

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062123\
 Data File : VD076505.D
 Acq On : 21 Jun 2023 10:54
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 22 01:54:50 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	134639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	219099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	204411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103262	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59925	44.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.840%
35) Dibromofluoromethane	7.799	113	64794	49.780	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.560%
50) Toluene-d8	10.269	98	237974	48.209	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.420%
62) 4-Bromofluorobenzene	12.575	95	78771	49.170	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	53680	52.470	ug/l	97
3) Chloromethane	2.146	50	93805	44.087	ug/l	99
4) Vinyl Chloride	2.281	62	116952	49.274	ug/l	97
5) Bromomethane	2.681	94	76015	49.256	ug/l	98
6) Chloroethane	2.828	64	81687	50.214	ug/l	98
7) Trichlorofluoromethane	3.170	101	109730	56.177	ug/l	99
8) Diethyl Ether	3.587	74	35862	48.784	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.964	101	70627	56.145	ug/l	98
10) Methyl Iodide	4.152	142	81257	54.485	ug/l	92
11) Tert butyl alcohol	5.052	59	22879	196.437	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	63695	51.700	ug/l	88
13) Acrolein	3.787	56	30507	243.179	ug/l	98
14) Allyl chloride	4.558	41	110656	49.113	ug/l #	88
15) Acrylonitrile	5.252	53	88953	235.321	ug/l	99
16) Acetone	4.017	43	88473	275.615	ug/l	88
17) Carbon Disulfide	4.264	76	167140	49.653	ug/l	97
18) Methyl Acetate	4.564	43	65796	44.477	ug/l #	82
19) Methyl tert-butyl Ether	5.316	73	164945	48.946	ug/l	94
20) Methylene Chloride	4.799	84	90067	50.068	ug/l #	68
21) trans-1,2-Dichloroethene	5.311	96	73903	51.900	ug/l	85
22) Diisopropyl ether	6.216	45	245283	50.347	ug/l #	93
23) Vinyl Acetate	6.152	43	588934	243.879	ug/l #	88
24) 1,1-Dichloroethane	6.105	63	138441	50.888	ug/l	97
25) 2-Butanone	7.081	43	120798	243.302	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	120347	51.309	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	89579	51.980	ug/l	88
28) Bromochloromethane	7.428	49	34541	43.818	ug/l #	68
29) Tetrahydrofuran	7.440	42	71542	224.219	ug/l #	76
30) Chloroform	7.593	83	138658	51.474	ug/l	100
31) Cyclohexane	7.869	56	118141	56.738	ug/l #	78
32) 1,1,1-Trichloroethane	7.793	97	119417	54.841	ug/l	98
36) 1,1-Dichloropropene	8.005	75	107210	58.818	ug/l	96
37) Ethyl Acetate	7.169	43	50743	48.043	ug/l #	94
38) Carbon Tetrachloride	7.987	117	100269	61.547	ug/l	95
39) Methylcyclohexane	9.269	83	125870	58.845	ug/l #	89
40) Benzene	8.246	78	305720	55.001	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	30462	51.075	ug/l #	83
42) 1,2-Dichloroethane	8.322	62	81257	54.102	ug/l	96
43) Isopropyl Acetate	8.357	43	99668	49.844	ug/l #	84
44) Trichloroethene	9.028	130	83742	55.849	ug/l	89
45) 1,2-Dichloropropane	9.304	63	83191	55.200	ug/l	97
46) Dibromomethane	9.393	93	44498	55.117	ug/l	95
47) Bromodichloromethane	9.581	83	108474	56.146	ug/l	98
48) Methyl methacrylate	9.381	41	47701	52.047	ug/l #	71
49) 1,4-Dioxane	9.387	88	9557	987.996	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	259685	254.058	ug/l #	85
52) Toluene	10.334	92	201368	57.731	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	107237	54.700	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	128514	55.291	ug/l #	81
55) 1,1,2-Trichloroethane	10.734	97	60463	53.540	ug/l	94
56) Ethyl methacrylate	10.599	69	77084	52.276	ug/l #	72
57) 1,3-Dichloropropane	10.875	76	102582	53.055	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	143277	229.190	ug/l	92
59) 2-Hexanone	10.922	43	187784	264.109	ug/l	83
60) Dibromochloromethane	11.075	129	75479	57.431	ug/l	97
61) 1,2-Dibromoethane	11.181	107	58590	55.267	ug/l	96
64) Tetrachloroethene	10.810	164	71105	57.950	ug/l	95
65) Chlorobenzene	11.604	112	214413	55.212	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	80498	57.961	ug/l	99
67) Ethyl Benzene	11.681	91	396712	57.653	ug/l	96
68) m/p-Xylenes	11.793	106	309962	115.395	ug/l	95
69) o-Xylene	12.122	106	141432	55.313	ug/l	87
70) Styrene	12.134	104	247340	55.998	ug/l	95
71) Bromoform	12.298	173	45655	54.750	ug/l #	98
73) Isopropylbenzene	12.422	105	389355	56.003	ug/l	97
74) N-amyl acetate	12.234	43	96157	47.244	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.675	83	71998	50.185	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	89094	86.934	ug/l #	100
77) Bromobenzene	12.698	156	87838	51.211	ug/l	87
78) n-propylbenzene	12.763	91	481839	56.130	ug/l	96
79) 2-Chlorotoluene	12.851	91	257676	54.662	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	315444	55.559	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	21722	46.444	ug/l	91
82) 4-Chlorotoluene	12.945	91	263742	53.874	ug/l	96
83) tert-Butylbenzene	13.169	119	282196	55.937	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	314050	54.888	ug/l	98
85) sec-Butylbenzene	13.345	105	436506	58.306	ug/l	95
86) p-Isopropyltoluene	13.463	119	361006	57.709	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	185740	55.129	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	179902	53.539	ug/l	98
89) n-Butylbenzene	13.787	91	349778	57.327	ug/l	99
90) Hexachloroethane	14.057	117	65525	56.761	ug/l	98
91) 1,2-Dichlorobenzene	13.828	146	162715	55.268	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10386	48.097	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	108129	55.109	ug/l	97
94) Hexachlorobutadiene	15.204	225	56868	59.615	ug/l	99
95) Naphthalene	15.334	128	200940	51.214	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	94102	55.047	ug/l	99

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ClientSampleId :
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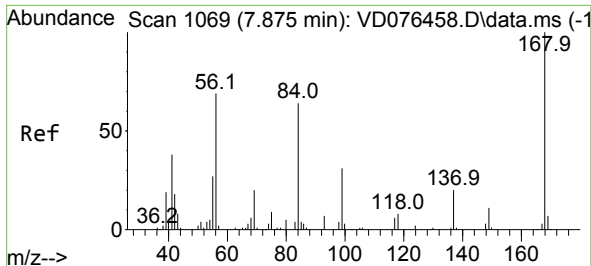
Quant Time: Jun 22 01:54:50 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

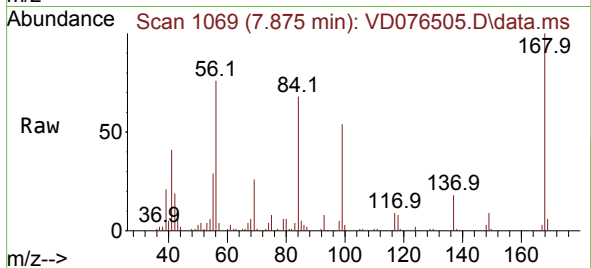
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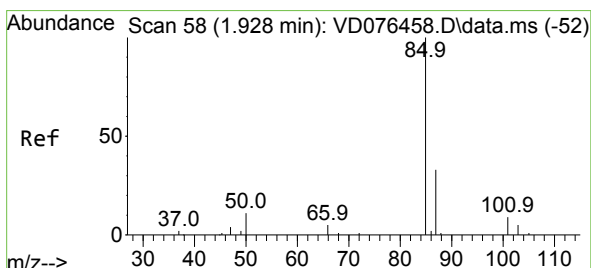
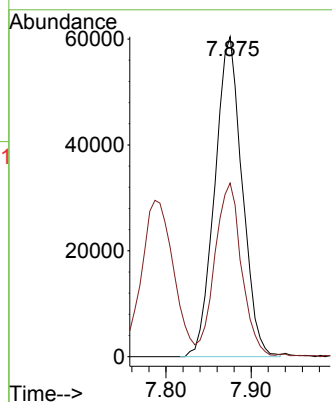
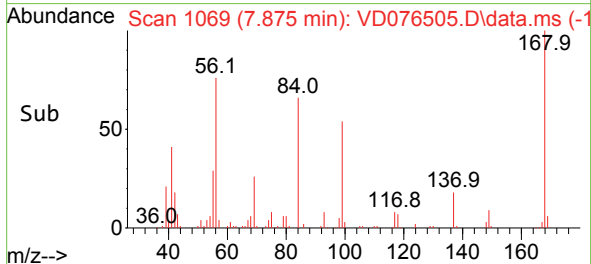


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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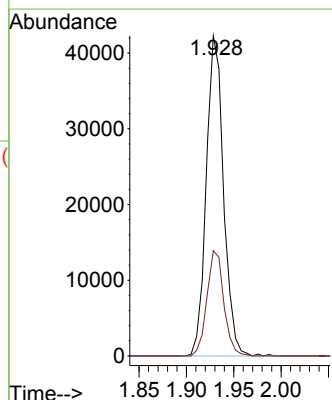
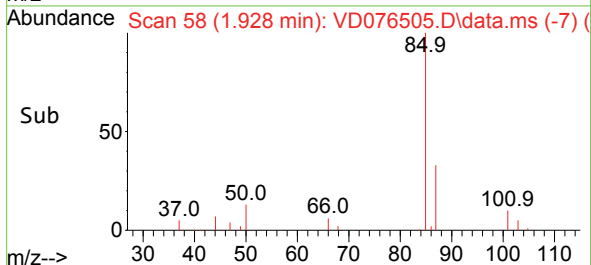
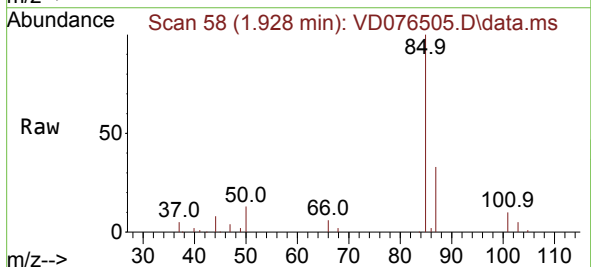


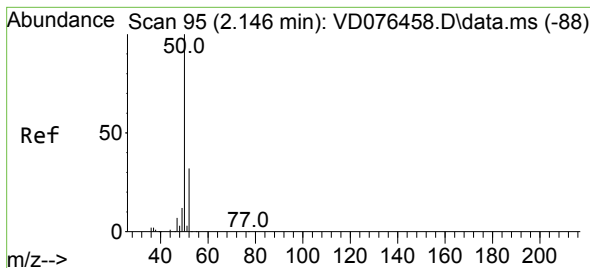
Tgt Ion:168 Resp: 134639
Ion Ratio Lower Upper
168 100
99 53.4 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 52.470 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion: 85 Resp: 53680
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.0





#3

Chloromethane

Concen: 44.087 ug/l

RT: 2.146 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Instrument :

MSVOA_D

ClientSampleId :

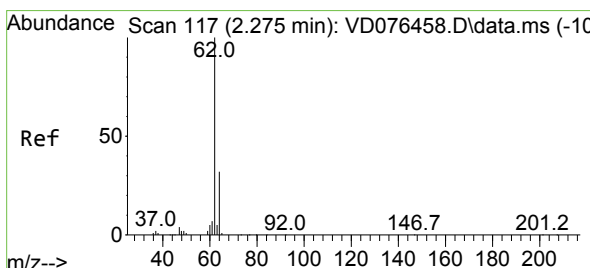
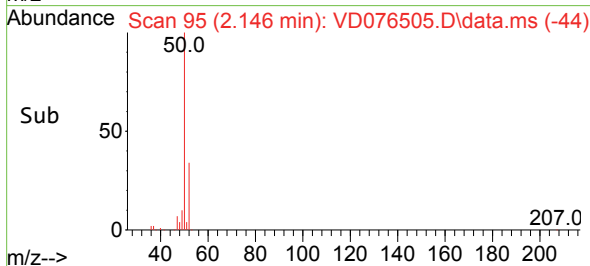
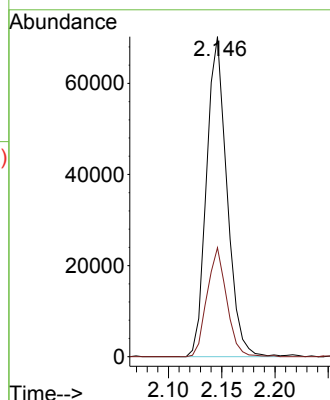
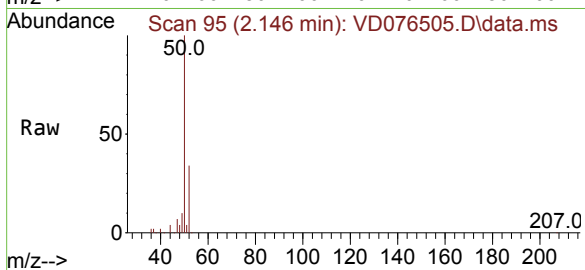
VSTDCCC050

Tgt Ion: 50 Resp: 93805

Ion Ratio Lower Upper

50 100

52 34.1 26.6 40.0



#4

Vinyl Chloride

Concen: 49.274 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.006 min

Lab File: VD076505.D

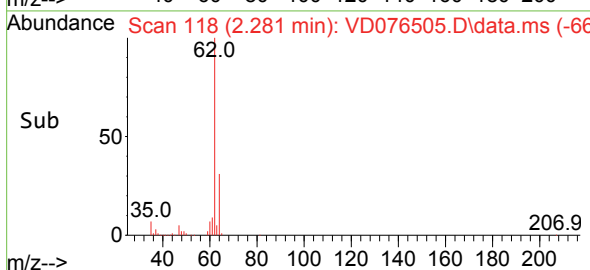
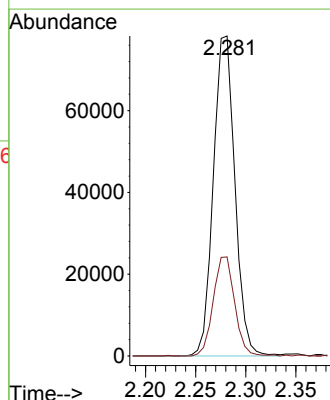
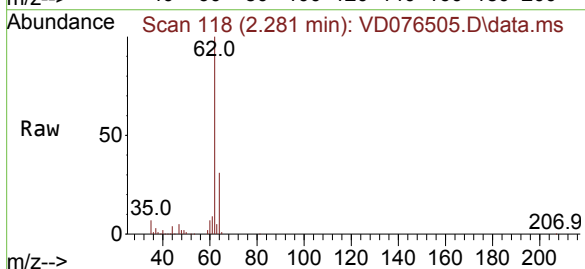
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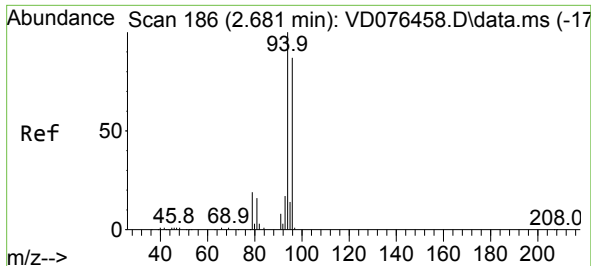
Tgt Ion: 62 Resp: 116952

Ion Ratio Lower Upper

62 100

64 30.9 26.0 39.0

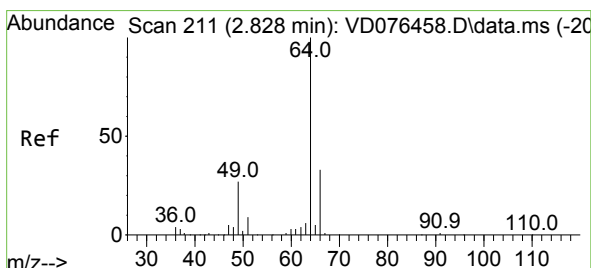
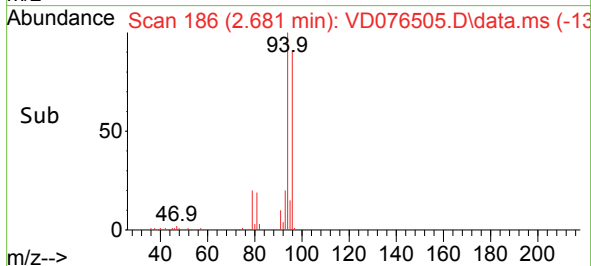
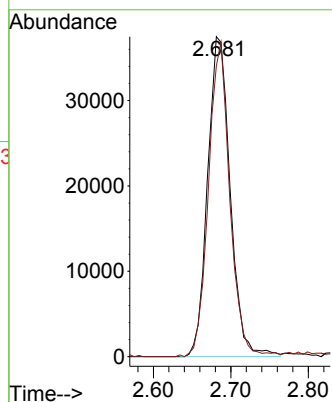
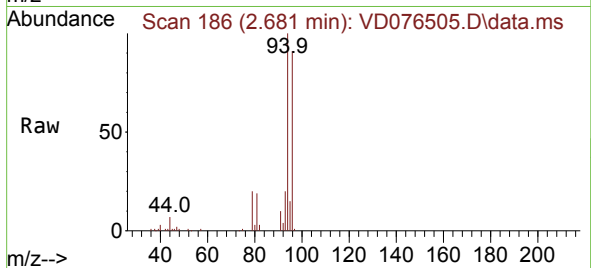




#5
Bromomethane
Concen: 49.256 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

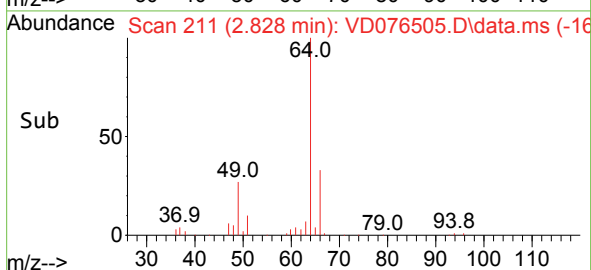
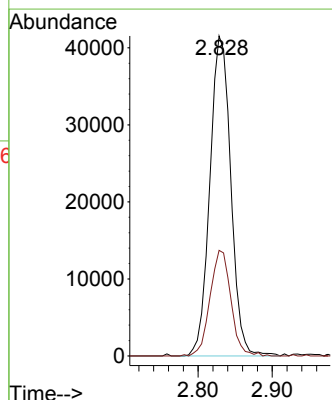
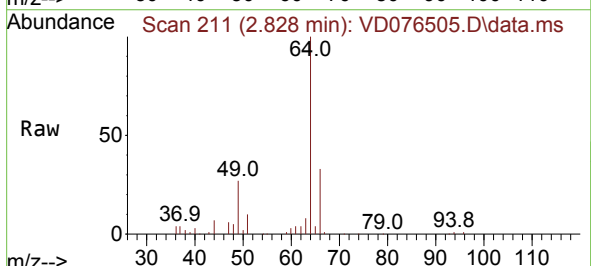
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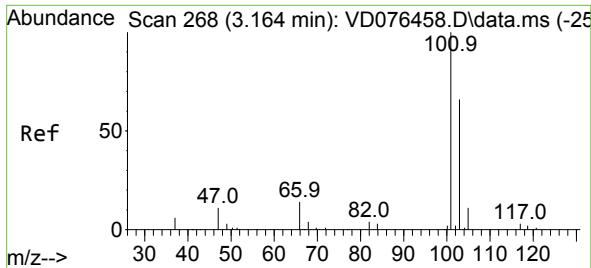
Tgt Ion: 94 Resp: 76015
Ion Ratio Lower Upper
94 100
96 93.0 75.8 113.8



#6
Chloroethane
Concen: 50.214 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion: 64 Resp: 81687
Ion Ratio Lower Upper
64 100
66 33.0 25.5 38.3

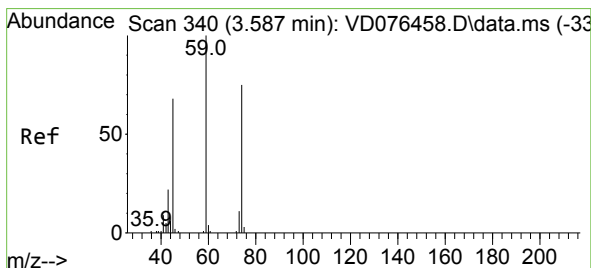
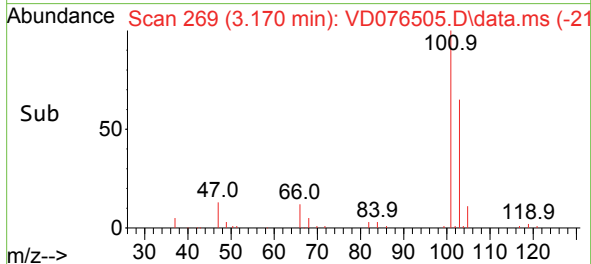
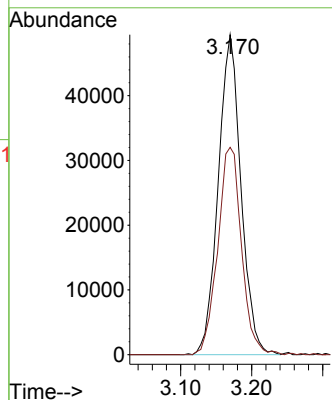
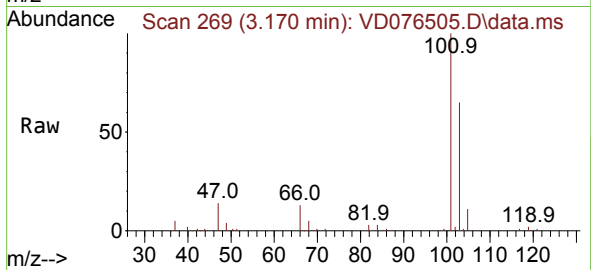




#7
Trichlorofluoromethane
Concen: 56.177 ug/l
RT: 3.170 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

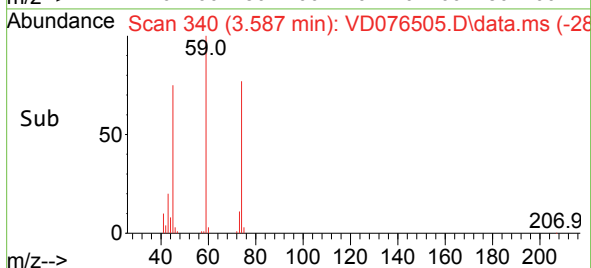
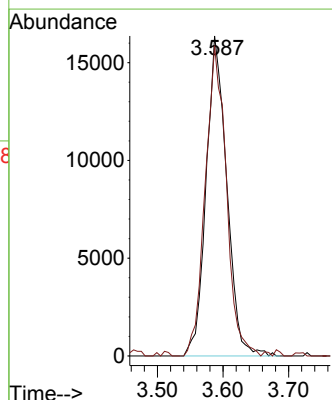
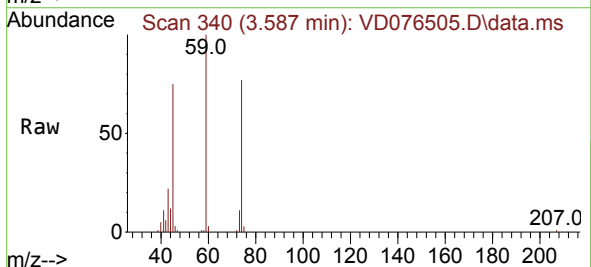
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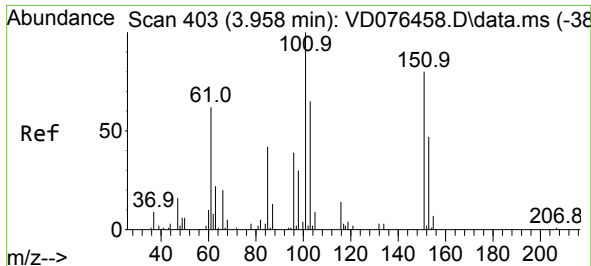
Tgt Ion:101 Resp: 109730
Ion Ratio Lower Upper
101 100
103 64.8 52.3 78.5



#8
Diethyl Ether
Concen: 48.784 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion: 74 Resp: 35862
Ion Ratio Lower Upper
74 100
45 98.9 37.5 112.7

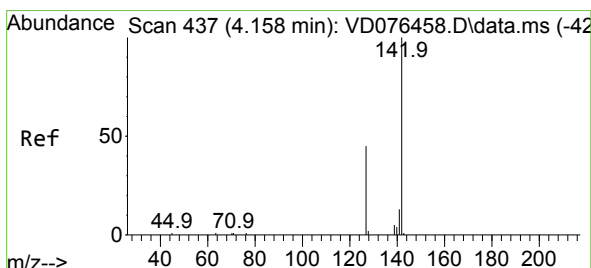
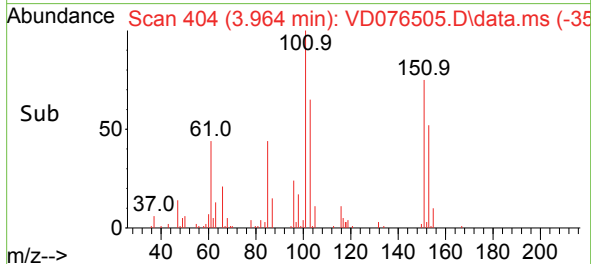
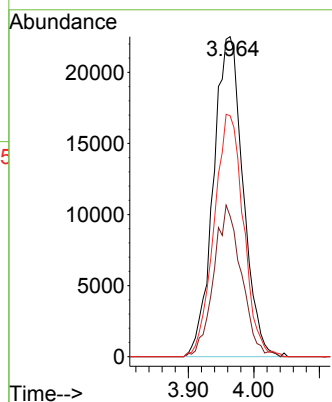
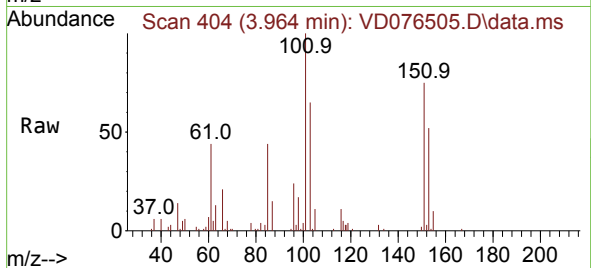




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.145 ug/l
RT: 3.964 min Scan# 403
Delta R.T. 0.006 min
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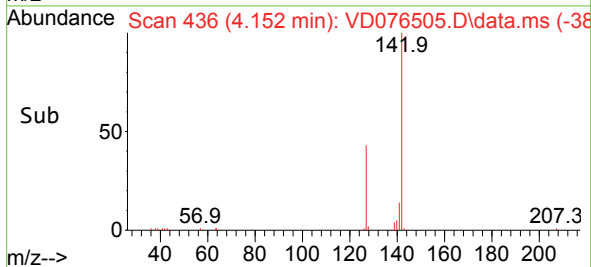
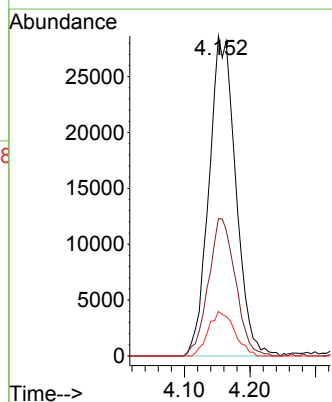
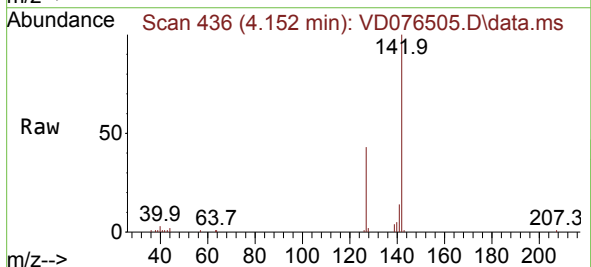
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

