

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060223\
 Data File : VD076311.D
 Acq On : 02 Jun 2023 13:20
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 03 02:19:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 05:50:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	240568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	388155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	356854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	178930	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102157	43.574	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.140%
35) Dibromofluoromethane	7.799	113	121761	47.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.040%
50) Toluene-d8	10.269	98	486929	49.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.575	95	132119	47.948	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	96041	43.832	ug/l	96
3) Chloromethane	2.146	50	205063	42.562	ug/l	100
4) Vinyl Chloride	2.275	62	247977	42.892	ug/l	99
5) Bromomethane	2.681	94	153832	56.357	ug/l	99
6) Chloroethane	2.828	64	164689	46.212	ug/l	100
7) Trichlorofluoromethane	3.164	101	170764	43.056	ug/l	98
8) Diethyl Ether	3.587	74	62297	44.272	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.958	101	112308	43.519	ug/l	98
10) Methyl Iodide	4.152	142	145615	48.267	ug/l	99
11) Tert butyl alcohol	5.058	59	29785	199.559	ug/l #	86
12) 1,1-Dichloroethene	3.934	96	120114	44.823	ug/l	95
13) Acrolein	3.793	56	32793	214.506	ug/l	99
14) Allyl chloride	4.552	41	125979	47.448	ug/l	98
15) Acrylonitrile	5.252	53	122217	210.000	ug/l	99
16) Acetone	4.016	43	93034	259.163	ug/l	94
17) Carbon Disulfide	4.263	76	387917	43.477	ug/l	97
18) Methyl Acetate	4.552	43	80537	40.785	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	245584	45.414	ug/l	99
20) Methylene Chloride	4.787	84	144298	43.506	ug/l	96
21) trans-1,2-Dichloroethene	5.299	96	142665	45.817	ug/l	99
22) Diisopropyl ether	6.210	45	296856	47.109	ug/l	99
23) Vinyl Acetate	6.146	43	582664	196.285	ug/l	99
24) 1,1-Dichloroethane	6.105	63	214502	43.443	ug/l	98
25) 2-Butanone	7.075	43	128258	209.655	ug/l	93
26) 2,2-Dichloropropane	7.069	77	174667	44.770	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	155568	45.596	ug/l	100
28) Bromochloromethane	7.416	49	84234	44.339	ug/l	99
29) Tetrahydrofuran	7.440	42	82807	220.283	ug/l	99
30) Chloroform	7.587	83	228757	44.038	ug/l	95
31) Cyclohexane	7.869	56	156242	43.295	ug/l	99
32) 1,1,1-Trichloroethane	7.787	97	181509	44.716	ug/l	97
36) 1,1-Dichloropropene	8.004	75	166529	46.997	ug/l	99
37) Ethyl Acetate	7.163	43	59722	44.450	ug/l	97
38) Carbon Tetrachloride	7.987	117	148015	48.507	ug/l	97
39) Methylcyclohexane	9.269	83	192936	48.325	ug/l	100
40) Benzene	8.246	78	528729	47.013	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	29275	43.188	ug/l #	87
42) 1,2-Dichloroethane	8.322	62	124330	45.490	ug/l	98
43) Isopropyl Acetate	8.357	43	106427	43.993	ug/l	100
44) Trichloroethene	9.022	130	144853	46.610	ug/l	99
45) 1,2-Dichloropropane	9.299	63	126141	46.465	ug/l	100
46) Dibromomethane	9.393	93	72850	45.728	ug/l	100
47) Bromodichloromethane	9.581	83	172229	46.145	ug/l	100
48) Methyl methacrylate	9.375	41	45692	43.991	ug/l	96
49) 1,4-Dioxane	9.381	88	16941	878.297	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	284695	222.434	ug/l	99
52) Toluene	10.328	92	335442	48.738	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	161191	46.186	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	199725	48.443	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	99732	43.977	ug/l	95
56) Ethyl methacrylate	10.598	69	110096	42.891	ug/l	99
57) 1,3-Dichloropropane	10.875	76	161262	45.086	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	283158	231.220	ug/l	100
59) 2-Hexanone	10.922	43	196072	230.162	ug/l	100
60) Dibromochloromethane	11.075	129	116408	44.789	ug/l	95
61) 1,2-Dibromoethane	11.181	107	93044	44.403	ug/l	98
64) Tetrachloroethene	10.810	164	121092	47.629	ug/l	98
65) Chlorobenzene	11.604	112	363016	47.320	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	123243	46.430	ug/l	99
67) Ethyl Benzene	11.681	91	607331	49.550	ug/l	97
68) m/p-Xylenes	11.793	106	497791	98.176	ug/l	97
69) o-Xylene	12.122	106	231313	49.724	ug/l	100
70) Styrene	12.134	104	399980	49.820	ug/l	99
71) Bromoform	12.298	173	67965	45.200	ug/l #	99
73) Isopropylbenzene	12.422	105	561340	51.506	ug/l	100
74) N-amyl acetate	12.234	43	100535	47.205	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	108536	43.659	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	130752	81.226	ug/l #	100
77) Bromobenzene	12.698	156	149500	49.617	ug/l	99
78) n-propylbenzene	12.763	91	686900	50.488	ug/l	100
79) 2-Chlorotoluene	12.851	91	375073	49.424	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	471177	51.938	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	35205	50.168	ug/l	91
82) 4-Chlorotoluene	12.945	91	402572	49.478	ug/l	99
83) tert-Butylbenzene	13.169	119	395598	51.329	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	476724	51.486	ug/l	98
85) sec-Butylbenzene	13.345	105	590972	50.456	ug/l	100
86) p-Isopropyltoluene	13.463	119	499325	50.976	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	299109	49.040	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	291229	47.018	ug/l	99
89) n-Butylbenzene	13.787	91	455474	50.628	ug/l	99
90) Hexachloroethane	14.051	117	94729	47.822	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	258814	48.231	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	14583	45.365	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	150920	49.145	ug/l	99
94) Hexachlorobutadiene	15.204	225	67817	47.116	ug/l	99
95) Naphthalene	15.334	128	293658	43.562	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	137621	48.814	ug/l	99

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QLast Update : Fri Jun 02 05:50:45 2023
Response via : Initial Calibration

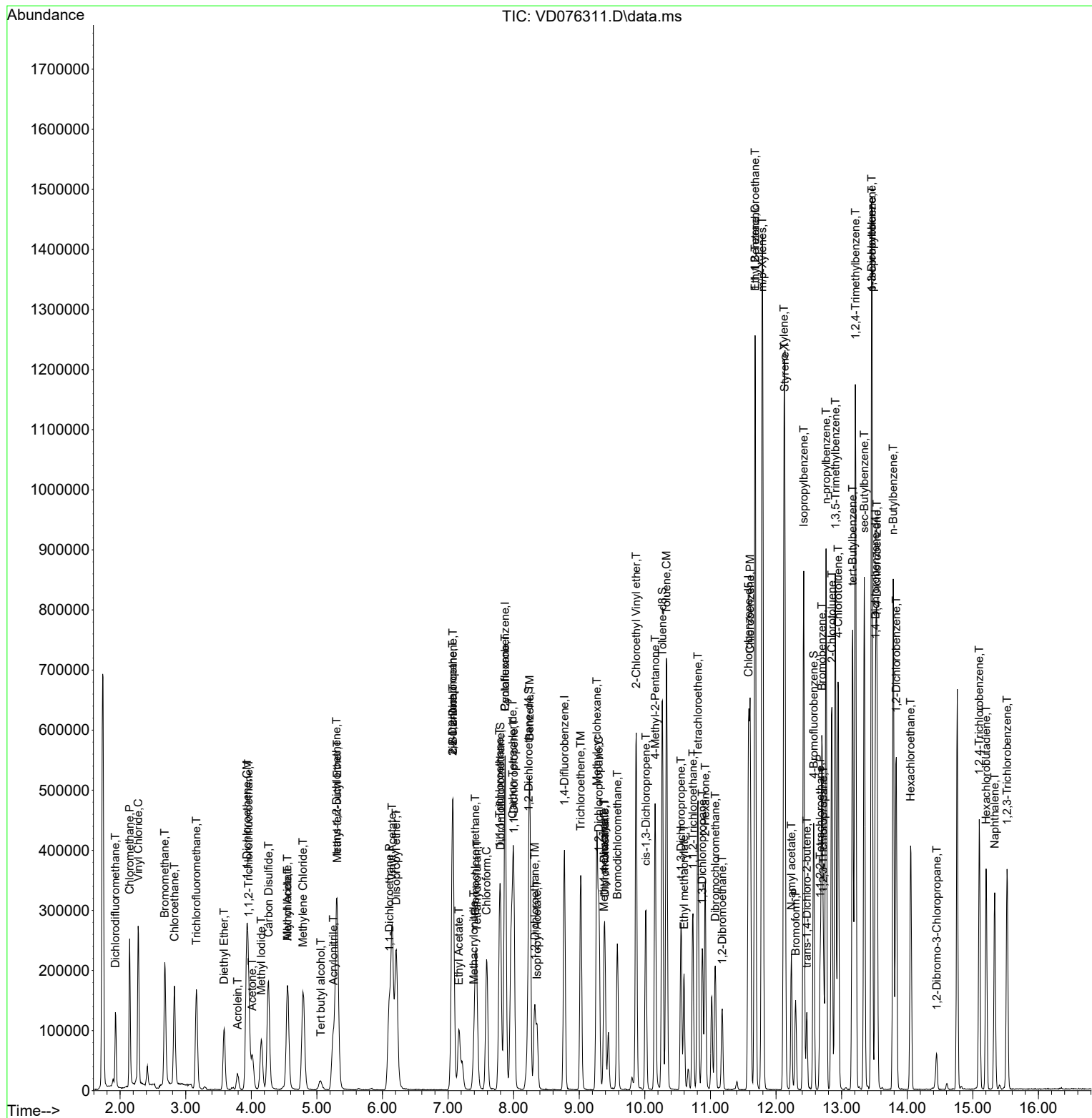
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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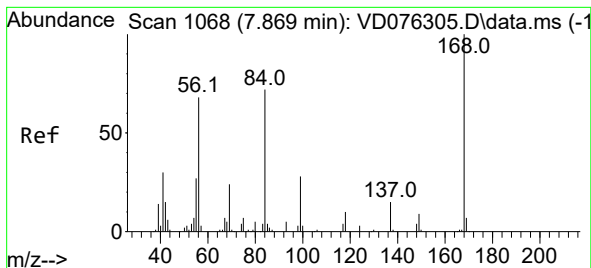
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VD076311.D

Acq: 02 Jun 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

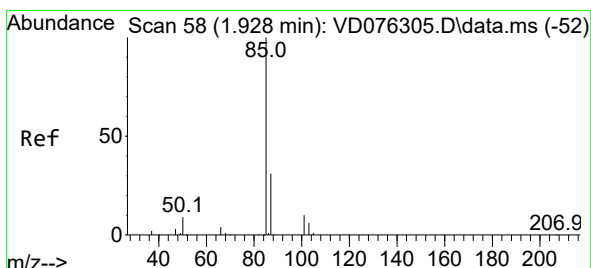
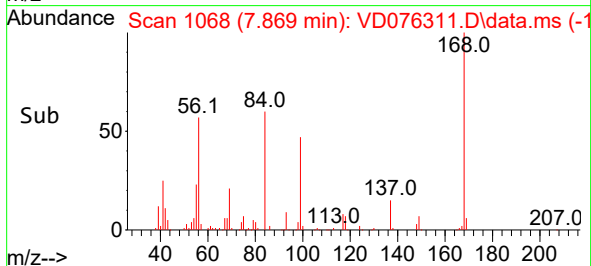
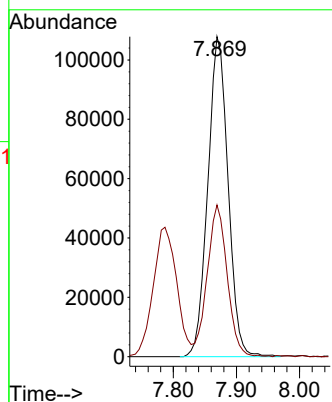
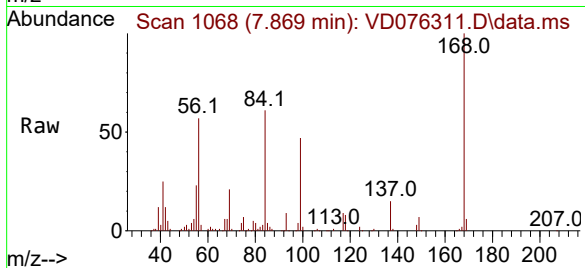
VSTDCCC050

Tgt Ion:168 Resp: 240568

Ion Ratio Lower Upper

168 100

99 47.1 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 43.832 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076311.D

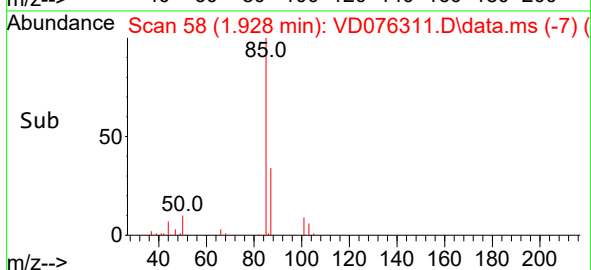
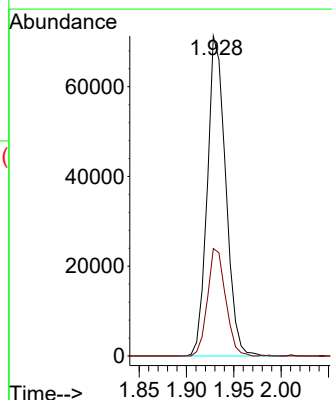
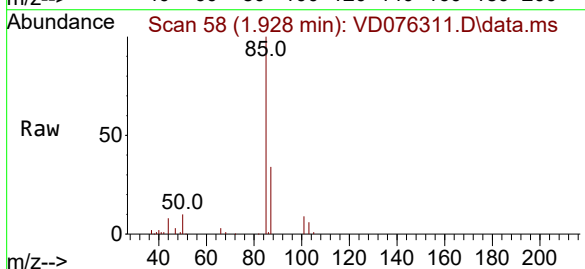
Acq: 02 Jun 2023 13:20

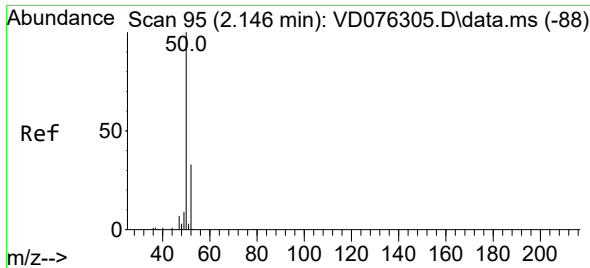
Tgt Ion: 85 Resp: 96041

Ion Ratio Lower Upper

85 100

87 33.6 15.7 47.0

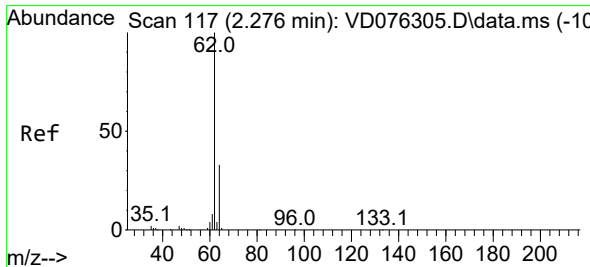
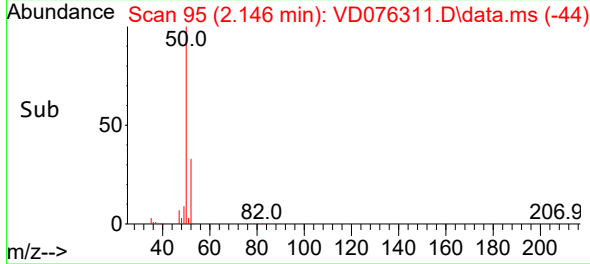
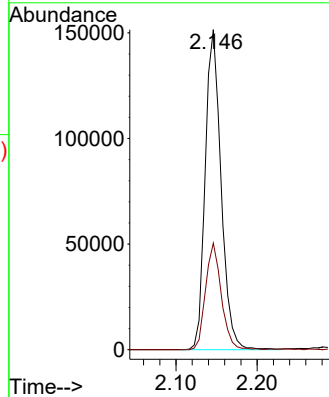
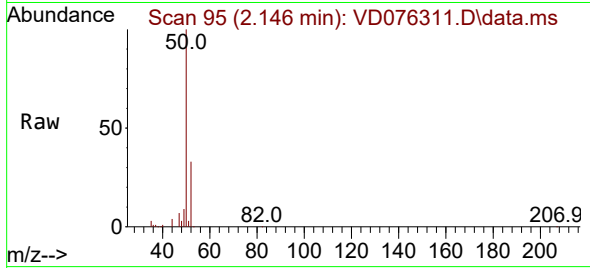




#3
Chloromethane
Concen: 42.562 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076311.D
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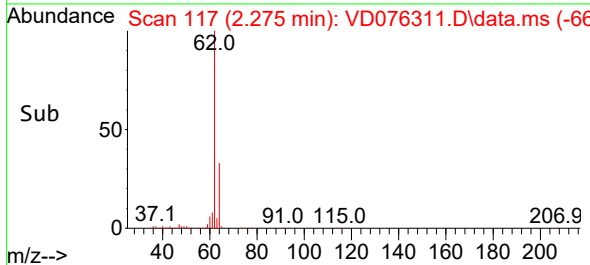
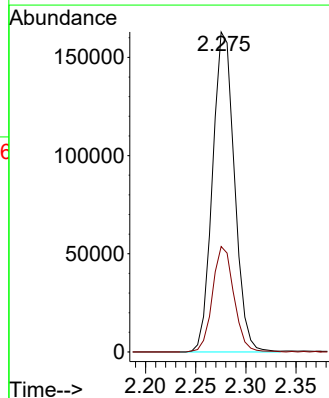
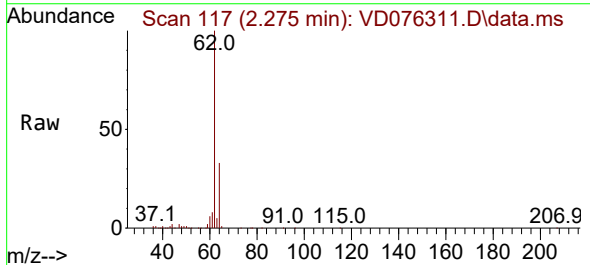
Instrument :
MSVOA_D
ClientSampleId :
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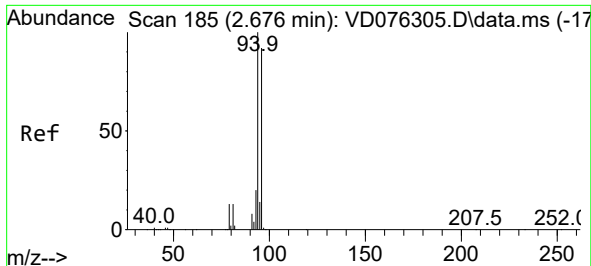
Tgt Ion: 50 Resp: 205063
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 42.892 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 62 Resp: 247977
Ion Ratio Lower Upper
62 100
64 32.9 26.0 39.0

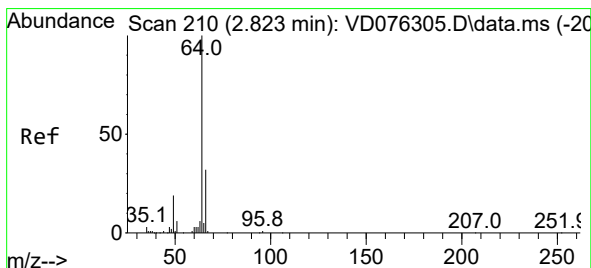
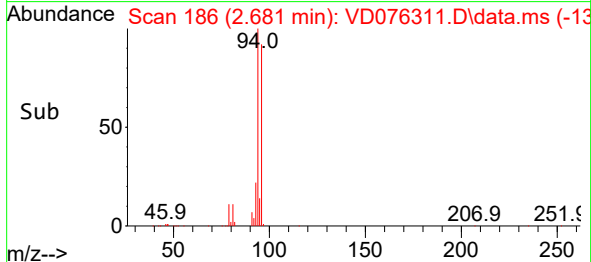
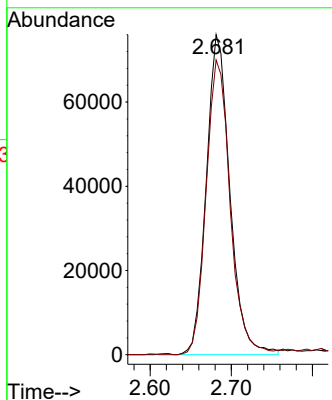
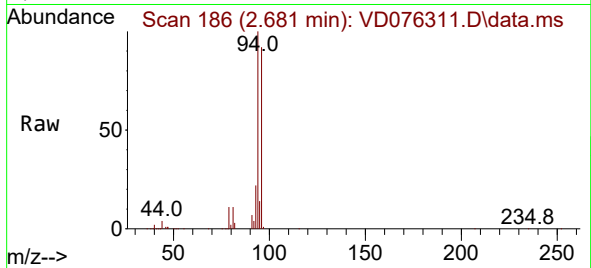




#5
Bromomethane
Concen: 56.357 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.005 min
Lab File: VD076311.D
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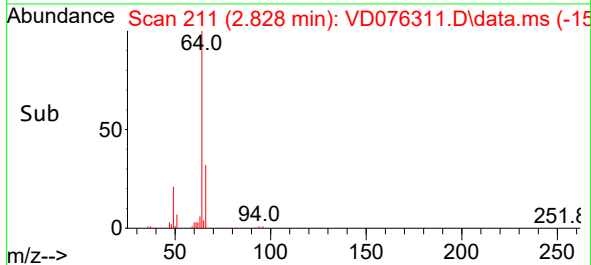
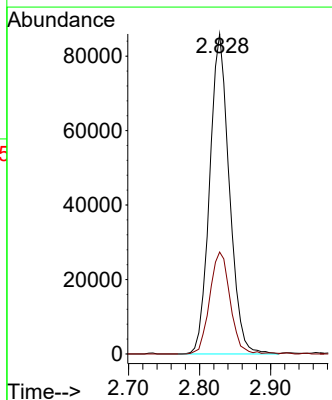
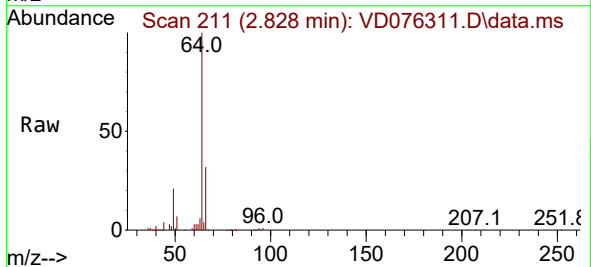
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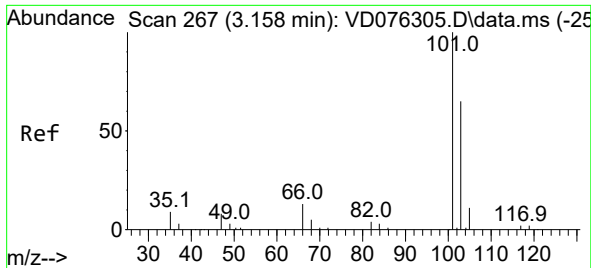
Tgt Ion: 94 Resp: 153832
Ion Ratio Lower Upper
94 100
96 93.4 75.8 113.8



#6
Chloroethane
Concen: 46.212 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.005 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 64 Resp: 164689
Ion Ratio Lower Upper
64 100
66 31.8 25.5 38.3

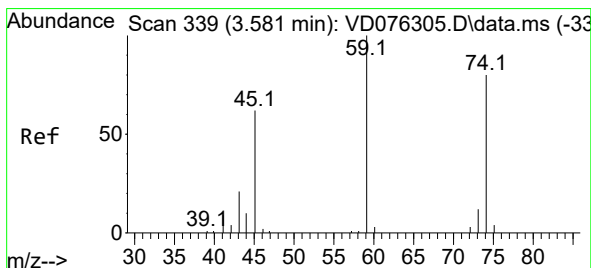
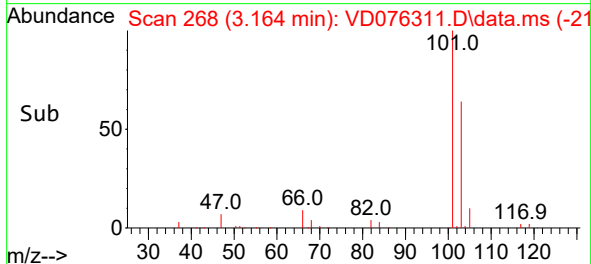
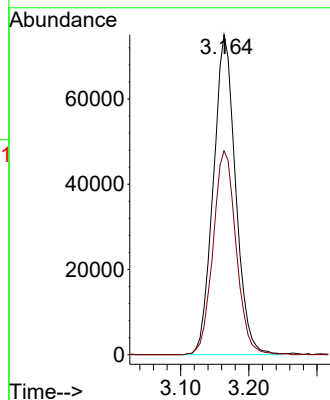
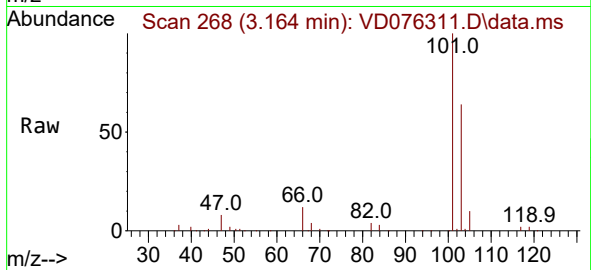




#7
 Trichlorofluoromethane
 Concen: 43.056 ug/l
 RT: 3.164 min Scan# 2
 Delta R.T. 0.006 min
 Lab File: VD076311.D
 Acq: 02 Jun 2023 13:20

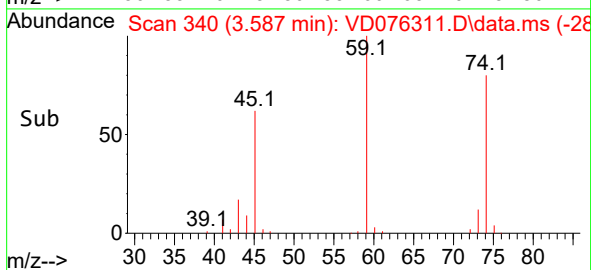
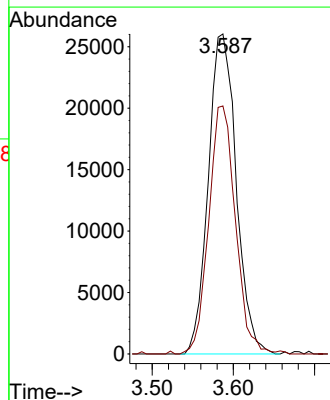
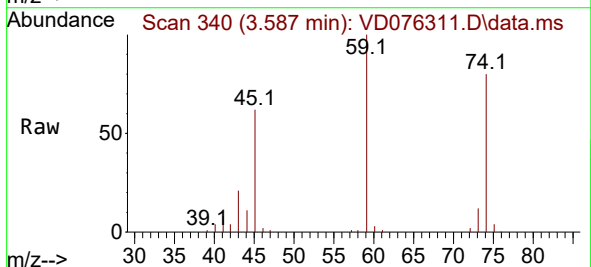
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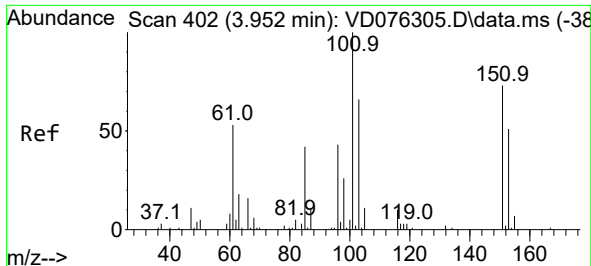
Tgt Ion:101 Resp: 170764
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.3 78.5



