

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062623\
 Data File : VD076587.D
 Acq On : 26 Jun 2023 18:28
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 27 04:29:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	120128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	201180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	187504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97464	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58022	48.208	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.420%
35) Dibromofluoromethane	7.804	113	61494	51.453	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.900%
50) Toluene-d8	10.269	98	218416	48.188	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.380%
62) 4-Bromofluorobenzene	12.575	95	75576	51.377	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.760%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	39118	42.855	ug/l	97
3) Chloromethane	2.146	50	81494	42.927	ug/l	98
4) Vinyl Chloride	2.275	62	92058	43.471	ug/l	99
5) Bromomethane	2.681	94	53880	39.130	ug/l	96
6) Chloroethane	2.822	64	68500	47.194	ug/l	93
7) Trichlorofluoromethane	3.164	101	87233	50.054	ug/l	99
8) Diethyl Ether	3.587	74	30451	46.427	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.952	101	51182	45.602	ug/l	94
10) Methyl Iodide	4.152	142	60573	45.522	ug/l #	89
11) Tert butyl alcohol	5.063	59	22230	213.920	ug/l	95
12) 1,1-Dichloroethene	3.934	96	49500	45.032	ug/l #	78
13) Acrolein	3.799	56	29222	261.074	ug/l	96
14) Allyl chloride	4.558	41	85159	42.362	ug/l #	87
15) Acrylonitrile	5.252	53	80618	239.034	ug/l	97
16) Acetone	4.016	43	62291	217.492	ug/l #	82
17) Carbon Disulfide	4.263	76	123387	41.083	ug/l	95
18) Methyl Acetate	4.563	43	60672	45.967	ug/l #	82
19) Methyl tert-butyl Ether	5.316	73	144897	48.191	ug/l	98
20) Methylene Chloride	4.793	84	65528	39.129	ug/l #	80
21) trans-1,2-Dichloroethene	5.305	96	59505	46.836	ug/l	87
22) Diisopropyl ether	6.216	45	199851	45.977	ug/l #	89
23) Vinyl Acetate	6.152	43	431899	200.455	ug/l #	89
24) 1,1-Dichloroethane	6.105	63	111146	45.790	ug/l	99
25) 2-Butanone	7.087	43	99905	225.528	ug/l #	81
26) 2,2-Dichloropropane	7.075	77	94415	45.116	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	73295	47.668	ug/l	88
28) Bromochloromethane	7.422	49	30052	42.676	ug/l #	73
29) Tetrahydrofuran	7.446	42	65697	230.772	ug/l #	80
30) Chloroform	7.593	83	119397	49.678	ug/l	99
31) Cyclohexane	7.881	56	81273	43.419	ug/l	82
32) 1,1,1-Trichloroethane	7.793	97	99178	51.049	ug/l	98
36) 1,1-Dichloropropene	8.004	75	82250	49.144	ug/l	97
37) Ethyl Acetate	7.163	43	45750	47.173	ug/l	95
38) Carbon Tetrachloride	7.987	117	80162	53.588	ug/l	90
39) Methylcyclohexane	9.275	83	89858	45.751	ug/l	94
40) Benzene	8.246	78	249461	48.877	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	29442	53.761	ug/l #	74
42) 1,2-Dichloroethane	8.322	62	73996	53.656	ug/l	94
43) Isopropyl Acetate	8.363	43	87978	47.917	ug/l #	85
44) Trichloroethene	9.028	130	67385	48.943	ug/l	95
45) 1,2-Dichloropropane	9.304	63	69171	49.985	ug/l	98
46) Dibromomethane	9.393	93	40302	54.366	ug/l	91
47) Bromodichloromethane	9.587	83	92775	52.297	ug/l	96
48) Methyl methacrylate	9.381	41	39134	46.503	ug/l #	74
49) 1,4-Dioxane	9.381	88	9851	1109.097	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	243551	259.496	ug/l #	85
52) Toluene	10.334	92	160119	49.994	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	90483	50.265	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	104362	48.899	ug/l #	81
55) 1,1,2-Trichloroethane	10.734	97	53380	51.478	ug/l	91
56) Ethyl methacrylate	10.598	69	67286	49.696	ug/l #	72
57) 1,3-Dichloropropane	10.881	76	90007	50.698	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	128719	224.242	ug/l	93
59) 2-Hexanone	10.922	43	164442	251.879	ug/l	83
60) Dibromochloromethane	11.075	129	65989	54.682	ug/l	93
61) 1,2-Dibromoethane	11.181	107	52000	53.420	ug/l	99
64) Tetrachloroethene	10.810	164	58349	51.842	ug/l	98
65) Chlorobenzene	11.610	112	177002	49.689	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	68951	54.124	ug/l	96
67) Ethyl Benzene	11.687	91	315748	50.024	ug/l	96
68) m/p-Xylenes	11.792	106	246792	100.162	ug/l	92
69) o-Xylene	12.122	106	117682	50.175	ug/l	90
70) Styrene	12.140	104	206813	51.045	ug/l	95
71) Bromoform	12.298	173	43095	56.340	ug/l #	99
73) Isopropylbenzene	12.422	105	310762	47.358	ug/l	97
74) N-amyl acetate	12.234	43	87602	45.601	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.675	83	65910	48.675	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	82454	85.241	ug/l #	100
77) Bromobenzene	12.698	156	77254	47.720	ug/l	88
78) n-propylbenzene	12.763	91	379199	46.801	ug/l	97
79) 2-Chlorotoluene	12.851	91	209515	47.090	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	254580	47.506	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	18928	42.877	ug/l #	83
82) 4-Chlorotoluene	12.945	91	222802	48.218	ug/l	94
83) tert-Butylbenzene	13.169	119	228402	47.968	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	257936	47.763	ug/l	99
85) sec-Butylbenzene	13.345	105	338736	47.938	ug/l	98
86) p-Isopropyltoluene	13.463	119	285474	48.350	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	153652	48.318	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	153451	48.384	ug/l	98
89) n-Butylbenzene	13.787	91	274728	47.705	ug/l	98
90) Hexachloroethane	14.051	117	52227	47.933	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	134020	48.229	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9199	45.134	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	85432	46.131	ug/l	99
94) Hexachlorobutadiene	15.204	225	42987	47.744	ug/l	97
95) Naphthalene	15.333	128	177218	47.855	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	77702	48.158	ug/l	98

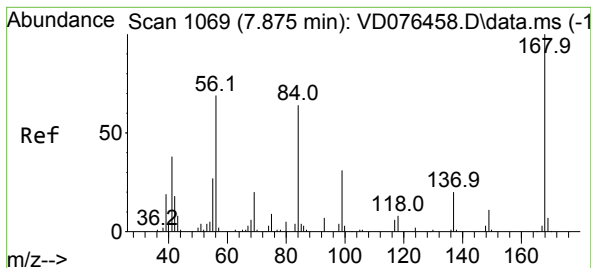
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QLast Update : Mon Jun 19 04:51:45 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

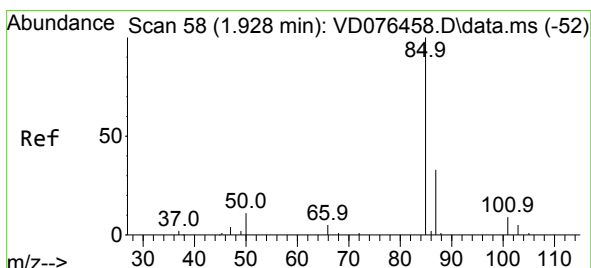
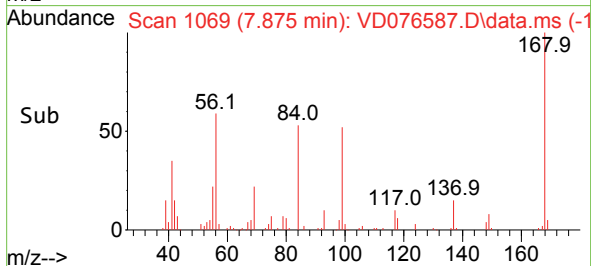
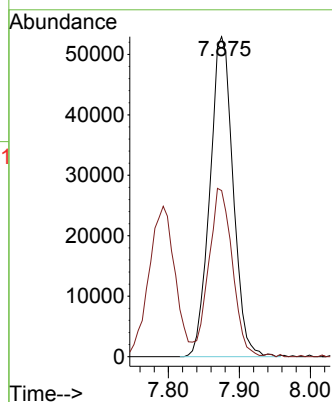
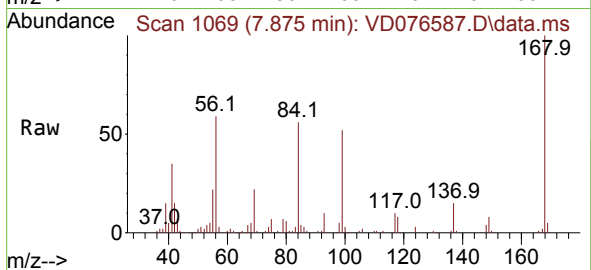
VSTDCCC050EC

Tgt Ion:168 Resp: 120128

Ion Ratio Lower Upper

168 100

99 51.2 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 42.855 ug/l

RT: 1.928 min Scan# 58

Delta R.T. -0.000 min

Lab File: VD076587.D

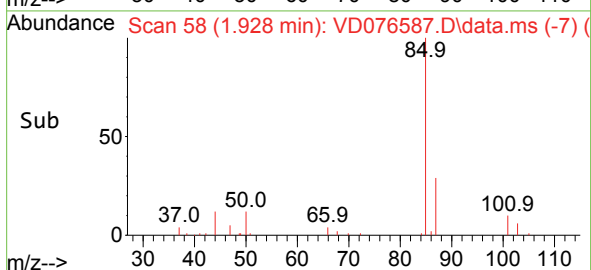
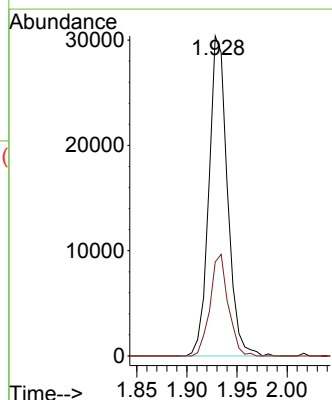
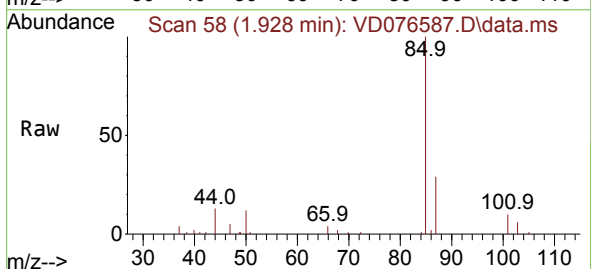
Acq: 26 Jun 2023 18:28

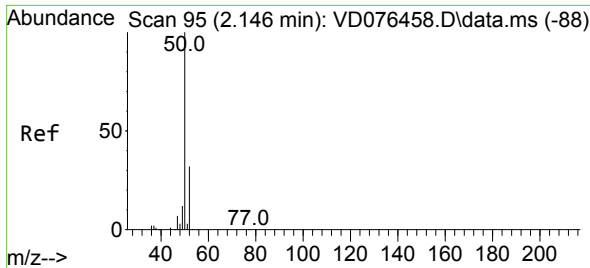
Tgt Ion: 85 Resp: 39118

Ion Ratio Lower Upper

85 100

87 29.4 15.7 47.0

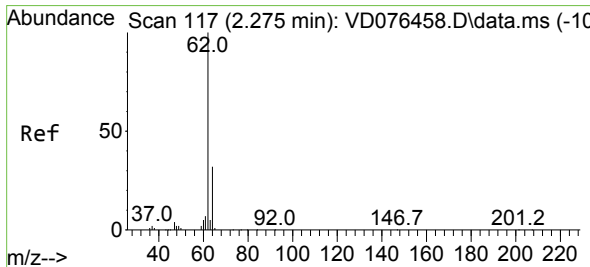
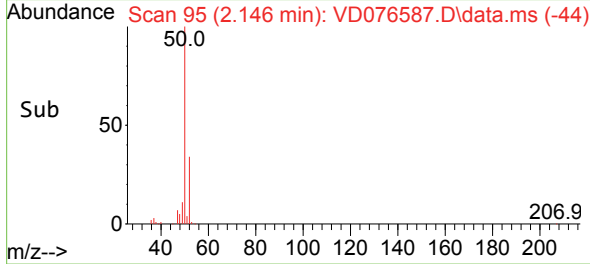
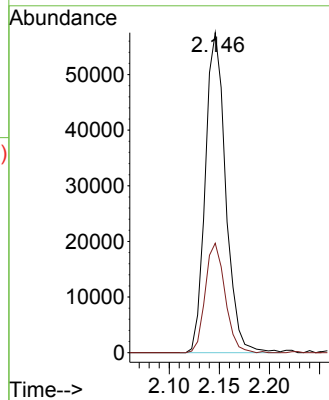
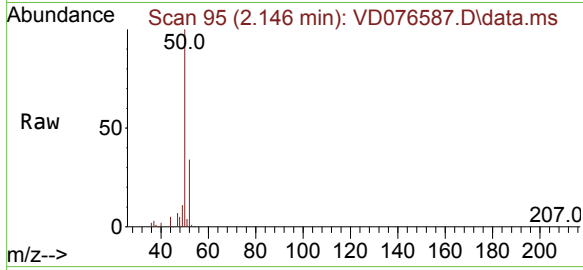




#3
Chloromethane
Concen: 42.927 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

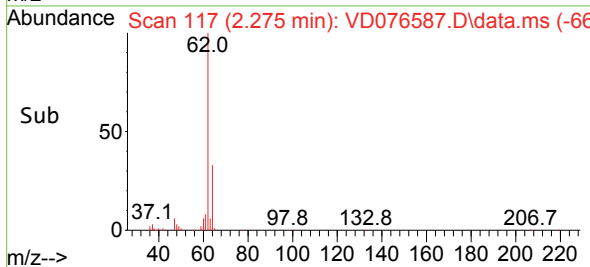
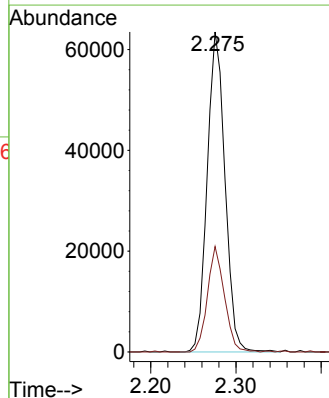
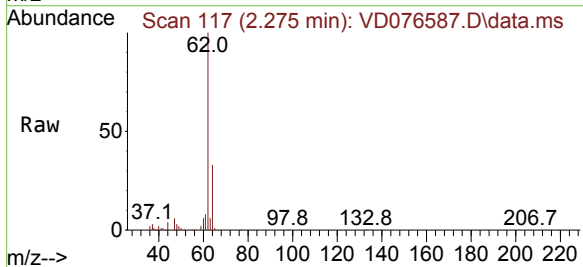
Instrument :
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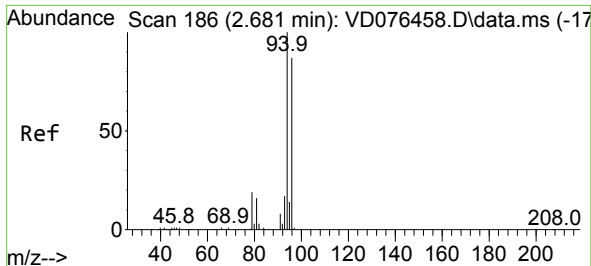
Tgt Ion: 50 Resp: 81494
Ion Ratio Lower Upper
50 100
52 34.2 26.6 40.0



#4
Vinyl Chloride
Concen: 43.471 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 62 Resp: 92058
Ion Ratio Lower Upper
62 100
64 32.9 26.0 39.0

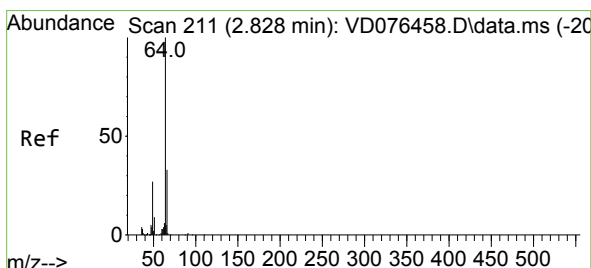
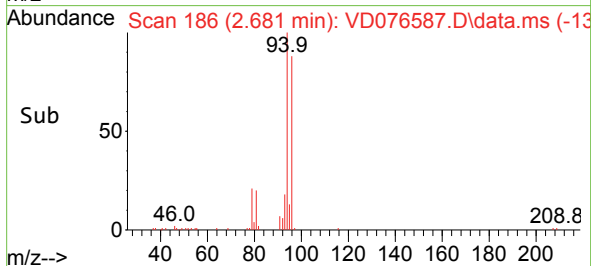
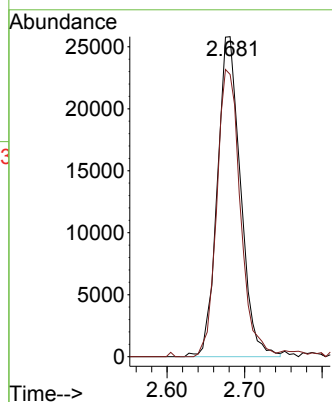
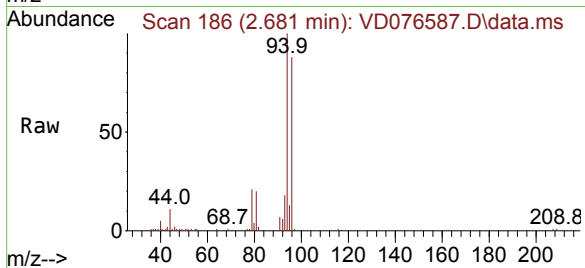




#5
Bromomethane
Concen: 39.130 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

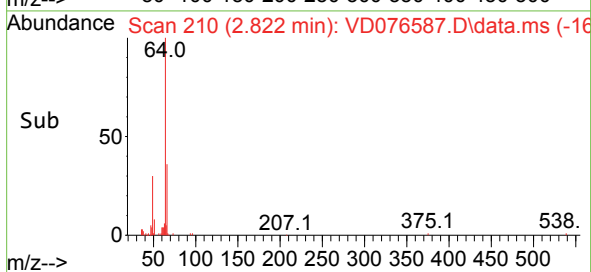
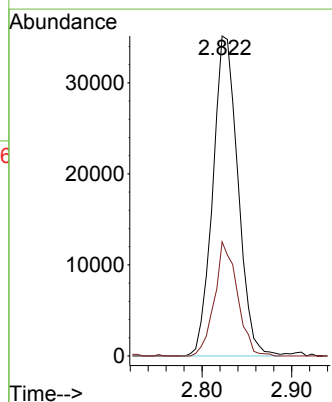
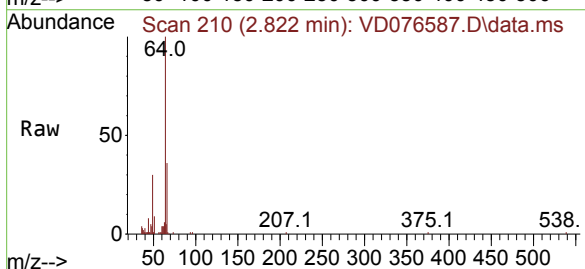
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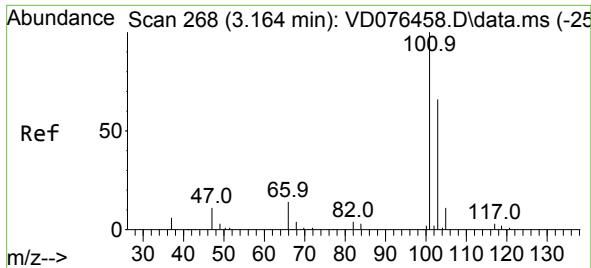
Tgt Ion: 94 Resp: 53880
Ion Ratio Lower Upper
94 100
96 90.8 75.8 113.8



#6
Chloroethane
Concen: 47.194 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 64 Resp: 68500
Ion Ratio Lower Upper
64 100
66 35.6 25.5 38.3

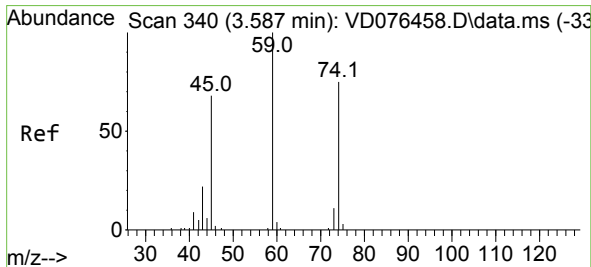
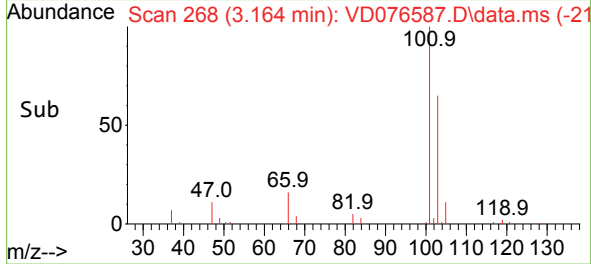
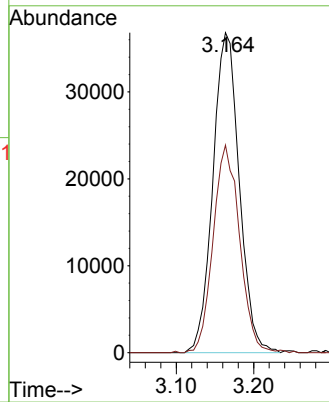
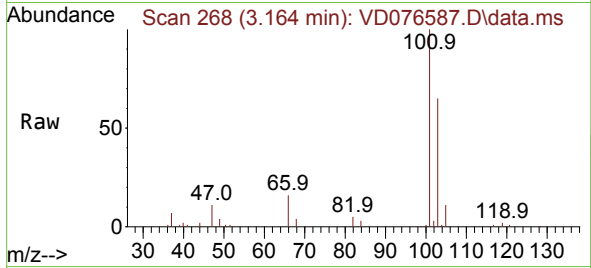




#7
Trichlorofluoromethane
Concen: 50.054 ug/l
RT: 3.164 min Scan# 210
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

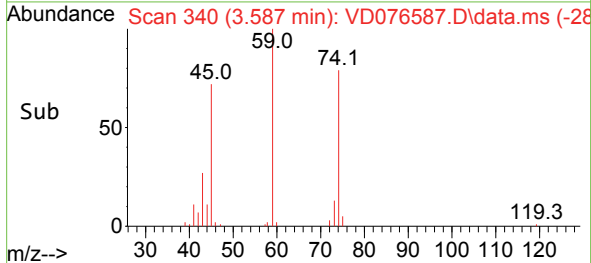
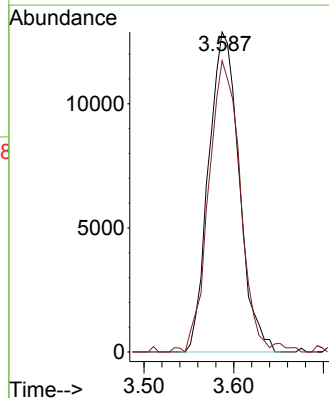
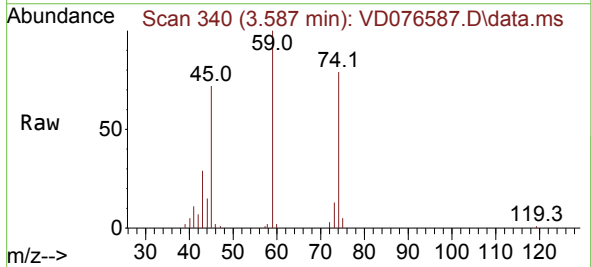
Instrument :
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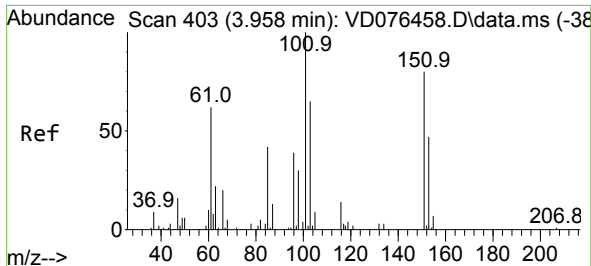
Tgt Ion:101 Resp: 87233
Ion Ratio Lower Upper
101 100
103 64.9 52.3 78.5



#8
Diethyl Ether
Concen: 46.427 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 74 Resp: 30451
Ion Ratio Lower Upper
74 100
45 93.3 37.5 112.7

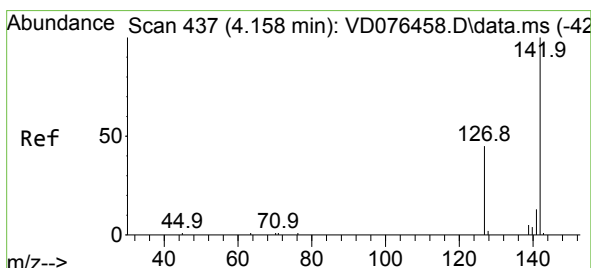
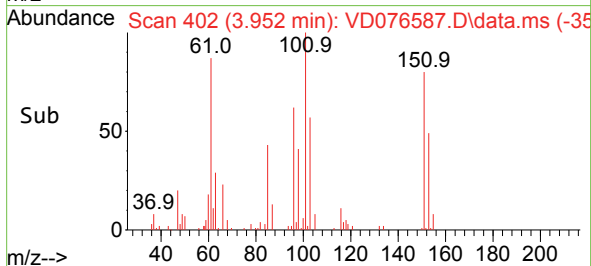
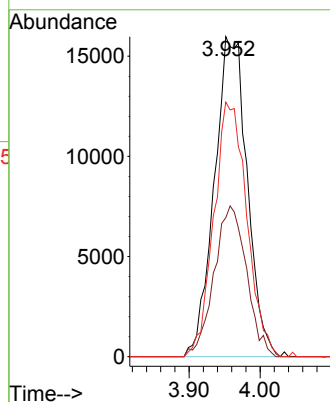
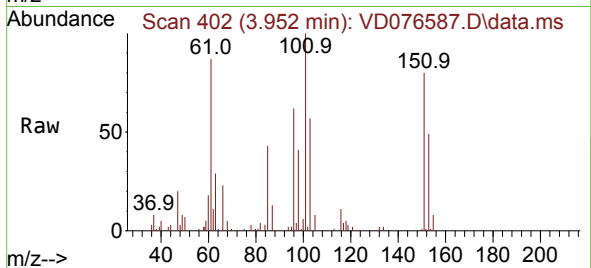




