

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080823\
 Data File : VD076950.D
 Acq On : 08 Aug 2023 13:07
 Operator : KP/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: Aug 09 05:39:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 05:34:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	169790	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	316871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	295046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	137521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	17251	12.880	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	25.760%#
35) Dibromofluoromethane	7.805	113	19904	11.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	23.360%#
50) Toluene-d8	10.269	98	63530	11.611	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	23.220%#
62) 4-Bromofluorobenzene	12.575	95	21682	11.335	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	22.680%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	12003	11.157	ug/l	91
3) Chloromethane	2.146	50	16944	11.764	ug/l	96
4) Vinyl Chloride	2.275	62	24366	11.481	ug/l	99
5) Bromomethane	2.681	94	21853	11.385	ug/l	97
6) Chloroethane	2.828	64	19957	11.446	ug/l	94
7) Trichlorofluoromethane	3.169	101	26809	11.596	ug/l	94
8) Diethyl Ether	3.593	74	8678	11.665	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.975	101	17819	11.254	ug/l	96
10) Methyl Iodide	4.158	142	16253	10.659	ug/l	93
11) Tert butyl alcohol	5.058	59	6174	49.643	ug/l	# 85
12) 1,1-Dichloroethene	3.934	96	14737	11.341	ug/l	88
13) Acrolein	3.793	56	3403	58.764	ug/l	97
14) Allyl chloride	4.564	41	17286	10.832	ug/l	94
15) Acrylonitrile	5.252	53	20670	55.876	ug/l	96
16) Acetone	4.028	43	18932	55.476	ug/l	90
17) Carbon Disulfide	4.269	76	23551	10.707	ug/l	100
18) Methyl Acetate	4.558	43	14546	11.630	ug/l	93
19) Methyl tert-butyl Ether	5.328	73	40869	11.142	ug/l	95
20) Methylene Chloride	4.793	84	40766	10.736	ug/l	# 89
21) trans-1,2-Dichloroethene	5.311	96	16807	11.323	ug/l	98
22) Diisopropyl ether	6.216	45	47682	11.437	ug/l	93
23) Vinyl Acetate	6.158	43	91040	46.561	ug/l	96
24) 1,1-Dichloroethane	6.105	63	33458	11.228	ug/l	# 94
25) 2-Butanone	7.087	43	26700	59.596	ug/l	# 81
26) 2,2-Dichloropropane	7.075	77	31526	11.653	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	23859	11.714	ug/l	96
28) Bromochloromethane	7.428	49	15490	10.877	ug/l	91
29) Tetrahydrofuran	7.446	42	14777	59.066	ug/l	89
30) Chloroform	7.593	83	40063	11.784	ug/l	94
31) Cyclohexane	7.875	56	21739	10.900	ug/l	# 86
32) 1,1,1-Trichloroethane	7.787	97	31353	11.237	ug/l	99
36) 1,1-Dichloropropene	8.005	75	22302	10.587	ug/l	96
37) Ethyl Acetate	7.163	43	11163	11.484	ug/l	# 72
38) Carbon Tetrachloride	7.981	117	24426	10.834	ug/l	85
39) Methylcyclohexane	9.275	83	22341	10.010	ug/l	94
40) Benzene	8.252	78	72774	10.744	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	3650	6.959	ug/l #	58
42) 1,2-Dichloroethane	8.322	62	20341	11.141	ug/l	100
43) Isopropyl Acetate	8.357	43	19743	10.808	ug/l	94
44) Trichloroethene	9.028	130	20310	10.861	ug/l	88
45) 1,2-Dichloropropane	9.304	63	20235	11.085	ug/l	96
46) Dibromomethane	9.393	93	11740	10.763	ug/l	94
47) Bromodichloromethane	9.581	83	31493	11.255	ug/l	97
48) Methyl methacrylate	9.387	41	8755	10.900	ug/l #	75
49) 1,4-Dioxane	9.381	88	2623	205.739	ug/l #	88
51) 4-Methyl-2-Pentanone	10.163	43	53943	53.500	ug/l	91
52) Toluene	10.334	92	46794	10.519	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	26230	10.745	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	30679	10.836	ug/l	92
55) 1,1,2-Trichloroethane	10.734	97	16919	10.452	ug/l	94
56) Ethyl methacrylate	10.598	69	17247	10.280	ug/l #	88
57) 1,3-Dichloropropane	10.875	76	27589	10.971	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	35346	56.042	ug/l	95
59) 2-Hexanone	10.922	43	35673	51.976	ug/l	93
60) Dibromochloromethane	11.075	129	21075	10.795	ug/l	90
61) 1,2-Dibromoethane	11.187	107	16157	11.224	ug/l	93
64) Tetrachloroethene	10.816	164	15525	10.453	ug/l	95
65) Chlorobenzene	11.610	112	57074	10.934	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	22722	11.032	ug/l	97
67) Ethyl Benzene	11.687	91	90293	10.253	ug/l	95
68) m/p-Xylenes	11.793	106	71510	20.908	ug/l	94
69) o-Xylene	12.122	106	34271	10.448	ug/l	94
70) Styrene	12.134	104	60378	10.325	ug/l	97
71) Bromoform	12.298	173	12477	10.927	ug/l #	99
73) Isopropylbenzene	12.422	105	89760	10.372	ug/l	97
74) N-amyl acetate	12.234	43	18366	10.652	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	22192	11.638	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	24386	18.903	ug/l #	100
77) Bromobenzene	12.698	156	22785	10.820	ug/l	92
78) n-propylbenzene	12.763	91	110707	10.516	ug/l	98
79) 2-Chlorotoluene	12.851	91	61945	10.703	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	74024	10.538	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	6077	11.067	ug/l	97
82) 4-Chlorotoluene	12.951	91	65004	10.731	ug/l	94
83) tert-Butylbenzene	13.169	119	67553	10.488	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	76235	10.651	ug/l	93
85) sec-Butylbenzene	13.345	105	103918	10.680	ug/l	98
86) p-Isopropyltoluene	13.463	119	83267	10.361	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	47118	10.787	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	48845	11.216	ug/l	95
89) n-Butylbenzene	13.787	91	78854	10.300	ug/l	100
90) Hexachloroethane	14.051	117	18403	11.332	ug/l	89
91) 1,2-Dichlorobenzene	13.834	146	43632	11.235	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2797	10.788	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	25169	10.479	ug/l	99
94) Hexachlorobutadiene	15.210	225	13185	10.973	ug/l	97
95) Naphthalene	15.334	128	49073	10.045	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	21975	10.261	ug/l	92

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QLast Update : Wed Aug 09 05:34:08 2023
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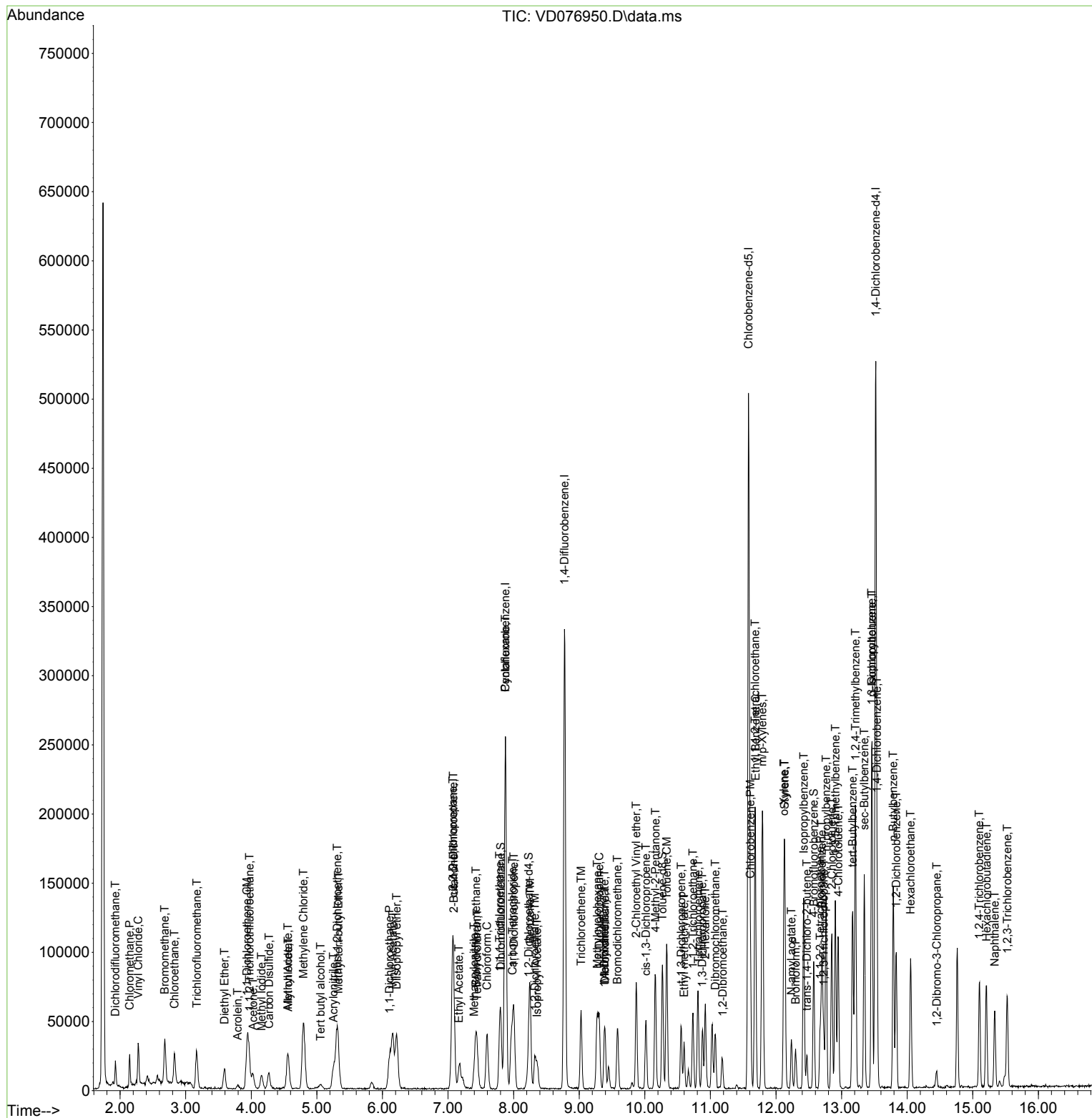
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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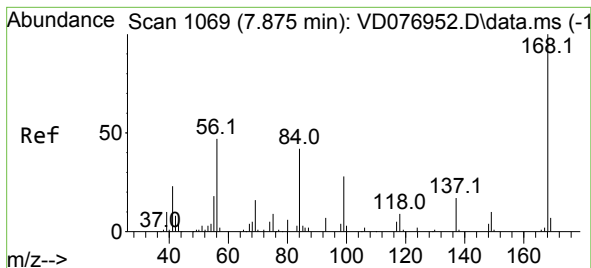
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076950.D

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Instrument :

MSVOA_D

ClientSampleId :

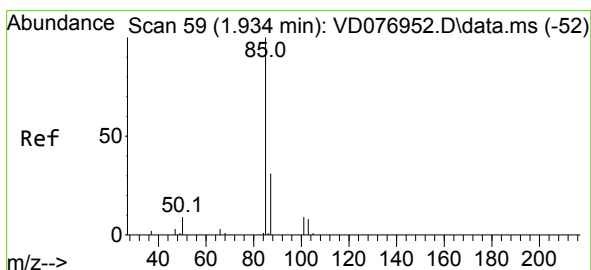
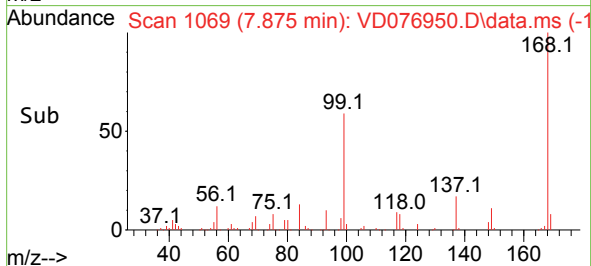
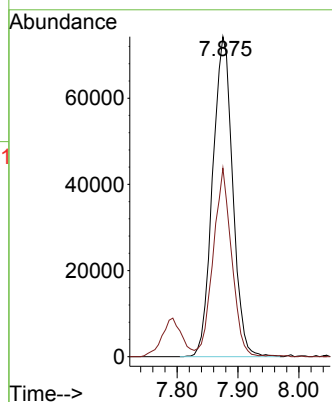
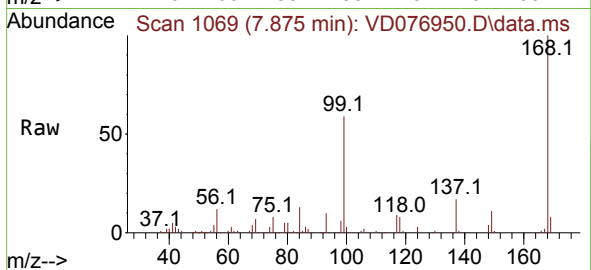
VSTDIC010

Tgt Ion:168 Resp: 169790

Ion Ratio Lower Upper

168 100

99 58.5 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 11.157 ug/l

RT: 1.928 min Scan# 58

Delta R.T. -0.006 min

Lab File: VD076950.D

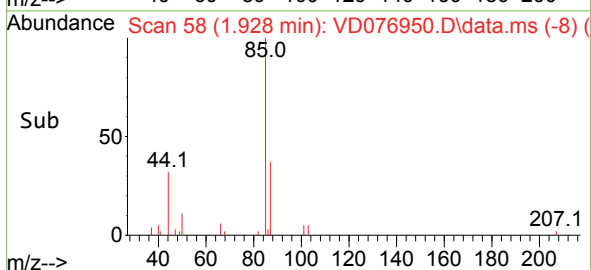
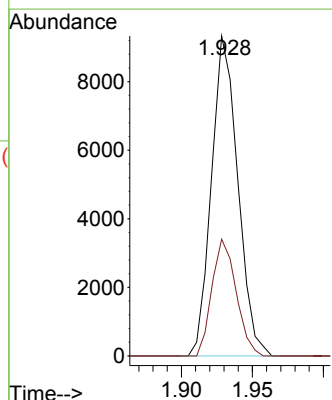
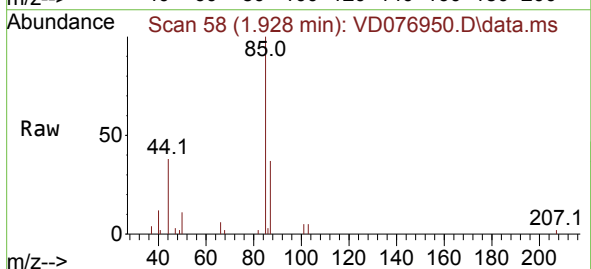
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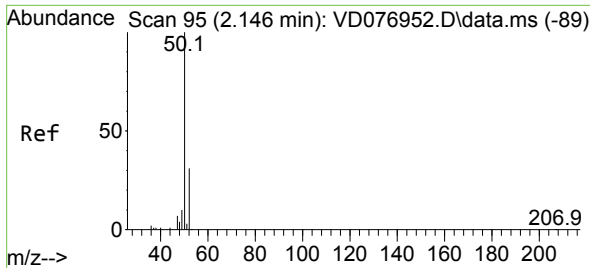
Tgt Ion: 85 Resp: 12003

