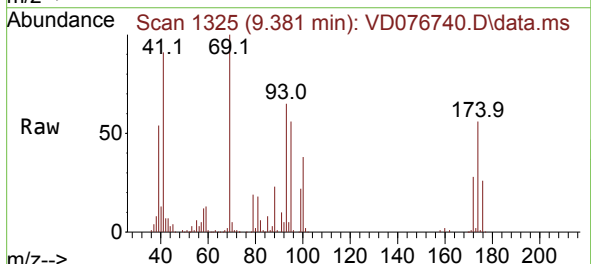
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

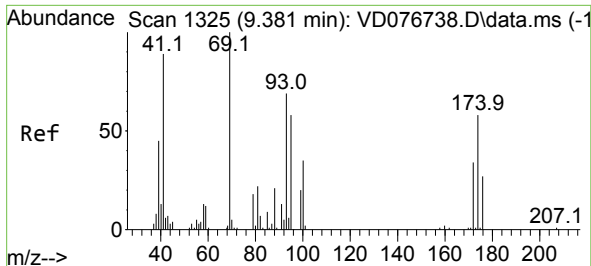
Tgt Ion: 83 Resp: 531607
Ion Ratio Lower Upper
83 100
85 63.9 50.2 75.4
127 8.7 6.3 9.5



#48
Methyl methacrylate
Concen: 137.391 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 41 Resp: 173247
Ion Ratio Lower Upper
41 100
69 115.0 102.2 153.2
39 61.1 41.4 62.2





#49

1,4-Dioxane

Concen: 2929.499 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

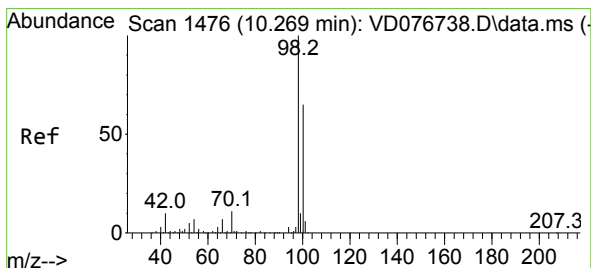
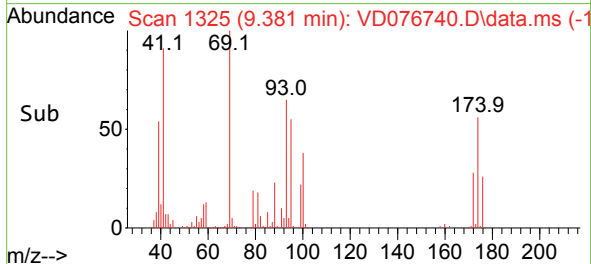
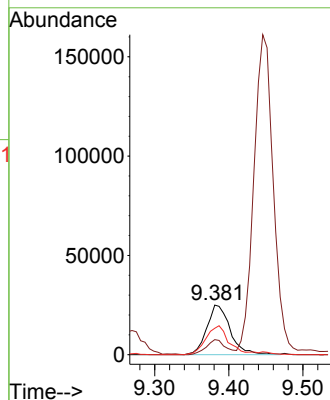
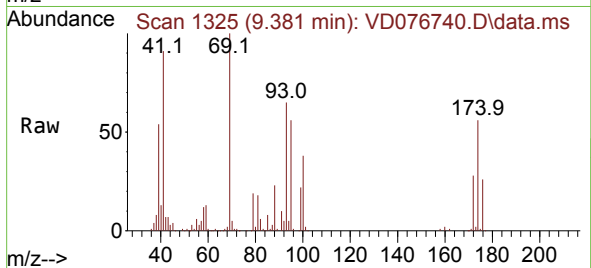
Tgt Ion: 88 Resp: 54978

Ion Ratio Lower Upper

88 100

43 25.7 19.0 28.6

58 57.8 43.5 65.3



#50

Toluene-d8

Concen: 135.969 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076740.D

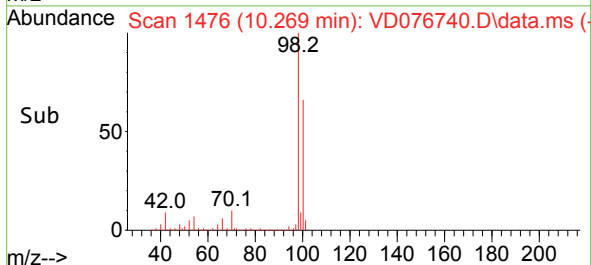
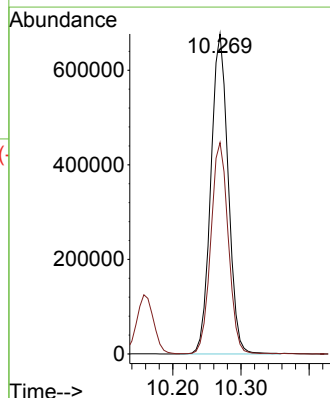
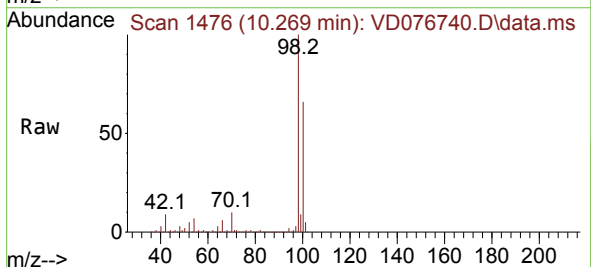
Acq: 14 Jul 2023 14:17

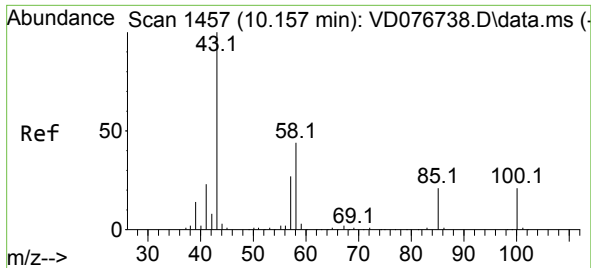
Tgt Ion: 98 Resp: 1197621

Ion Ratio Lower Upper

98 100

100 66.3 50.3 75.5

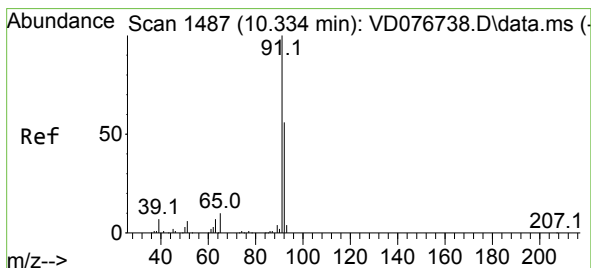
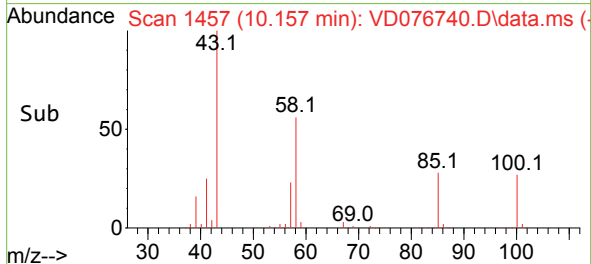
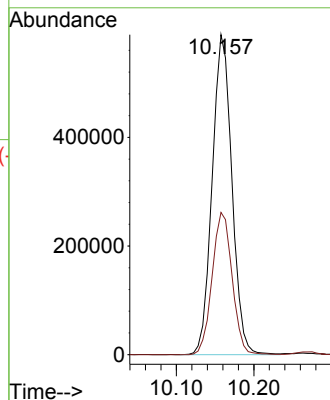
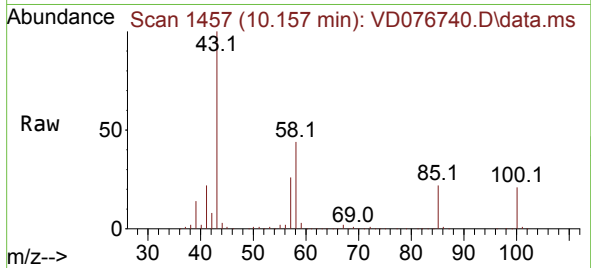




#51
4-Methyl-2-Pentanone
Concen: 707.907 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

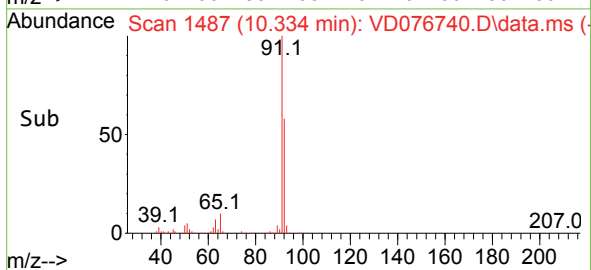
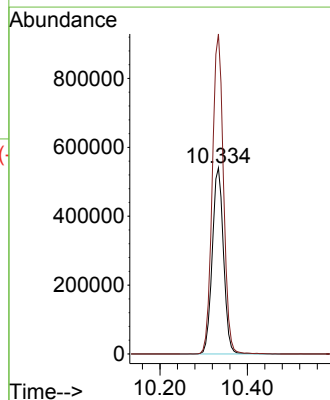
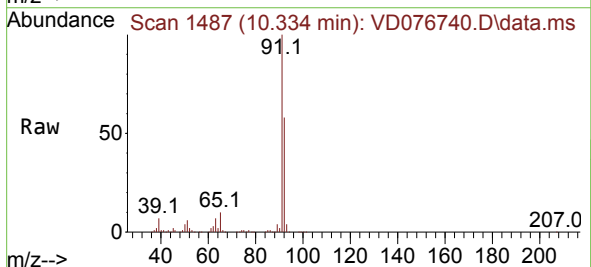
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

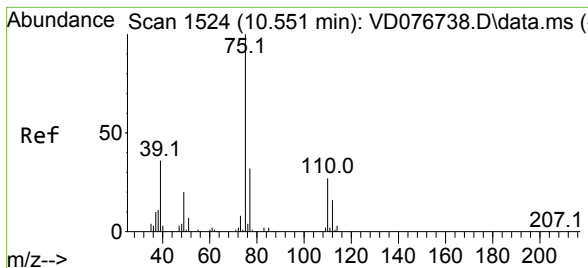
Tgt Ion: 43 Resp: 1041204
Ion Ratio Lower Upper
43 100
58 45.0 38.9 58.3



#52
Toluene
Concen: 148.391 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 92 Resp: 966521
Ion Ratio Lower Upper
92 100
91 171.2 143.0 214.4

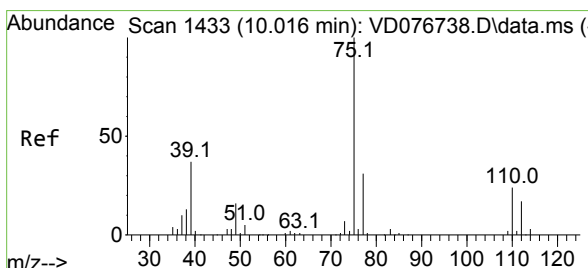
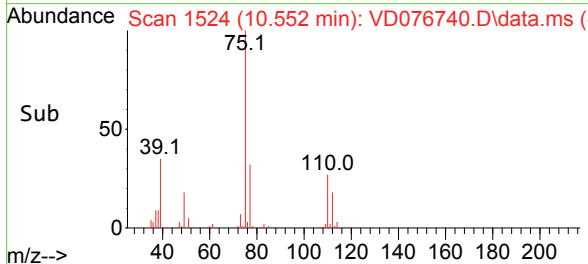
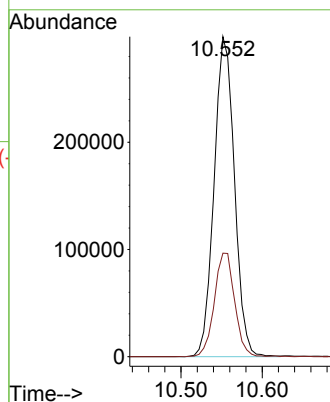
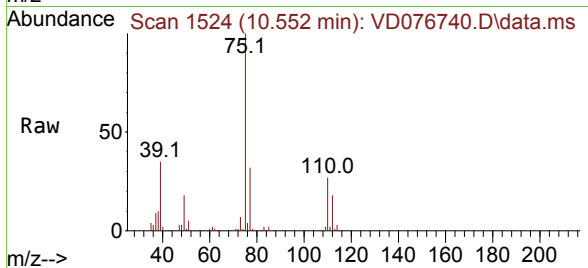




#53
t-1,3-Dichloropropene
Concen: 149.441 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