#8
 Diethyl Ether
 Concen: 44.272 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.006 min
 Lab File: VD076311.D
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Tgt Ion: 74 Resp: 62297
 Ion Ratio Lower Upper
 74 100
 45 74.2 37.5 112.7

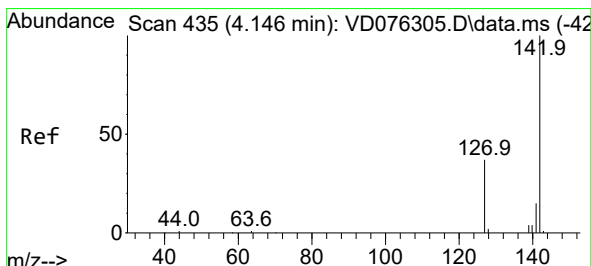
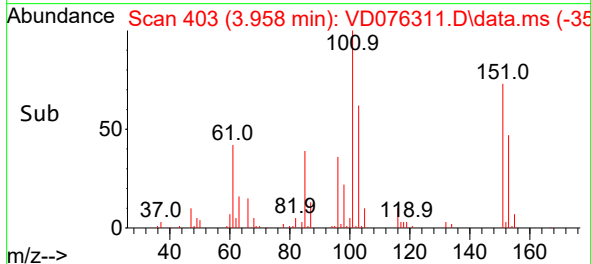
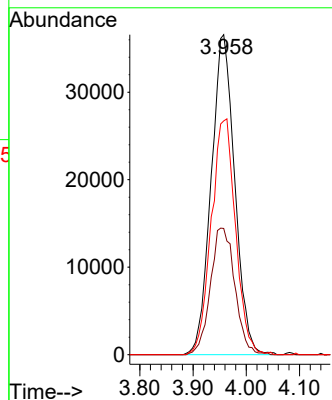
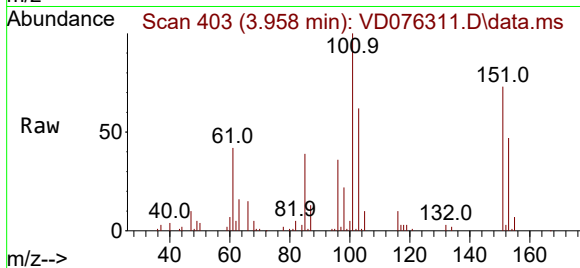




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.519 ug/l
RT: 3.958 min Scan# 40
Delta R.T. 0.006 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

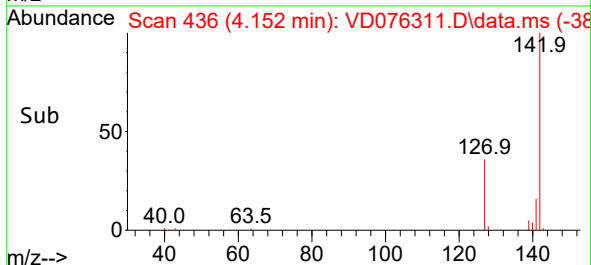
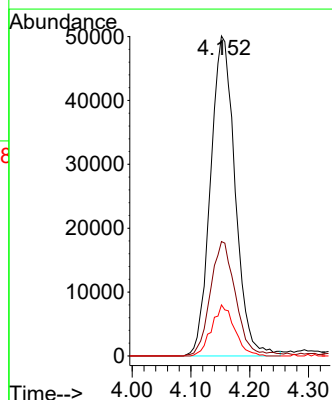
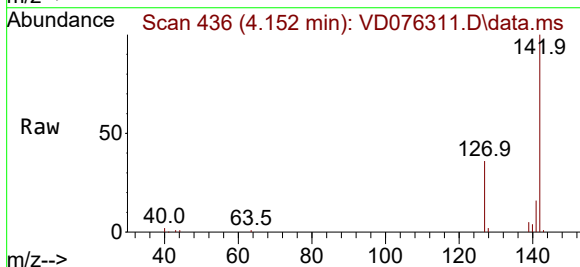
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

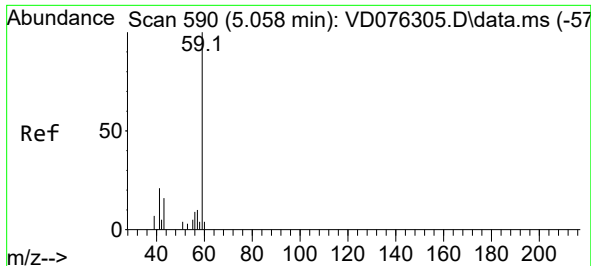
Tgt Ion:101 Resp: 112308
Ion Ratio Lower Upper
101 100
85 41.0 33.8 50.6
151 75.9 59.8 89.6



#10
Methyl Iodide
Concen: 48.267 ug/l
RT: 4.152 min Scan# 436
Delta R.T. 0.006 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion:142 Resp: 145615
Ion Ratio Lower Upper
142 100
127 36.8 29.4 44.0
141 14.9 11.1 16.7

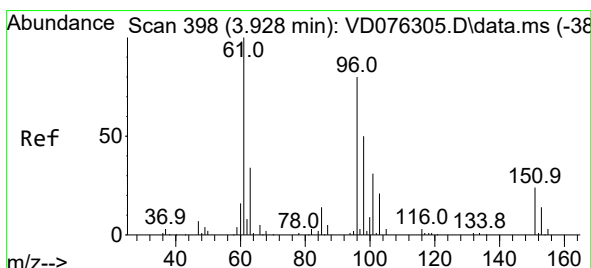
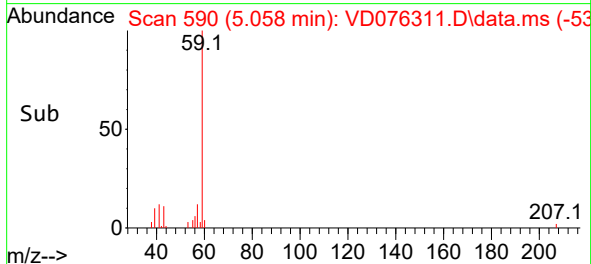
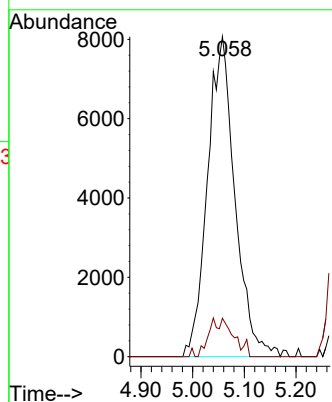
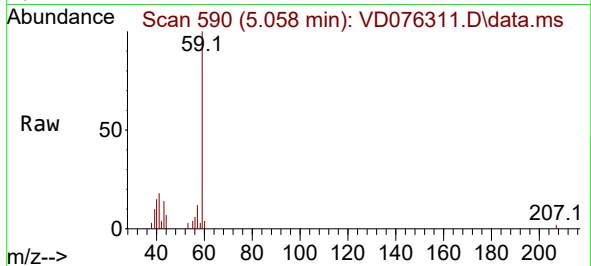




#11
Tert butyl alcohol
Concen: 199.559 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

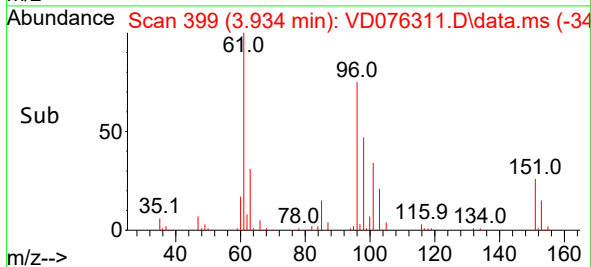
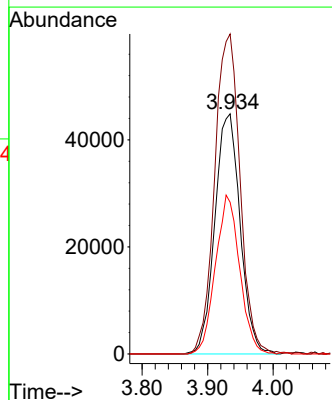
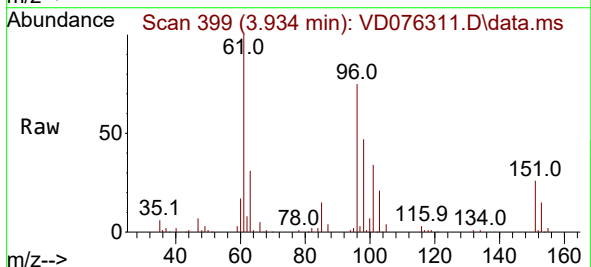
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

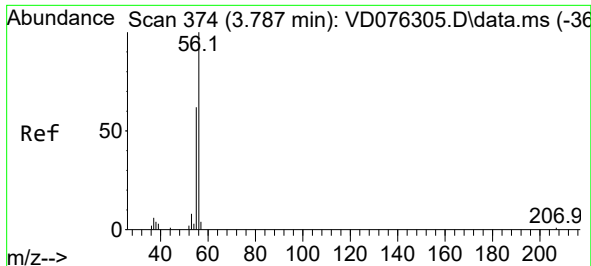
Tgt Ion: 59 Resp: 29785
Ion Ratio Lower Upper
59 100
57 4.8 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 44.823 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 96 Resp: 120114
Ion Ratio Lower Upper
96 100
61 133.2 100.6 150.8
98 63.2 50.2 75.2

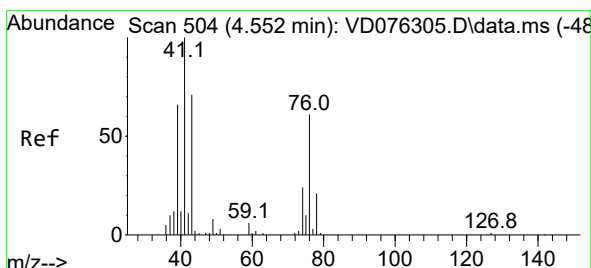
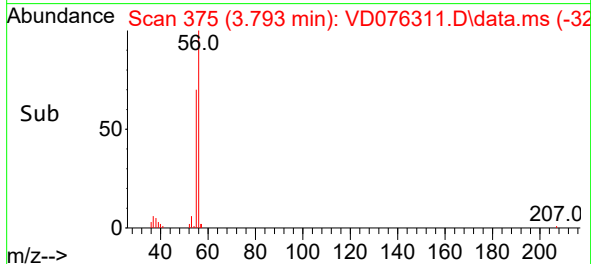
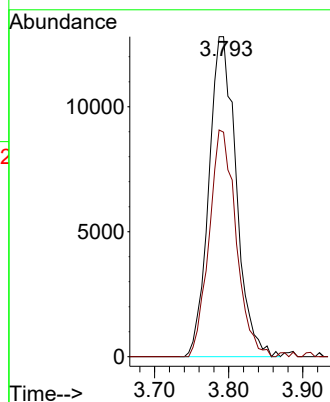
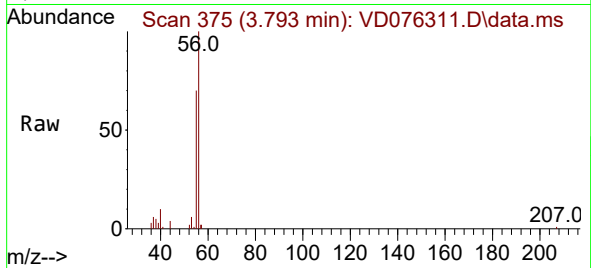




#13
Acrolein
Concen: 214.506 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

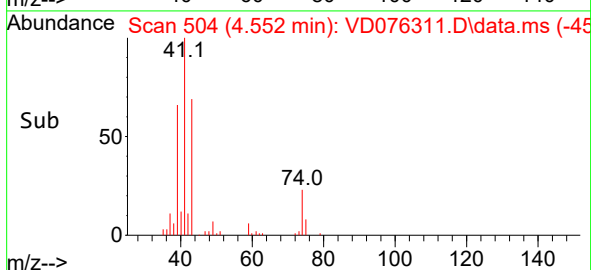
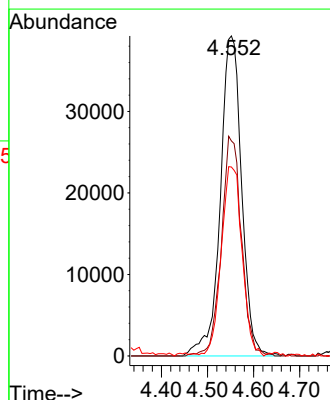
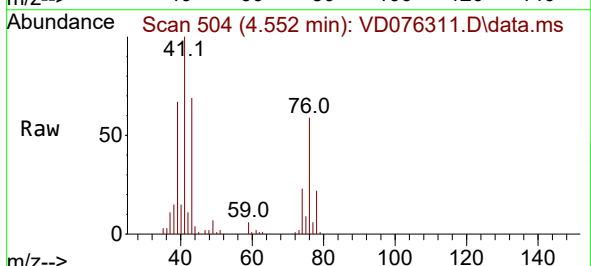
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

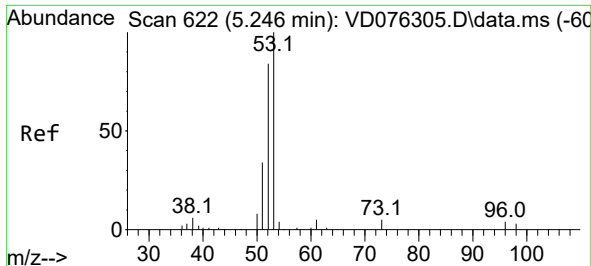
Tgt Ion: 56 Resp: 32793
Ion Ratio Lower Upper
56 100
55 69.7 55.1 82.7



#14
Allyl chloride
Concen: 47.448 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 41 Resp: 125979
Ion Ratio Lower Upper
41 100
39 64.5 53.8 80.6
76 57.5 45.8 68.8

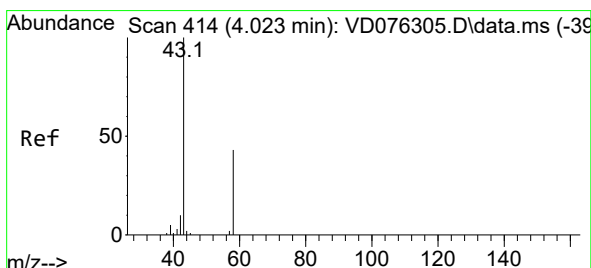
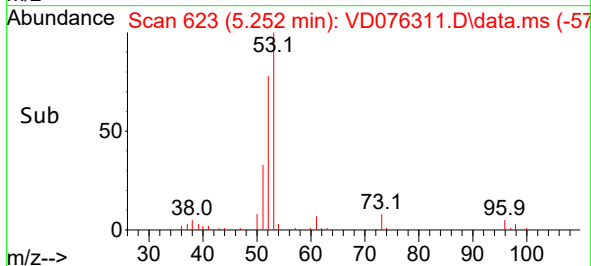
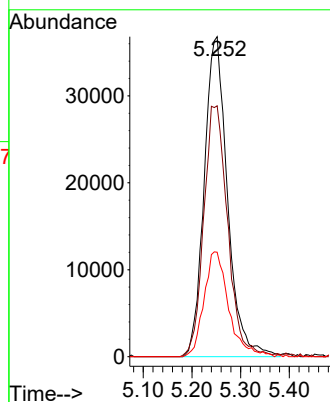
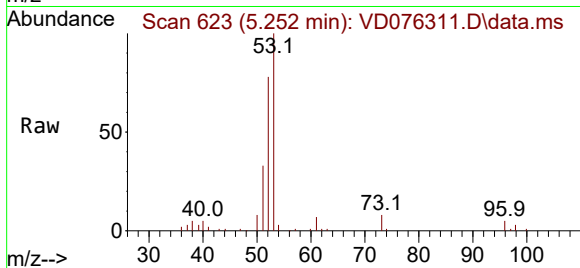




#15
Acrylonitrile
Concen: 210.000 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

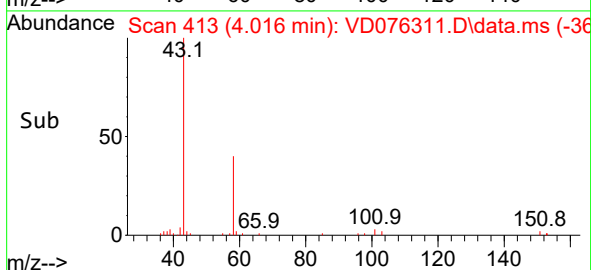
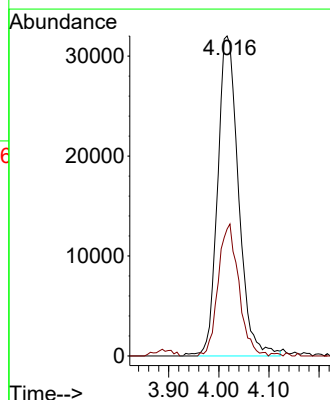
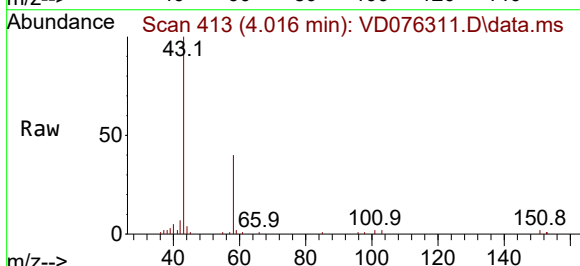
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

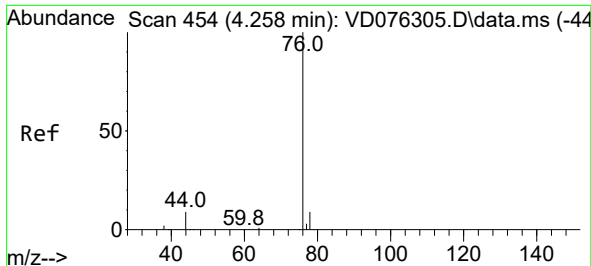
Tgt Ion: 53 Resp: 122217
Ion Ratio Lower Upper
53 100
52 80.6 65.0 97.4
51 34.7 28.3 42.5



#16
Acetone
Concen: 259.163 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.007 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 43 Resp: 93034
Ion Ratio Lower Upper
43 100
58 39.7 34.7 52.1

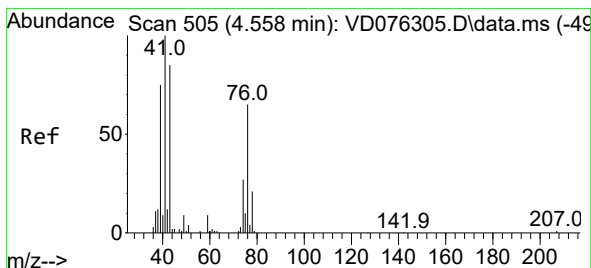
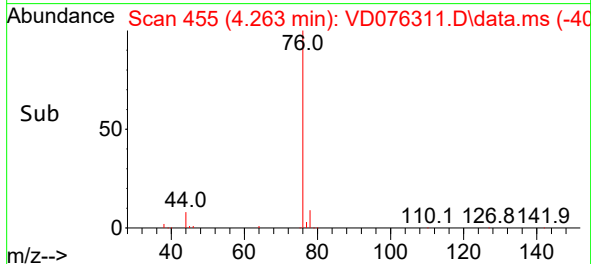
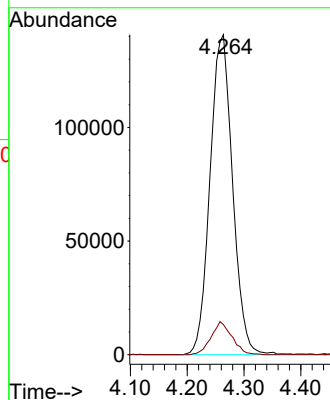
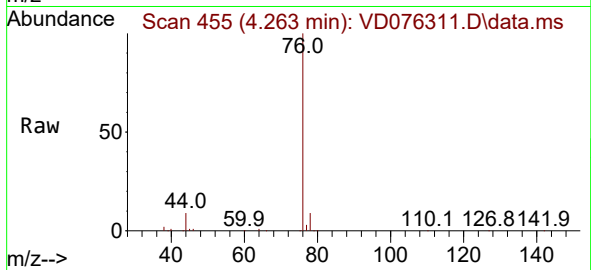




#17
Carbon Disulfide
Concen: 43.477 ug/l
RT: 4.263 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

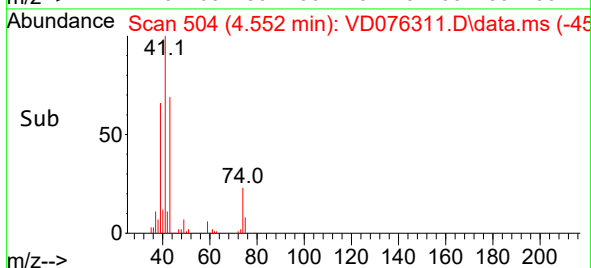
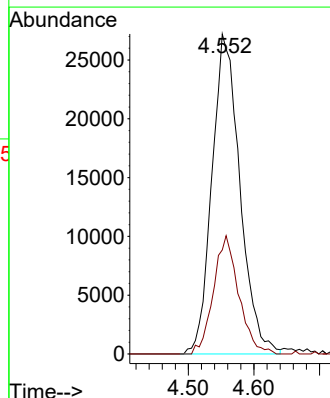
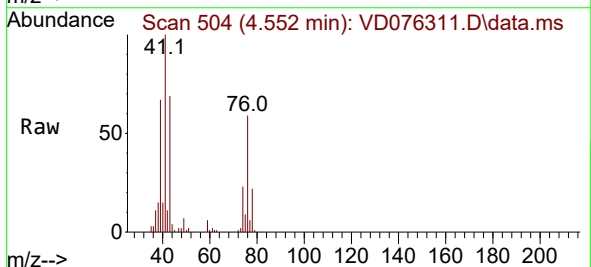
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

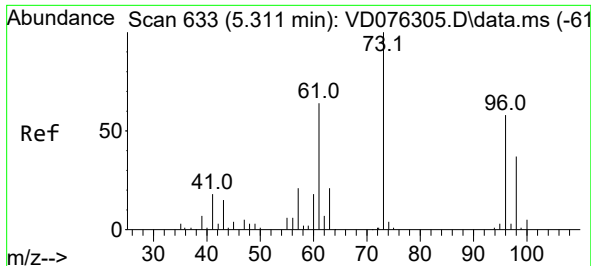
Tgt Ion: 76 Resp: 387917
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 40.785 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 43 Resp: 80537
Ion Ratio Lower Upper
43 100
74 33.4 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 45.414 ug/l

RT: 5.311 min Scan# 611

Delta R.T. -0.000 min

Lab File: VD076311.D

Acq: 02 Jun 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

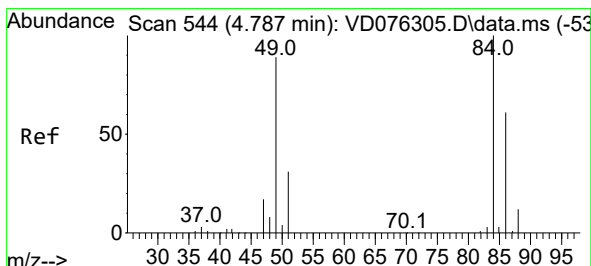
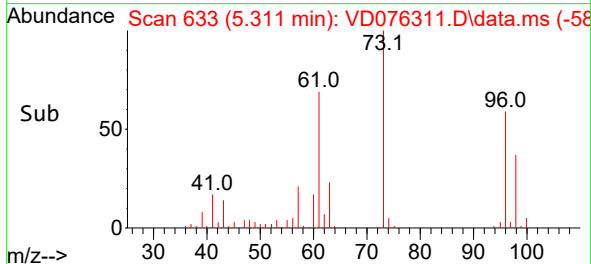
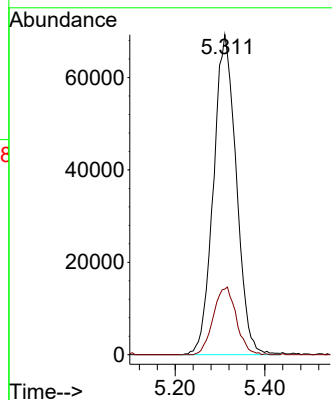
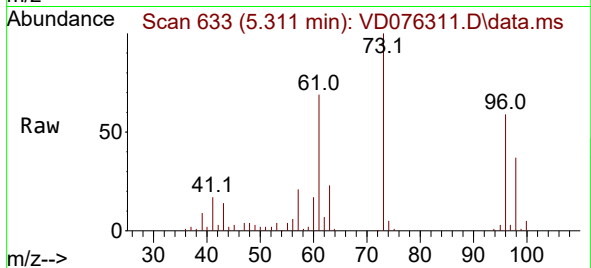
VSTDCCC050

Tgt Ion: 73 Resp: 245584

Ion Ratio Lower Upper

73 100

57 20.5 16.6 25.0



#20

Methylene Chloride

Concen: 43.506 ug/l

RT: 4.787 min Scan# 544

Delta R.T. 0.000 min

Lab File: VD076311.D

Acq: 02 Jun 2023 13:20

Tgt Ion: 84 Resp: 144298

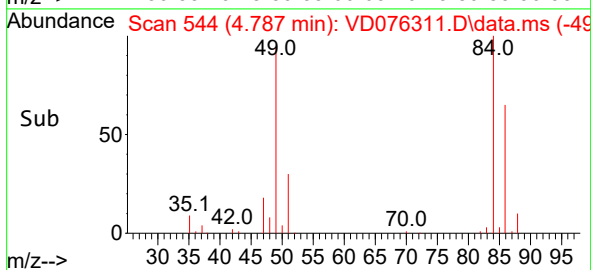
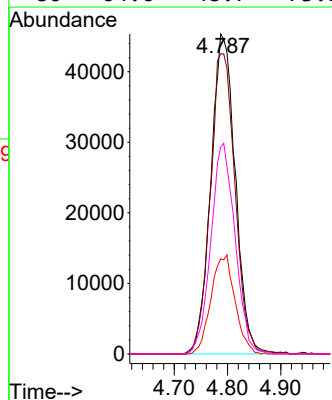
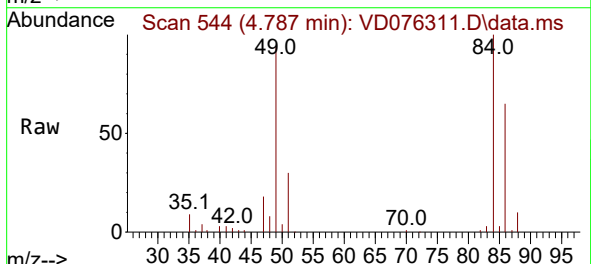
Ion Ratio Lower Upper