Ion Ratio Lower Upper

85 100

87 36.5 15.7 47.0

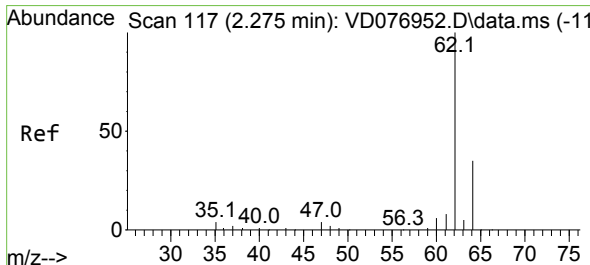
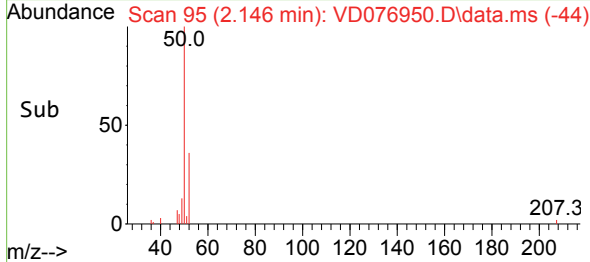
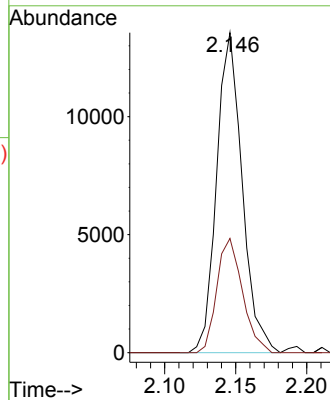
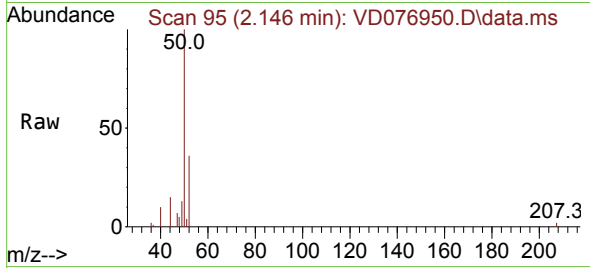




#3
Chloromethane
Concen: 11.764 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

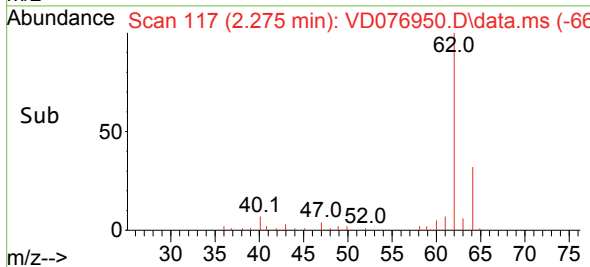
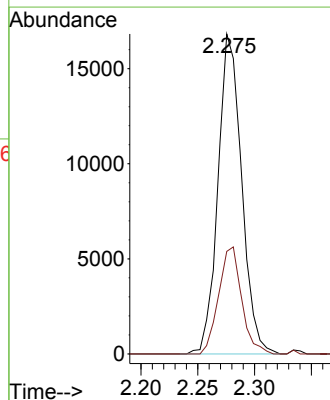
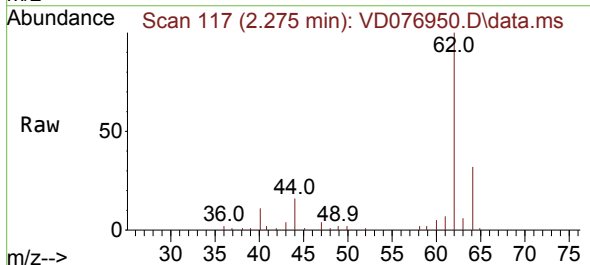
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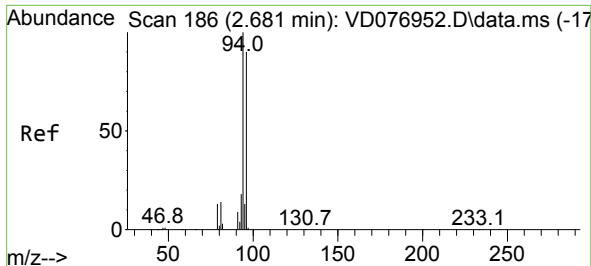
Tgt Ion: 50 Resp: 16944
Ion Ratio Lower Upper
50 100
52 35.7 26.6 40.0



#4
Vinyl Chloride
Concen: 11.481 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion: 62 Resp: 24366
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0

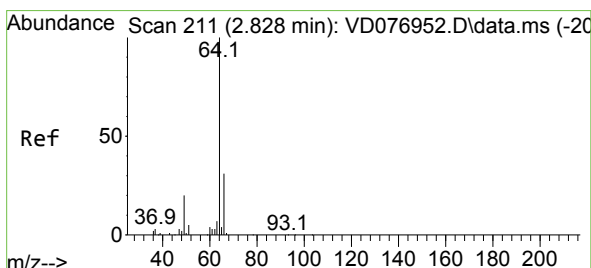
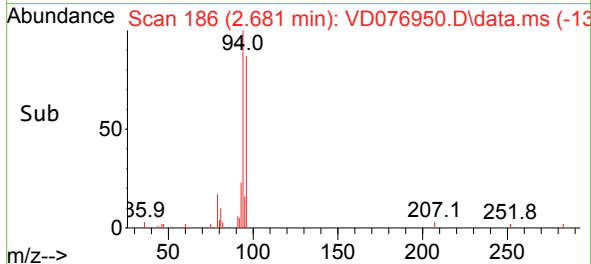
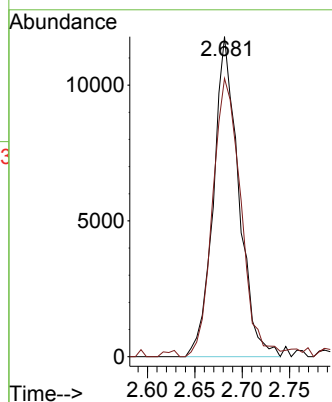
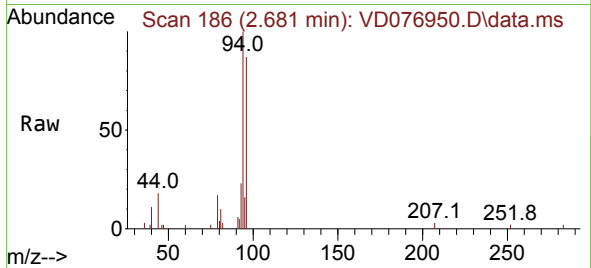




#5
Bromomethane
Concen: 11.385 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076950.D
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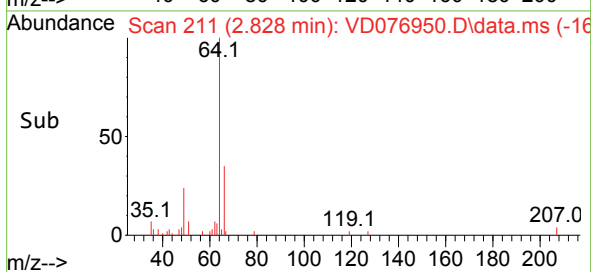
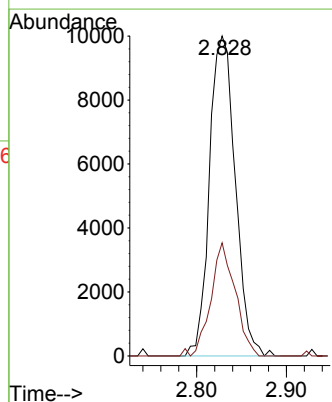
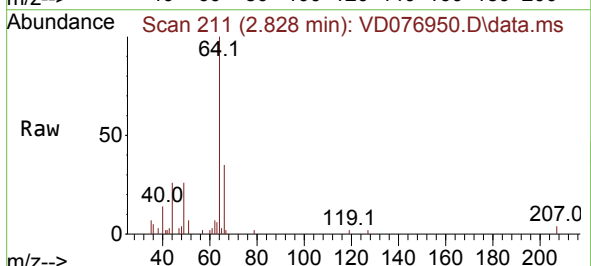
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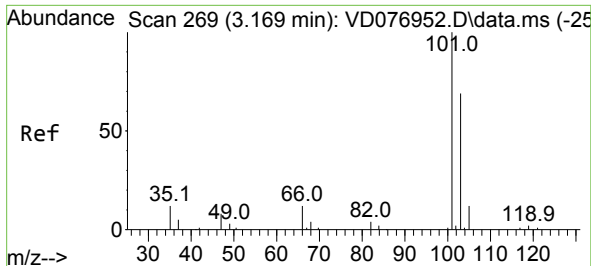
Tgt Ion: 94 Resp: 21853
Ion Ratio Lower Upper
94 100
96 97.5 75.8 113.8



#6
Chloroethane
Concen: 11.446 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion: 64 Resp: 19957
Ion Ratio Lower Upper
64 100
66 35.4 25.5 38.3

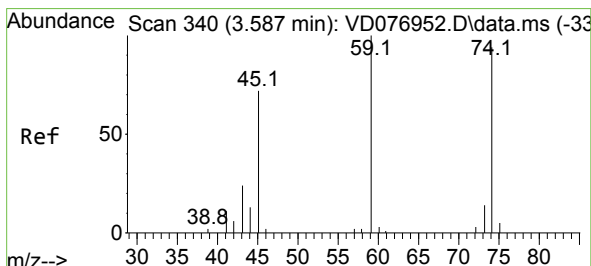
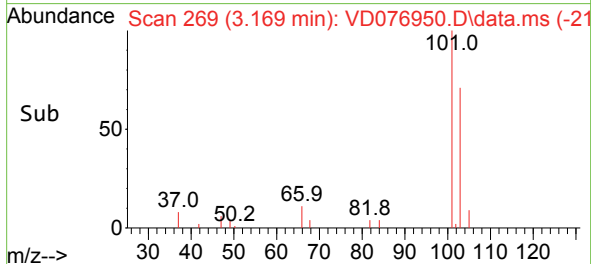
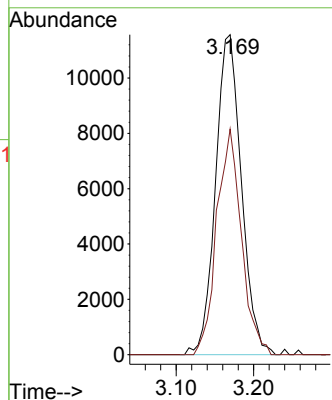
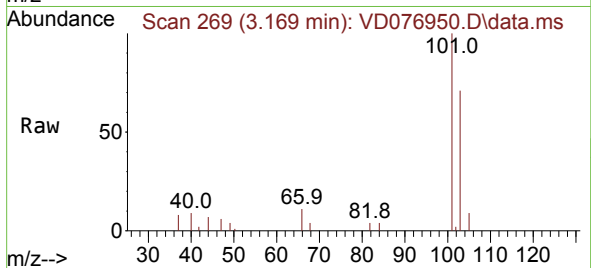




#7
 Trichlorofluoromethane
 Concen: 11.596 ug/l
 RT: 3.169 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VD076950.D
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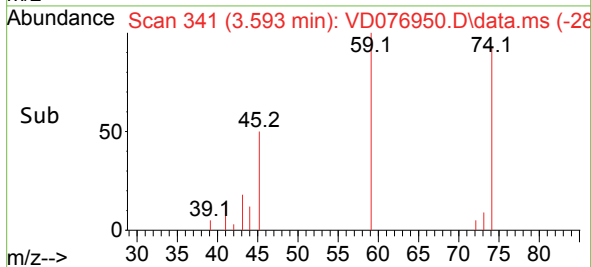
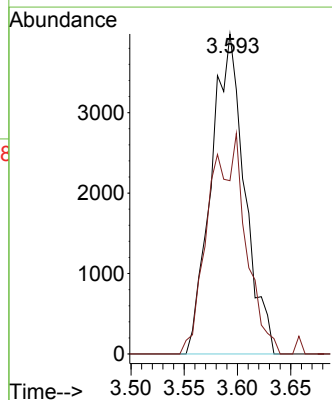
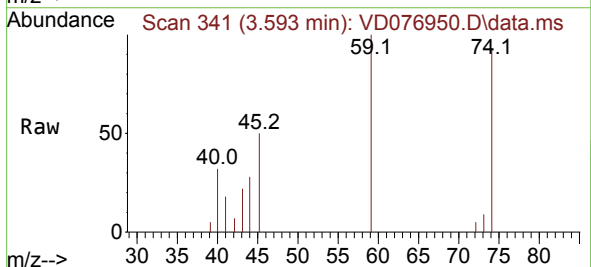
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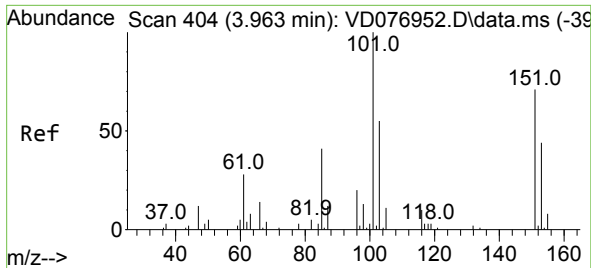
Tgt Ion:101 Resp: 26809
 Ion Ratio Lower Upper
 101 100
 103 70.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 11.665 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 8678
 Ion Ratio Lower Upper
 74 100
 45 76.5 37.5 112.7