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.602 ug/l
RT: 3.952 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD076587.D
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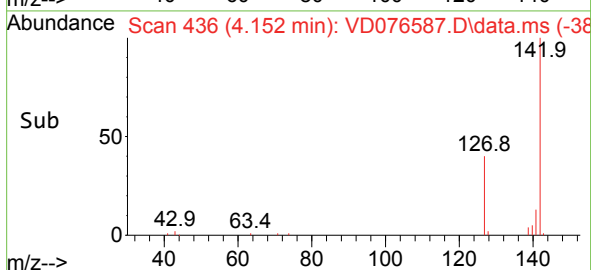
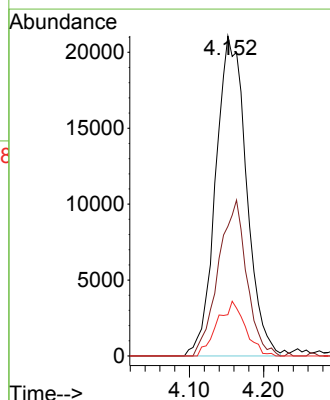
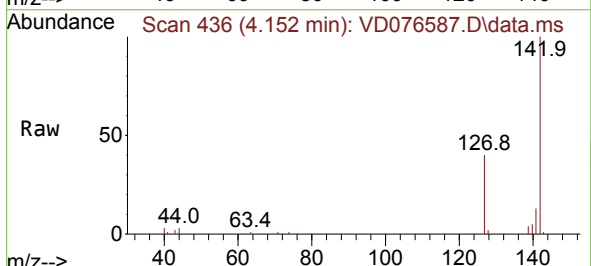
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

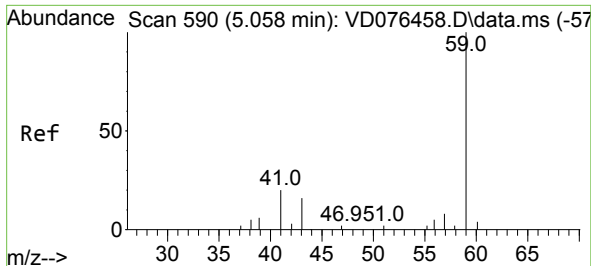
Tgt Ion:101	Resp:	51182
Ion Ratio	Lower	Upper
101	100	
85	46.6	33.8 50.6
151	79.9	59.8 89.6



#10
Methyl Iodide
Concen: 45.522 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion:142	Resp:	60573
Ion Ratio	Lower	Upper
142	100	
127	45.0	29.4 44.0#
141	15.6	11.1 16.7

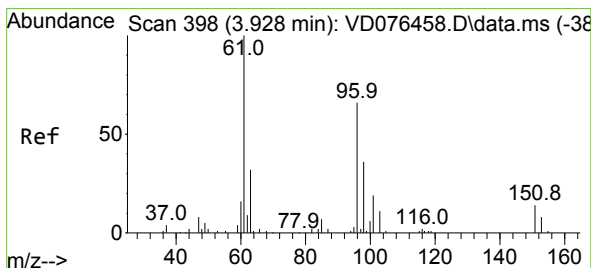
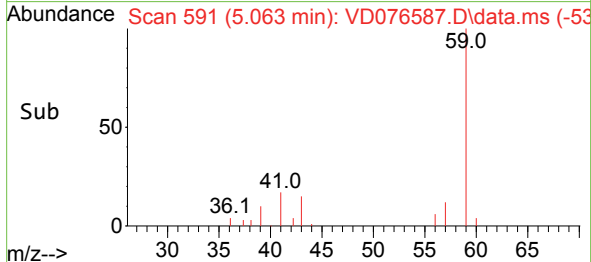
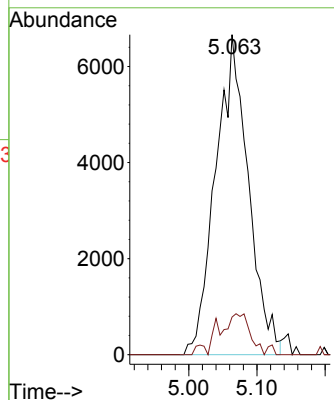
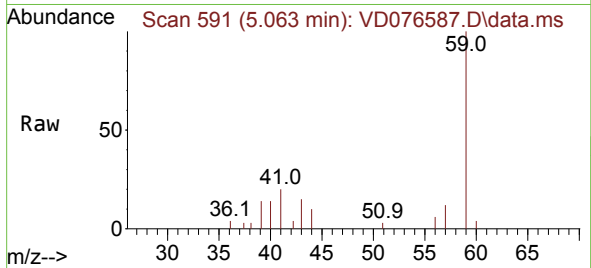




#11
Tert butyl alcohol
Concen: 213.920 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

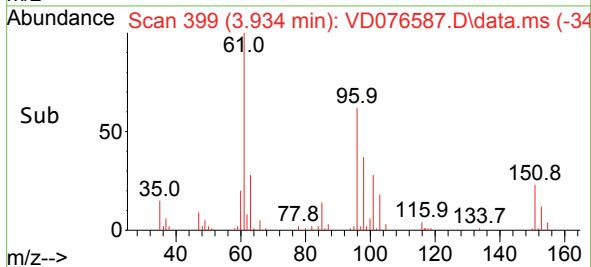
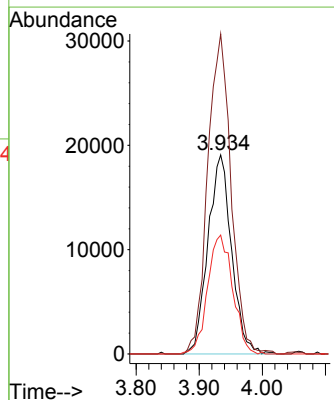
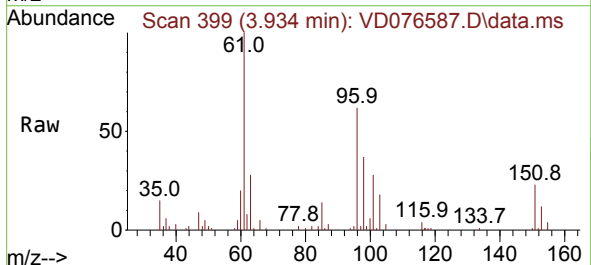
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

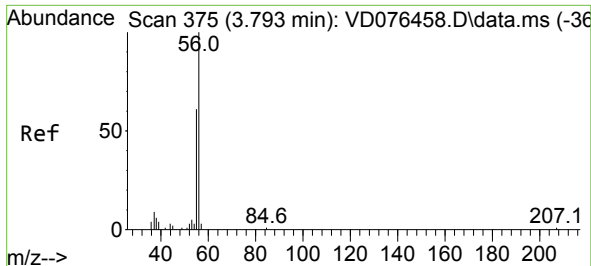
Tgt Ion: 59 Resp: 22230
Ion Ratio Lower Upper
59 100
57 8.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 45.032 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 96 Resp: 49500
Ion Ratio Lower Upper
96 100
61 160.8 100.6 150.8#
98 59.7 50.2 75.2

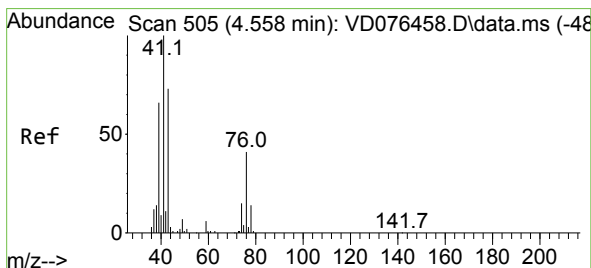
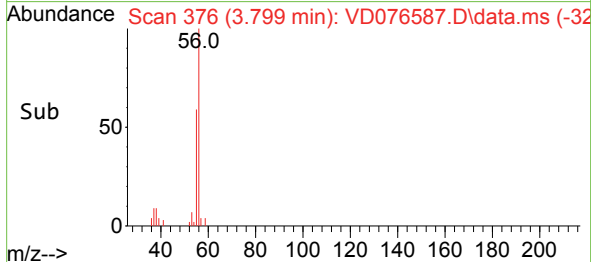
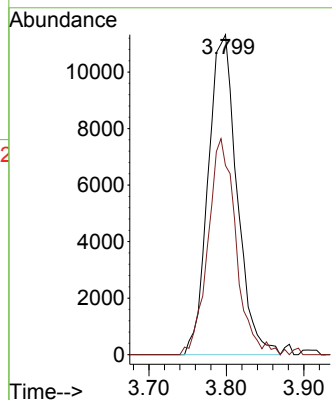
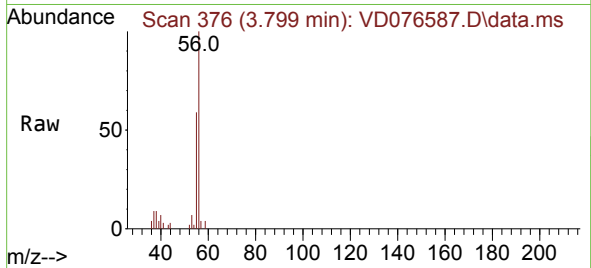




#13
Acrolein
Concen: 261.074 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

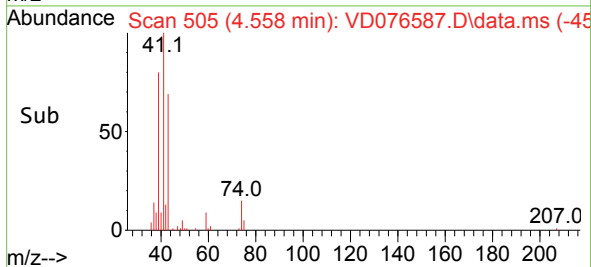
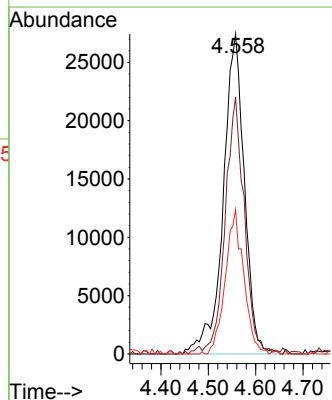
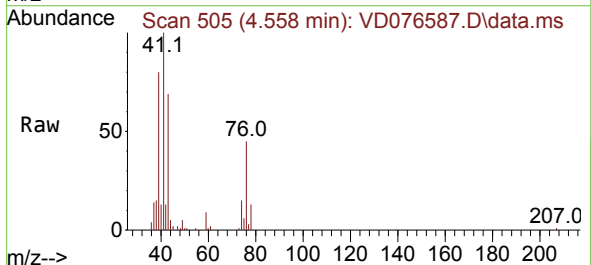
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

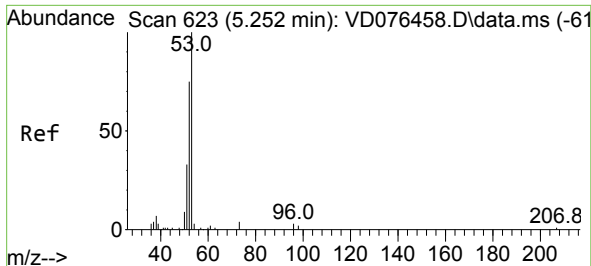
Tgt Ion: 56 Resp: 29222
Ion Ratio Lower Upper
56 100
55 65.5 55.1 82.7



#14
Allyl chloride
Concen: 42.362 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 41 Resp: 85159
Ion Ratio Lower Upper
41 100
39 70.5 53.8 80.6
76 39.3 45.8 68.8#

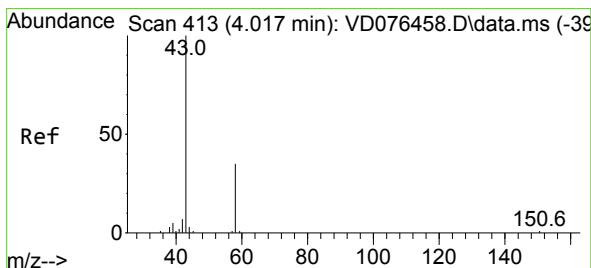
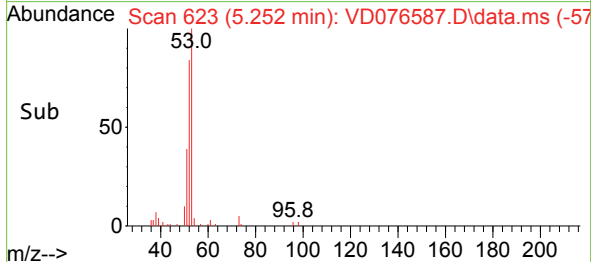
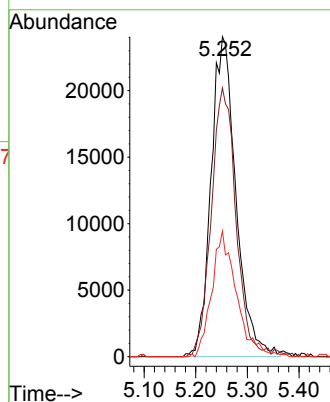
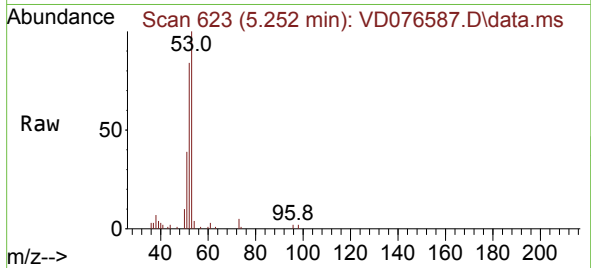




#15
Acrylonitrile
Concen: 239.034 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

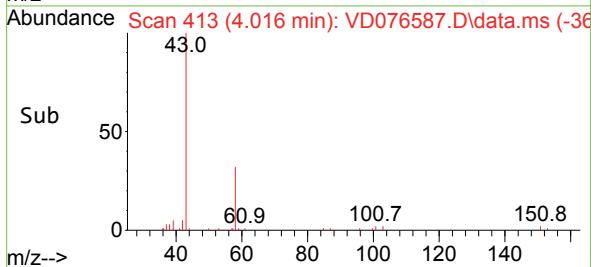
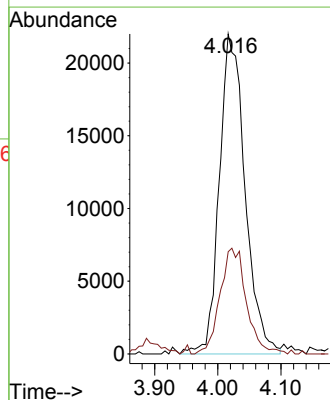
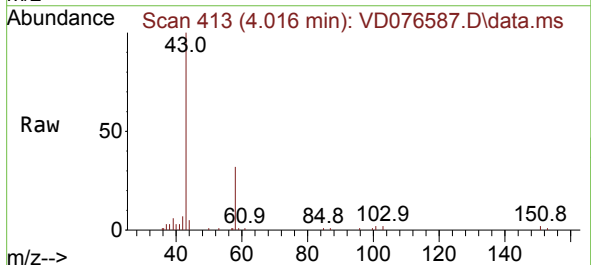
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

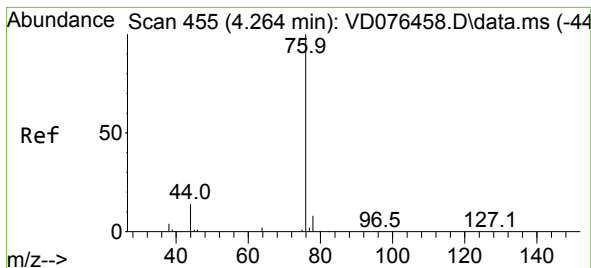
Tgt Ion: 53 Resp: 80618
Ion Ratio Lower Upper
53 100
52 82.9 65.0 97.4
51 38.9 28.3 42.5



#16
Acetone
Concen: 217.492 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 43 Resp: 62291
Ion Ratio Lower Upper
43 100
58 32.0 34.7 52.1#





#17

Carbon Disulfide

Concen: 41.083 ug/l

RT: 4.263 min Scan# 4

Delta R.T. -0.000 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

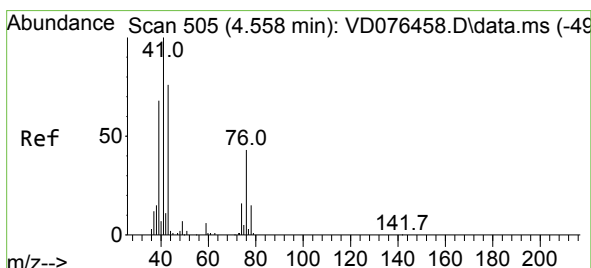
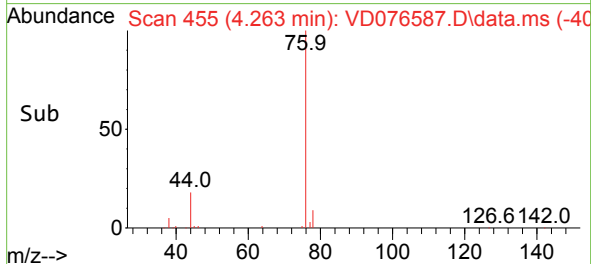
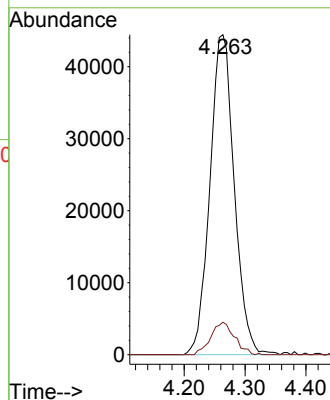
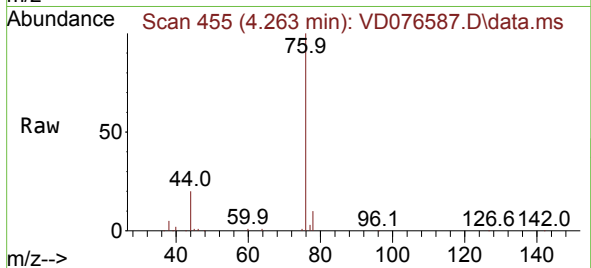
VSTDCCC050EC

Tgt Ion: 76 Resp: 123387

Ion Ratio Lower Upper

76 100

78 10.2 6.8 10.2



#18

Methyl Acetate

Concen: 45.967 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD076587.D

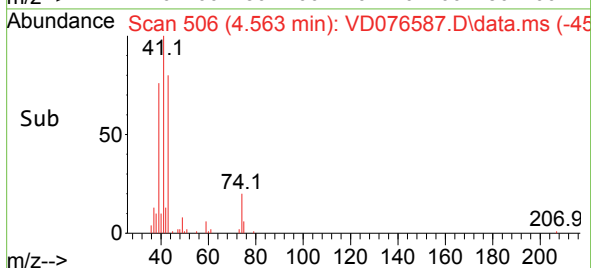
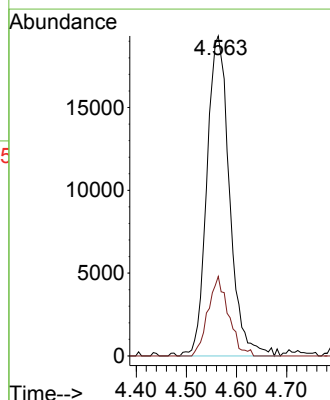
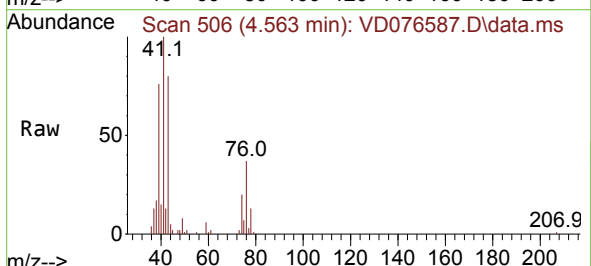
Acq: 26 Jun 2023 18:28

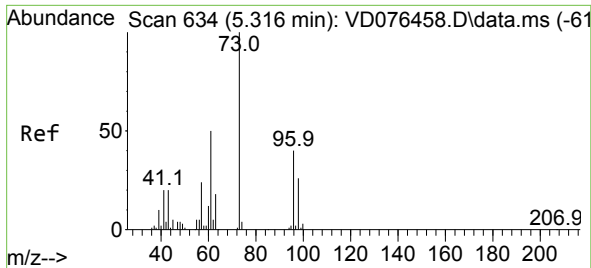
Tgt Ion: 43 Resp: 60672

Ion Ratio Lower Upper

43 100

74 22.6 26.4 39.6#

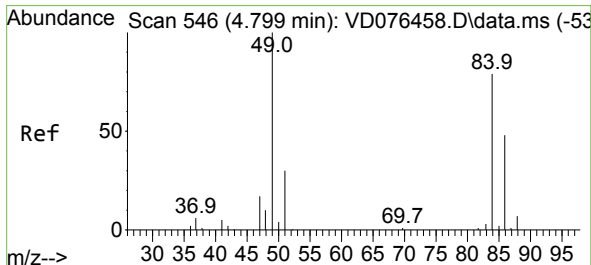
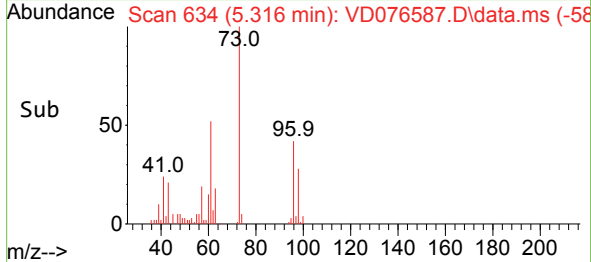
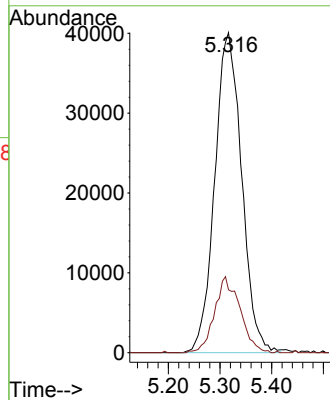
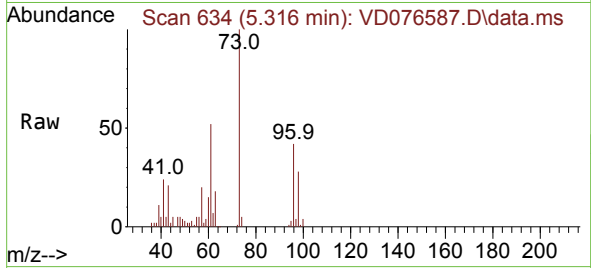




#19
Methyl tert-butyl Ether
Concen: 48.191 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

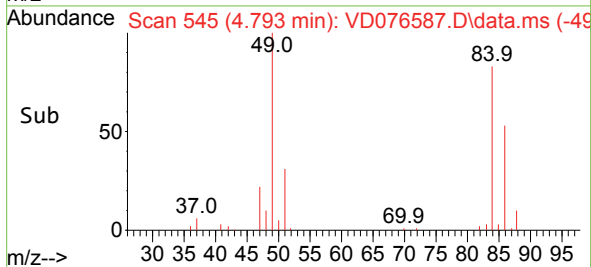
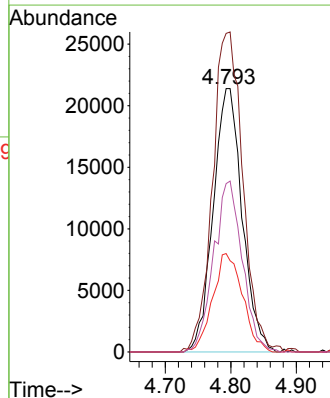
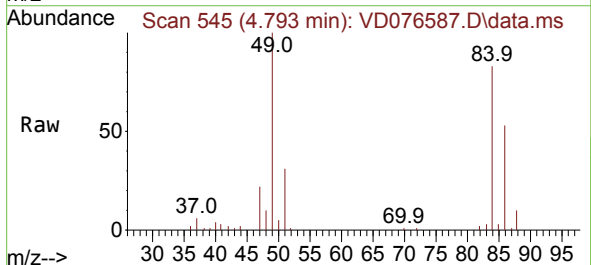
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

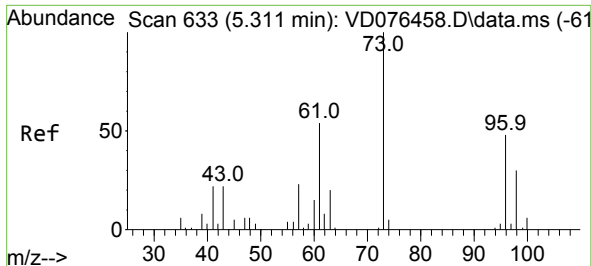
Tgt Ion: 73 Resp: 144897
Ion Ratio Lower Upper
73 100
57 19.7 16.6 25.0



#20
Methylene Chloride
Concen: 39.129 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

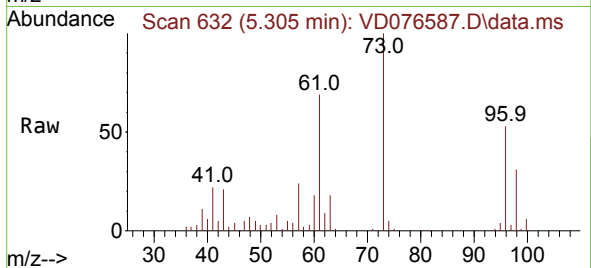
Tgt Ion: 84 Resp: 65528
Ion Ratio Lower Upper
84 100
49 121.0 71.4 107.2#
51 37.4 24.5 36.7#
86 63.9 48.7 73.1



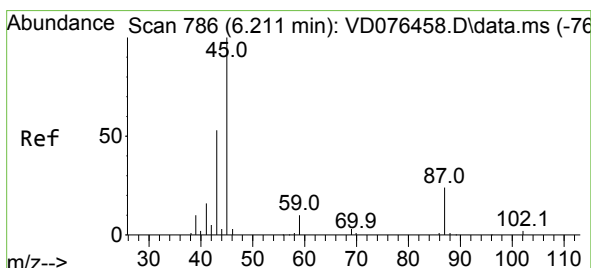
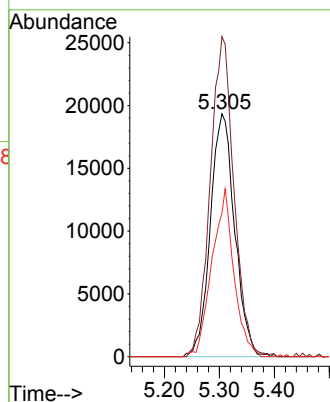
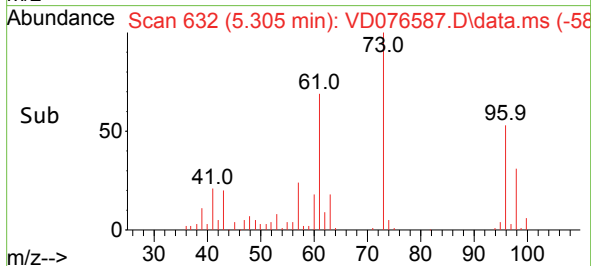


#21
trans-1,2-Dichloroethene
Concen: 46.836 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

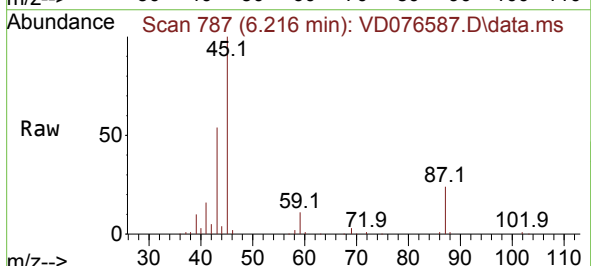
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