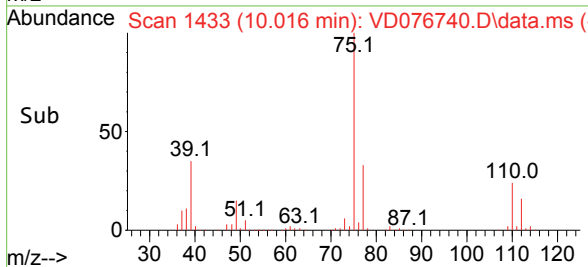
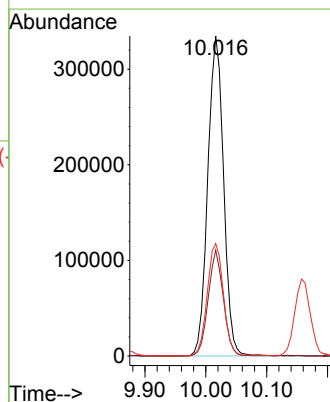
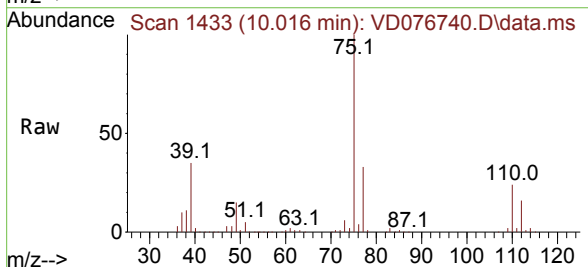
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

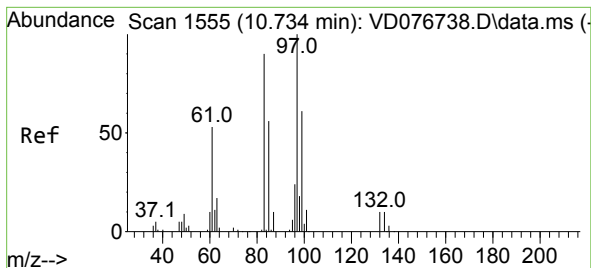
Tgt Ion: 75 Resp: 520329
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 146.113 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 75 Resp: 604647
Ion Ratio Lower Upper
75 100
77 33.1 25.5 38.3
39 35.0 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 140.119 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 309832

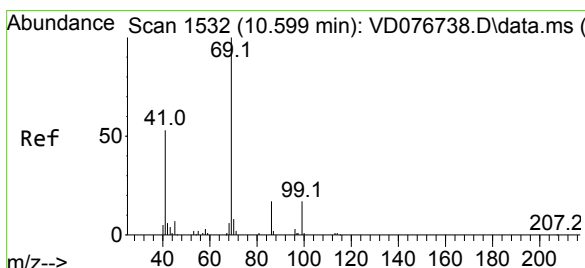
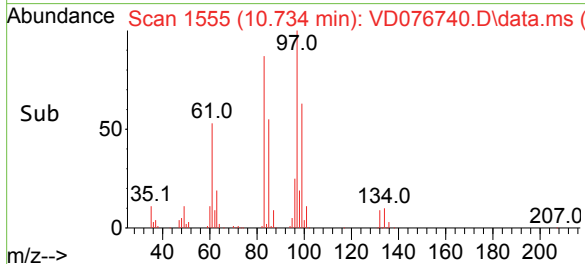
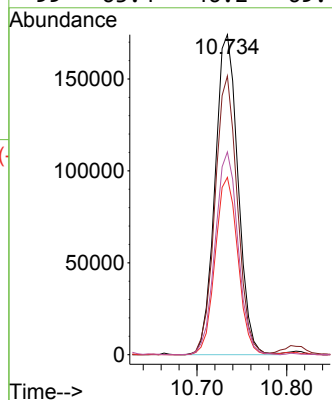
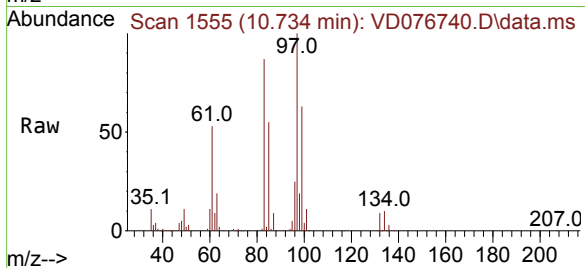
Ion Ratio Lower Upper

97 100

83 87.1 65.8 98.6

85 55.4 45.7 68.5

99 63.4 46.2 69.4



#56

Ethyl methacrylate

Concen: 148.953 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

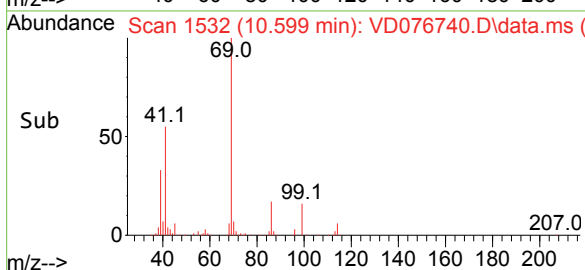
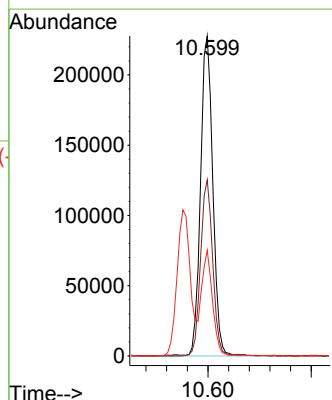
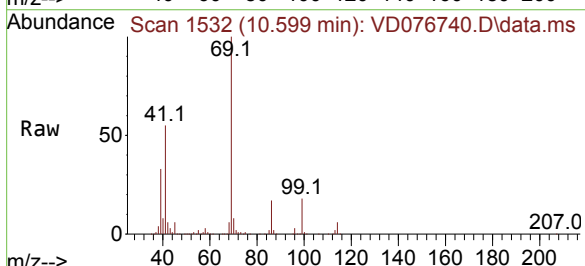
Tgt Ion: 69 Resp: 375269

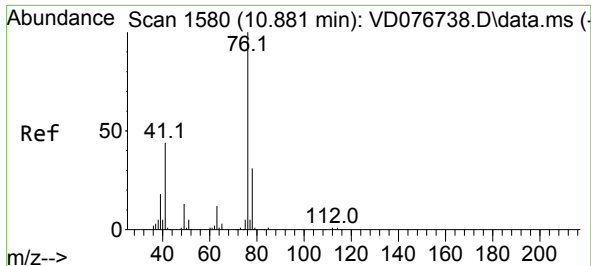
Ion Ratio Lower Upper

69 100

41 53.6 39.1 58.7

39 28.1 20.0 30.0

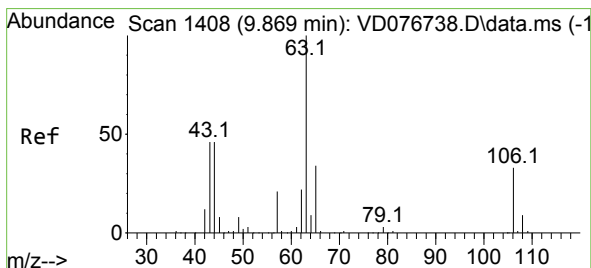
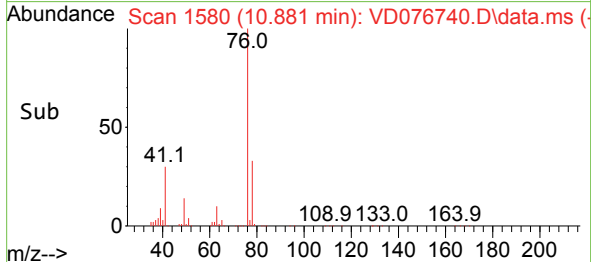
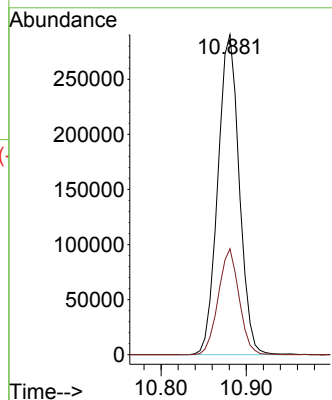
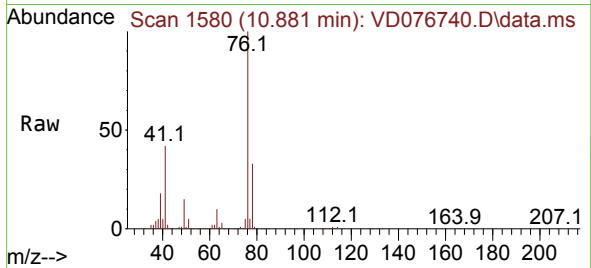




#57
1,3-Dichloropropane
Concen: 141.795 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

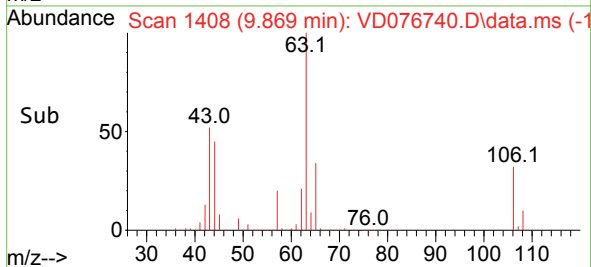
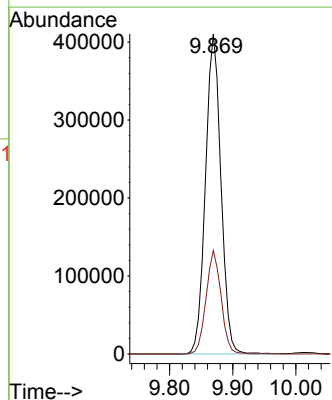
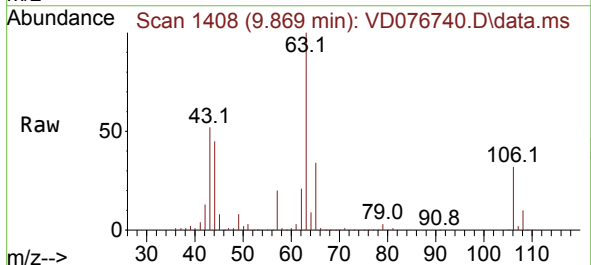
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

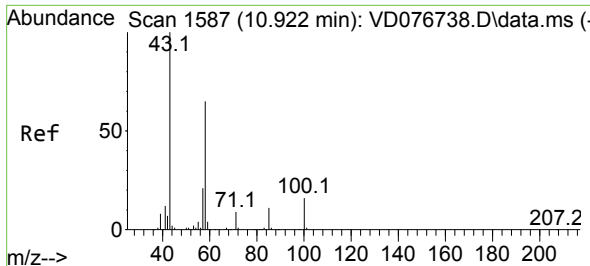
Tgt Ion: 76 Resp: 507703
Ion Ratio Lower Upper
76 100
78 32.1 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 708.180 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 63 Resp: 699479
Ion Ratio Lower Upper
63 100
106 31.3 25.3 37.9

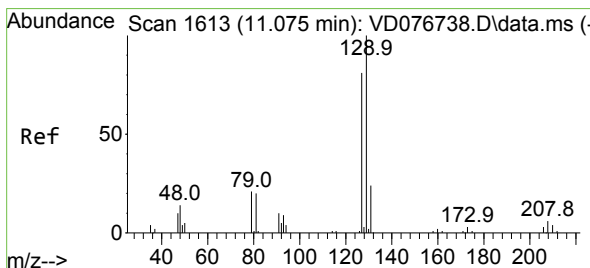
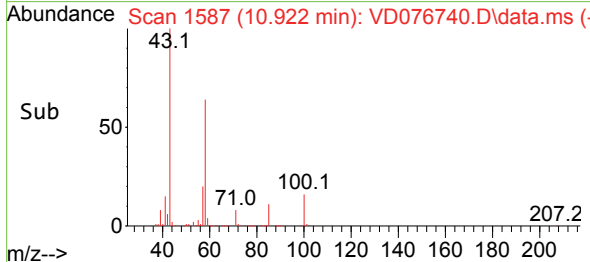
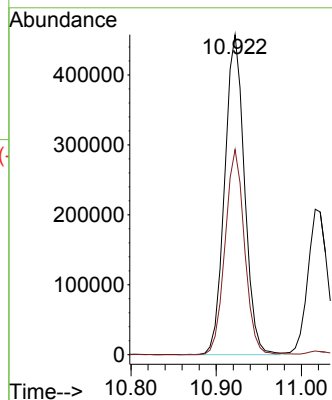
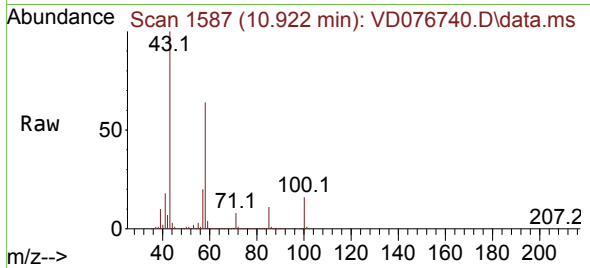




#59
2-Hexanone
Concen: 700.770 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

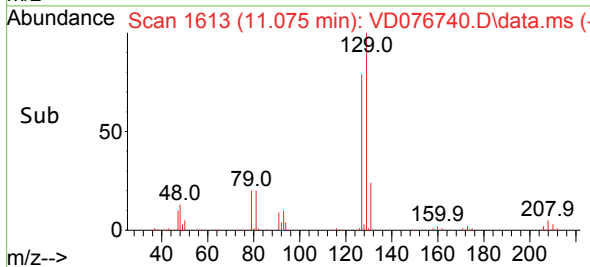
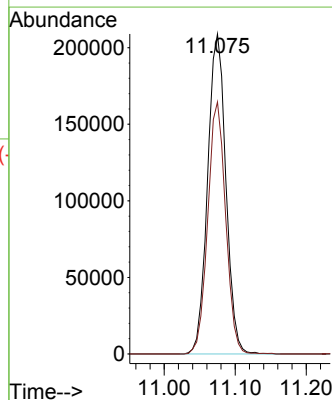
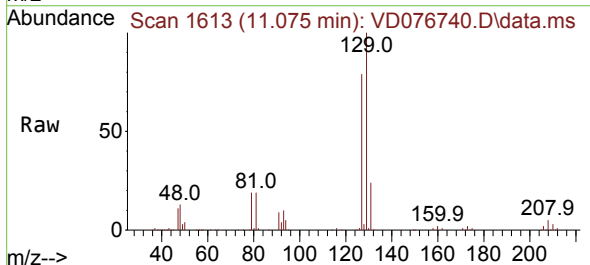
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