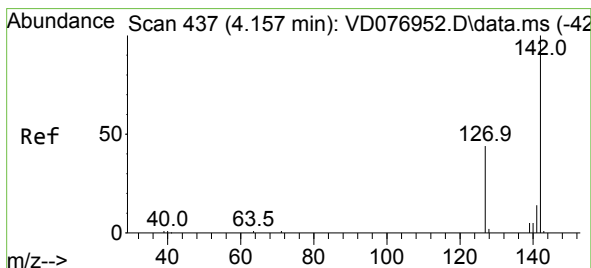
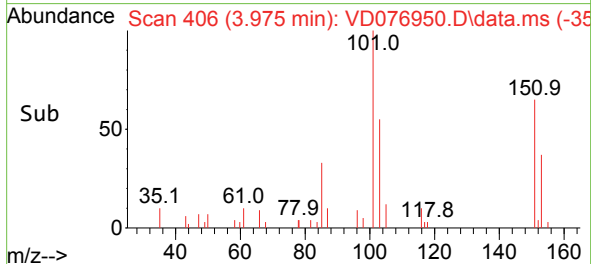
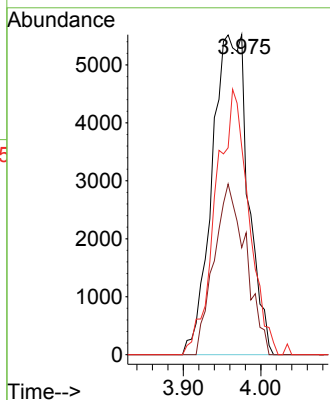
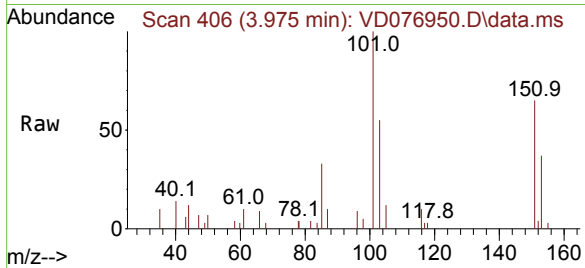




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.254 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

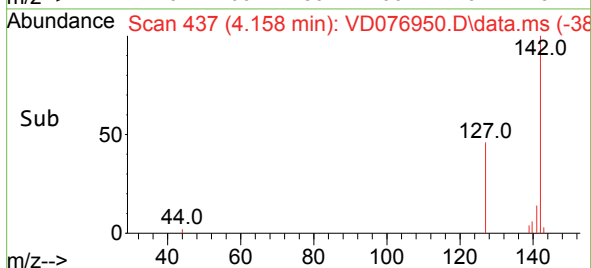
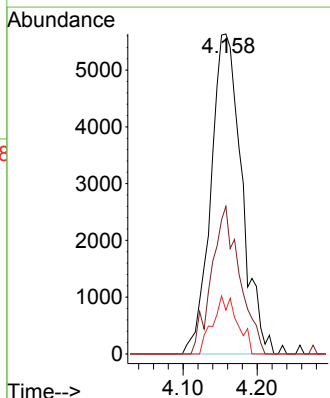
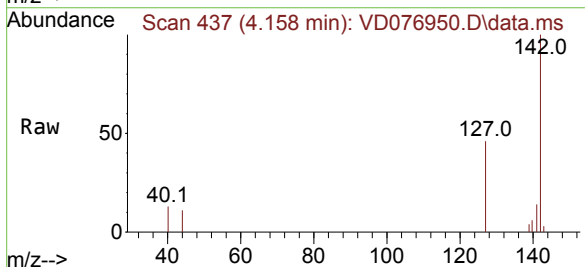
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

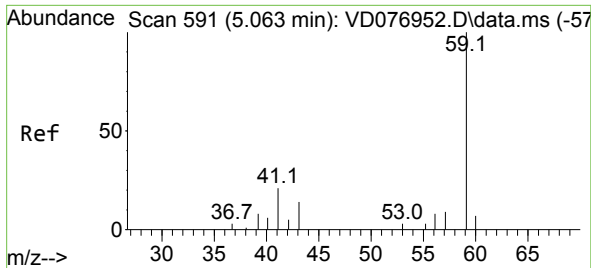
Tgt Ion:101 Resp: 17819
Ion Ratio Lower Upper
101 100
85 47.1 33.8 50.6
151 76.6 59.8 89.6



#10
Methyl Iodide
Concen: 10.659 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion:142 Resp: 16253
Ion Ratio Lower Upper
142 100
127 42.2 29.4 44.0
141 14.5 11.1 16.7

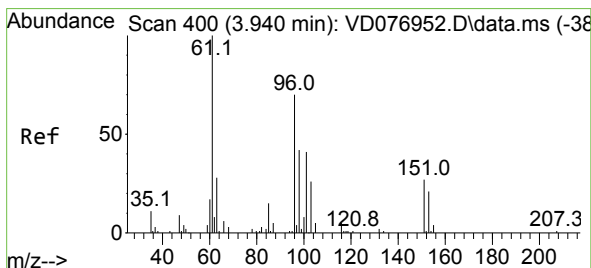
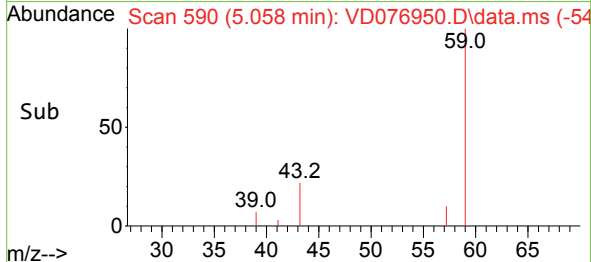
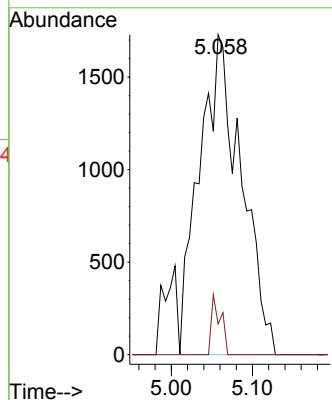
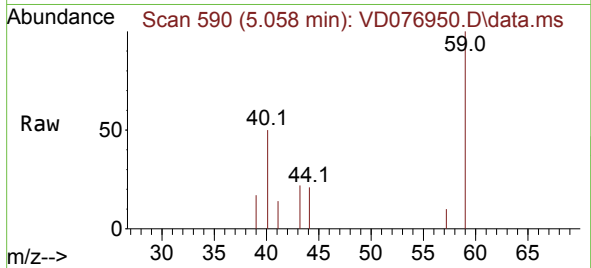




#11
Tert butyl alcohol
Concen: 49.643 ug/l
RT: 5.058 min Scan# 591
Delta R.T. -0.005 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

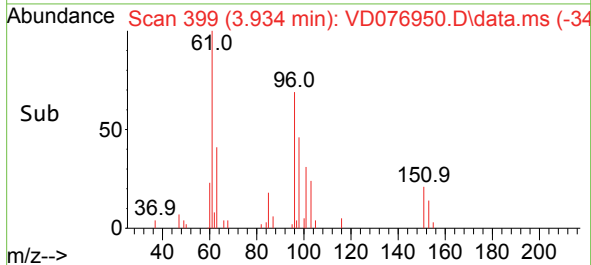
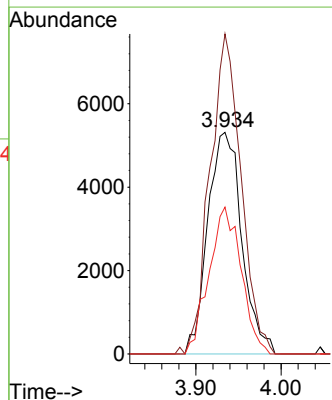
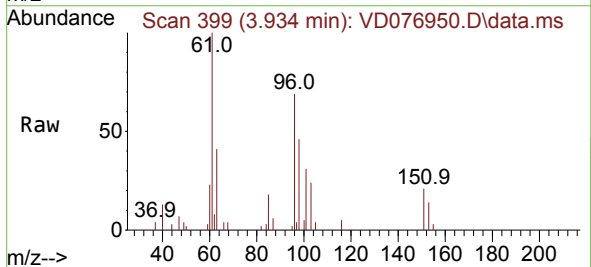
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

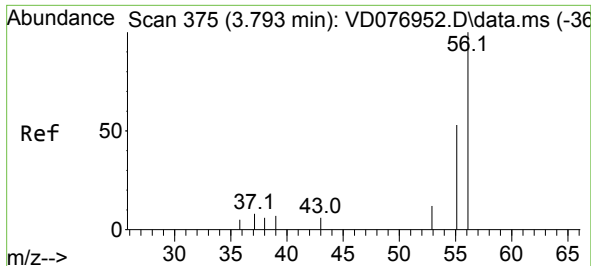
Tgt Ion: 59 Resp: 6174
Ion Ratio Lower Upper
59 100
57 4.1 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 11.341 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion: 96 Resp: 14737
Ion Ratio Lower Upper
96 100
61 144.4 100.6 150.8
98 66.3 50.2 75.2





#13

Acrolein

Concen: 58.764 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

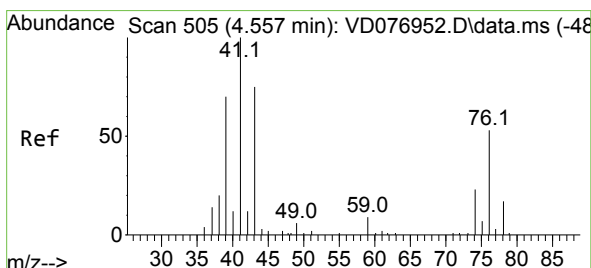
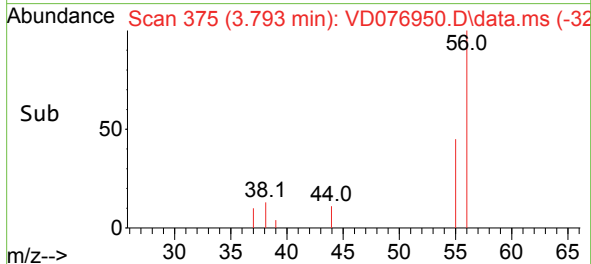
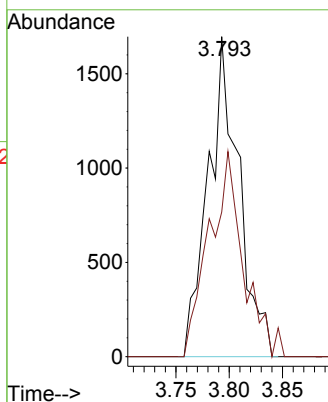
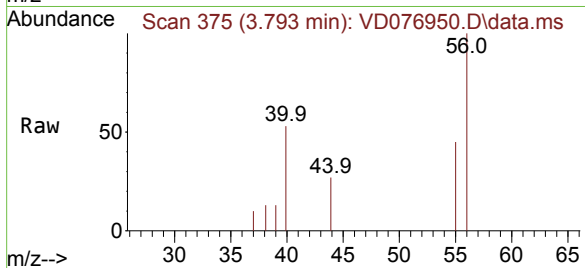
VSTDIC010

Tgt Ion: 56 Resp: 3403

Ion Ratio Lower Upper

56 100

55 71.3 55.1 82.7



#14

Allyl chloride

Concen: 10.832 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

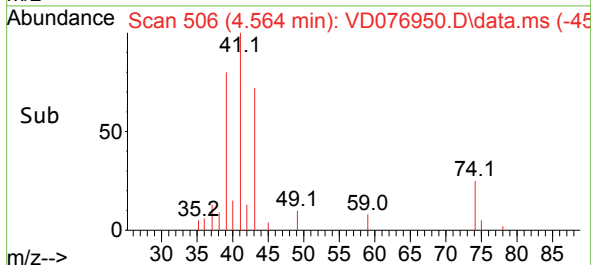
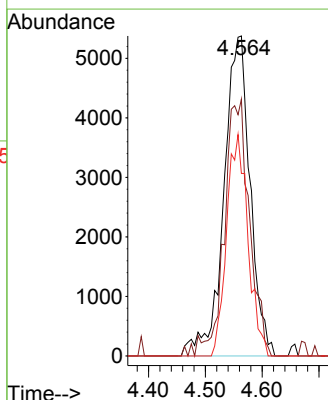
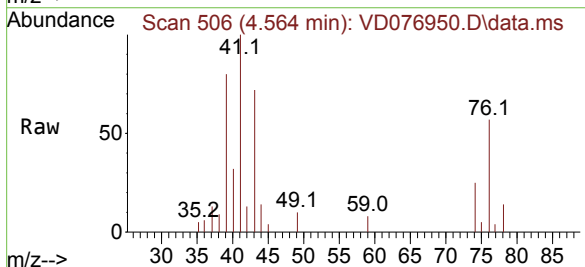
Tgt Ion: 41 Resp: 17286

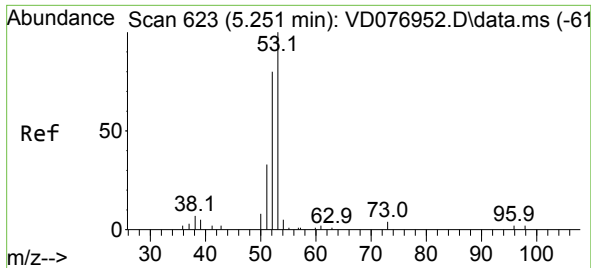
Ion Ratio Lower Upper

41 100

39 74.6 53.8 80.6

76 56.2 45.8 68.8

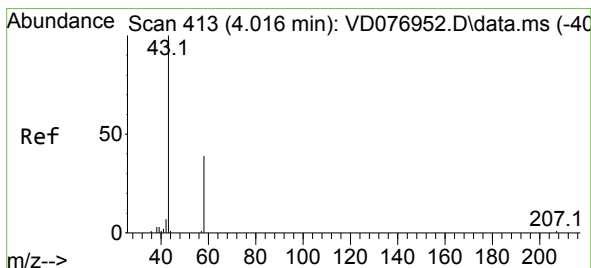
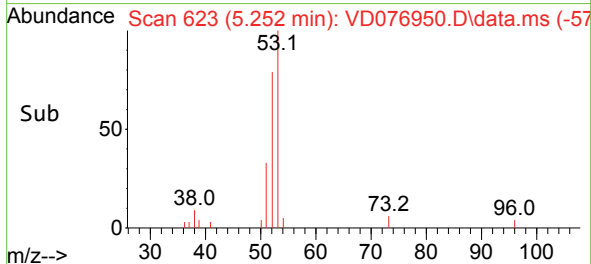
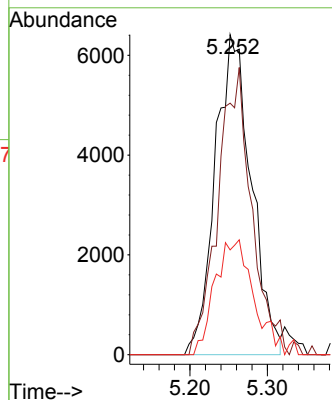
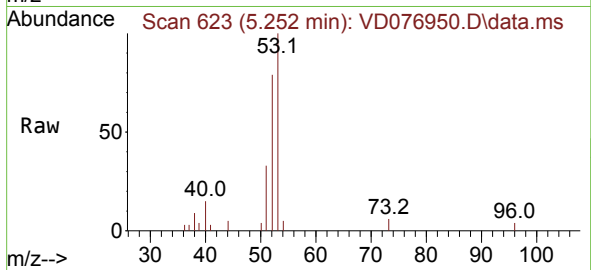