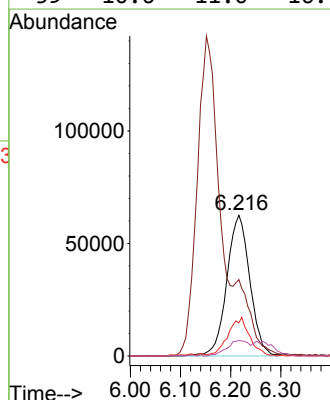
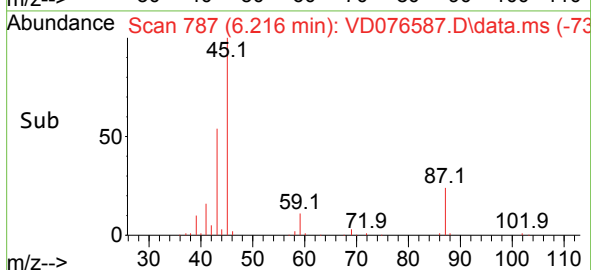
Tgt Ion: 96 Resp: 59505
Ion Ratio Lower Upper
96 100
61 131.8 89.3 133.9
98 59.1 48.6 73.0

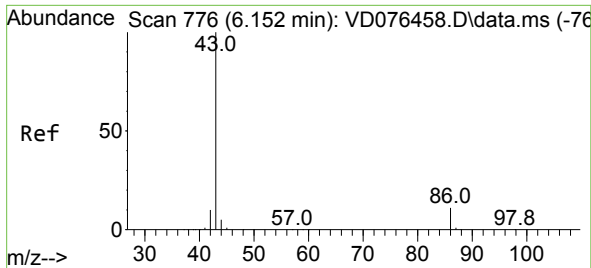


#22
Diisopropyl ether
Concen: 45.977 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28



Tgt Ion: 45 Resp: 199851
Ion Ratio Lower Upper
45 100
43 52.8 40.0 60.0
87 23.1 28.2 42.4#
59 10.6 11.0 16.4#

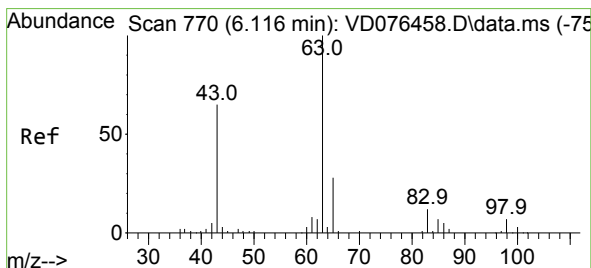
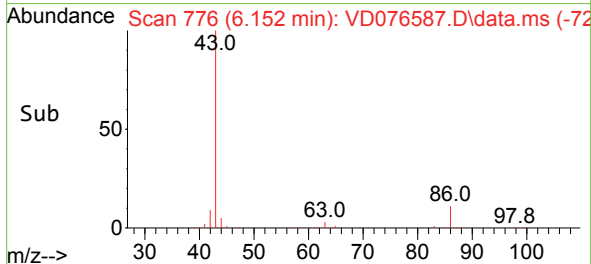
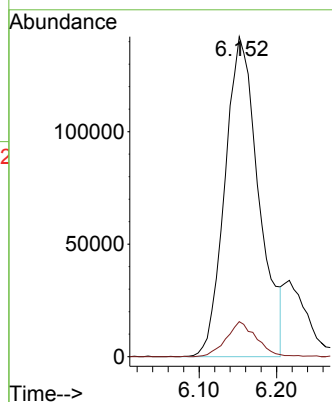
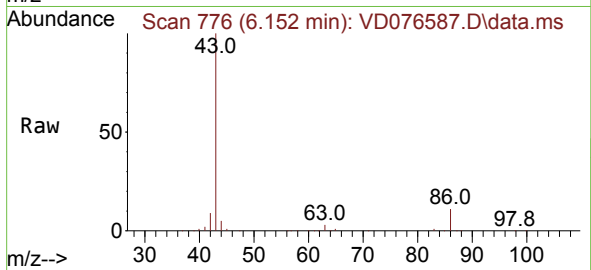




#23
 Vinyl Acetate
 Concen: 200.455 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076587.D
 Acq: 26 Jun 2023 18:28

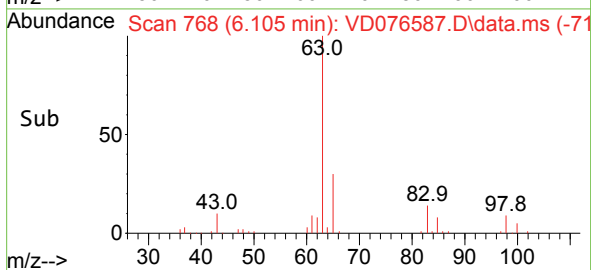
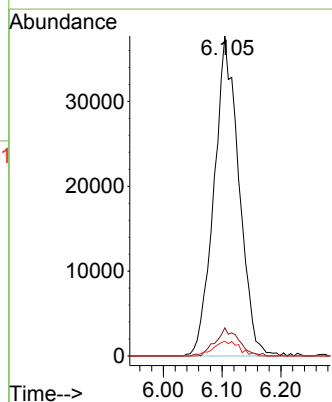
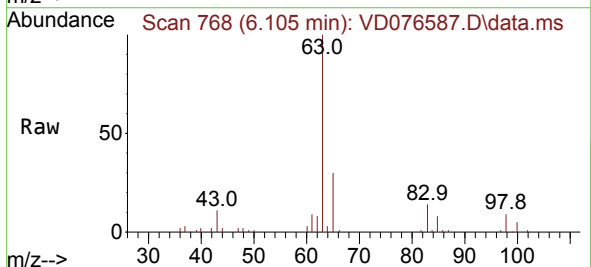
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

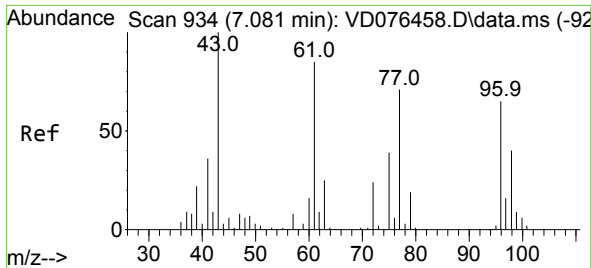
Tgt Ion: 43 Resp: 431899
 Ion Ratio Lower Upper
 43 100
 86 11.0 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 45.790 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: VD076587.D
 Acq: 26 Jun 2023 18:28

Tgt Ion: 63 Resp: 111146
 Ion Ratio Lower Upper
 63 100
 98 8.8 4.5 13.7
 100 4.6 2.5 7.5

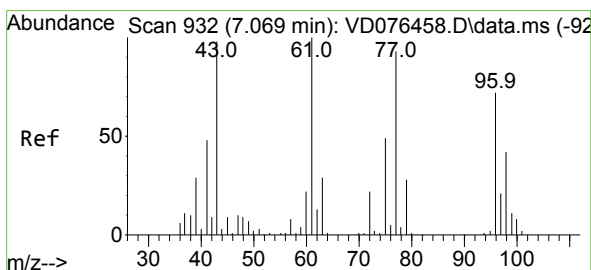
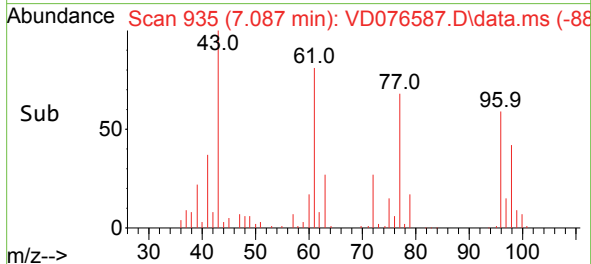
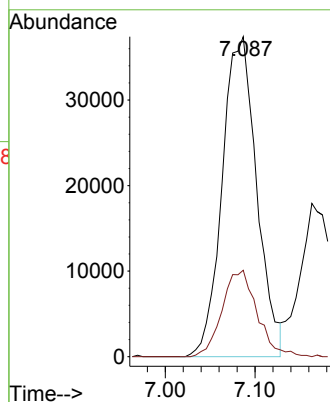
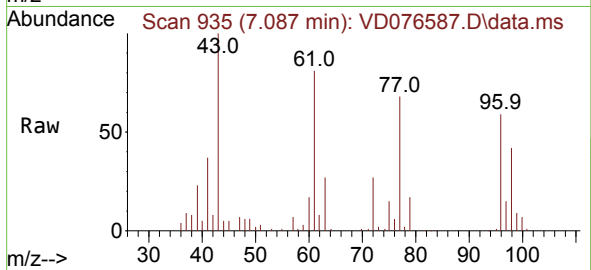




#25
2-Butanone
Concen: 225.528 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

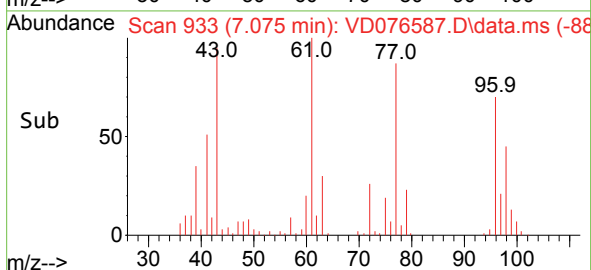
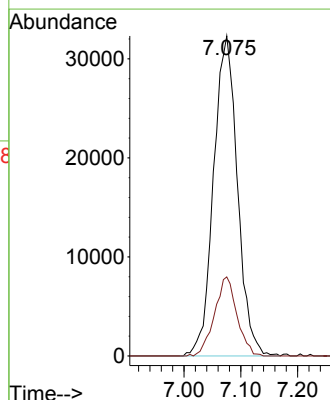
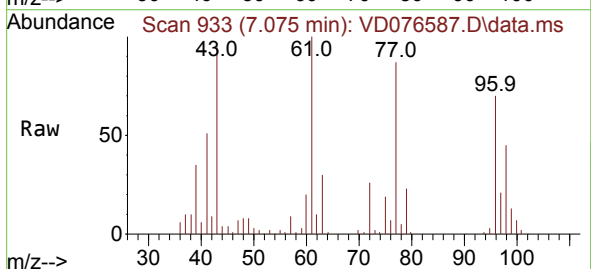
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

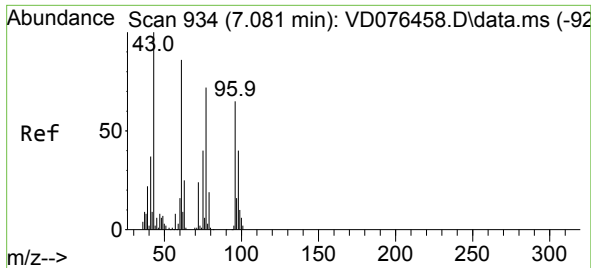
Tgt Ion: 43 Resp: 99905
Ion Ratio Lower Upper
43 100
72 27.0 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 45.116 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 77 Resp: 94415
Ion Ratio Lower Upper
77 100
97 23.2 13.2 39.6

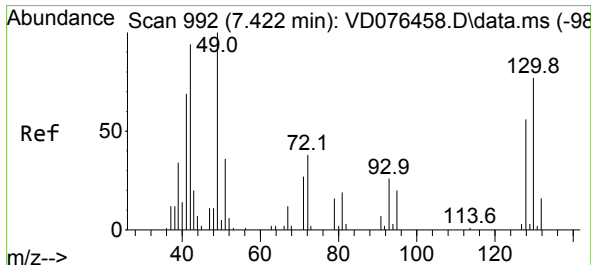
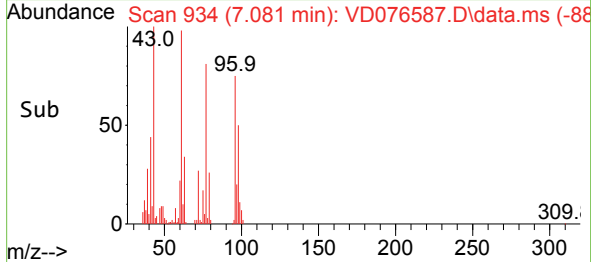
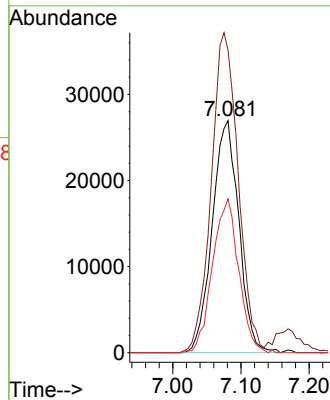
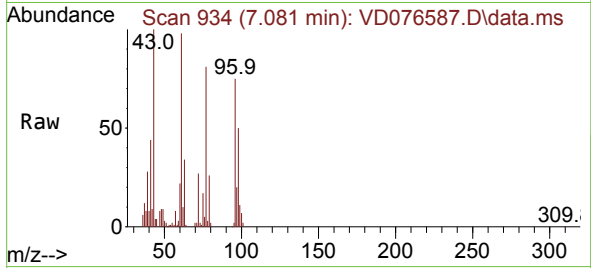




#27
 cis-1,2-Dichloroethene
 Concen: 47.668 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD076587.D
 Acq: 26 Jun 2023 18:28

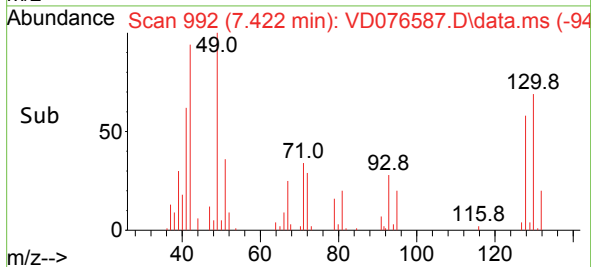
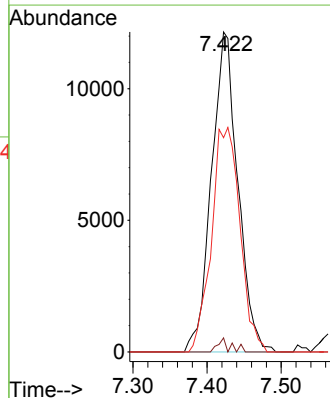
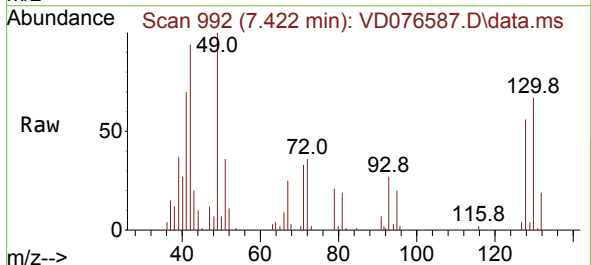
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

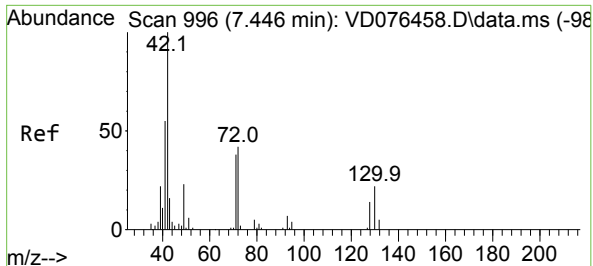
Tgt Ion: 96	Resp: 73295
Ion Ratio	Lower Upper
96 100	
61 139.4	0.0 239.2
98 65.2	0.0 128.6



#28
 Bromochloromethane
 Concen: 42.676 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076587.D
 Acq: 26 Jun 2023 18:28

Tgt Ion: 49	Resp: 30052
Ion Ratio	Lower Upper
49 100	
129 2.0	0.0 6.0
130 75.8	83.2 124.8#





#29

Tetrahydrofuran

Concen: 230.772 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

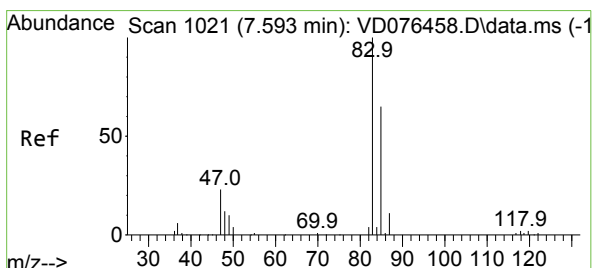
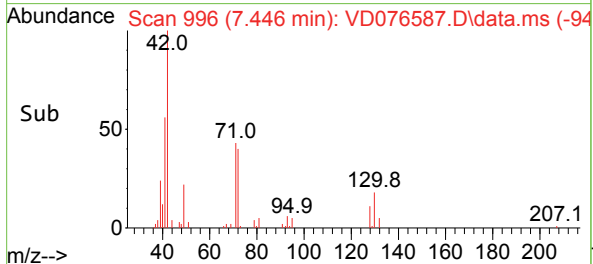
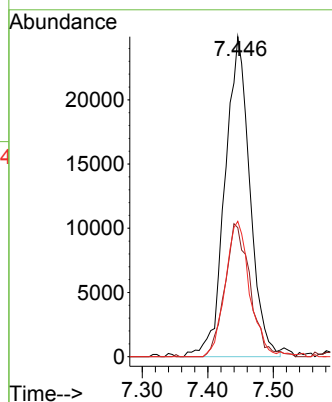
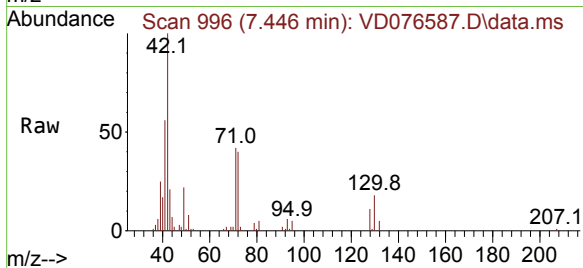
Tgt Ion: 42 Resp: 65697

Ion Ratio Lower Upper

42 100

72 42.3 46.5 69.7#

71 41.3 44.5 66.7#



#30

Chloroform

Concen: 49.678 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076587.D

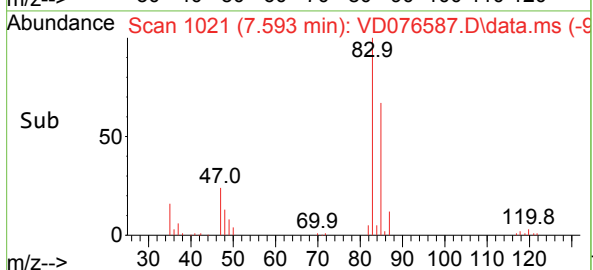
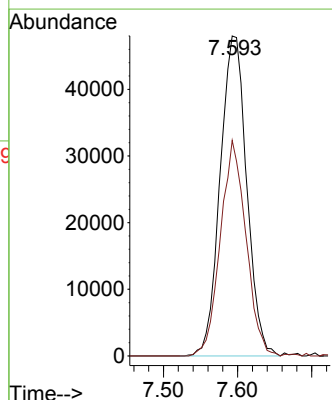
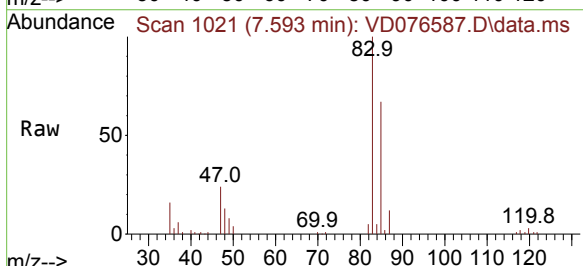
Acq: 26 Jun 2023 18:28

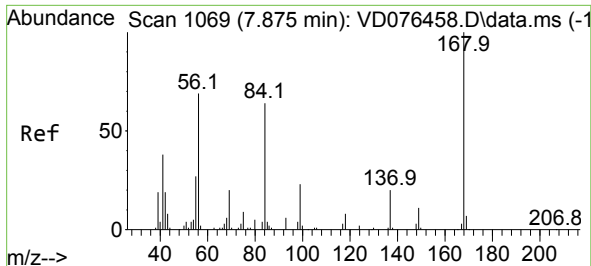
Tgt Ion: 83 Resp: 119397

Ion Ratio Lower Upper

83 100

85 67.4 53.4 80.2

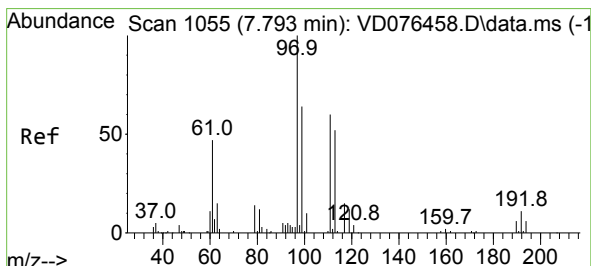
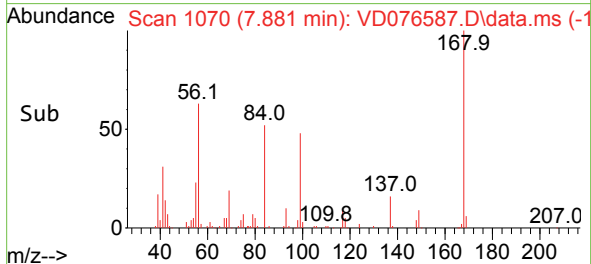
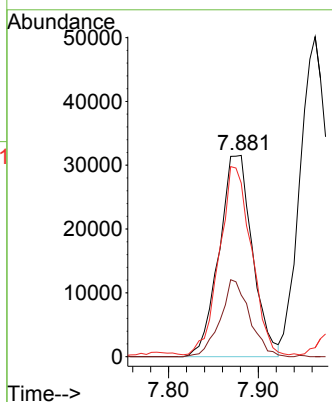
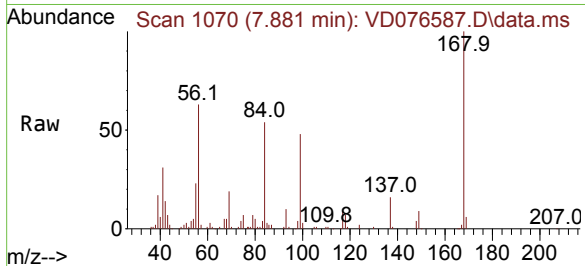




#31
Cyclohexane
Concen: 43.419 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

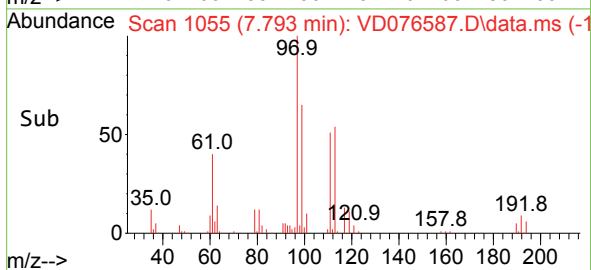
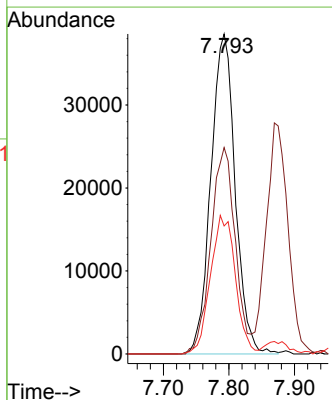
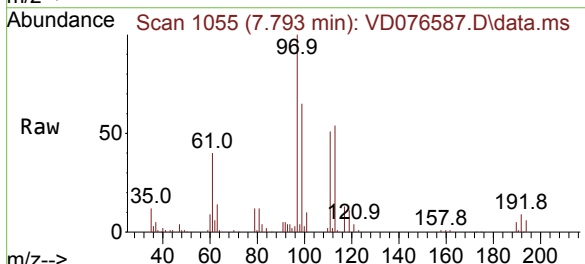
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

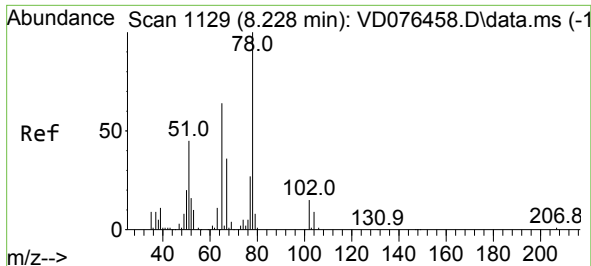
Tgt Ion: 56 Resp: 81273
Ion Ratio Lower Upper
56 100
69 30.6 28.6 43.0
84 84.9 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 51.049 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 97 Resp: 99178
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 44.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.208 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

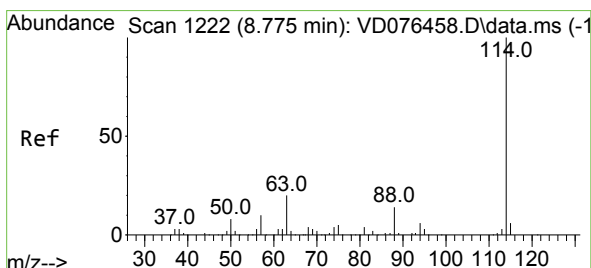
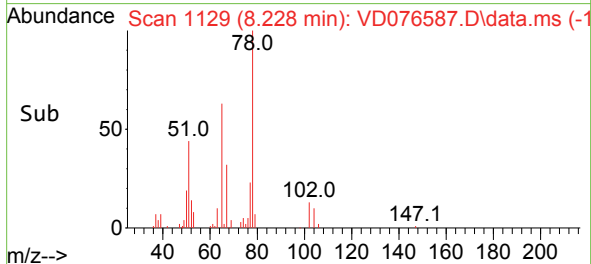
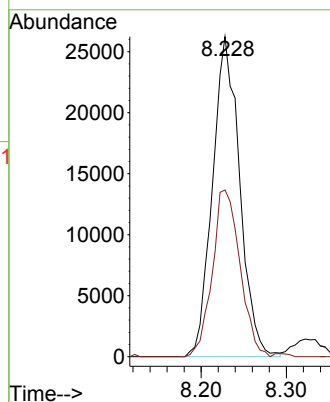
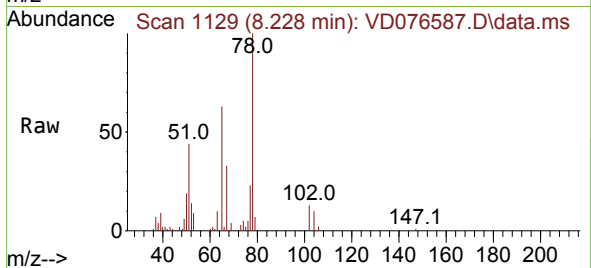
VSTDCCC050EC

Tgt Ion: 65 Resp: 58022

Ion Ratio Lower Upper

65 100

67 53.2 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: VD076587.D

Acq: 26 Jun 2023 18:28

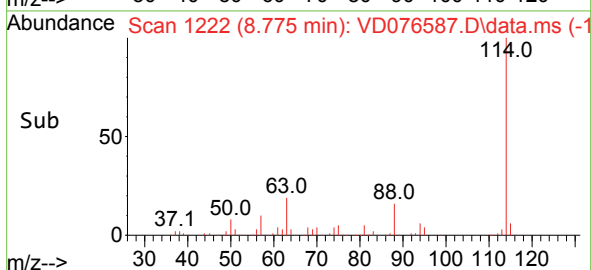
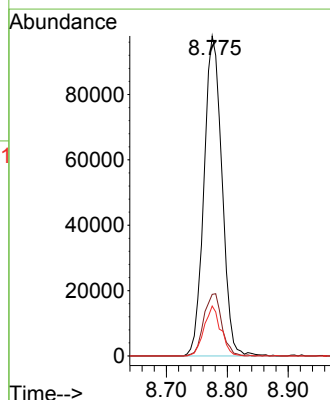
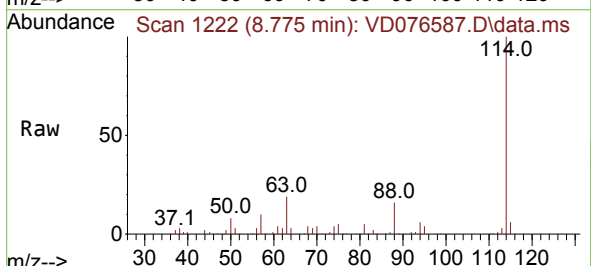
Tgt Ion: 114 Resp: 201180