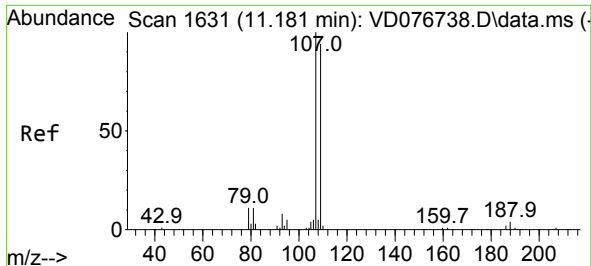
Tgt Ion: 43 Resp: 737658
Ion Ratio Lower Upper
43 100
58 63.1 34.1 102.2



#60
Dibromochloromethane
Concen: 146.336 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 129 Resp: 373437
Ion Ratio Lower Upper
129 100
127 77.2 37.1 111.5

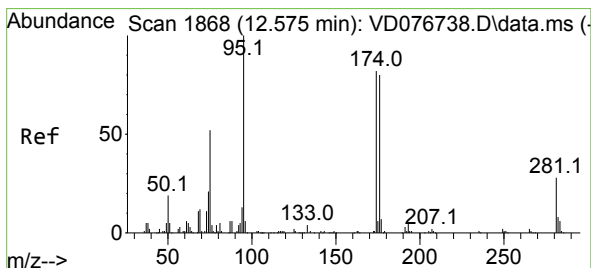
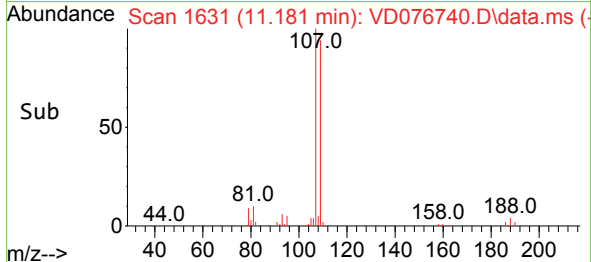
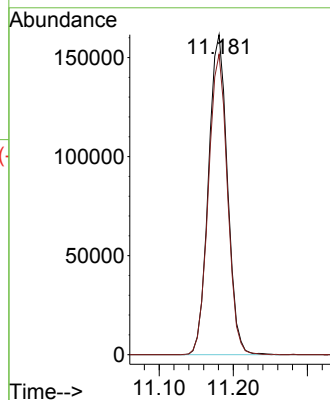
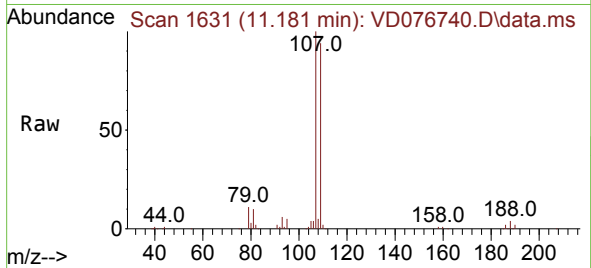




#61
1,2-Dibromoethane
Concen: 139.644 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

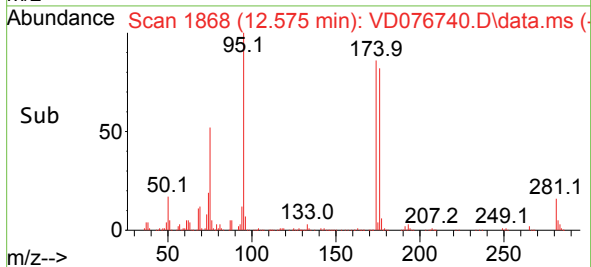
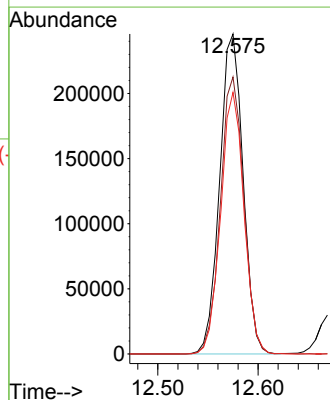
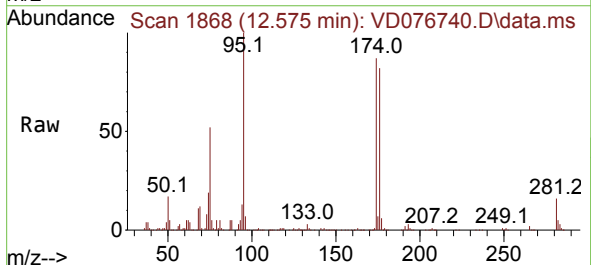
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

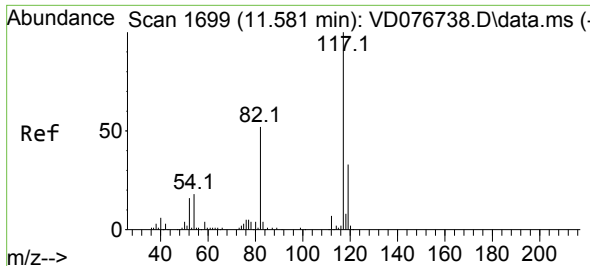
Tgt Ion:107 Resp: 287127
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 141.143 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 95 Resp: 397686
Ion Ratio Lower Upper
95 100
174 86.6 0.0 201.8
176 81.2 0.0 191.8

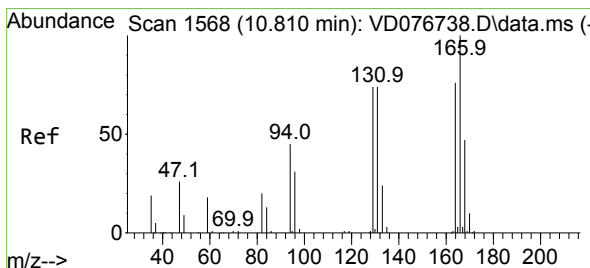
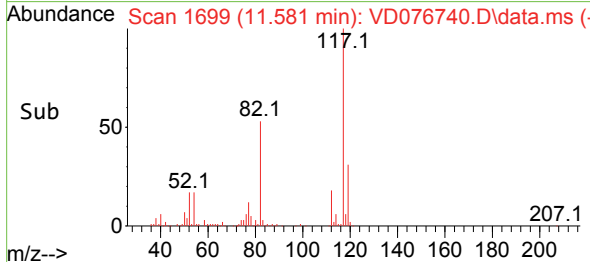
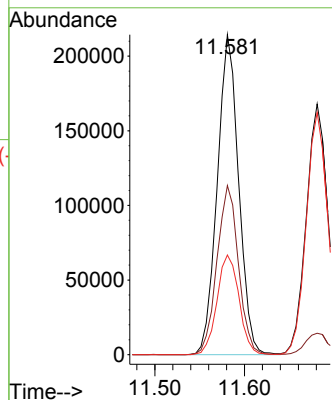
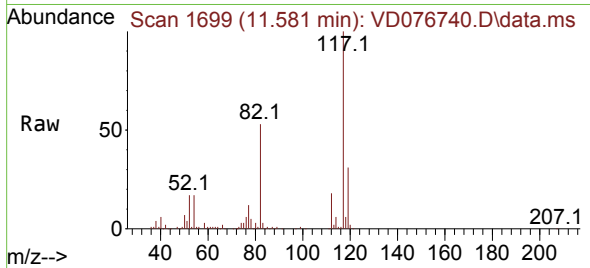




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

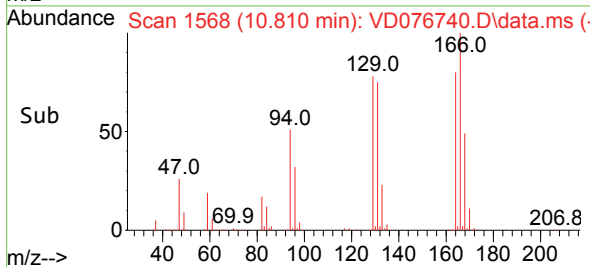
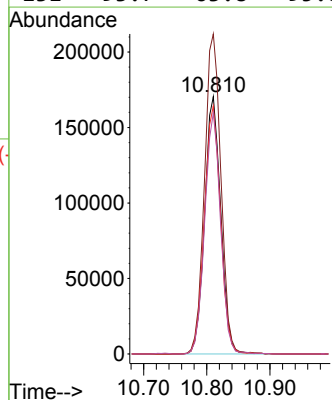
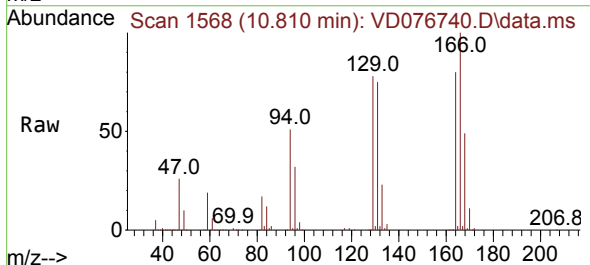
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

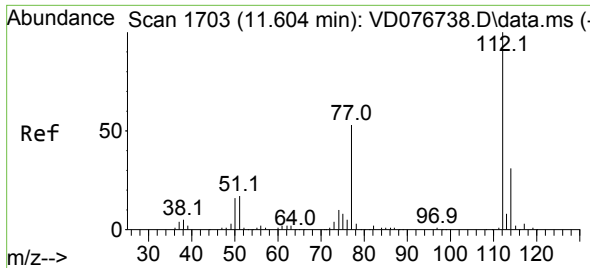
Tgt Ion:117 Resp: 354747
Ion Ratio Lower Upper
117 100
82 52.9 38.3 57.5
119 31.2 25.0 37.4



#64
Tetrachloroethene
Concen: 150.452 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion:164 Resp: 301744
Ion Ratio Lower Upper
164 100
166 124.4 99.2 148.8
129 96.4 68.4 102.6
131 93.7 63.8 95.8

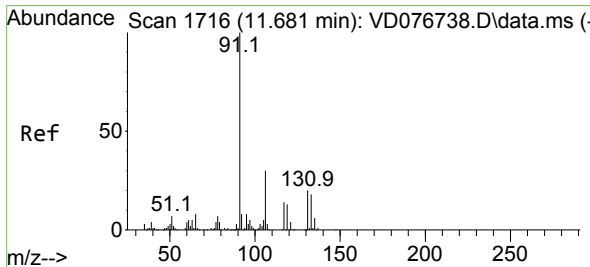
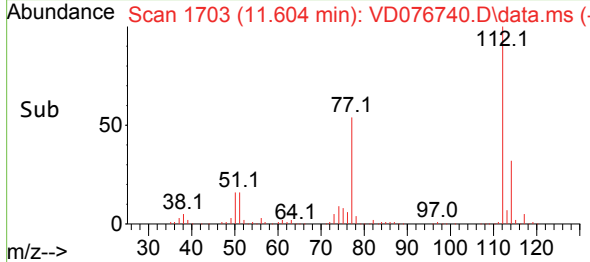
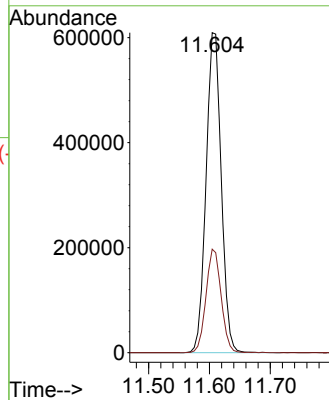
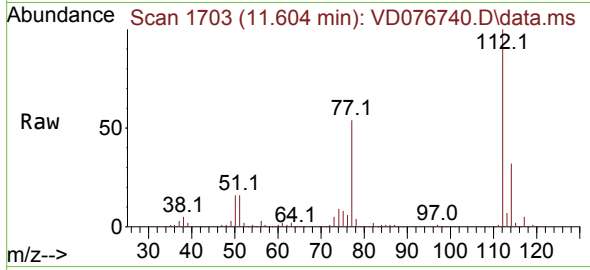




#65
Chlorobenzene
Concen: 147.157 ug/l
RT: 11.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