#15
Acrylonitrile
Concen: 55.876 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

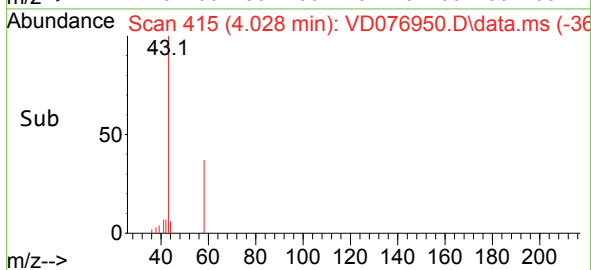
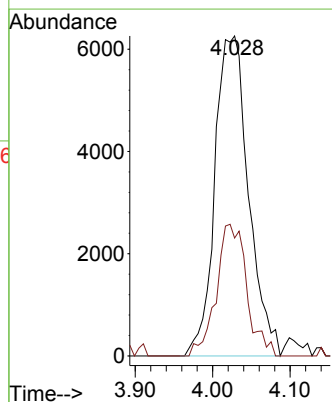
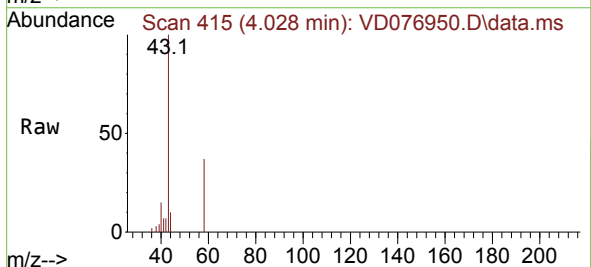
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

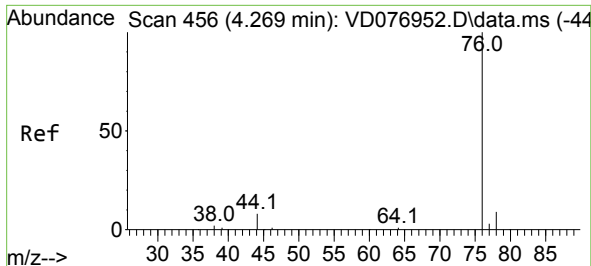
Tgt Ion: 53	Resp:	20670
Ion	Ratio	Lower Upper
53	100	
52	84.2	65.0 97.4
51	38.5	28.3 42.5



#16
Acetone
Concen: 55.476 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion: 43	Resp:	18932
Ion	Ratio	Lower Upper
43	100	
58	36.9	34.7 52.1

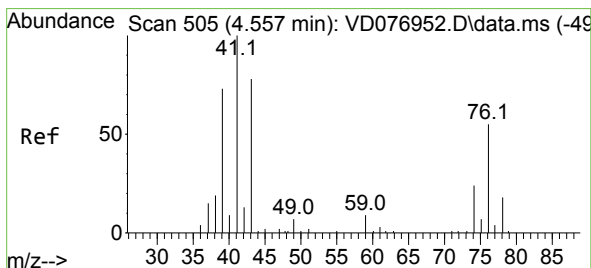
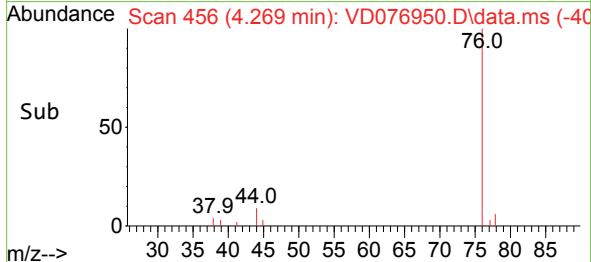
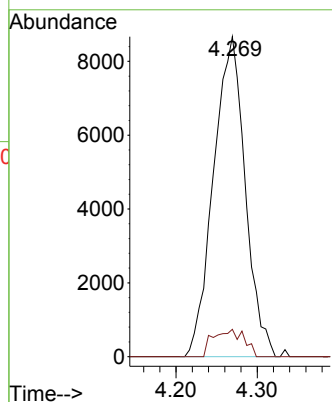
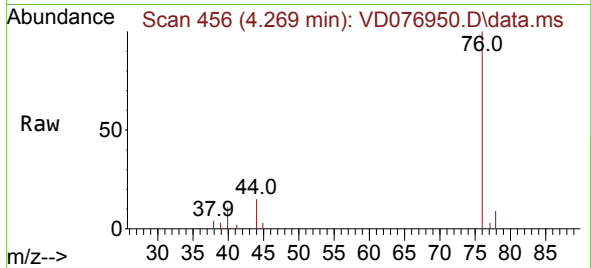




#17
Carbon Disulfide
Concen: 10.707 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

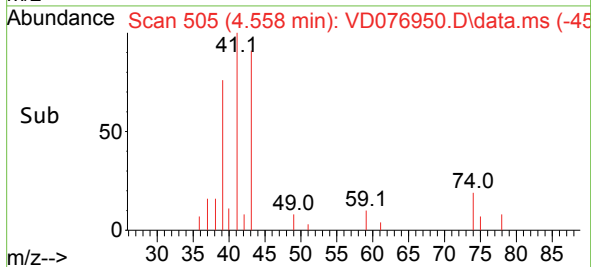
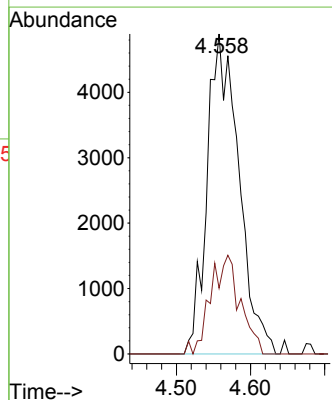
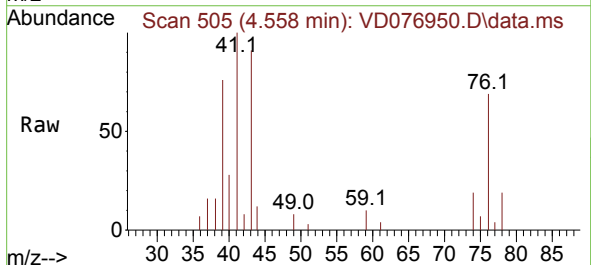
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

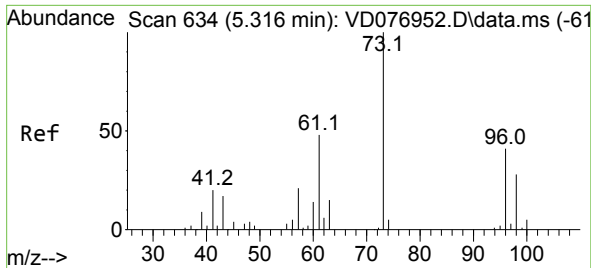
Tgt Ion: 76 Resp: 23551
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 11.630 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion: 43 Resp: 14546
Ion Ratio Lower Upper
43 100
74 28.8 26.4 39.6

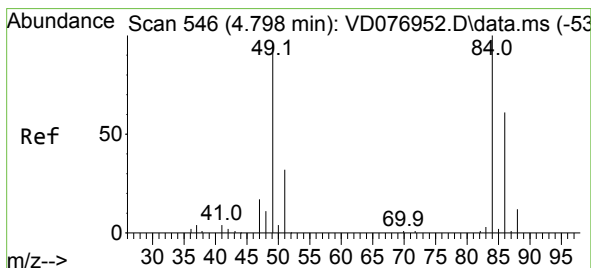
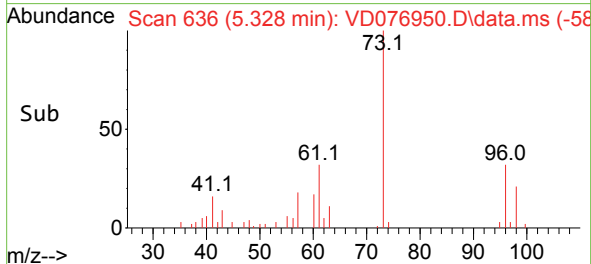
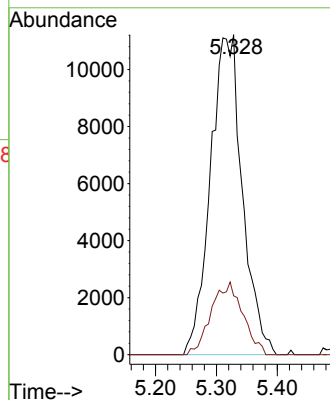
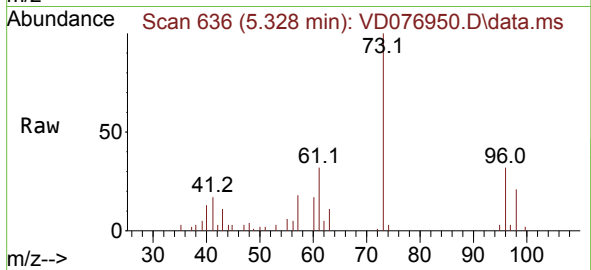




#19
Methyl tert-butyl Ether
Concen: 11.142 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

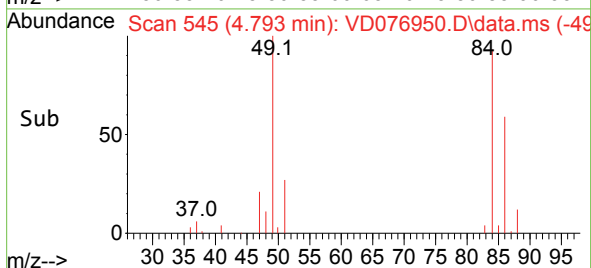
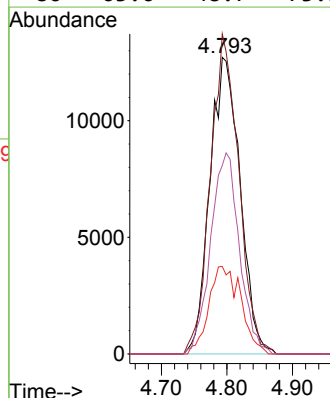
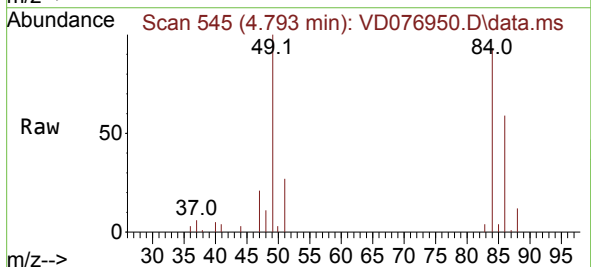
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

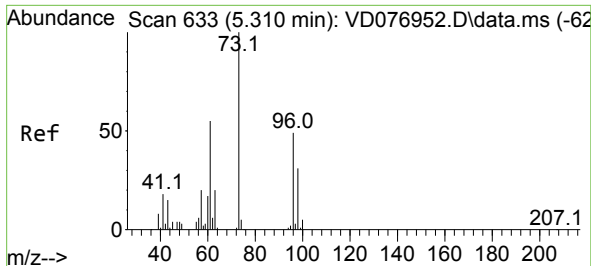
Tgt Ion: 73 Resp: 40869
Ion Ratio Lower Upper
73 100
57 18.4 16.6 25.0



#20
Methylene Chloride
Concen: 10.736 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.005 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion: 84 Resp: 40766
Ion Ratio Lower Upper
84 100
49 107.9 71.4 107.2#
51 29.5 24.5 36.7
86 63.6 48.7 73.1

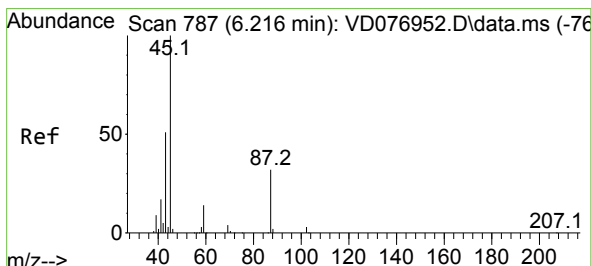
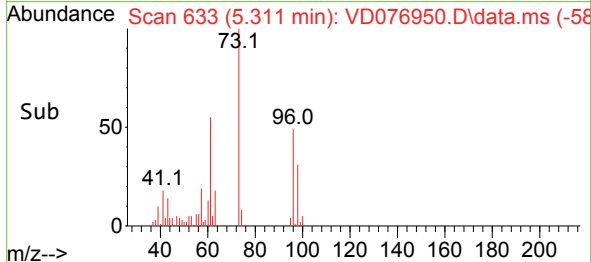
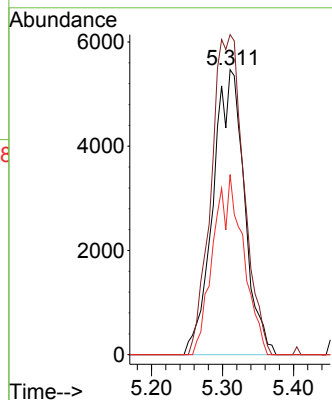
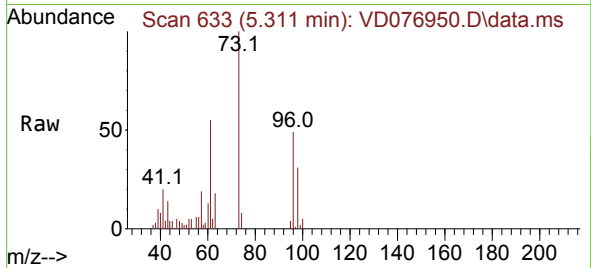