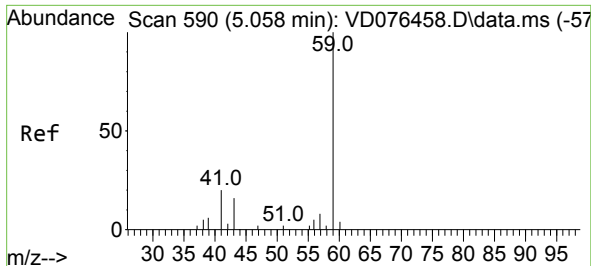
Tgt Ion:	101	Resp:	70627
Ion	Ratio	Lower	Upper
101	100		
85	44.3	33.8	50.6
151	75.3	59.8	89.6



#10
Methyl Iodide
Concen: 54.485 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion:	142	Resp:	81257
Ion	Ratio	Lower	Upper
142	100		
127	43.3	29.4	44.0
141	13.6	11.1	16.7

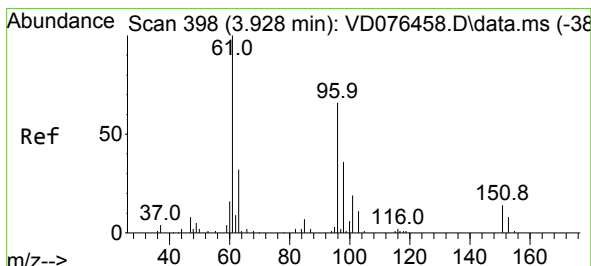
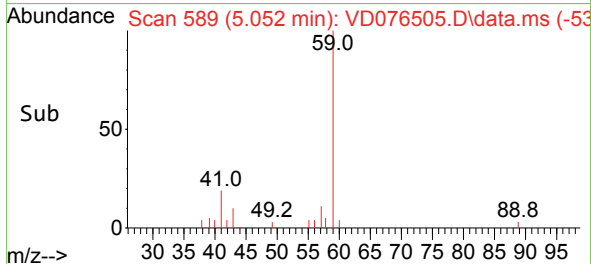
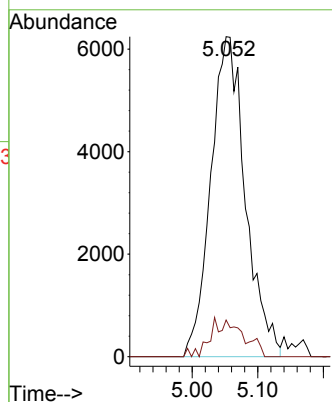
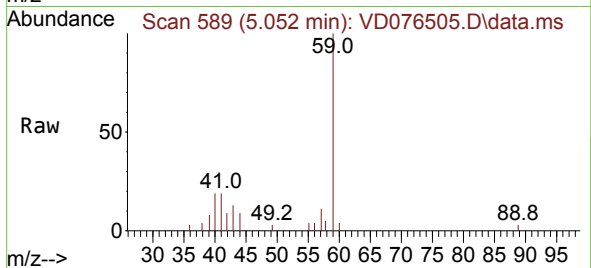




#11
Tert butyl alcohol
Concen: 196.437 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

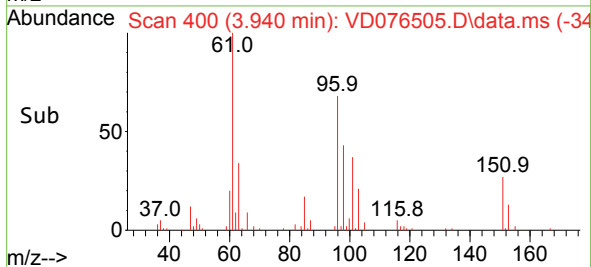
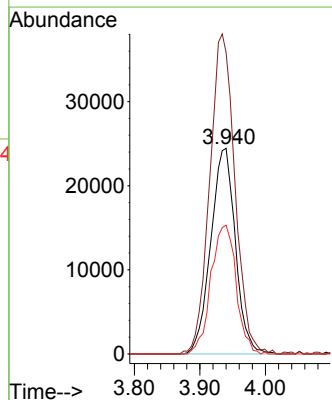
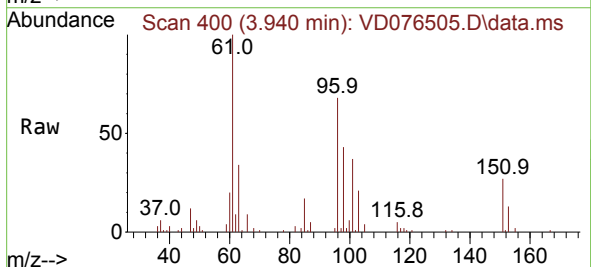
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

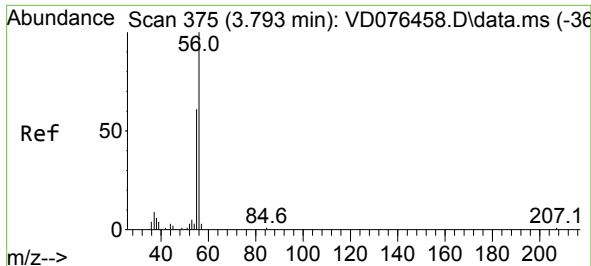
Tgt Ion: 59 Resp: 22879
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 51.700 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.012 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion: 96 Resp: 63695
Ion Ratio Lower Upper
96 100
61 146.6 100.6 150.8
98 62.6 50.2 75.2

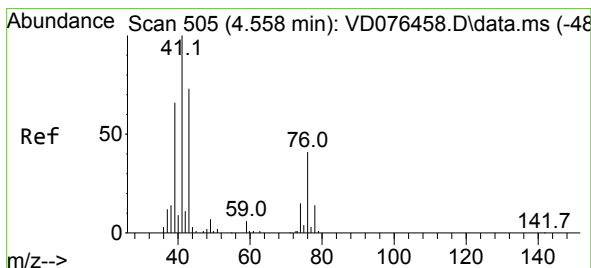
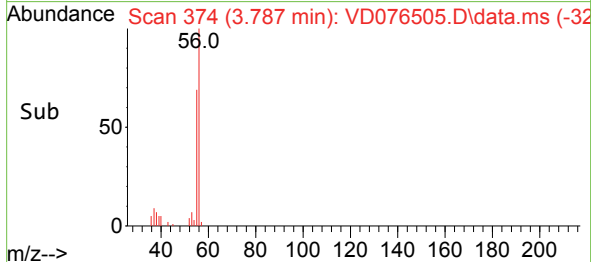
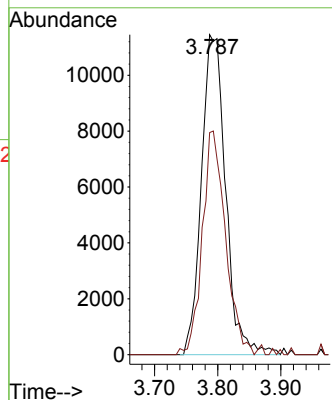
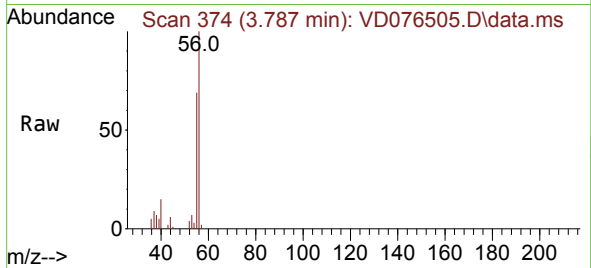




#13
Acrolein
Concen: 243.179 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

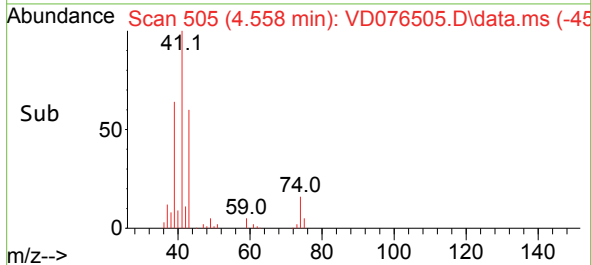
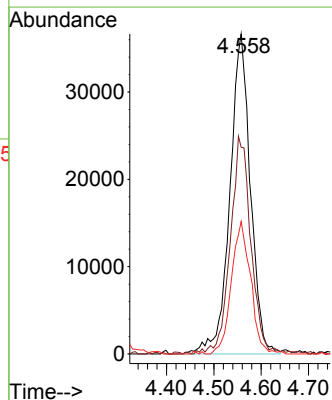
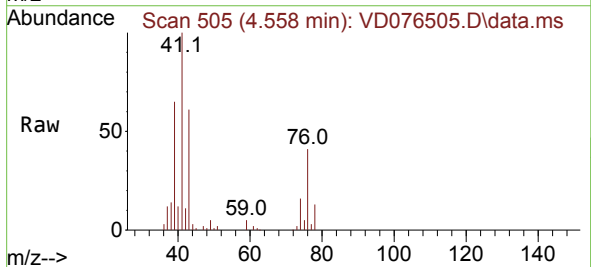
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

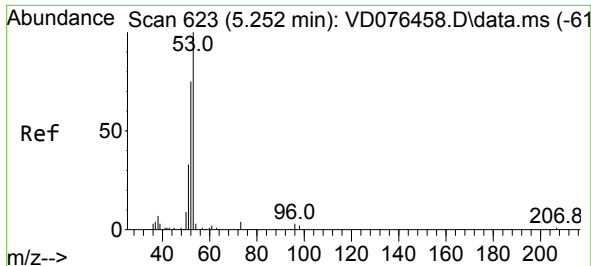
Tgt Ion: 56 Resp: 30507
Ion Ratio Lower Upper
56 100
55 67.0 55.1 82.7



#14
Allyl chloride
Concen: 49.113 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion: 41 Resp: 110656
Ion Ratio Lower Upper
41 100
39 68.0 53.8 80.6
76 38.7 45.8 68.8#

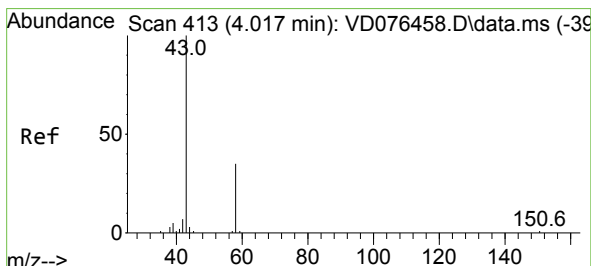
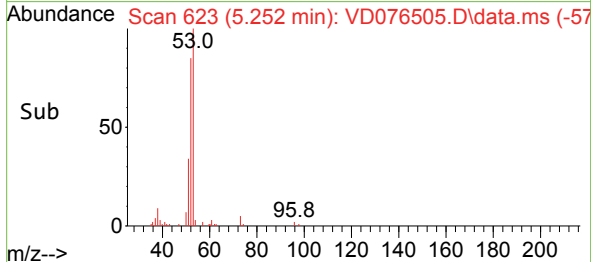
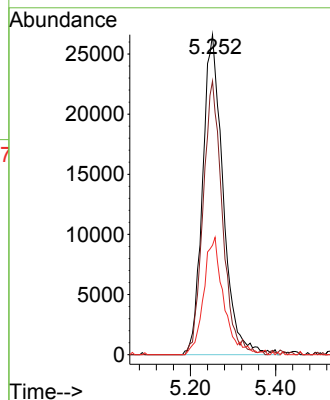
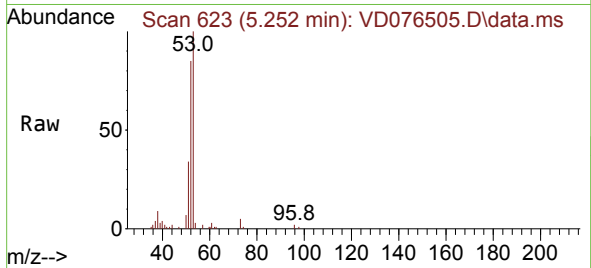




#15
Acrylonitrile
Concen: 235.321 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

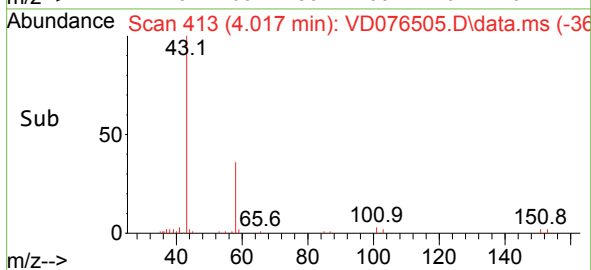
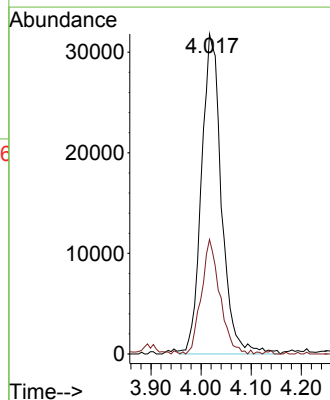
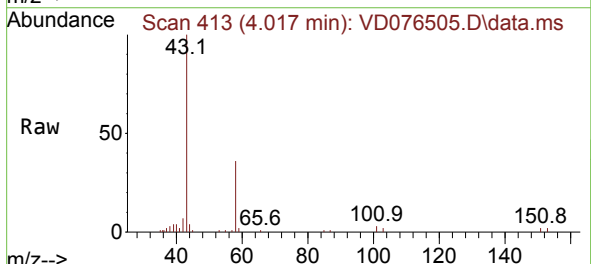
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

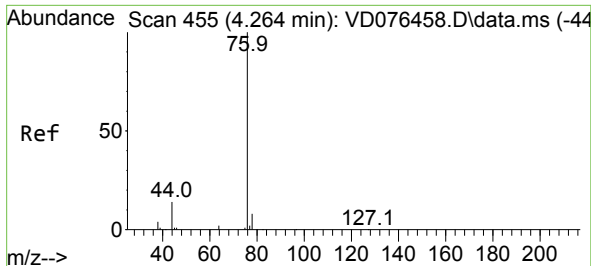
Tgt Ion:	53	Resp:	88953
Ion	Ratio	Lower	Upper
53	100		
52	80.3	65.0	97.4
51	35.7	28.3	42.5



#16
Acetone
Concen: 275.615 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion:	43	Resp:	88473
Ion	Ratio	Lower	Upper
43	100		
58	35.8	34.7	52.1

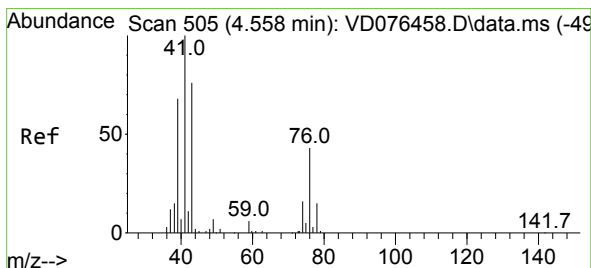
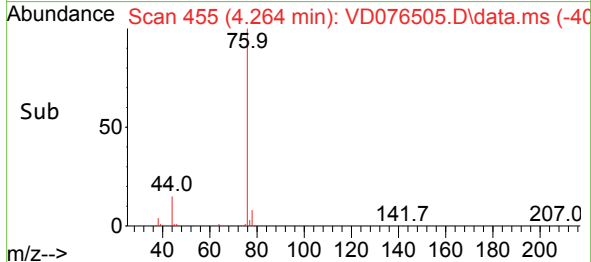
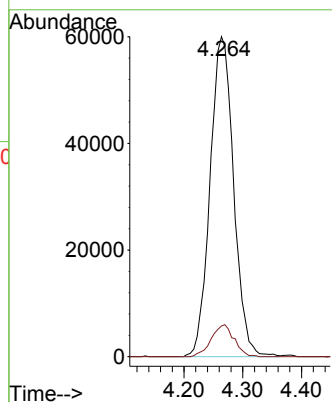
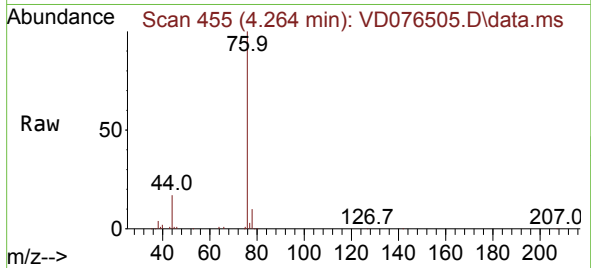




#17
Carbon Disulfide
Concen: 49.653 ug/l
RT: 4.264 min Scan# 411
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

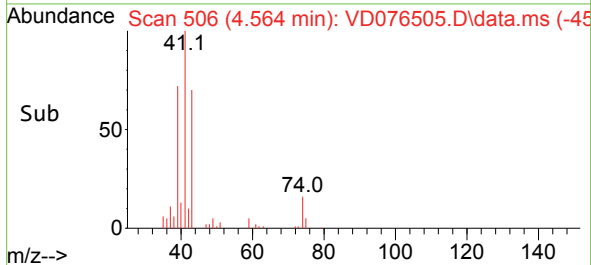
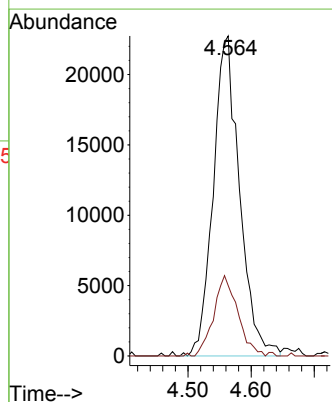
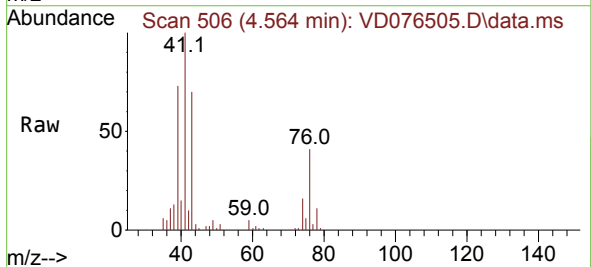
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

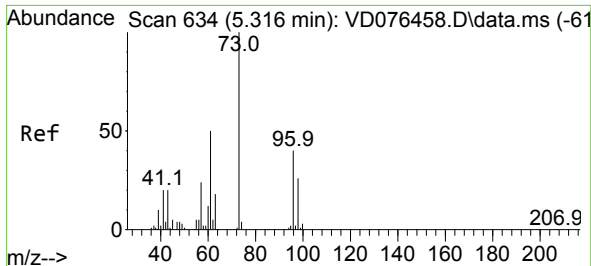
Tgt Ion: 76 Resp: 167140
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 44.477 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion: 43 Resp: 65796
Ion Ratio Lower Upper
43 100
74 22.9 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 48.946 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Instrument :

MSVOA_D

ClientSampleId :

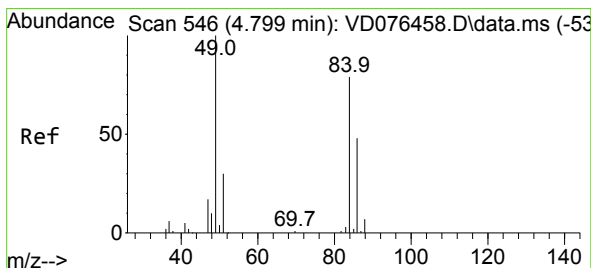
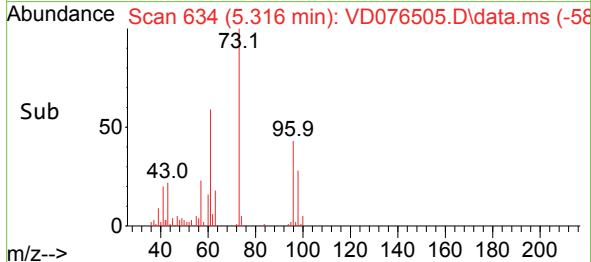
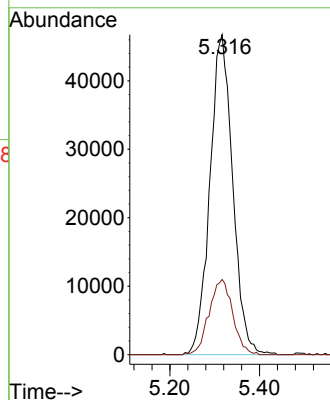
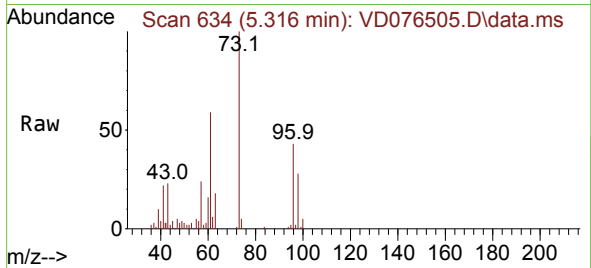
VSTDCCC050

Tgt Ion: 73 Resp: 164945

Ion Ratio Lower Upper

73 100

57 23.5 16.6 25.0



#20

Methylene Chloride

Concen: 50.068 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Tgt Ion: 84 Resp: 90067

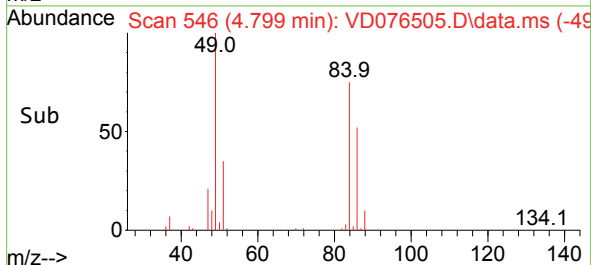
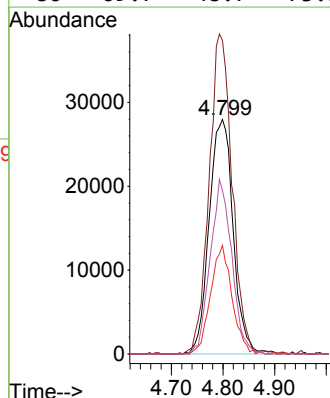
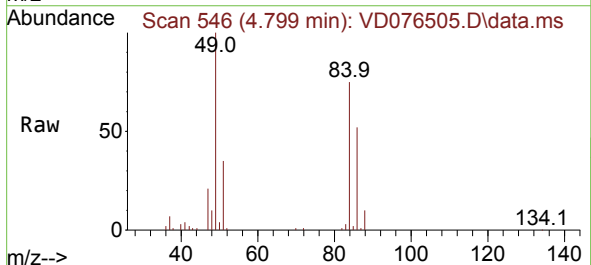
Ion Ratio Lower Upper

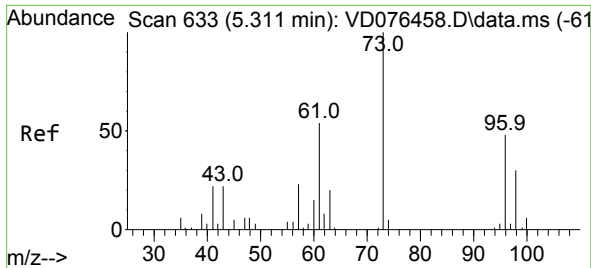
84 100

49 133.2 71.4 107.2#

51 46.4 24.5 36.7#

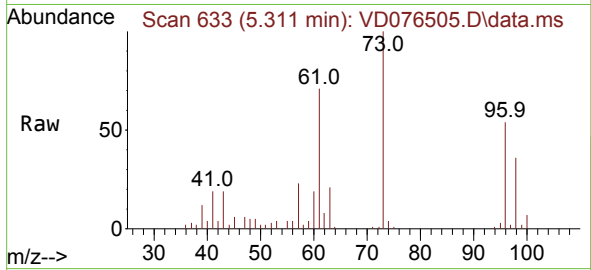
86 69.7 48.7 73.1



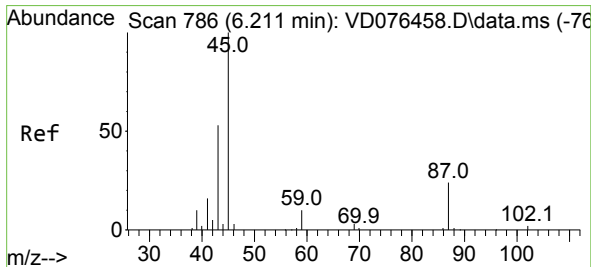
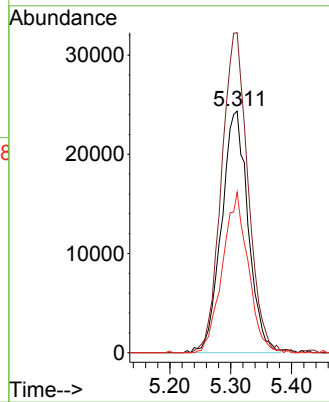
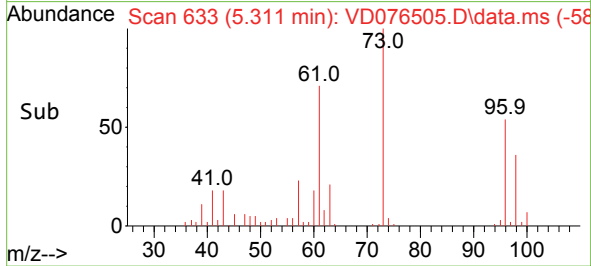


#21
trans-1,2-Dichloroethene
Concen: 51.900 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

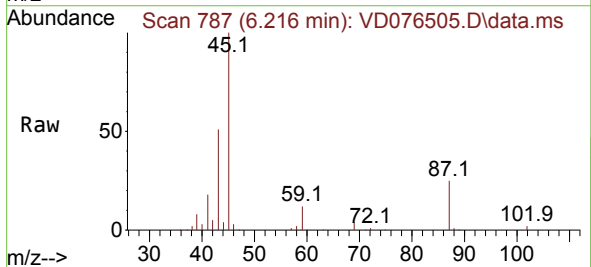
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



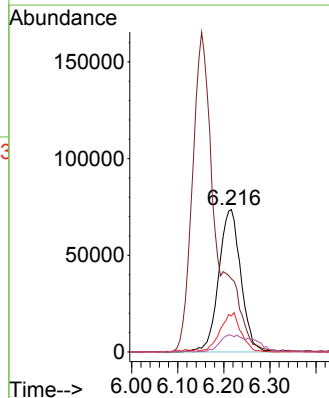
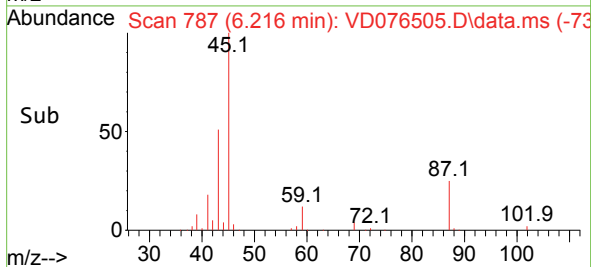
Tgt Ion: 96 Resp: 73903
Ion Ratio Lower Upper
96 100
61 132.4 89.3 133.9
98 66.5 48.6 73.0