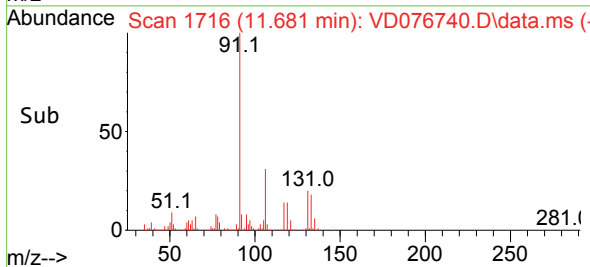
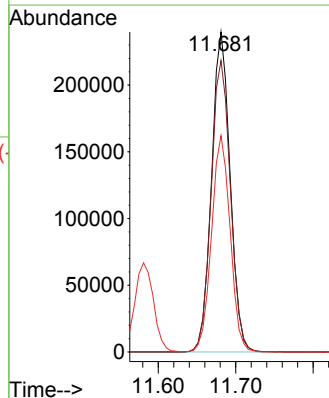
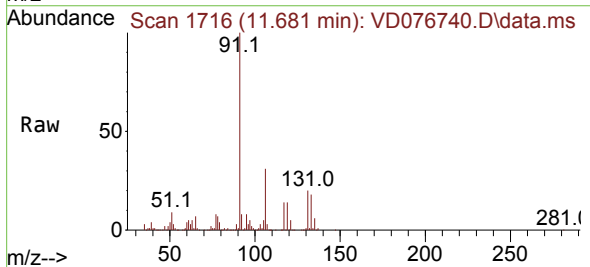
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

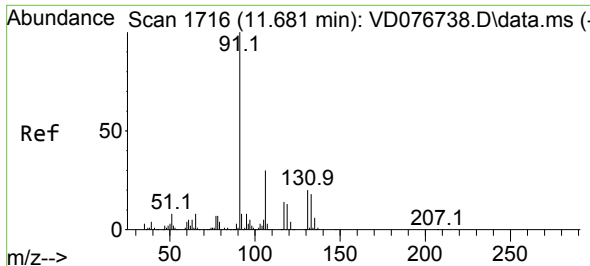
Tgt Ion:112 Resp: 1055085
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 149.037 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion:131 Resp: 399085
Ion Ratio Lower Upper
131 100
133 94.7 48.5 145.5
119 67.9 35.6 106.9

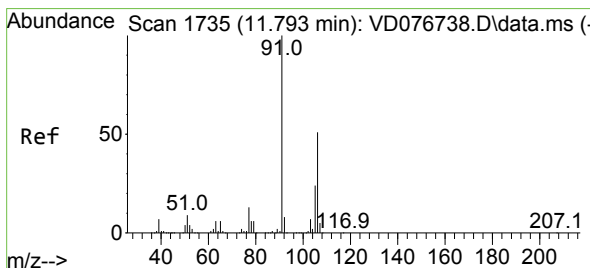
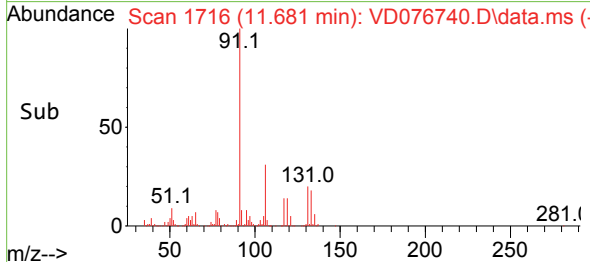
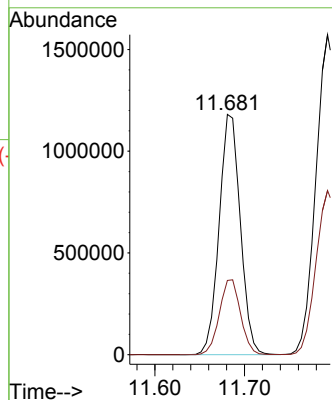
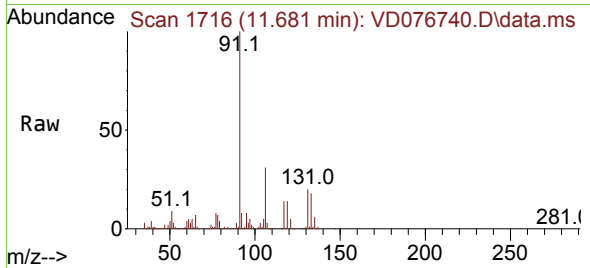




#67
Ethyl Benzene
Concen: 155.252 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

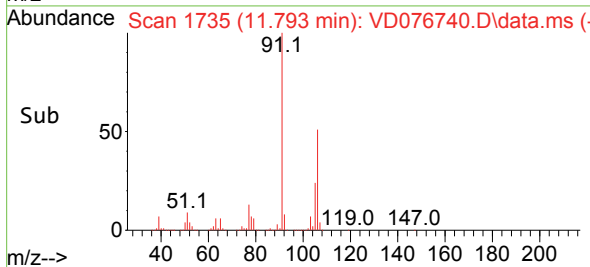
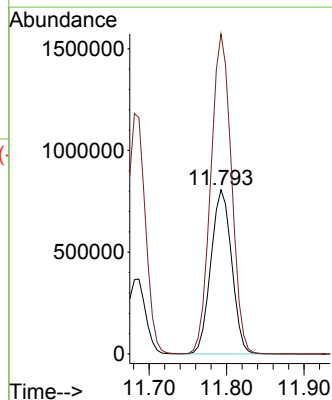
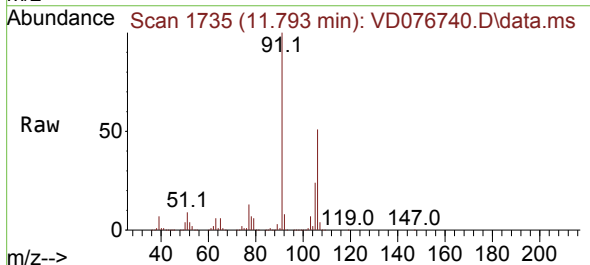
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

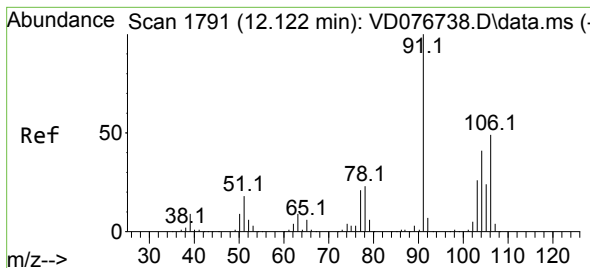
Tgt Ion: 91 Resp: 1935733
Ion Ratio Lower Upper
91 100
106 30.9 26.5 39.7



#68
m/p-Xylenes
Concen: 313.238 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 106 Resp: 1501344
Ion Ratio Lower Upper
106 100
91 194.2 147.0 220.6

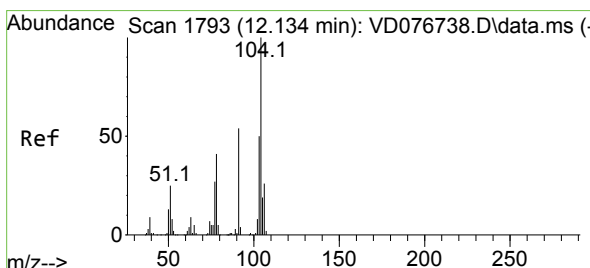
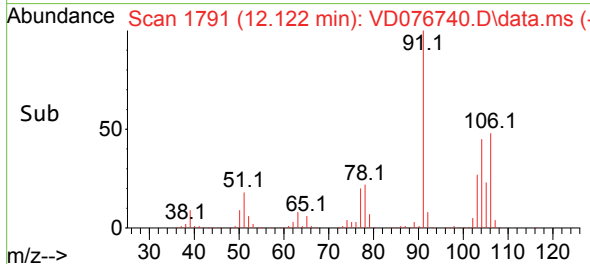
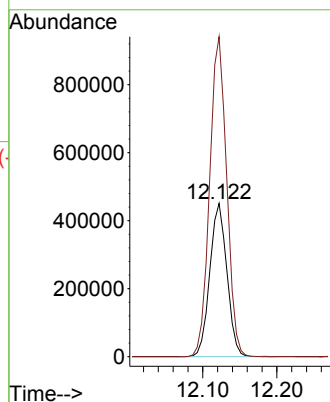
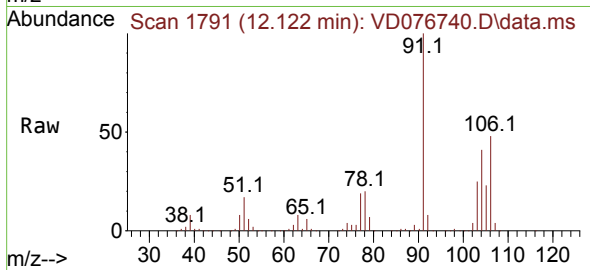




#69
o-Xylene
Concen: 157.582 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

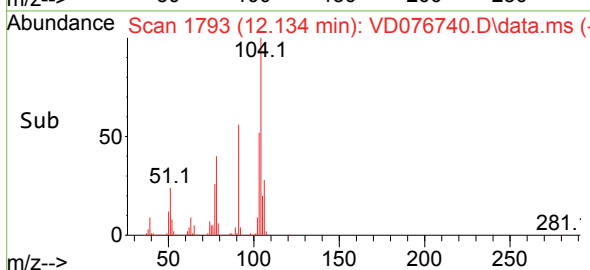
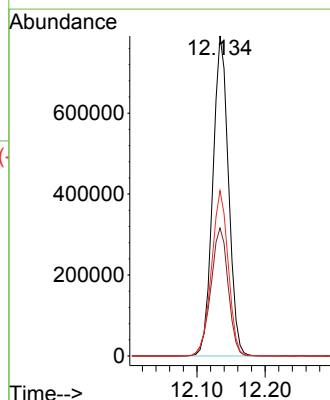
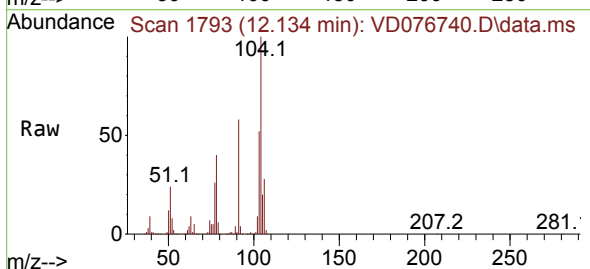
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

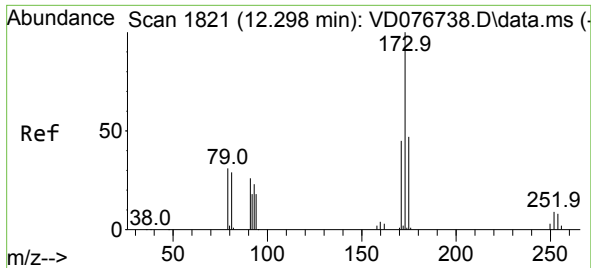
Tgt Ion:106 Resp: 721049
Ion Ratio Lower Upper
106 100
91 208.5 97.9 293.6



#70
Styrene
Concen: 158.648 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion:104 Resp: 1266751
Ion Ratio Lower Upper
104 100
78 44.1 33.2 49.8
103 54.9 43.6 65.4

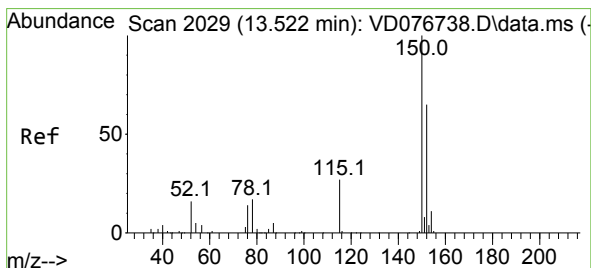
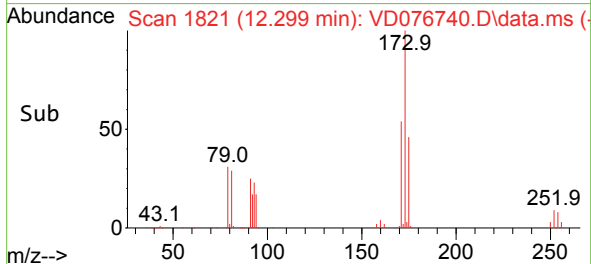
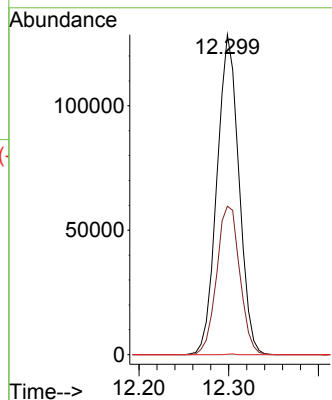
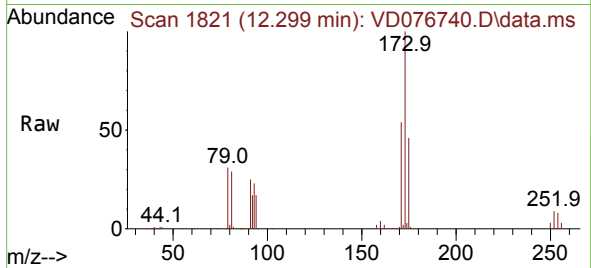




#71
Bromoform
Concen: 150.423 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