#21
trans-1,2-Dichloroethene
Concen: 11.323 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

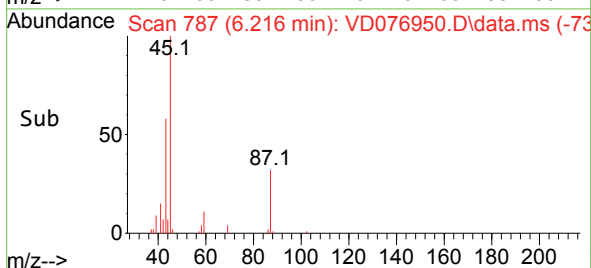
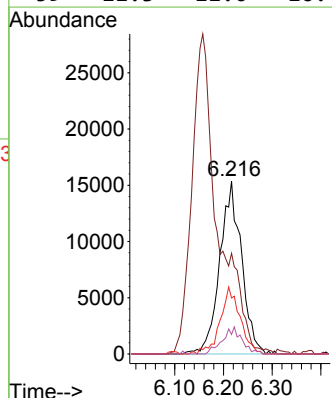
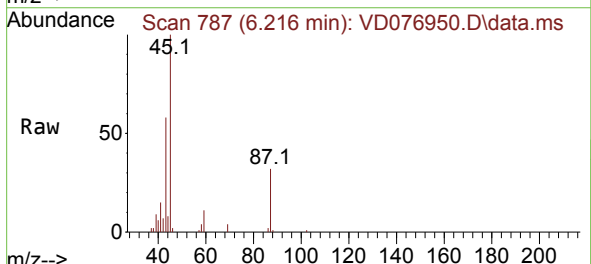
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

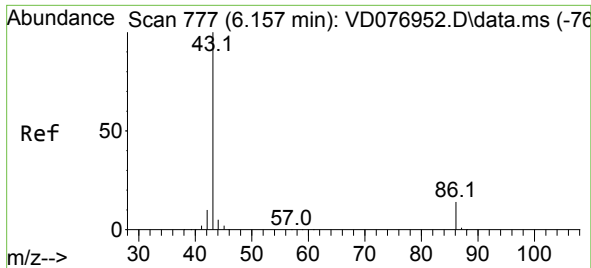
Tgt Ion: 96 Resp: 16807
Ion Ratio Lower Upper
96 100
61 112.3 89.3 133.9
98 63.2 48.6 73.0



#22
Diisopropyl ether
Concen: 11.437 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion: 45 Resp: 47682
Ion Ratio Lower Upper
45 100
43 56.4 40.0 60.0
87 32.4 28.2 42.4
59 11.3 11.0 16.4

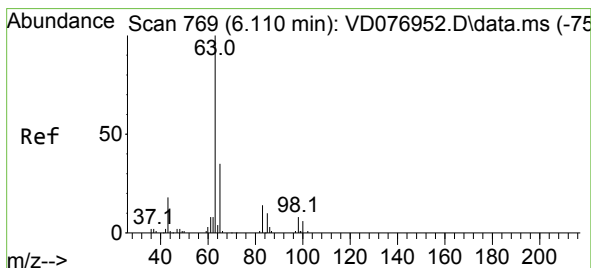
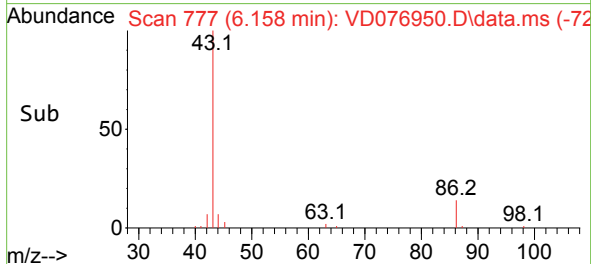
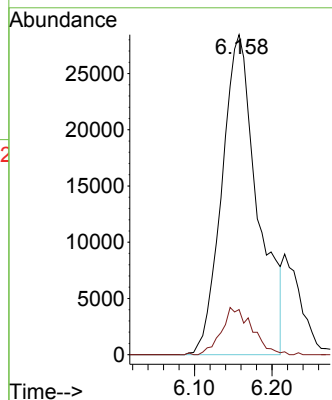
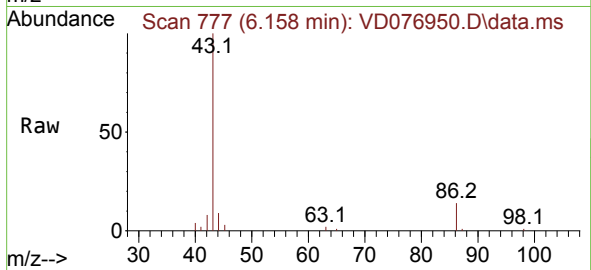




#23
 Vinyl Acetate
 Concen: 46.561 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD076950.D
 Acq: 08 Aug 2023 13:07

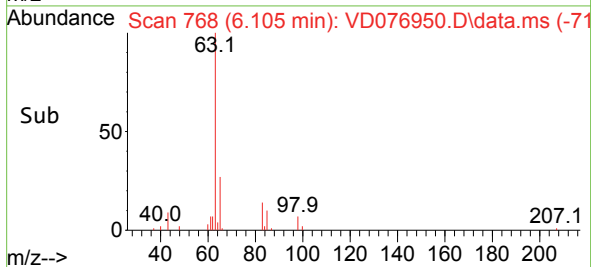
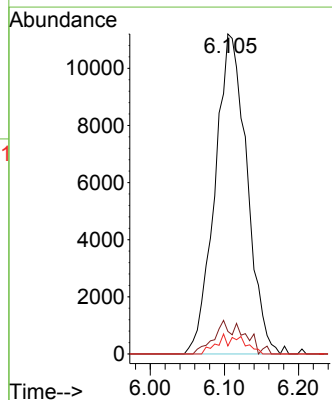
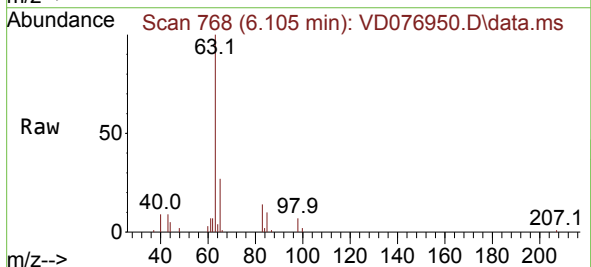
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

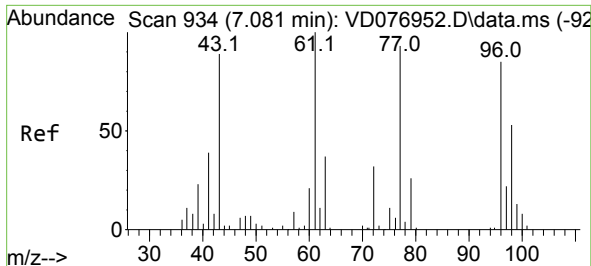
Tgt Ion: 43 Resp: 91040
 Ion Ratio Lower Upper
 43 100
 86 14.1 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 11.228 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD076950.D
 Acq: 08 Aug 2023 13:07

Tgt Ion: 63 Resp: 33458
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.5 13.7
 100 2.5 2.5 7.5#





#25

2-Butanone

Concen: 59.596 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

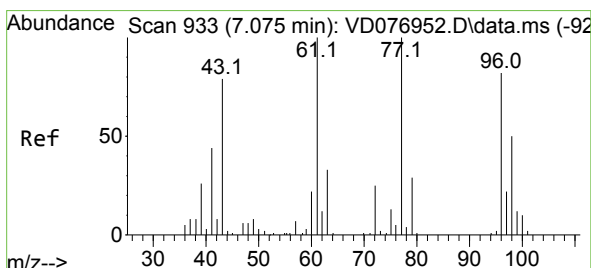
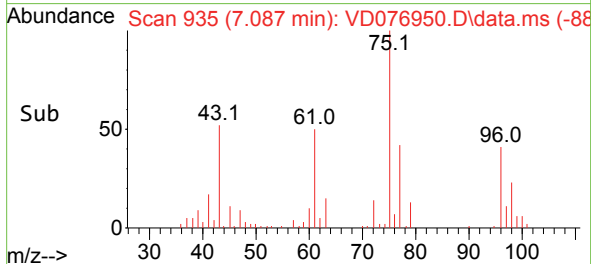
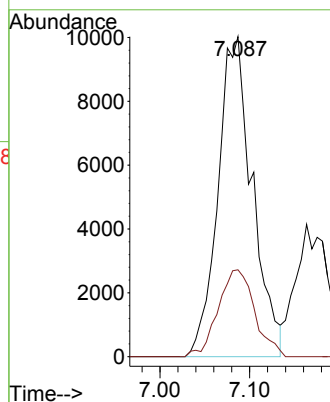
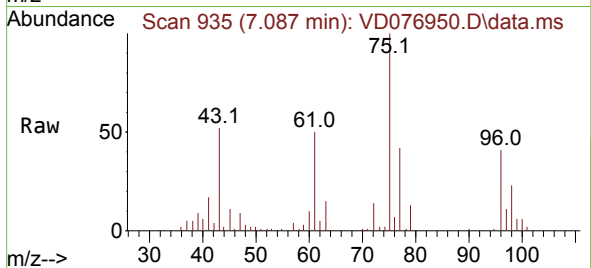
VSTDIC010

Tgt Ion: 43 Resp: 26700

Ion Ratio Lower Upper

43 100

72 27.2 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 11.653 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076950.D

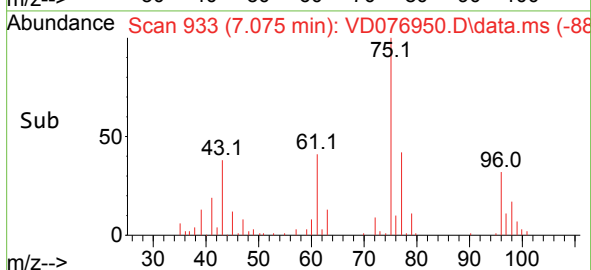
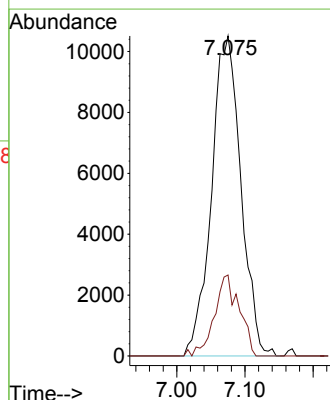
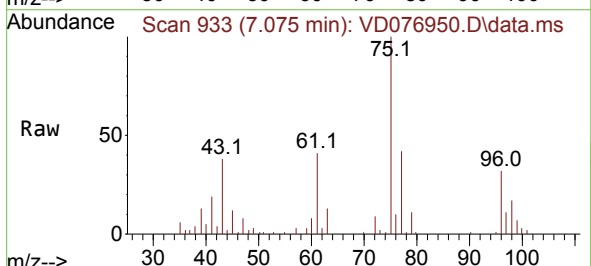
Acq: 08 Aug 2023 13:07

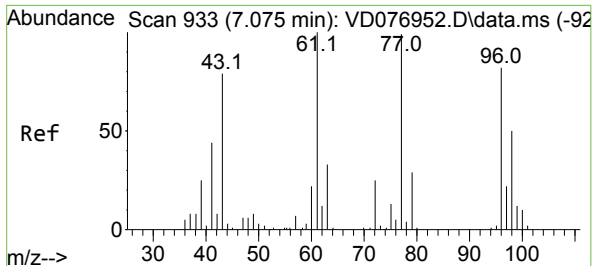
Tgt Ion: 77 Resp: 31526

Ion Ratio Lower Upper

77 100

97 21.5 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 11.714 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

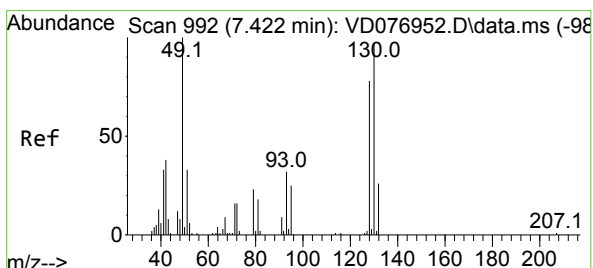
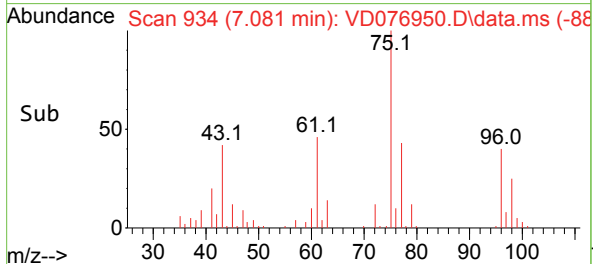
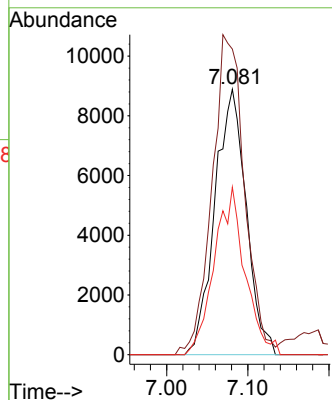
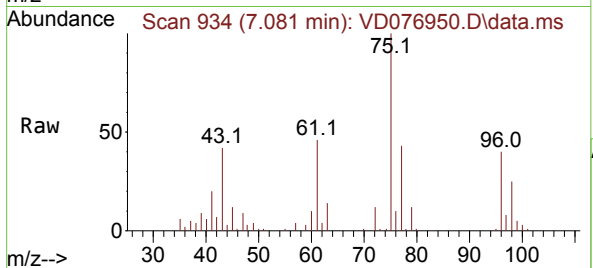
Tgt Ion: 96 Resp: 23859