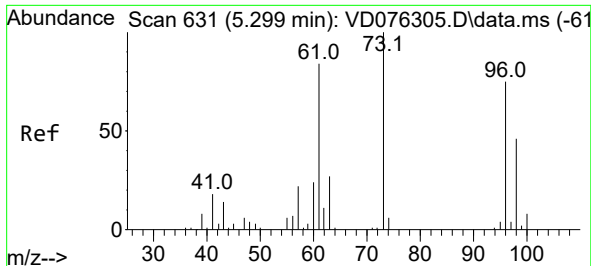
84 100

49 93.8 71.4 107.2

51 29.8 24.5 36.7

86 64.6 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 45.817 ug/l

RT: 5.299 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD076311.D

Acq: 02 Jun 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

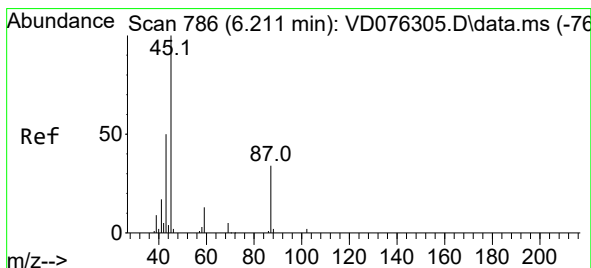
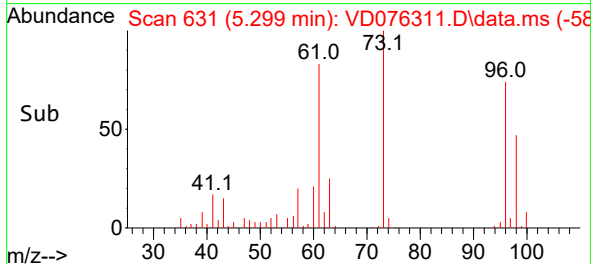
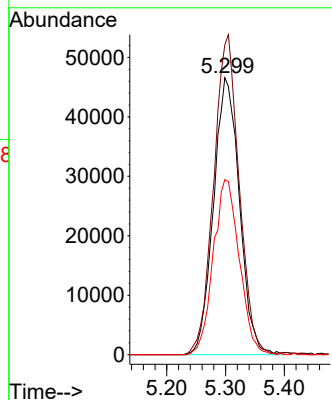
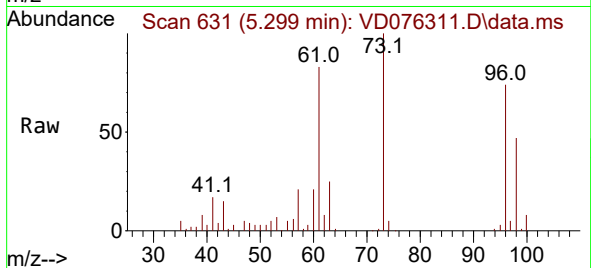
Tgt Ion: 96 Resp: 142665

Ion Ratio Lower Upper

96 100

61 111.9 89.3 133.9

98 63.2 48.6 73.0



#22

Diisopropyl ether

Concen: 47.109 ug/l

RT: 6.210 min Scan# 786

Delta R.T. -0.000 min

Lab File: VD076311.D

Acq: 02 Jun 2023 13:20

Tgt Ion: 45 Resp: 296856

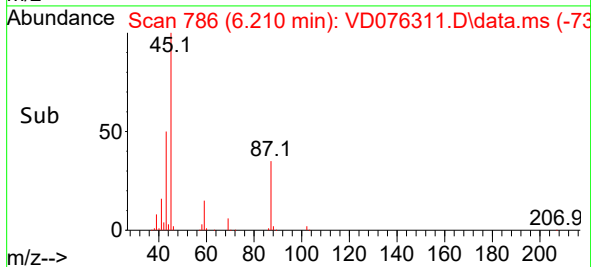
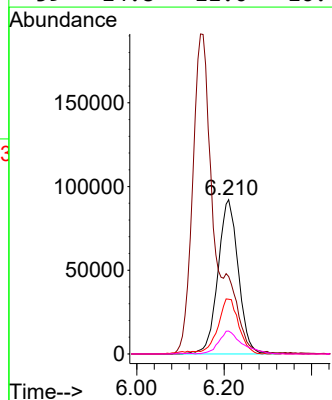
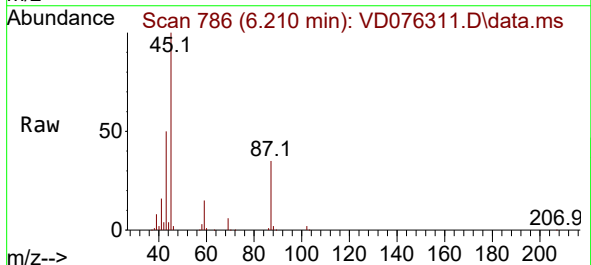
Ion Ratio Lower Upper

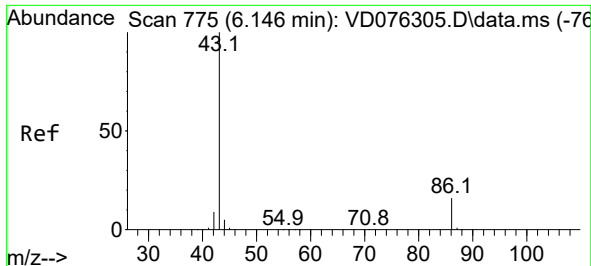
45 100

43 49.4 40.0 60.0

87 35.5 28.2 42.4

59 14.8 11.0 16.4

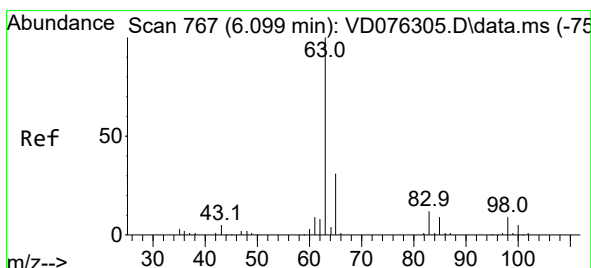
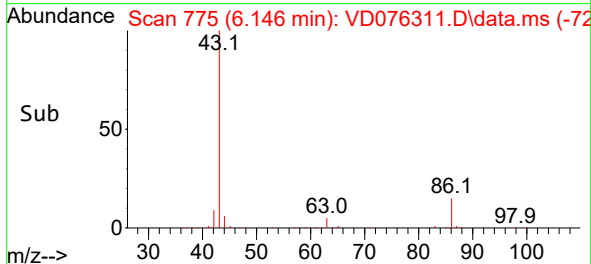
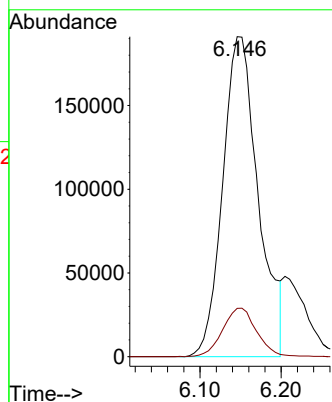
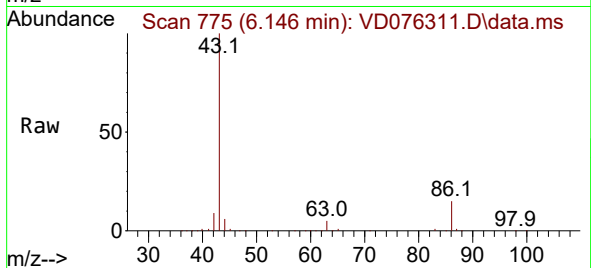




#23
 Vinyl Acetate
 Concen: 196.285 ug/l
 RT: 6.146 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VD076311.D
 Acq: 02 Jun 2023 13:20

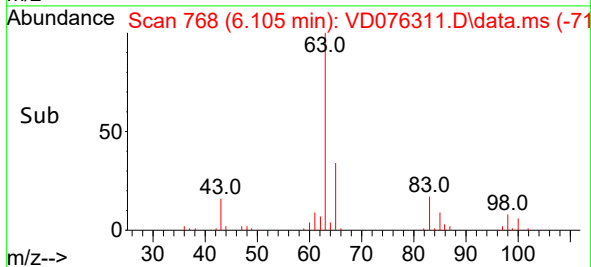
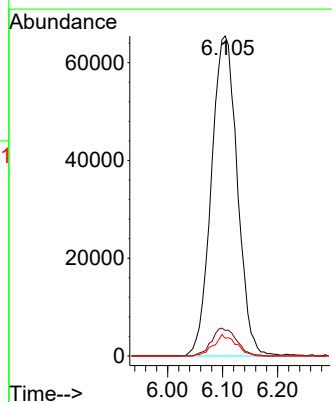
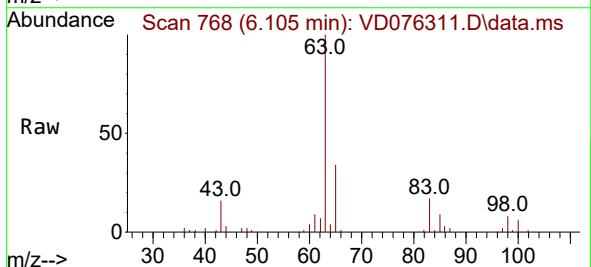
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

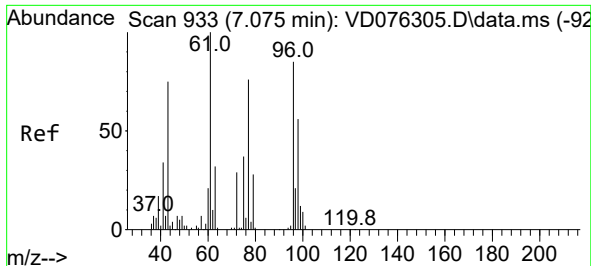
Tgt Ion: 43 Resp: 582664
 Ion Ratio Lower Upper
 43 100
 86 15.0 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 43.443 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.006 min
 Lab File: VD076311.D
 Acq: 02 Jun 2023 13:20

Tgt Ion: 63 Resp: 214502
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.5 13.7
 100 5.5 2.5 7.5

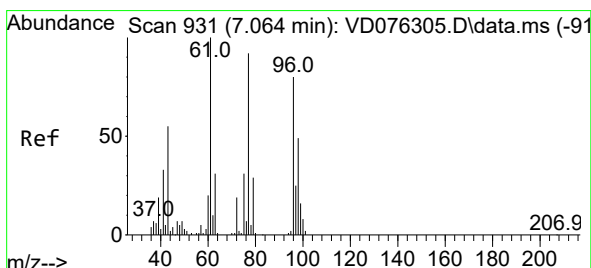
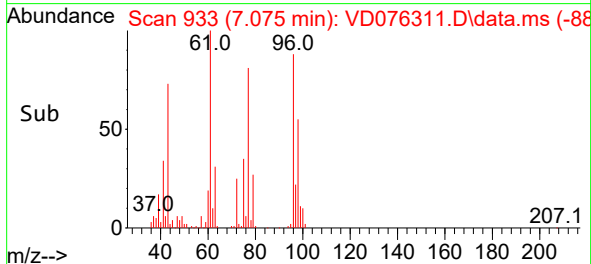
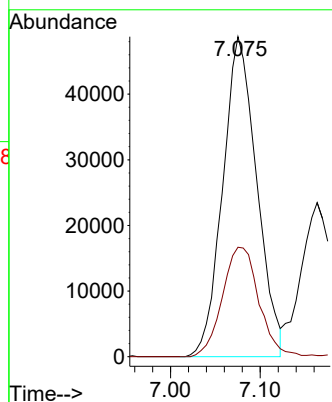
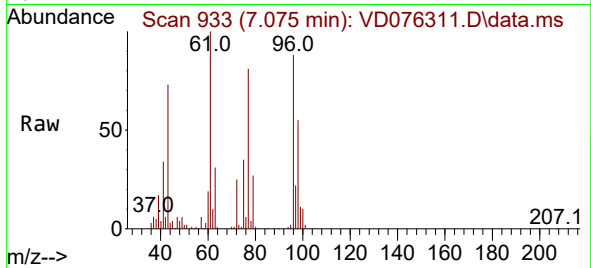




#25
2-Butanone
Concen: 209.655 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

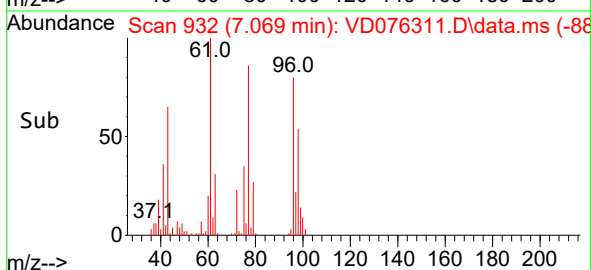
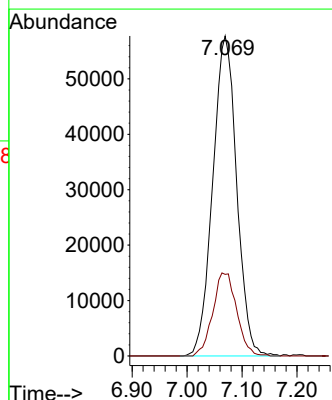
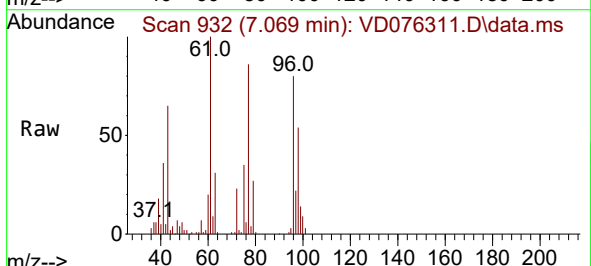
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

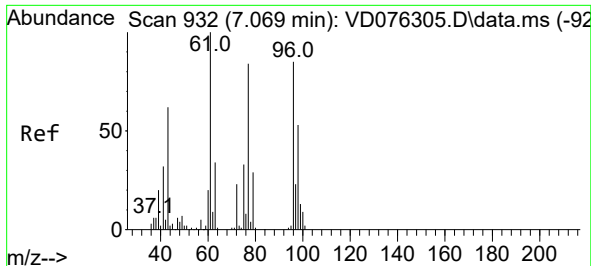
Tgt Ion: 43 Resp: 128258
Ion Ratio Lower Upper
43 100
72 34.2 30.7 46.1



#26
2,2-Dichloropropane
Concen: 44.770 ug/l
RT: 7.069 min Scan# 932
Delta R.T. 0.005 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 77 Resp: 174667
Ion Ratio Lower Upper
77 100
97 25.9 13.2 39.6



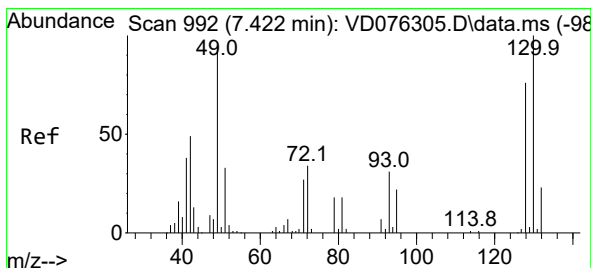
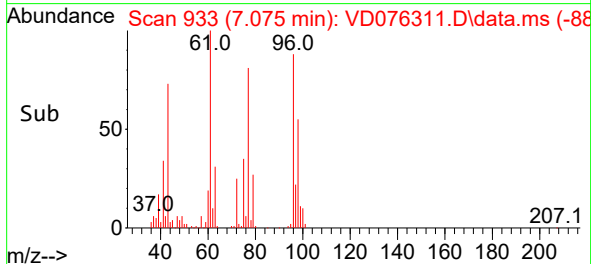
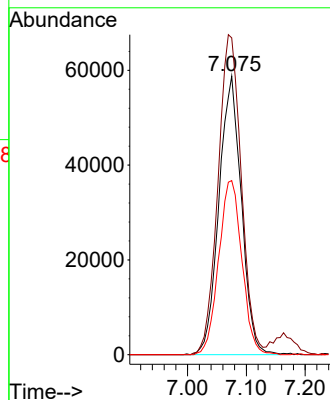
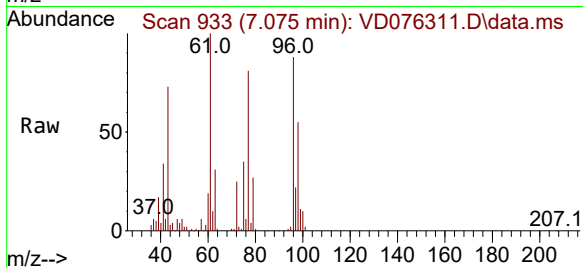


#27
 cis-1,2-Dichloroethene
 Concen: 45.596 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VD076311.D
 Acq: 02 Jun 2023 13:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 155568

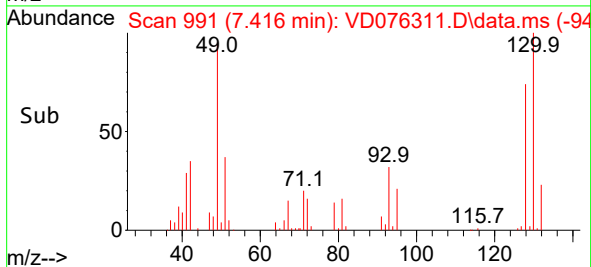
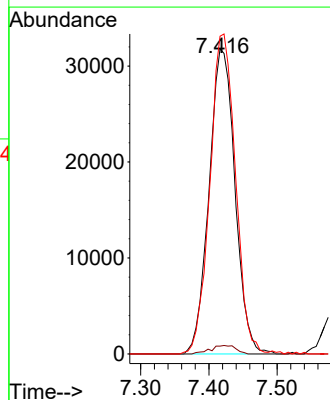
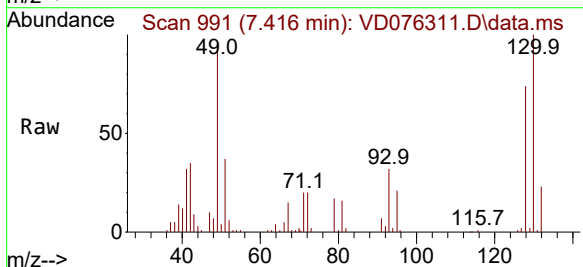
Ion	Ratio	Lower	Upper
96	100		
61	119.3	0.0	239.2
98	64.7	0.0	128.6

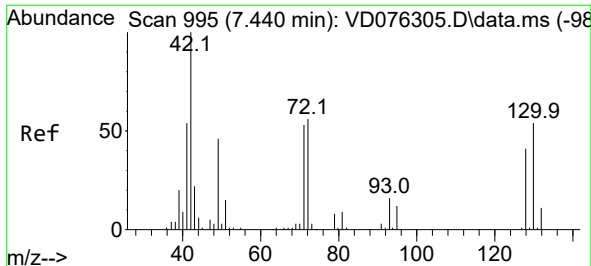


#28
 Bromochloromethane
 Concen: 44.339 ug/l
 RT: 7.416 min Scan# 991
 Delta R.T. -0.006 min
 Lab File: VD076311.D
 Acq: 02 Jun 2023 13:20

Tgt Ion: 49 Resp: 84234

Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	6.0
130	103.2	83.2	124.8





#29

Tetrahydrofuran

Concen: 220.283 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD076311.D

Acq: 02 Jun 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

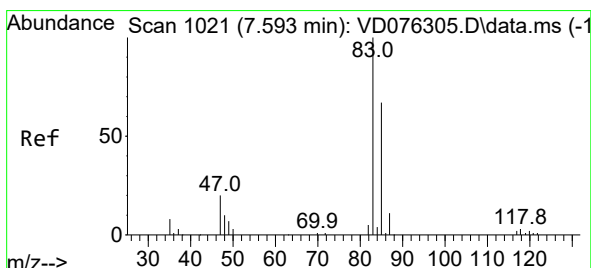
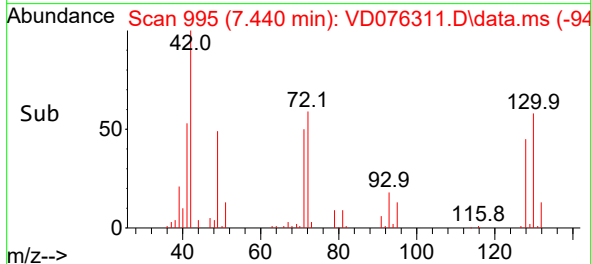
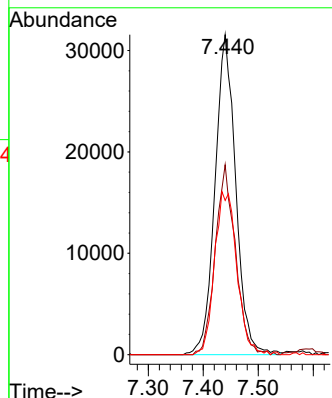
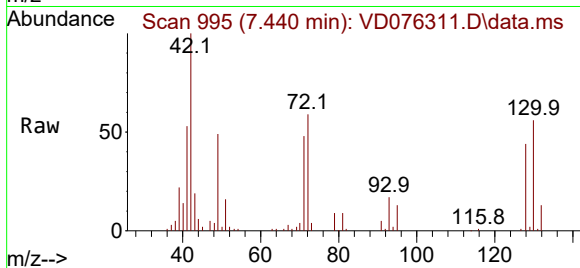
Tgt Ion: 42 Resp: 82807

Ion Ratio Lower Upper

42 100

72 57.9 46.5 69.7

71 54.8 44.5 66.7



#30

Chloroform

Concen: 44.038 ug/l

RT: 7.587 min Scan# 1020

Delta R.T. -0.006 min

Lab File: VD076311.D

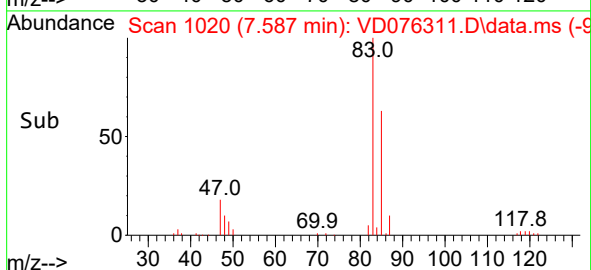
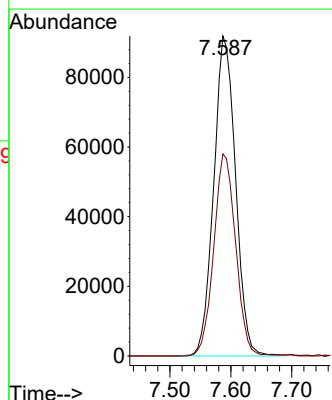
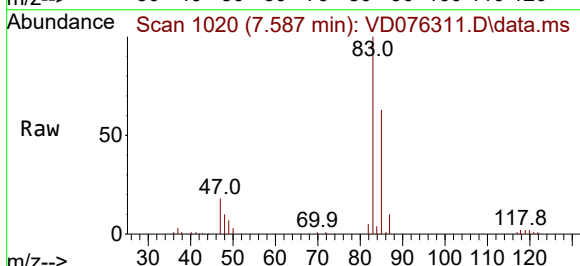
Acq: 02 Jun 2023 13:20

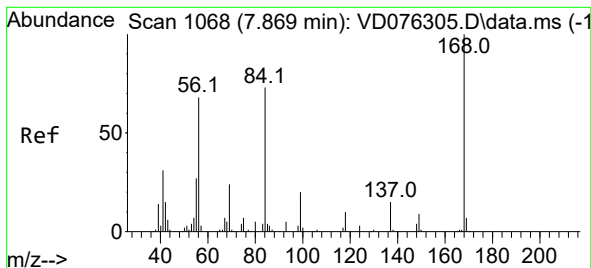
Tgt Ion: 83 Resp: 228757

Ion Ratio Lower Upper

83 100

85 63.2 53.4 80.2





#31

Cyclohexane

Concen: 43.295 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VD076311.D

Acq: 02 Jun 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

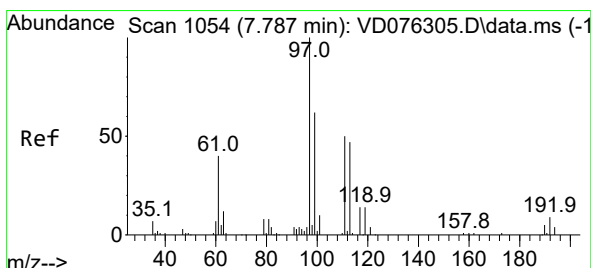
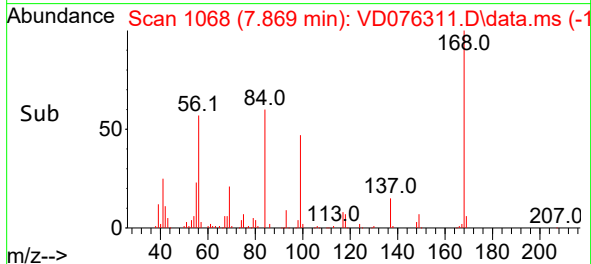
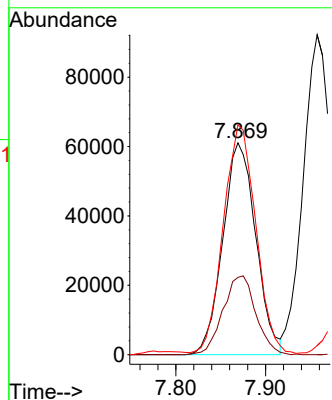
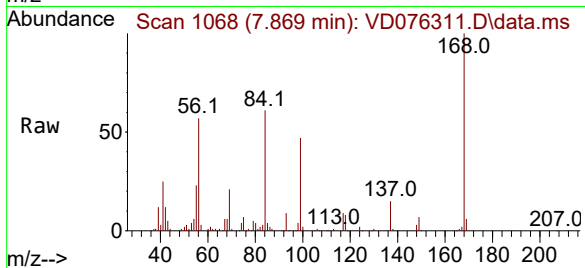
Tgt Ion: 56 Resp: 156242

Ion Ratio Lower Upper

56 100

69 36.5 28.6 43.0

84 107.2 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 44.716 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VD076311.D

Acq: 02 Jun 2023 13:20

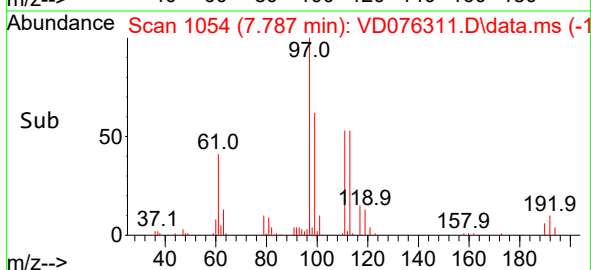
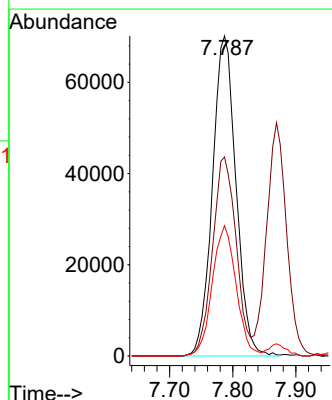
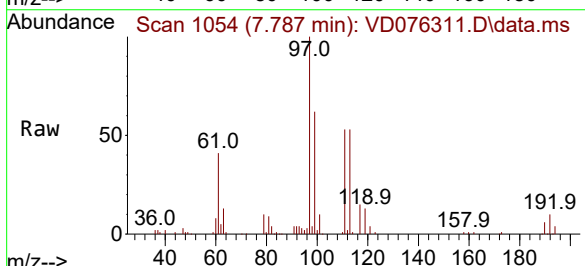
Tgt Ion: 97 Resp: 181509

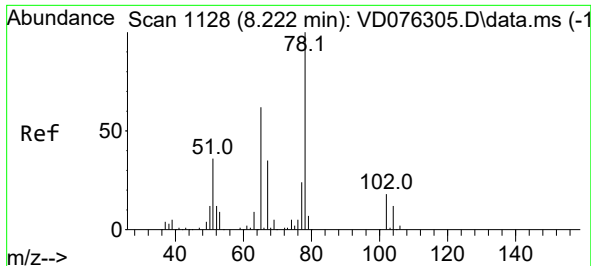
Ion Ratio Lower Upper

97 100

99 62.3 52.0 78.0

61 41.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 43.574 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD076311.D