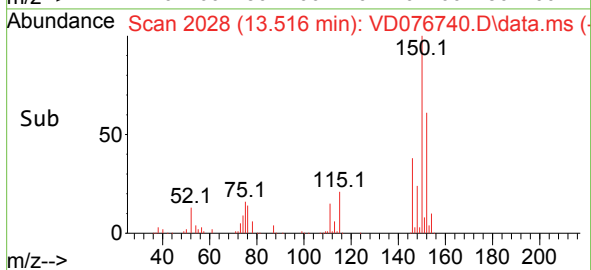
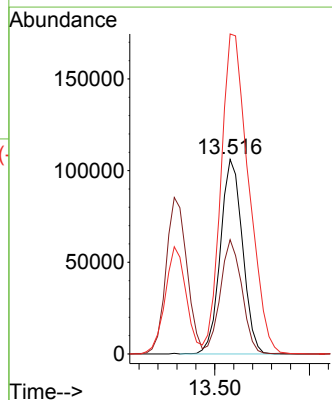
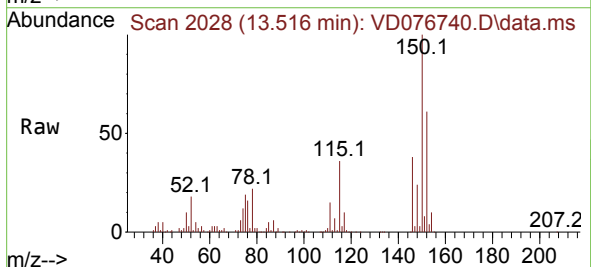
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

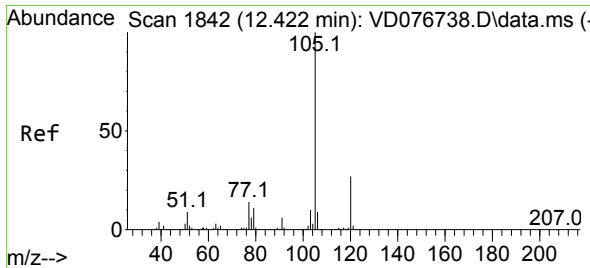
Tgt Ion:173 Resp: 218230
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion:152 Resp: 172295
Ion Ratio Lower Upper
152 100
115 57.4 27.1 81.3
150 205.7 0.0 353.6

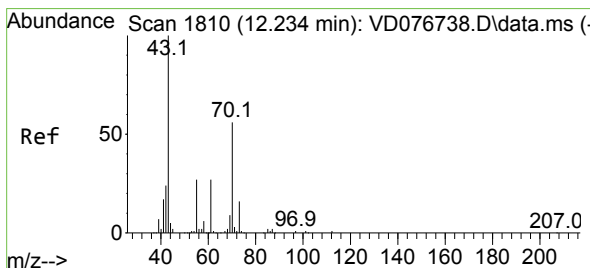
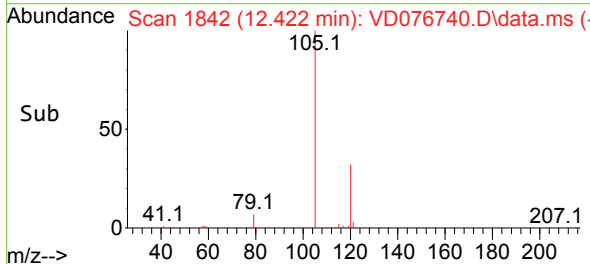
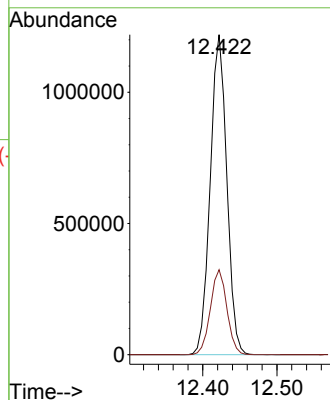
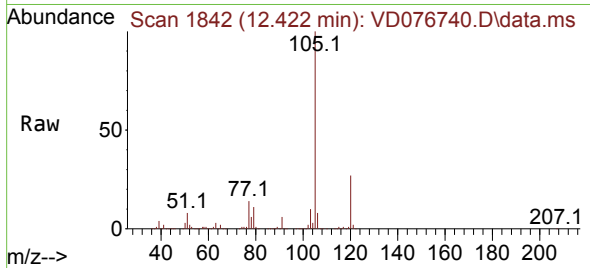




#73
Isopropylbenzene
Concen: 153.515 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

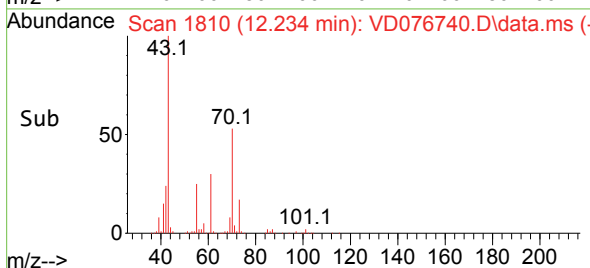
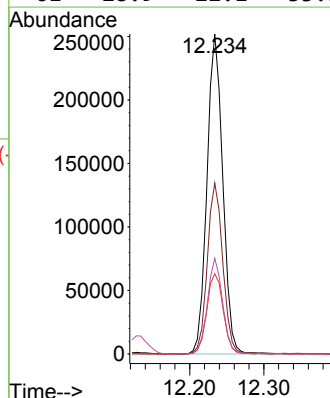
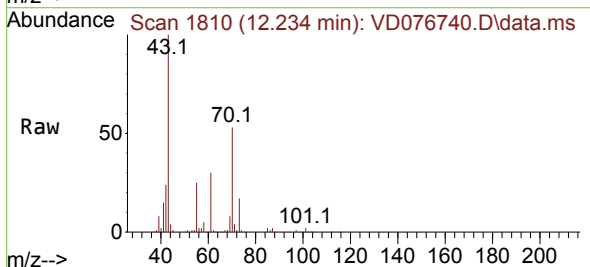
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

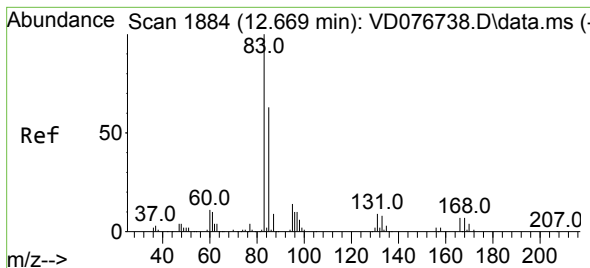
Tgt Ion:105 Resp: 1890490
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9



#74
N-ethyl acetate
Concen: 142.977 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 43 Resp: 373508
Ion Ratio Lower Upper
43 100
70 52.2 45.0 67.4
55 25.9 23.8 35.6
61 28.9 22.1 33.1

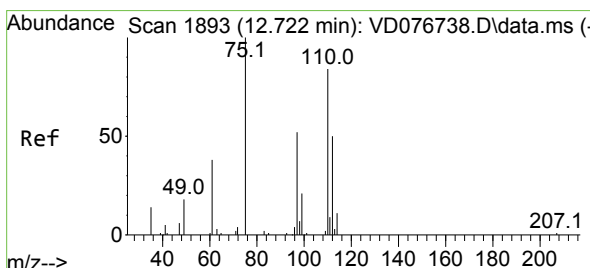
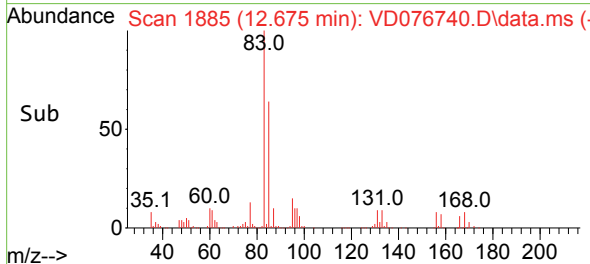
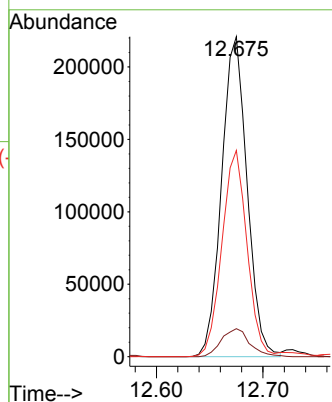
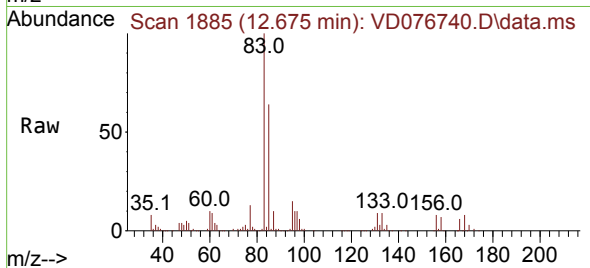




#75
 1,1,2,2-Tetrachloroethane
 Concen: 137.125 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD076740.D
 Acq: 14 Jul 2023 14:17

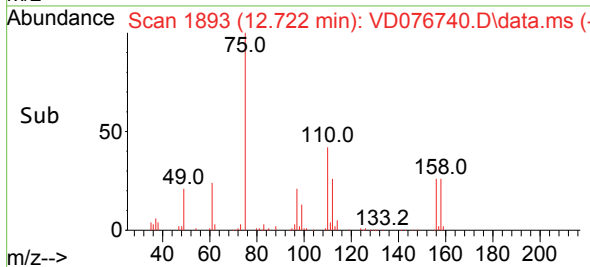
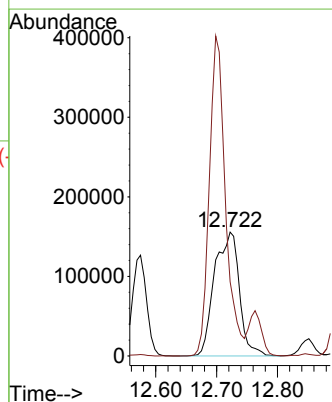
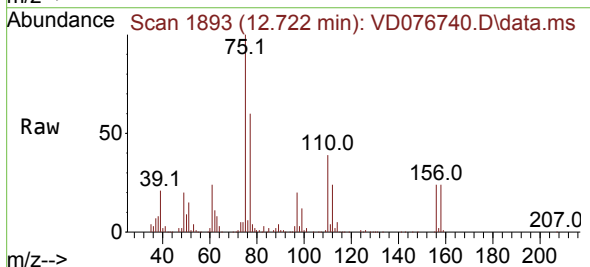
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

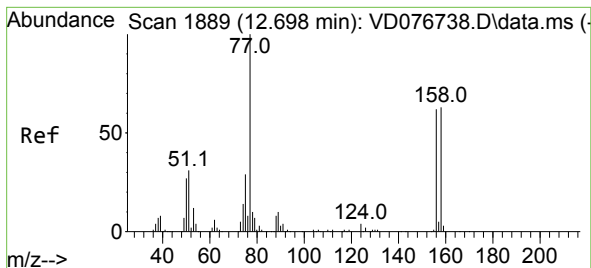
Tgt Ion: 83 Resp: 367123
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.1 15.3
 85 63.8 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 287.586 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD076740.D
 Acq: 14 Jul 2023 14:17

Tgt Ion: 75 Resp: 441020
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 145.278 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

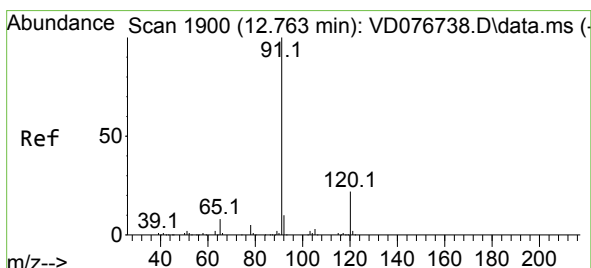
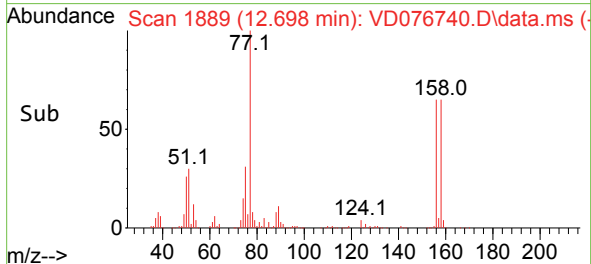
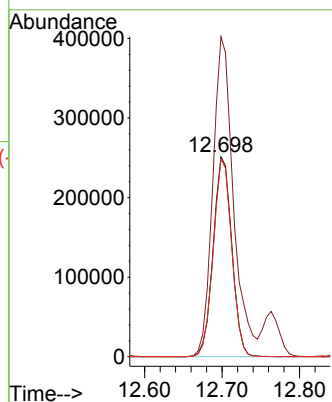
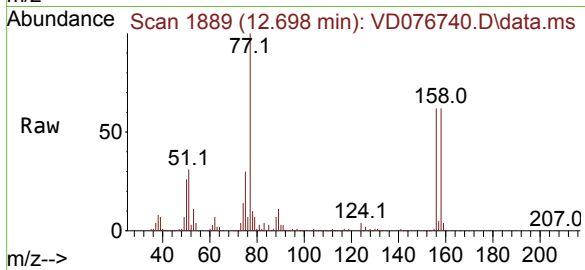
Tgt Ion:156 Resp: 417793