Ion Ratio Lower Upper

96 100

61 124.5 0.0 239.2

98 61.8 0.0 128.6



#28

Bromochloromethane

Concen: 10.877 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

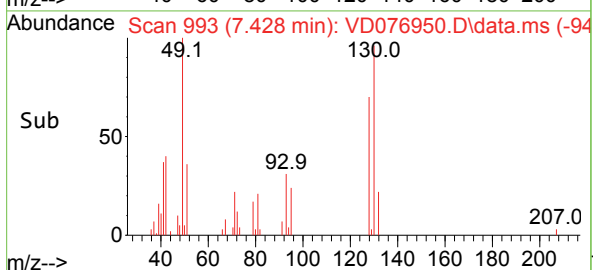
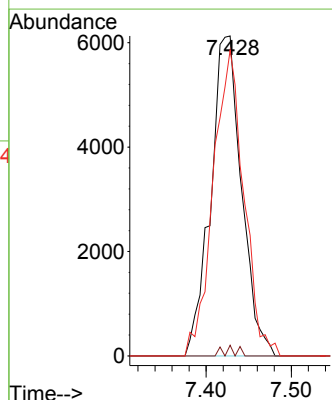
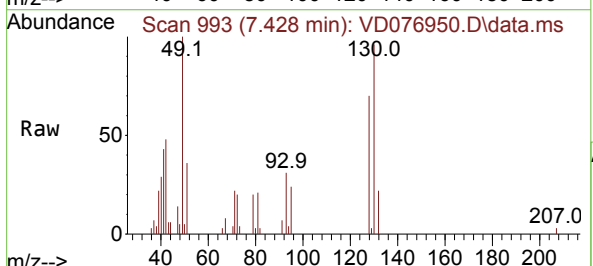
Tgt Ion: 49 Resp: 15490

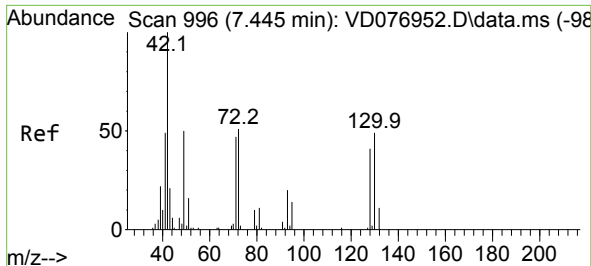
Ion Ratio Lower Upper

49 100

129 0.9 0.0 6.0

130 94.6 83.2 124.8





#29

Tetrahydrofuran

Concen: 59.066 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC010

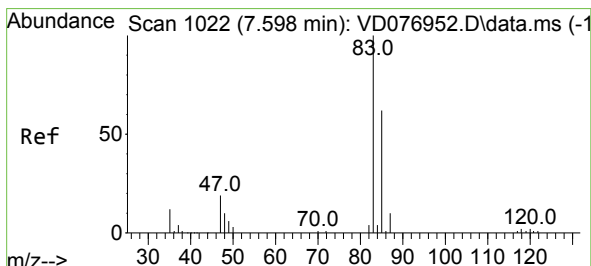
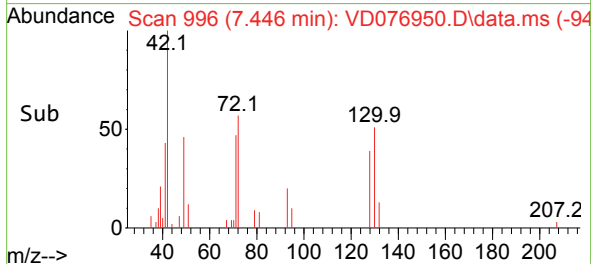
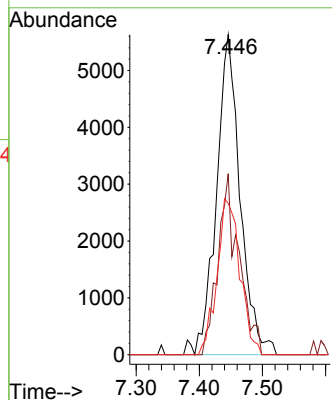
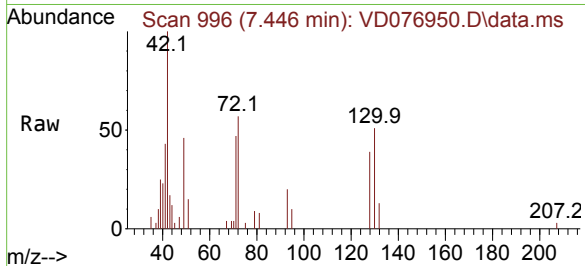
Tgt Ion: 42 Resp: 14777

Ion Ratio Lower Upper

42 100

72 50.0 46.5 69.7

71 46.9 44.5 66.7



#30

Chloroform

Concen: 11.784 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD076950.D

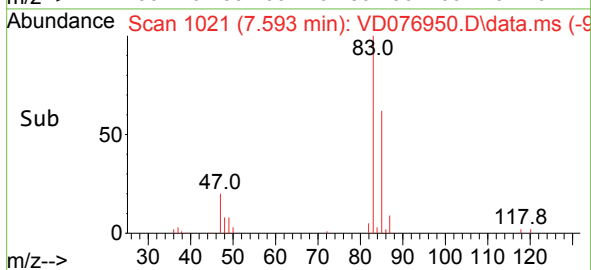
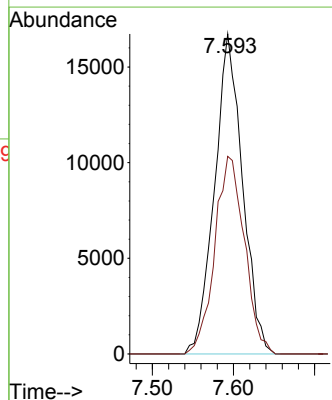
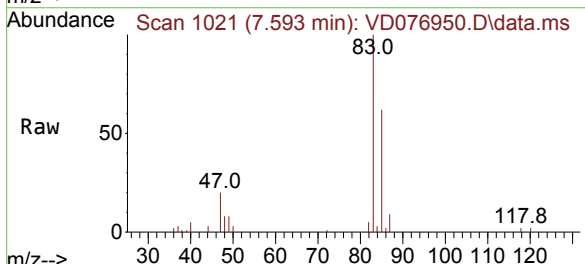
Acq: 08 Aug 2023 13:07

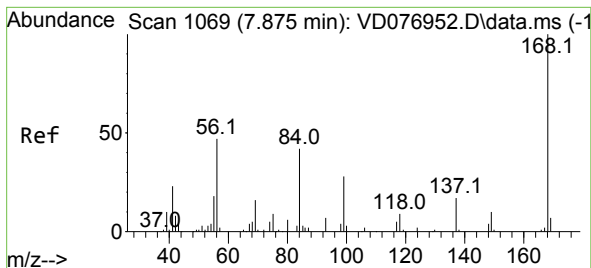
Tgt Ion: 83 Resp: 40063

Ion Ratio Lower Upper

83 100

85 61.7 53.4 80.2





#31

Cyclohexane

Concen: 10.900 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

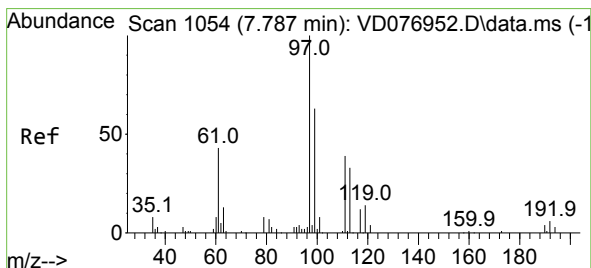
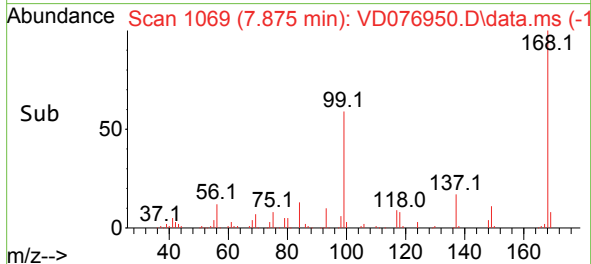
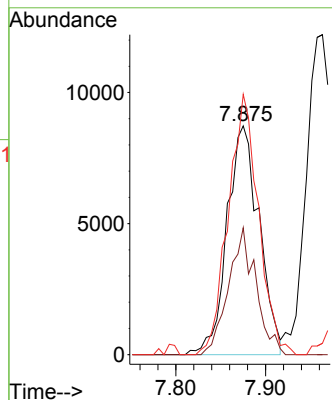
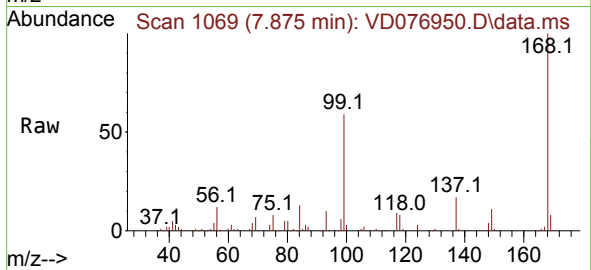
Tgt Ion: 56 Resp: 21739

Ion Ratio Lower Upper

56 100

69 55.4 28.6 43.0#

84 113.7 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 11.237 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

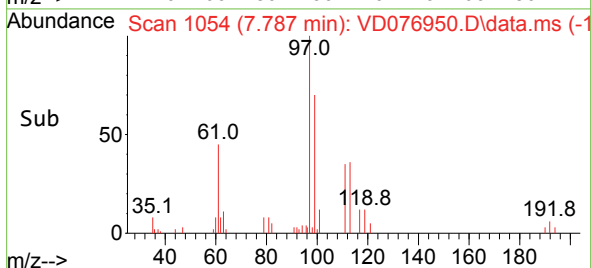
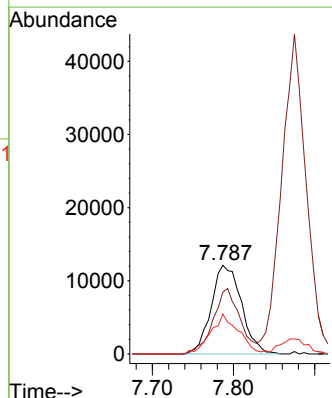
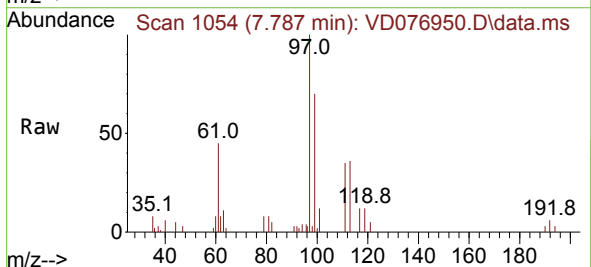
Tgt Ion: 97 Resp: 31353

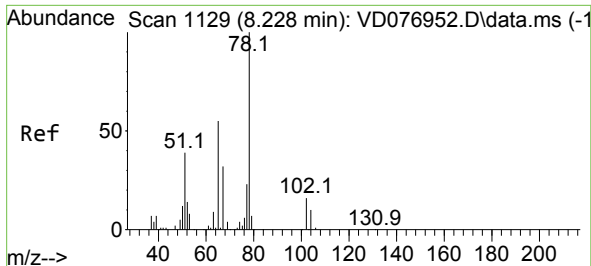
Ion Ratio Lower Upper

97 100

99 65.5 52.0 78.0

61 41.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 12.880 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

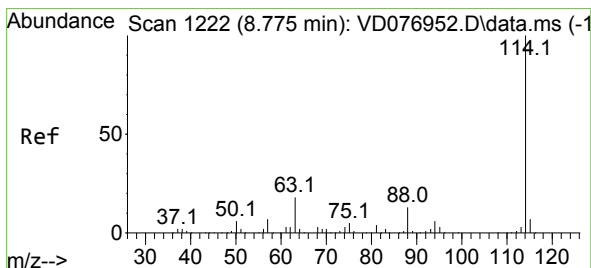
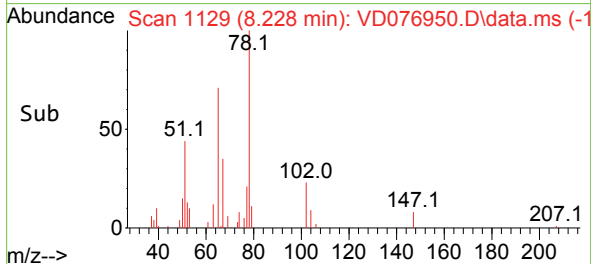
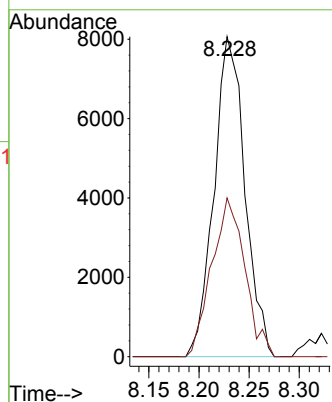
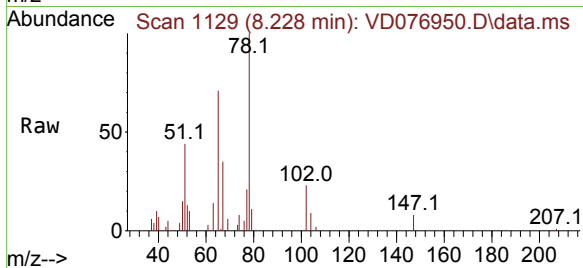
VSTDIC010

Tgt Ion: 65 Resp: 17251

Ion Ratio Lower Upper

65 100

67 53.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

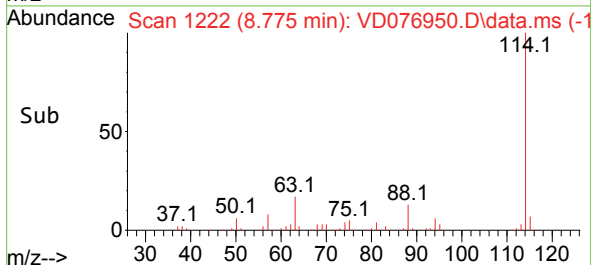
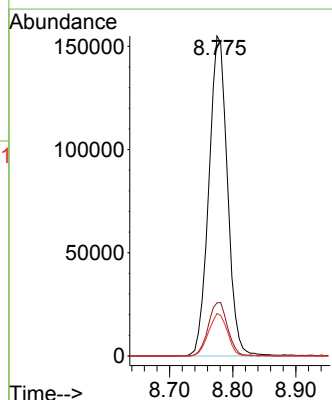
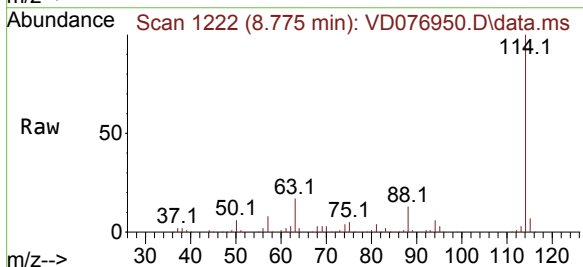
Tgt Ion: 114 Resp: 316871