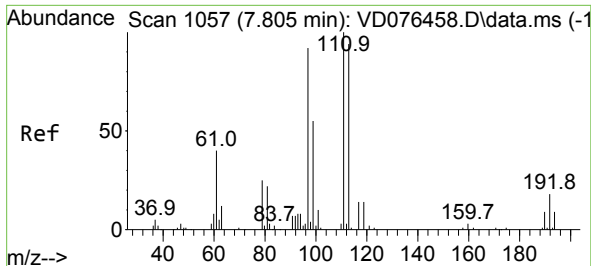
Ion Ratio Lower Upper

114 100

63 19.2 0.0 33.4

88 15.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.453 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

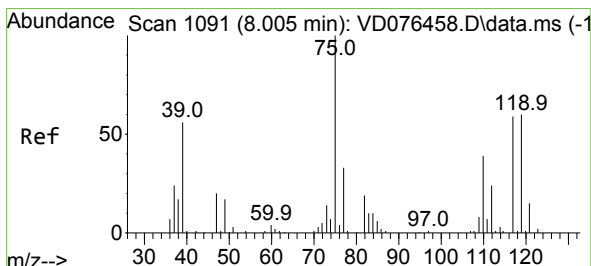
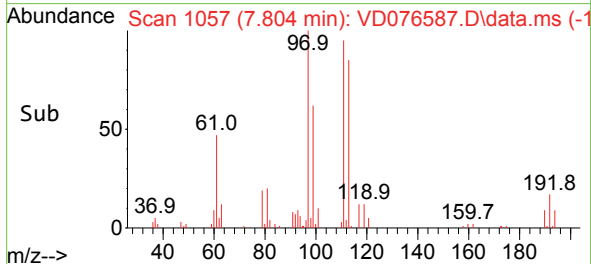
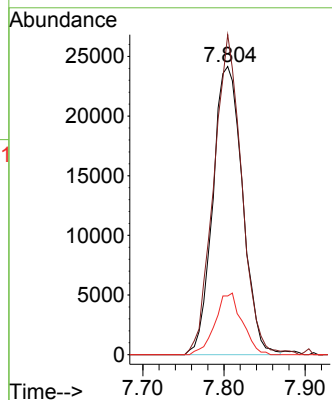
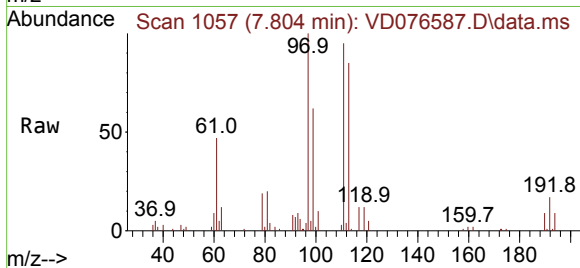
Tgt Ion:113 Resp: 61494

Ion Ratio Lower Upper

113 100

111 104.8 84.7 127.1

192 19.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 49.144 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

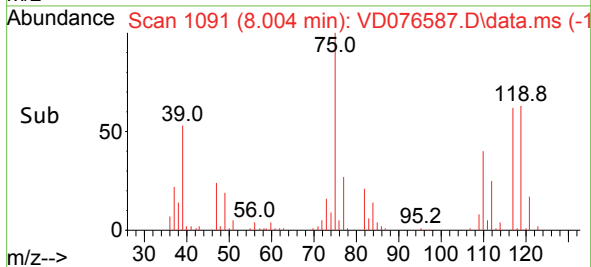
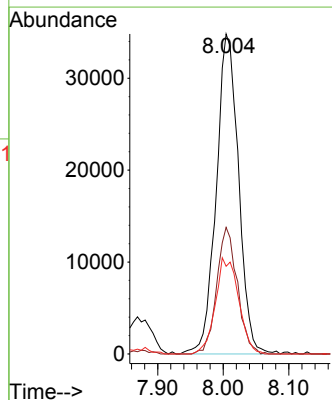
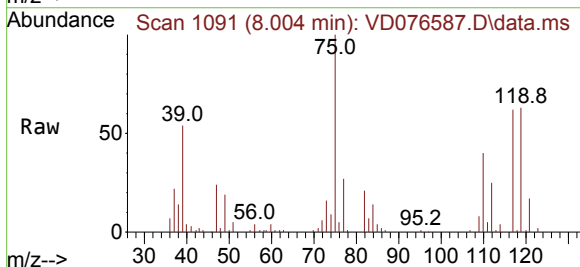
Tgt Ion: 75 Resp: 82250

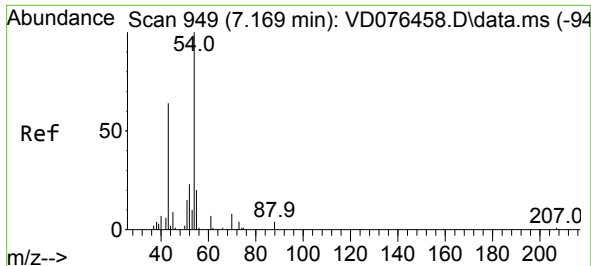
Ion Ratio Lower Upper

75 100

110 36.5 19.9 59.6

77 31.3 24.7 37.1

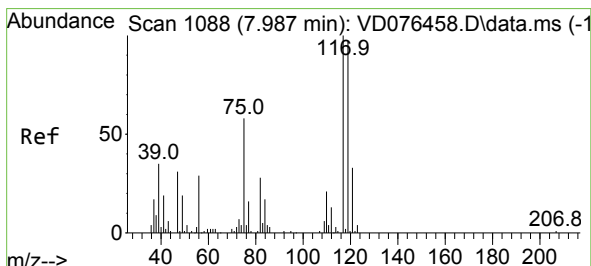
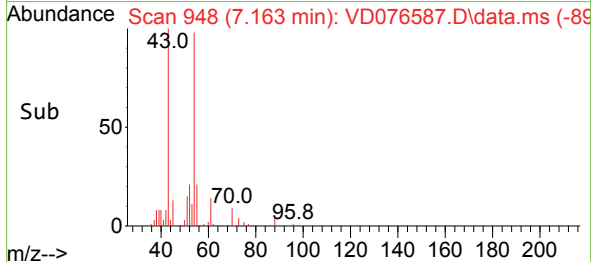
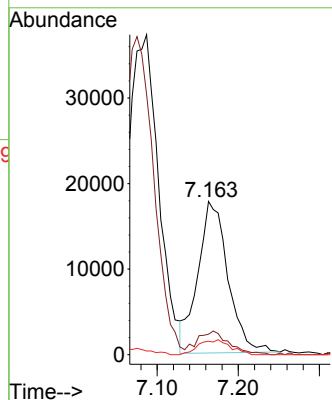
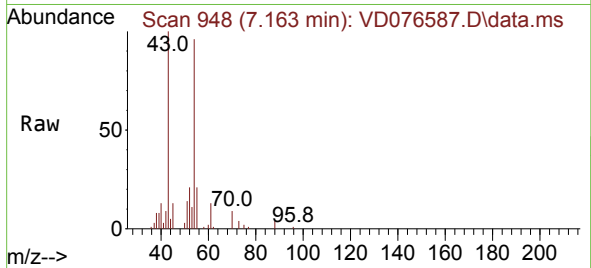




#37
Ethyl Acetate
Concen: 47.173 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

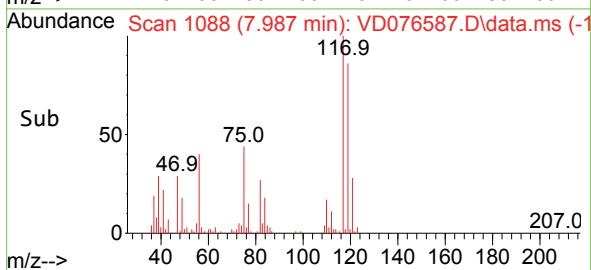
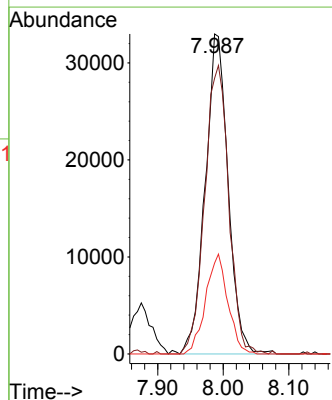
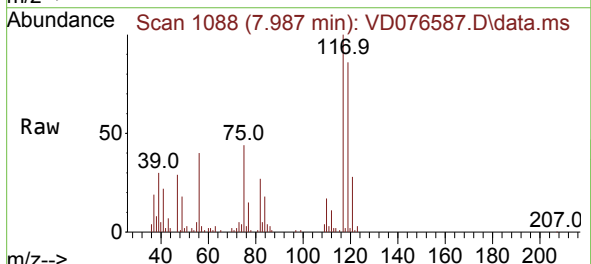
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

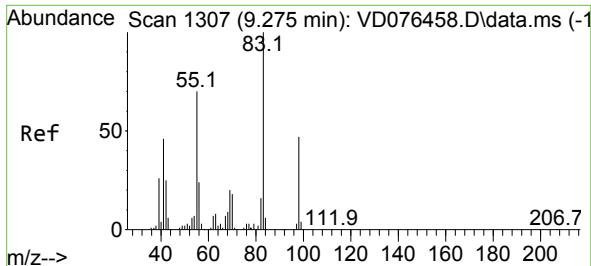
Tgt Ion: 43 Resp: 45750
Ion Ratio Lower Upper
43 100
61 16.4 14.9 22.3
70 10.3 10.0 15.0



#38
Carbon Tetrachloride
Concen: 53.588 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 117 Resp: 80162
Ion Ratio Lower Upper
117 100
119 86.1 78.0 117.0
121 28.4 24.2 36.2





#39

Methylcyclohexane

Concen: 45.751 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

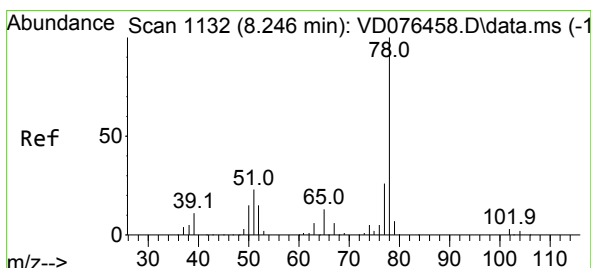
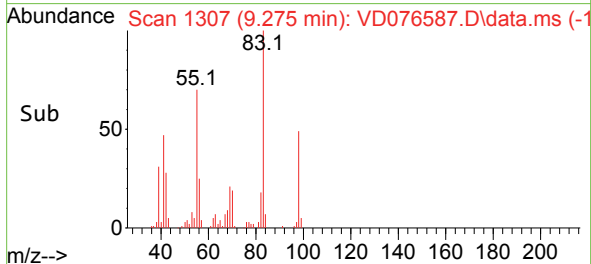
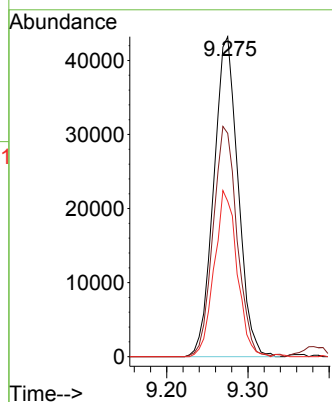
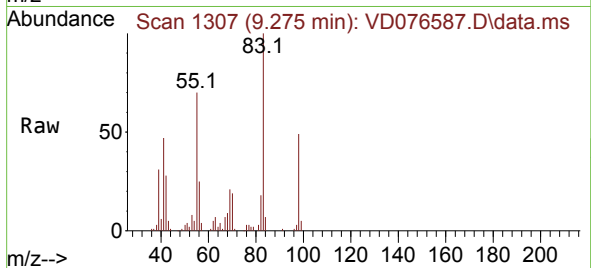
Tgt Ion: 83 Resp: 89858

Ion Ratio Lower Upper

83 100

55 69.8 49.4 74.0

98 48.5 38.4 57.6



#40

Benzene

Concen: 48.877 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076587.D

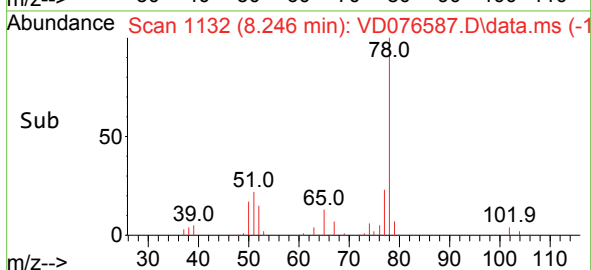
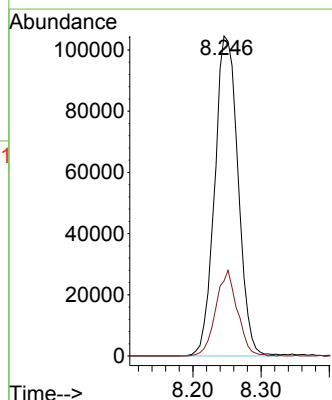
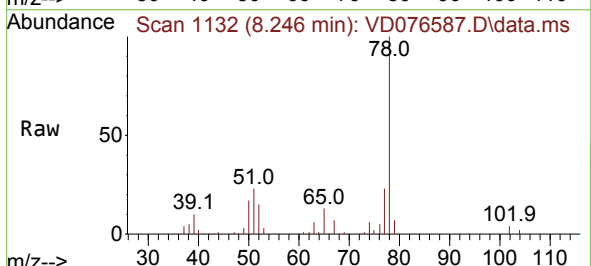
Acq: 26 Jun 2023 18:28

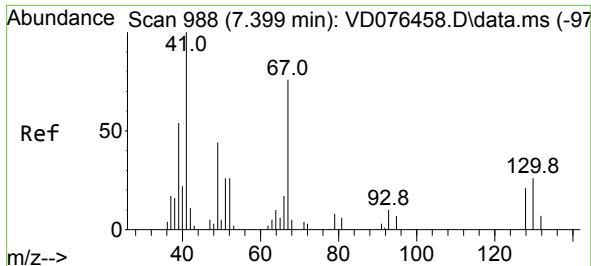
Tgt Ion: 78 Resp: 249461

Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.0

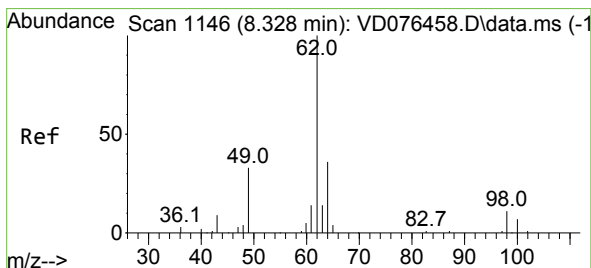
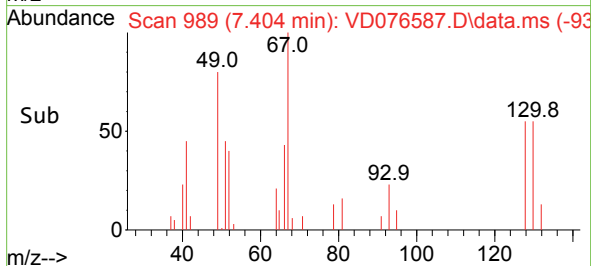
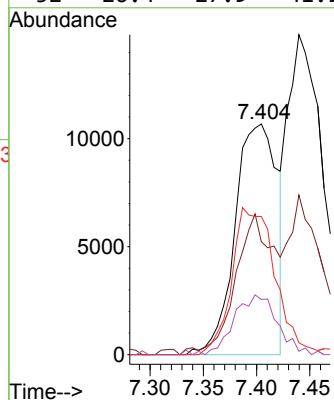
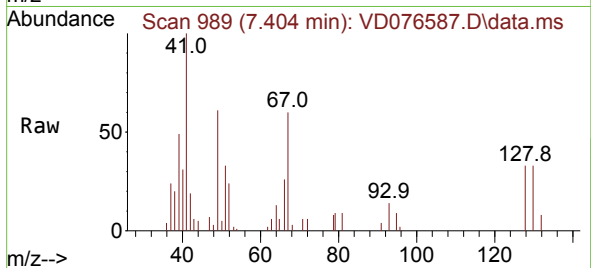




#41
Methacrylonitrile
Concen: 53.761 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

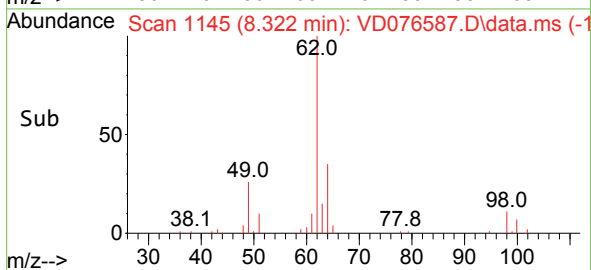
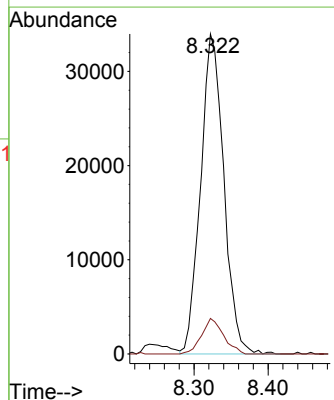
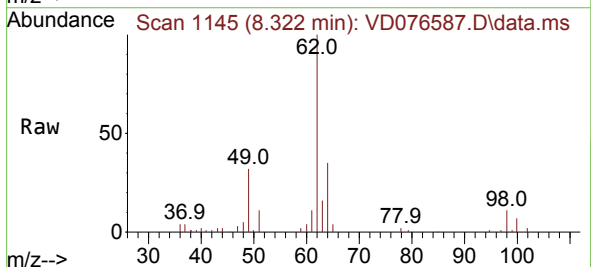
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

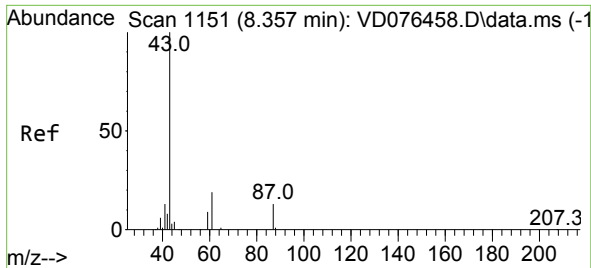
Tgt Ion:	41	Resp:	29442
Ion	Ratio	Lower	Upper
41	100		
39	56.1	34.0	51.0#
67	64.9	77.0	115.4#
52	26.4	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 53.656 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion:	62	Resp:	73996
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	25.4

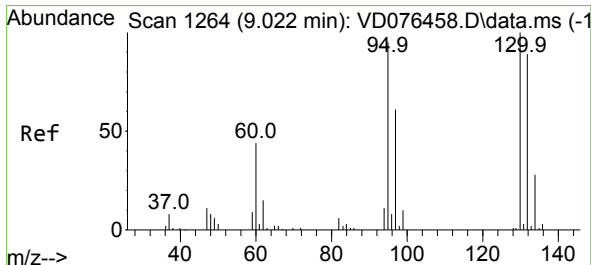
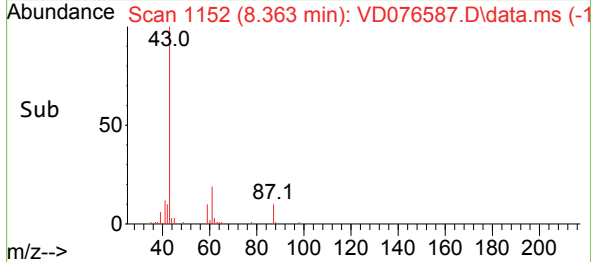
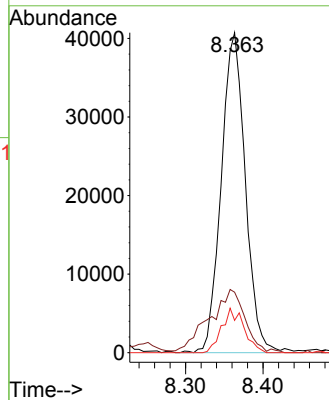
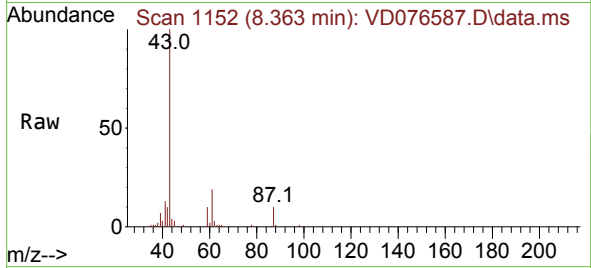




#43
Isopropyl Acetate
Concen: 47.917 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

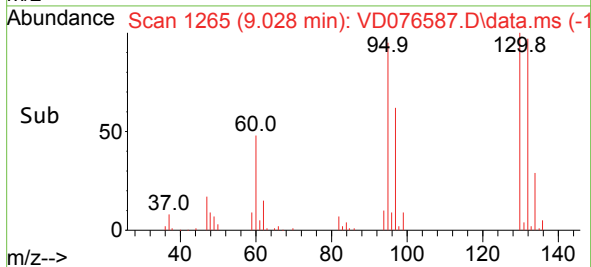
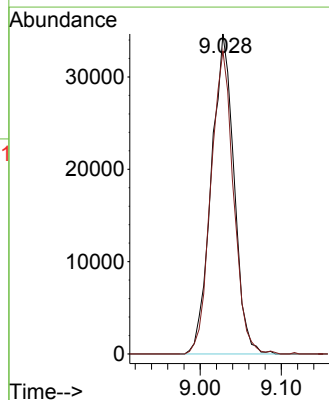
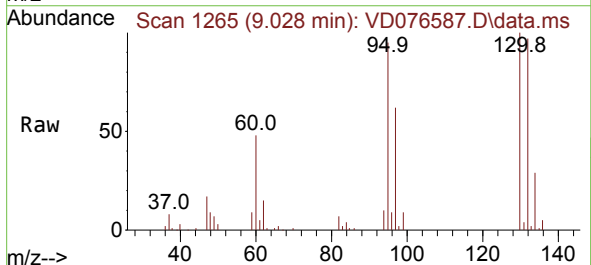
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

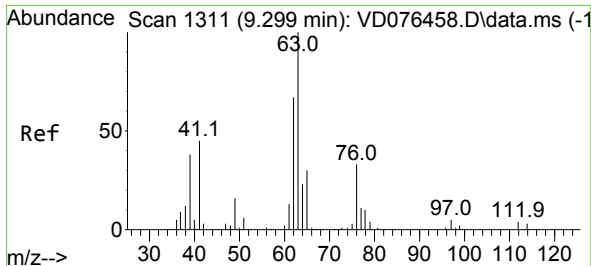
Tgt Ion: 43 Resp: 87978
Ion Ratio Lower Upper
43 100
61 29.6 31.4 47.0#
87 12.8 14.9 22.3#



#44
Trichloroethene
Concen: 48.943 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 130 Resp: 67385
Ion Ratio Lower Upper
130 100
95 94.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 49.985 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

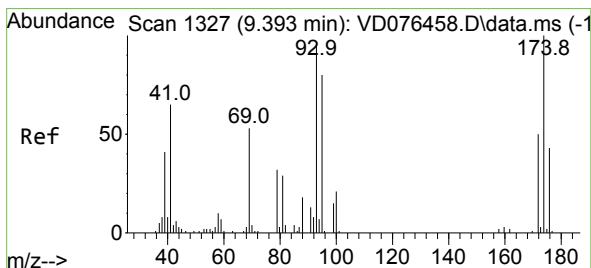
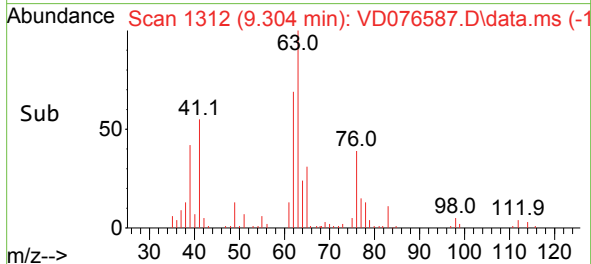
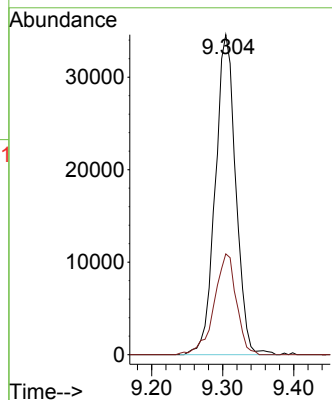
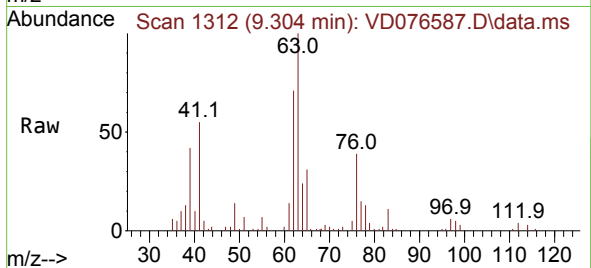
VSTDCCC050EC

Tgt Ion: 63 Resp: 69171

Ion Ratio Lower Upper

63 100

65 31.5 24.5 36.7



#46

Dibromomethane

Concen: 54.366 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

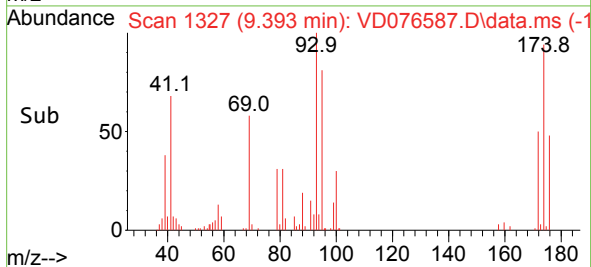
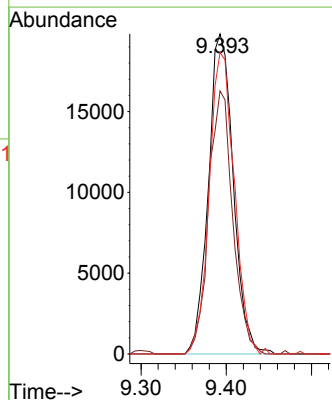
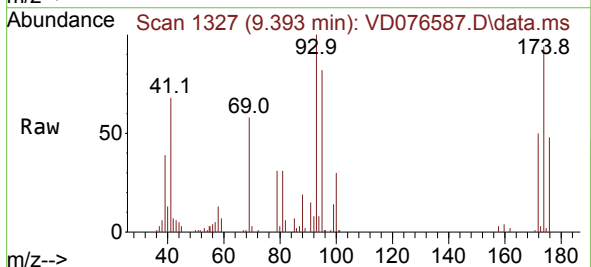
Tgt Ion: 93 Resp: 40302

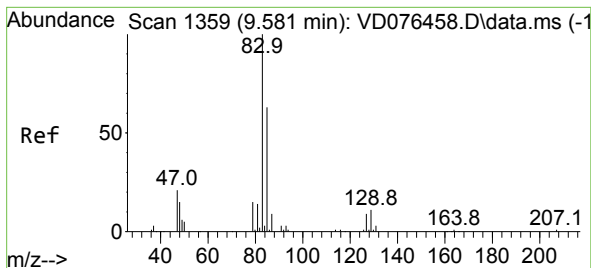
Ion Ratio Lower Upper

93 100

95 79.5 67.7 101.5

174 94.8 85.4 128.2





#47

Bromodichloromethane

Concen: 52.297 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.006 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