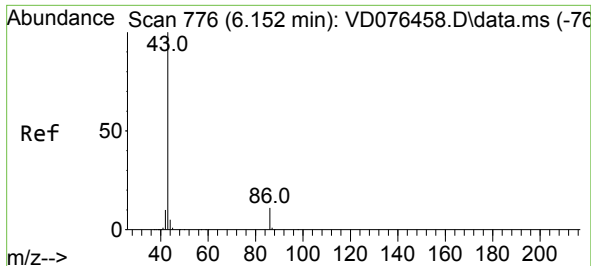


#22
Diisopropyl ether
Concen: 50.347 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54



Tgt Ion: 45 Resp: 245283
Ion Ratio Lower Upper
45 100
43 50.3 40.0 60.0
87 25.3 28.2 42.4#
59 11.4 11.0 16.4

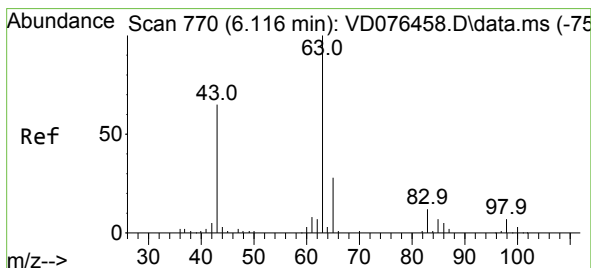
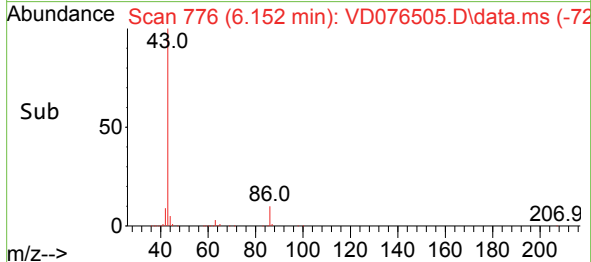
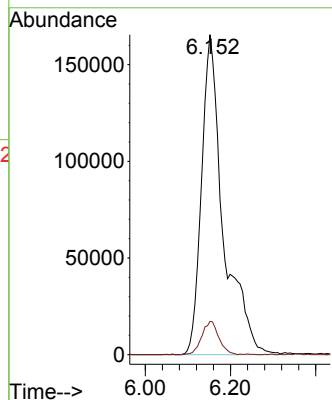
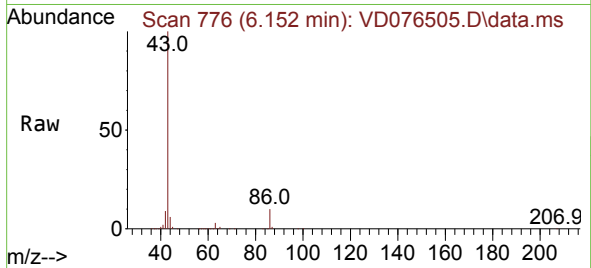




#23
 Vinyl Acetate
 Concen: 243.879 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076505.D
 Acq: 21 Jun 2023 10:54

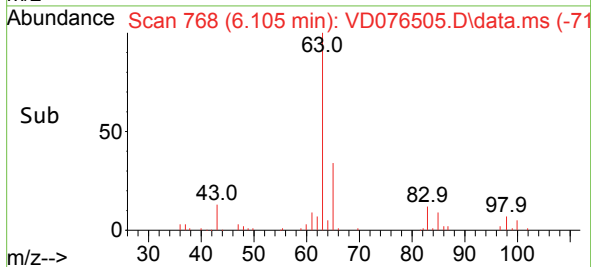
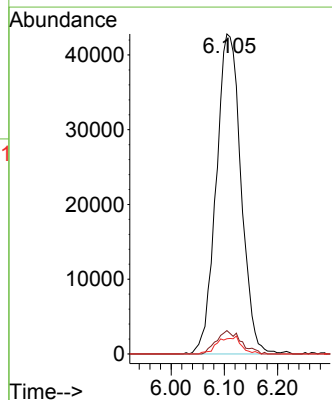
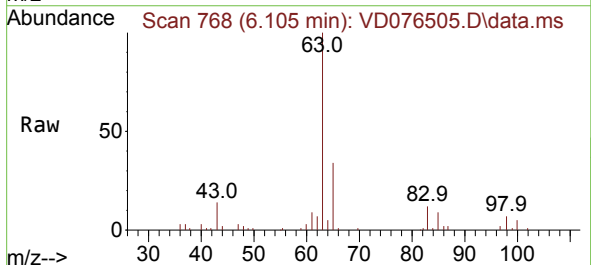
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

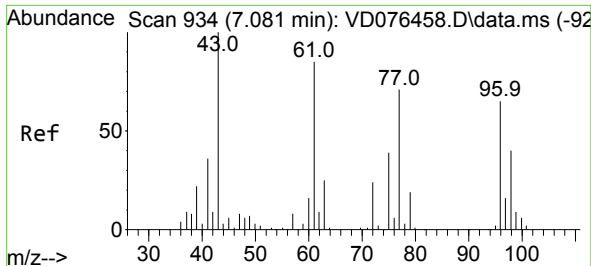
Tgt Ion: 43 Resp: 588934
 Ion Ratio Lower Upper
 43 100
 86 10.4 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 50.888 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: VD076505.D
 Acq: 21 Jun 2023 10:54

Tgt Ion: 63 Resp: 138441
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 4.7 2.5 7.5





#25

2-Butanone

Concen: 243.302 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Instrument :

MSVOA_D

ClientSampleId :

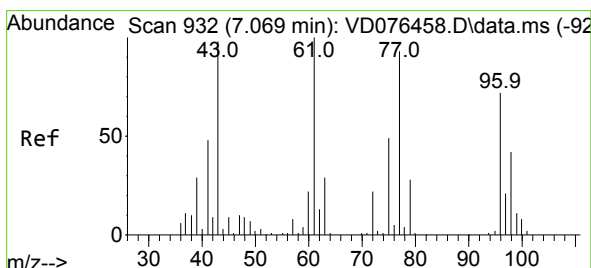
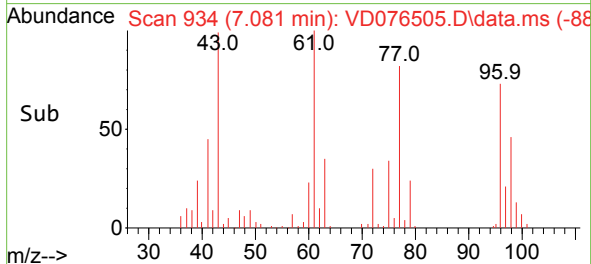
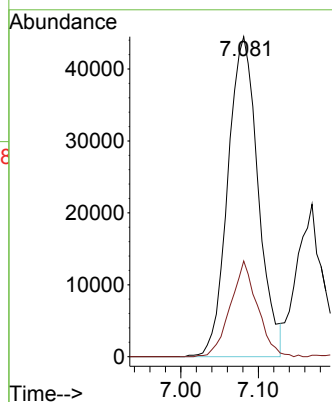
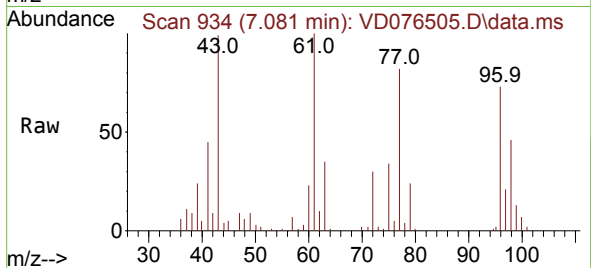
VSTDCCC050

Tgt Ion: 43 Resp: 120798

Ion Ratio Lower Upper

43 100

72 29.9 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 51.309 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.006 min

Lab File: VD076505.D

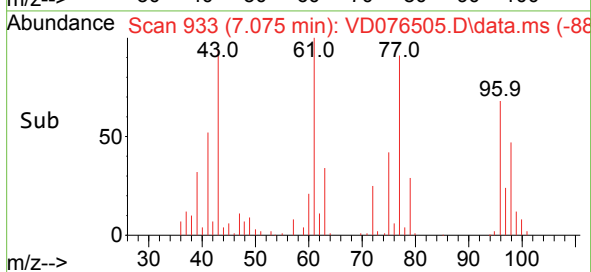
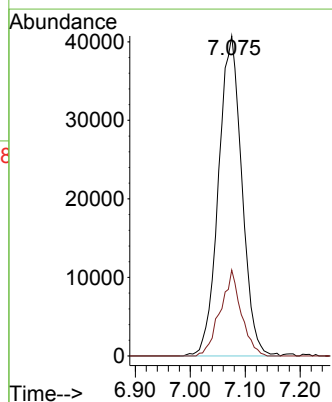
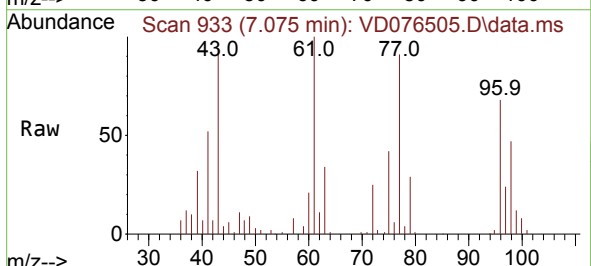
Acq: 21 Jun 2023 10:54

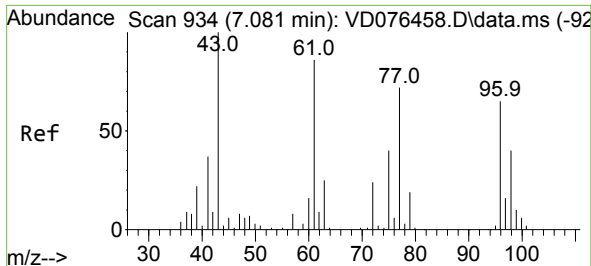
Tgt Ion: 77 Resp: 120347

Ion Ratio Lower Upper

77 100

97 24.1 13.2 39.6

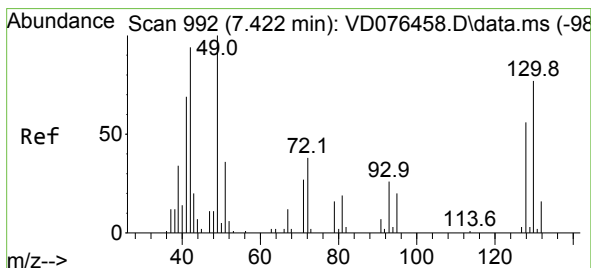
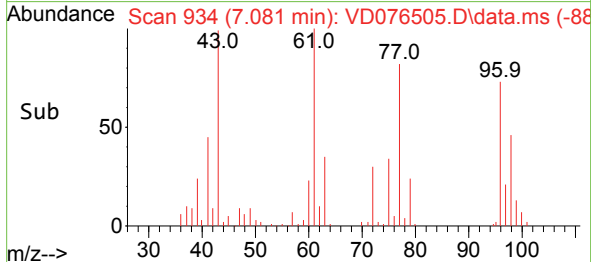
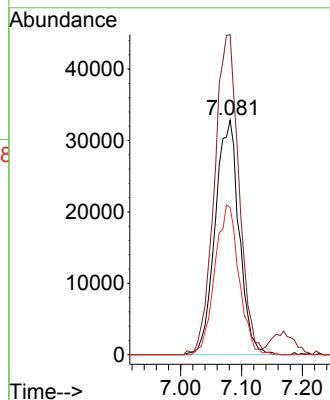
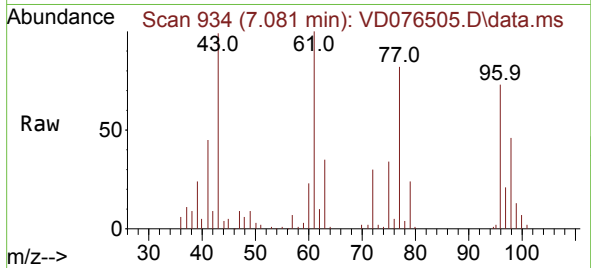




#27
 cis-1,2-Dichloroethene
 Concen: 51.980 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD076505.D
 Acq: 21 Jun 2023 10:54

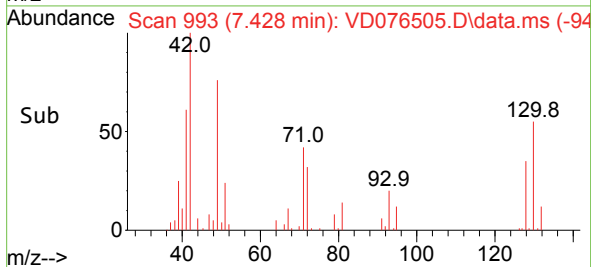
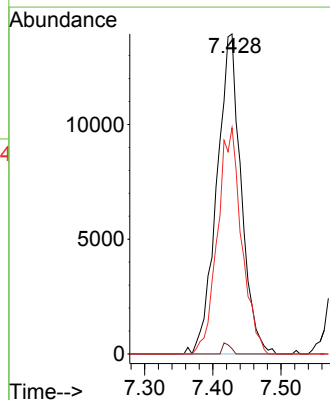
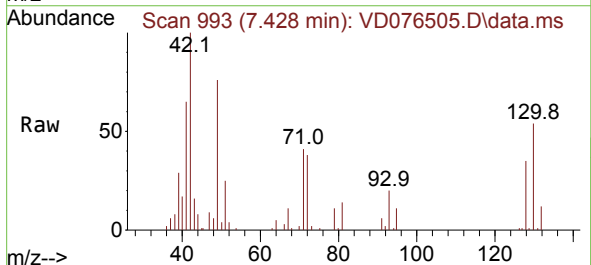
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

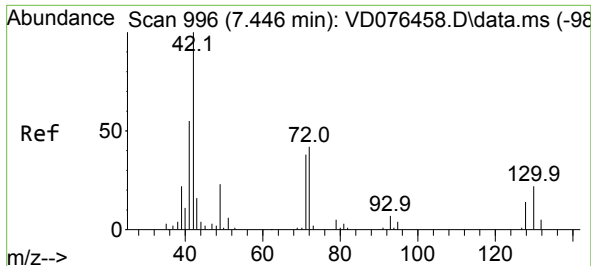
Tgt Ion: 96 Resp: 89579
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 239.2
 98 64.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 43.818 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD076505.D
 Acq: 21 Jun 2023 10:54

Tgt Ion: 49 Resp: 34541
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 6.0
 130 70.2 83.2 124.8#

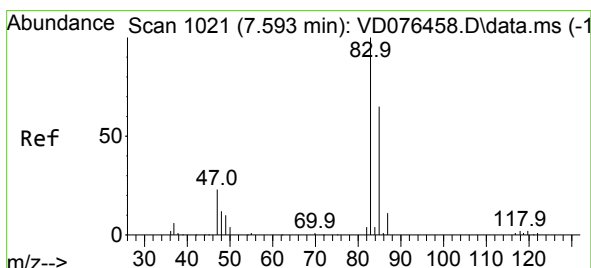
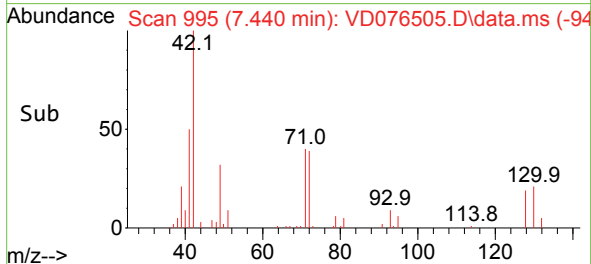
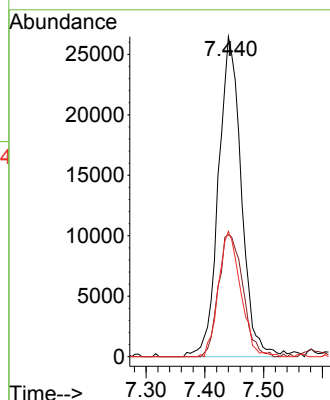
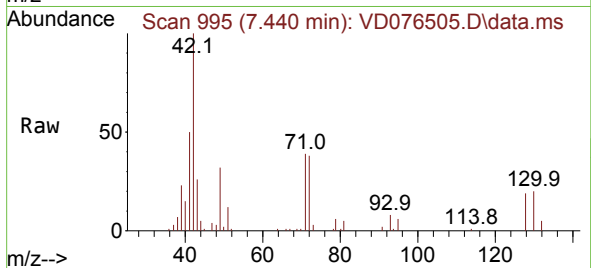




#29
Tetrahydrofuran
Concen: 224.219 ug/l
RT: 7.440 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

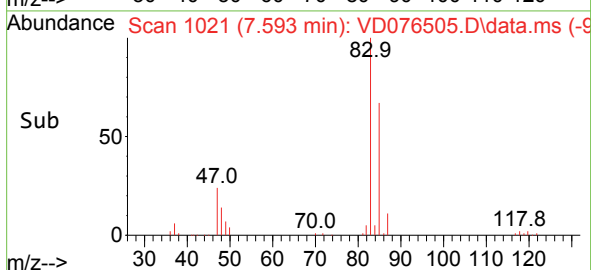
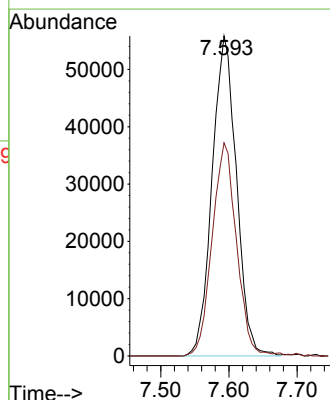
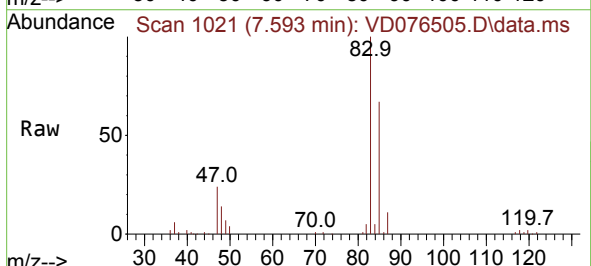
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

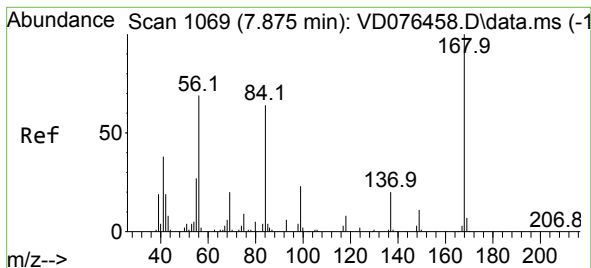
Tgt Ion: 42 Resp: 71542
Ion Ratio Lower Upper
42 100
72 40.8 46.5 69.7#
71 38.1 44.5 66.7#



#30
Chloroform
Concen: 51.474 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion: 83 Resp: 138658
Ion Ratio Lower Upper
83 100
85 66.6 53.4 80.2





#31

Cyclohexane

Concen: 56.738 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

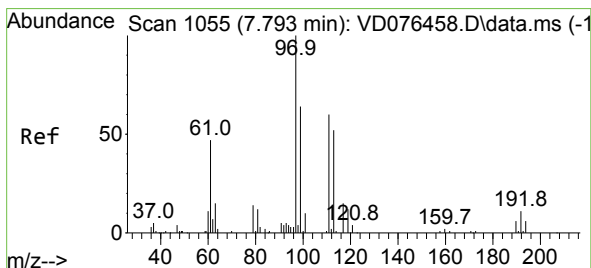
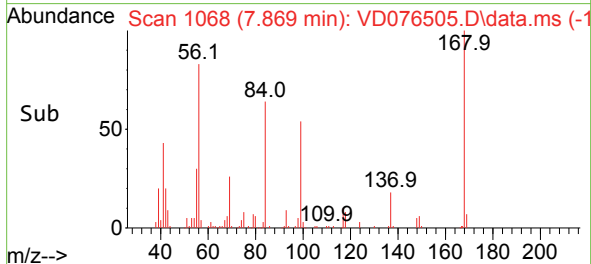
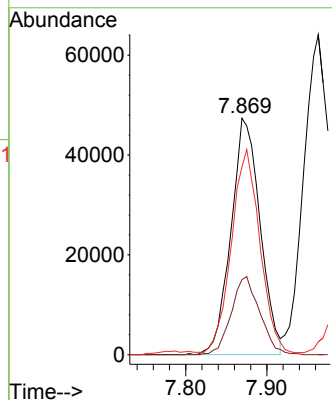
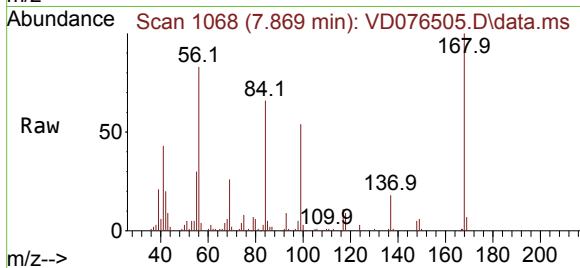
Tgt Ion: 56 Resp: 118141

Ion Ratio Lower Upper

56 100

69 31.7 28.6 43.0

84 78.4 84.8 127.2#



#32

1,1,1-Trichloroethane

Concen: 54.841 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

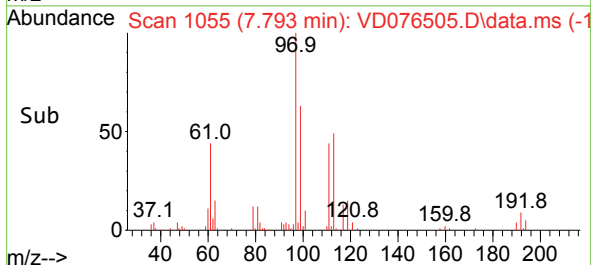
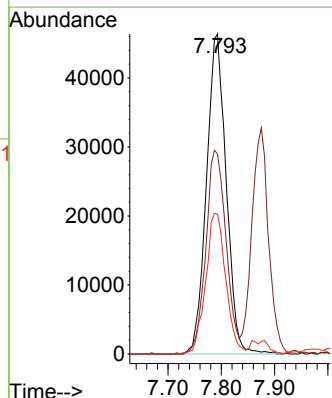
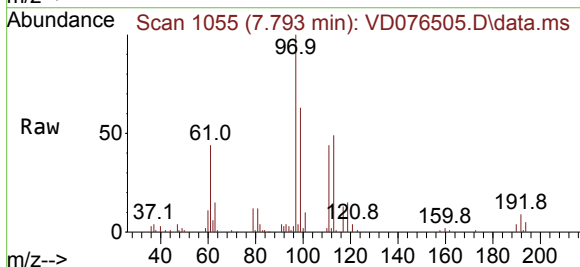
Tgt Ion: 97 Resp: 119417

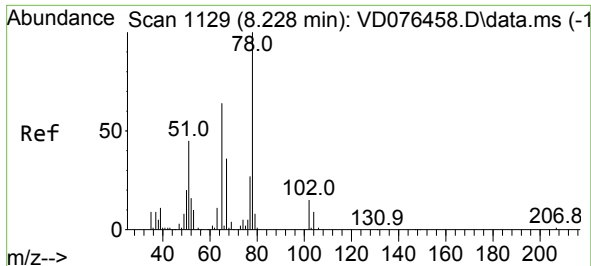
Ion Ratio Lower Upper

97 100

99 65.1 52.0 78.0

61 44.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 44.423 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Instrument :

MSVOA_D

ClientSampleId :

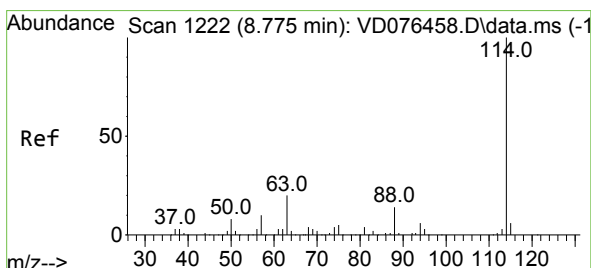
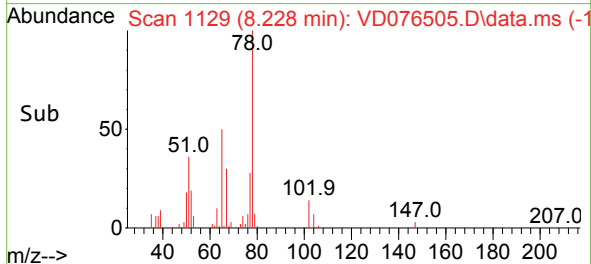
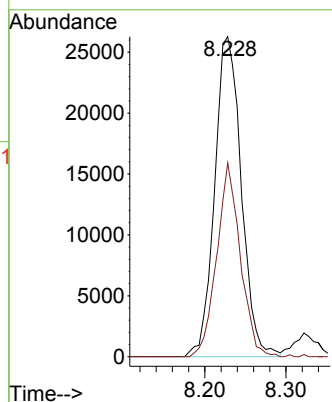
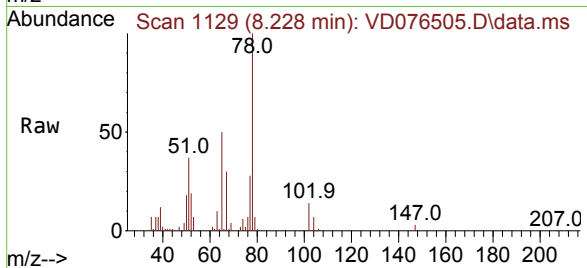
VSTDCCC050

Tgt Ion: 65 Resp: 59925

Ion Ratio Lower Upper

65 100

67 53.5 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: VD076505.D

Acq: 21 Jun 2023 10:54

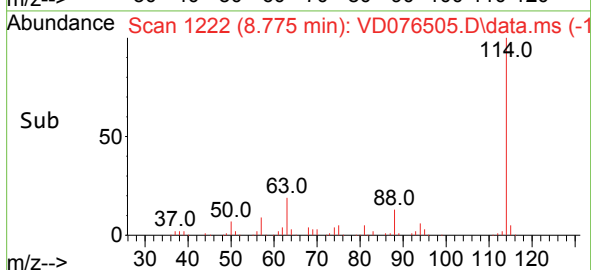
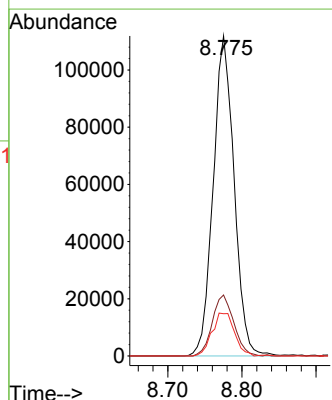
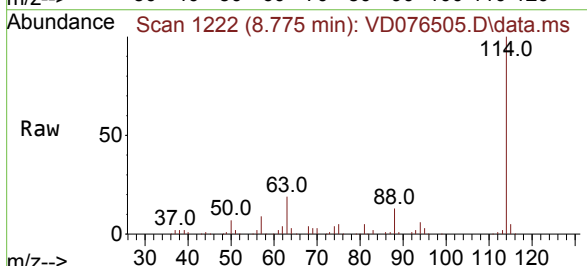
Tgt Ion: 114 Resp: 219099