Acq: 02 Jun 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

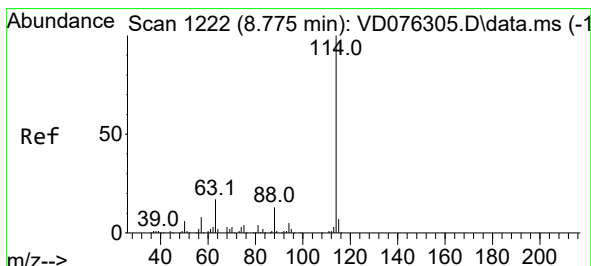
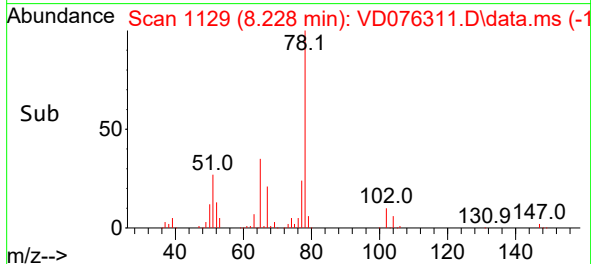
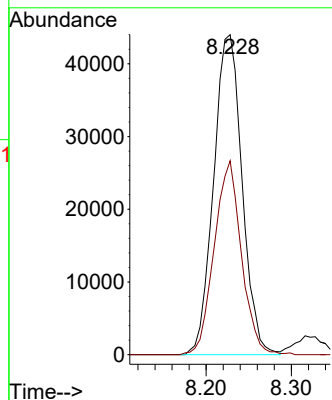
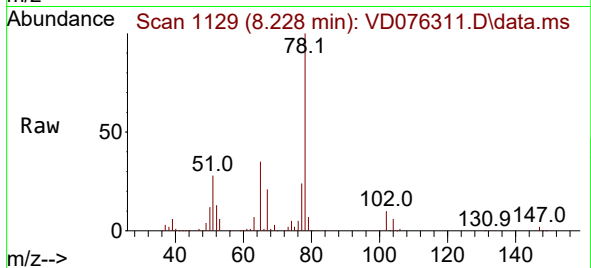
VSTDCCC050

Tgt Ion: 65 Resp: 102157

Ion Ratio Lower Upper

65 100

67 57.9 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: VD076311.D

Acq: 02 Jun 2023 13:20

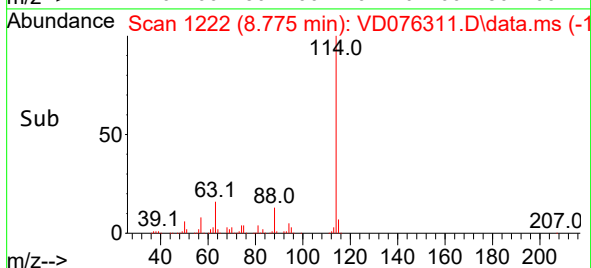
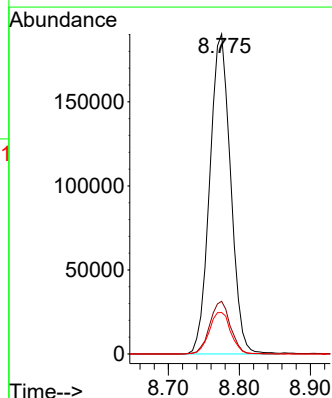
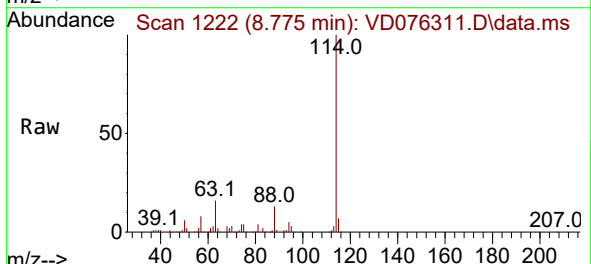
Tgt Ion: 114 Resp: 388155

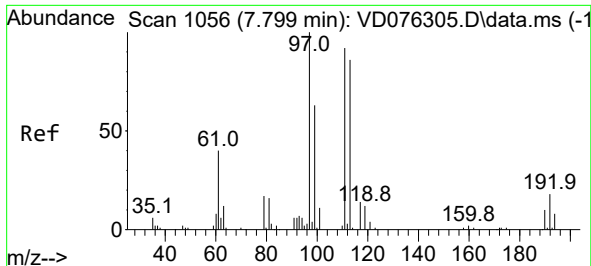
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 12.9 0.0 26.2

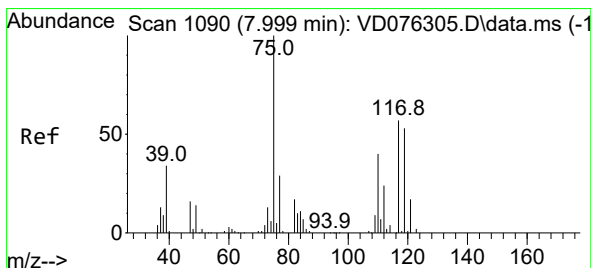
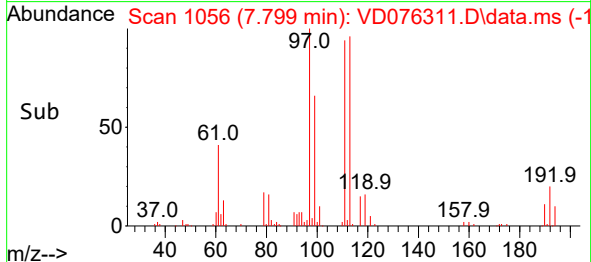
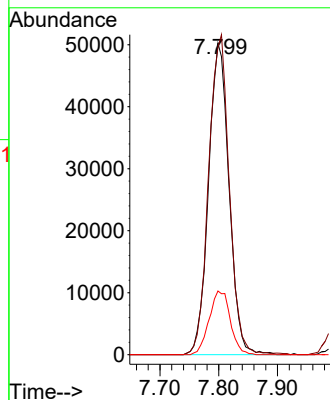
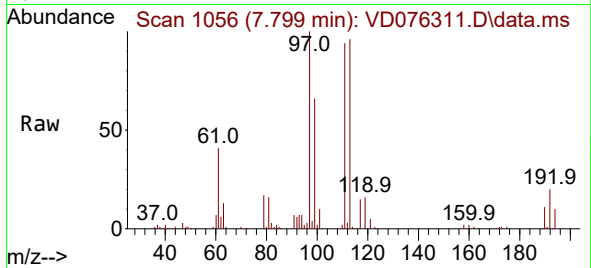




#35
Dibromofluoromethane
Concen: 47.521 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

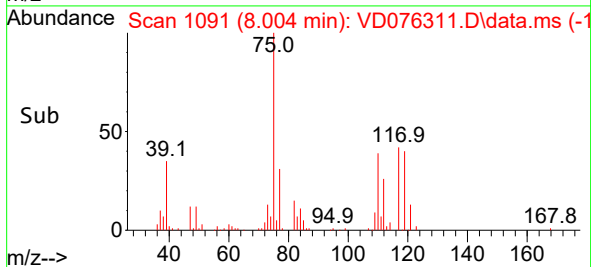
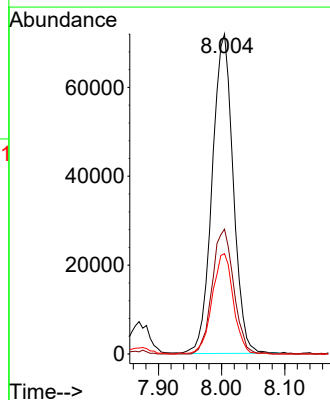
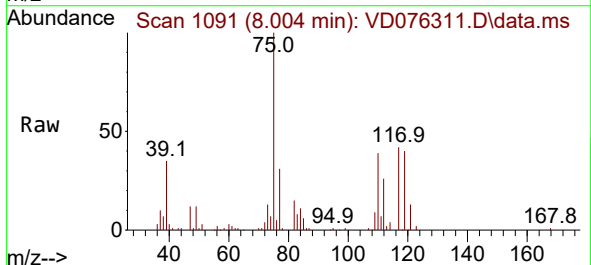
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

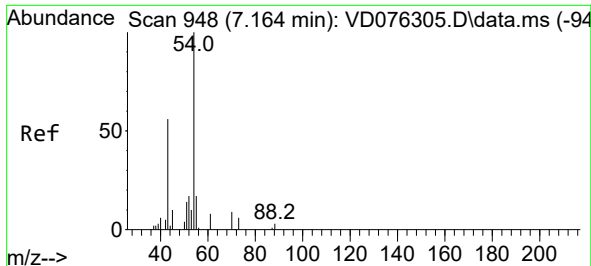
Tgt Ion:113 Resp: 121761
Ion Ratio Lower Upper
113 100
111 103.2 84.7 127.1
192 21.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 46.997 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 75 Resp: 166529
Ion Ratio Lower Upper
75 100
110 40.1 19.9 59.6
77 31.7 24.7 37.1

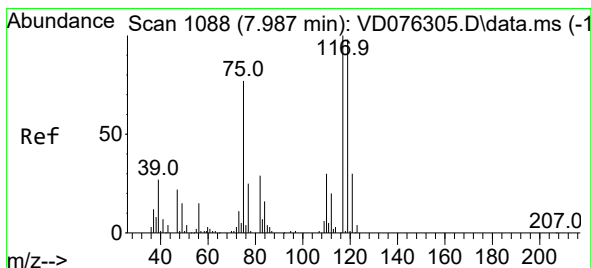
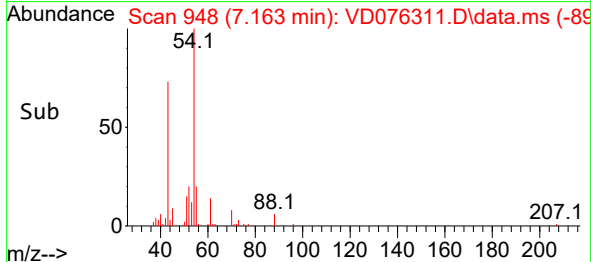
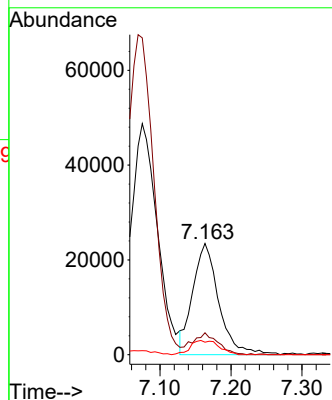
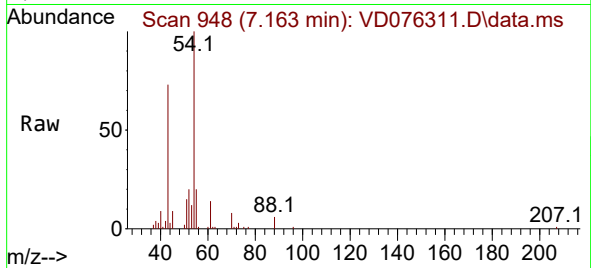




#37
Ethyl Acetate
Concen: 44.450 ug/l
RT: 7.163 min Scan# 948
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

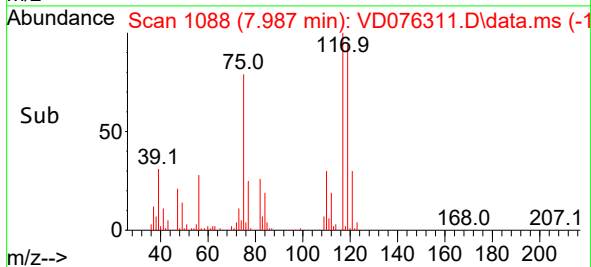
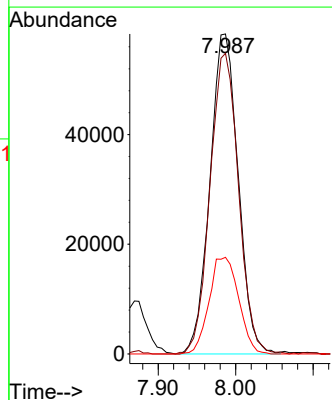
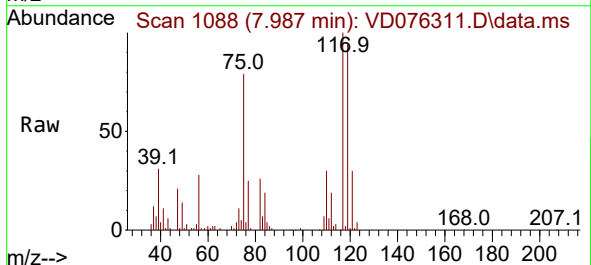
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

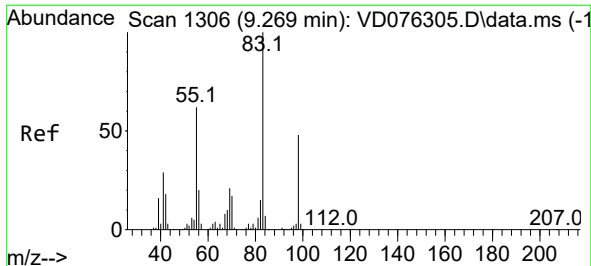
Tgt Ion: 43 Resp: 59722
Ion Ratio Lower Upper
43 100
61 19.6 14.9 22.3
70 13.9 10.0 15.0



#38
Carbon Tetrachloride
Concen: 48.507 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 117 Resp: 148015
Ion Ratio Lower Upper
117 100
119 93.5 78.0 117.0
121 30.2 24.2 36.2

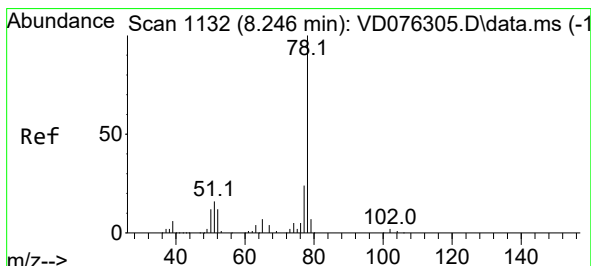
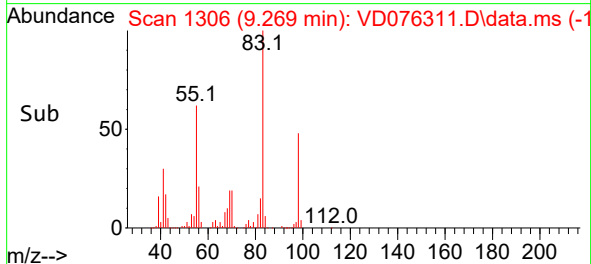
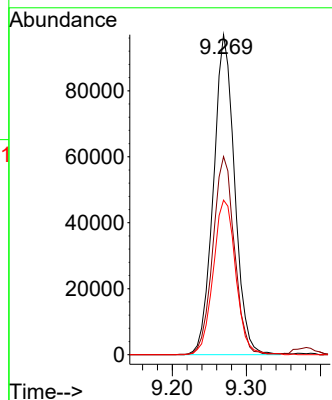
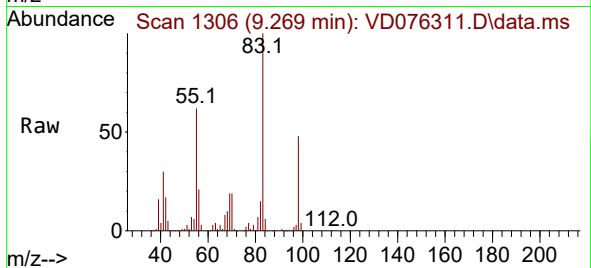




#39
Methylcyclohexane
Concen: 48.325 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

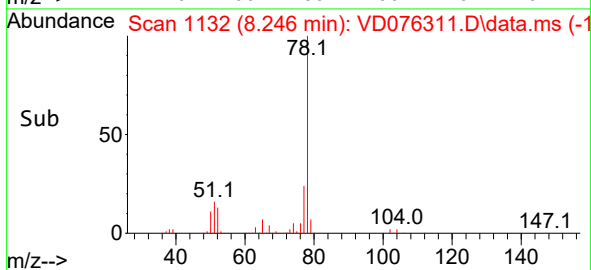
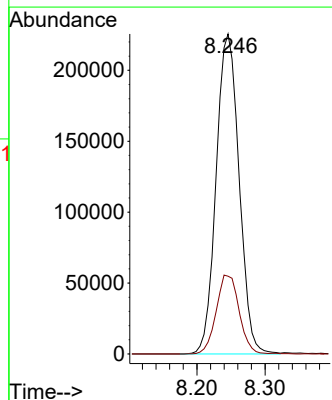
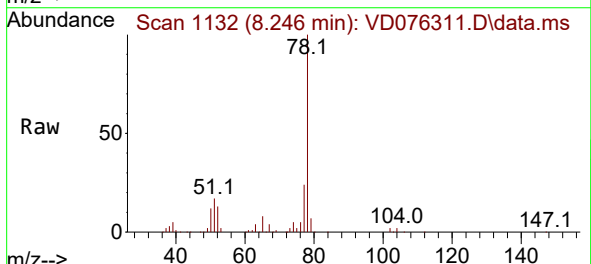
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

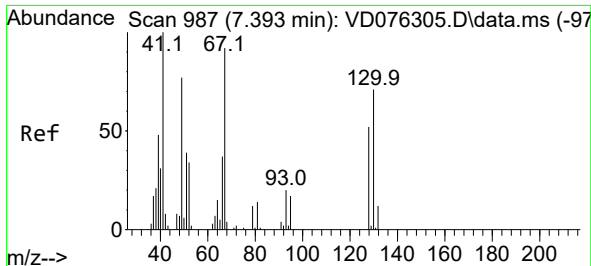
Tgt Ion: 83 Resp: 192936
Ion Ratio Lower Upper
83 100
55 61.7 49.4 74.0
98 48.3 38.4 57.6



#40
Benzene
Concen: 47.013 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 78 Resp: 528729
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

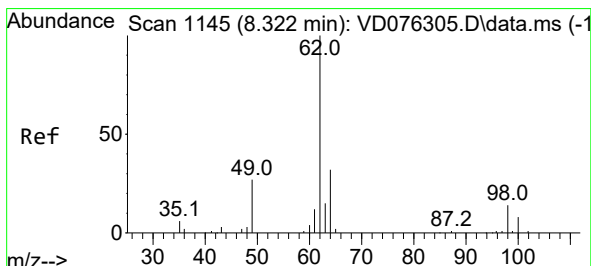
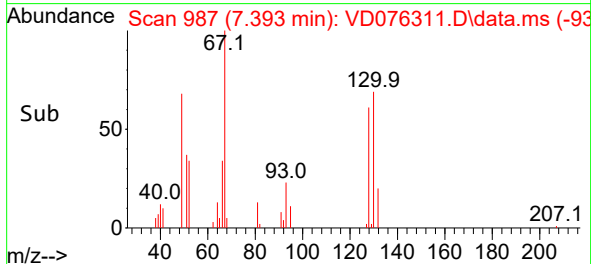
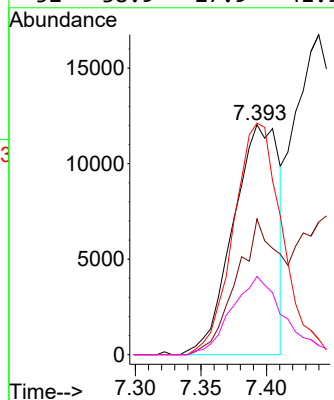
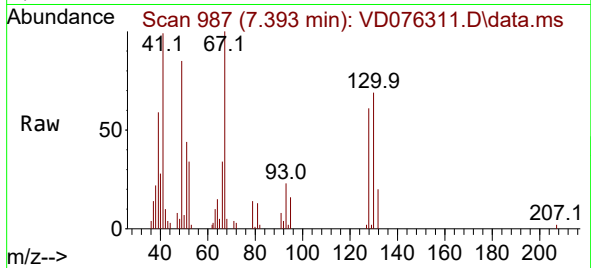




#41
Methacrylonitrile
Concen: 43.188 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

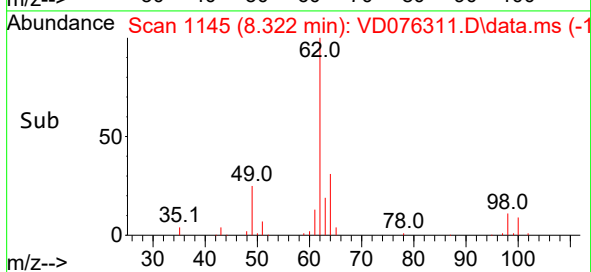
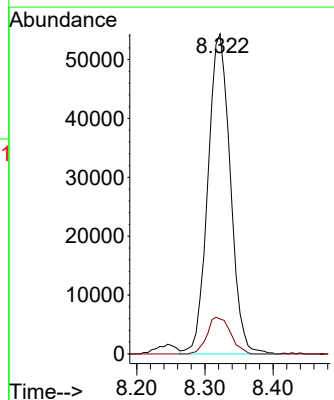
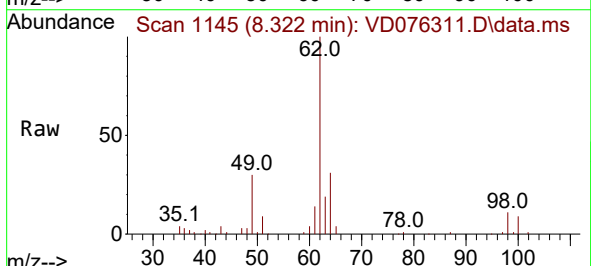
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

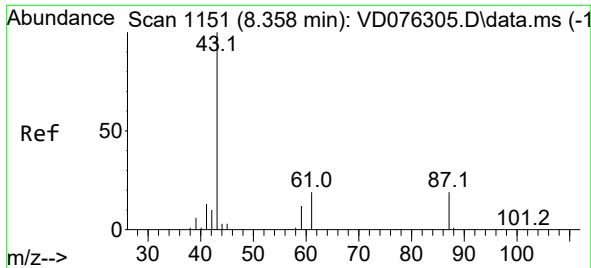
Tgt Ion:	41	Resp:	29275
Ion	Ratio	Lower	Upper
41	100		
39	57.2	34.0	51.0#
67	107.0	77.0	115.4
52	38.9	27.9	41.9



#42
1,2-Dichloroethane
Concen: 45.490 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion:	62	Resp:	124330
Ion	Ratio	Lower	Upper
62	100		
98	12.0	0.0	25.4

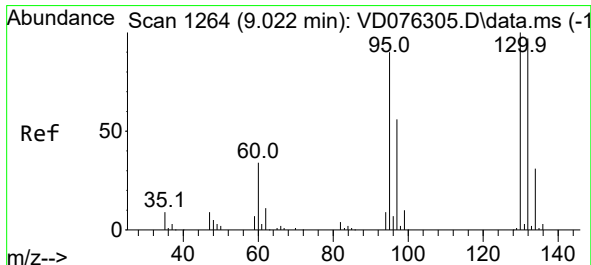
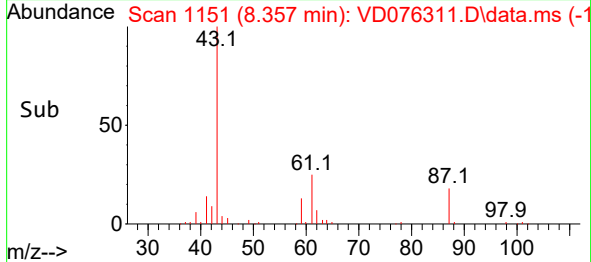
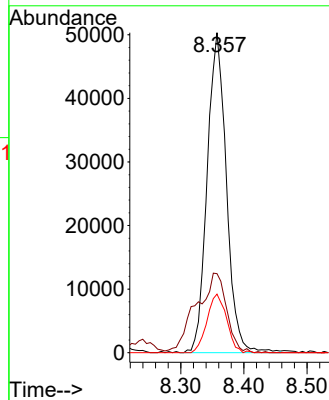
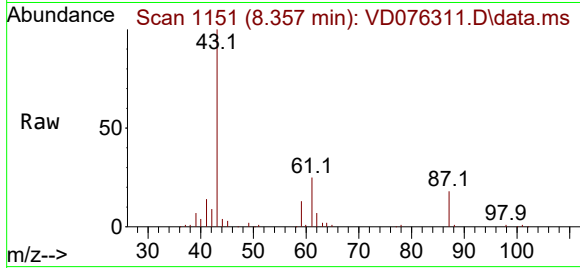




#43
Isopropyl Acetate
Concen: 43.993 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

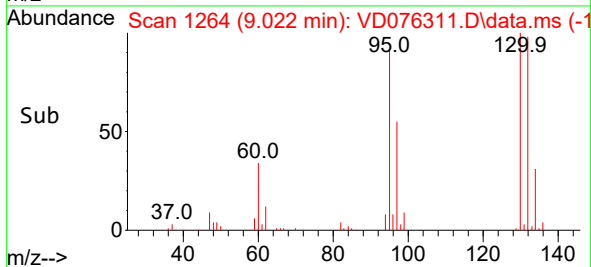
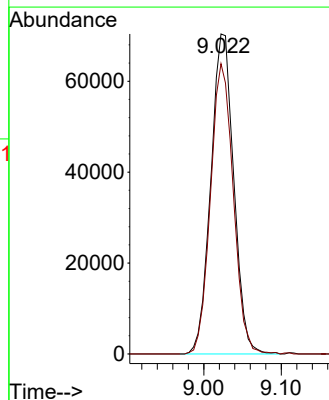
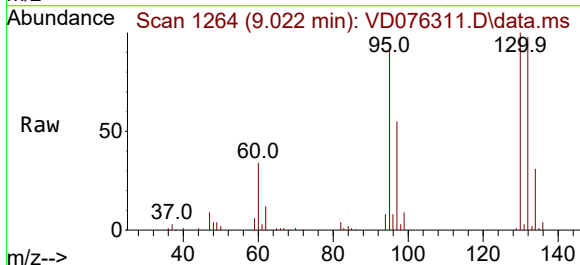
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

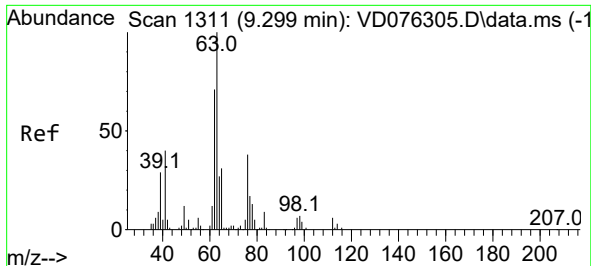
Tgt Ion: 43 Resp: 106427
Ion Ratio Lower Upper
43 100
61 39.2 31.4 47.0
87 18.7 14.9 22.3



#44
Trichloroethene
Concen: 46.610 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion:130 Resp: 144853
Ion Ratio Lower Upper
130 100
95 90.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 46.465 ug/l

RT: 9.299 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VD076311.D

Acq: 02 Jun 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

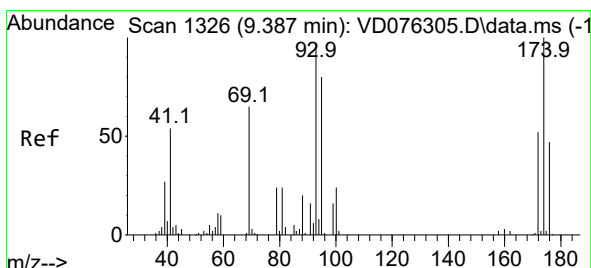
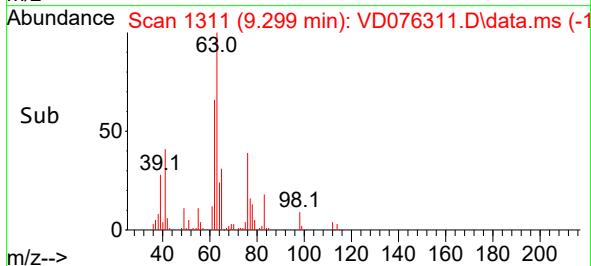
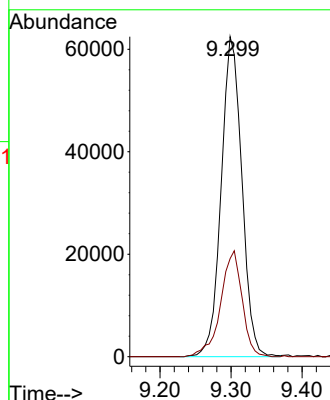
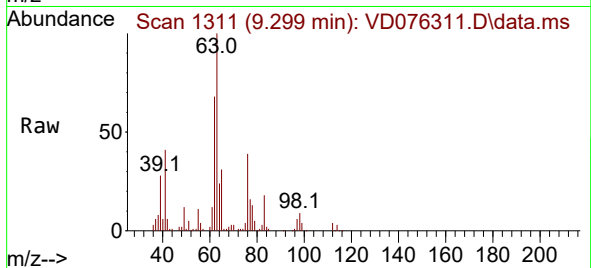
VSTDCCC050