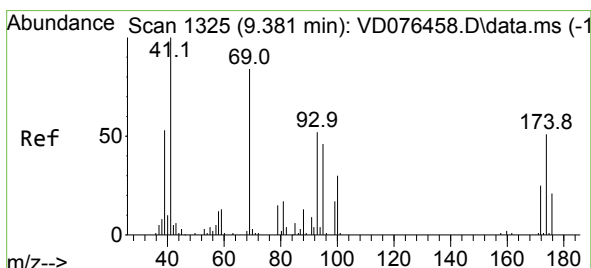
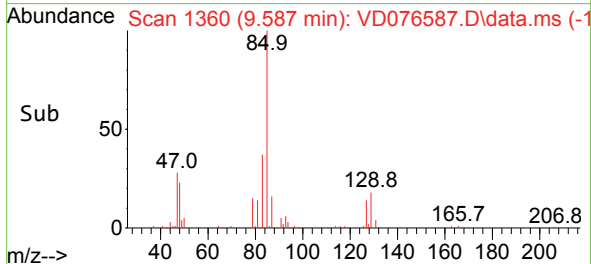
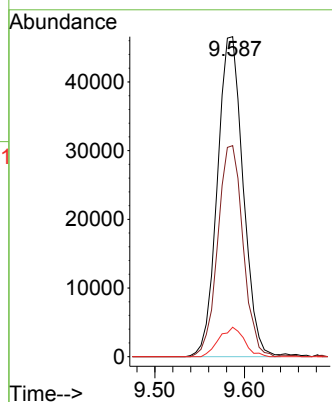
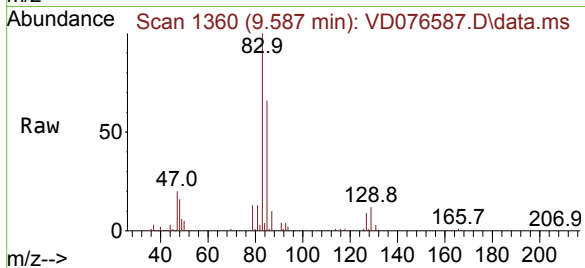
Tgt Ion: 83 Resp: 92775

Ion Ratio Lower Upper

83 100

85 65.9 50.2 75.4

127 9.2 6.3 9.5



#48

Methyl methacrylate

Concen: 46.503 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

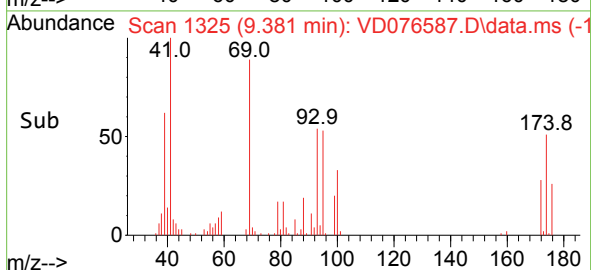
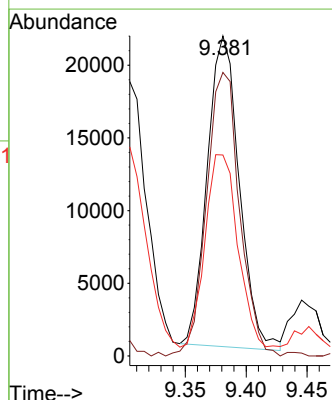
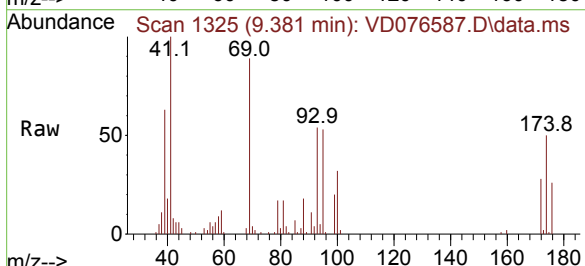
Tgt Ion: 41 Resp: 39134

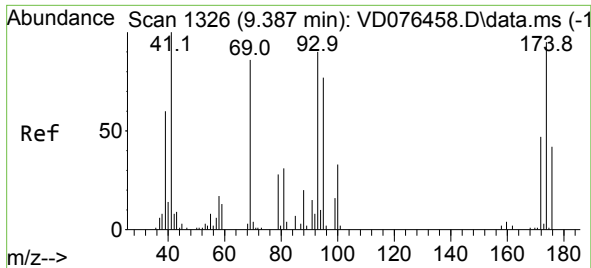
Ion Ratio Lower Upper

41 100

69 94.4 102.2 153.2#

39 64.9 41.4 62.2#





#49

1,4-Dioxane

Concen: 1109.097 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

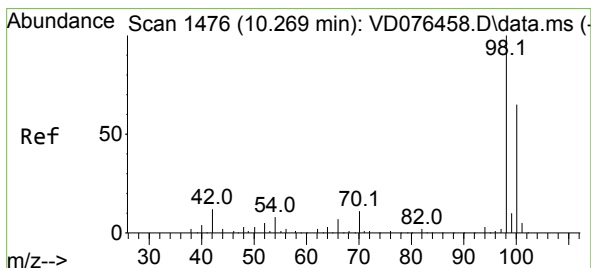
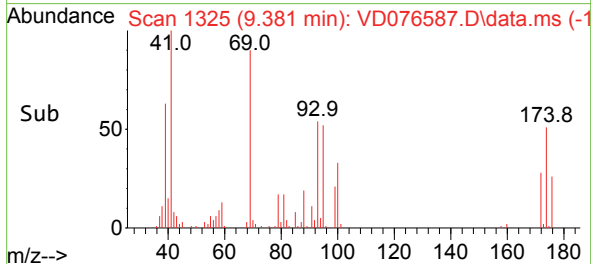
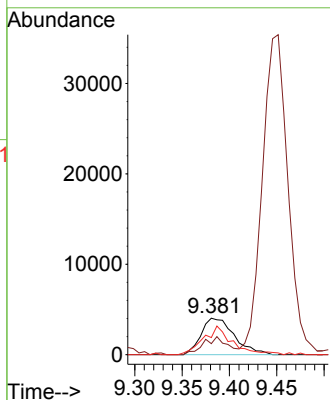
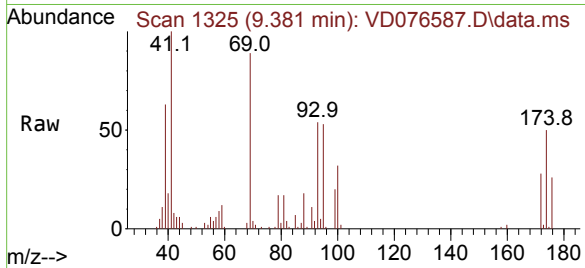
Tgt Ion: 88 Resp: 9851

Ion Ratio Lower Upper

88 100

43 36.5 19.0 28.6#

58 67.9 43.5 65.3#



#50

Toluene-d8

Concen: 48.188 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076587.D

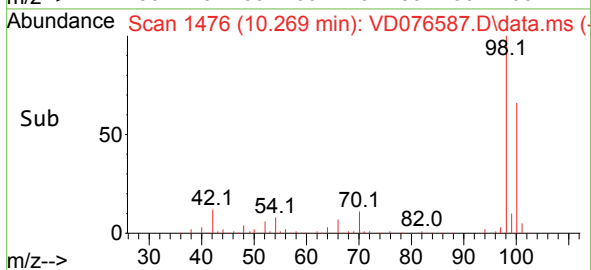
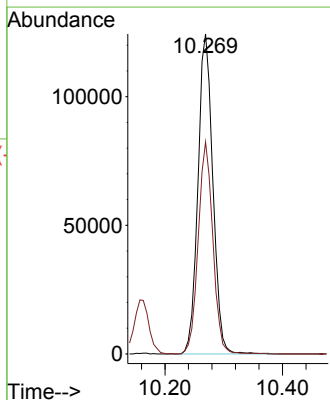
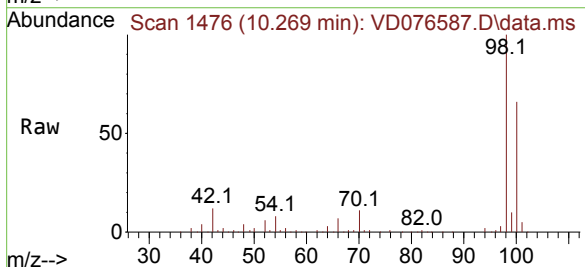
Acq: 26 Jun 2023 18:28

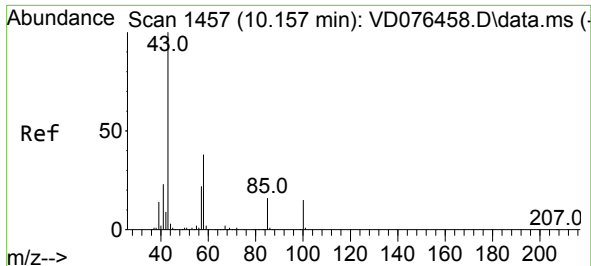
Tgt Ion: 98 Resp: 218416

Ion Ratio Lower Upper

98 100

100 65.0 50.3 75.5

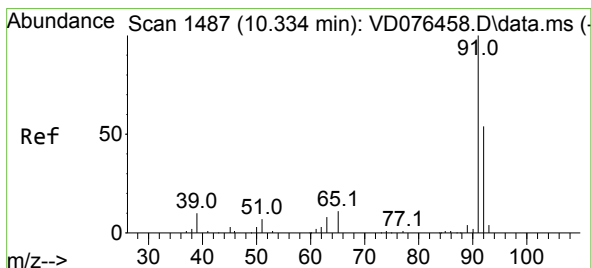
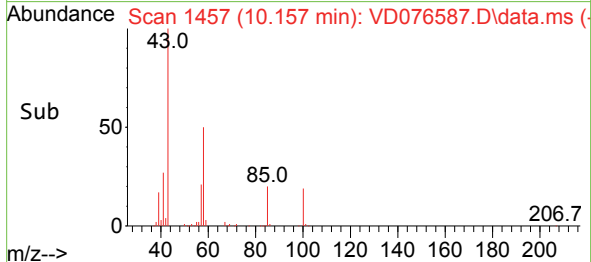
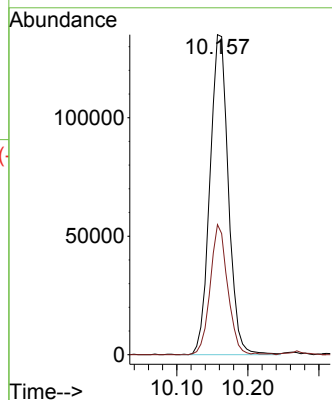
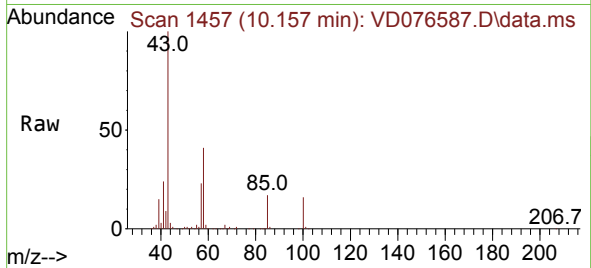




#51
4-Methyl-2-Pentanone
Concen: 259.496 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

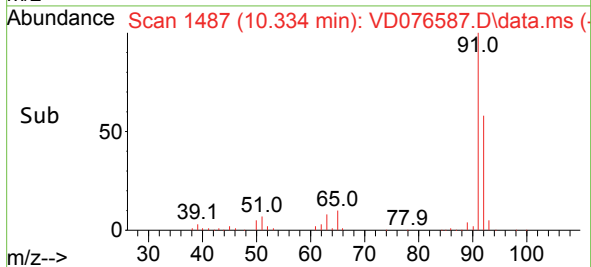
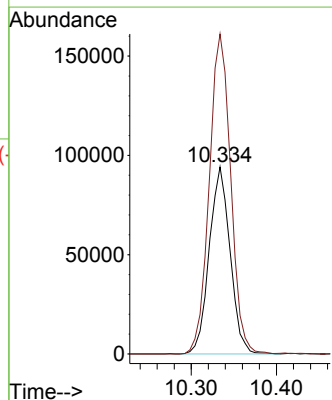
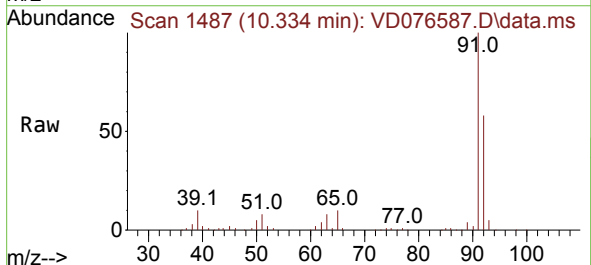
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

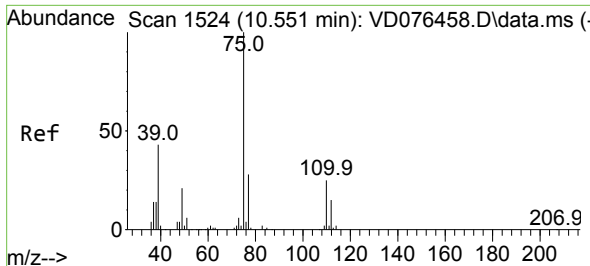
Tgt Ion: 43 Resp: 243551
Ion Ratio Lower Upper
43 100
58 38.7 38.9 58.3#



#52
Toluene
Concen: 49.994 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 92 Resp: 160119
Ion Ratio Lower Upper
92 100
91 176.0 143.0 214.4

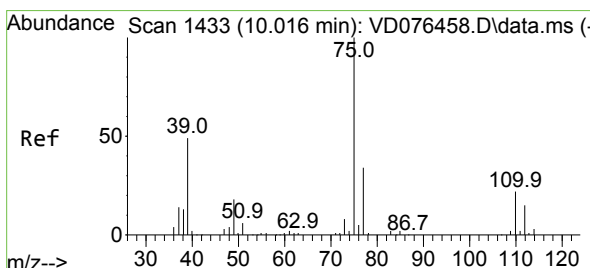
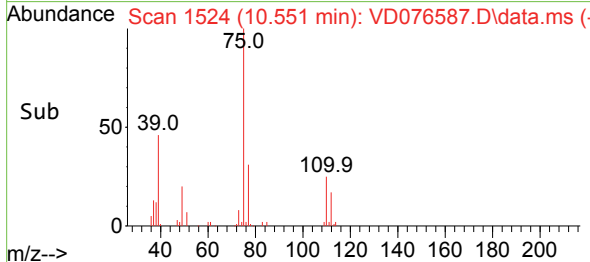
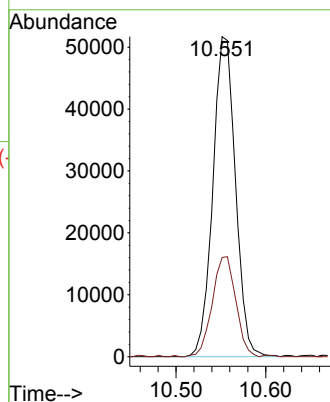
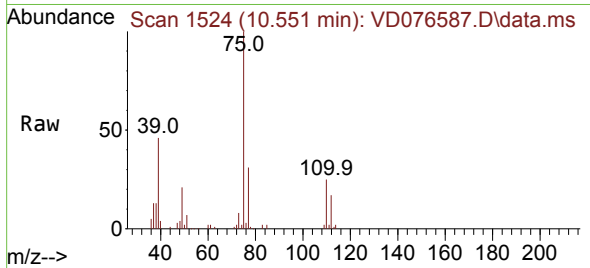




#53
t-1,3-Dichloropropene
Concen: 50.265 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

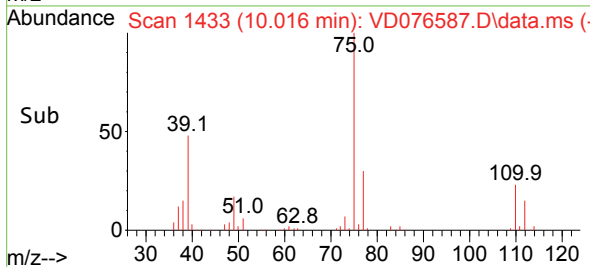
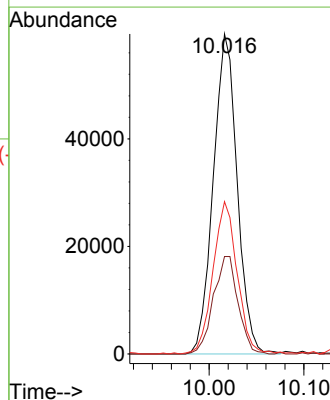
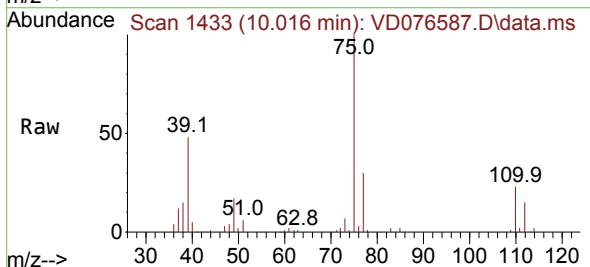
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

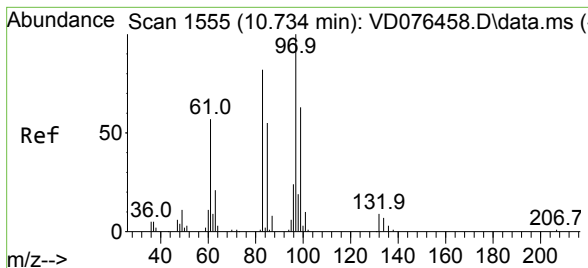
Tgt Ion: 75 Resp: 90483
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 48.899 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 75 Resp: 104362
Ion Ratio Lower Upper
75 100
77 30.4 25.5 38.3
39 47.6 22.1 33.1#

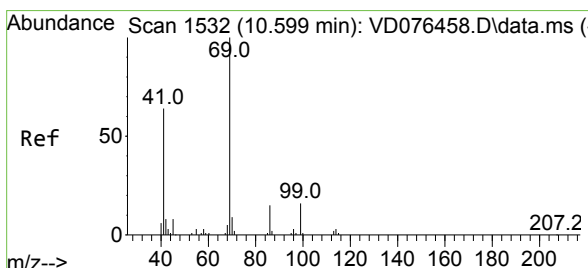
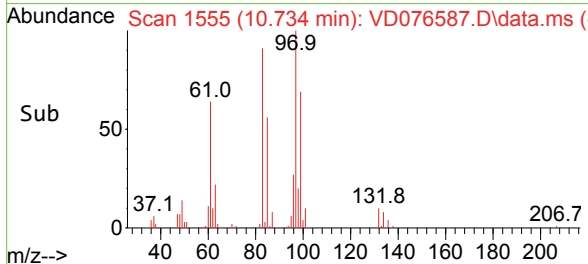
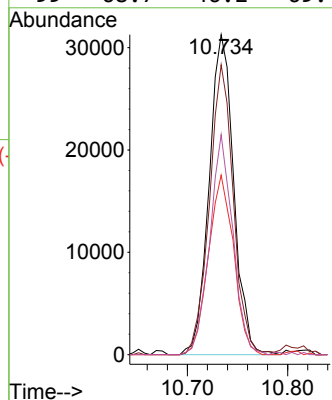
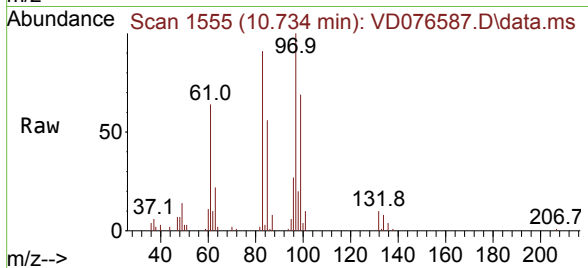




#55
1,1,2-Trichloroethane
Concen: 51.478 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

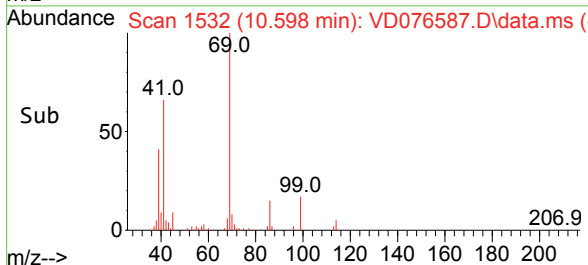
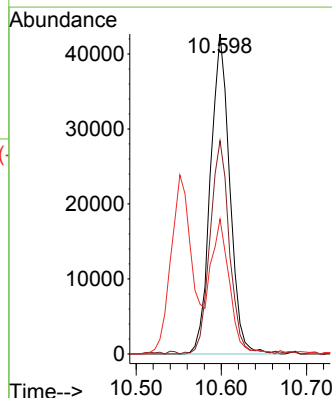
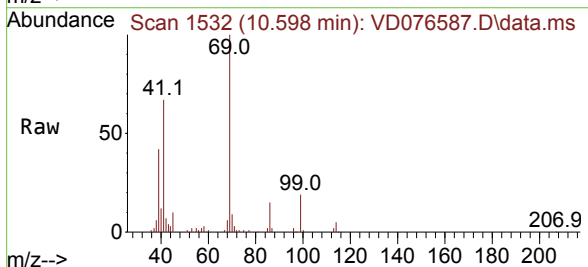
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

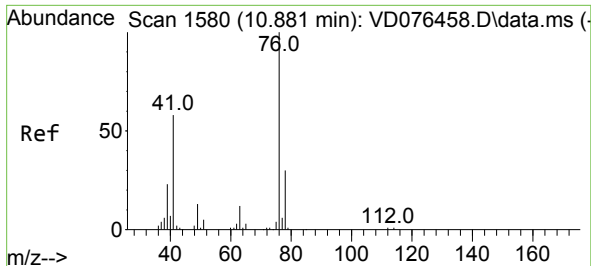
Tgt Ion:	97	Resp:	53380
Ion	Ratio	Lower	Upper
97	100		
83	90.6	65.8	98.6
85	56.1	45.7	68.5
99	68.7	46.2	69.4



#56
Ethyl methacrylate
Concen: 49.696 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion:	69	Resp:	67286
Ion	Ratio	Lower	Upper
69	100		
41	67.1	39.1	58.7#
39	39.8	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 50.698 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

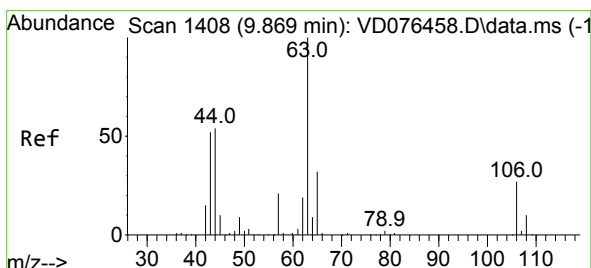
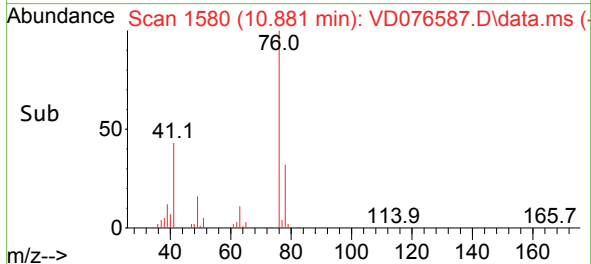
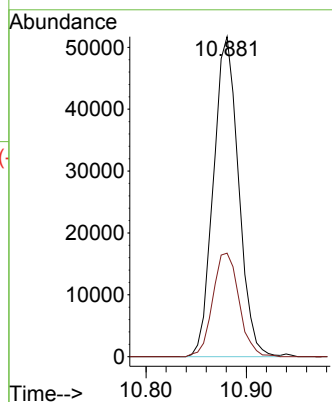
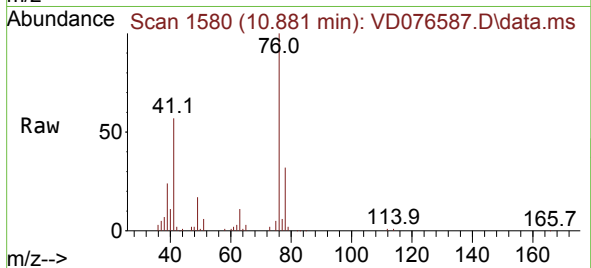
VSTDCCC050EC

Tgt Ion: 76 Resp: 90007

Ion Ratio Lower Upper

76 100

78 33.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 224.242 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076587.D

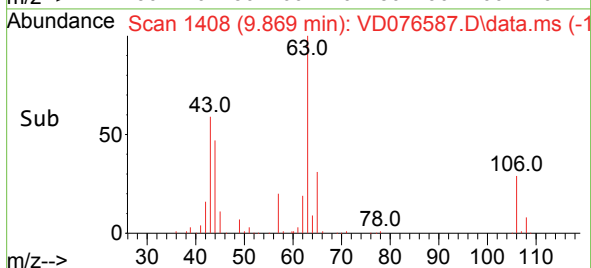
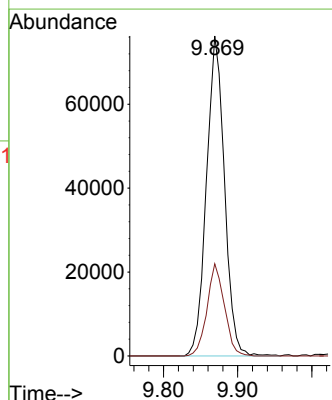
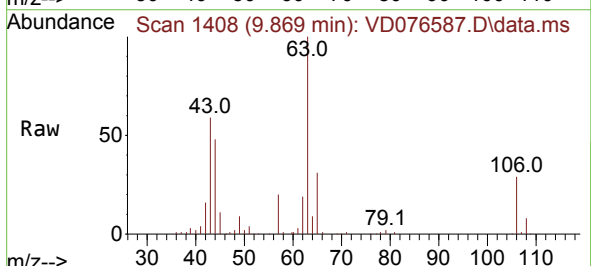
Acq: 26 Jun 2023 18:28