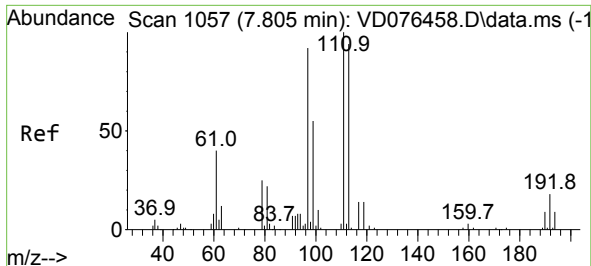
Ion Ratio Lower Upper

114 100

63 19.1 0.0 33.4

88 13.2 0.0 26.2

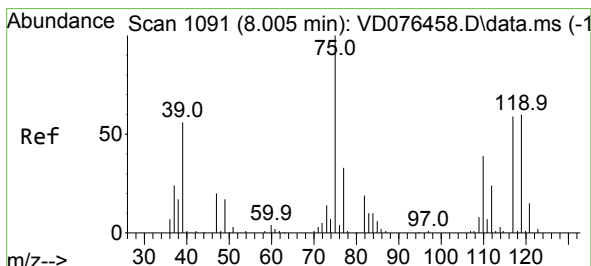
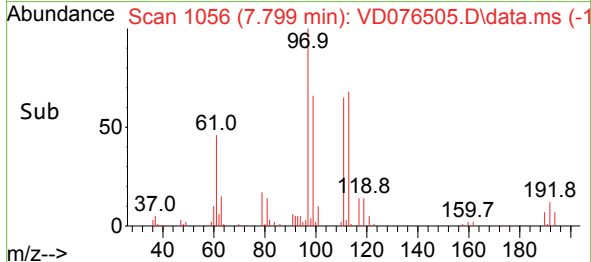
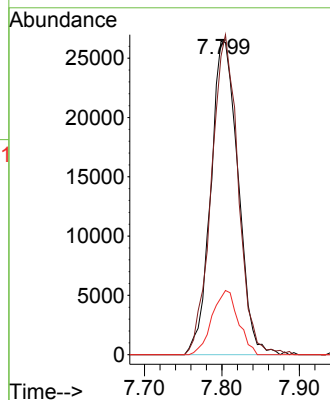
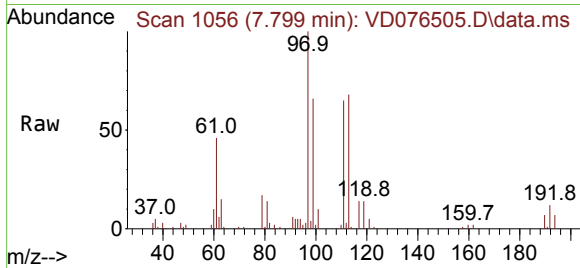




#35
Dibromofluoromethane
Concen: 49.780 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

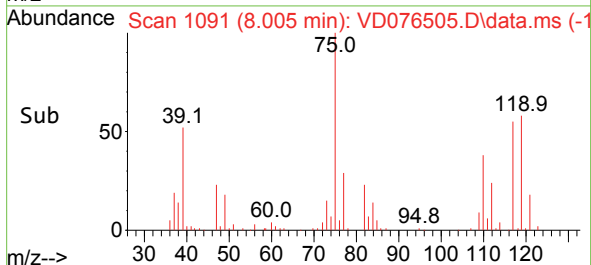
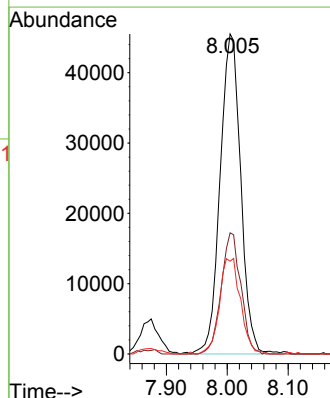
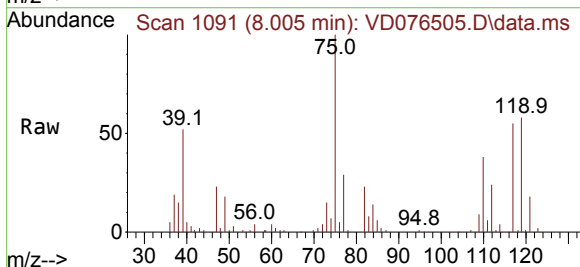
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

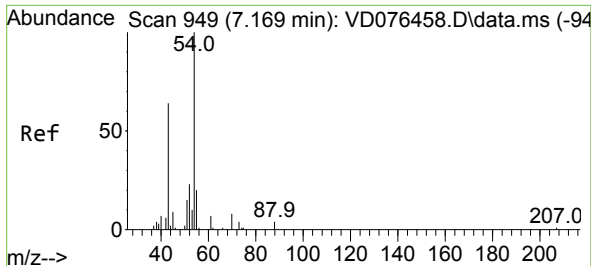
Tgt Ion:113 Resp: 64794
Ion Ratio Lower Upper
113 100
111 99.9 84.7 127.1
192 19.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 58.818 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion: 75 Resp: 107210
Ion Ratio Lower Upper
75 100
110 36.1 19.9 59.6
77 30.3 24.7 37.1

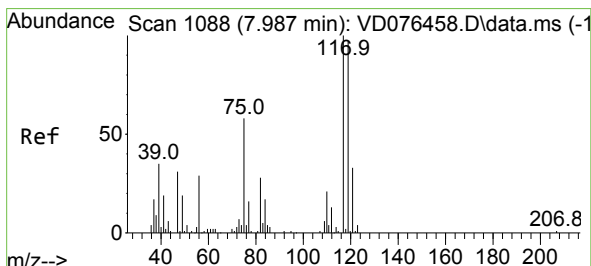
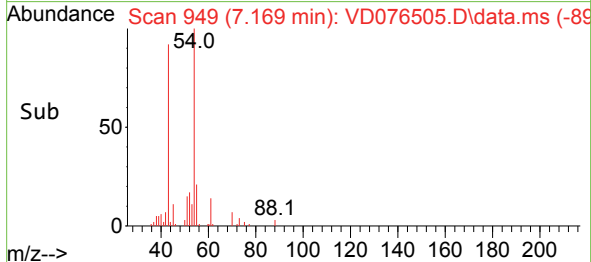
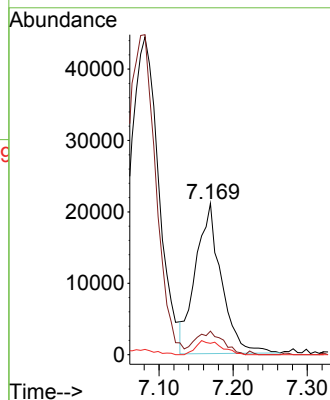
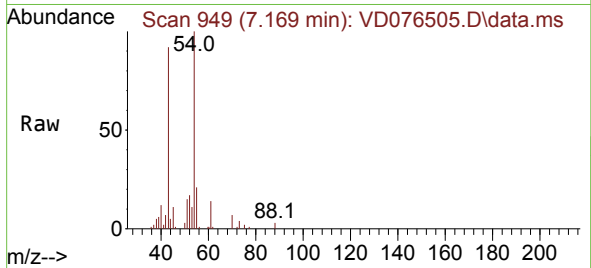




#37
Ethyl Acetate
Concen: 48.043 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

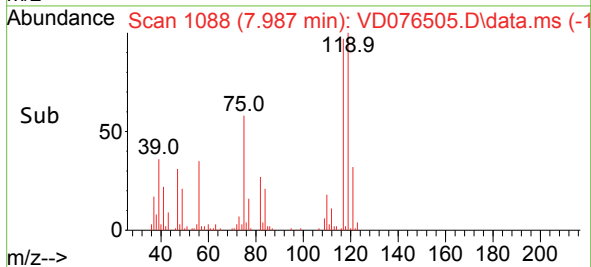
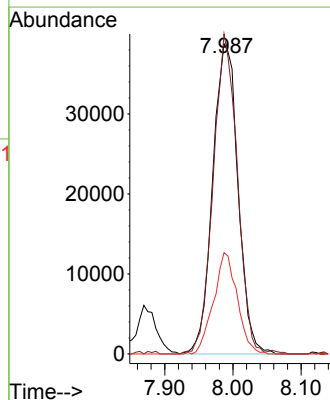
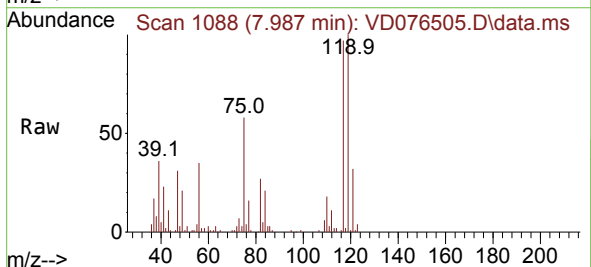
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

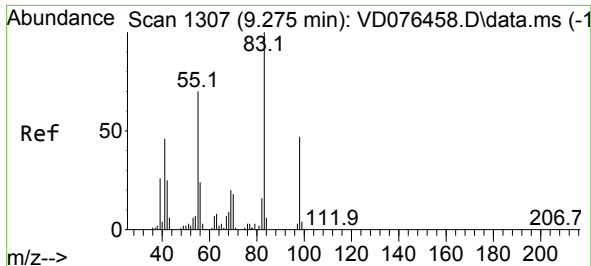
Tgt Ion: 43 Resp: 50743
Ion Ratio Lower Upper
43 100
61 16.7 14.9 22.3
70 9.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 61.547 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion: 117 Resp: 100269
Ion Ratio Lower Upper
117 100
119 103.1 78.0 117.0
121 32.6 24.2 36.2

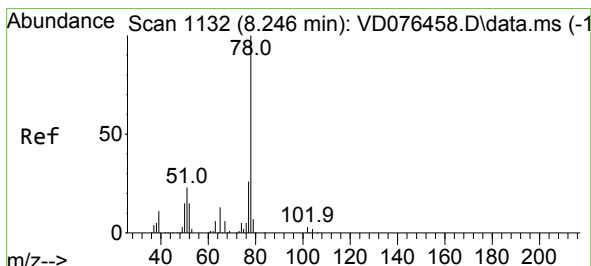
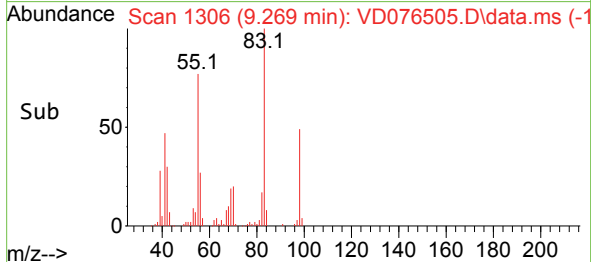
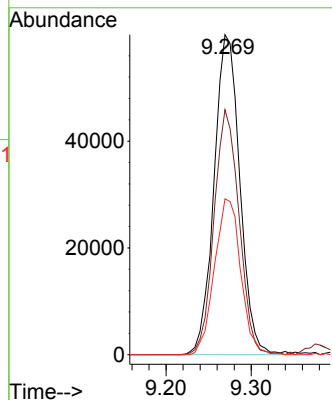
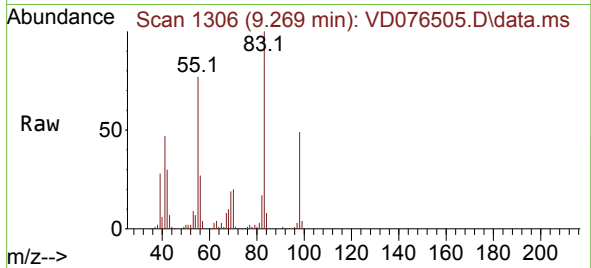




#39
Methylcyclohexane
Concen: 58.845 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

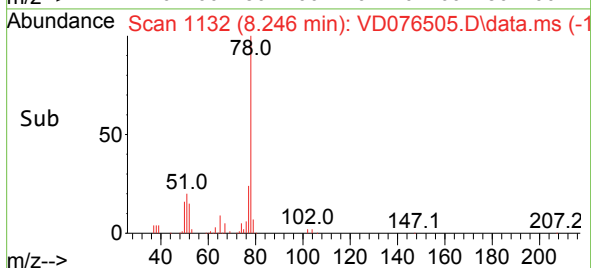
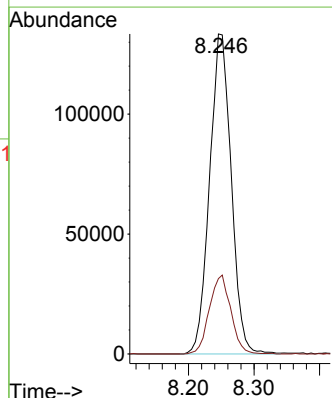
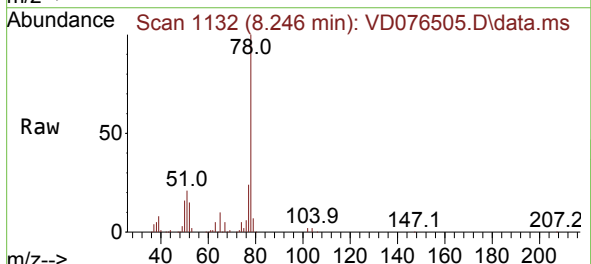
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

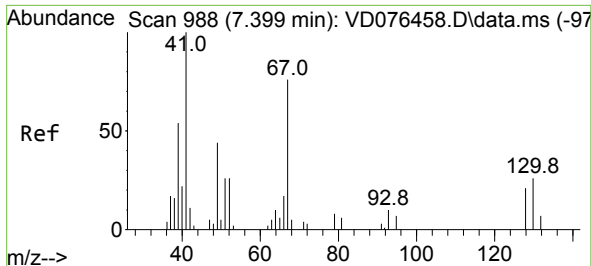
Tgt Ion: 83 Resp: 125870
Ion Ratio Lower Upper
83 100
55 76.6 49.4 74.0#
98 48.7 38.4 57.6



#40
Benzene
Concen: 55.001 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion: 78 Resp: 305720
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0

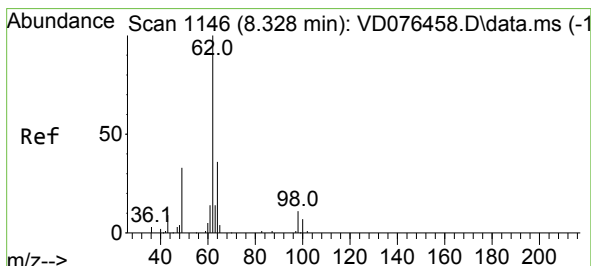
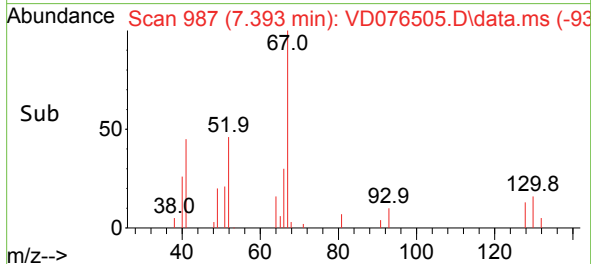
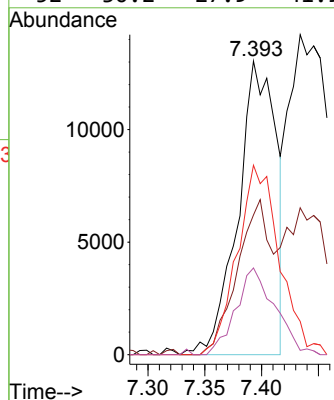
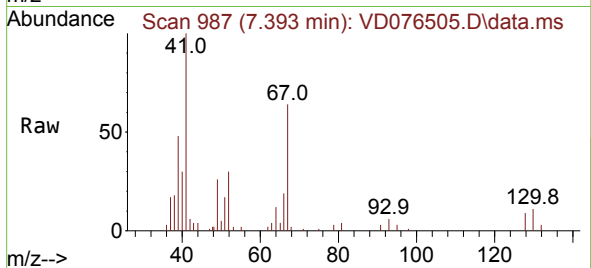




#41
Methacrylonitrile
Concen: 51.075 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

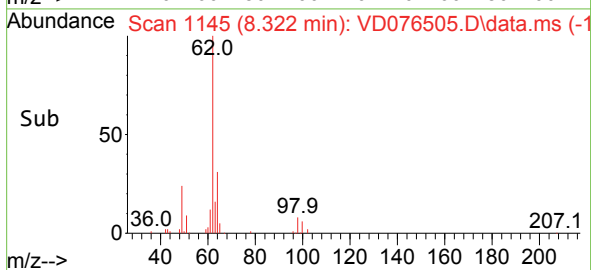
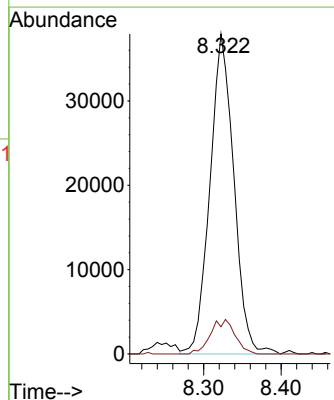
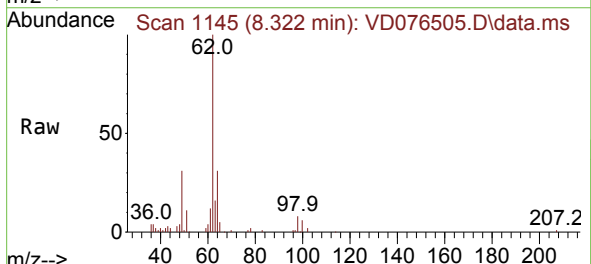
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

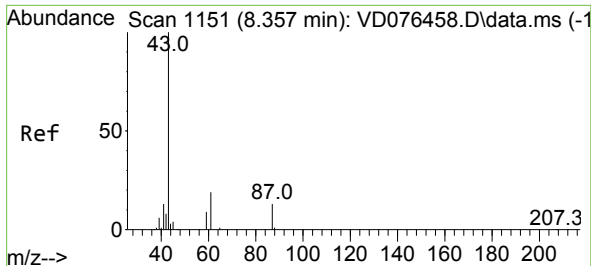
Tgt Ion: 41	Resp: 30462
Ion Ratio	Lower Upper
41 100	
39 46.0	34.0 51.0
67 71.6	77.0 115.4#
52 30.2	27.9 41.9



#42
1,2-Dichloroethane
Concen: 54.102 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion: 62	Resp: 81257
Ion Ratio	Lower Upper
62 100	
98 11.1	0.0 25.4

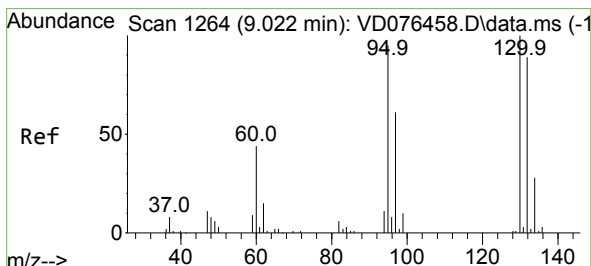
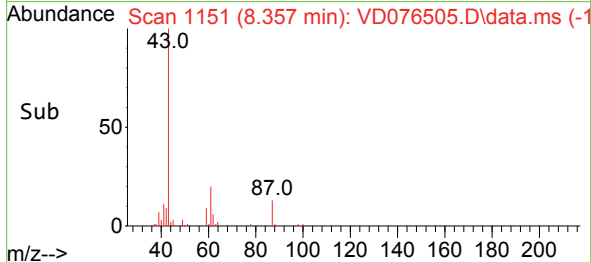
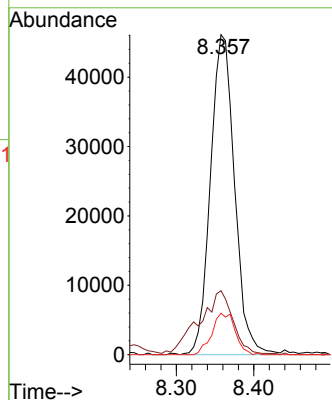
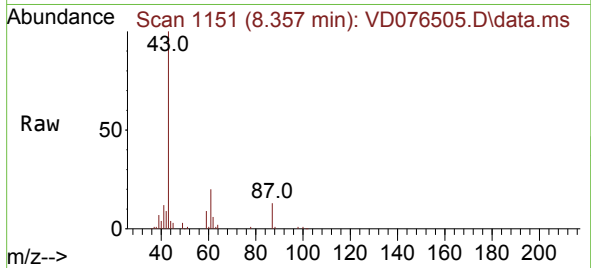




#43
Isopropyl Acetate
Concen: 49.844 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

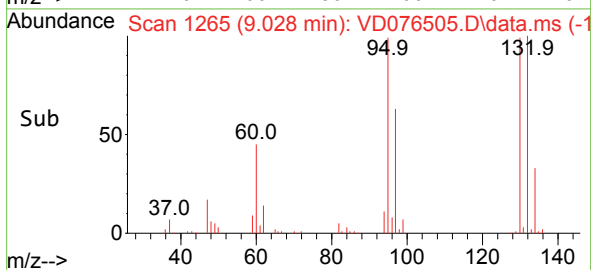
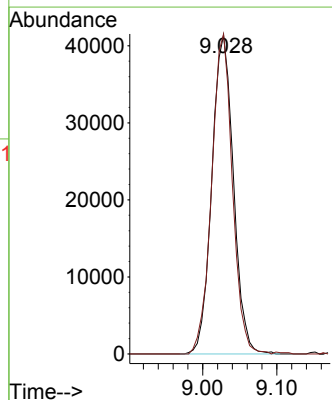
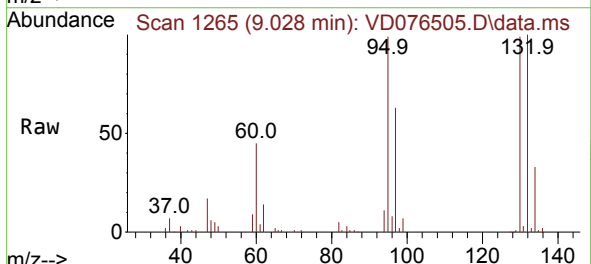
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

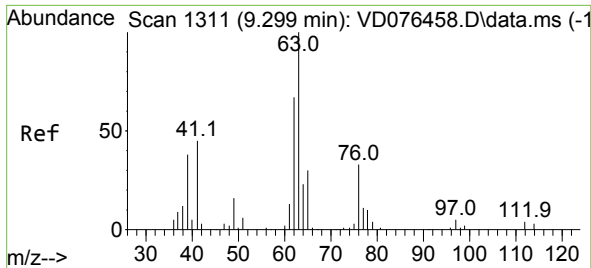
Tgt Ion: 43 Resp: 99668
Ion Ratio Lower Upper
43 100
61 28.3 31.4 47.0#
87 12.6 14.9 22.3#



#44
Trichloroethene
Concen: 55.849 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion:130 Resp: 83742
Ion Ratio Lower Upper
130 100
95 100.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 55.200 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Instrument :

MSVOA_D

ClientSampleId :

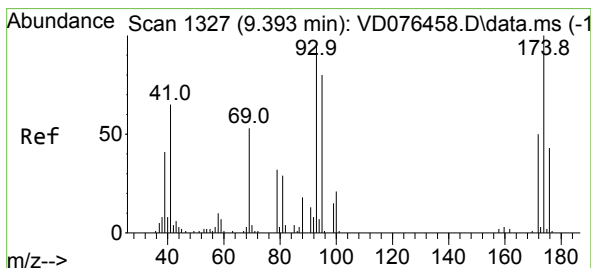
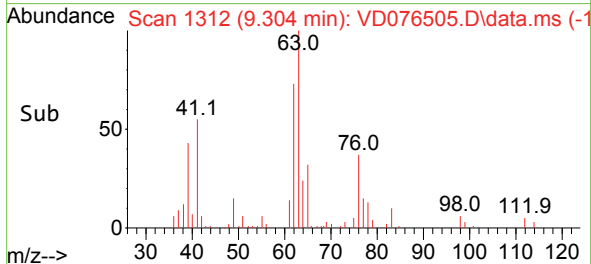
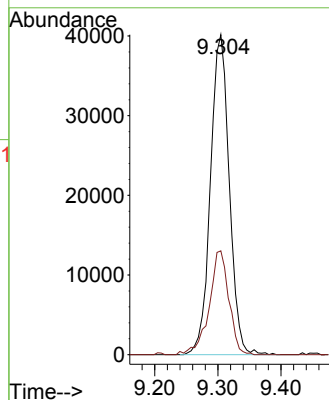
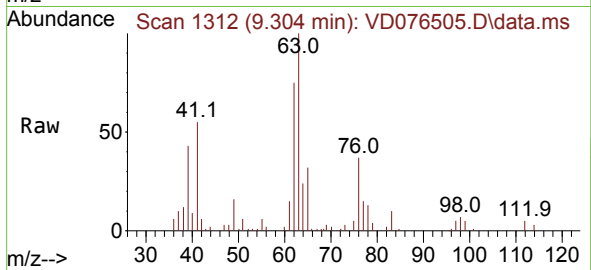
VSTDCCC050

Tgt Ion: 63 Resp: 83191

Ion Ratio Lower Upper

63 100

65 32.4 24.5 36.7



#46

Dibromomethane

Concen: 55.117 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

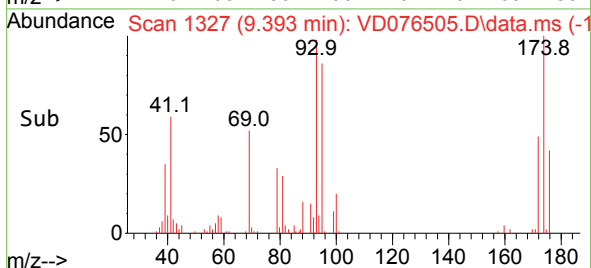
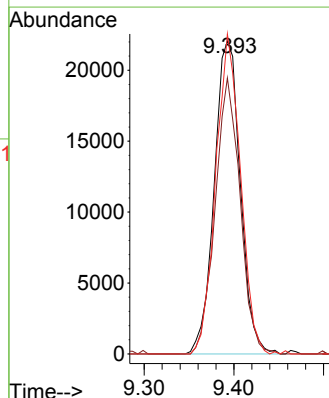
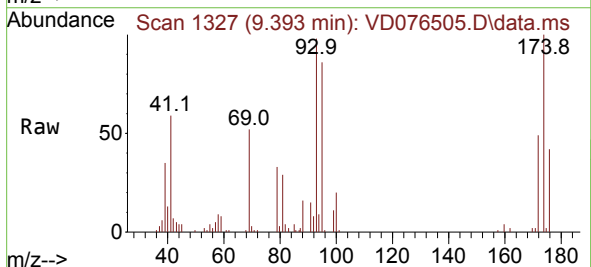
Tgt Ion: 93 Resp: 44498