Tgt Ion: 63 Resp: 126141

Ion Ratio Lower Upper

63 100

65 30.6 24.5 36.7



#46

Dibromomethane

Concen: 45.728 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.006 min

Lab File: VD076311.D

Acq: 02 Jun 2023 13:20

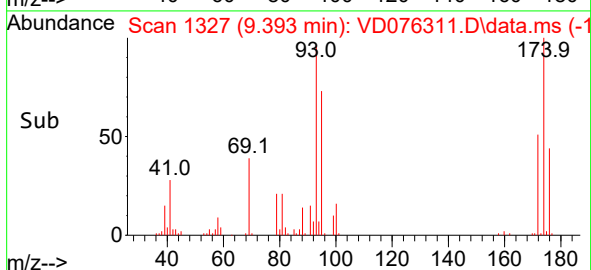
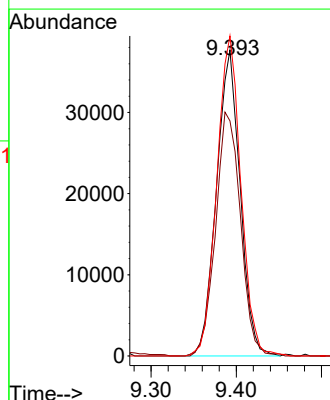
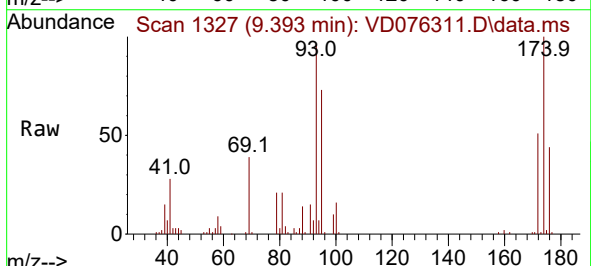
Tgt Ion: 93 Resp: 72850

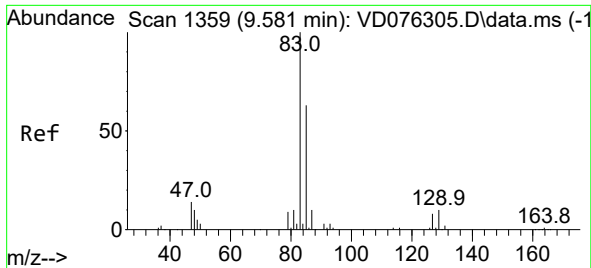
Ion Ratio Lower Upper

93 100

95 83.9 67.7 101.5

174 106.7 85.4 128.2

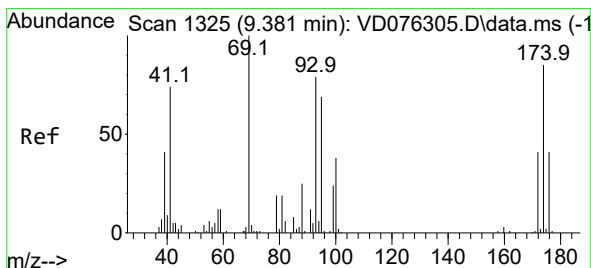
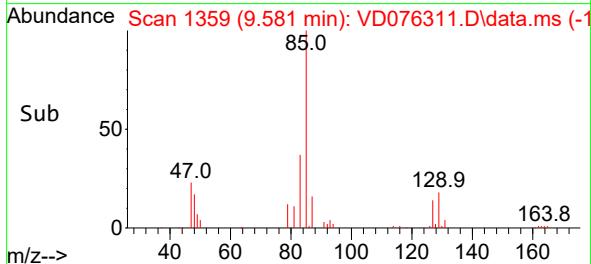
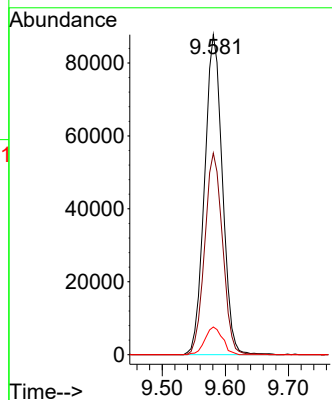
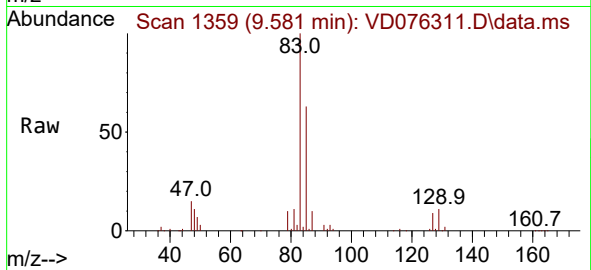




#47
Bromodichloromethane
Concen: 46.145 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

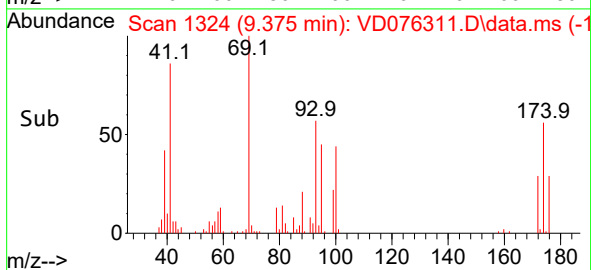
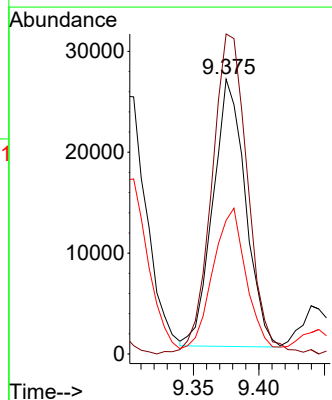
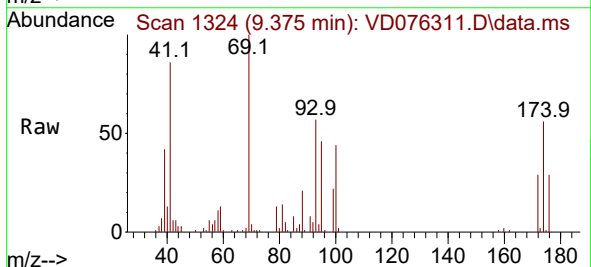
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

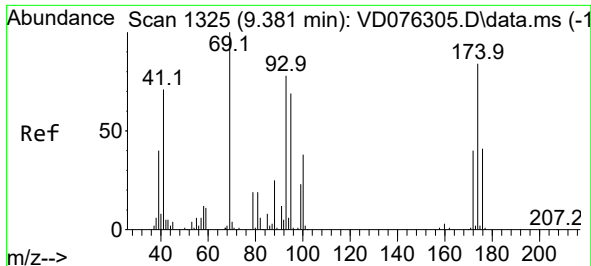
Tgt Ion: 83 Resp: 172229
Ion Ratio Lower Upper
83 100
85 63.0 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 43.991 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 41 Resp: 45692
Ion Ratio Lower Upper
41 100
69 132.3 102.2 153.2
39 53.8 41.4 62.2





#49

1,4-Dioxane

Concen: 878.297 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076311.D

Acq: 02 Jun 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

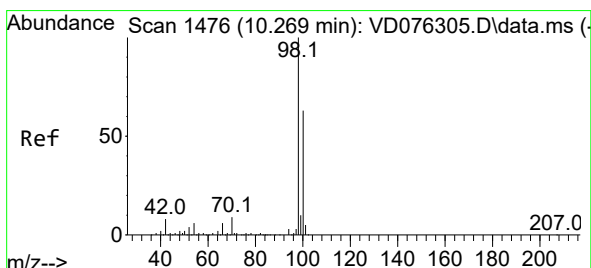
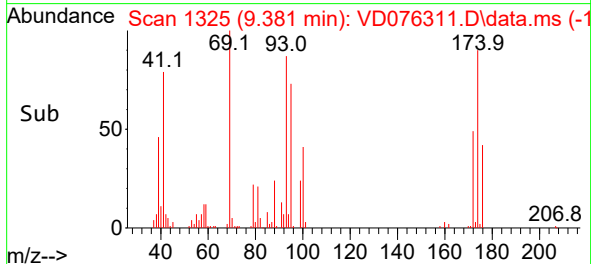
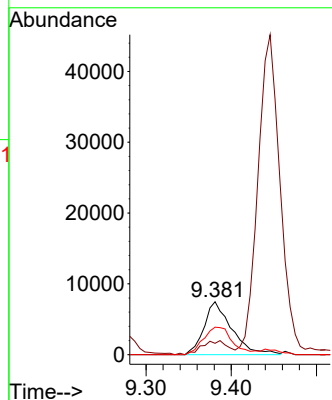
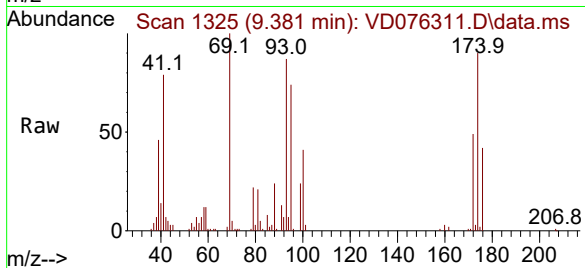
Tgt Ion: 88 Resp: 16941

Ion Ratio Lower Upper

88 100

43 24.9 19.0 28.6

58 55.7 43.5 65.3



#50

Toluene-d8

Concen: 49.289 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076311.D

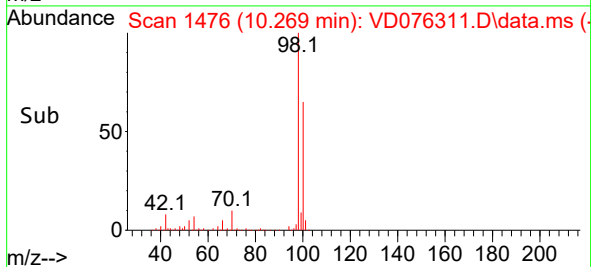
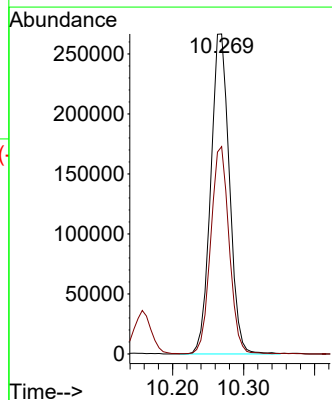
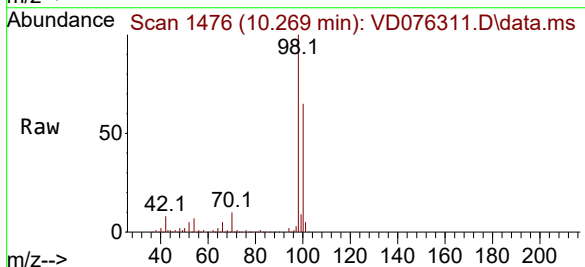
Acq: 02 Jun 2023 13:20

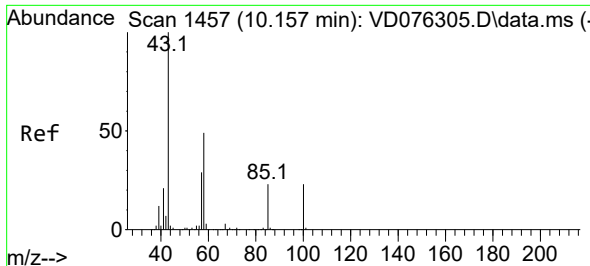
Tgt Ion: 98 Resp: 486929

Ion Ratio Lower Upper

98 100

100 63.6 50.3 75.5

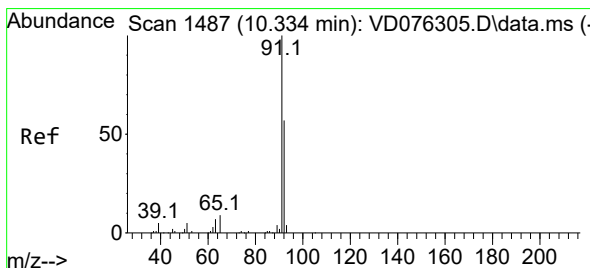
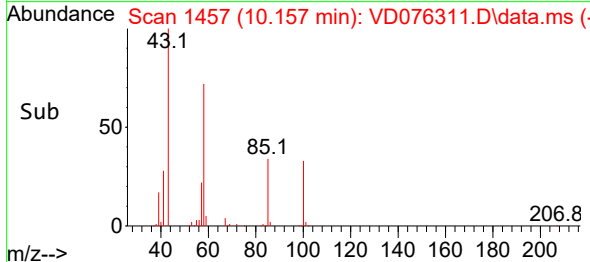
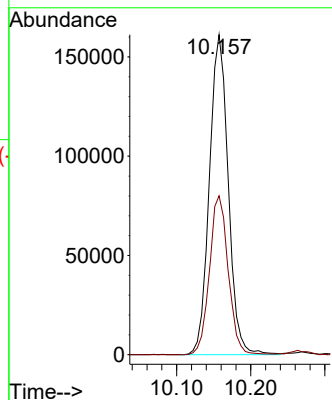
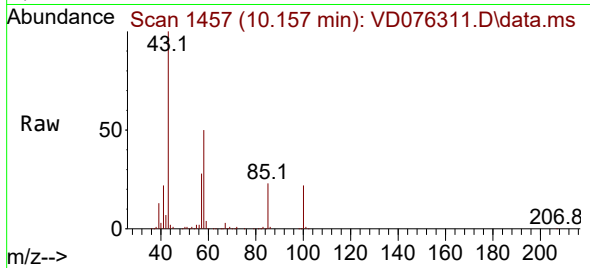




#51
4-Methyl-2-Pentanone
Concen: 222.434 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

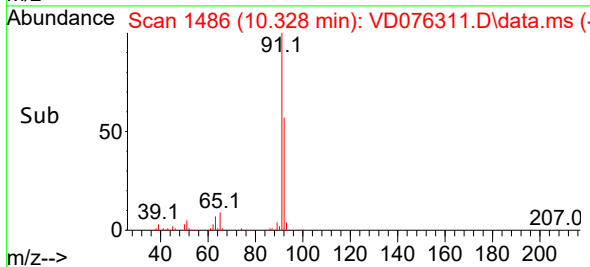
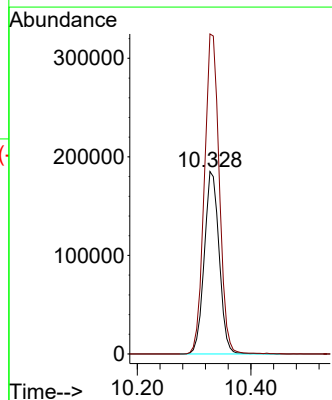
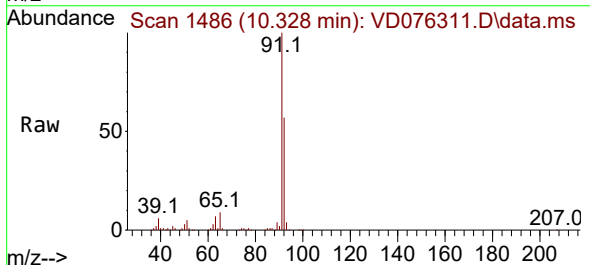
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

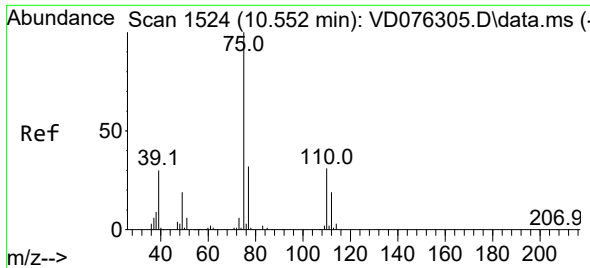
Tgt Ion: 43 Resp: 284695
Ion Ratio Lower Upper
43 100
58 49.4 38.9 58.3



#52
Toluene
Concen: 48.738 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 92 Resp: 335442
Ion Ratio Lower Upper
92 100
91 176.0 143.0 214.4

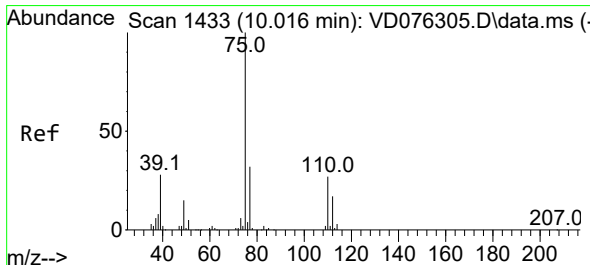
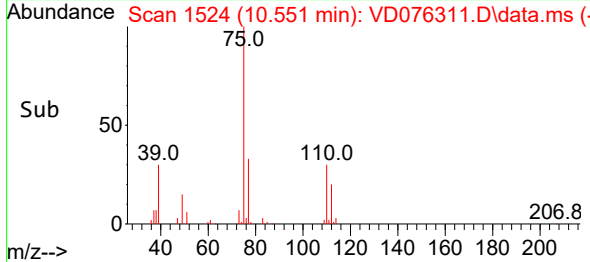
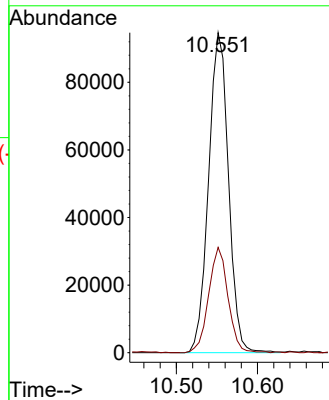
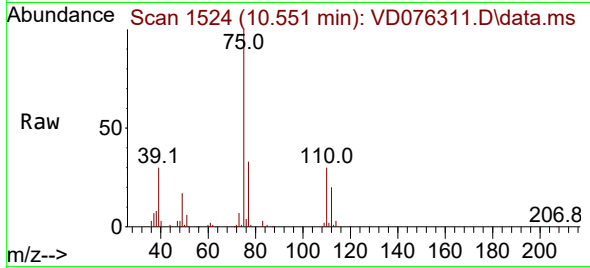




#53
 t-1,3-Dichloropropene
 Concen: 46.186 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD076311.D
 Acq: 02 Jun 2023 13:20

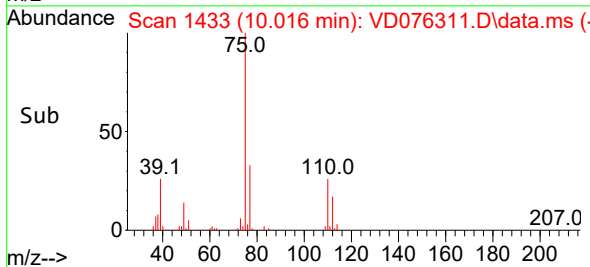
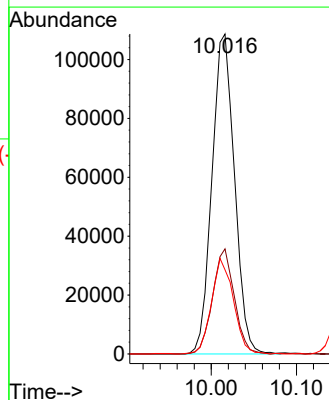
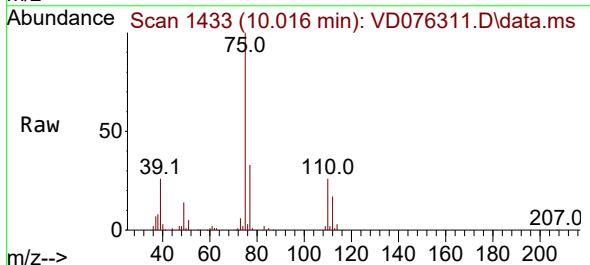
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

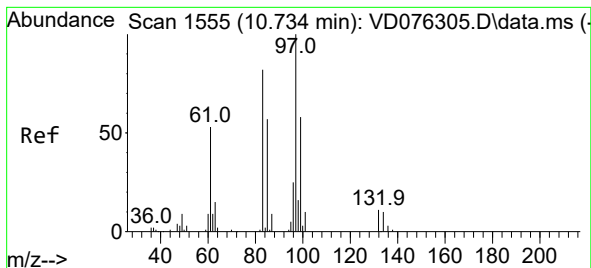
Tgt Ion: 75 Resp: 161191
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 48.443 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076311.D
 Acq: 02 Jun 2023 13:20

Tgt Ion: 75 Resp: 199725
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.5 38.3
 39 26.3 22.1 33.1

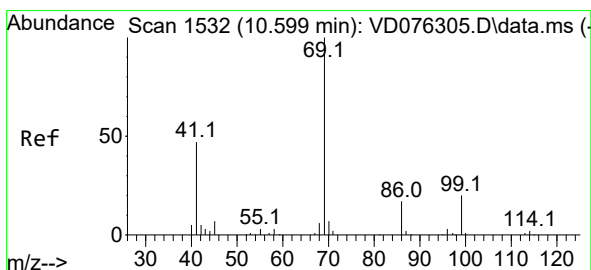
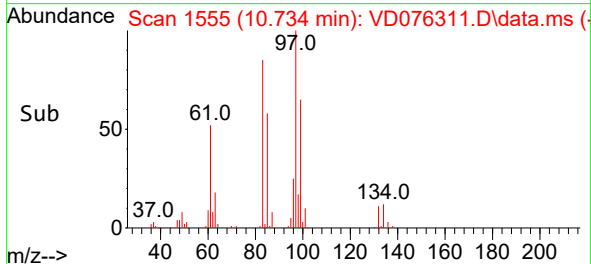
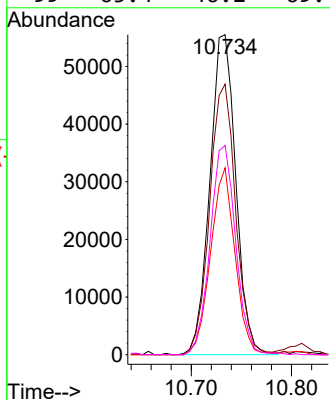
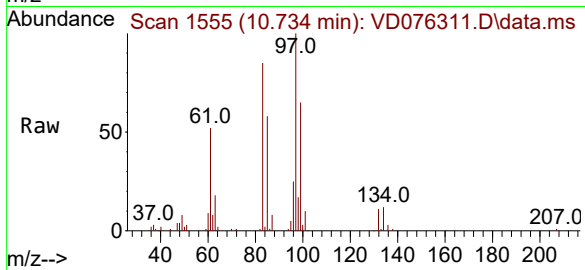




#55
1,1,2-Trichloroethane
Concen: 43.977 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

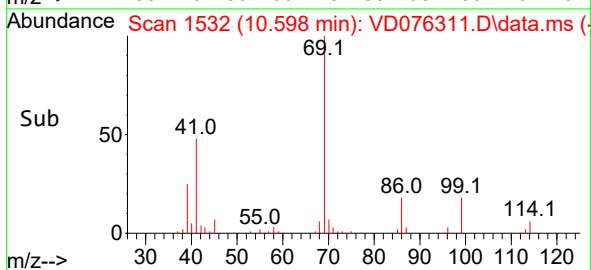
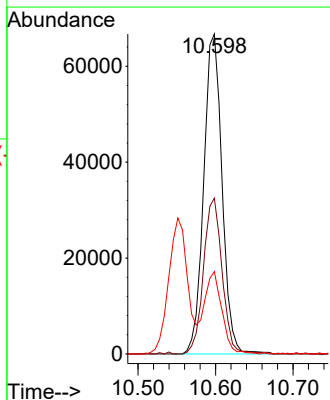
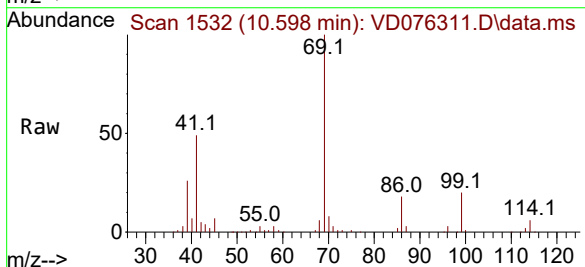
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

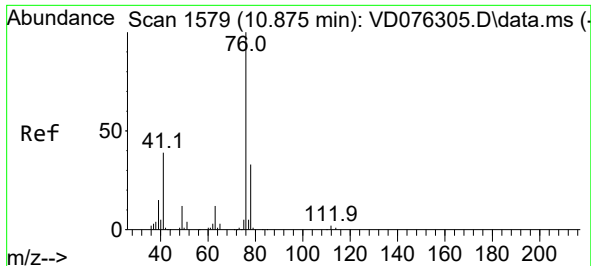
Tgt Ion: 97	Resp: 99732
Ion Ratio	Lower Upper
97 100	
83 84.5	65.8 98.6
85 58.4	45.7 68.5
99 65.4	46.2 69.4



#56
Ethyl methacrylate
Concen: 42.891 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 69	Resp: 110096
Ion Ratio	Lower Upper
69 100	
41 49.5	39.1 58.7
39 24.9	20.0 30.0

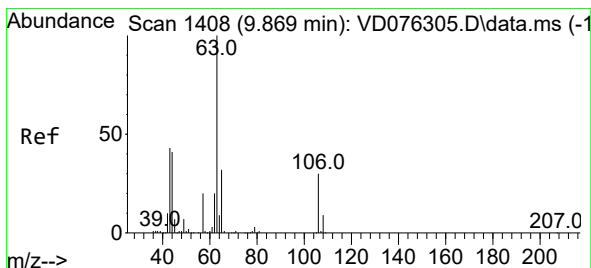
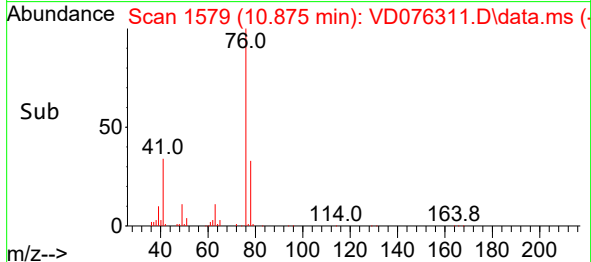
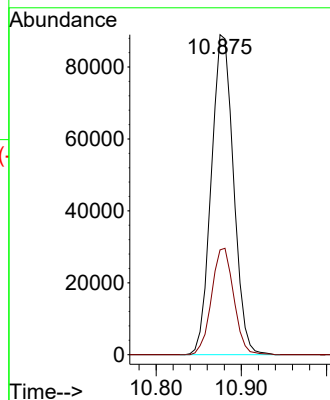
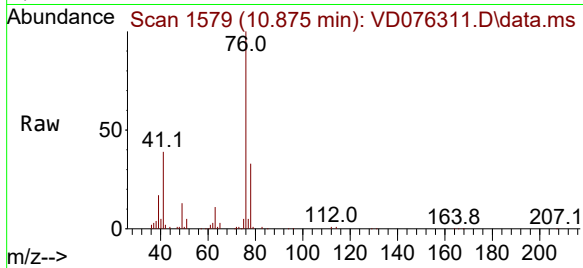




#57
1,3-Dichloropropane
Concen: 45.086 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

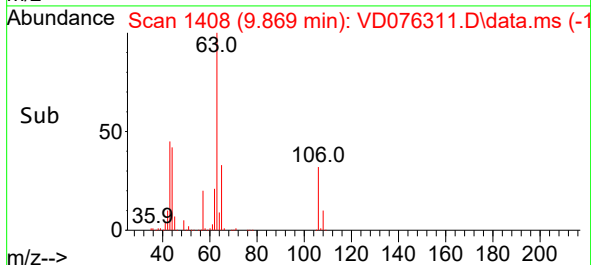
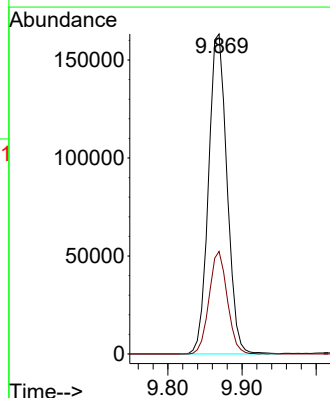
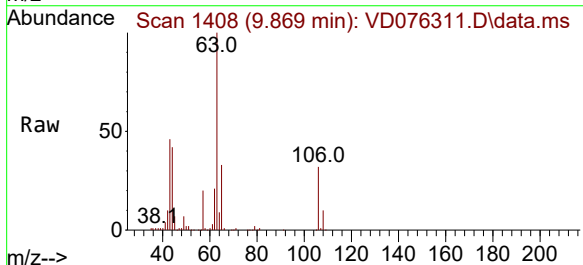
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