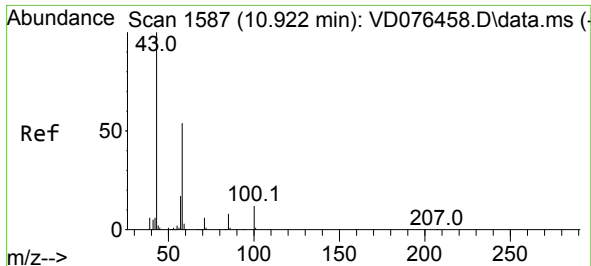
Tgt Ion: 63 Resp: 128719

Ion Ratio Lower Upper

63 100

106 27.8 25.3 37.9

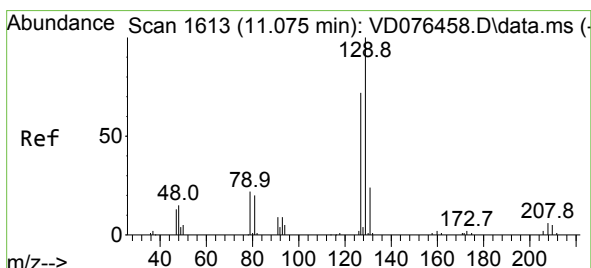
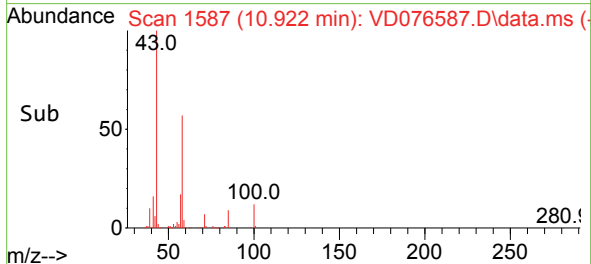
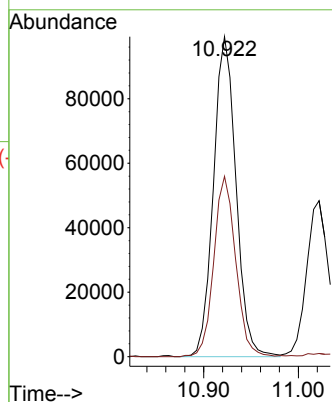
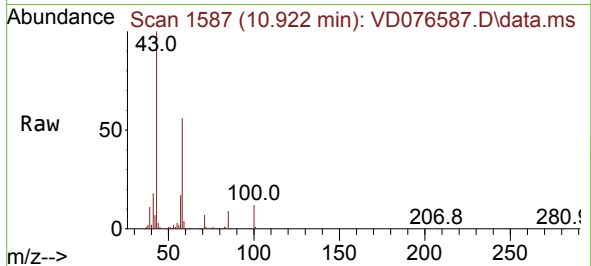




#59
2-Hexanone
Concen: 251.879 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

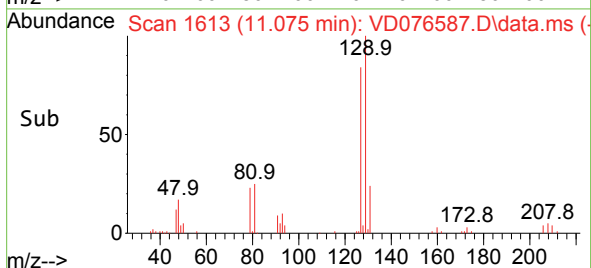
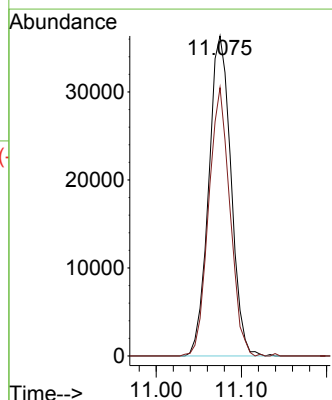
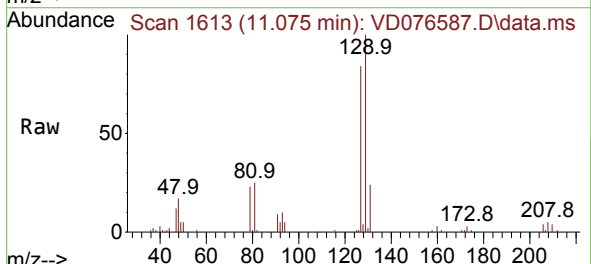
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

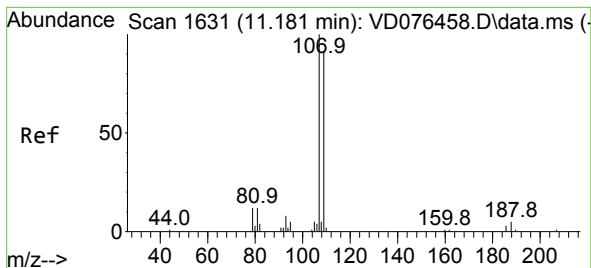
Tgt Ion: 43 Resp: 164442
Ion Ratio Lower Upper
43 100
58 54.6 34.1 102.2



#60
Dibromochloromethane
Concen: 54.682 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 129 Resp: 65989
Ion Ratio Lower Upper
129 100
127 80.1 37.1 111.5

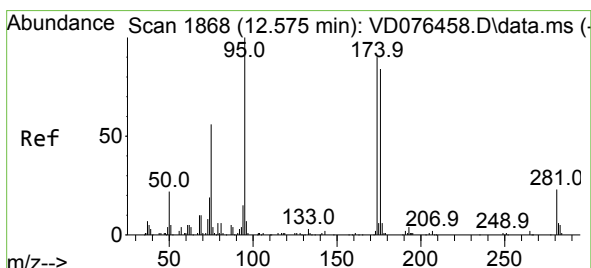
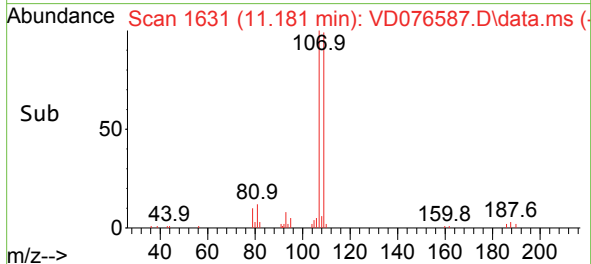
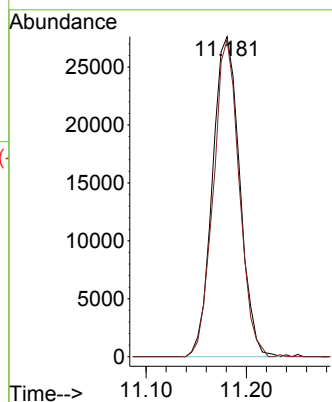
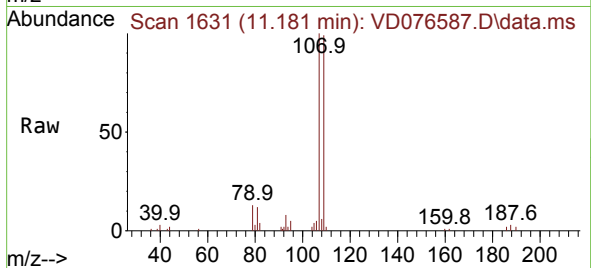




#61
1,2-Dibromoethane
Concen: 53.420 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

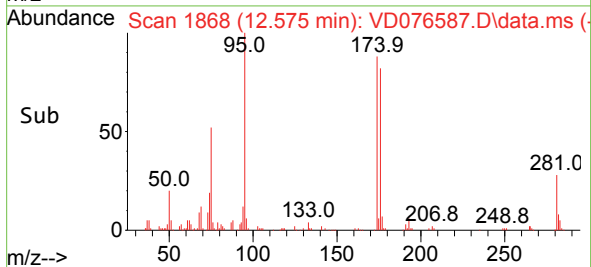
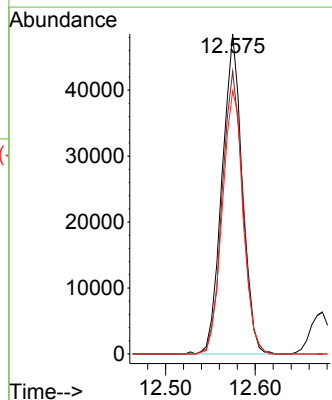
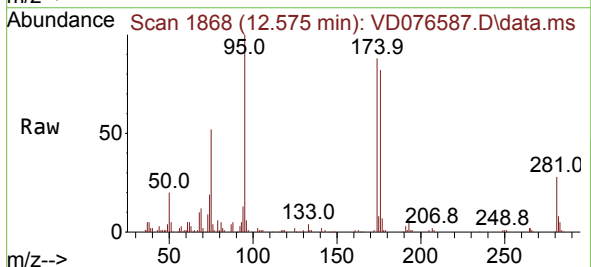
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

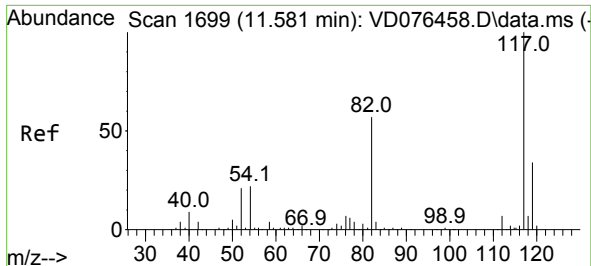
Tgt Ion:107 Resp: 52000
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.377 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 95 Resp: 75576
Ion Ratio Lower Upper
95 100
174 90.3 0.0 201.8
176 85.1 0.0 191.8

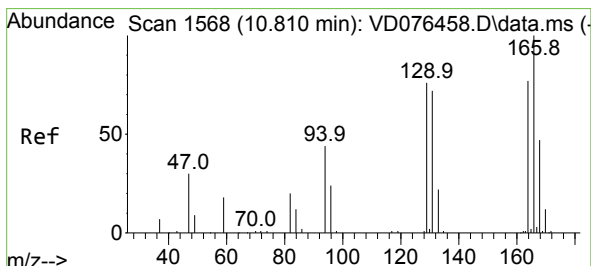
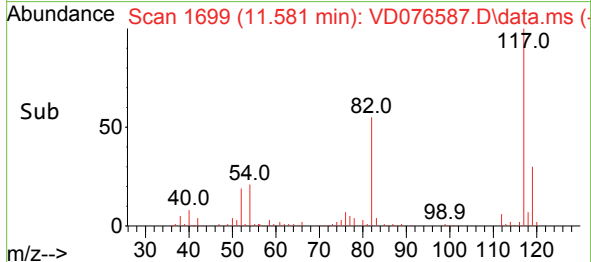
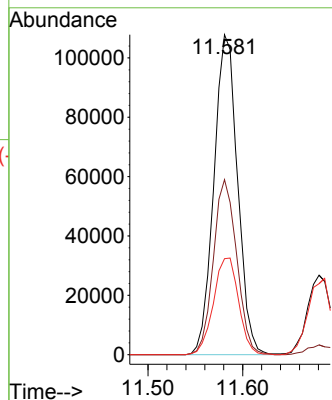
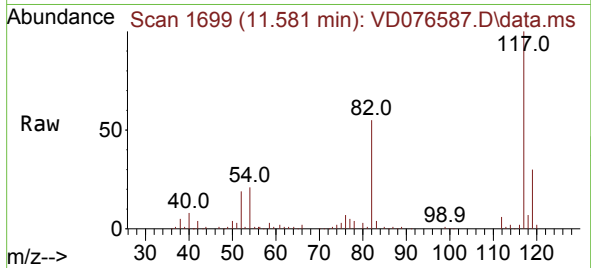




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

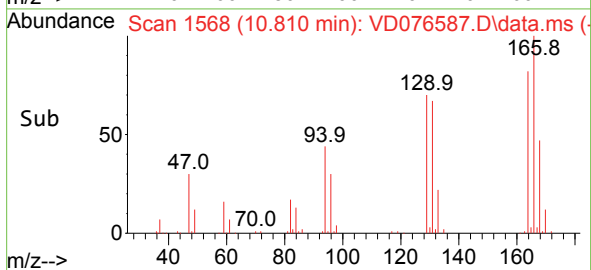
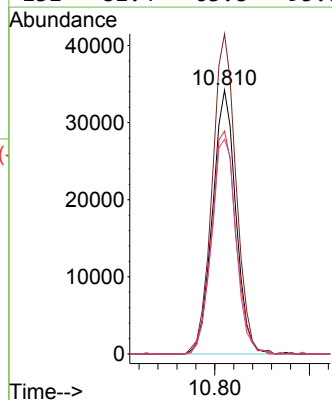
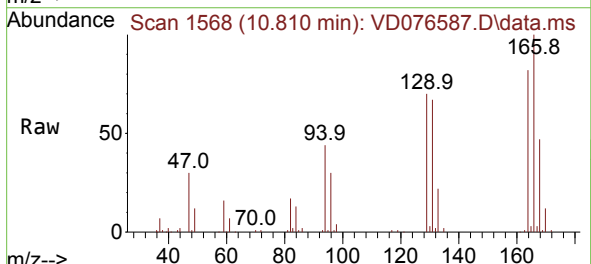
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

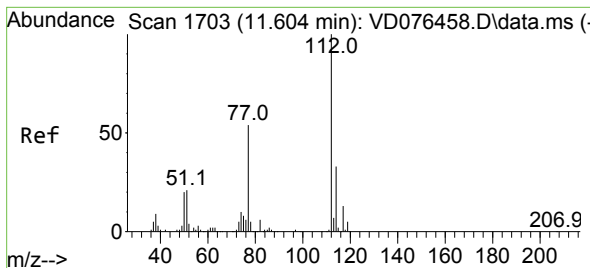
Tgt Ion:117 Resp: 187504
Ion Ratio Lower Upper
117 100
82 54.7 38.3 57.5
119 30.0 25.0 37.4



#64
Tetrachloroethene
Concen: 51.842 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion:164 Resp: 58349
Ion Ratio Lower Upper
164 100
166 121.3 99.2 148.8
129 84.5 68.4 102.6
131 81.4 63.8 95.8

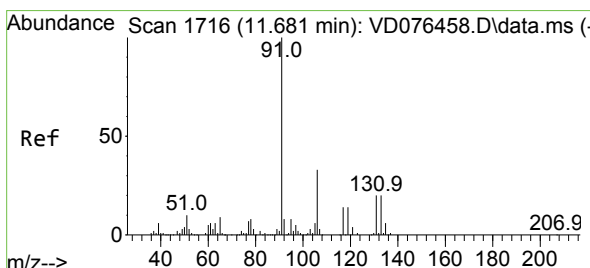
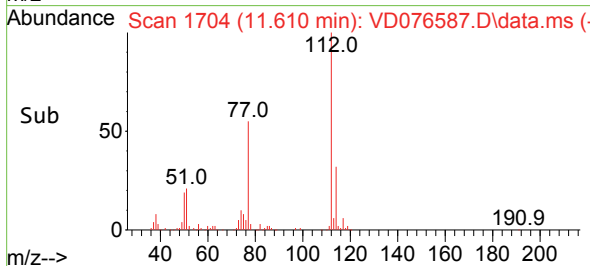
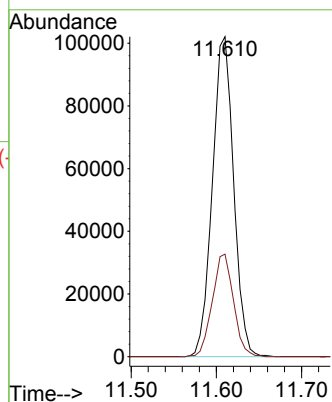
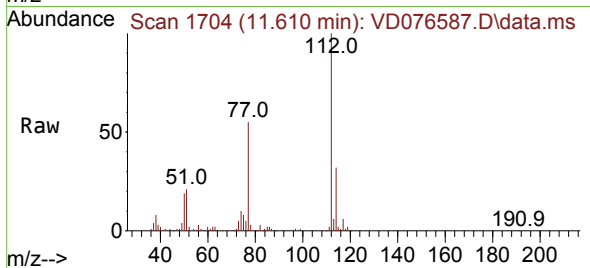




#65
Chlorobenzene
Concen: 49.689 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

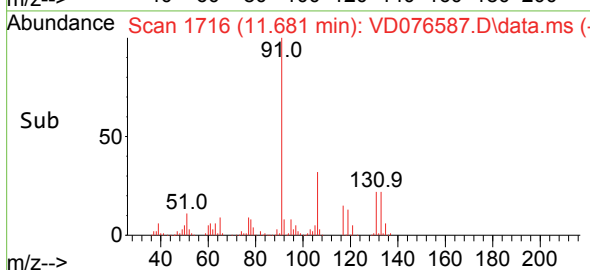
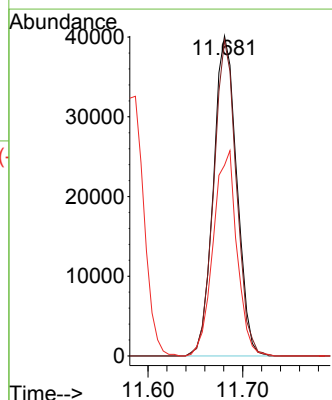
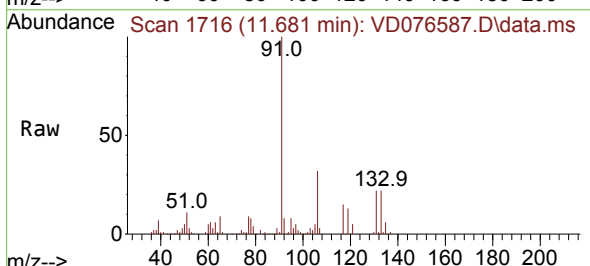
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

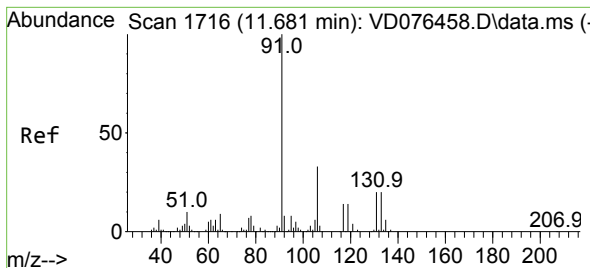
Tgt Ion:112 Resp: 177002
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.124 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion:131 Resp: 68951
Ion Ratio Lower Upper
131 100
133 96.1 48.5 145.5
119 65.1 35.6 106.9





#67

Ethyl Benzene

Concen: 50.024 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

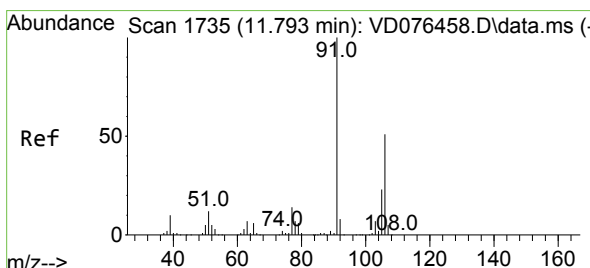
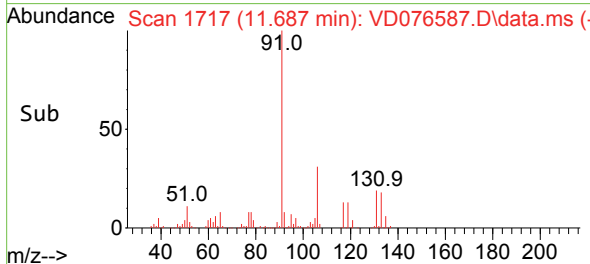
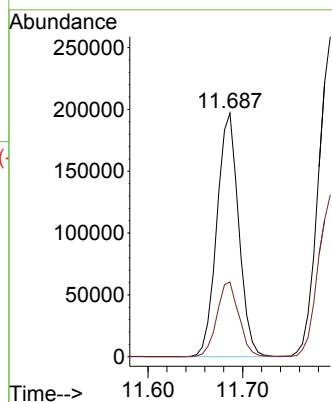
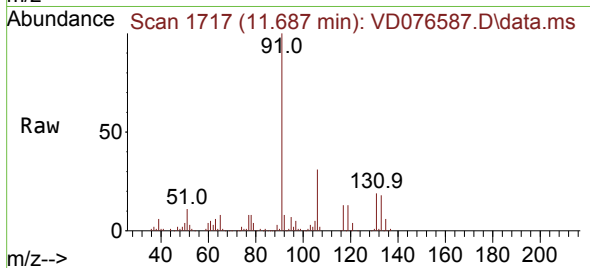
VSTDCCC050EC

Tgt Ion: 91 Resp: 315748

Ion Ratio Lower Upper

91 100

106 30.7 26.5 39.7



#68

m/p-Xylenes

Concen: 100.162 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076587.D

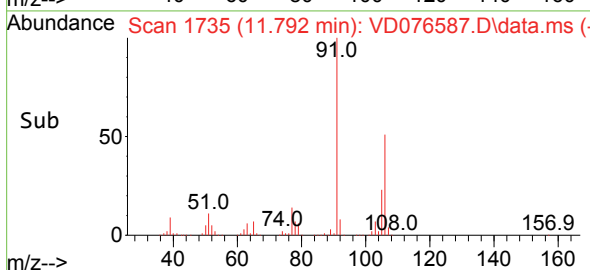
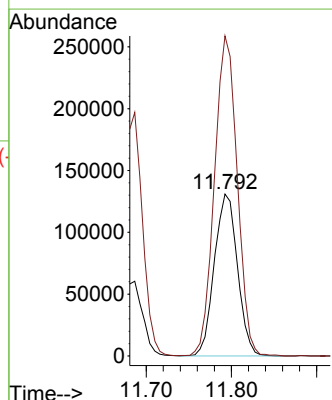
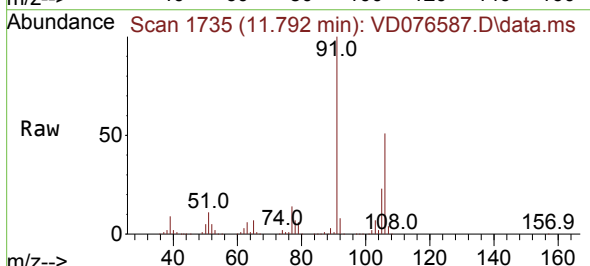
Acq: 26 Jun 2023 18:28

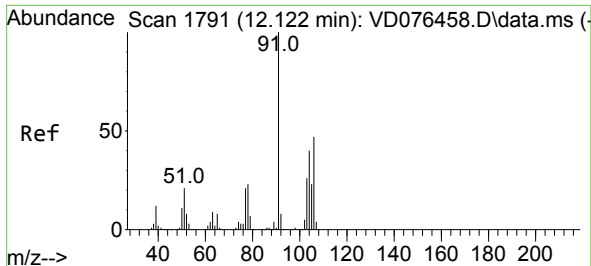
Tgt Ion: 106 Resp: 246792

Ion Ratio Lower Upper

106 100

91 195.2 147.0 220.6

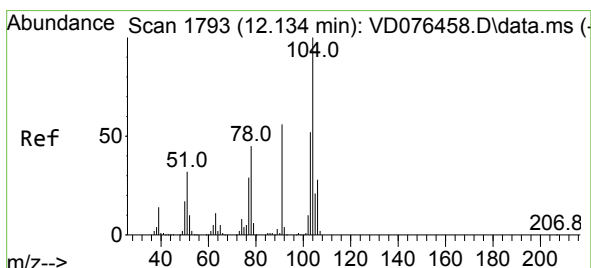
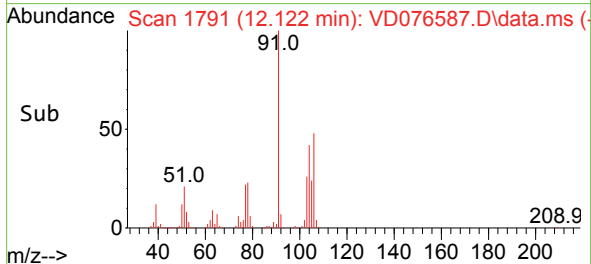
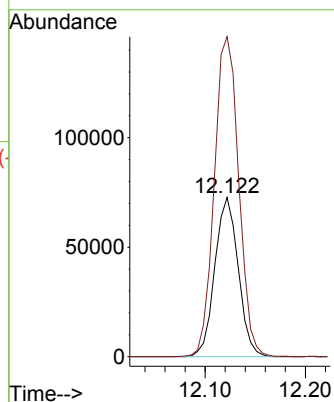
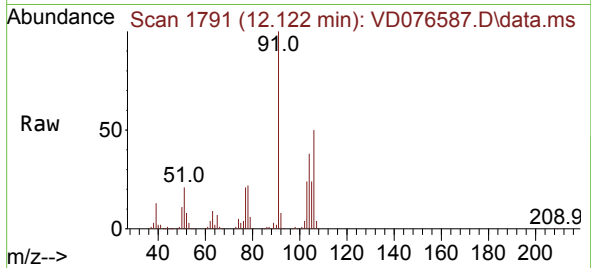




#69
o-Xylene
Concen: 50.175 ug/l
RT: 12.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

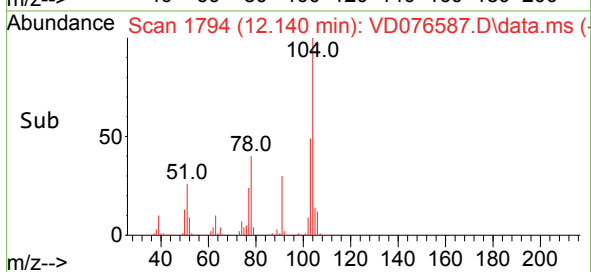
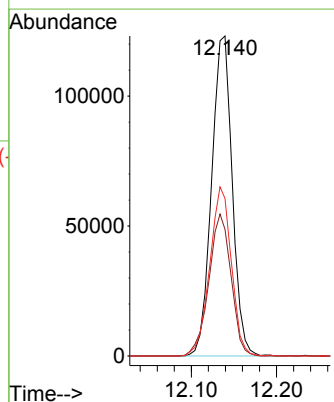
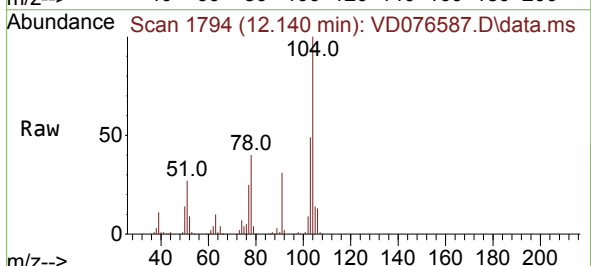
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

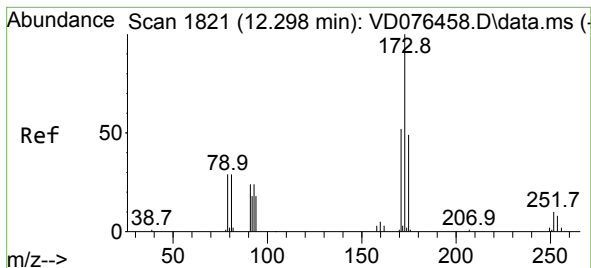
Tgt Ion:106 Resp: 117682
Ion Ratio Lower Upper
106 100
91 210.1 97.9 293.6



#70
Styrene
Concen: 51.045 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion:104 Resp: 206813
Ion Ratio Lower Upper
104 100
78 47.7 33.2 49.8
103 55.3 43.6 65.4





#71

Bromoform

Concen: 56.340 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

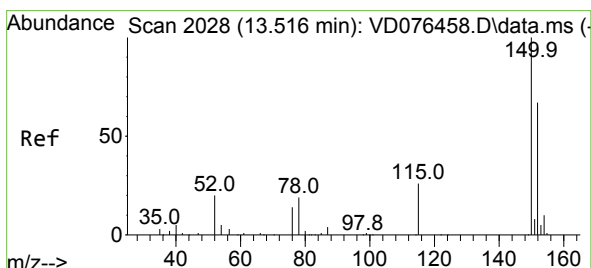
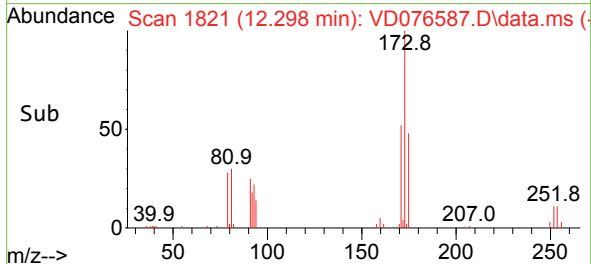
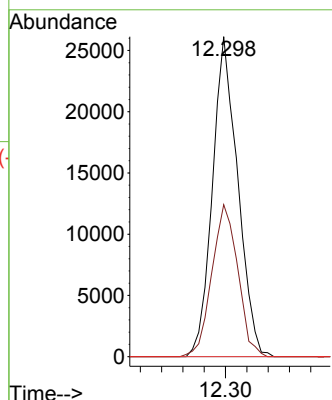
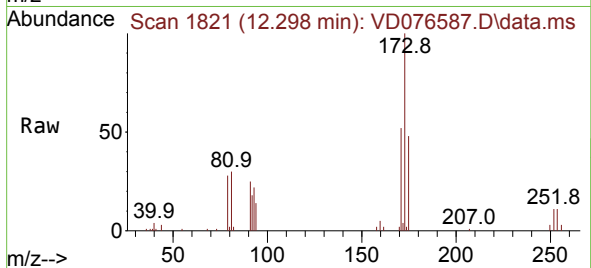
Tgt Ion:173 Resp: 43095