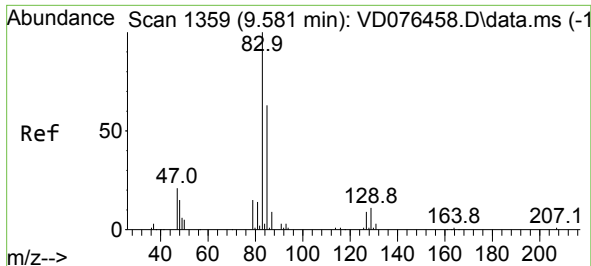
Ion Ratio Lower Upper

93 100

95 84.4 67.7 101.5

174 96.9 85.4 128.2

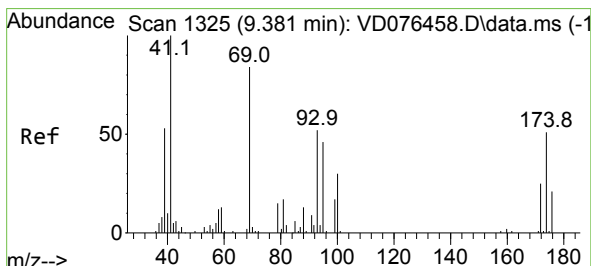
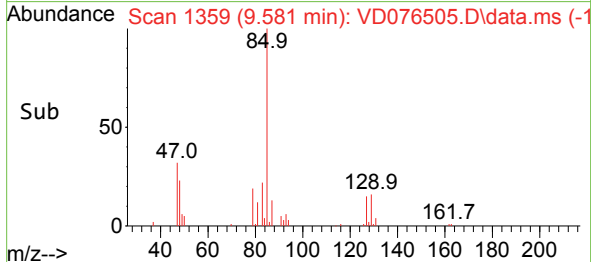
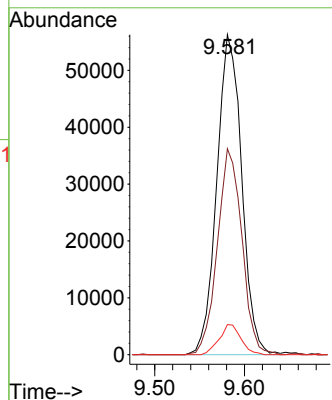
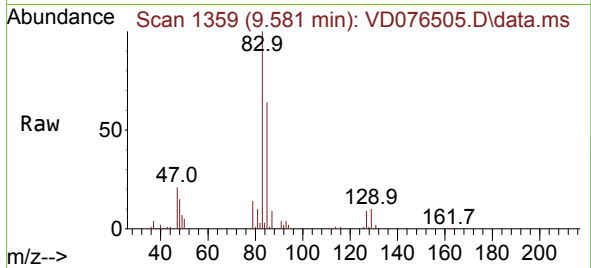




#47
Bromodichloromethane
Concen: 56.146 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

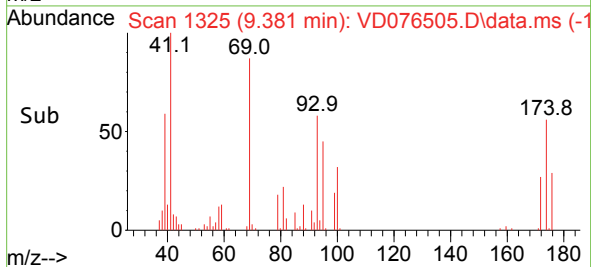
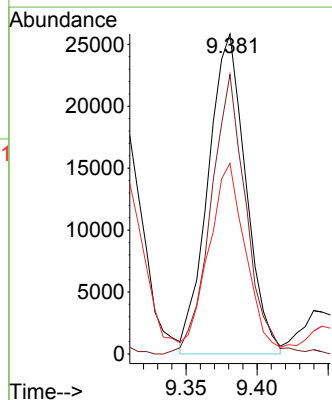
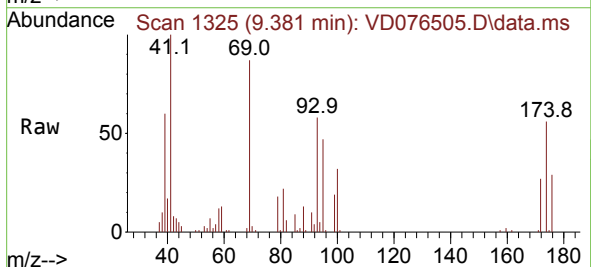
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

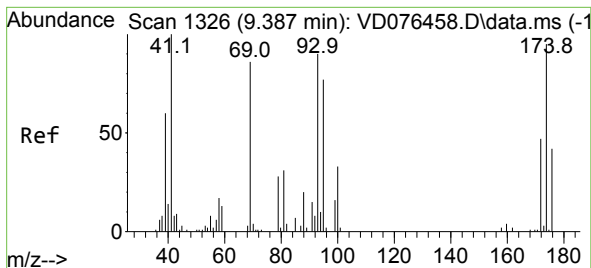
Tgt Ion: 83 Resp: 108474
Ion Ratio Lower Upper
83 100
85 64.4 50.2 75.4
127 9.4 6.3 9.5



#48
Methyl methacrylate
Concen: 52.047 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion: 41 Resp: 47701
Ion Ratio Lower Upper
41 100
69 81.6 102.2 153.2#
39 54.1 41.4 62.2





#49

1,4-Dioxane

Concen: 987.996 ug/l

RT: 9.387 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

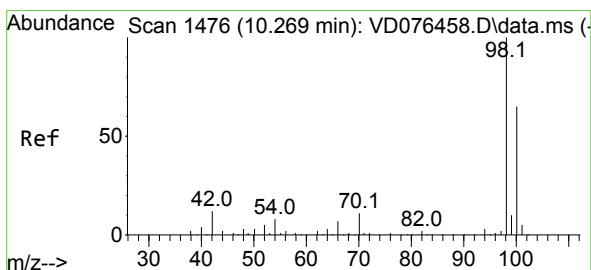
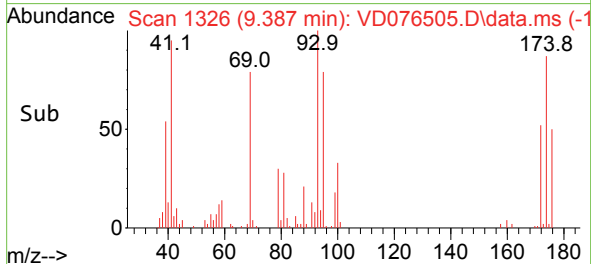
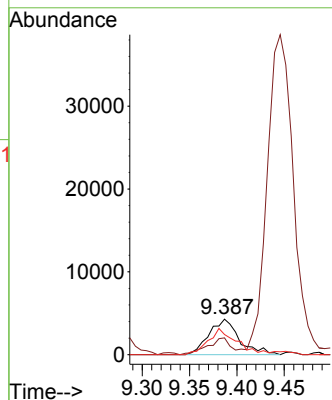
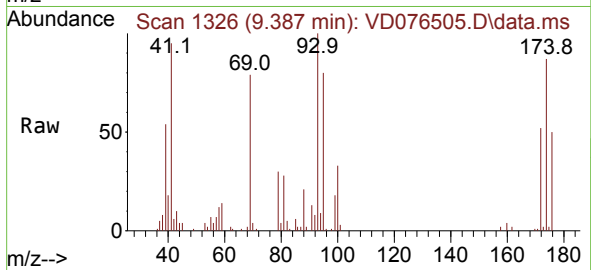
Tgt Ion: 88 Resp: 9557

Ion Ratio Lower Upper

88 100

43 35.2 19.0 28.6#

58 69.0 43.5 65.3#



#50

Toluene-d8

Concen: 48.209 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076505.D

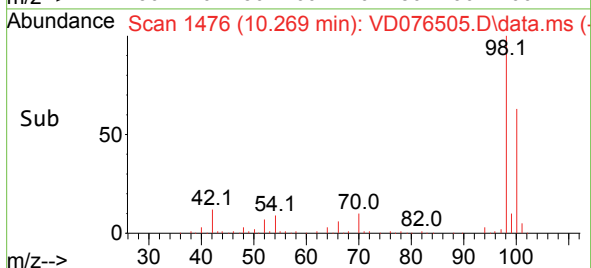
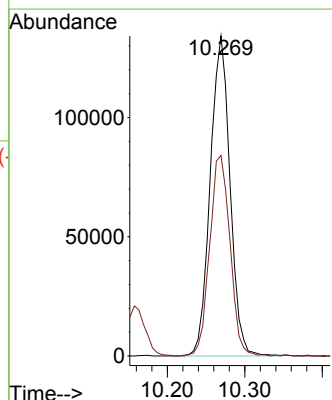
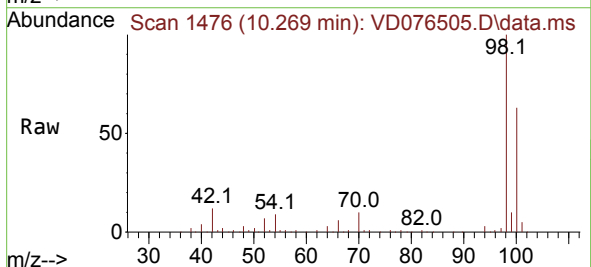
Acq: 21 Jun 2023 10:54

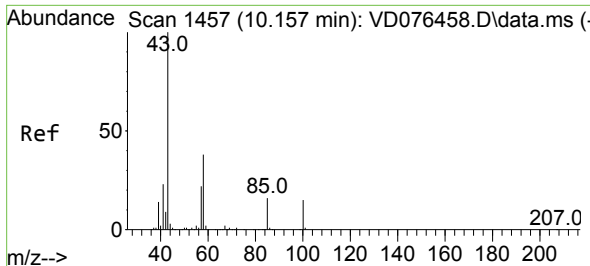
Tgt Ion: 98 Resp: 237974

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5

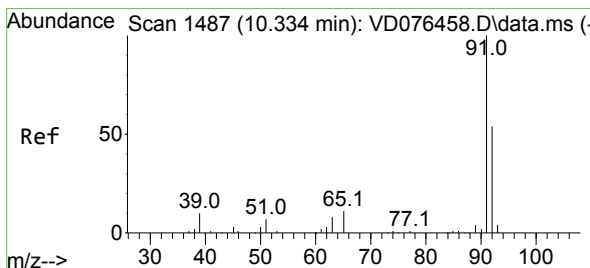
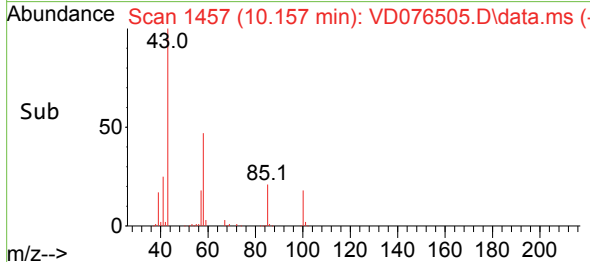
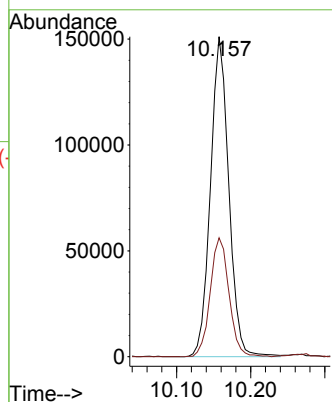
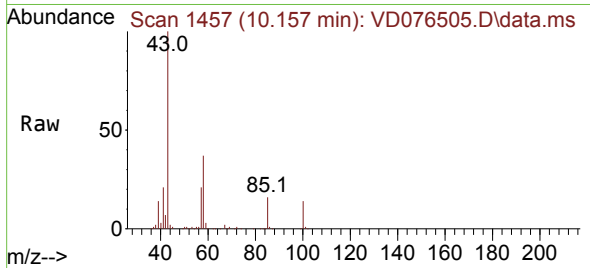




#51
4-Methyl-2-Pentanone
Concen: 254.058 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

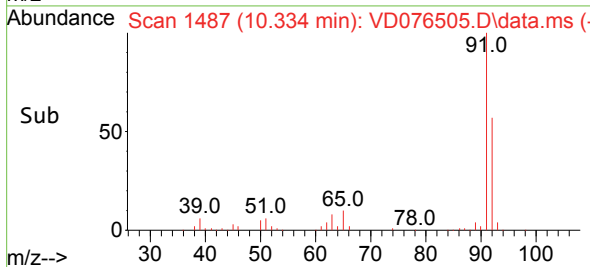
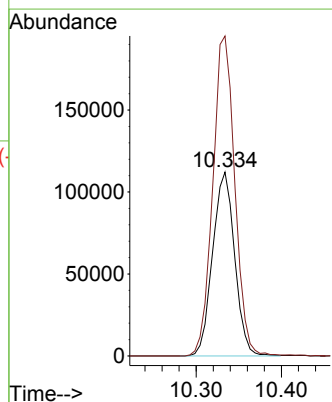
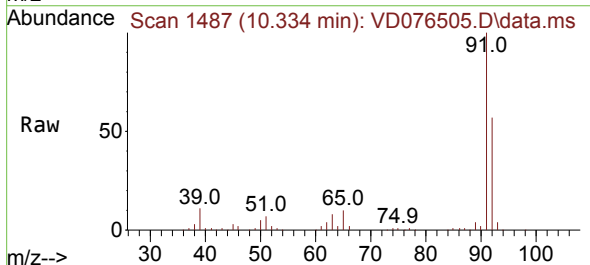
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

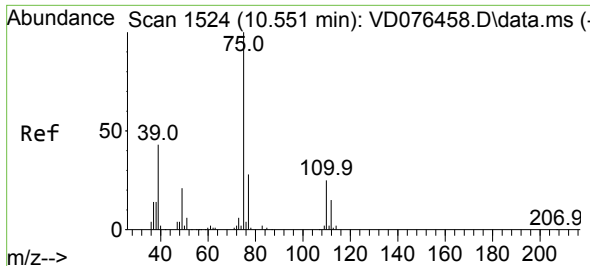
Tgt Ion: 43 Resp: 259685
Ion Ratio Lower Upper
43 100
58 38.1 38.9 58.3#



#52
Toluene
Concen: 57.731 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion: 92 Resp: 201368
Ion Ratio Lower Upper
92 100
91 174.6 143.0 214.4

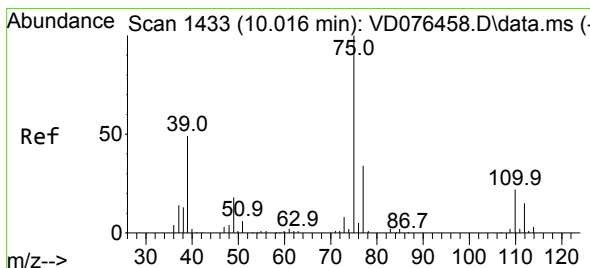
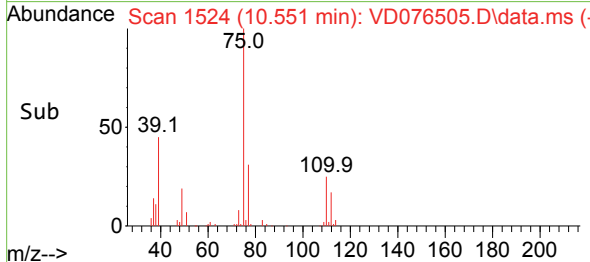
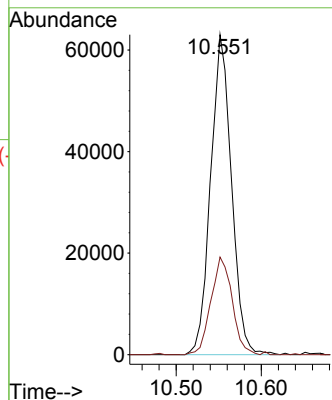
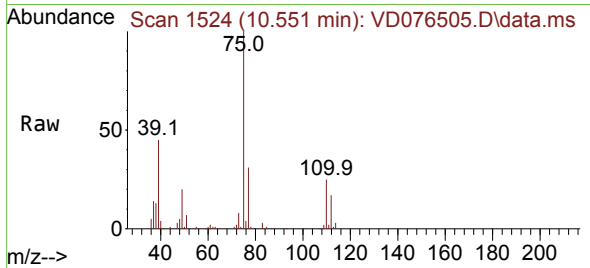




#53
t-1,3-Dichloropropene
Concen: 54.700 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

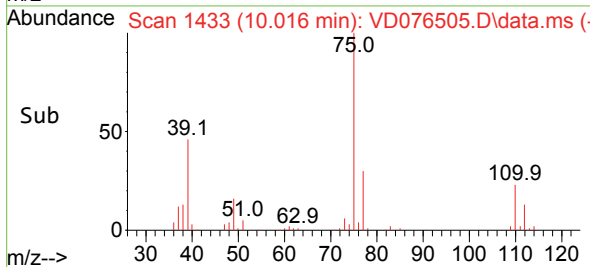
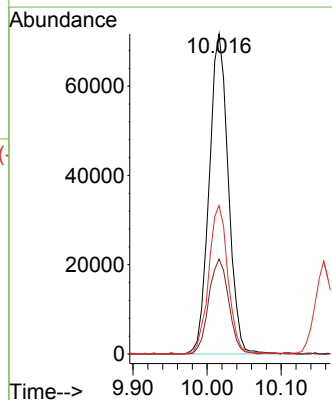
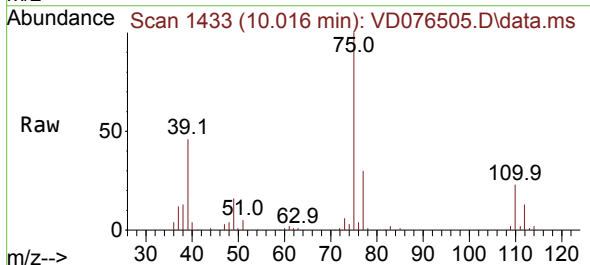
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

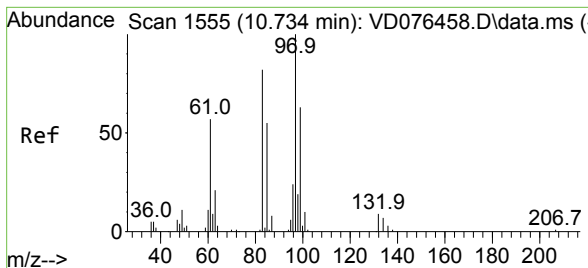
Tgt Ion: 75 Resp: 107237
Ion Ratio Lower Upper
75 100
77 30.5 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 55.291 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion: 75 Resp: 128514
Ion Ratio Lower Upper
75 100
77 29.7 25.5 38.3
39 46.3 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 53.540 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 60463

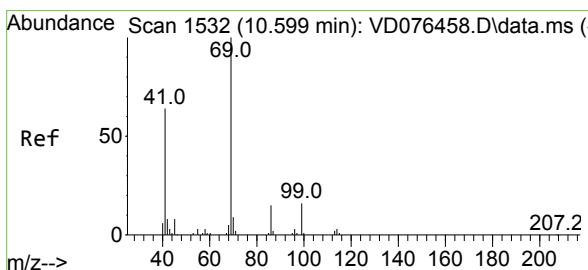
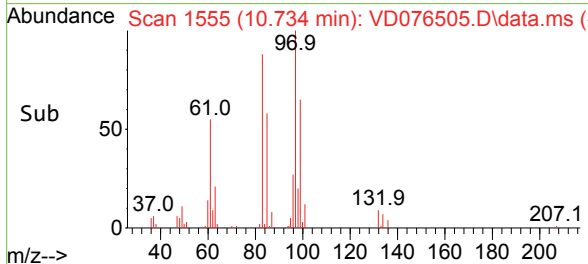
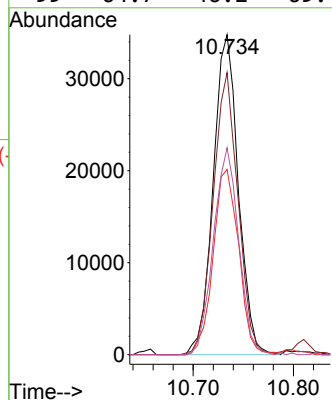
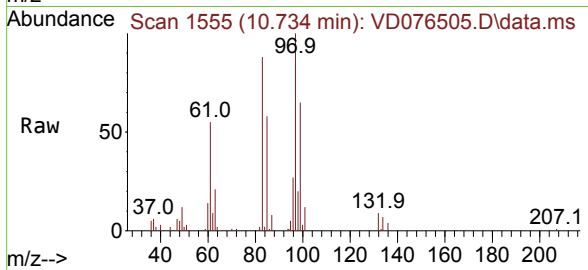
Ion Ratio Lower Upper

97 100

83 88.2 65.8 98.6

85 57.9 45.7 68.5

99 64.7 46.2 69.4



#56

Ethyl methacrylate

Concen: 52.276 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

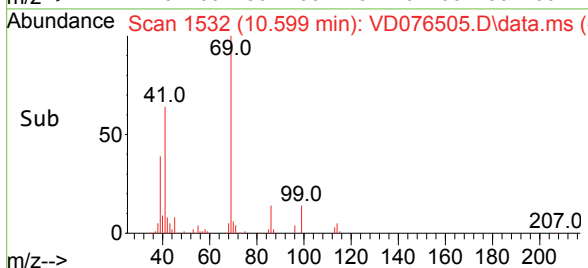
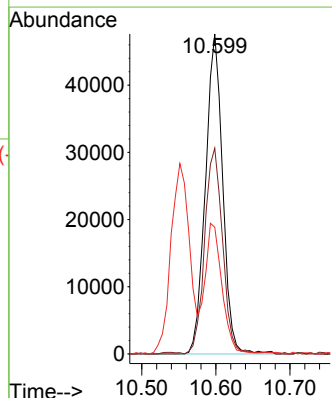
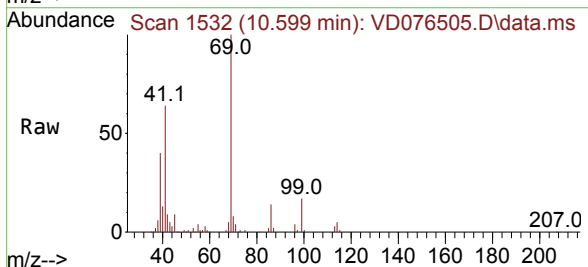
Tgt Ion: 69 Resp: 77084

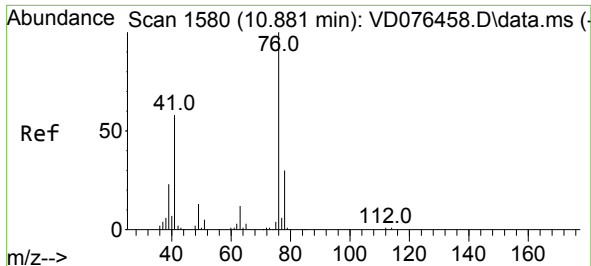
Ion Ratio Lower Upper

69 100

41 67.1 39.1 58.7#

39 39.8 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 53.055 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Instrument :

MSVOA_D

ClientSampleId :

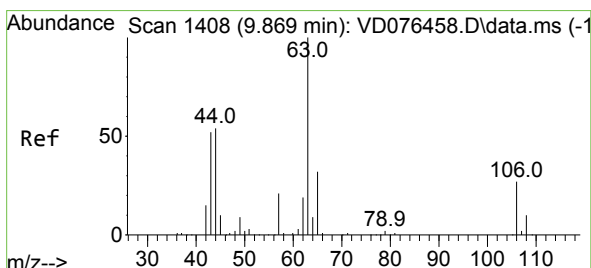
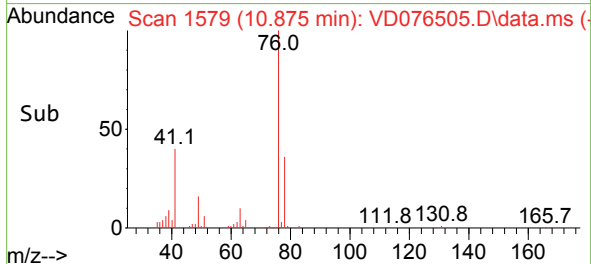
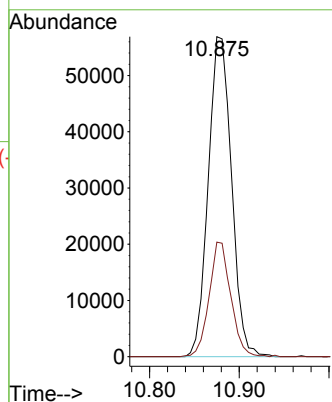
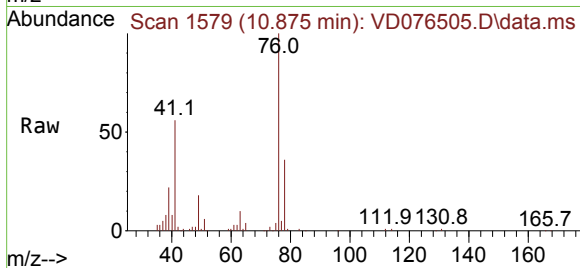
VSTDCCC050

Tgt Ion: 76 Resp: 102582

Ion Ratio Lower Upper

76 100

78 33.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 229.190 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076505.D

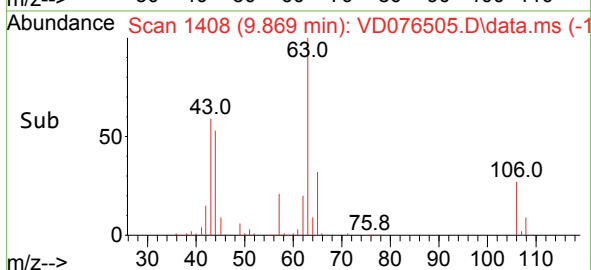
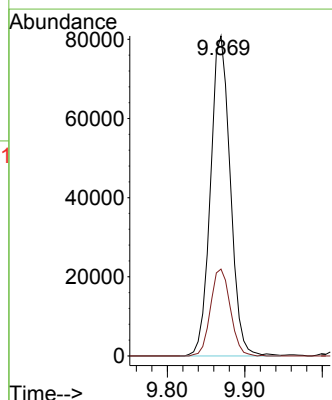
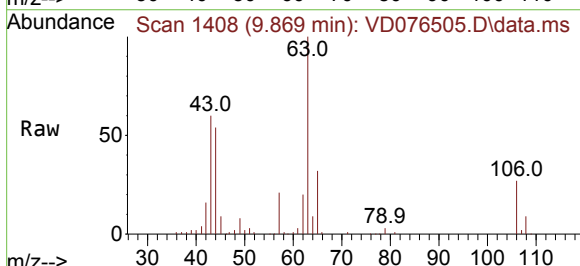
Acq: 21 Jun 2023 10:54