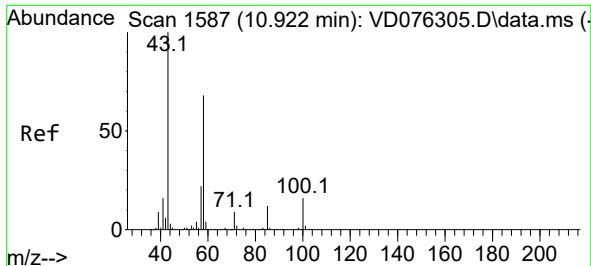
Tgt Ion: 76 Resp: 161262
Ion Ratio Lower Upper
76 100
78 33.2 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 231.220 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 63 Resp: 283158
Ion Ratio Lower Upper
63 100
106 31.5 25.3 37.9

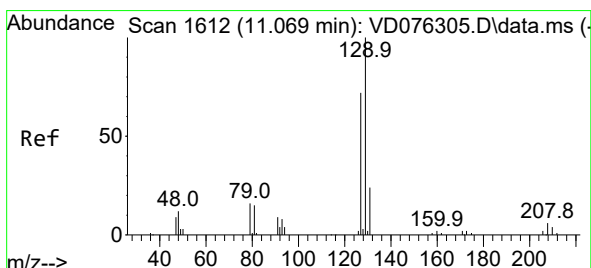
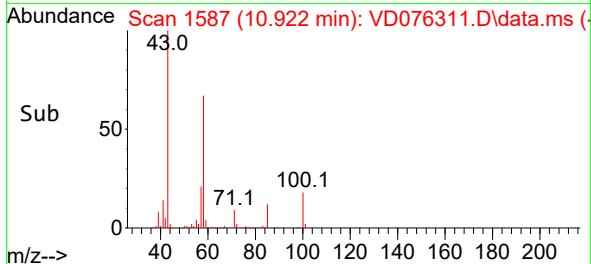
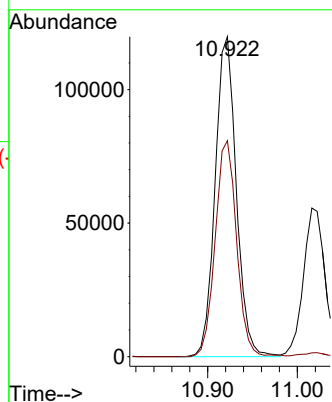
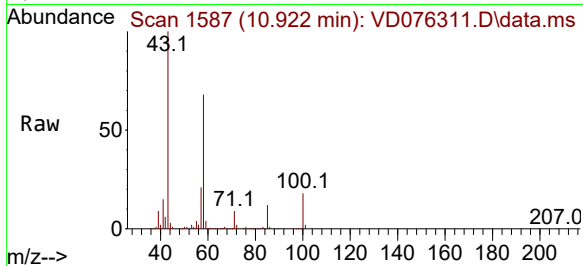




#59
2-Hexanone
Concen: 230.162 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

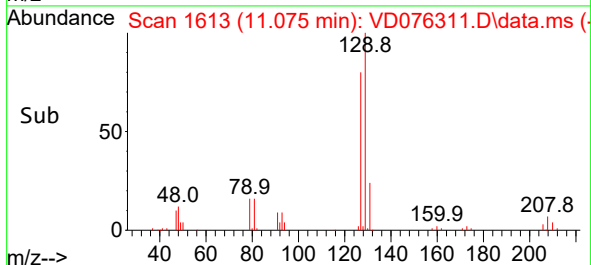
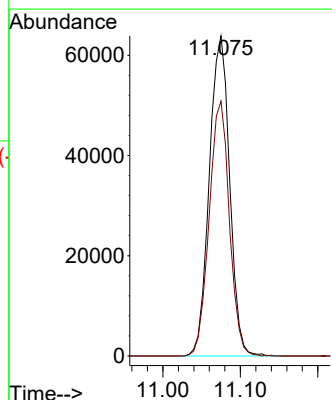
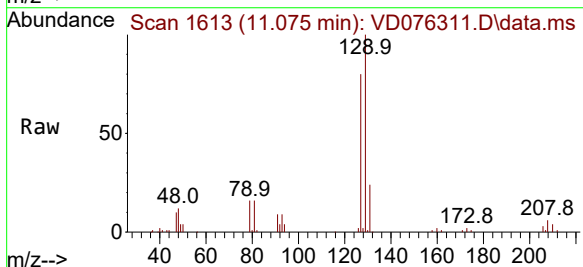
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

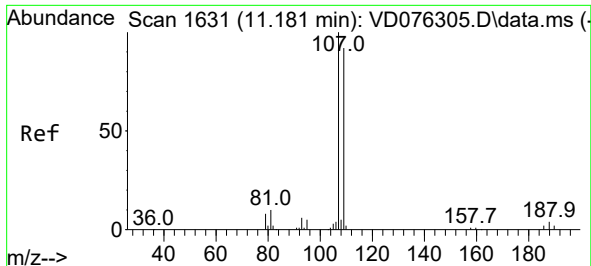
Tgt Ion: 43 Resp: 196072
Ion Ratio Lower Upper
43 100
58 68.5 34.1 102.2



#60
Dibromochloromethane
Concen: 44.789 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion:129 Resp: 116408
Ion Ratio Lower Upper
129 100
127 79.0 37.1 111.5

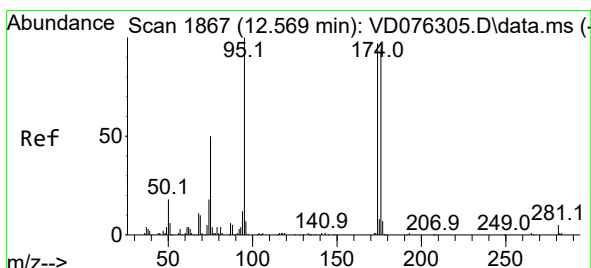
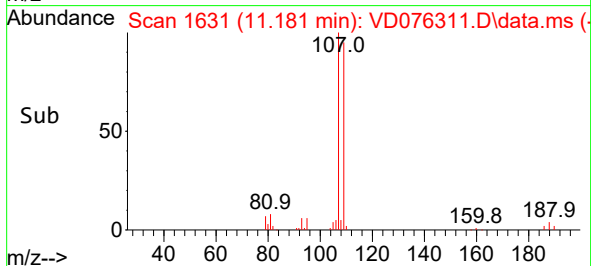
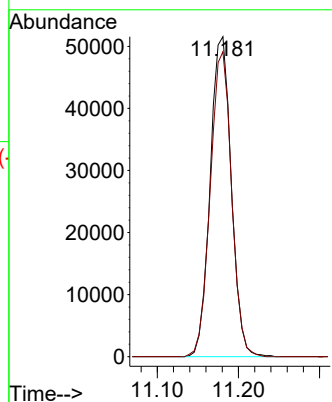
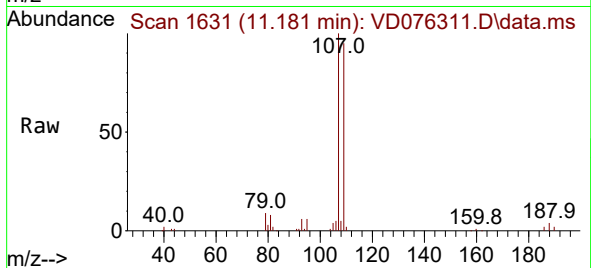




#61
1,2-Dibromoethane
Concen: 44.403 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

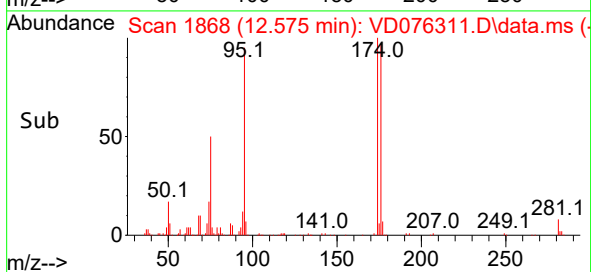
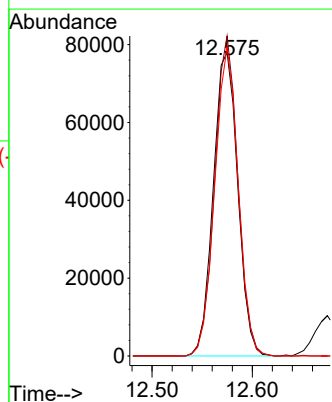
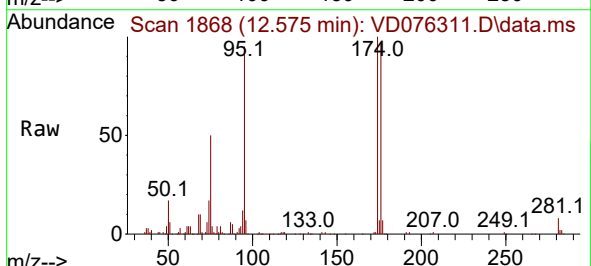
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

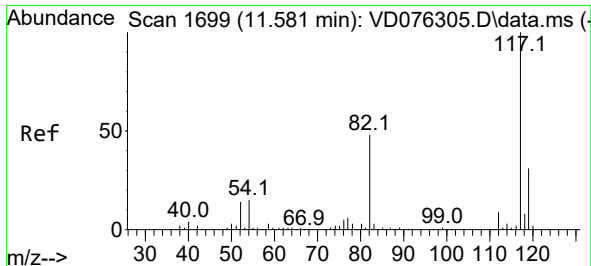
Tgt Ion:107 Resp: 93044
Ion Ratio Lower Upper
107 100
109 96.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.948 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 95 Resp: 132119
Ion Ratio Lower Upper
95 100
174 100.1 0.0 201.8
176 97.6 0.0 191.8

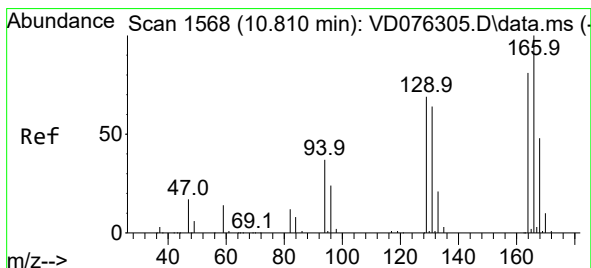
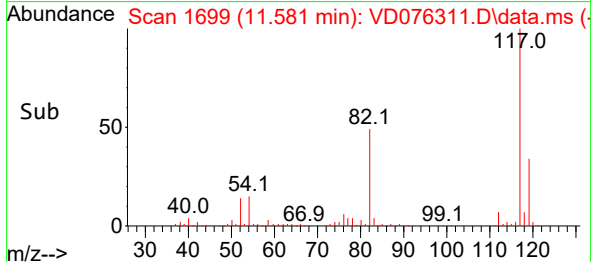
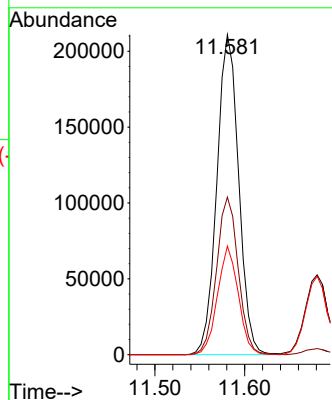
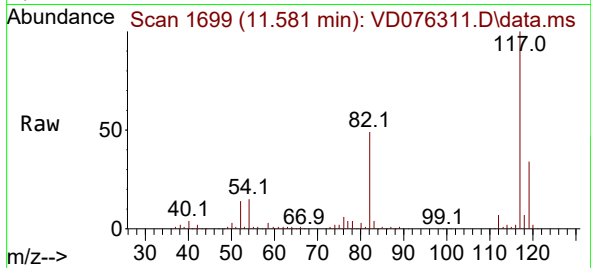




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

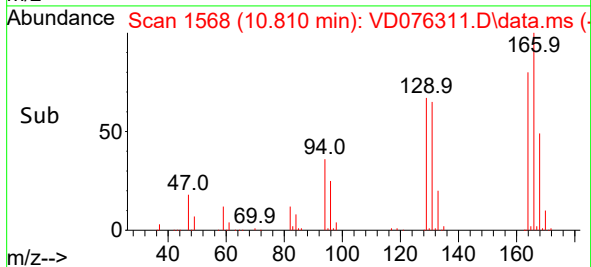
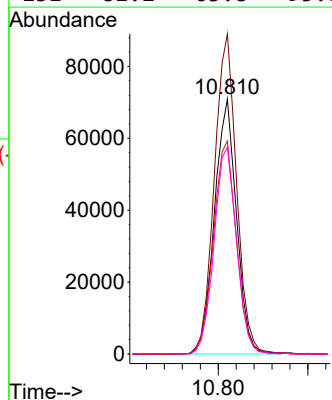
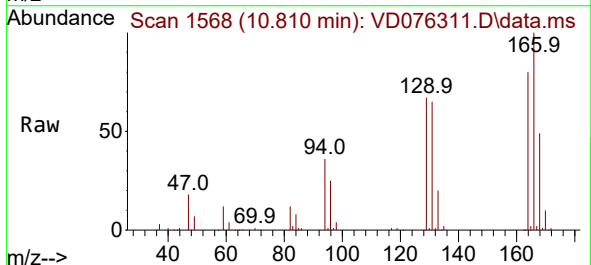
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

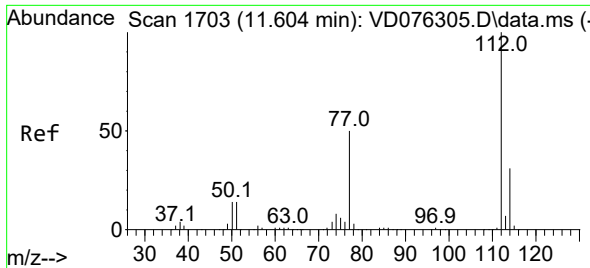
Tgt Ion:117 Resp: 356854
Ion Ratio Lower Upper
117 100
82 49.2 38.3 57.5
119 34.0 25.0 37.4



#64
Tetrachloroethene
Concen: 47.629 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion:164 Resp: 121092
Ion Ratio Lower Upper
164 100
166 125.6 99.2 148.8
129 83.6 68.4 102.6
131 81.2 63.8 95.8

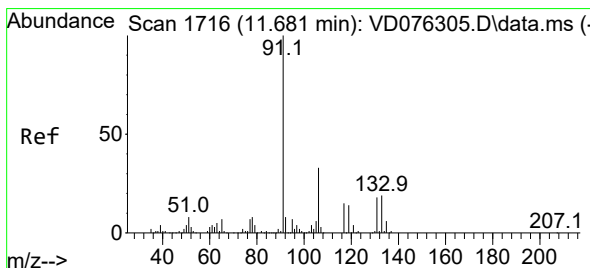
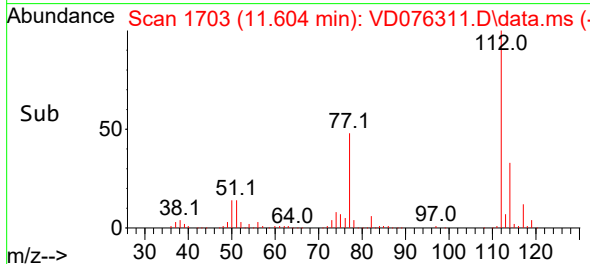
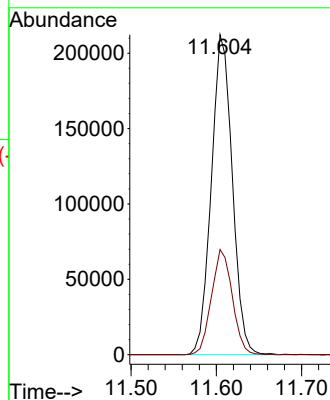
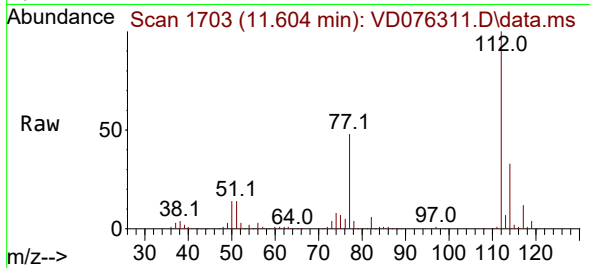




#65
Chlorobenzene
Concen: 47.320 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

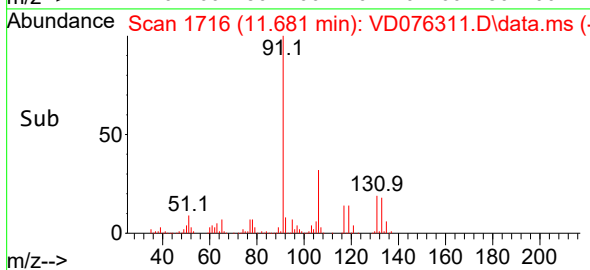
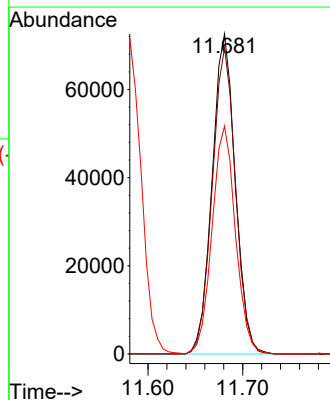
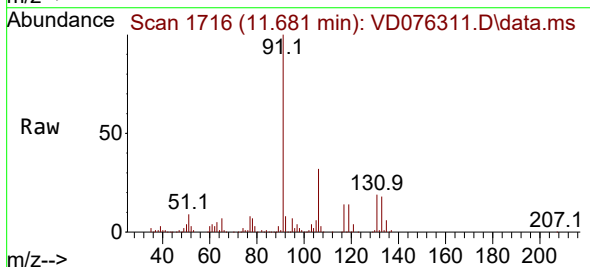
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

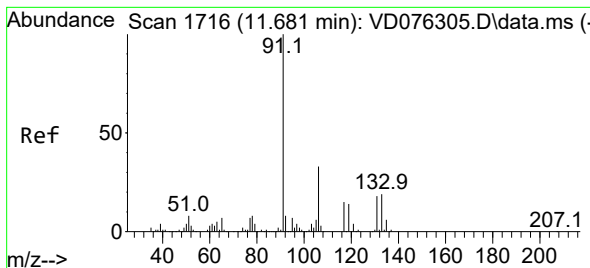
Tgt Ion:112 Resp: 363016
Ion Ratio Lower Upper
112 100
114 32.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 46.430 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion:131 Resp: 123243
Ion Ratio Lower Upper
131 100
133 96.4 48.5 145.5
119 72.1 35.6 106.9





#67

Ethyl Benzene

Concen: 49.550 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076311.D

Acq: 02 Jun 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

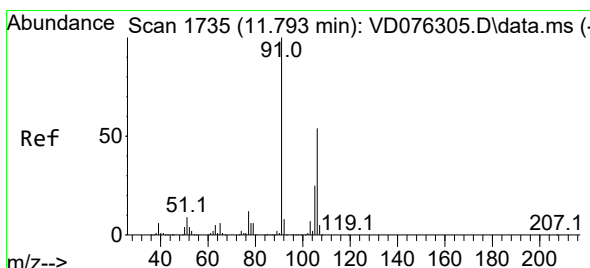
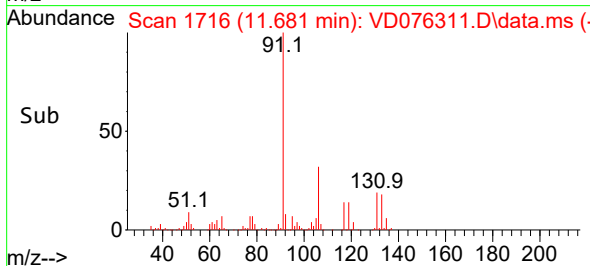
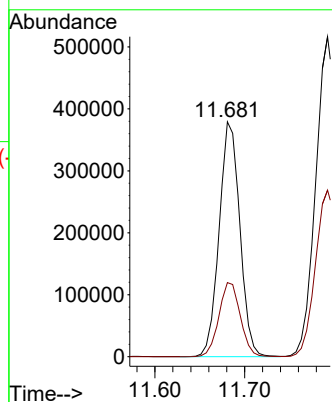
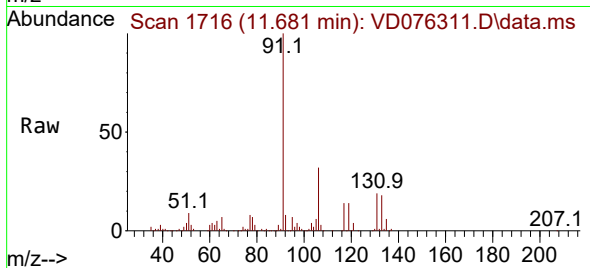
VSTDCCC050

Tgt Ion: 91 Resp: 607331

Ion Ratio Lower Upper

91 100

106 31.5 26.5 39.7



#68

m/p-Xylenes

Concen: 98.176 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076311.D

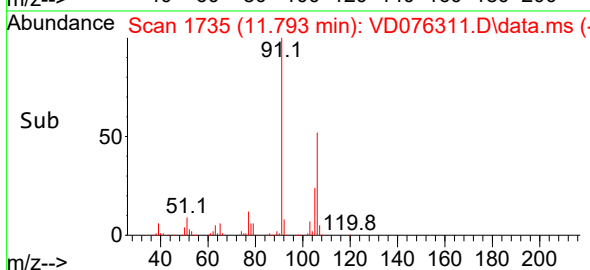
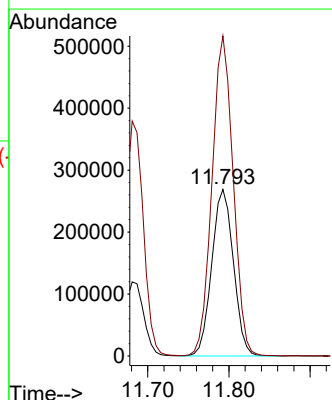
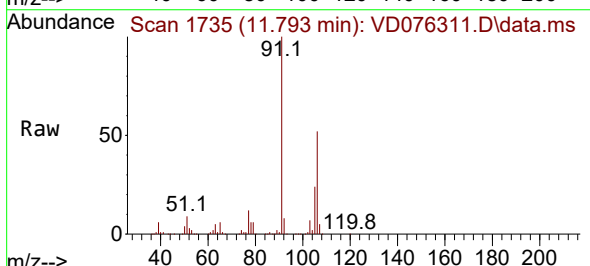
Acq: 02 Jun 2023 13:20

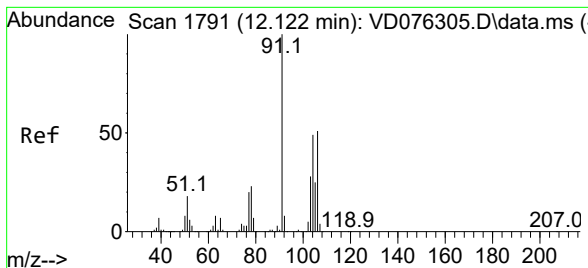
Tgt Ion: 106 Resp: 497791

Ion Ratio Lower Upper

106 100

91 188.0 147.0 220.6

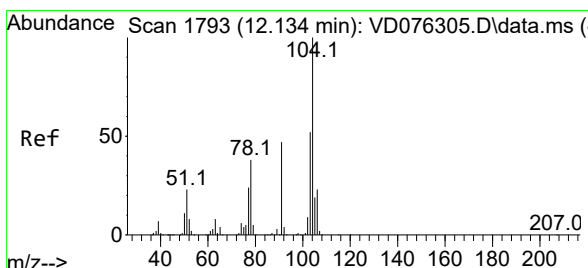
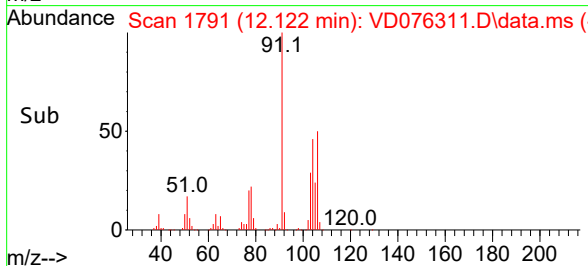
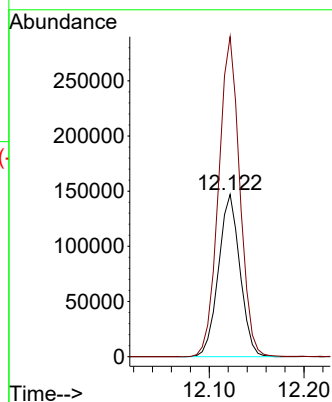
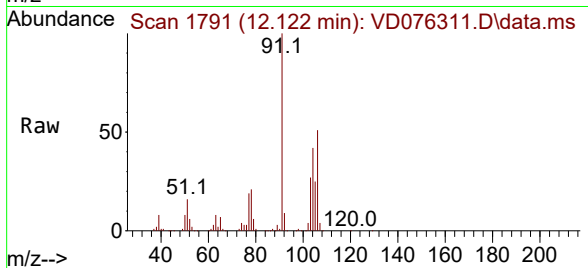




#69
o-Xylene
Concen: 49.724 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

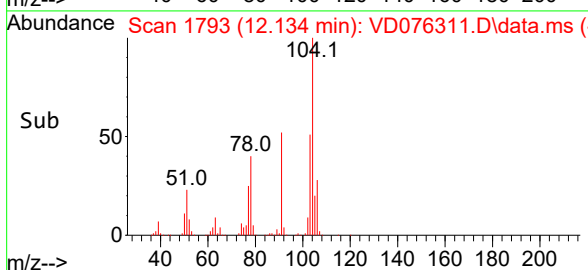
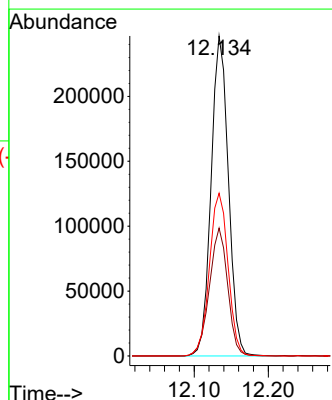
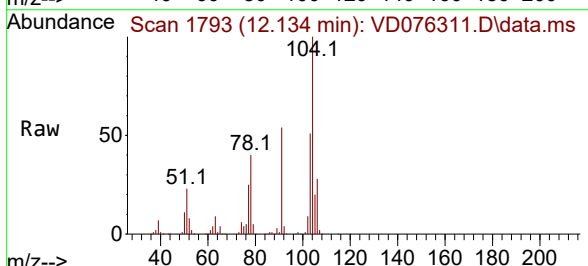
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

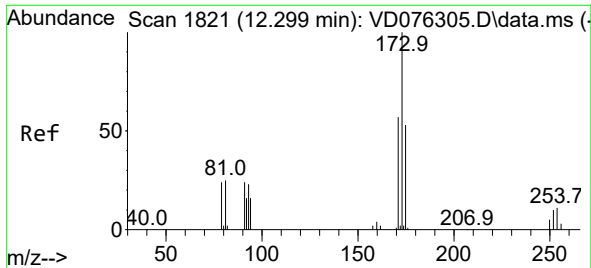
Tgt Ion:106 Resp: 231313
Ion Ratio Lower Upper
106 100
91 195.4 97.9 293.6



#70
Styrene
Concen: 49.820 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion:104 Resp: 399980
Ion Ratio Lower Upper
104 100
78 42.3 33.2 49.8
103 54.9 43.6 65.4