Ion Ratio Lower Upper

156 100

77 177.9 76.8 230.4

158 97.9 48.6 145.9



#78

n-propylbenzene

Concen: 152.542 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076740.D

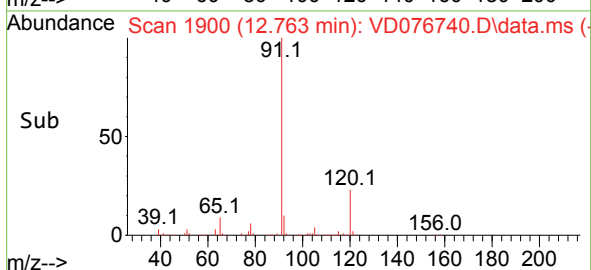
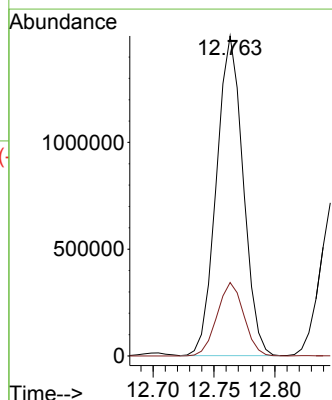
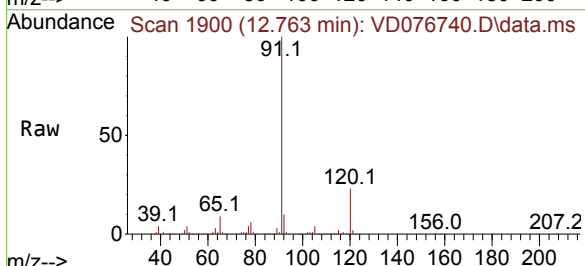
Acq: 14 Jul 2023 14:17

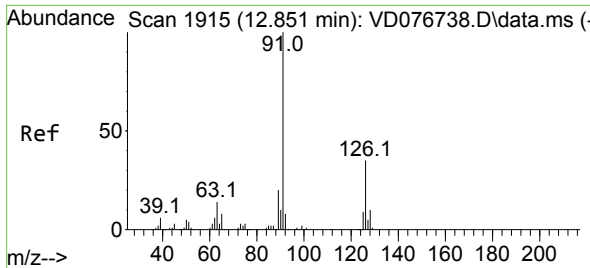
Tgt Ion: 91 Resp: 2286180

Ion Ratio Lower Upper

91 100

120 23.0 12.4 37.2

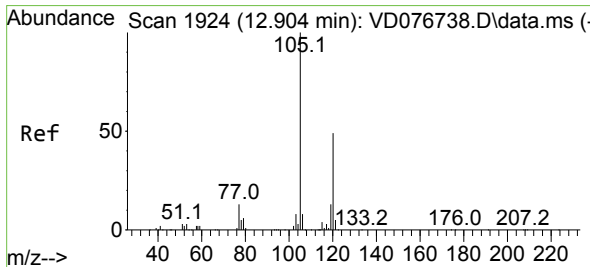
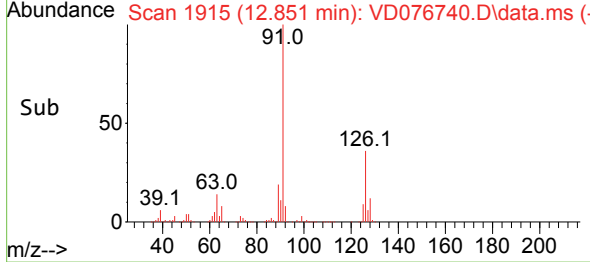
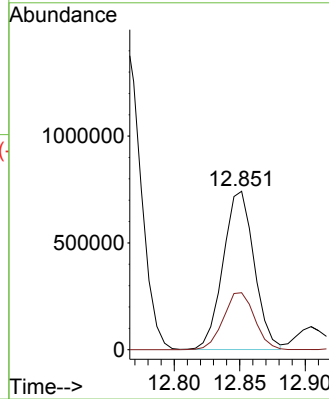
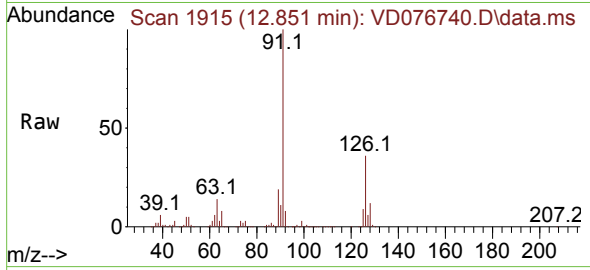




#79
2-Chlorotoluene
Concen: 147.270 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

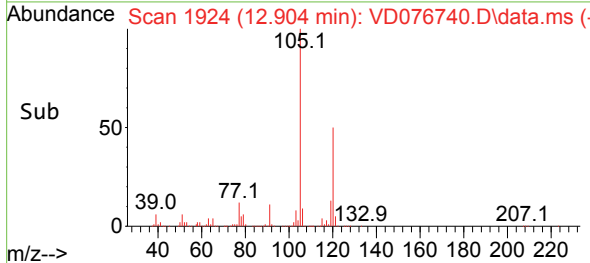
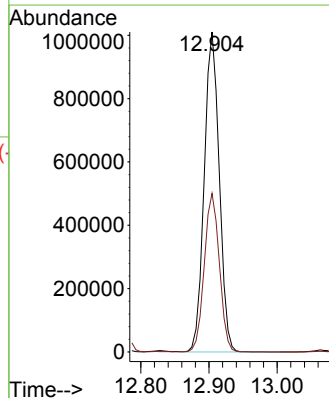
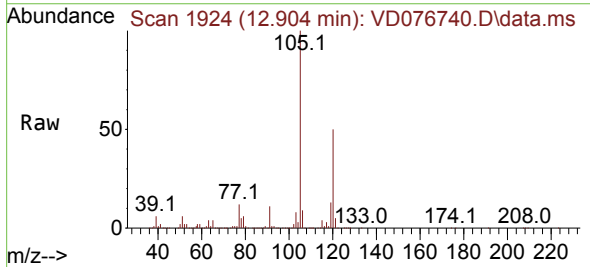
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

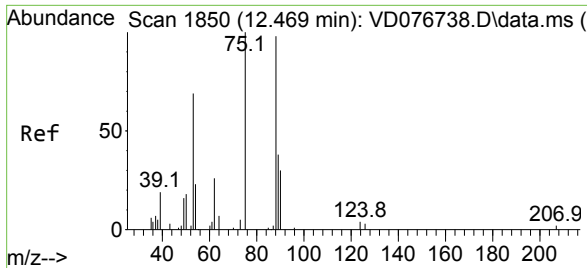
Tgt Ion: 91 Resp: 1222268
Ion Ratio Lower Upper
91 100
126 36.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 154.240 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 105 Resp: 1549307
Ion Ratio Lower Upper
105 100
120 49.6 26.4 79.2

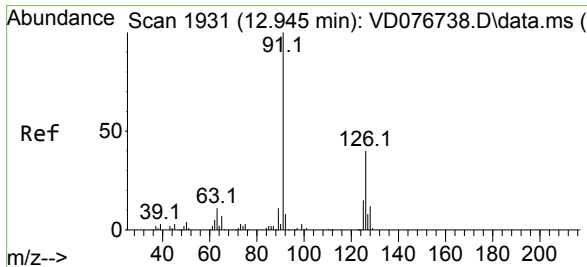
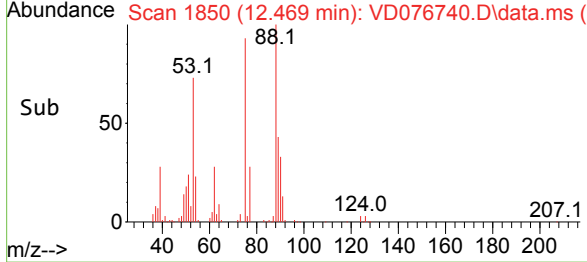
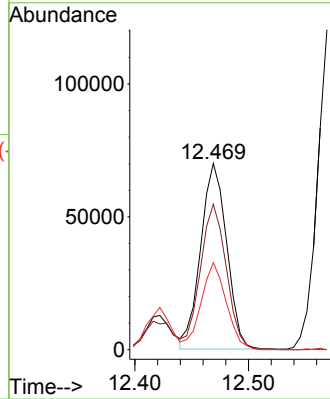
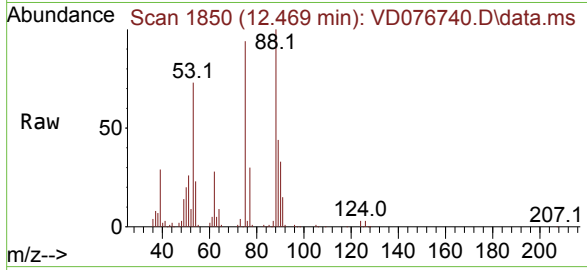




#81
trans-1,4-Dichloro-2-butene
Concen: 145.895 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

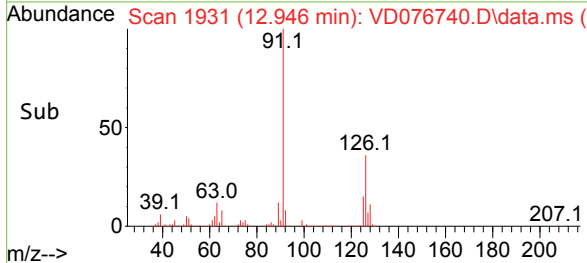
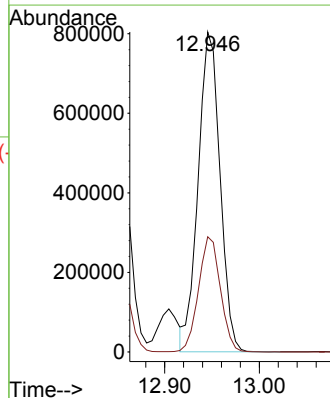
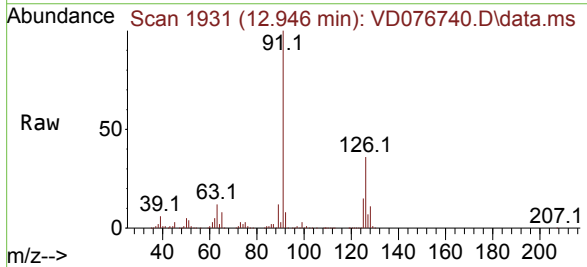
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

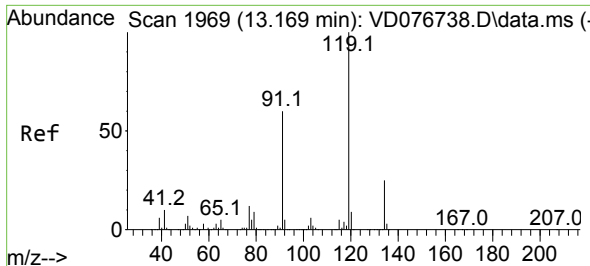
Tgt Ion: 75 Resp: 111242
Ion Ratio Lower Upper
75 100
53 78.6 63.0 94.4
89 45.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 148.137 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 91 Resp: 1289917
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.4

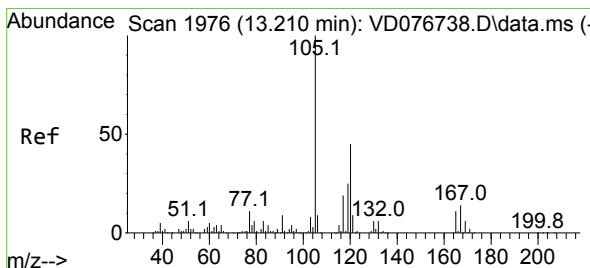
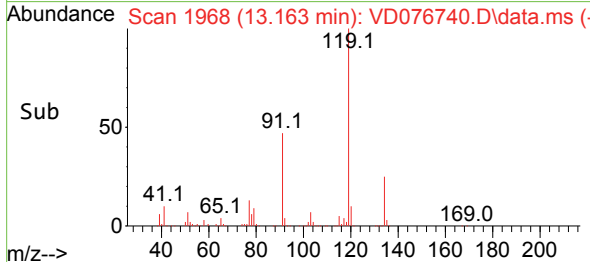
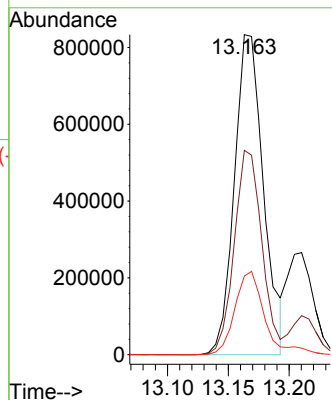
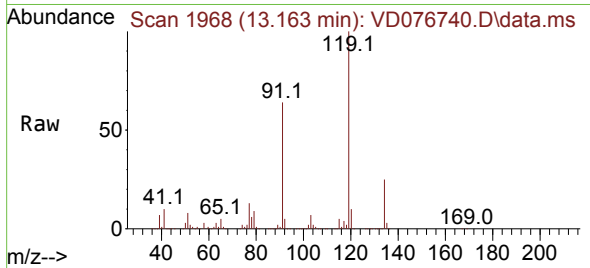




#83
tert-Butylbenzene
Concen: 156.643 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