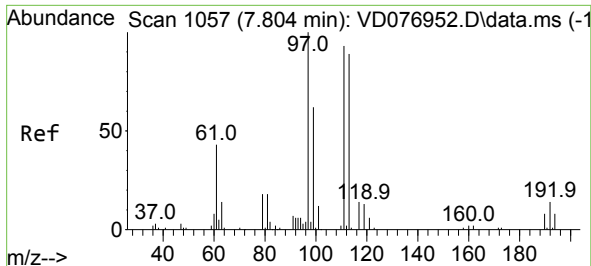
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 13.2 0.0 26.2

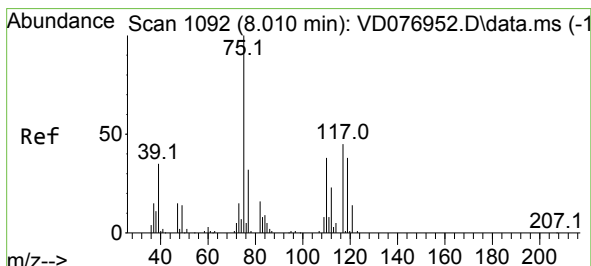
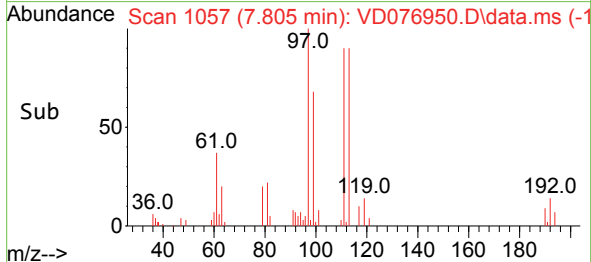
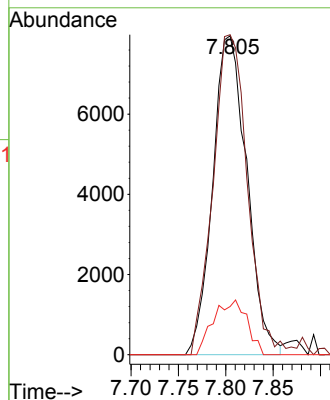
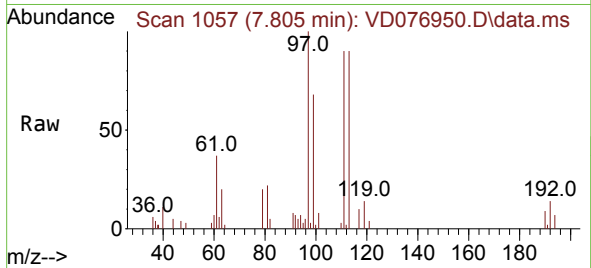




#35
 Dibromofluoromethane
 Concen: 11.684 ug/l
 RT: 7.805 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VD076950.D
 Acq: 08 Aug 2023 13:07

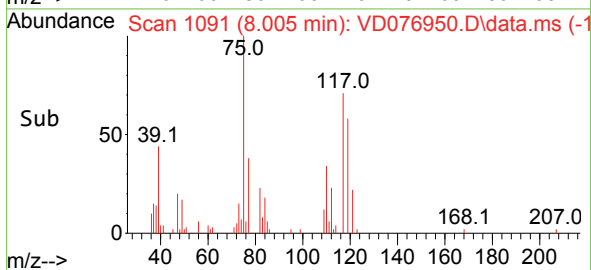
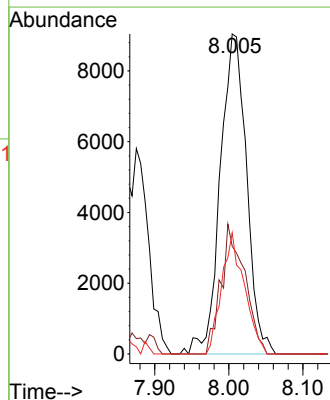
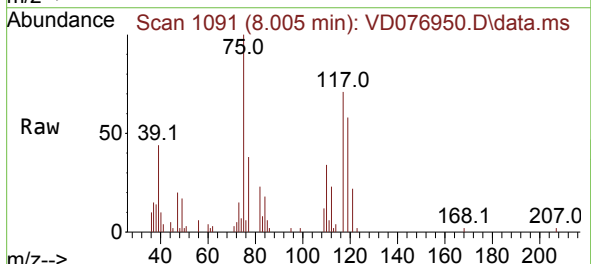
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

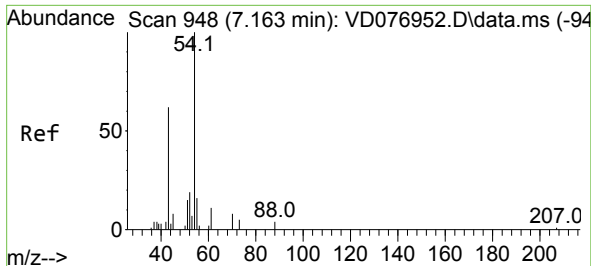
Tgt Ion:113 Resp: 19904
 Ion Ratio Lower Upper
 113 100
 111 101.0 84.7 127.1
 192 16.8 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 10.587 ug/l
 RT: 8.005 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: VD076950.D
 Acq: 08 Aug 2023 13:07

Tgt Ion: 75 Resp: 22302
 Ion Ratio Lower Upper
 75 100
 110 36.6 19.9 59.6
 77 32.8 24.7 37.1





#37

Ethyl Acetate

Concen: 11.484 ug/l

RT: 7.163 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

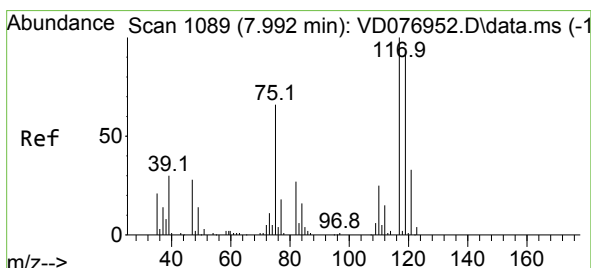
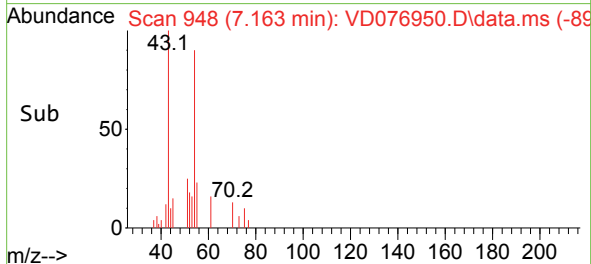
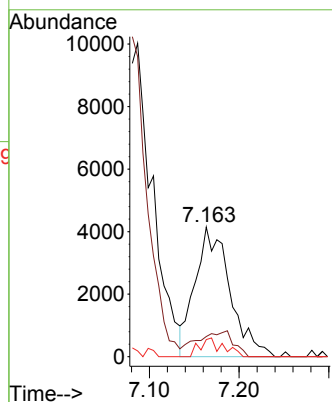
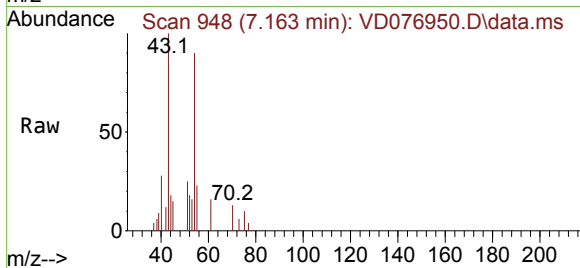
Tgt Ion: 43 Resp: 11163

Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

70 9.6 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 10.834 ug/l

RT: 7.981 min Scan# 1087

Delta R.T. -0.011 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

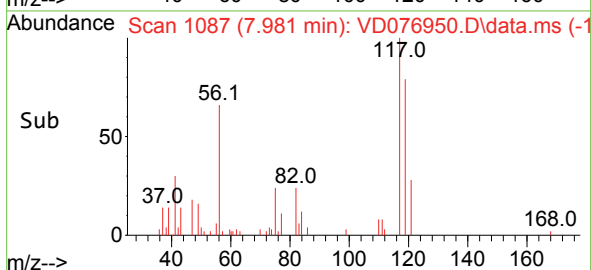
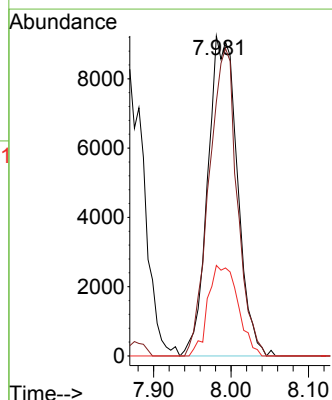
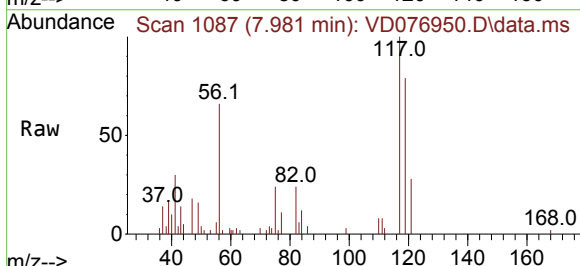
Tgt Ion: 117 Resp: 24426

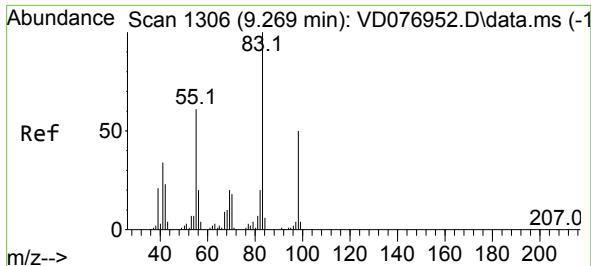
Ion Ratio Lower Upper

117 100

119 79.4 78.0 117.0

121 28.3 24.2 36.2





#39

Methylcyclohexane

Concen: 10.010 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. 0.006 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

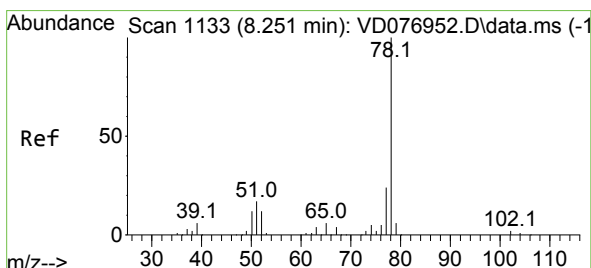
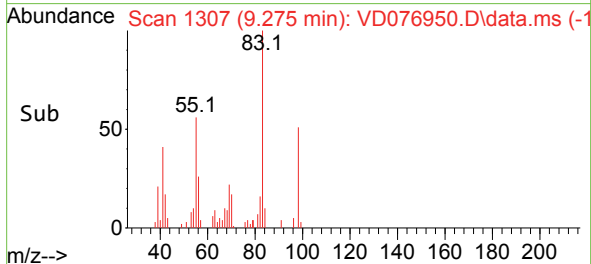
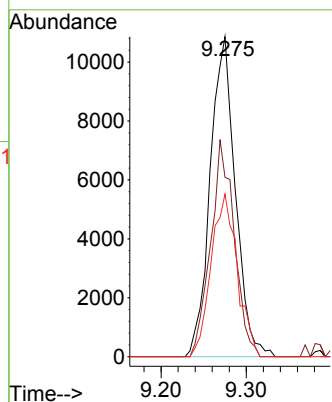
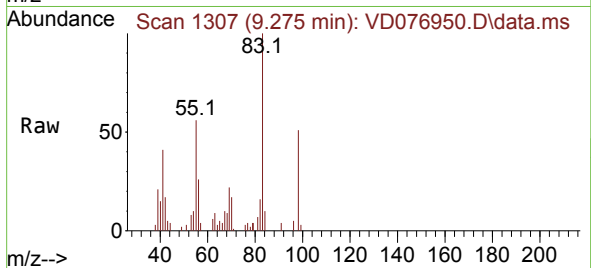
Tgt Ion: 83 Resp: 22341

Ion Ratio Lower Upper

83 100

55 56.1 49.4 74.0

98 50.8 38.4 57.6



#40

Benzene

Concen: 10.744 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD076950.D

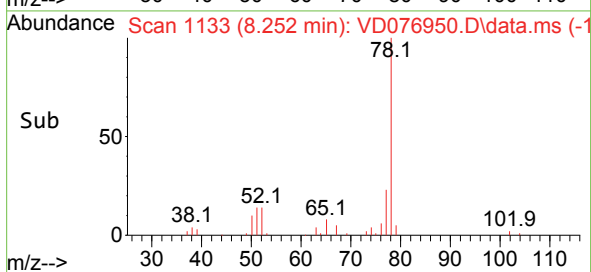
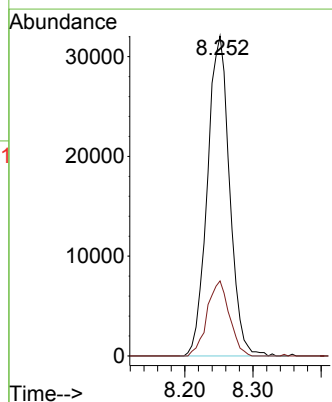
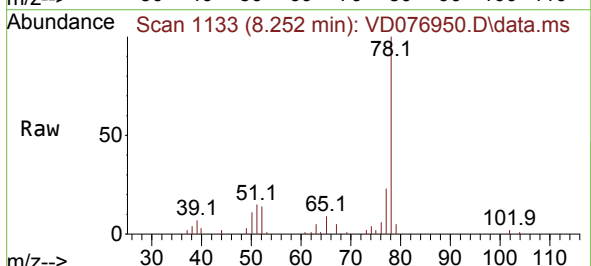
Acq: 08 Aug 2023 13:07