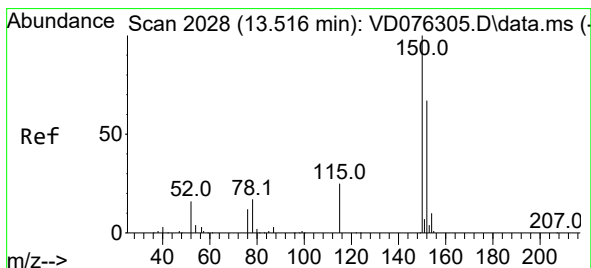
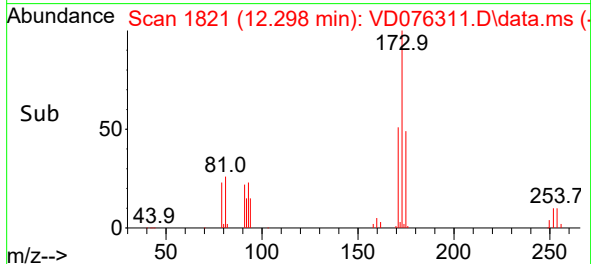
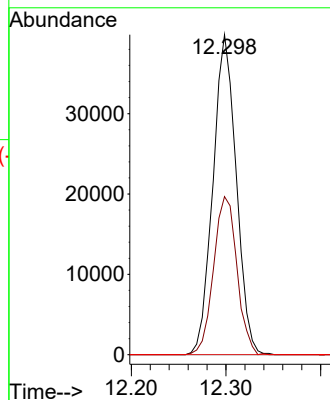
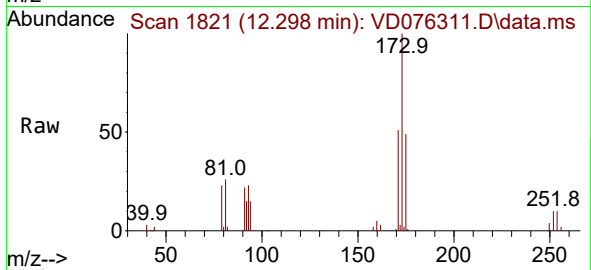




#71
Bromoform
Concen: 45.200 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

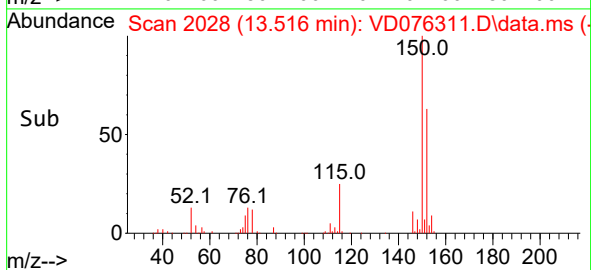
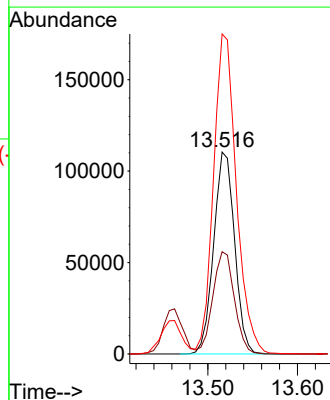
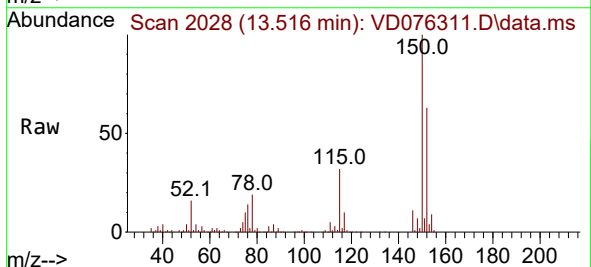
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

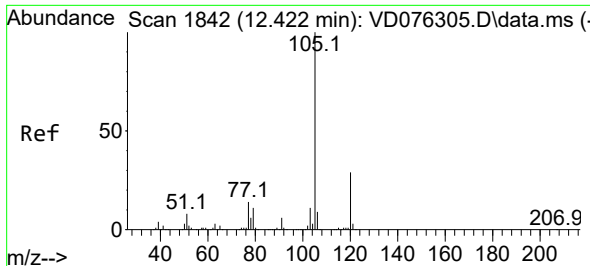
Tgt Ion:173 Resp: 67965
Ion Ratio Lower Upper
173 100
175 49.6 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion:152 Resp: 178930
Ion Ratio Lower Upper
152 100
115 52.0 27.1 81.3
150 172.8 0.0 353.6

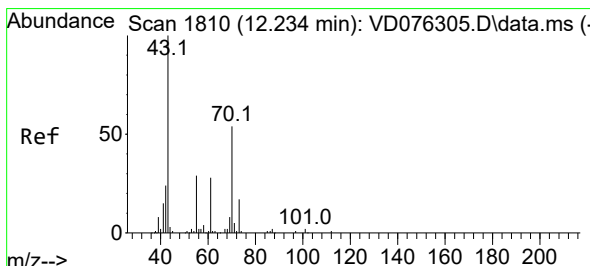
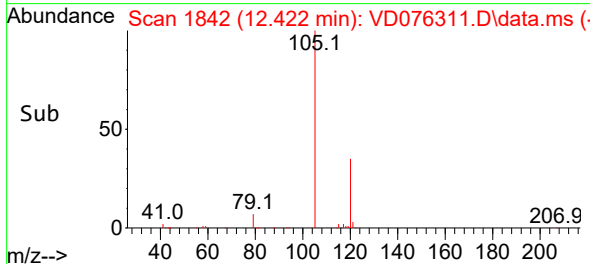
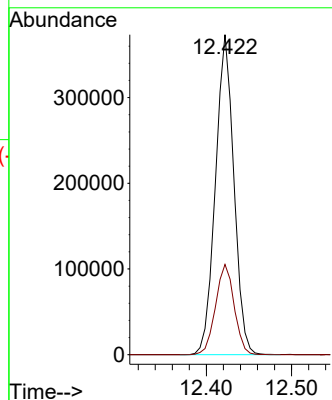
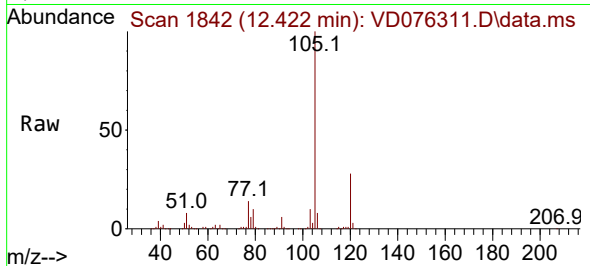




#73
Isopropylbenzene
Concen: 51.506 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

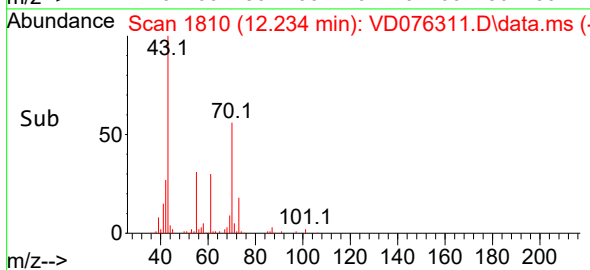
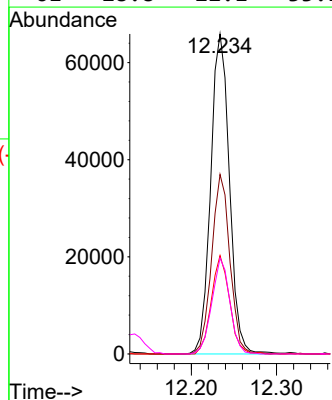
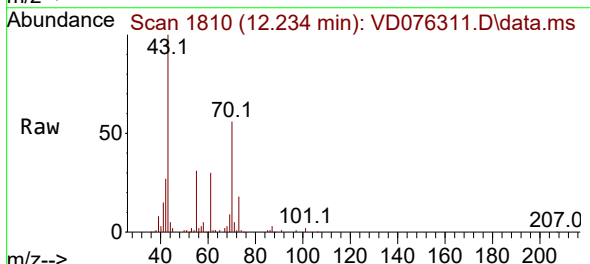
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

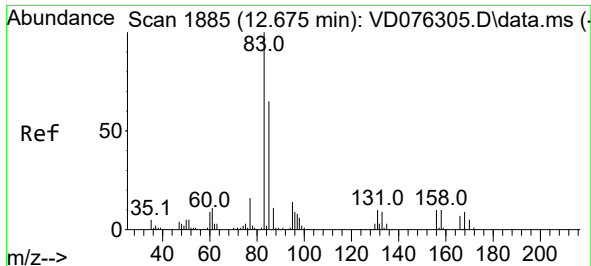
Tgt Ion:105 Resp: 561340
Ion Ratio Lower Upper
105 100
120 28.4 14.3 42.9



#74
N-ethyl acetate
Concen: 47.205 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 43 Resp: 100535
Ion Ratio Lower Upper
43 100
70 54.8 45.0 67.4
55 29.9 23.8 35.6
61 28.8 22.1 33.1

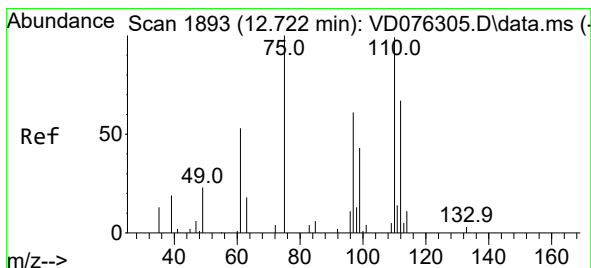
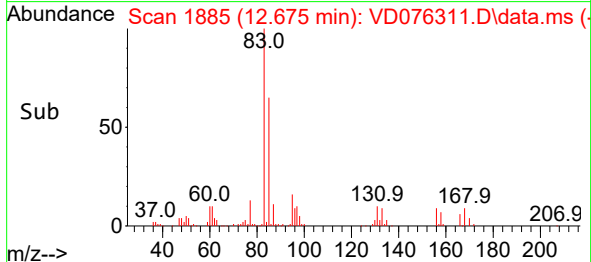
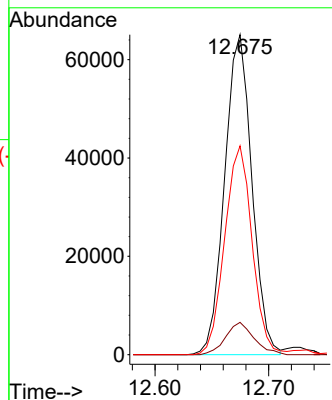
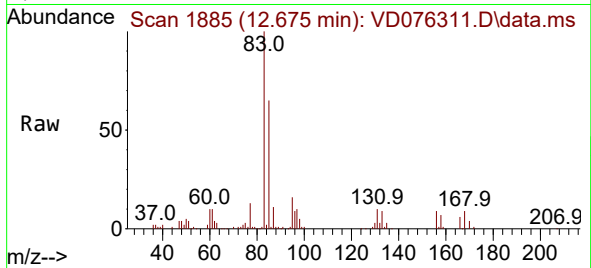




#75
1,1,2-Tetrachloroethane
Concen: 43.659 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

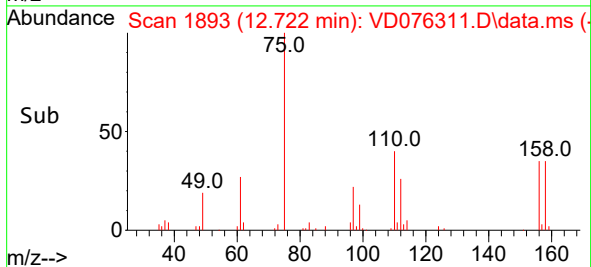
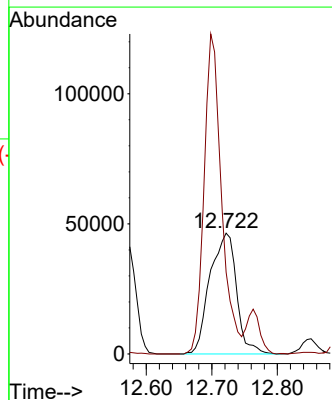
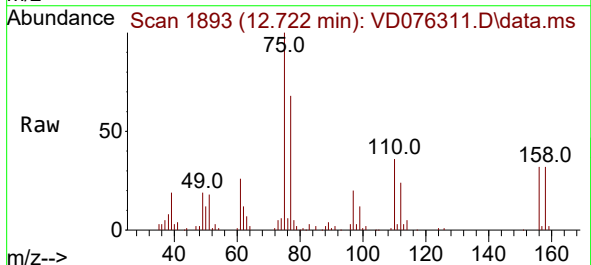
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

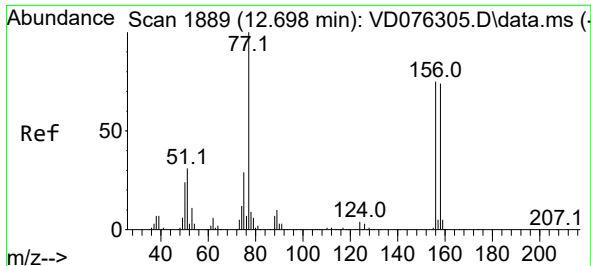
Tgt Ion: 83 Resp: 108536
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 65.6 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 81.226 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 75 Resp: 130752
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

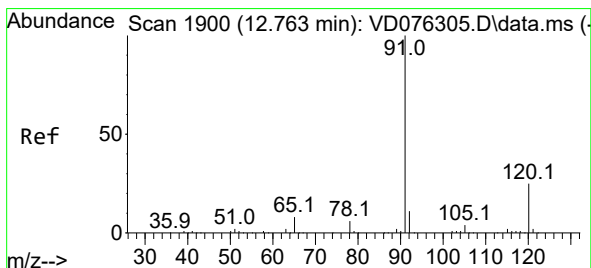
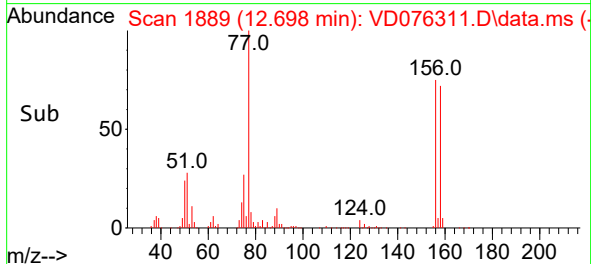
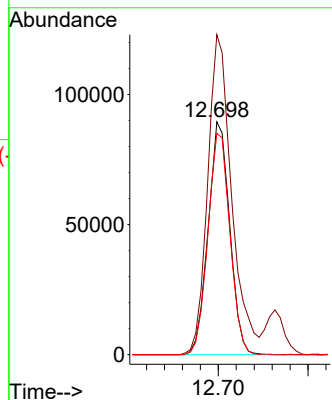
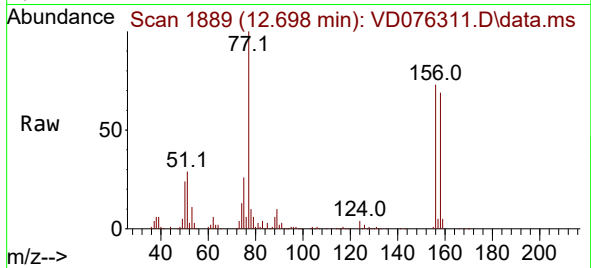




#77
Bromobenzene
Concen: 49.617 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

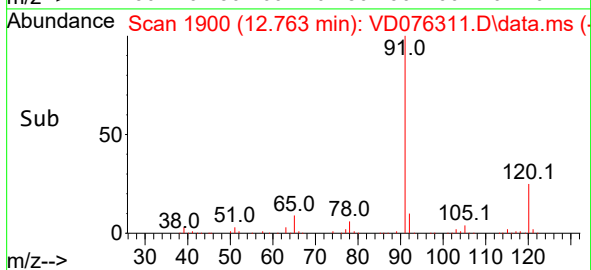
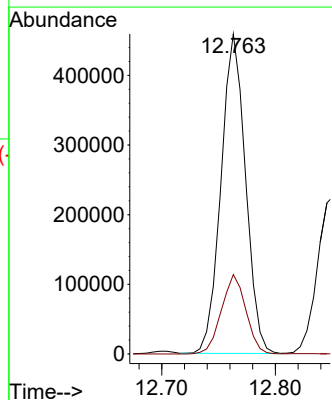
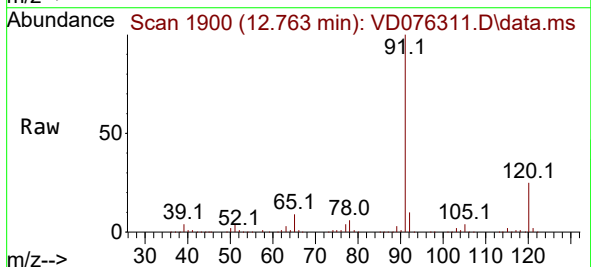
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

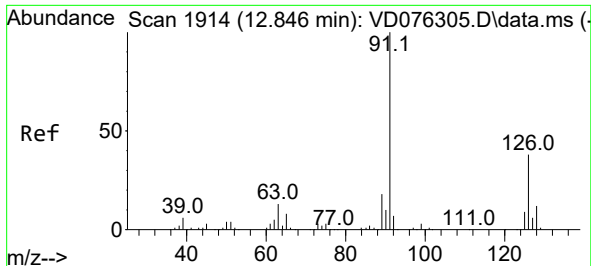
Tgt Ion:156 Resp: 149500
Ion Ratio Lower Upper
156 100
77 152.7 76.8 230.4
158 96.7 48.6 145.9



#78
n-propylbenzene
Concen: 50.488 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 91 Resp: 686900
Ion Ratio Lower Upper
91 100
120 24.8 12.4 37.2

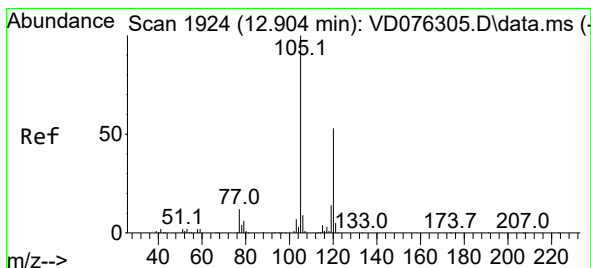
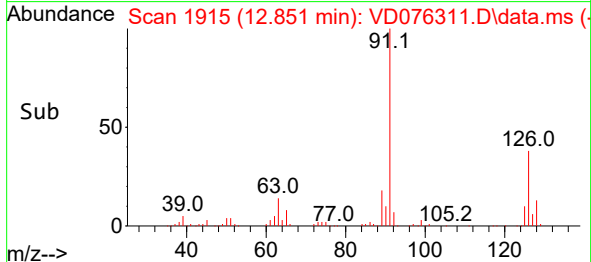
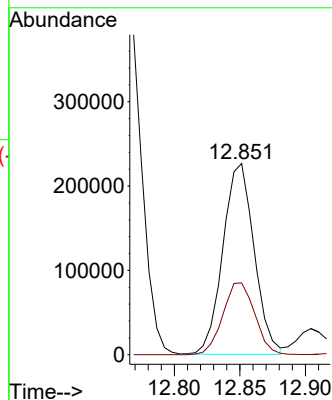
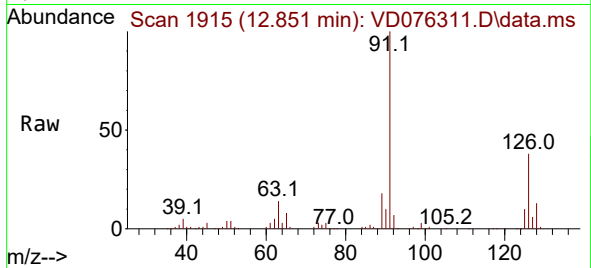




#79
2-Chlorotoluene
Concen: 49.424 ug/l
RT: 12.851 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

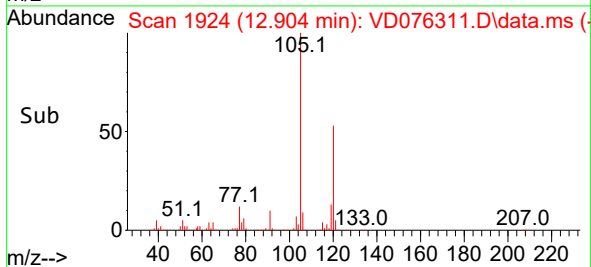
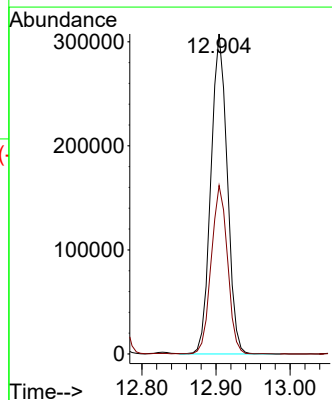
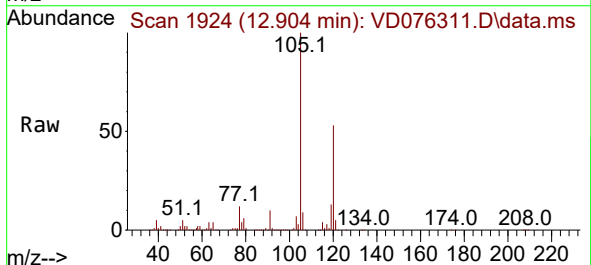
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

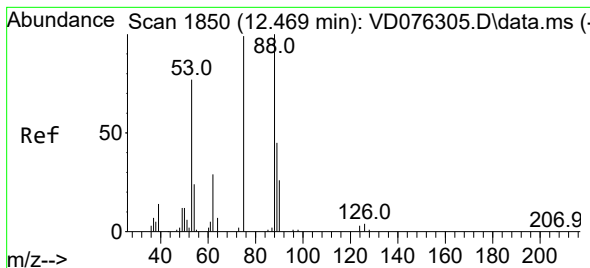
Tgt Ion: 91 Resp: 375073
Ion Ratio Lower Upper
91 100
126 38.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 51.938 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 105 Resp: 471177
Ion Ratio Lower Upper
105 100
120 52.1 26.4 79.2

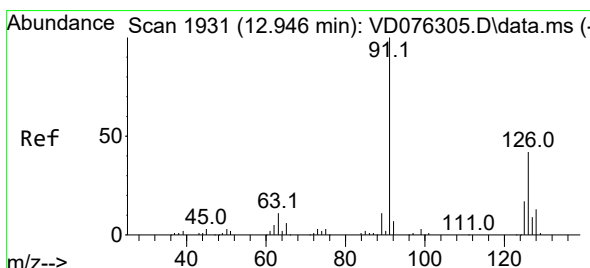
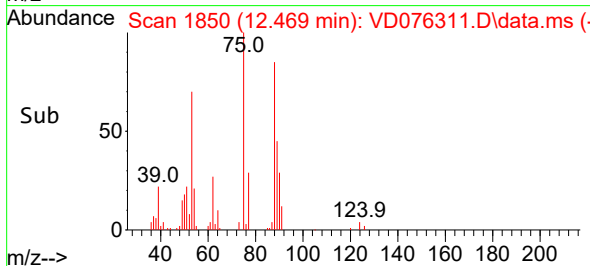
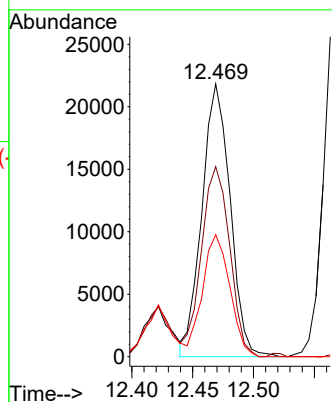
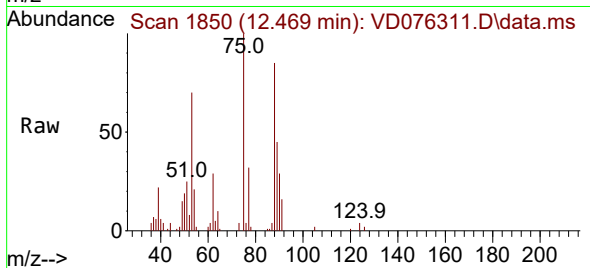




#81
trans-1,4-Dichloro-2-butene
Concen: 50.168 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

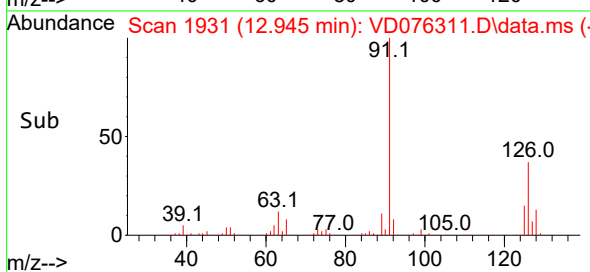
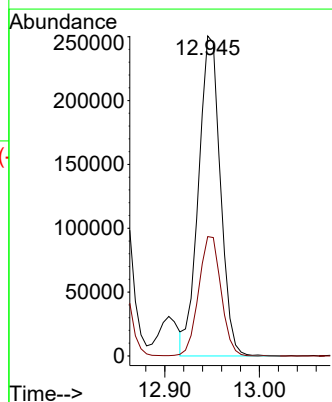
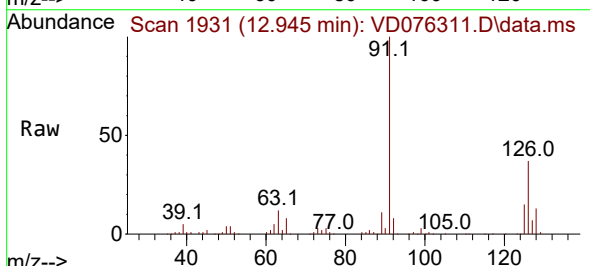
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

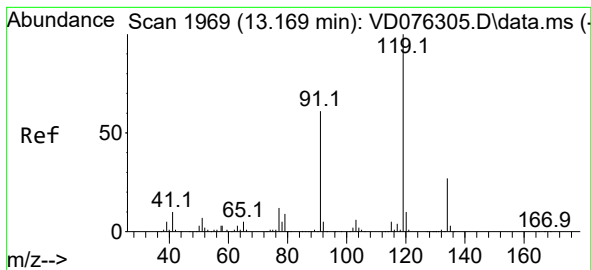
Tgt Ion: 75 Resp: 35205
Ion Ratio Lower Upper
75 100
53 70.0 63.0 94.4
89 43.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 49.478 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.001 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 91 Resp: 402572
Ion Ratio Lower Upper
91 100
126 38.2 19.4 58.4

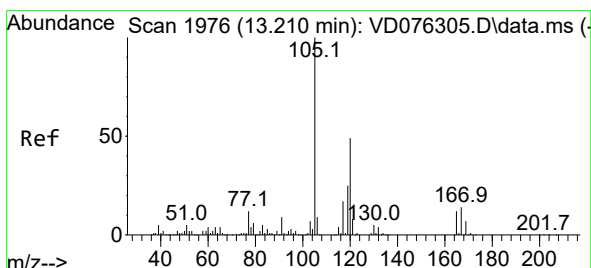
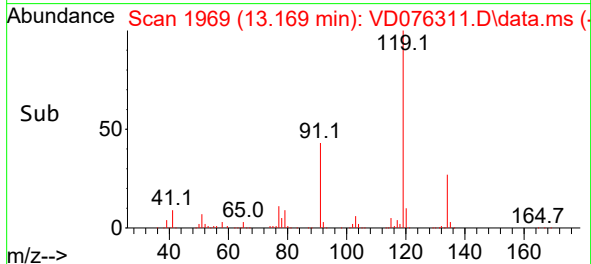
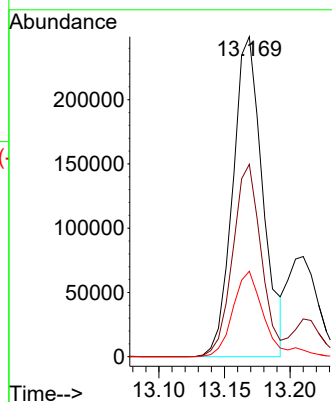
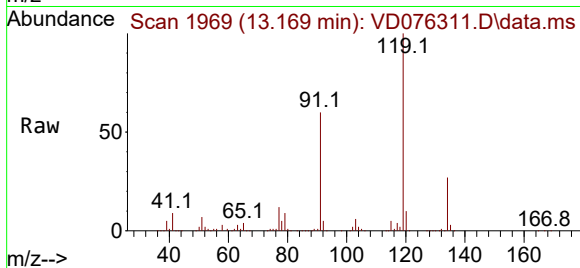