Ion Ratio Lower Upper

173 100

175 48.7 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: VD076587.D

Acq: 26 Jun 2023 18:28

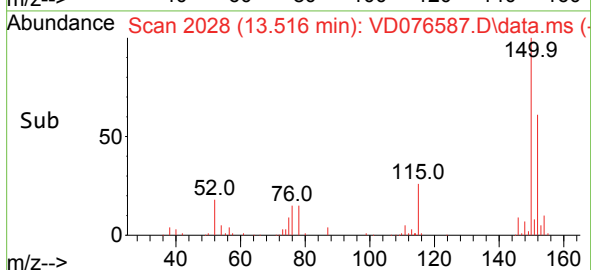
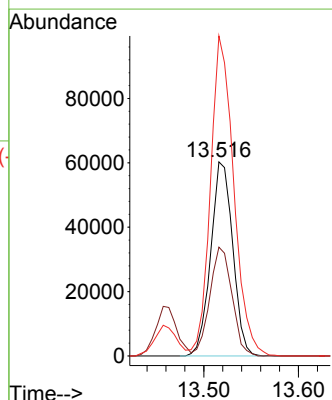
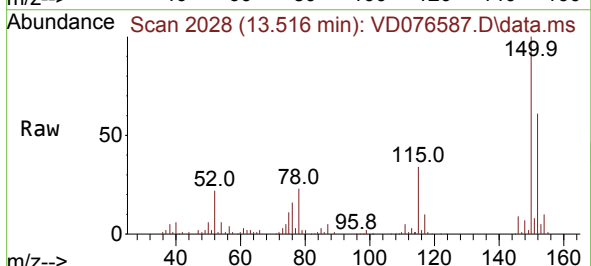
Tgt Ion:152 Resp: 97464

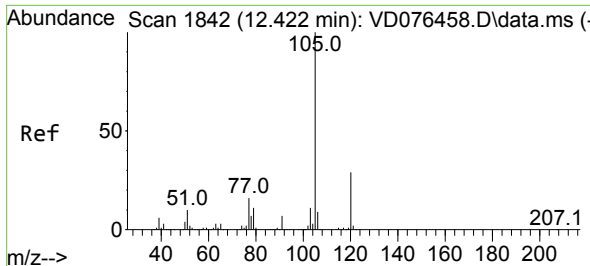
Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.3

150 174.0 0.0 353.6

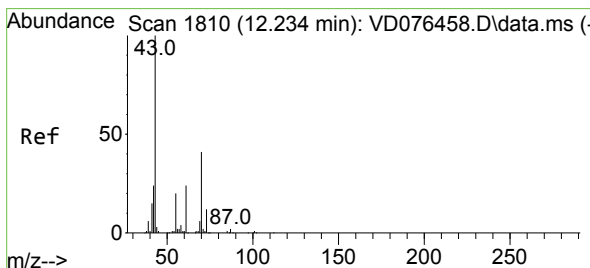
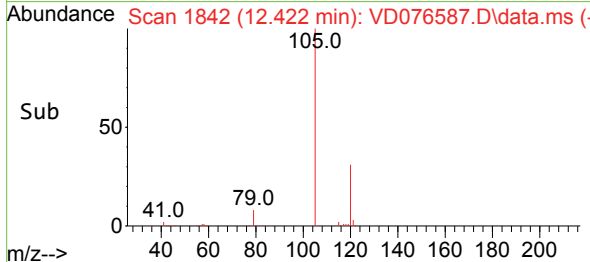
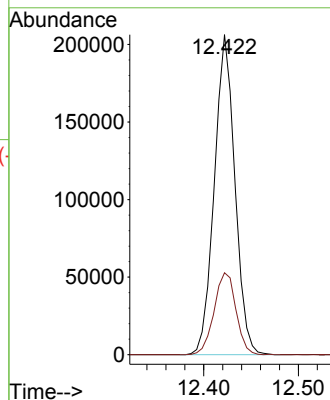
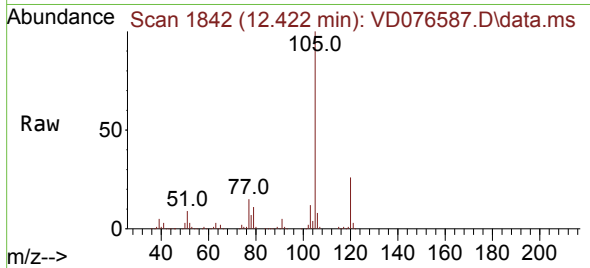




#73
Isopropylbenzene
Concen: 47.358 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

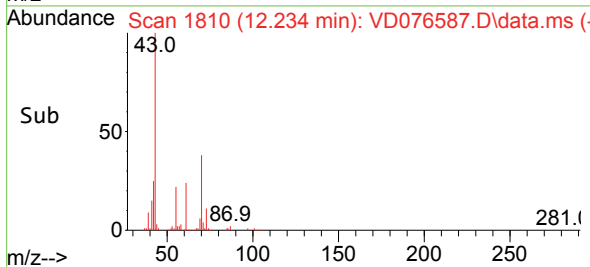
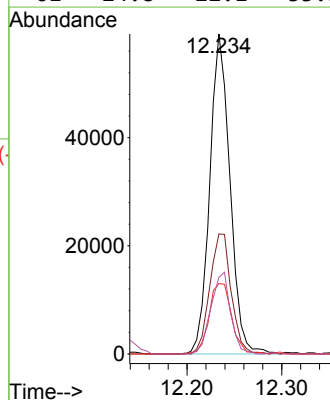
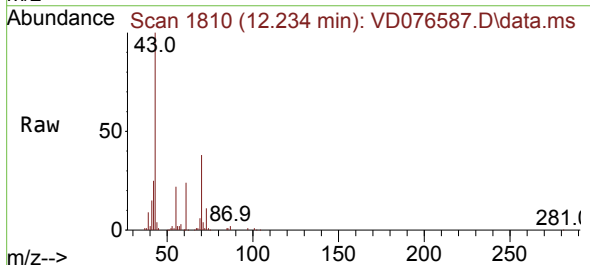
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

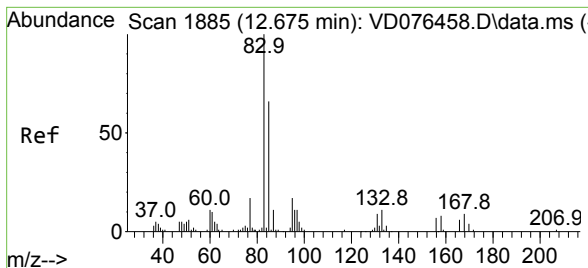
Tgt Ion:105 Resp: 310762
Ion Ratio Lower Upper
105 100
120 27.2 14.3 42.9



#74
N-ethyl acetate
Concen: 45.601 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 43 Resp: 87602
Ion Ratio Lower Upper
43 100
70 39.8 45.0 67.4#
55 24.6 23.8 35.6
61 24.8 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.675 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

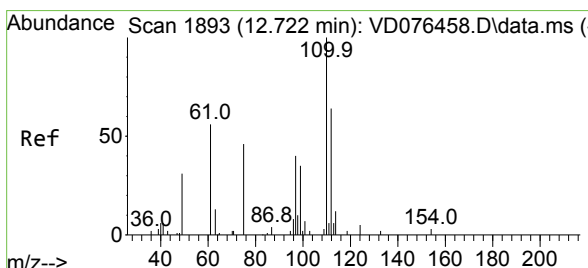
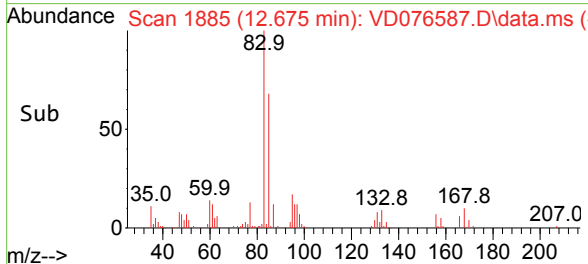
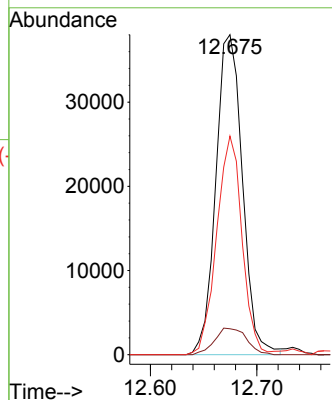
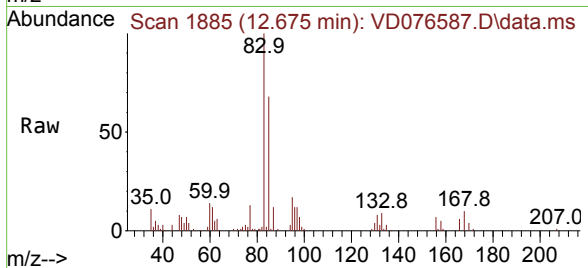
Tgt Ion: 83 Resp: 65910

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

85 65.3 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 85.241 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD076587.D

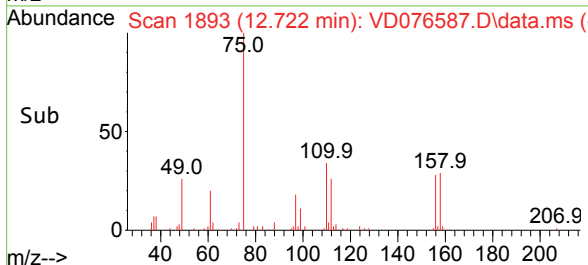
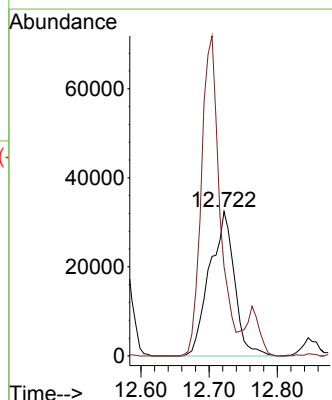
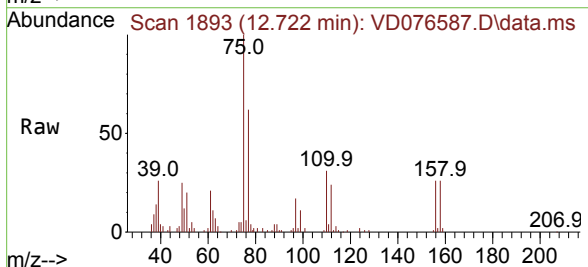
Acq: 26 Jun 2023 18:28

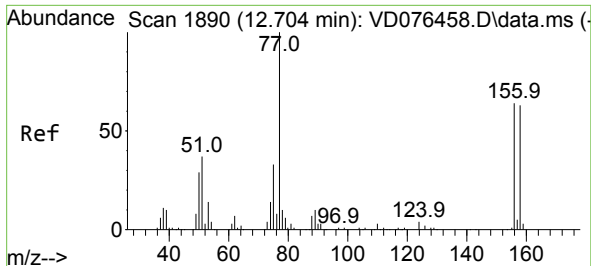
Tgt Ion: 75 Resp: 82454

Ion Ratio Lower Upper

75 100

77 165.4 0.0 0.0#

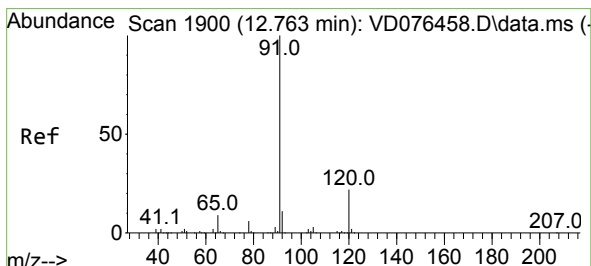
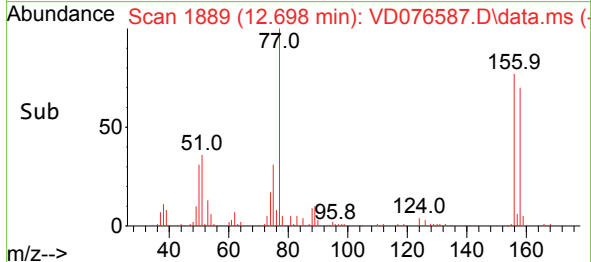
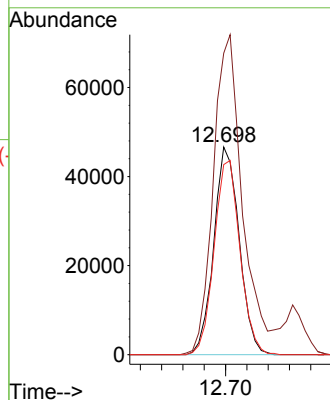
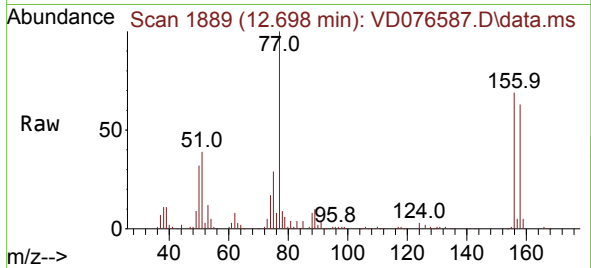




#77
Bromobenzene
Concen: 47.720 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

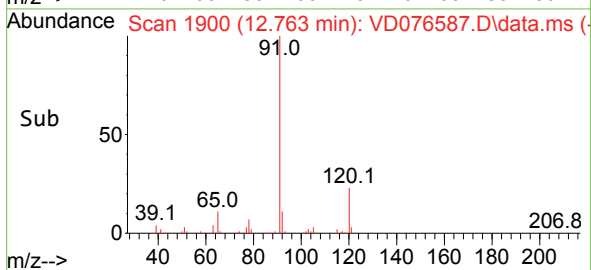
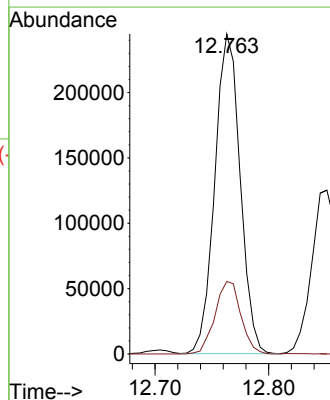
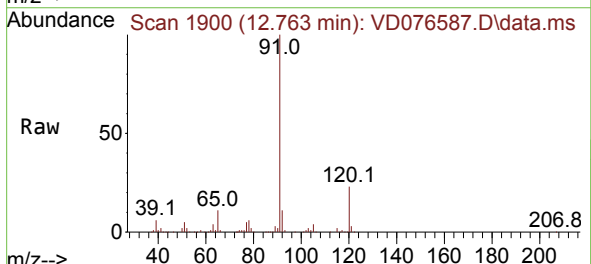
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

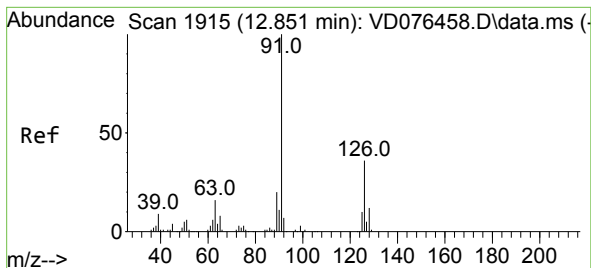
Tgt Ion:156 Resp: 77254
Ion Ratio Lower Upper
156 100
77 176.5 76.8 230.4
158 95.2 48.6 145.9



#78
n-propylbenzene
Concen: 46.801 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 91 Resp: 379199
Ion Ratio Lower Upper
91 100
120 23.1 12.4 37.2





#79

2-Chlorotoluene

Concen: 47.090 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

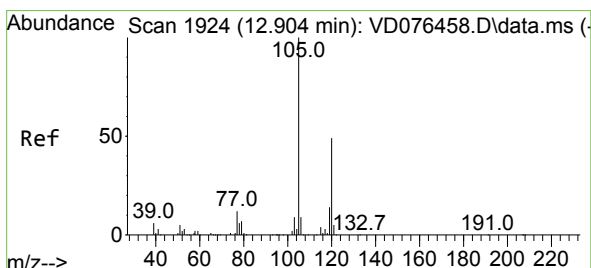
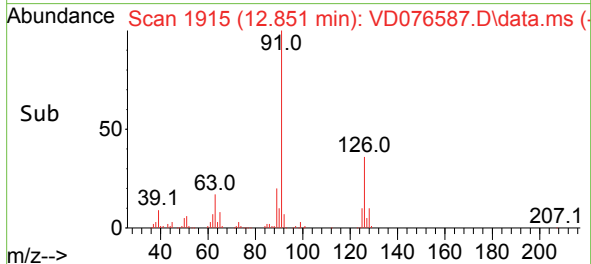
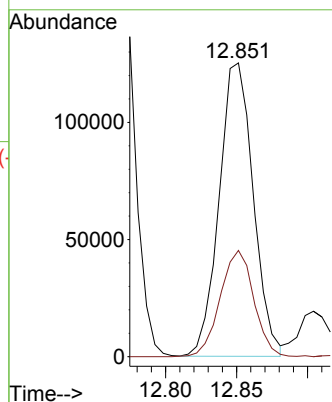
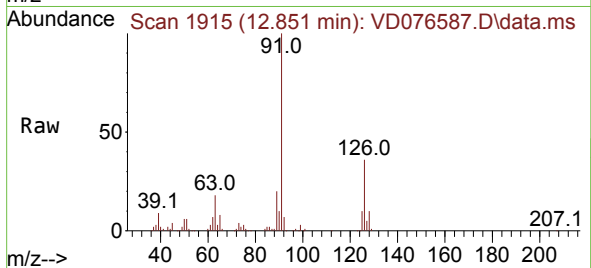
VSTDCCC050EC

Tgt Ion: 91 Resp: 209515

Ion Ratio Lower Upper

91 100

126 35.6 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 47.506 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD076587.D

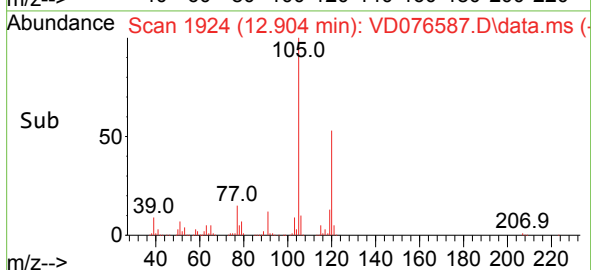
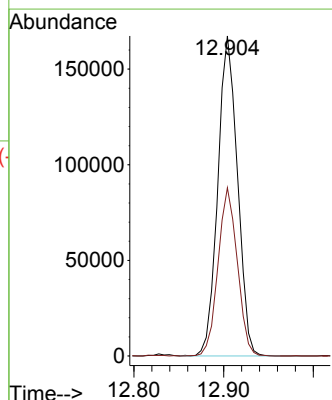
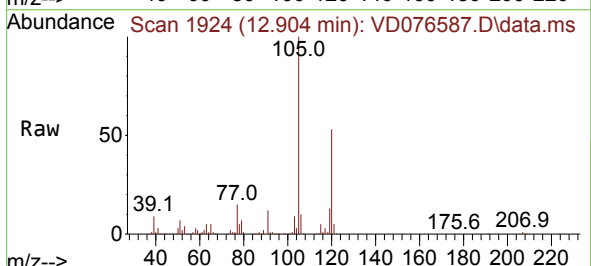
Acq: 26 Jun 2023 18:28

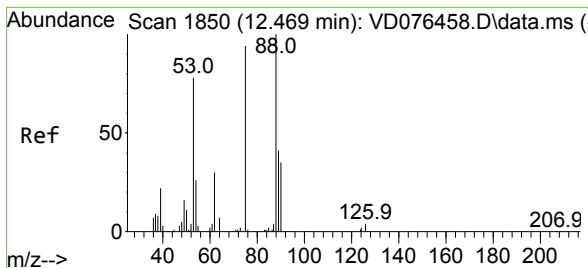
Tgt Ion: 105 Resp: 254580

Ion Ratio Lower Upper

105 100

120 51.4 26.4 79.2

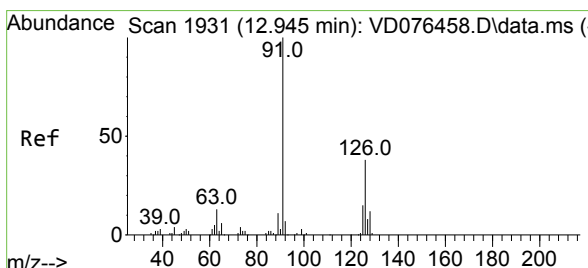
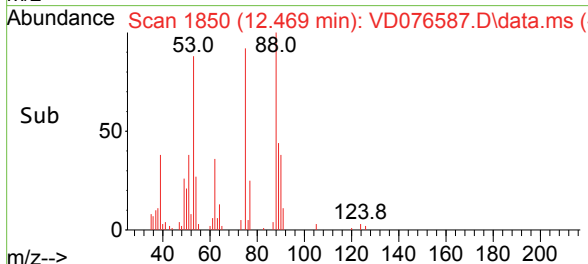
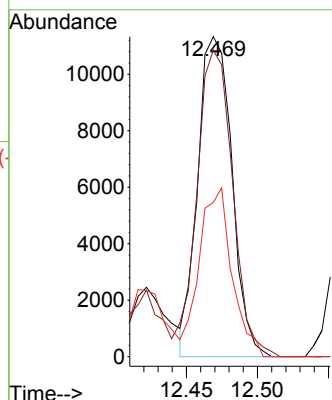
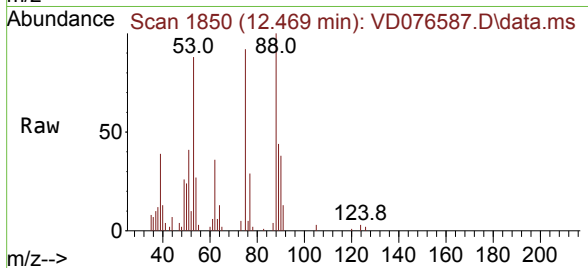




#81
trans-1,4-Dichloro-2-butene
Concen: 42.877 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

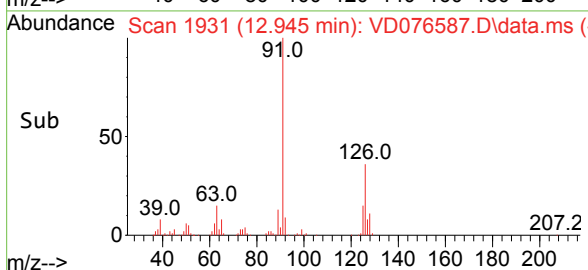
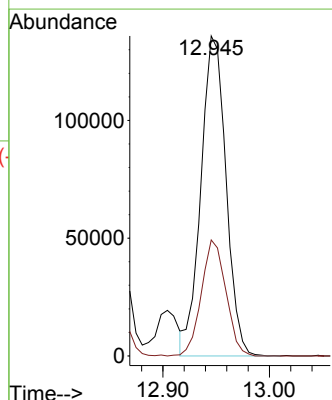
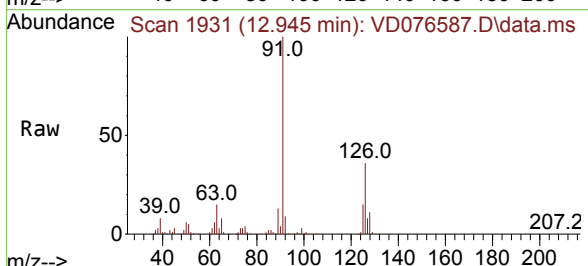
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

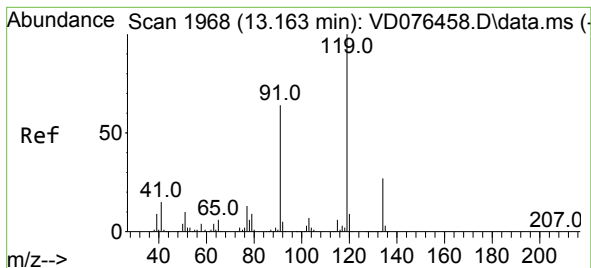
Tgt Ion: 75 Resp: 18928
Ion Ratio Lower Upper
75 100
53 100.1 63.0 94.4#
89 50.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 48.218 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 91 Resp: 222802
Ion Ratio Lower Upper
91 100
126 35.5 19.4 58.4





#83

tert-Butylbenzene

Concen: 47.968 ug/l

RT: 13.169 min Scan# 1968

Delta R.T. 0.006 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

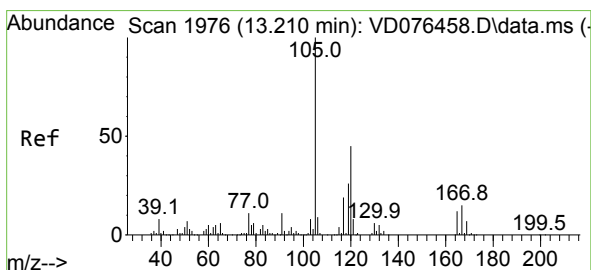
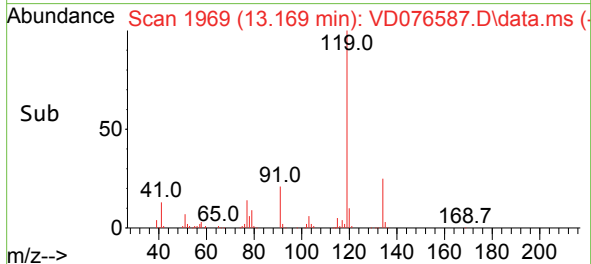
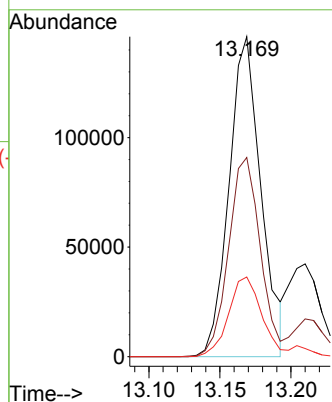
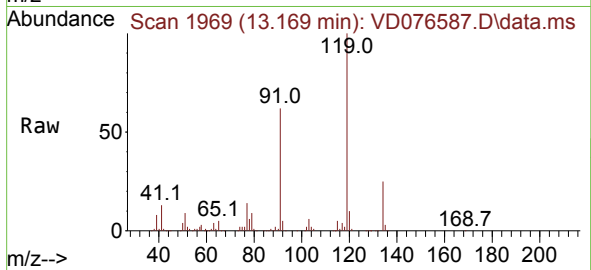
Tgt Ion:119 Resp: 228402