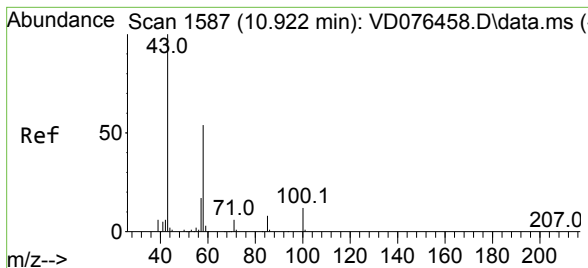
Tgt Ion: 63 Resp: 143277

Ion Ratio Lower Upper

63 100

106 27.2 25.3 37.9

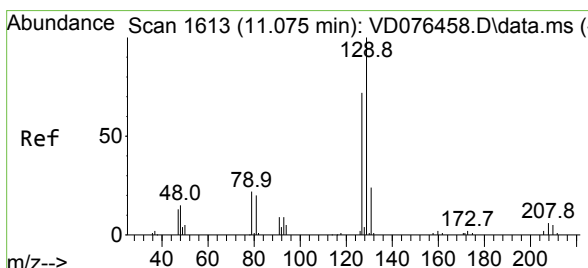
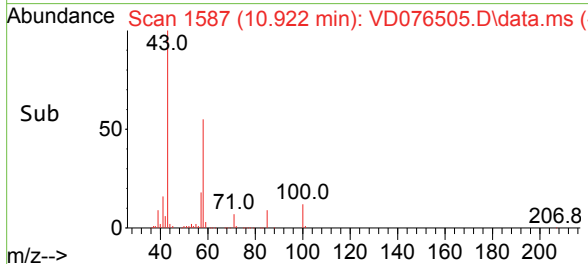
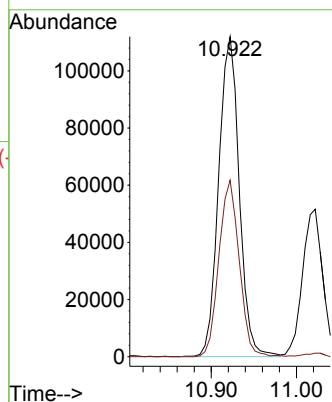
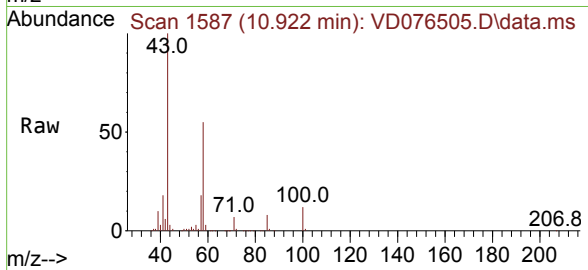




#59
2-Hexanone
Concen: 264.109 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

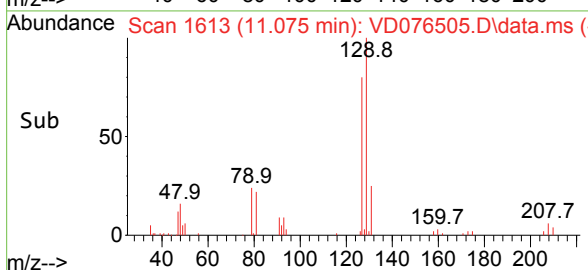
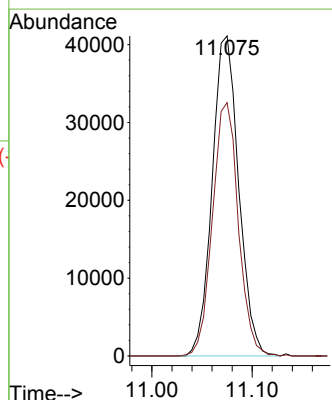
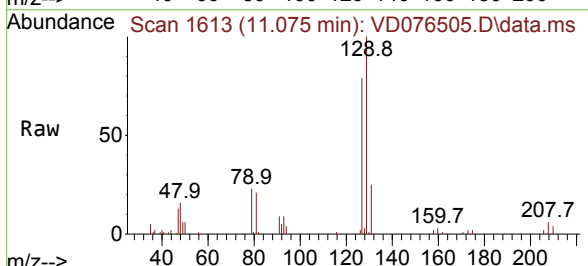
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

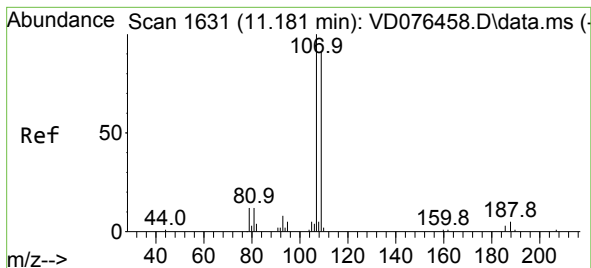
Tgt Ion: 43 Resp: 187784
Ion Ratio Lower Upper
43 100
58 54.5 34.1 102.2



#60
Dibromochloromethane
Concen: 57.431 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion: 129 Resp: 75479
Ion Ratio Lower Upper
129 100
127 77.2 37.1 111.5





#61

1,2-Dibromoethane

Concen: 55.267 ug/l

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Instrument :

MSVOA_D

ClientSampleId :

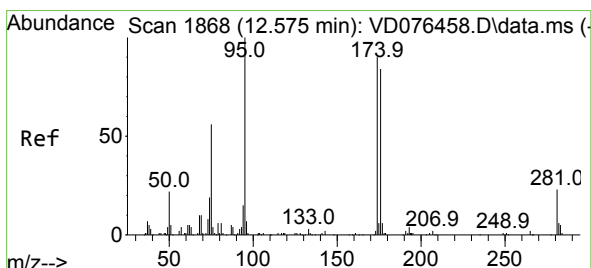
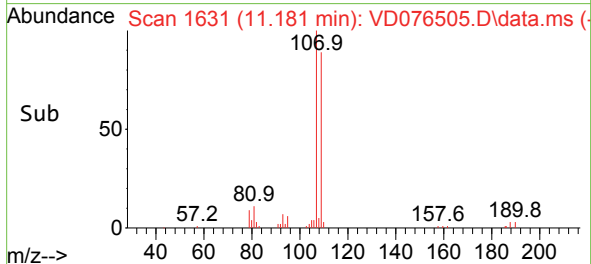
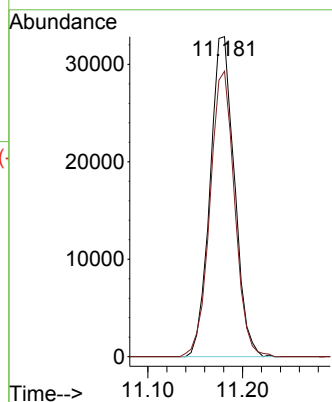
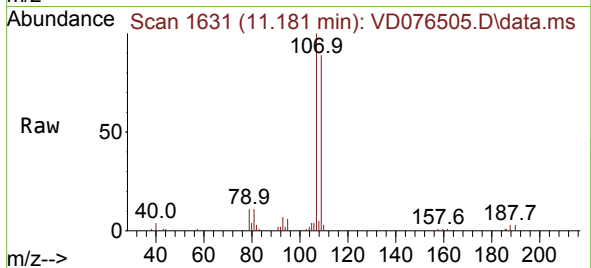
VSTDCCC050

Tgt Ion:107 Resp: 58590

Ion Ratio Lower Upper

107 100

109 90.2 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 49.170 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

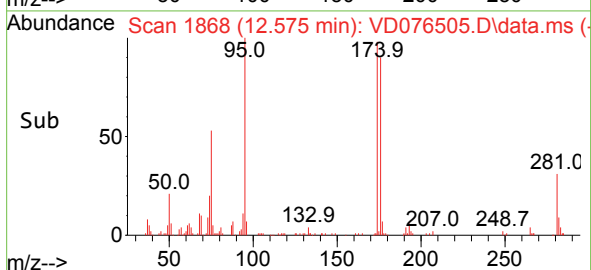
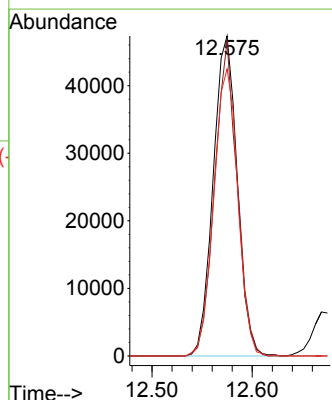
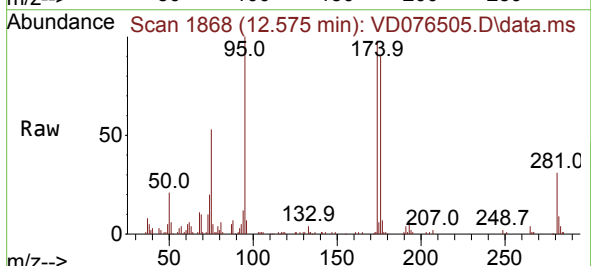
Tgt Ion: 95 Resp: 78771

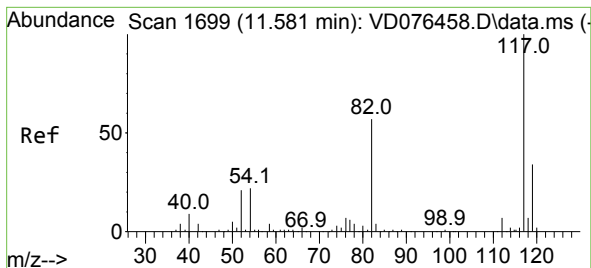
Ion Ratio Lower Upper

95 100

174 92.2 0.0 201.8

176 89.8 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: VD076505.D

Acq: 21 Jun 2023 10:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

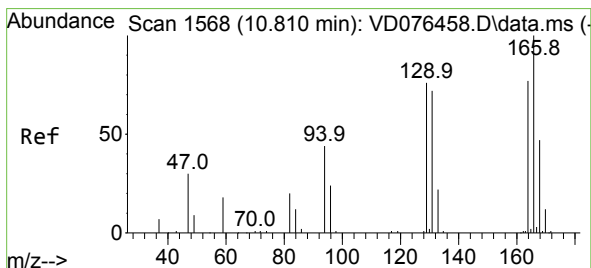
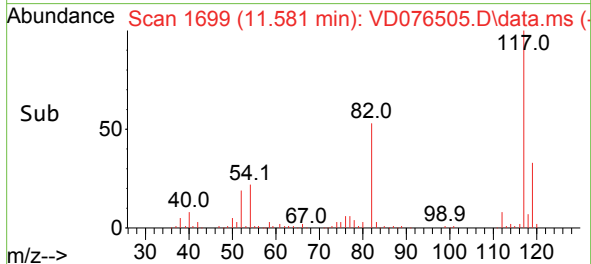
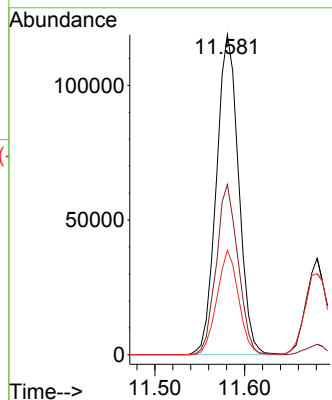
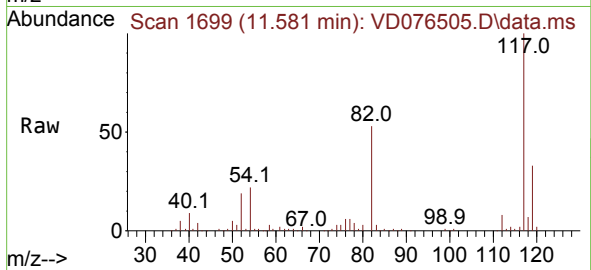
Tgt Ion:117 Resp: 204411

Ion Ratio Lower Upper

117 100

82 53.2 38.3 57.5

119 32.6 25.0 37.4



#64

Tetrachloroethene

Concen: 57.950 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Tgt Ion:164 Resp: 71105

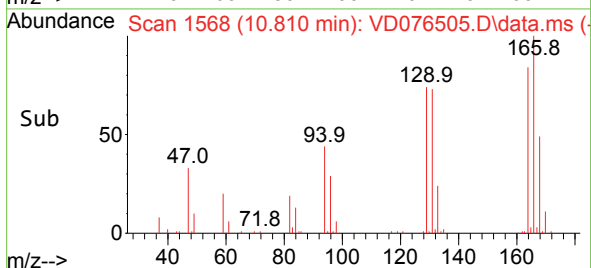
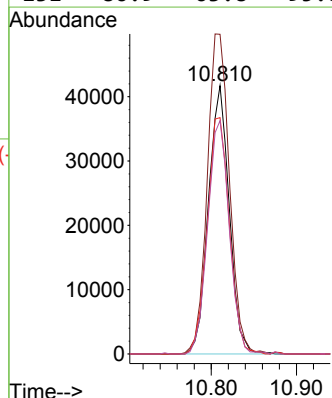
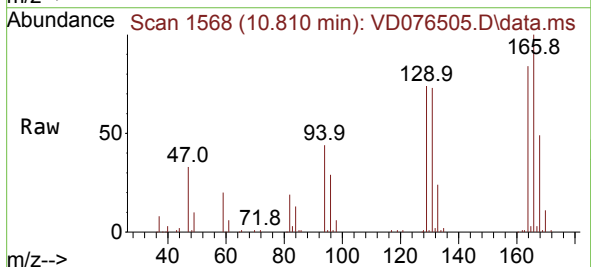
Ion Ratio Lower Upper

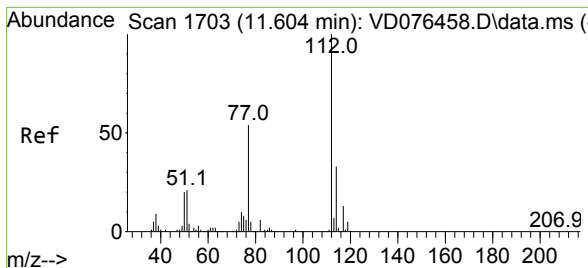
164 100

166 119.1 99.2 148.8

129 88.0 68.4 102.6

131 86.9 63.8 95.8

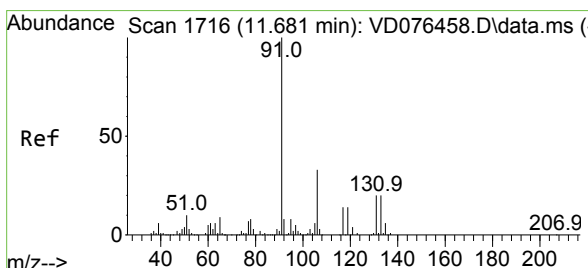
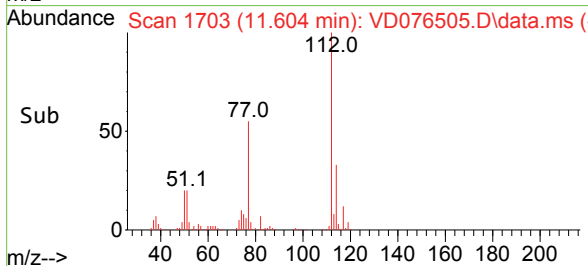
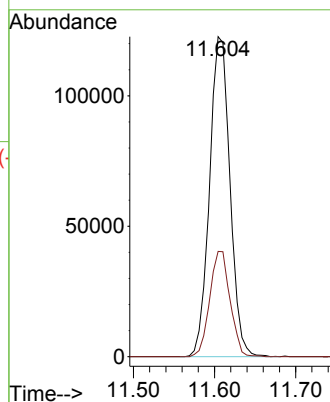
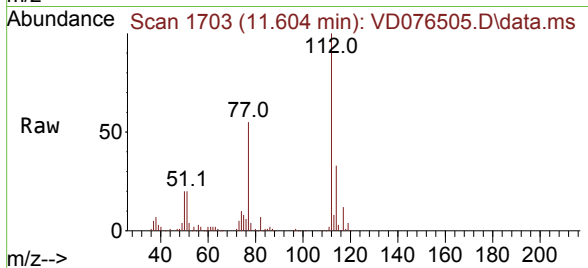




#65
Chlorobenzene
Concen: 55.212 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

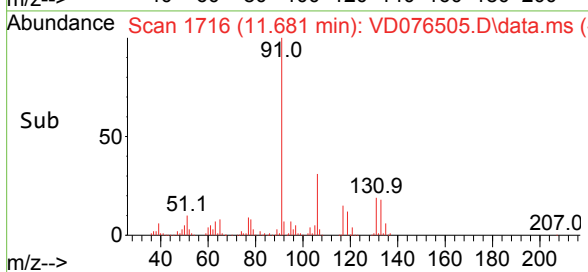
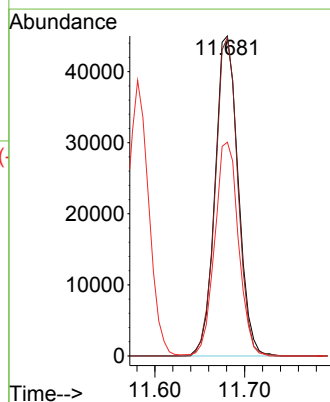
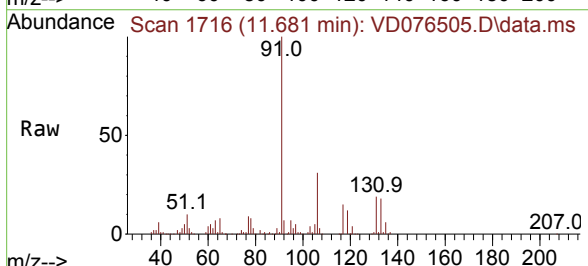
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

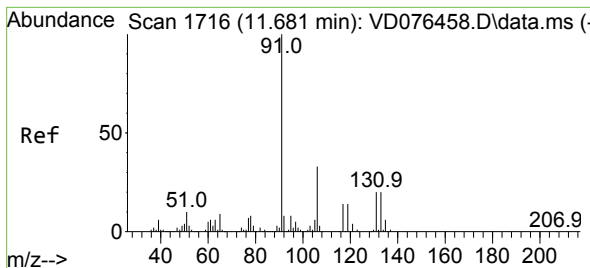
Tgt Ion:112 Resp: 214413
Ion Ratio Lower Upper
112 100
114 32.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 57.961 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion:131 Resp: 80498
Ion Ratio Lower Upper
131 100
133 97.1 48.5 145.5
119 68.7 35.6 106.9





#67

Ethyl Benzene

Concen: 57.653 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Instrument :

MSVOA_D

ClientSampleId :

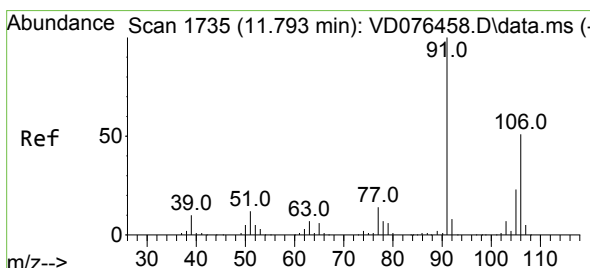
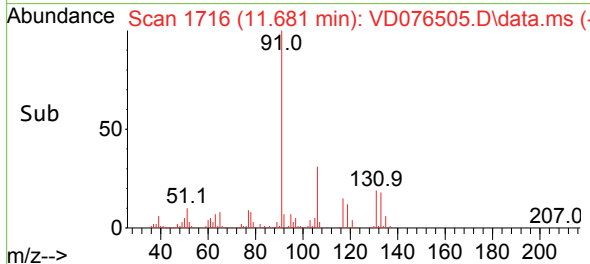
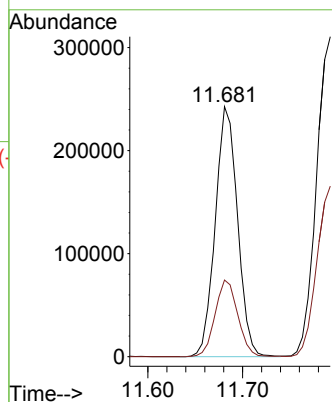
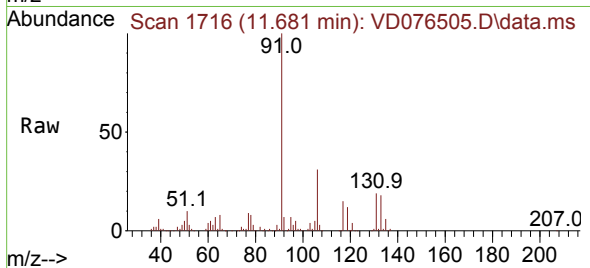
VSTDCCC050

Tgt Ion: 91 Resp: 396712

Ion Ratio Lower Upper

91 100

106 30.7 26.5 39.7



#68

m/p-Xylenes

Concen: 115.395 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076505.D

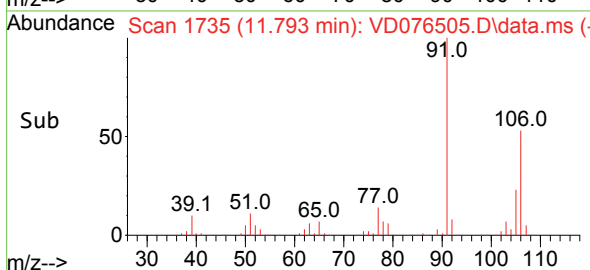
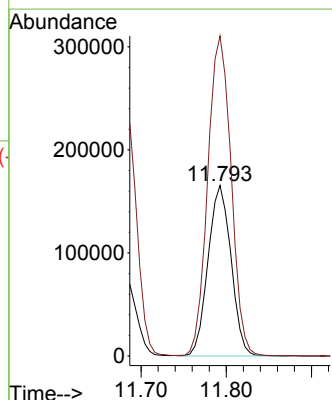
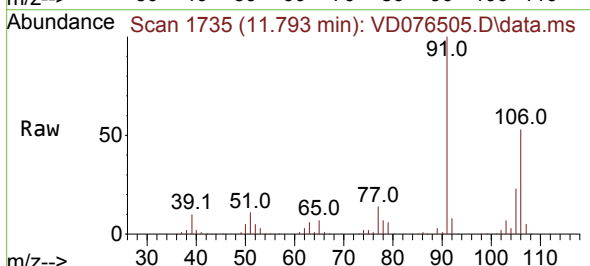
Acq: 21 Jun 2023 10:54

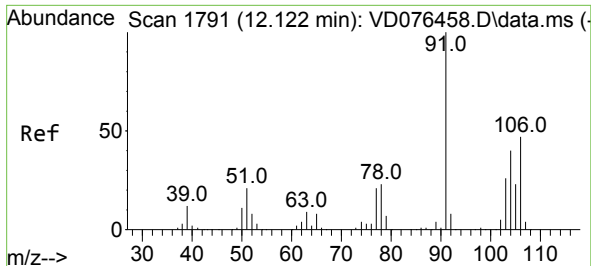
Tgt Ion:106 Resp: 309962

Ion Ratio Lower Upper

106 100

91 191.3 147.0 220.6

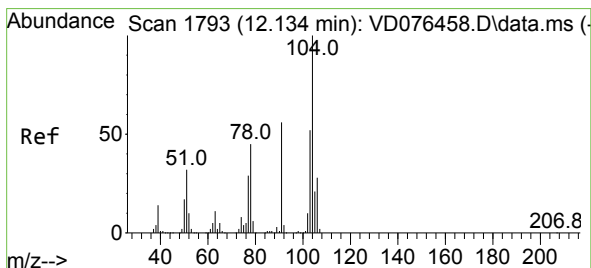
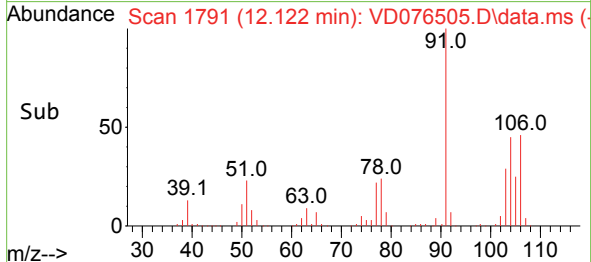
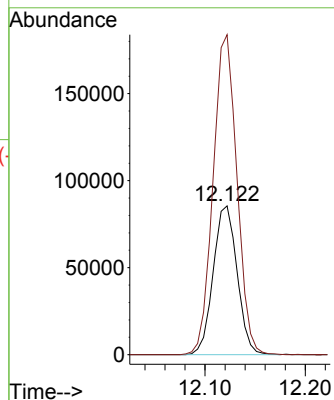
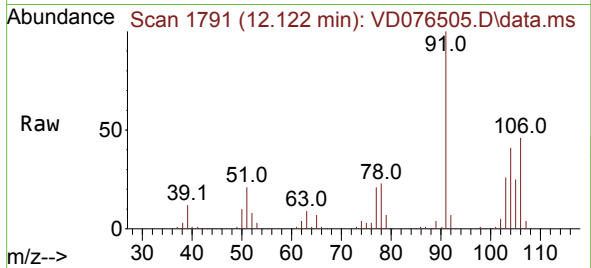




#69
o-Xylene
Concen: 55.313 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

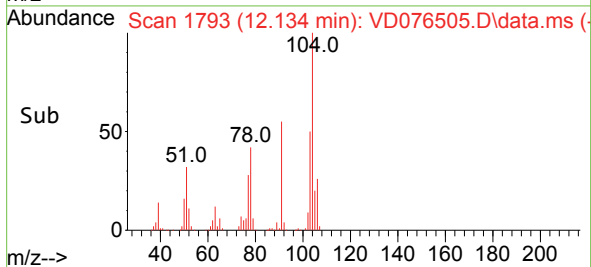
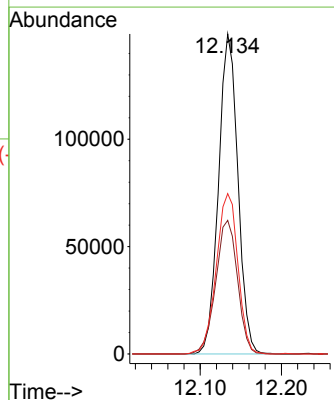
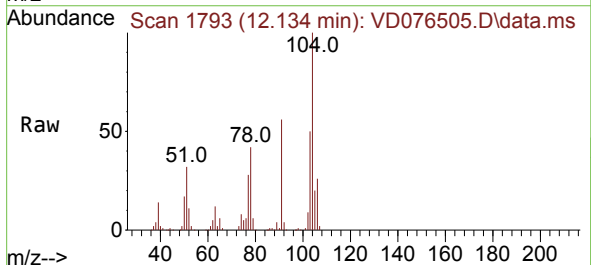
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

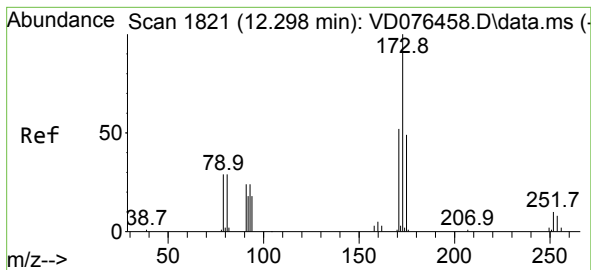
Tgt Ion:106 Resp: 141432
Ion Ratio Lower Upper
106 100
91 214.5 97.9 293.6



#70
Styrene
Concen: 55.998 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion:104 Resp: 247340
Ion Ratio Lower Upper
104 100
78 47.0 33.2 49.8
103 55.9 43.6 65.4