#83
tert-Butylbenzene
Concen: 51.329 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

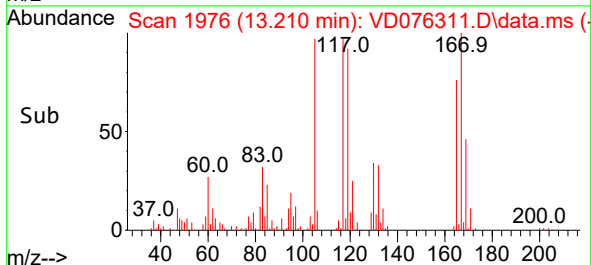
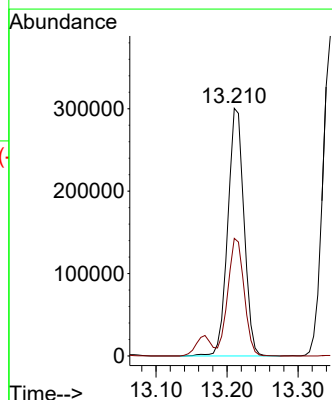
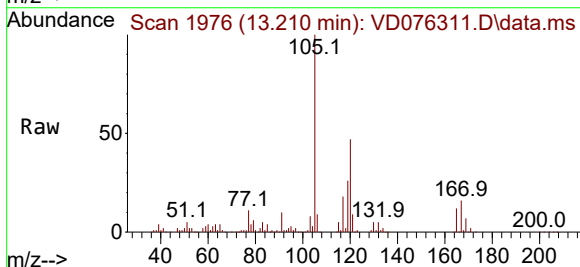
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

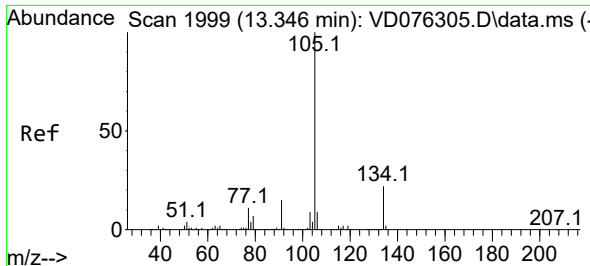
Tgt Ion:119 Resp: 395598
Ion Ratio Lower Upper
119 100
91 57.2 29.3 87.8
134 28.1 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 51.486 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion:105 Resp: 476724
Ion Ratio Lower Upper
105 100
120 47.3 24.3 72.9

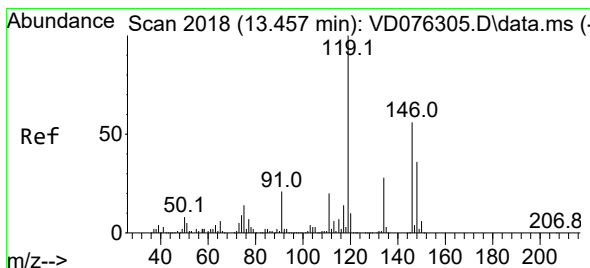
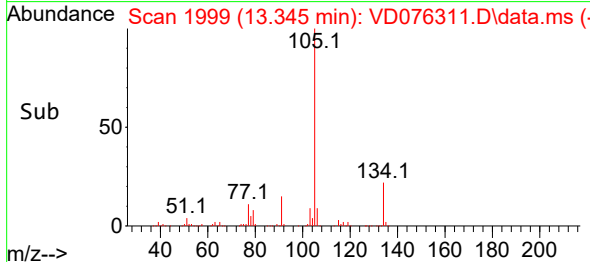
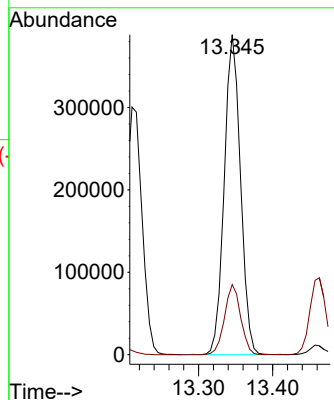
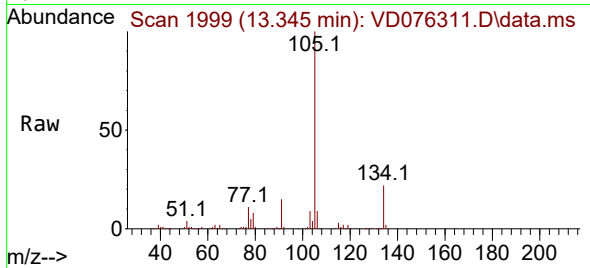




#85
 sec-Butylbenzene
 Concen: 50.456 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD076311.D
 Acq: 02 Jun 2023 13:20

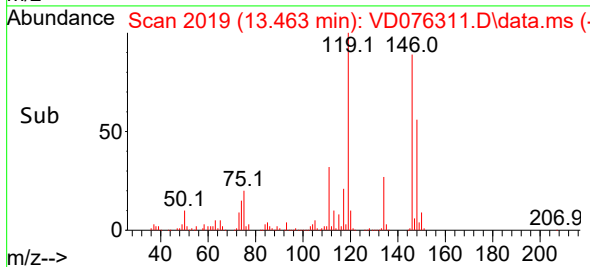
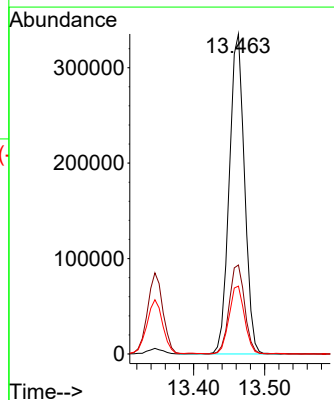
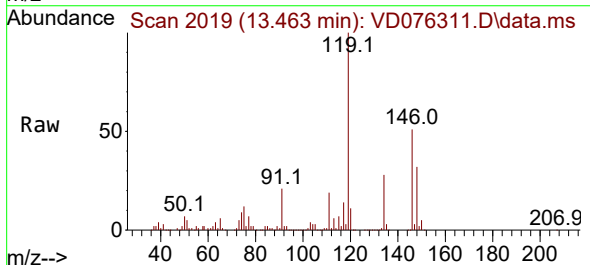
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

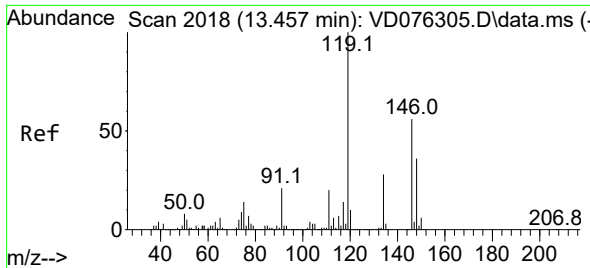
Tgt Ion:105 Resp: 590972
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 50.976 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD076311.D
 Acq: 02 Jun 2023 13:20

Tgt Ion:119 Resp: 499325
 Ion Ratio Lower Upper
 119 100
 134 28.3 14.2 42.6
 91 21.4 10.5 31.5

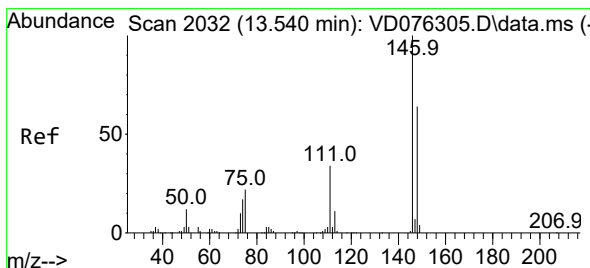
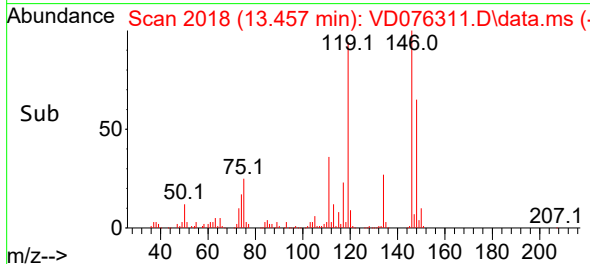
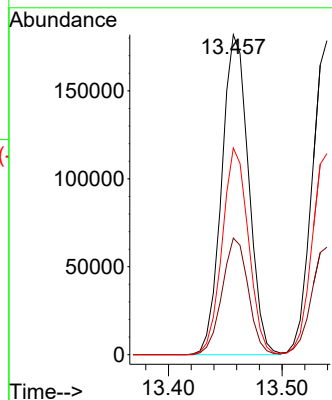
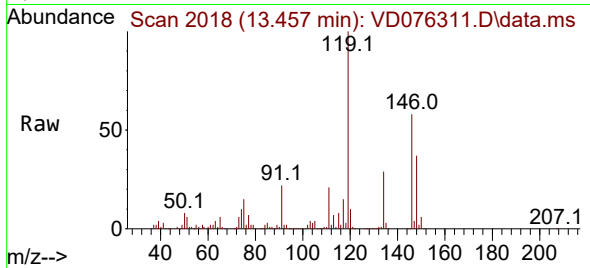




#87
 1,3-Dichlorobenzene
 Concen: 49.040 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD076311.D
 Acq: 02 Jun 2023 13:20

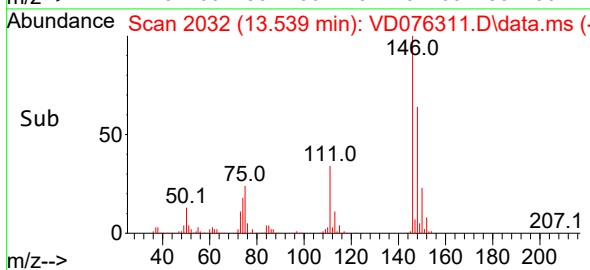
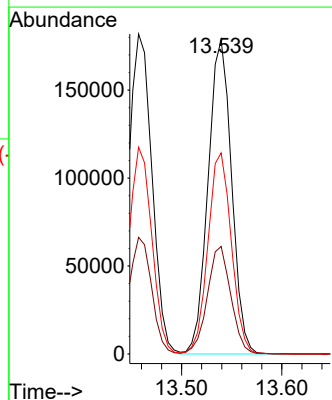
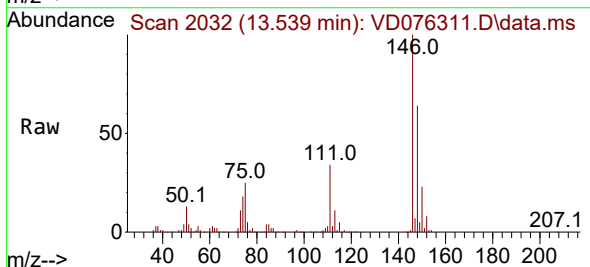
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

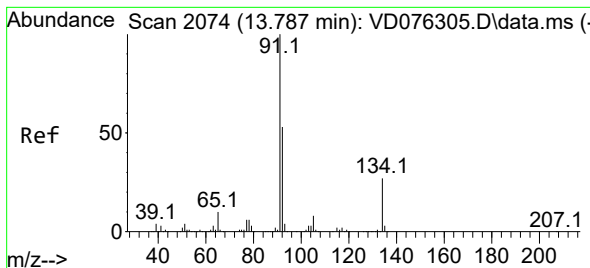
Tgt Ion:146 Resp: 299109
 Ion Ratio Lower Upper
 146 100
 111 35.4 17.9 53.8
 148 62.9 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 47.018 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD076311.D
 Acq: 02 Jun 2023 13:20

Tgt Ion:146 Resp: 291229
 Ion Ratio Lower Upper
 146 100
 111 34.3 17.4 52.3
 148 63.9 31.7 95.1





#89

n-Butylbenzene

Concen: 50.628 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076311.D

Acq: 02 Jun 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

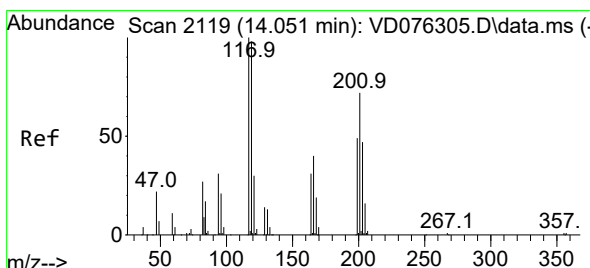
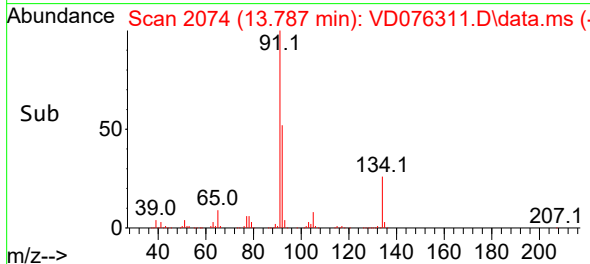
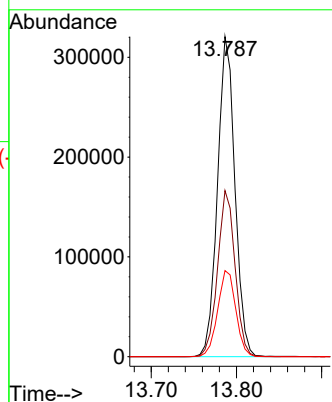
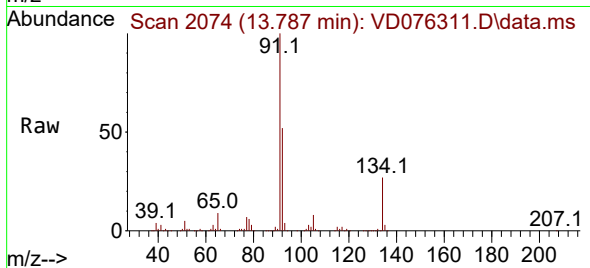
Tgt Ion: 91 Resp: 455474

Ion Ratio Lower Upper

91 100

92 52.1 26.5 79.5

134 28.0 13.8 41.3



#90

Hexachloroethane

Concen: 47.822 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD076311.D

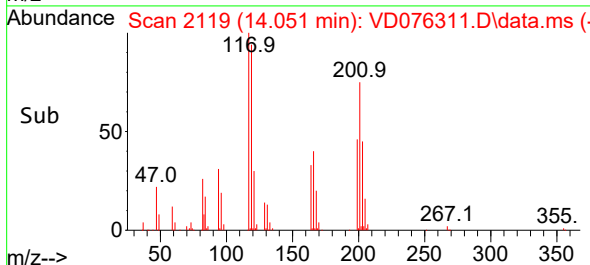
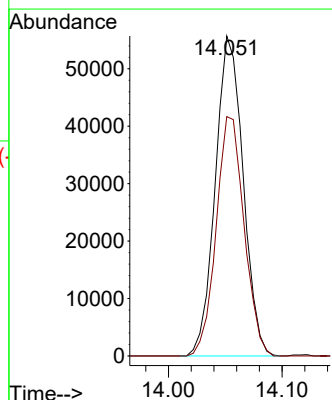
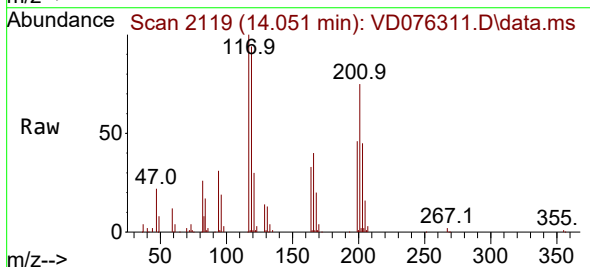
Acq: 02 Jun 2023 13:20

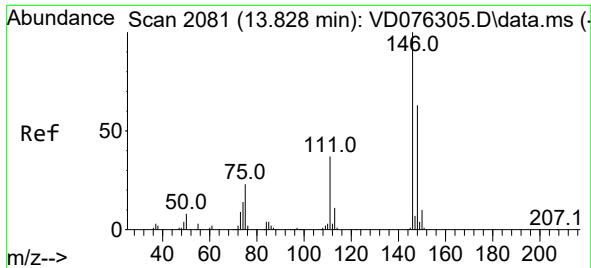
Tgt Ion: 117 Resp: 94729

Ion Ratio Lower Upper

117 100

201 75.1 38.5 115.5

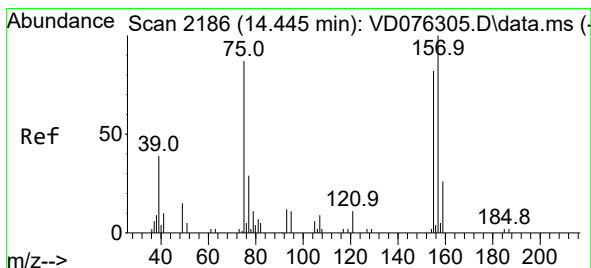
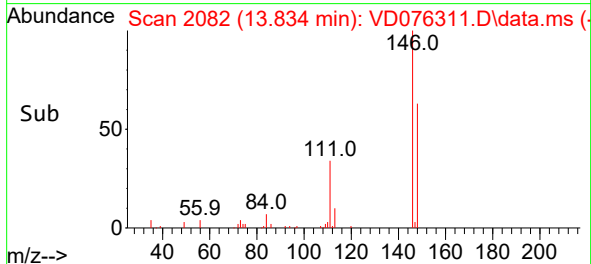
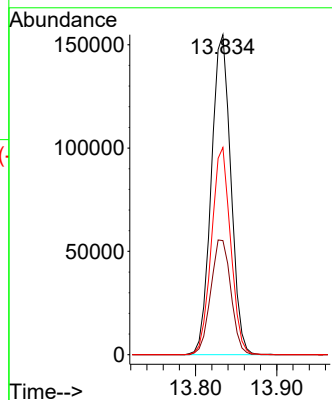
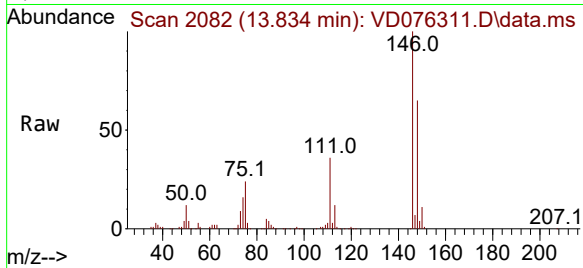




#91
1,2-Dichlorobenzene
Concen: 48.231 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

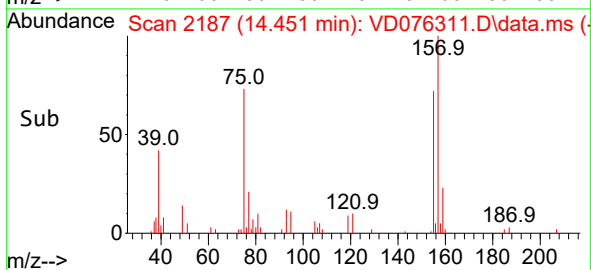
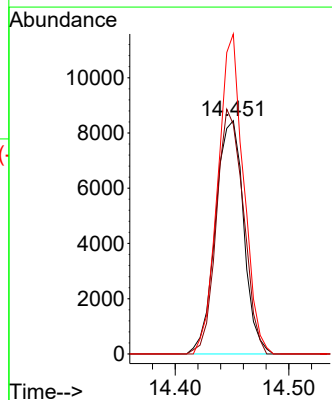
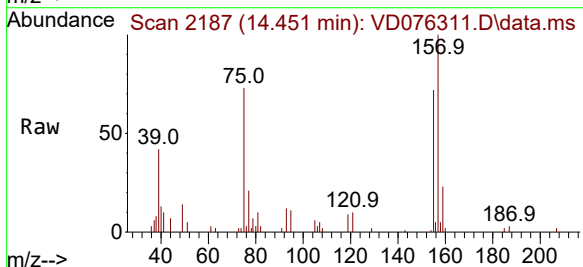
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

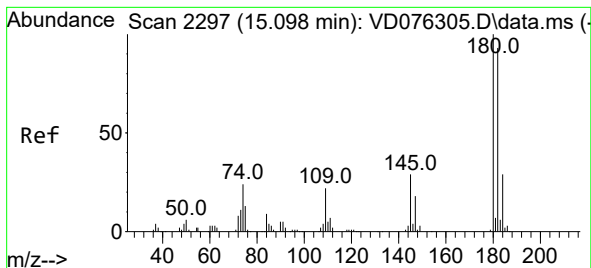
Tgt Ion:146 Resp: 258814
Ion Ratio Lower Upper
146 100
111 37.0 18.3 54.8
148 63.5 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.365 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076311.D
Acq: 02 Jun 2023 13:20

Tgt Ion: 75 Resp: 14583
Ion Ratio Lower Upper
75 100
155 100.0 47.9 143.8
157 124.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 49.145 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD076311.D

Acq: 02 Jun 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

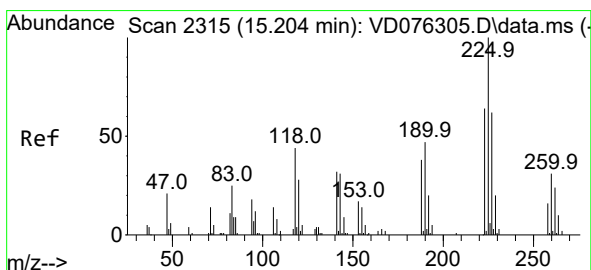
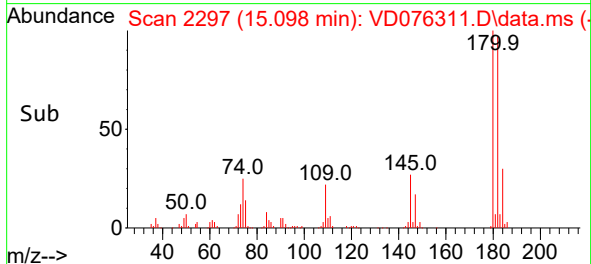
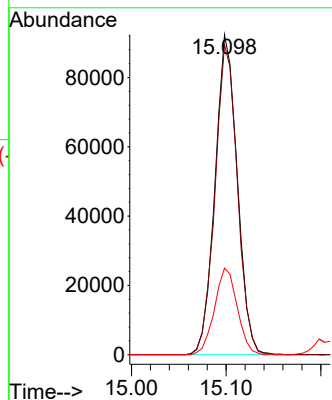
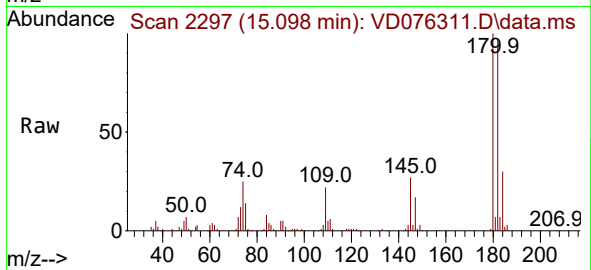
Tgt Ion:180 Resp: 150920

Ion Ratio Lower Upper

180 100

182 97.3 48.5 145.6

145 27.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 47.116 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD076311.D

Acq: 02 Jun 2023 13:20

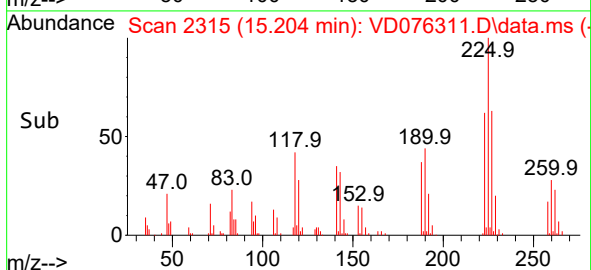
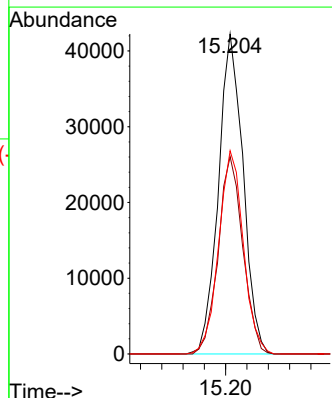
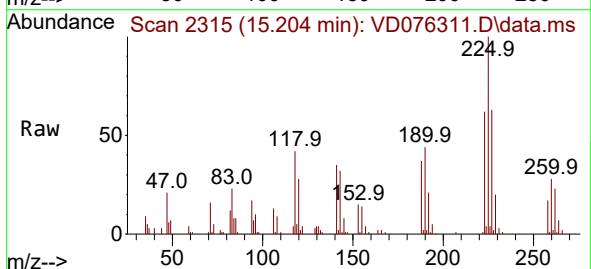
Tgt Ion:225 Resp: 67817

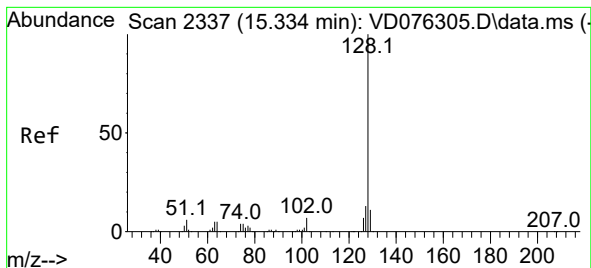
Ion Ratio Lower Upper

225 100

223 61.3 31.6 94.8

227 63.5 31.7 95.1





#95

Naphthalene

Concen: 43.562 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD076311.D

Acq: 02 Jun 2023 13:20

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

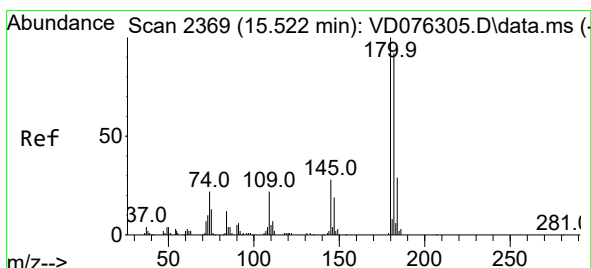
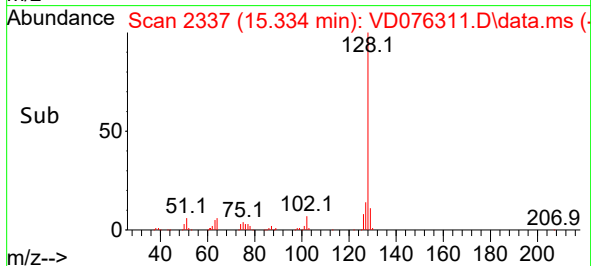
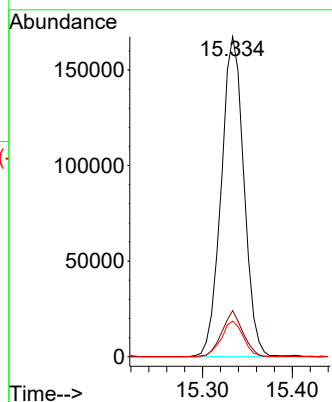
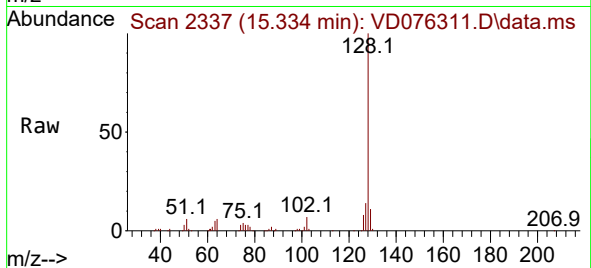
Tgt Ion:128 Resp: 293658

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.814 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076311.D

Acq: 02 Jun 2023 13:20

Tgt Ion:180 Resp: 137621

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

145 29.3 15.1 45.3