Ion Ratio Lower Upper

119 100

91 61.9 29.3 87.8

134 26.0 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 47.763 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD076587.D

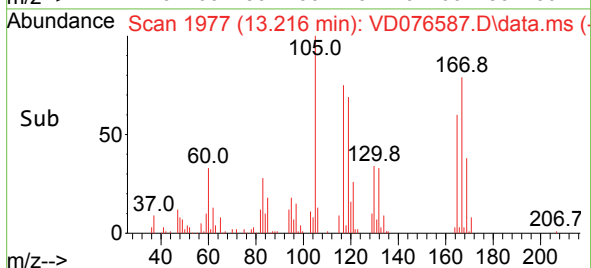
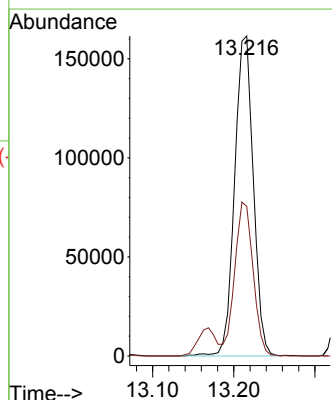
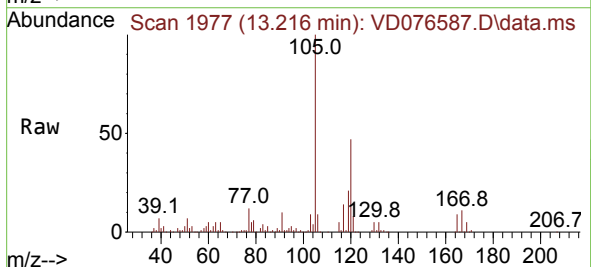
Acq: 26 Jun 2023 18:28

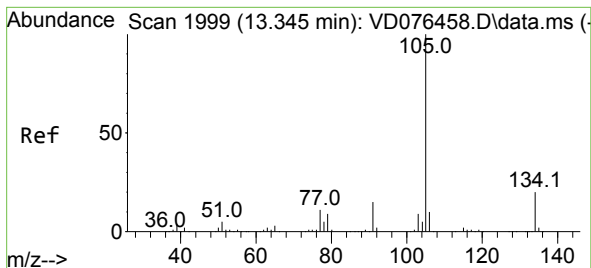
Tgt Ion:105 Resp: 257936

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.9





#85

sec-Butylbenzene

Concen: 47.938 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

Instrument :

MSVOA_D

ClientSampleId :

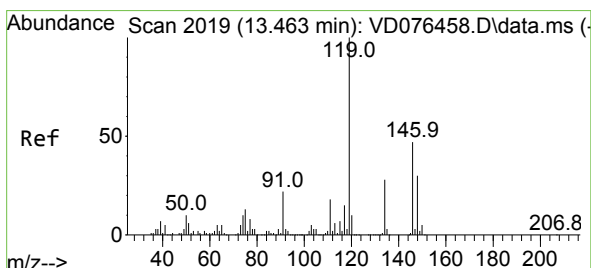
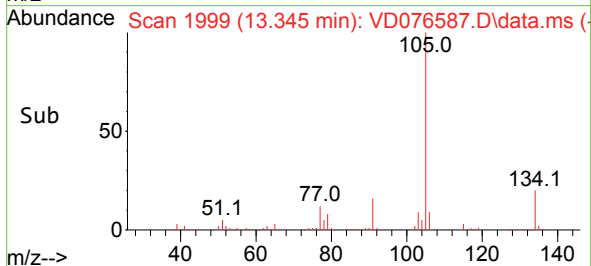
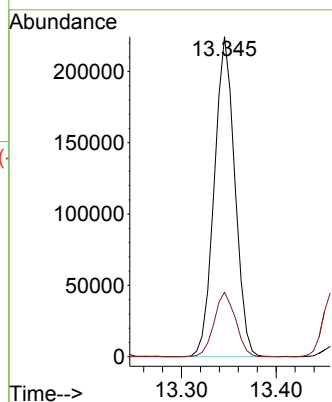
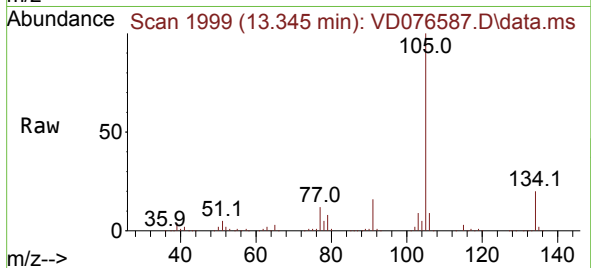
VSTDCCC050EC

Tgt Ion:105 Resp: 338736

Ion Ratio Lower Upper

105 100

134 20.9 10.9 32.9



#86

p-Isopropyltoluene

Concen: 48.350 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD076587.D

Acq: 26 Jun 2023 18:28

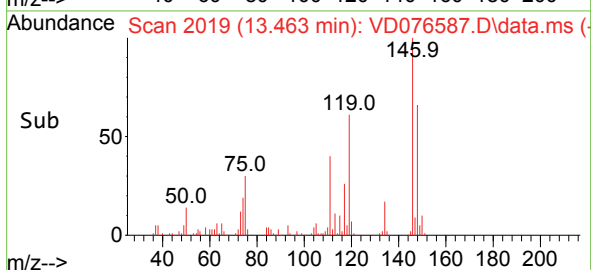
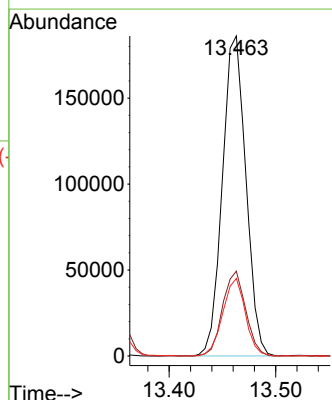
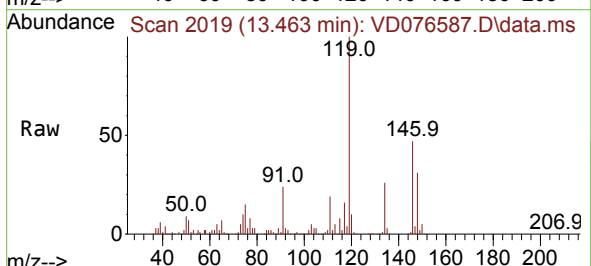
Tgt Ion:119 Resp: 285474

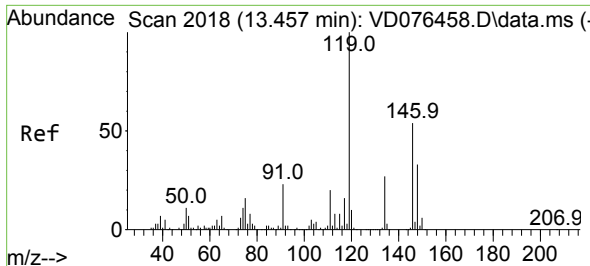
Ion Ratio Lower Upper

119 100

134 26.0 14.2 42.6

91 23.4 10.5 31.5

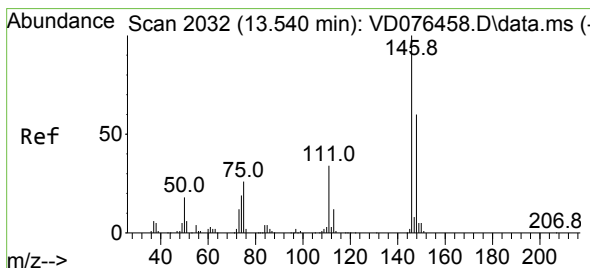
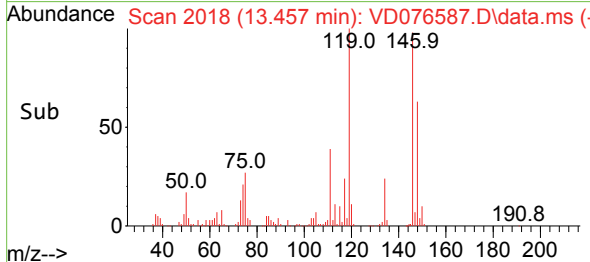
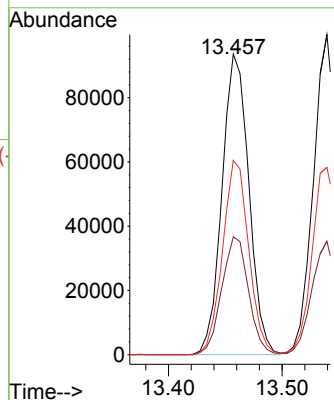
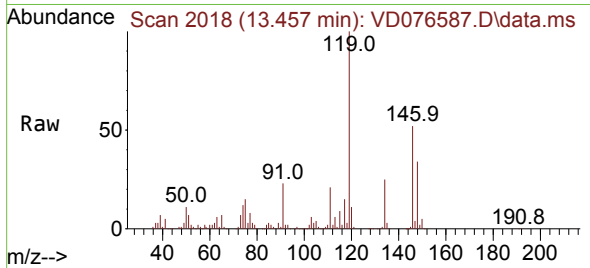




#87
 1,3-Dichlorobenzene
 Concen: 48.318 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD076587.D
 Acq: 26 Jun 2023 18:28

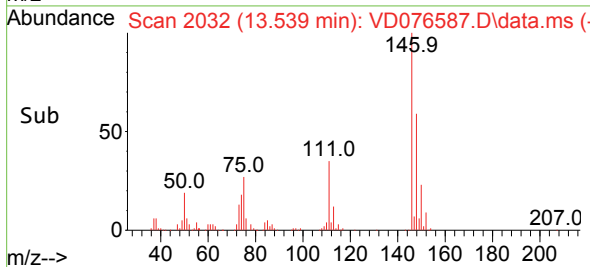
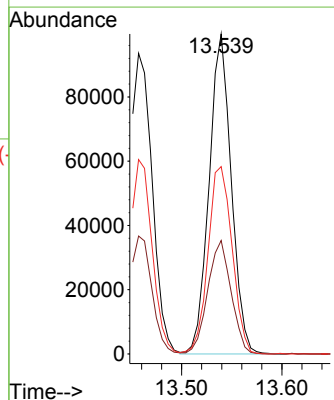
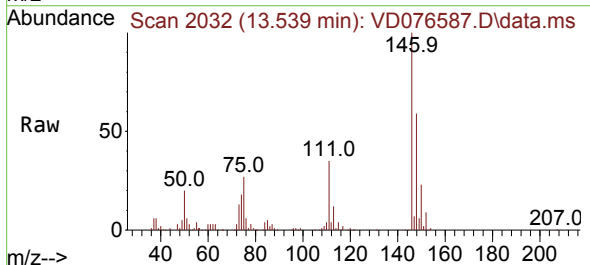
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

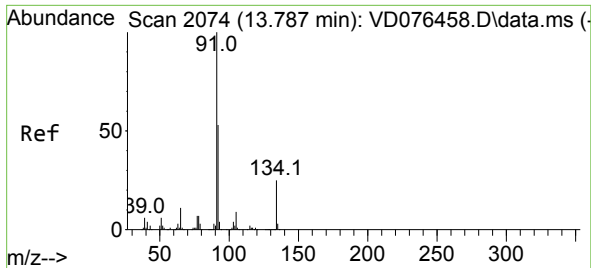
Tgt Ion:146 Resp: 153652
 Ion Ratio Lower Upper
 146 100
 111 39.2 17.9 53.8
 148 63.1 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 48.384 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD076587.D
 Acq: 26 Jun 2023 18:28

Tgt Ion:146 Resp: 153451
 Ion Ratio Lower Upper
 146 100
 111 37.3 17.4 52.3
 148 63.6 31.7 95.1

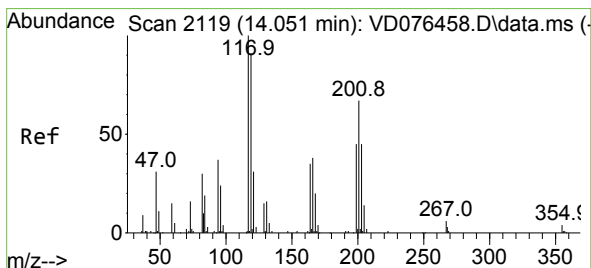
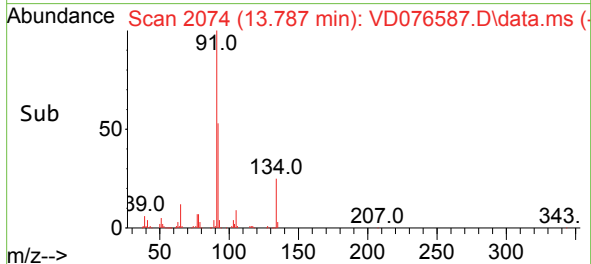
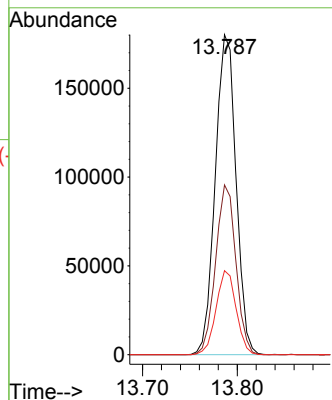
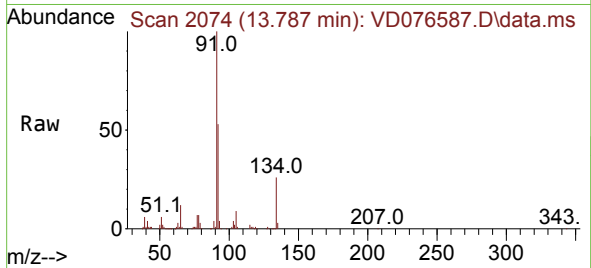




#89
n-Butylbenzene
Concen: 47.705 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

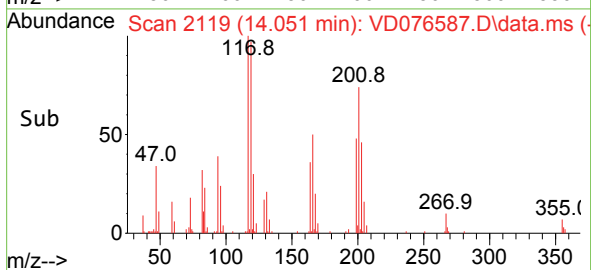
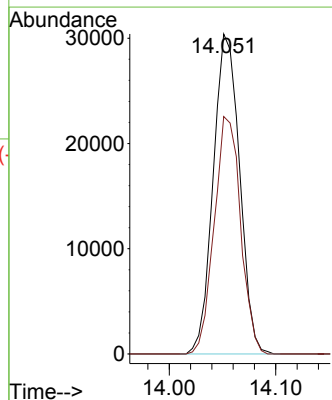
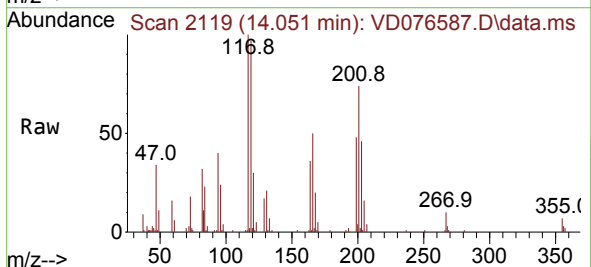
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

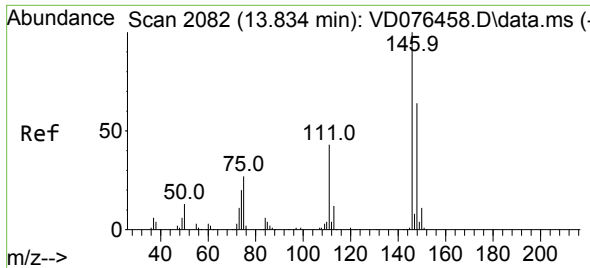
Tgt Ion: 91 Resp: 274728
Ion Ratio Lower Upper
91 100
92 51.8 26.5 79.5
134 25.4 13.8 41.3



#90
Hexachloroethane
Concen: 47.933 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 117 Resp: 52227
Ion Ratio Lower Upper
117 100
201 74.1 38.5 115.5

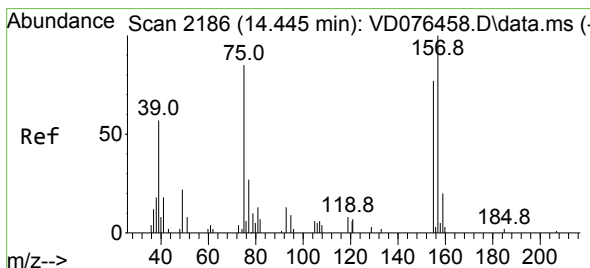
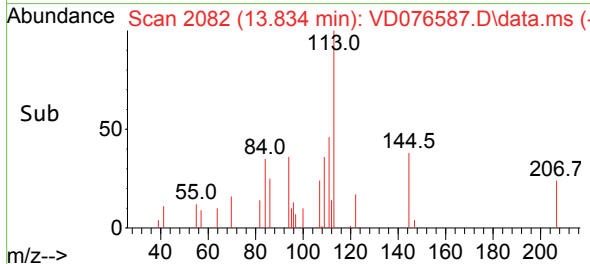
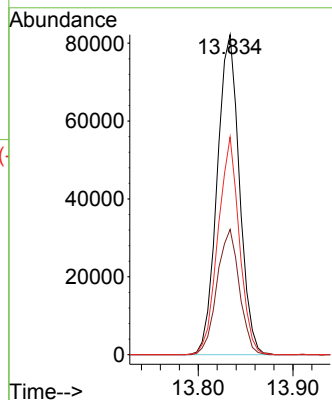
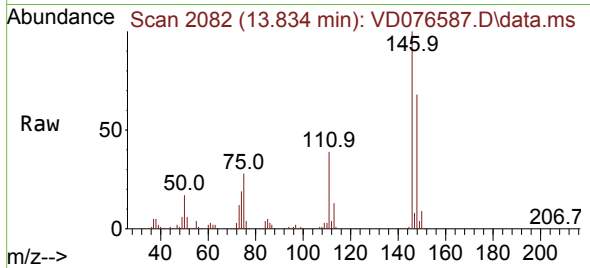




#91
1,2-Dichlorobenzene
Concen: 48.229 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

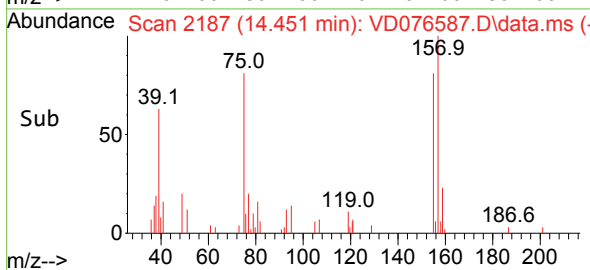
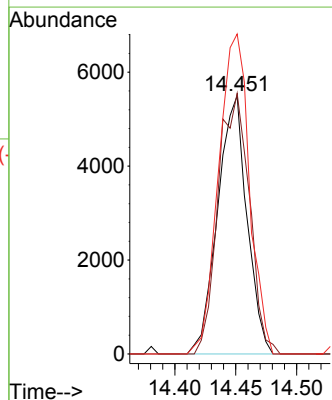
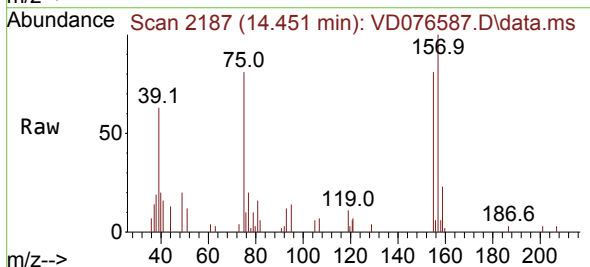
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

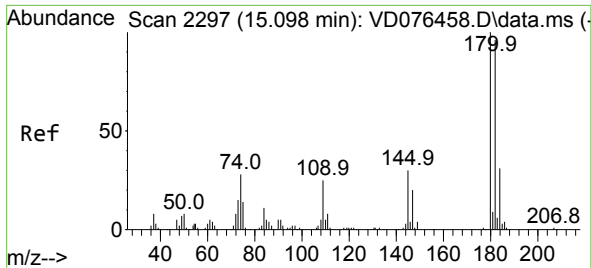
Tgt Ion:146 Resp: 134020
Ion Ratio Lower Upper
146 100
111 39.4 18.3 54.8
148 65.2 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.134 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion: 75 Resp: 9199
Ion Ratio Lower Upper
75 100
155 107.9 47.9 143.8
157 130.5 59.9 179.7

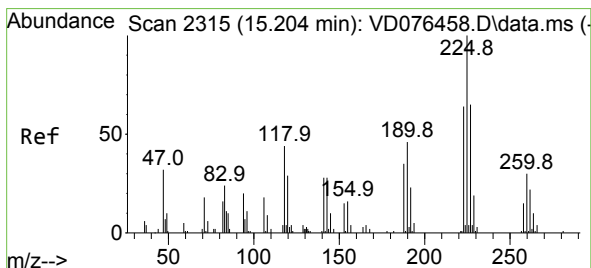
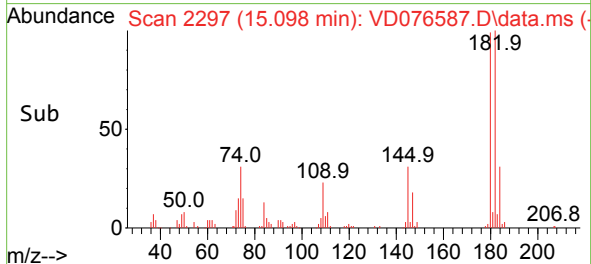
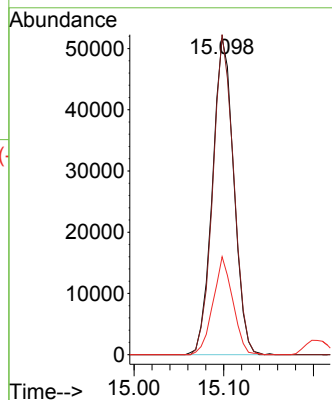
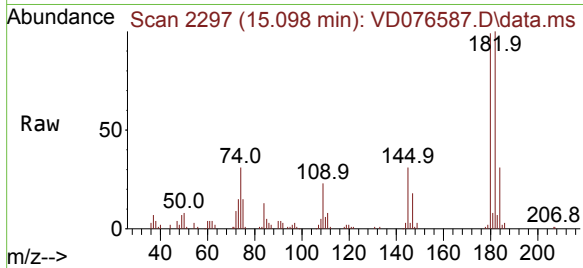




#93
1,2,4-Trichlorobenzene
Concen: 46.131 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

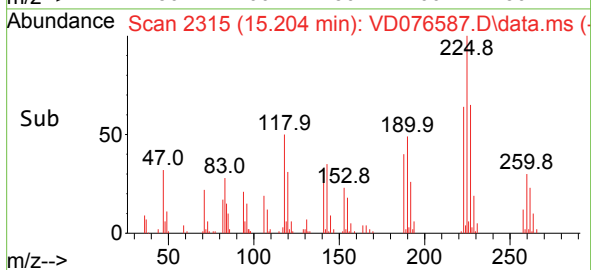
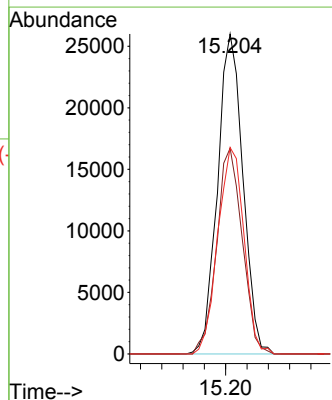
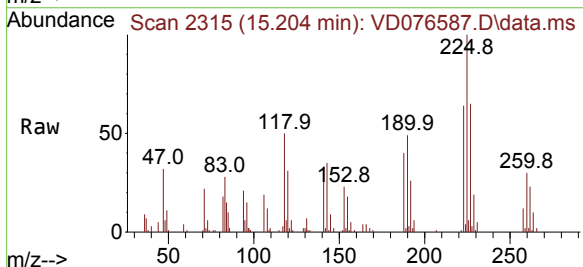
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

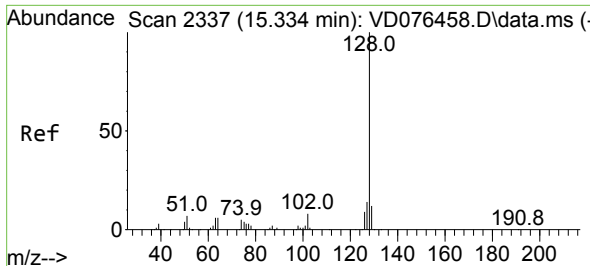
Tgt Ion:180 Resp: 85432
Ion Ratio Lower Upper
180 100
182 98.4 48.5 145.6
145 28.7 14.2 42.6



#94
Hexachlorobutadiene
Concen: 47.744 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion:225 Resp: 42987
Ion Ratio Lower Upper
225 100
223 64.6 31.6 94.8
227 66.4 31.7 95.1

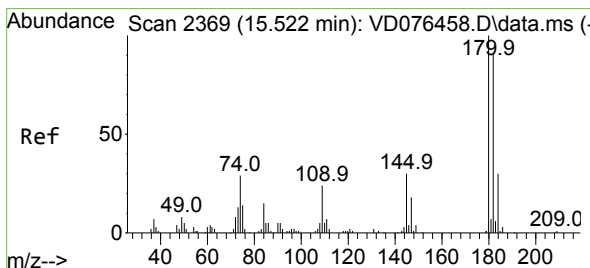
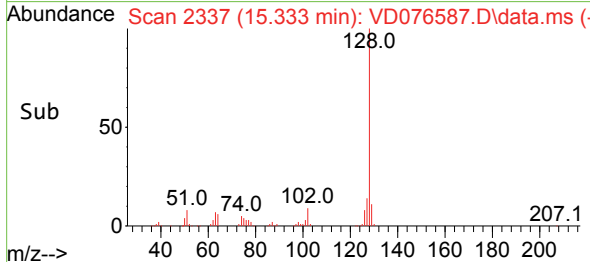
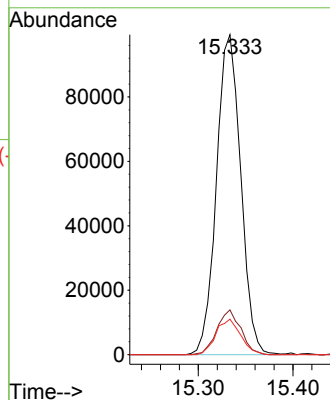
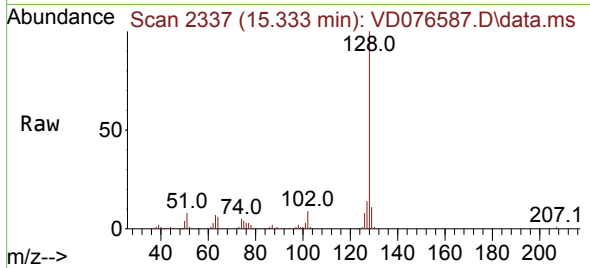




#95
Naphthalene
Concen: 47.855 ug/l
RT: 15.333 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	177218
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.5	15.7
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.158 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076587.D
Acq: 26 Jun 2023 18:28

Tgt Ion:	180	Resp:	77702
Ion Ratio	Lower	Upper	
180	100		
182	92.8	47.3	141.9
145	31.3	15.1	45.3