#71

Bromoform

Concen: 54.750 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

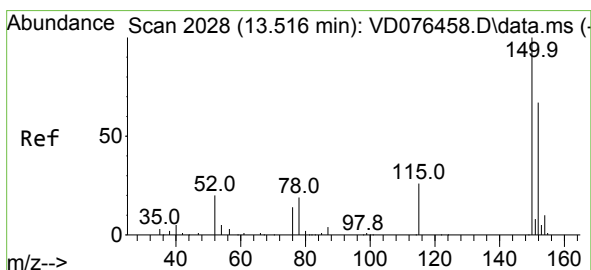
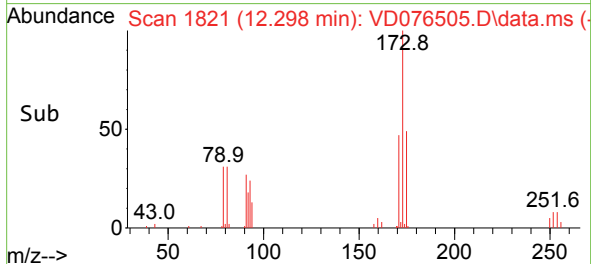
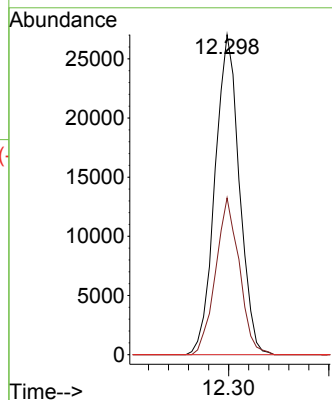
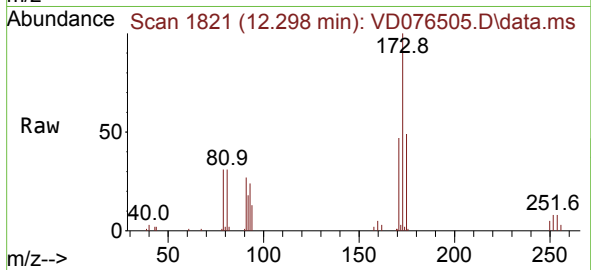
Tgt Ion:173 Resp: 45655

Ion Ratio Lower Upper

173 100

175 47.7 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: VD076505.D

Acq: 21 Jun 2023 10:54

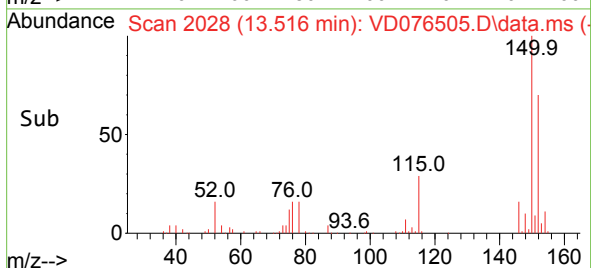
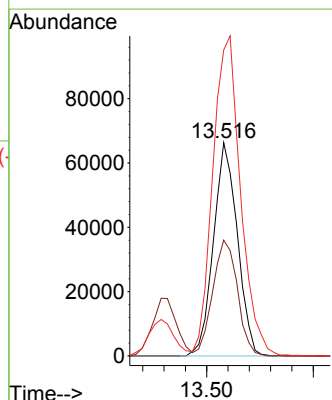
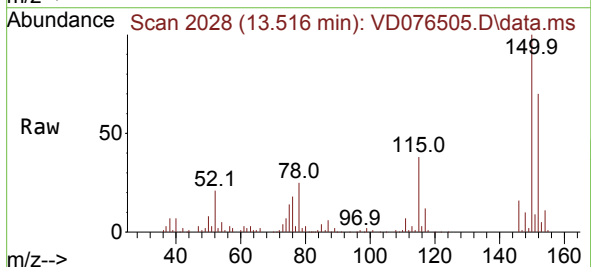
Tgt Ion:152 Resp: 103262

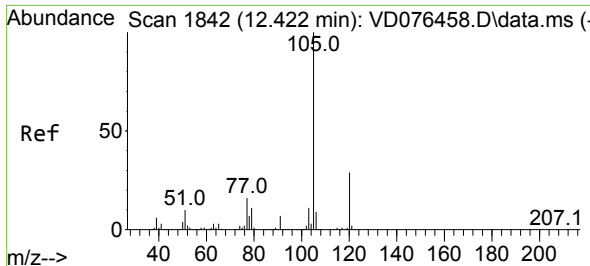
Ion Ratio Lower Upper

152 100

115 56.2 27.1 81.3

150 174.1 0.0 353.6

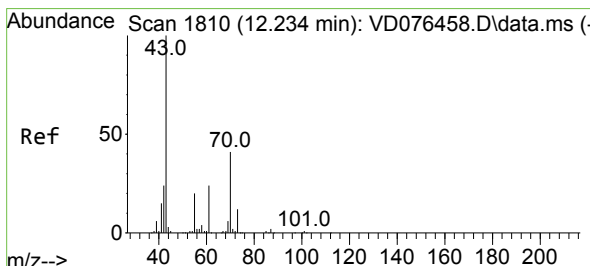
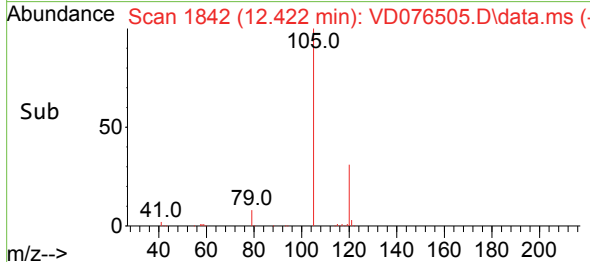
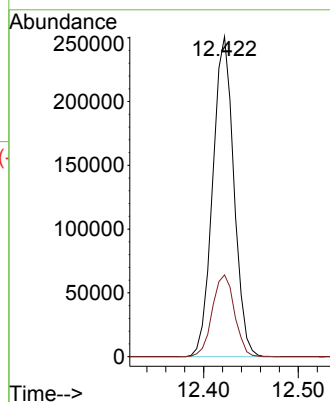
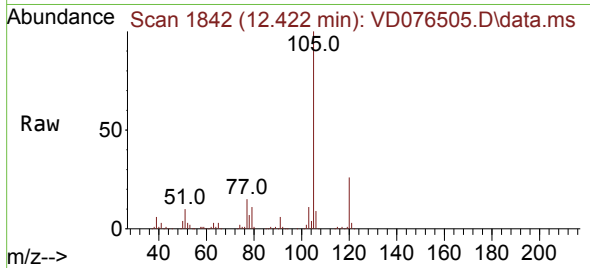




#73
Isopropylbenzene
Concen: 56.003 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

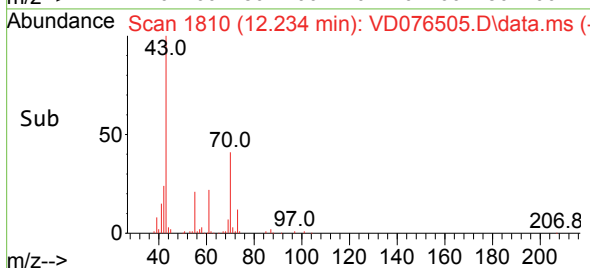
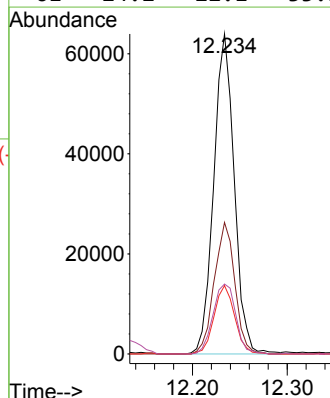
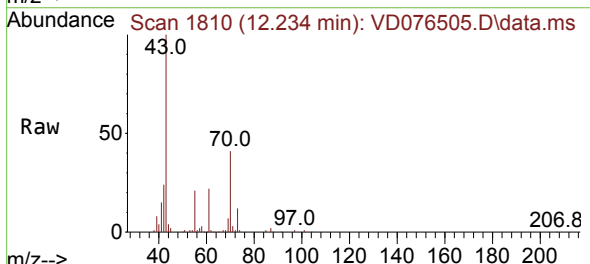
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

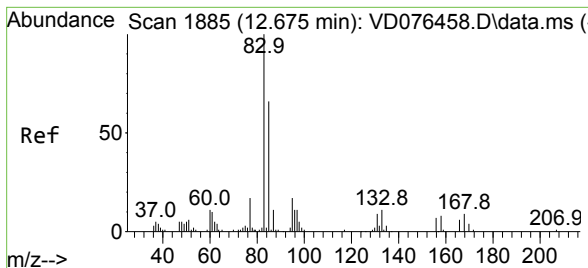
Tgt Ion:105 Resp: 389355
Ion Ratio Lower Upper
105 100
120 26.8 14.3 42.9



#74
N-ethyl acetate
Concen: 47.244 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion: 43 Resp: 96157
Ion Ratio Lower Upper
43 100
70 41.2 45.0 67.4#
55 21.6 23.8 35.6#
61 24.2 22.1 33.1

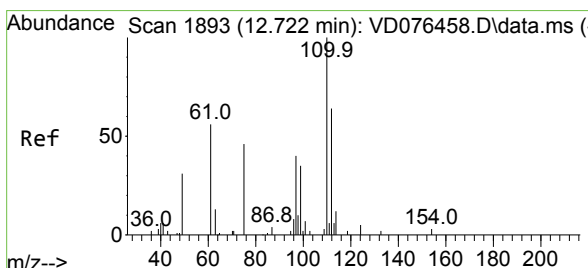
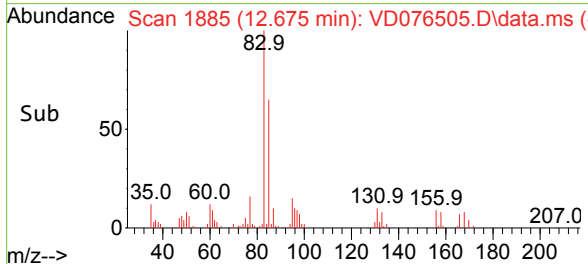
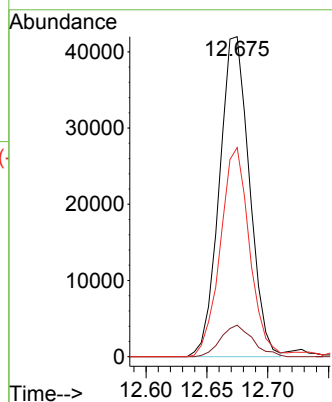
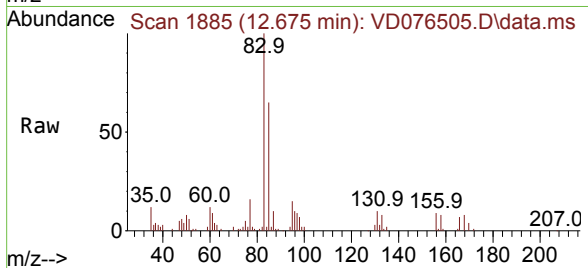




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.185 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD076505.D
 Acq: 21 Jun 2023 10:54

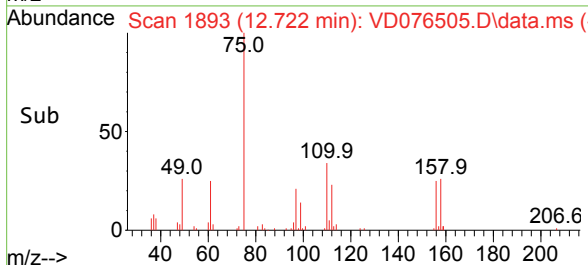
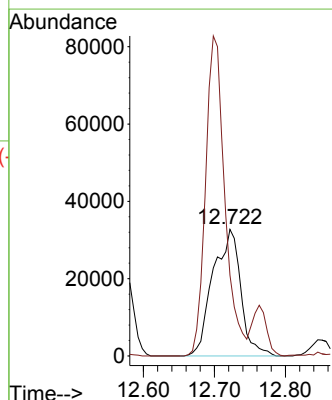
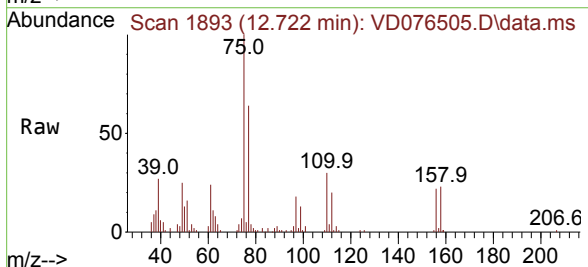
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

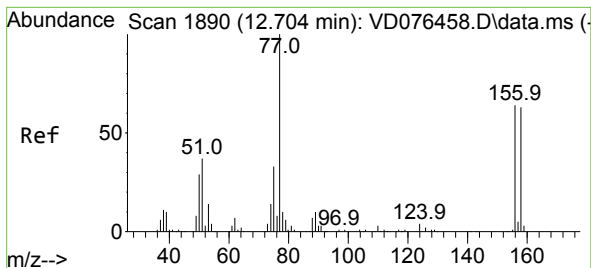
Tgt Ion: 83 Resp: 71998
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.1 15.3
 85 63.8 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 86.934 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD076505.D
 Acq: 21 Jun 2023 10:54

Tgt Ion: 75 Resp: 89094
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.211 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

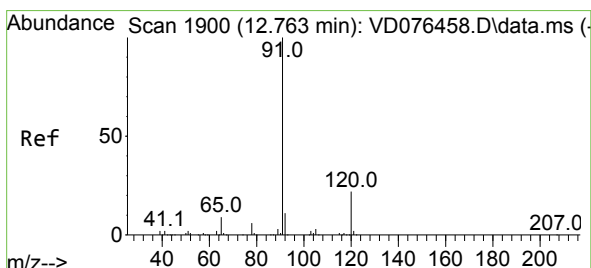
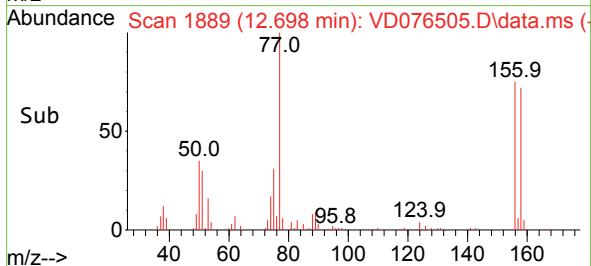
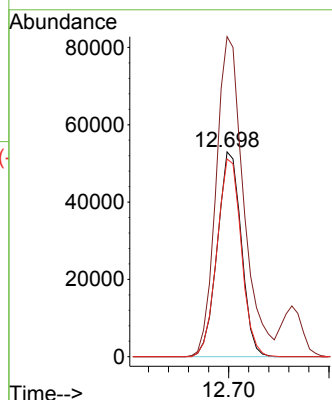
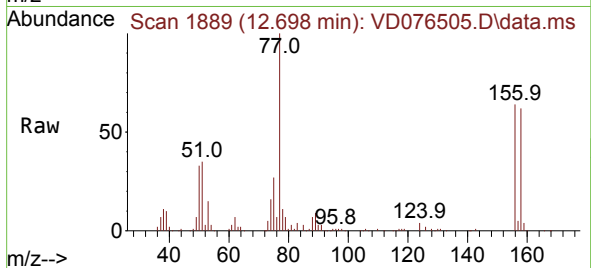
Tgt Ion:156 Resp: 87838

Ion Ratio Lower Upper

156 100

77 179.2 76.8 230.4

158 98.3 48.6 145.9



#78

n-propylbenzene

Concen: 56.130 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD076505.D

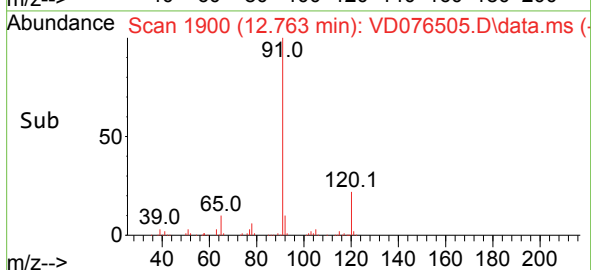
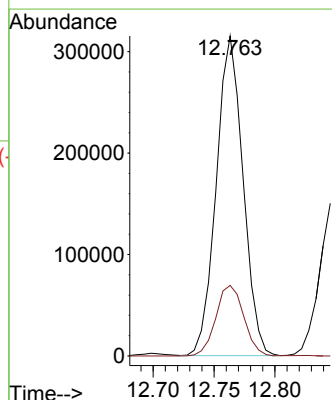
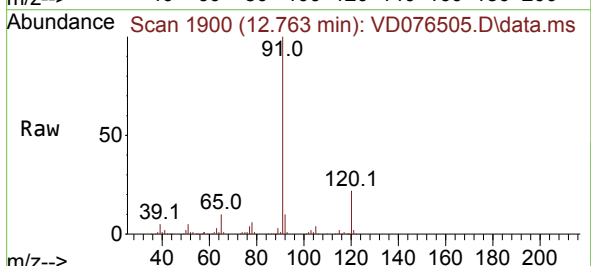
Acq: 21 Jun 2023 10:54

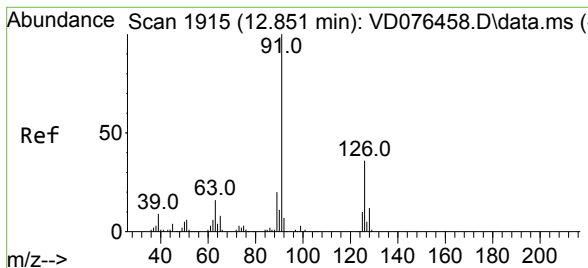
Tgt Ion: 91 Resp: 481839

Ion Ratio Lower Upper

91 100

120 23.0 12.4 37.2

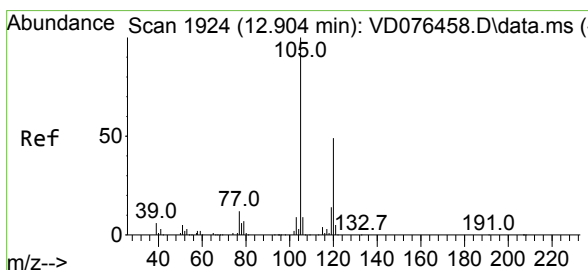
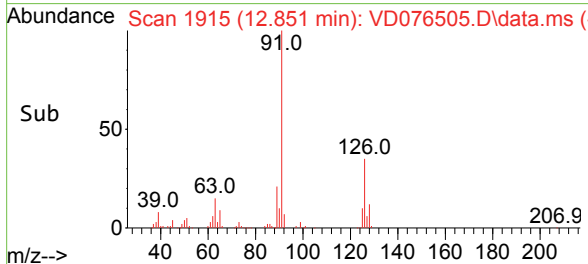
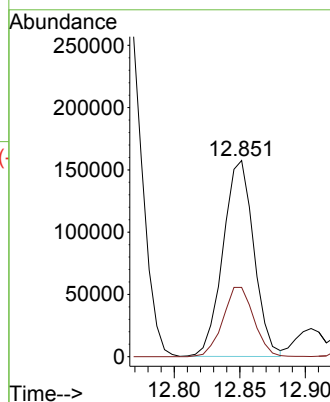
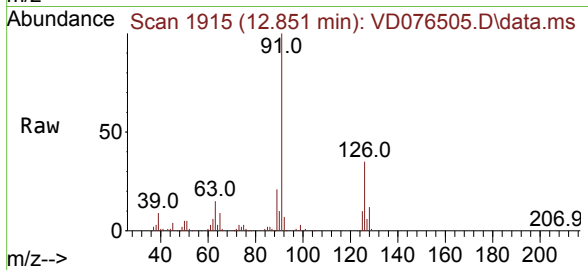




#79
2-Chlorotoluene
Concen: 54.662 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

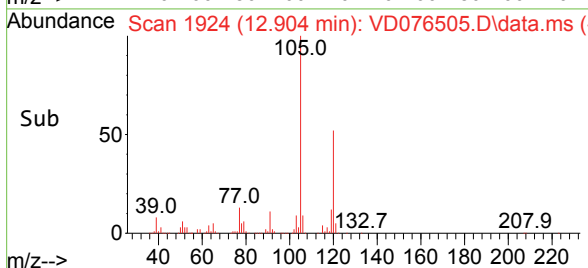
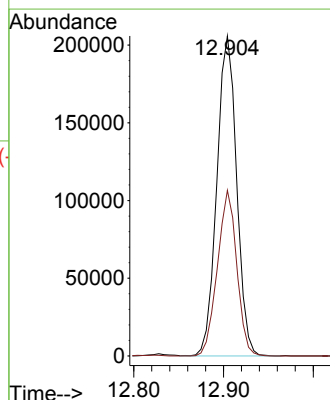
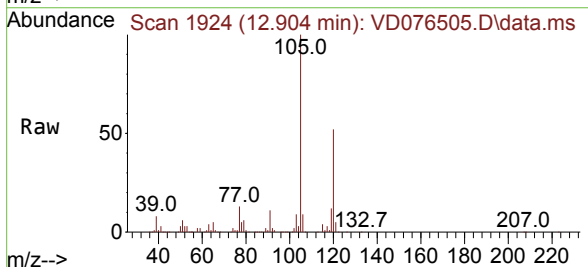
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

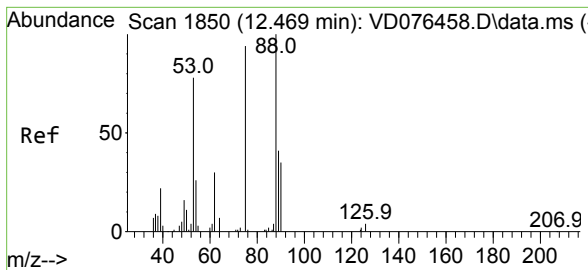
Tgt Ion: 91 Resp: 257676
Ion Ratio Lower Upper
91 100
126 35.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 55.559 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion: 105 Resp: 315444
Ion Ratio Lower Upper
105 100
120 50.6 26.4 79.2

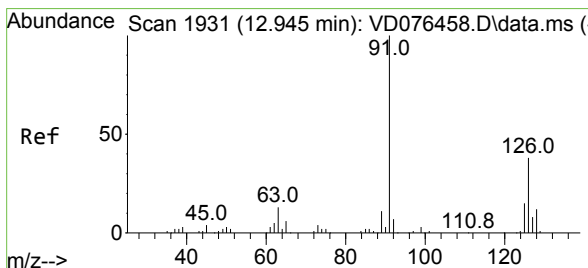
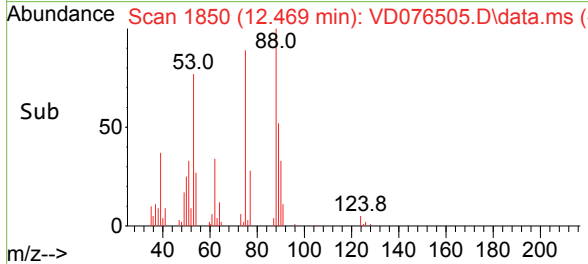
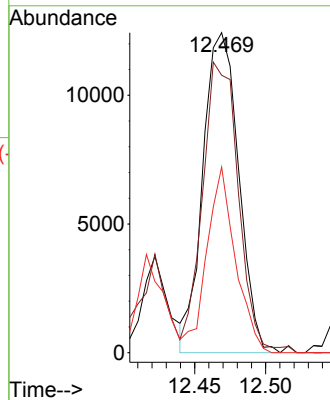
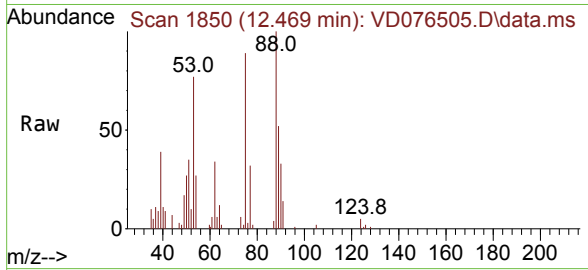




#81
trans-1,4-Dichloro-2-butene
Concen: 46.444 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

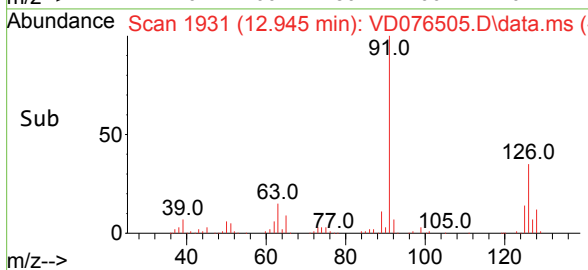
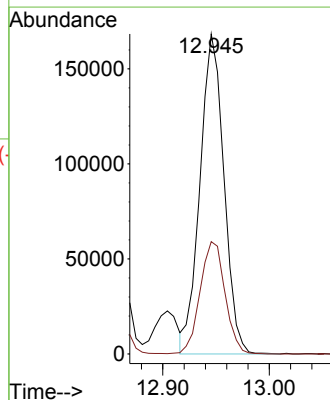
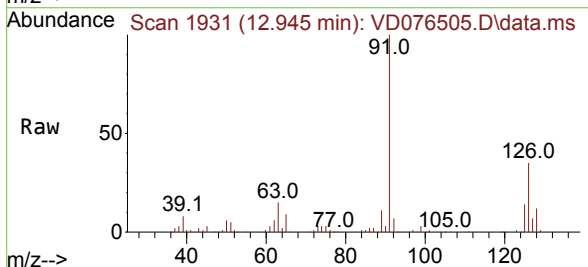
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

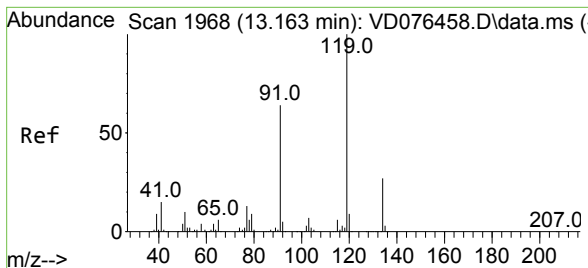
Tgt Ion:	75	Resp:	21722
Ion Ratio	Lower	Upper	
75	100		
53	91.3	63.0	94.4
89	46.7	37.9	56.9



#82
4-Chlorotoluene
Concen: 53.874 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion:	91	Resp:	263742
Ion Ratio	Lower	Upper	
91	100		
126	36.5	19.4	58.4

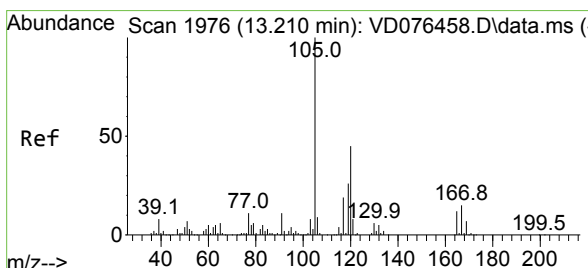
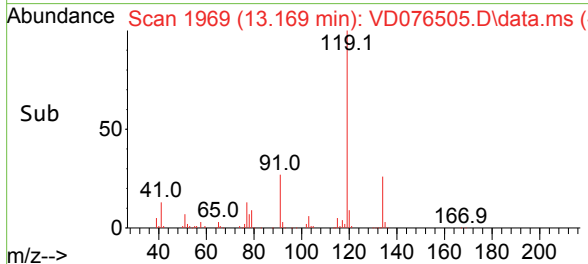
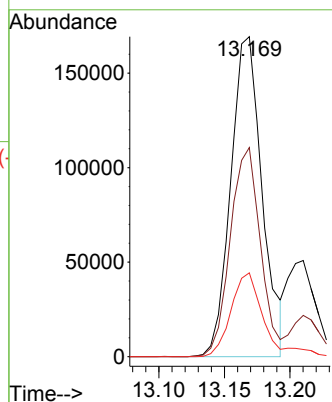
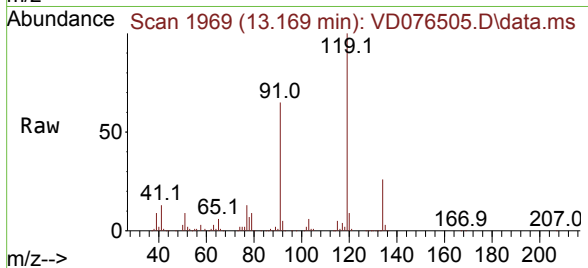