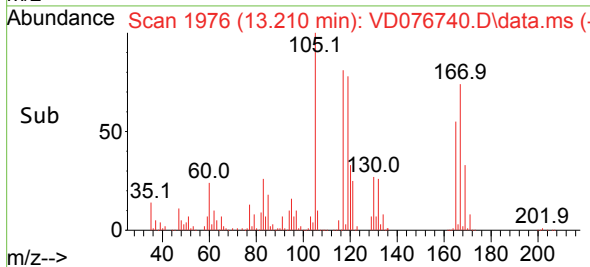
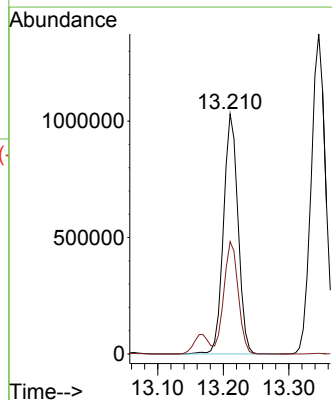
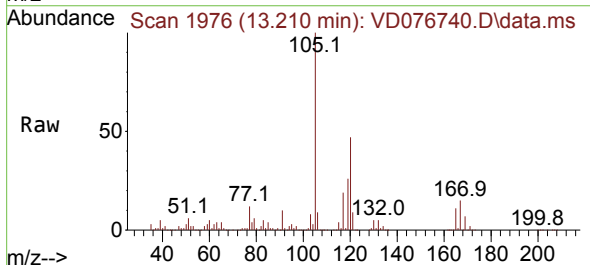
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

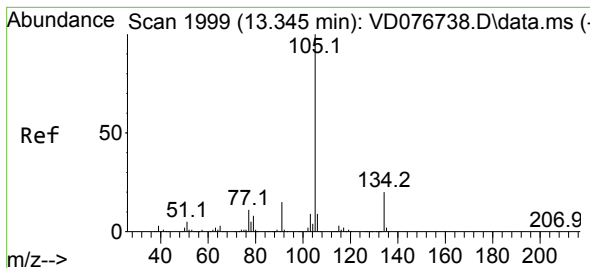
Tgt Ion:119 Resp: 1385565
Ion Ratio Lower Upper
119 100
91 60.7 29.3 87.8
134 26.7 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 154.568 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion:105 Resp: 1579912
Ion Ratio Lower Upper
105 100
120 45.9 24.3 72.9





#85

sec-Butylbenzene

Concen: 154.570 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

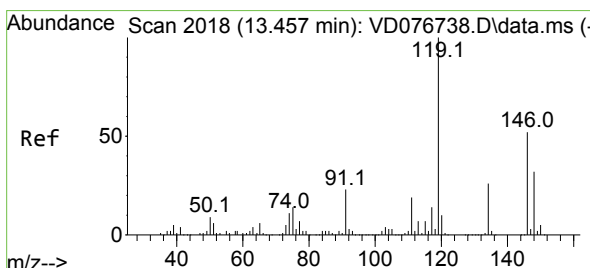
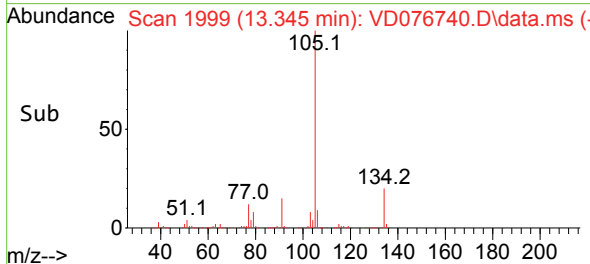
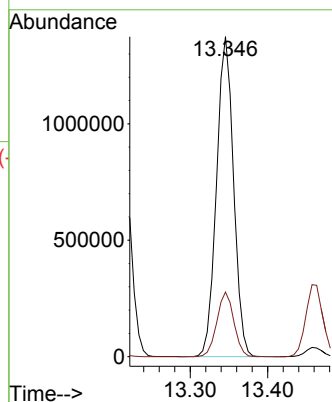
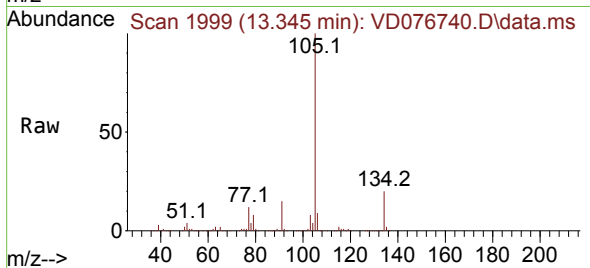
VSTDICC150

Tgt Ion:105 Resp: 2096414

Ion Ratio Lower Upper

105 100

134 20.1 10.9 32.9



#86

p-Isopropyltoluene

Concen: 160.154 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

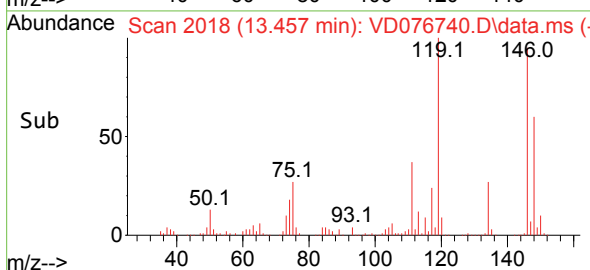
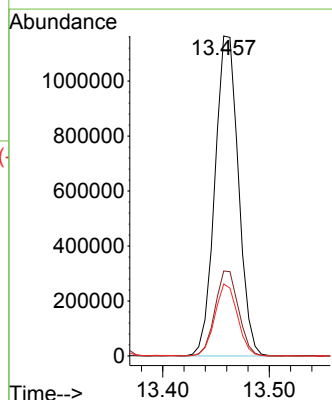
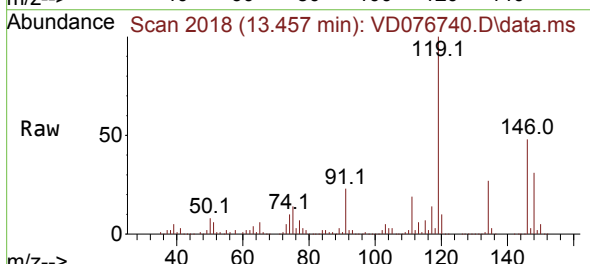
Tgt Ion:119 Resp: 1783540

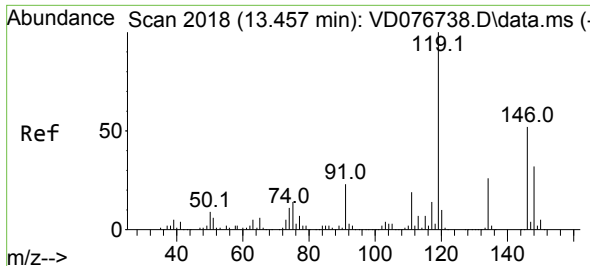
Ion Ratio Lower Upper

119 100

134 26.5 14.2 42.6

91 21.7 10.5 31.5

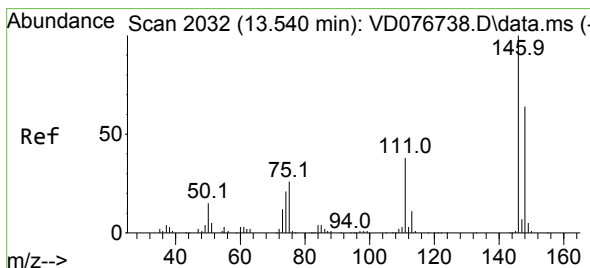
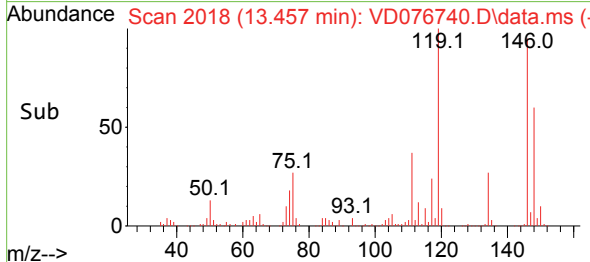
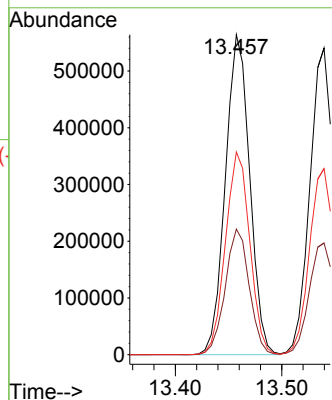
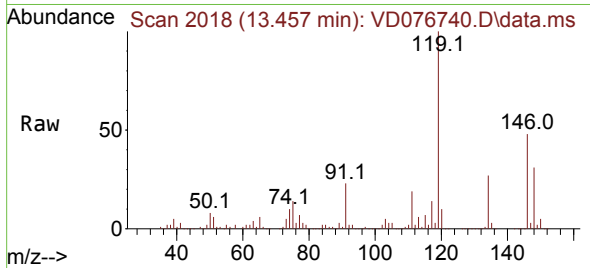




#87
1,3-Dichlorobenzene
Concen: 150.105 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

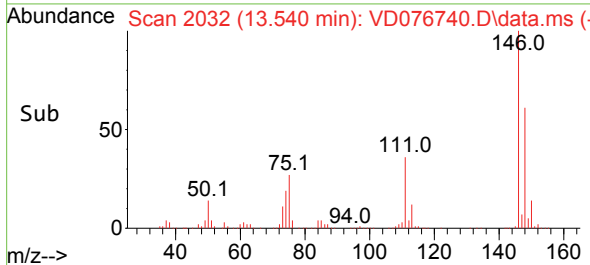
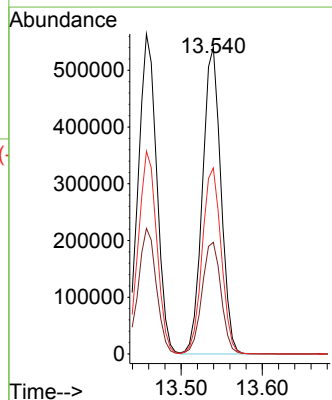
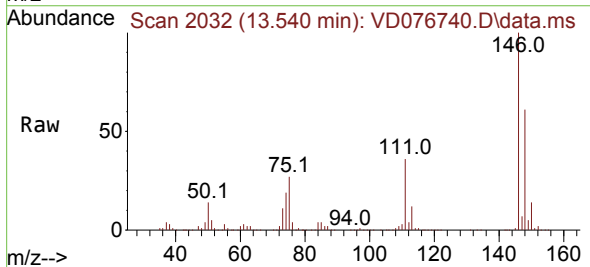
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

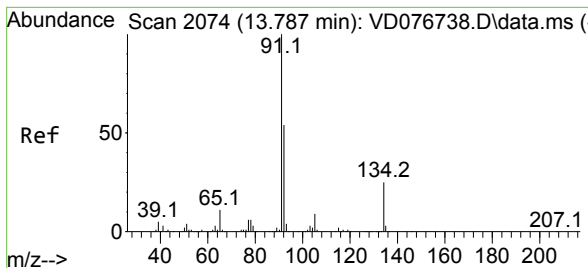
Tgt Ion:146 Resp: 894449
Ion Ratio Lower Upper
146 100
111 38.8 17.9 53.8
148 63.4 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 144.351 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion:146 Resp: 851544
Ion Ratio Lower Upper
146 100
111 37.6 17.4 52.3
148 62.7 31.7 95.1





#89

n-Butylbenzene

Concen: 154.813 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

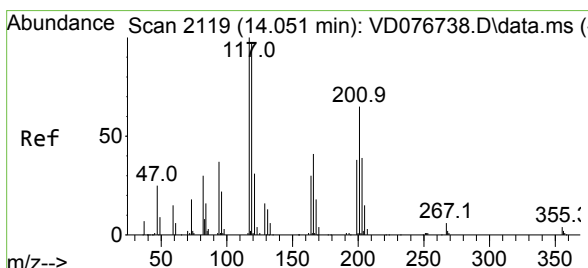
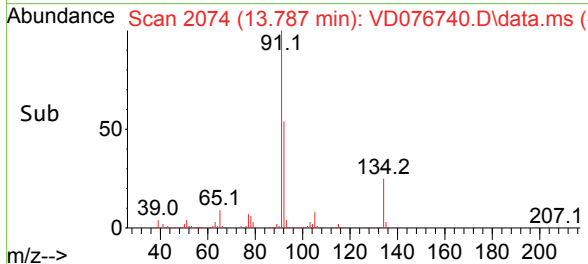
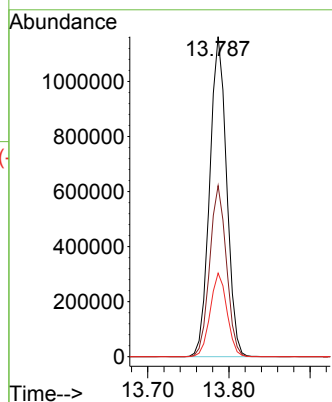
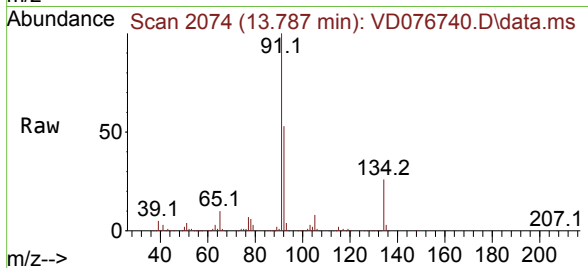
MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1681774

Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.5	79.5
134	25.8	13.8	41.3



#90

Hexachloroethane

Concen: 153.506 ug/l

RT: 14.051 min Scan# 2119

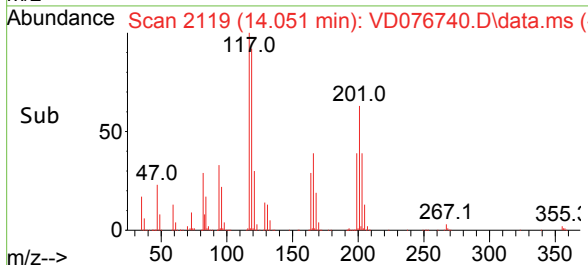
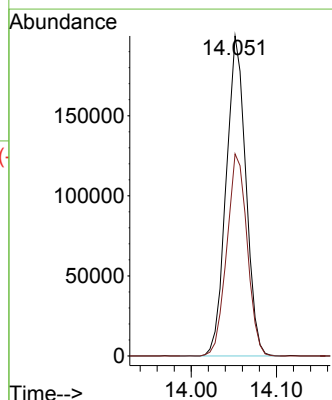
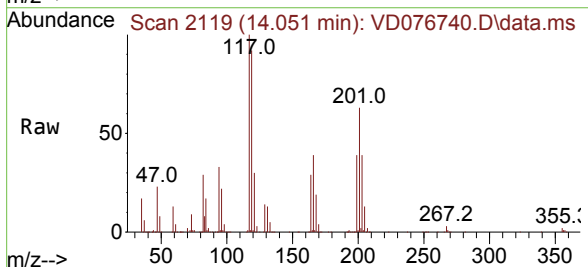
Delta R.T. 0.000 min

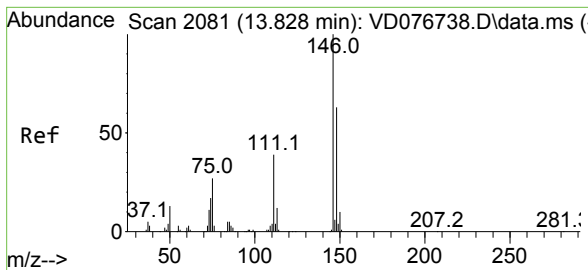
Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Tgt Ion: 117 Resp: 320425

Ion	Ratio	Lower	Upper
117	100		
201	65.5	38.5	115.5

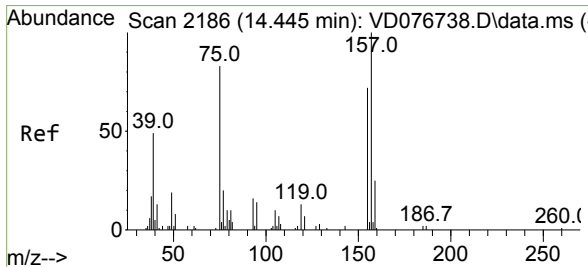
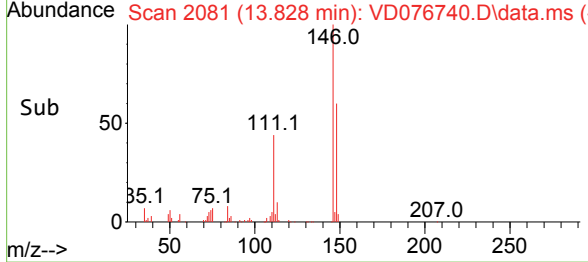
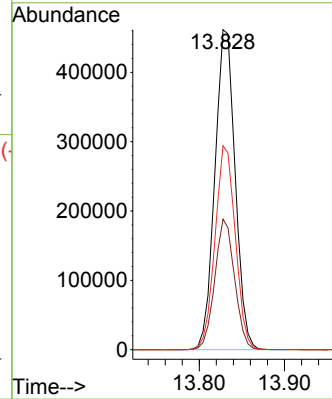
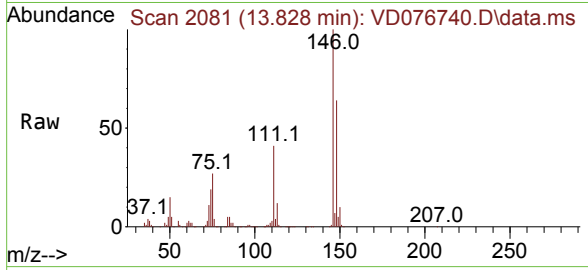




#91
 1,2-Dichlorobenzene
 Concen: 146.136 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD076740.D
 Acq: 14 Jul 2023 14:17

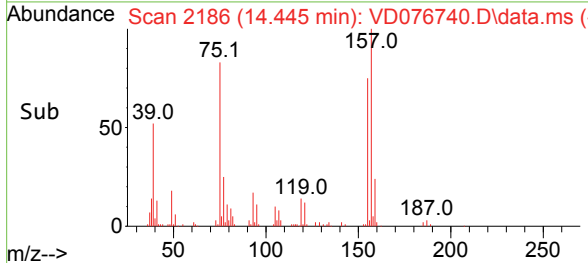
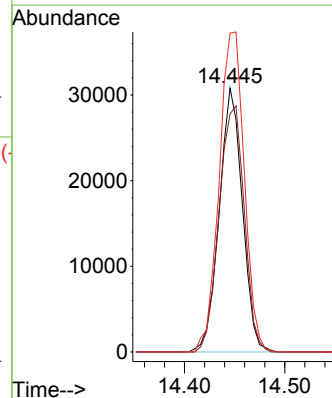
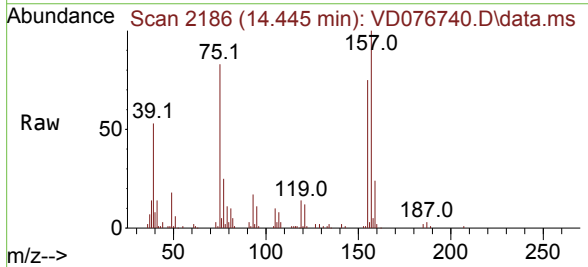
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

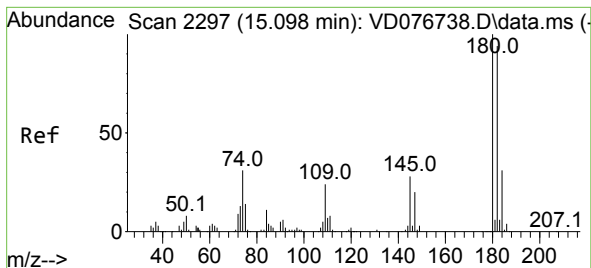
Tgt Ion:	146	Resp:	766488
Ion Ratio	Lower	Upper	
146	100		
111	39.7	18.3	54.8
148	63.8	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 127.468 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD076740.D
 Acq: 14 Jul 2023 14:17

Tgt Ion:	75	Resp:	49457
Ion Ratio	Lower	Upper	
75	100		
155	101.4	47.9	143.8
157	131.7	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 145.525 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

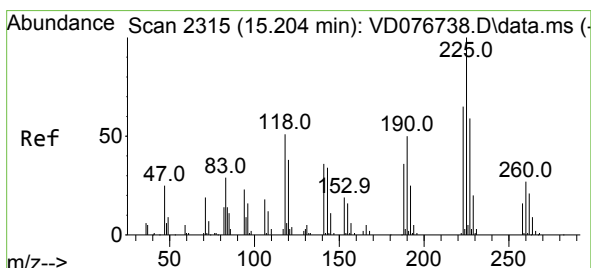
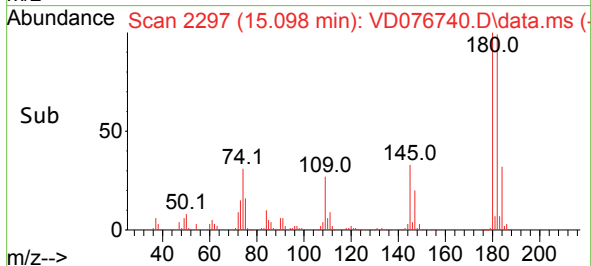
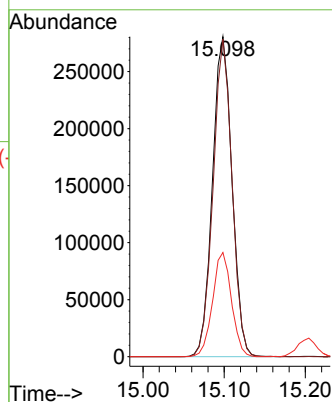
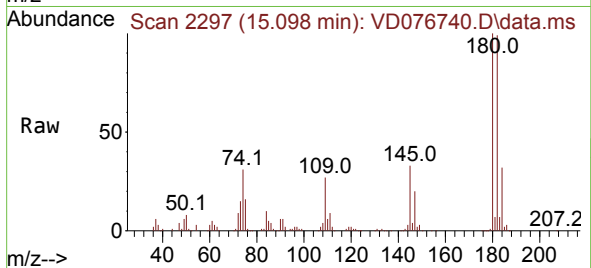
Tgt Ion:180 Resp: 468870

Ion Ratio Lower Upper

180 100

182 96.2 48.5 145.6

145 31.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 147.189 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

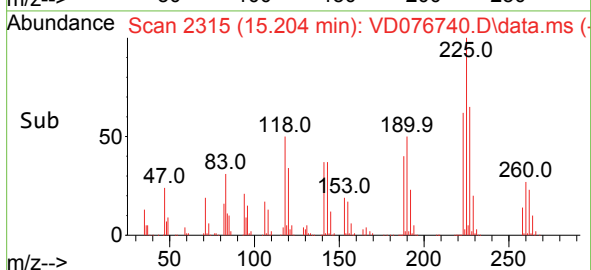
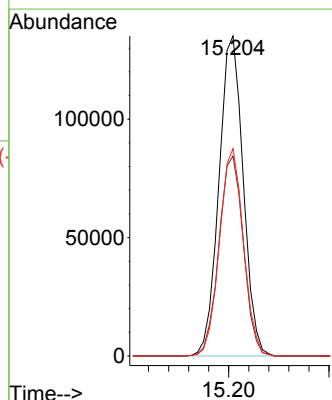
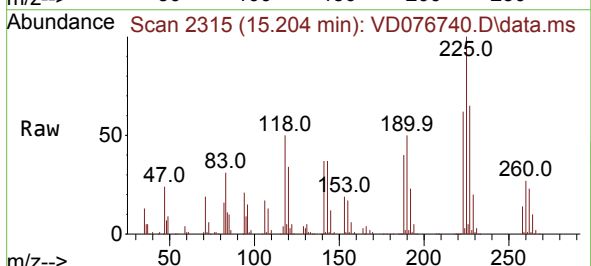
Tgt Ion:225 Resp: 226689

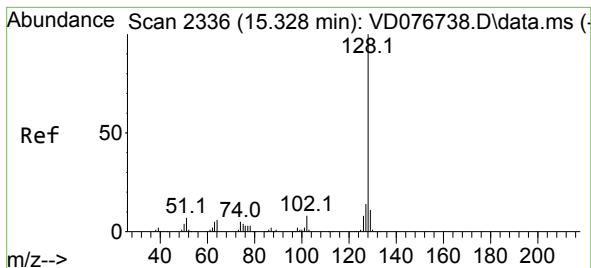
Ion Ratio Lower Upper

225 100

223 63.1 31.6 94.8

227 64.0 31.7 95.1





#95

Naphthalene

Concen: 152.533 ug/l

RT: 15.328 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

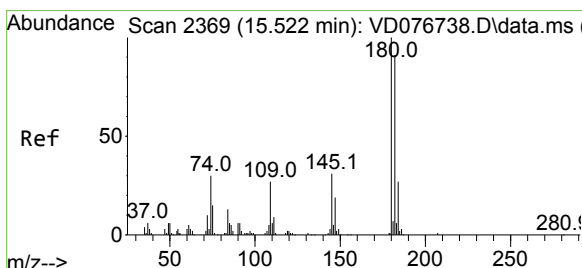
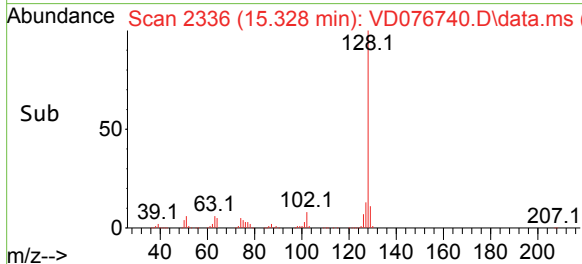
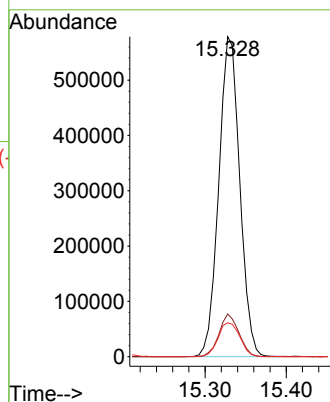
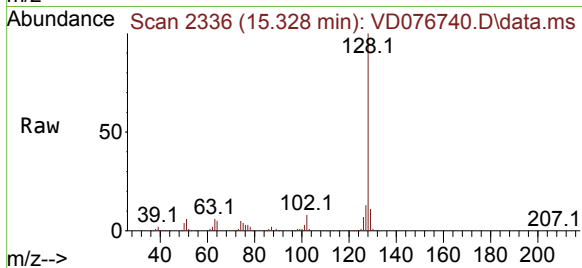
Tgt Ion:128 Resp: 1039946

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 146.480 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Tgt Ion:180 Resp: 417343

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.9

145 32.3 15.1 45.3