#83
tert-Butylbenzene
Concen: 55.937 ug/l
RT: 13.169 min Scan# 1968
Delta R.T. 0.006 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

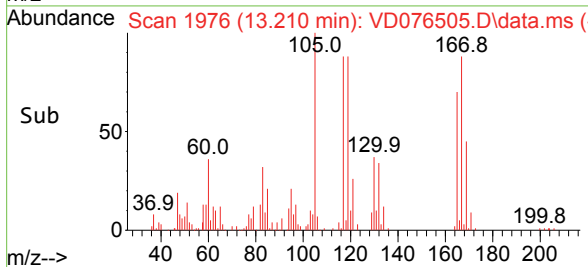
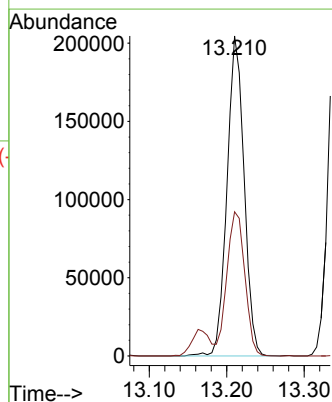
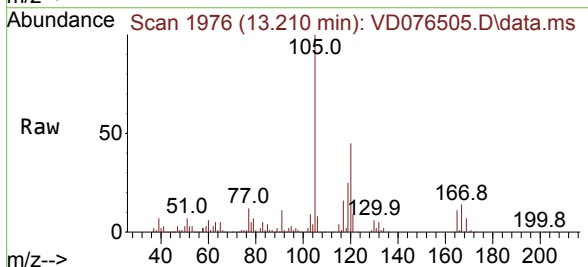
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

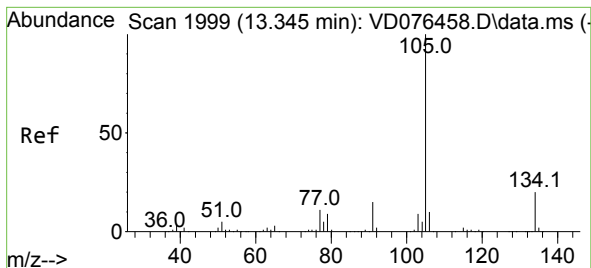
Tgt Ion:119 Resp: 282196
Ion Ratio Lower Upper
119 100
91 62.8 29.3 87.8
134 27.5 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 54.888 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion:105 Resp: 314050
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.9





#85

sec-Butylbenzene

Concen: 58.306 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Instrument :

MSVOA_D

ClientSampleId :

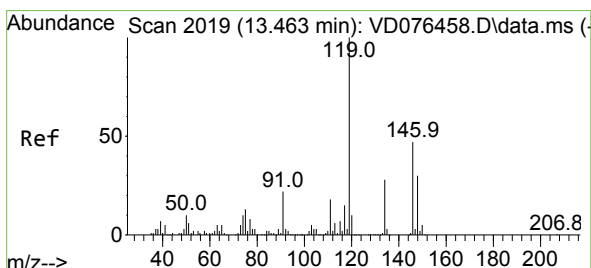
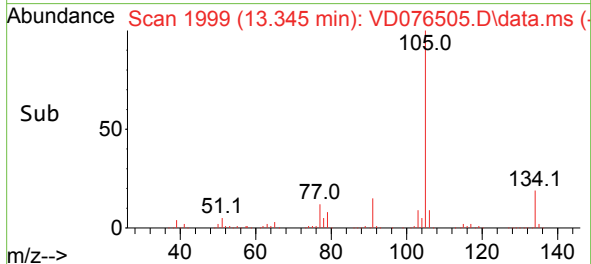
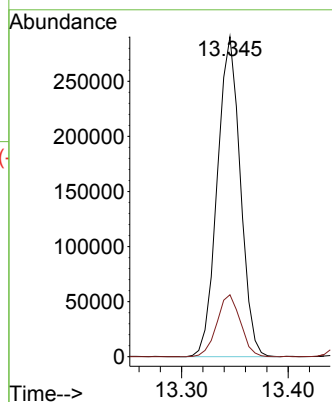
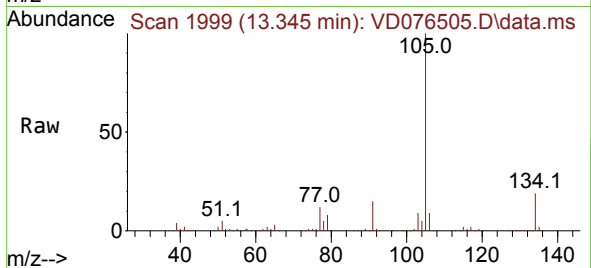
VSTDCCC050

Tgt Ion:105 Resp: 436506

Ion Ratio Lower Upper

105 100

134 19.8 10.9 32.9



#86

p-Isopropyltoluene

Concen: 57.709 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

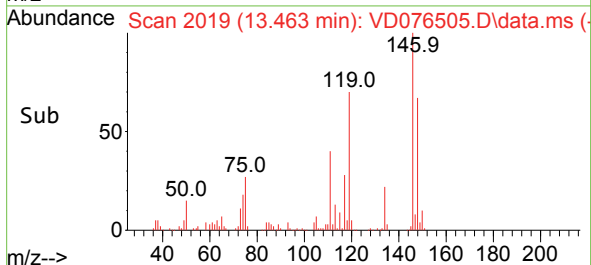
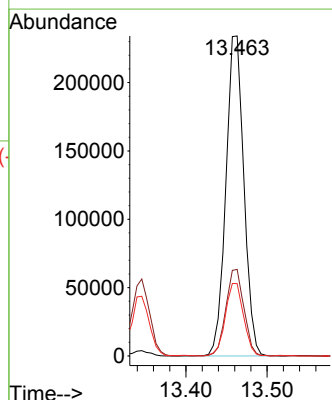
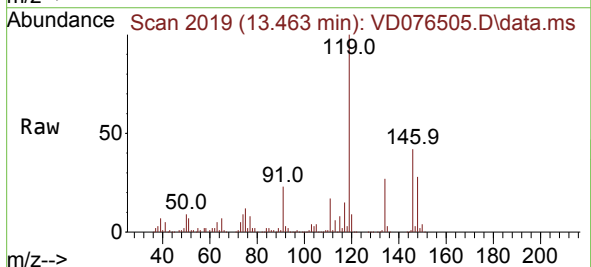
Tgt Ion:119 Resp: 361006

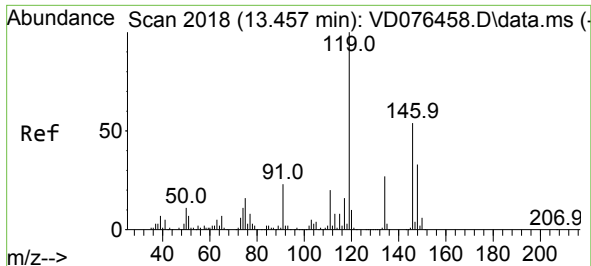
Ion Ratio Lower Upper

119 100

134 27.2 14.2 42.6

91 23.0 10.5 31.5

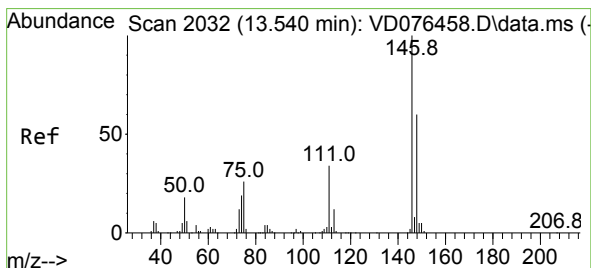
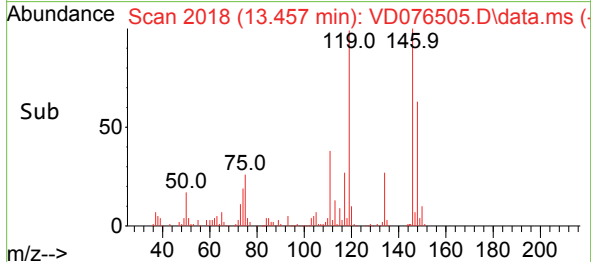
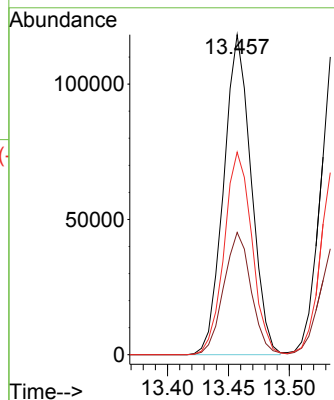
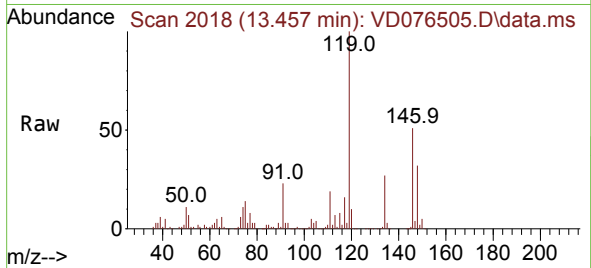




#87
1,3-Dichlorobenzene
Concen: 55.129 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

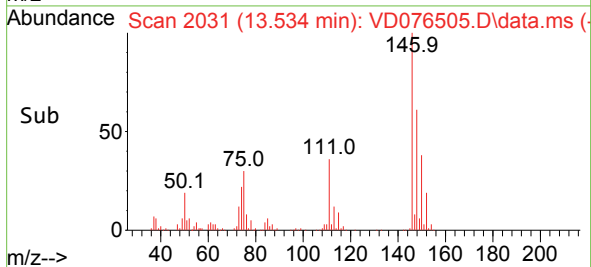
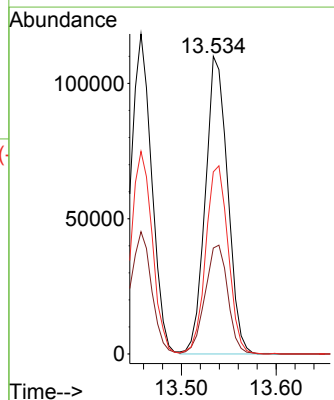
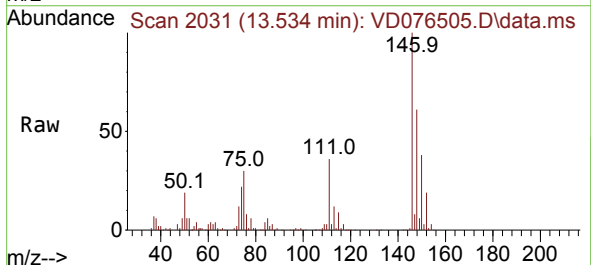
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

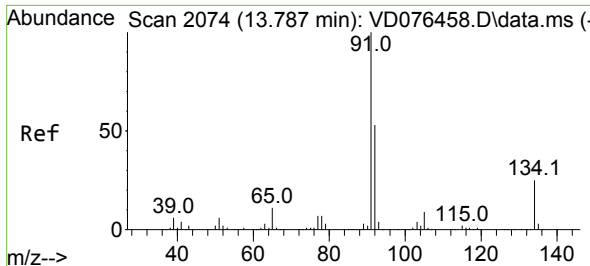
Tgt Ion:146 Resp: 185740
Ion Ratio Lower Upper
146 100
111 38.2 17.9 53.8
148 64.0 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 53.539 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion:146 Resp: 179902
Ion Ratio Lower Upper
146 100
111 37.4 17.4 52.3
148 63.7 31.7 95.1

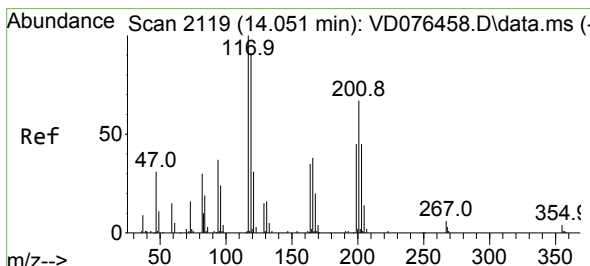
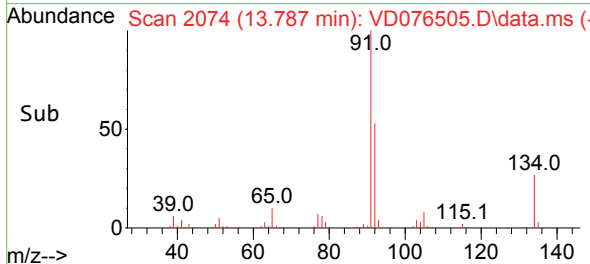
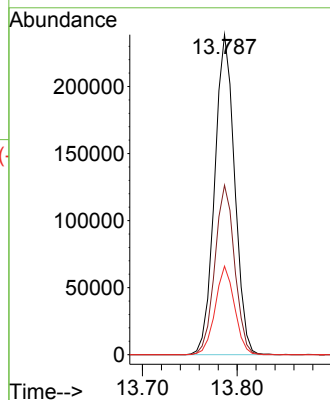
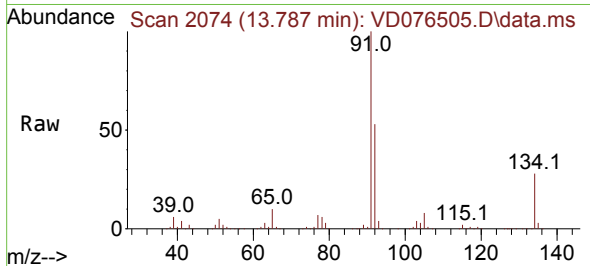




#89
n-Butylbenzene
Concen: 57.327 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

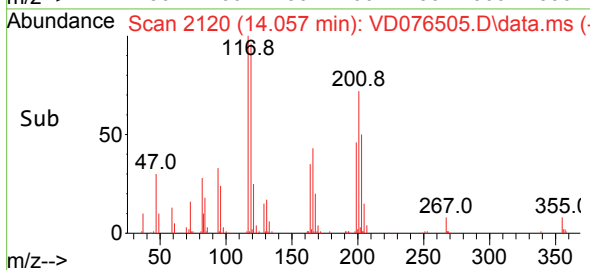
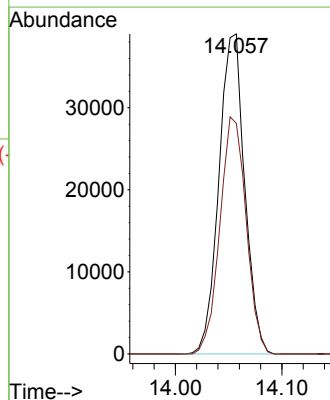
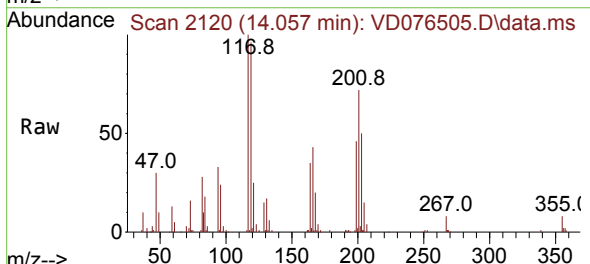
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

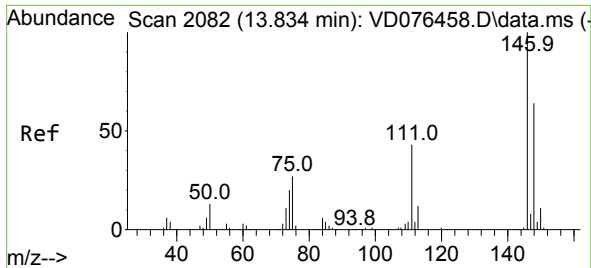
Tgt Ion: 91 Resp: 349778
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.5
134 26.8 13.8 41.3



#90
Hexachloroethane
Concen: 56.761 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD076505.D
Acq: 21 Jun 2023 10:54

Tgt Ion: 117 Resp: 65525
Ion Ratio Lower Upper
117 100
201 75.4 38.5 115.5

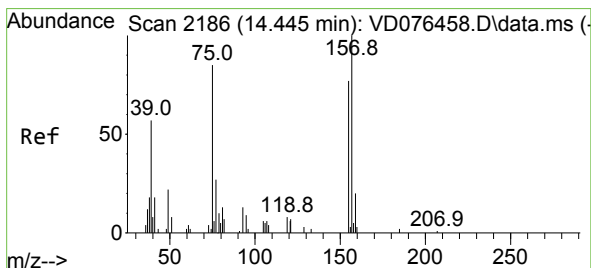
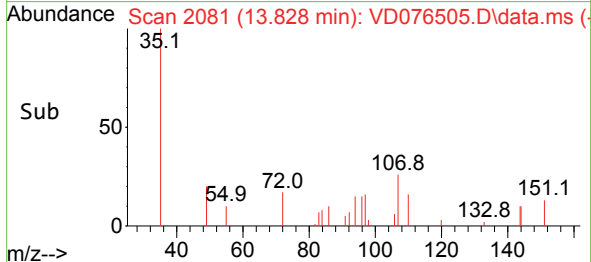
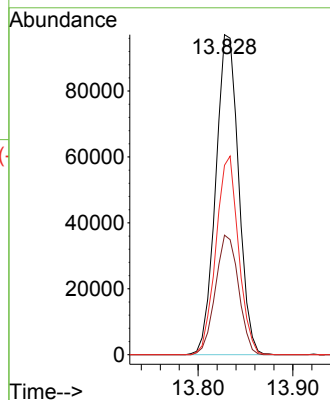
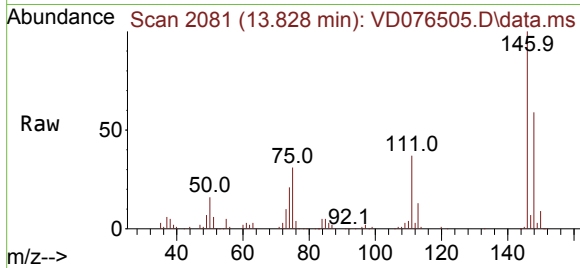




#91
 1,2-Dichlorobenzene
 Concen: 55.268 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.006 min
 Lab File: VD076505.D
 Acq: 21 Jun 2023 10:54

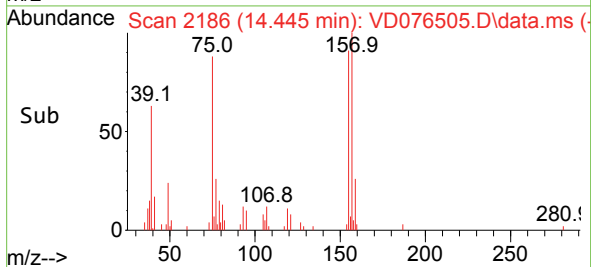
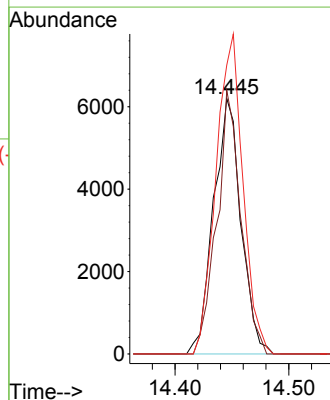
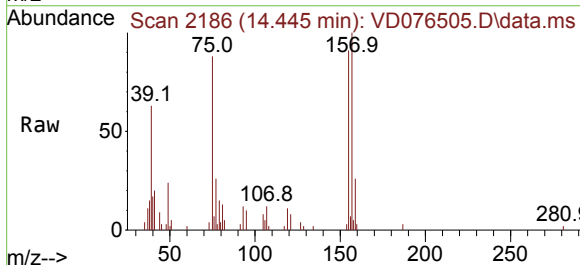
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

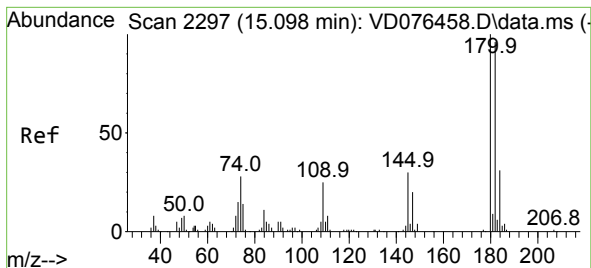
Tgt Ion:146 Resp: 162715
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.3 54.8
 148 61.3 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.097 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.000 min
 Lab File: VD076505.D
 Acq: 21 Jun 2023 10:54

Tgt Ion: 75 Resp: 10386
 Ion Ratio Lower Upper
 75 100
 155 90.9 47.9 143.8
 157 123.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 55.109 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

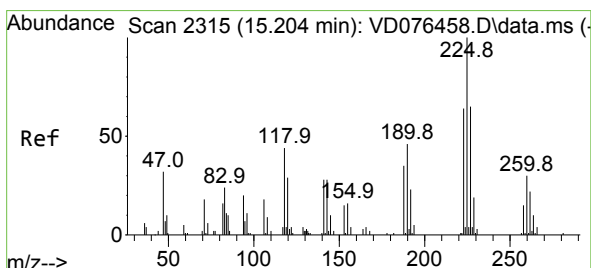
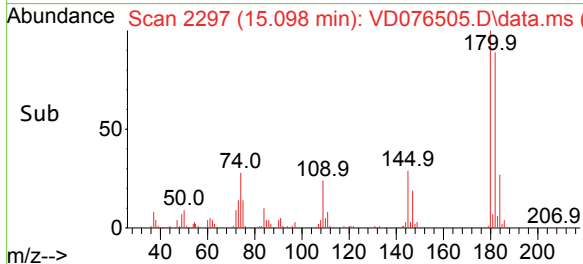
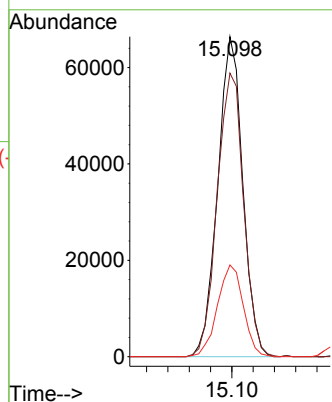
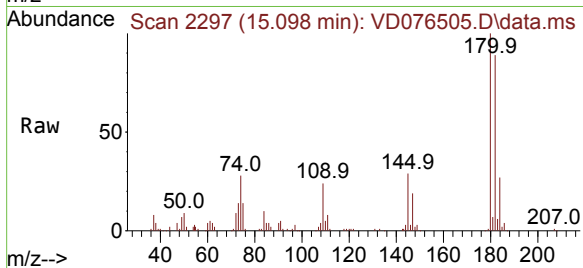
Tgt Ion:180 Resp: 108129

Ion Ratio Lower Upper

180 100

182 93.5 48.5 145.6

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 59.615 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

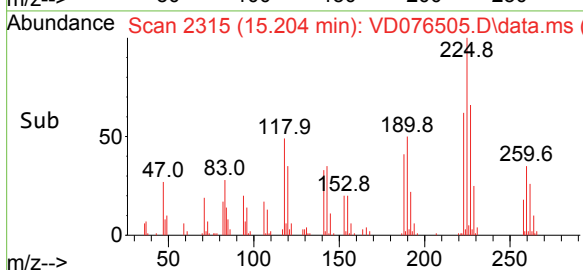
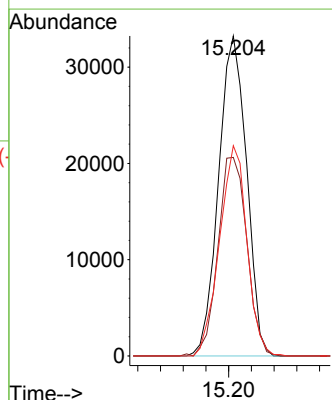
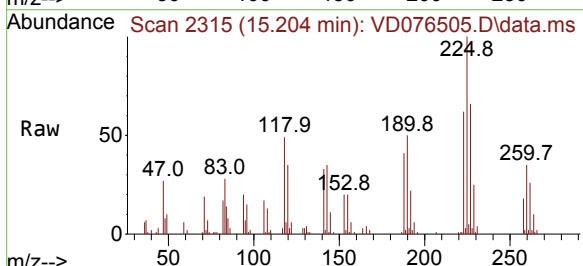
Tgt Ion:225 Resp: 56868

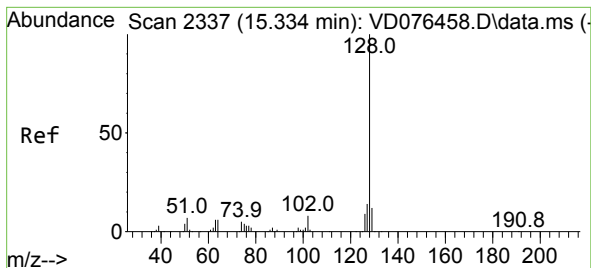
Ion Ratio Lower Upper

225 100

223 64.1 31.6 94.8

227 64.2 31.7 95.1





#95

Naphthalene

Concen: 51.214 ug/l

RT: 15.334 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

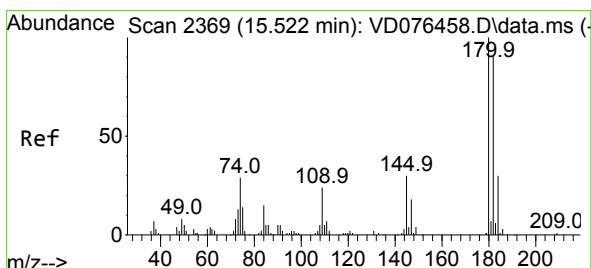
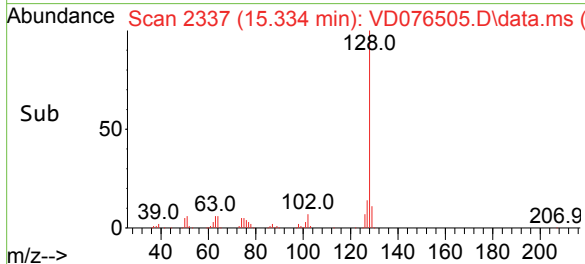
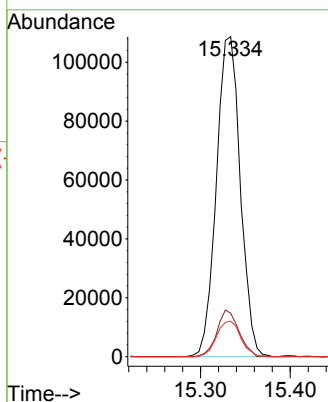
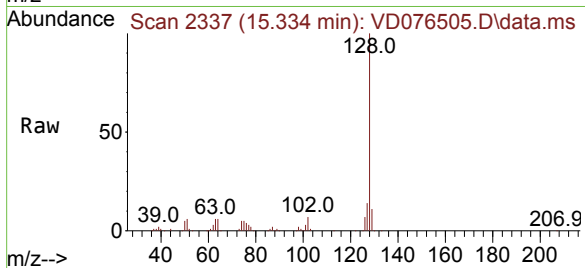
Tgt Ion:128 Resp: 200940

Ion Ratio Lower Upper

128 100

127 13.6 10.5 15.7

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 55.047 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076505.D

Acq: 21 Jun 2023 10:54

Tgt Ion:180 Resp: 94102

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.9

145 29.9 15.1 45.3