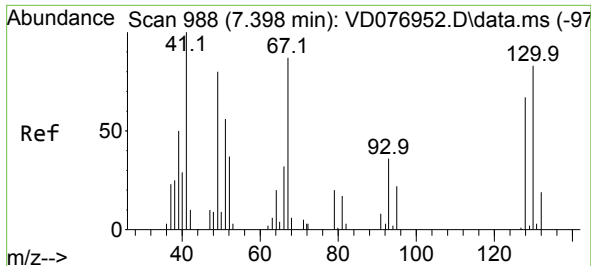
Tgt Ion: 78 Resp: 72774

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0

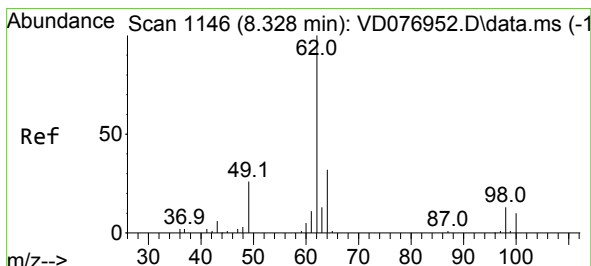
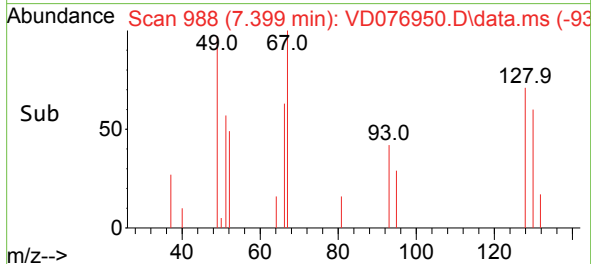
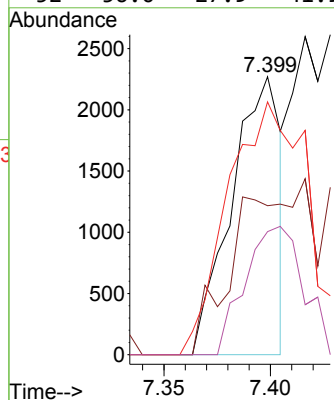
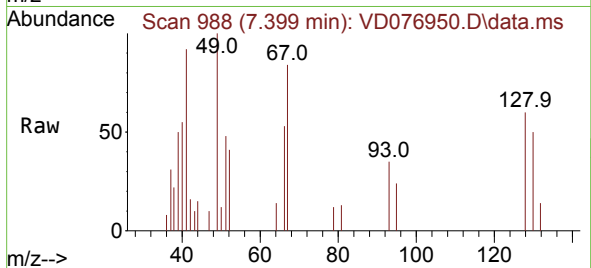




#41
Methacrylonitrile
Concen: 6.959 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

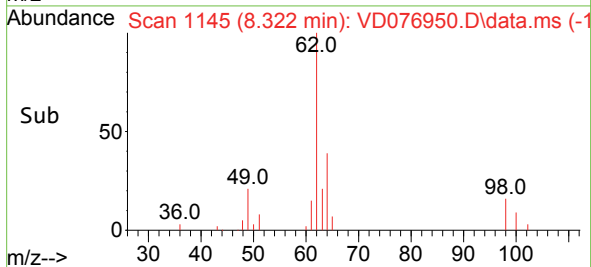
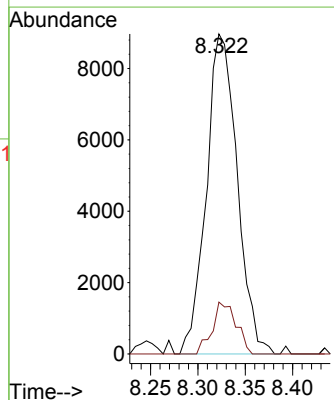
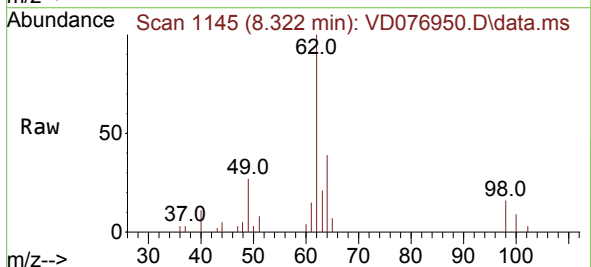
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

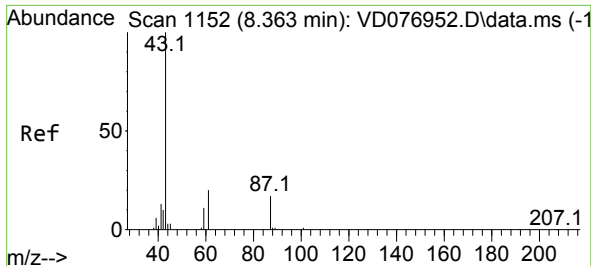
Tgt Ion:	41	Resp:	3650
Ion	Ratio	Lower	Upper
41	100		
39	50.8	34.0	51.0
67	151.1	77.0	115.4#
52	56.0	27.9	41.9#



#42
1,2-Dichloroethane
Concen: 11.141 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion:	62	Resp:	20341
Ion	Ratio	Lower	Upper
62	100		
98	12.6	0.0	25.4

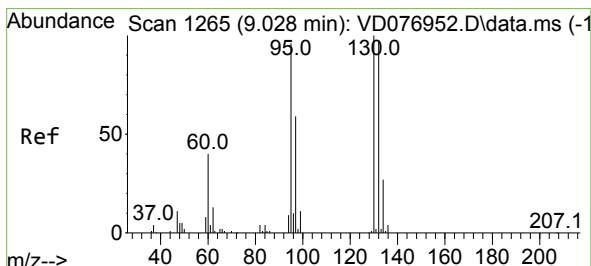
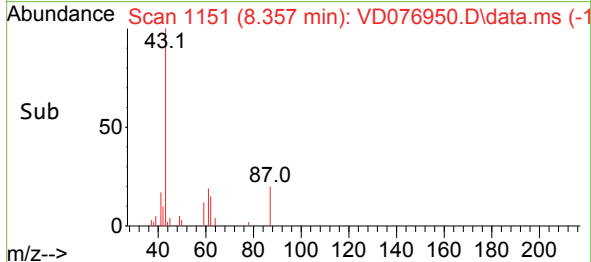
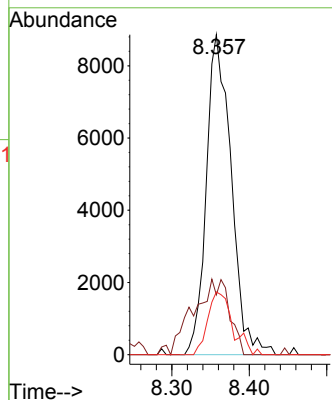
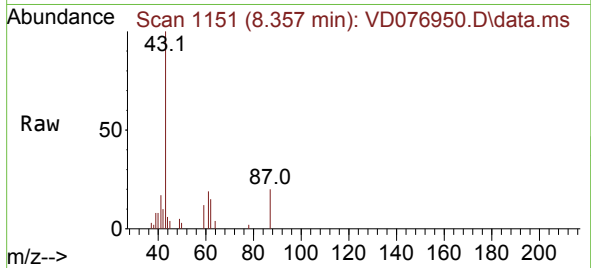




#43
Isopropyl Acetate
Concen: 10.808 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

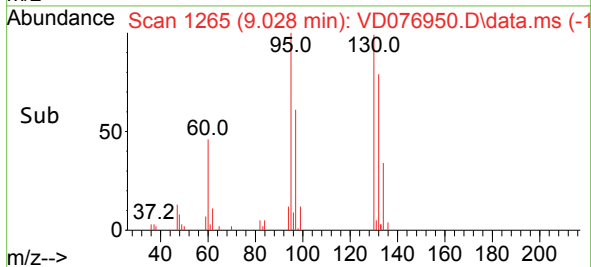
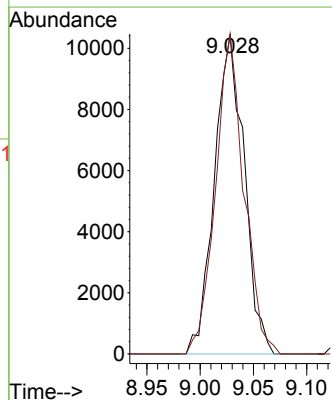
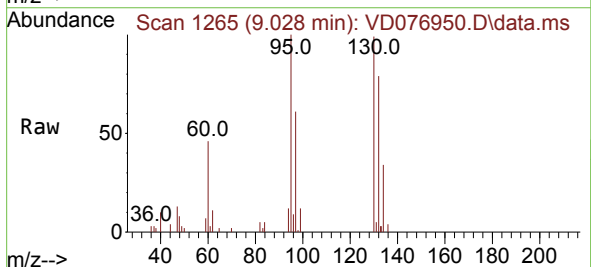
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

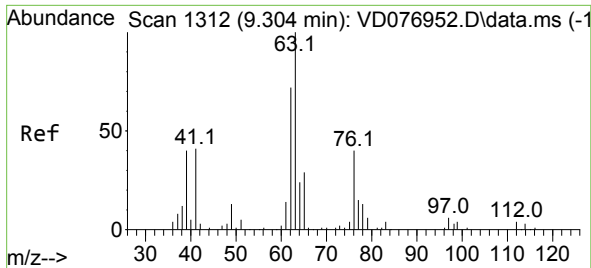
Tgt Ion: 43 Resp: 19743
Ion Ratio Lower Upper
43 100
61 34.5 31.4 47.0
87 19.5 14.9 22.3



#44
Trichloroethene
Concen: 10.861 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion:130 Resp: 20310
Ion Ratio Lower Upper
130 100
95 100.5 0.0 179.2

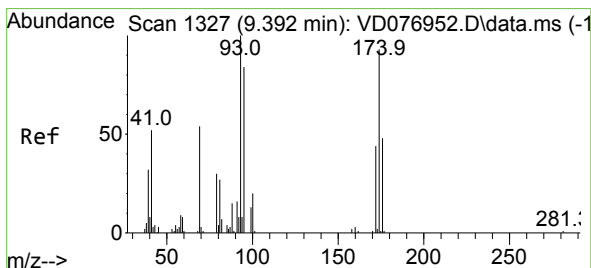
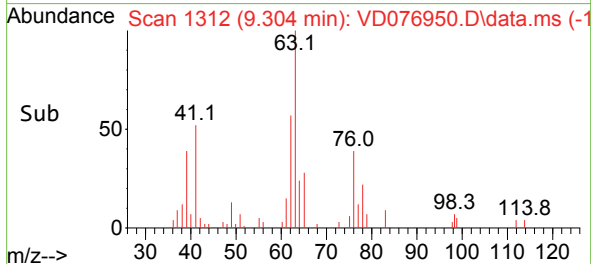
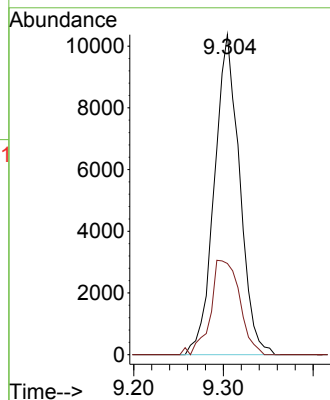
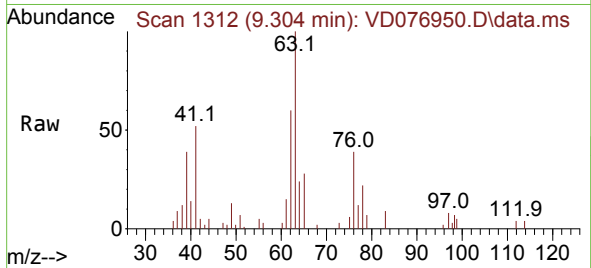




#45
1,2-Dichloropropane
Concen: 11.085 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

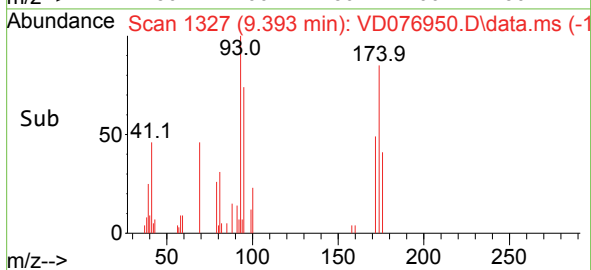
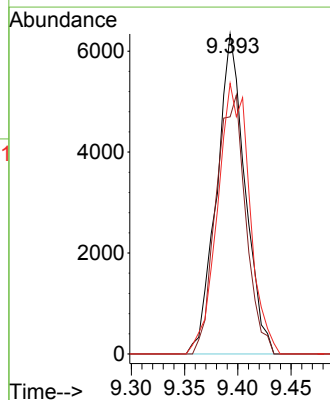
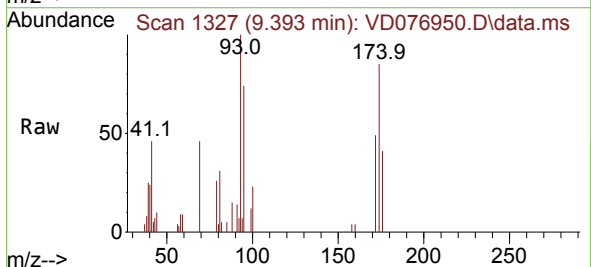
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

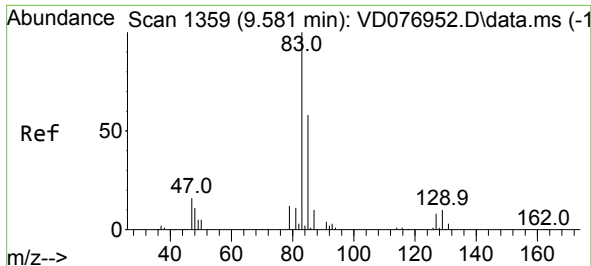
Tgt Ion: 63 Resp: 20235
Ion Ratio Lower Upper
63 100
65 28.5 24.5 36.7



#46
Dibromomethane
Concen: 10.763 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion: 93 Resp: 11740
Ion Ratio Lower Upper
93 100
95 85.0 67.7 101.5
174 95.3 85.4 128.2

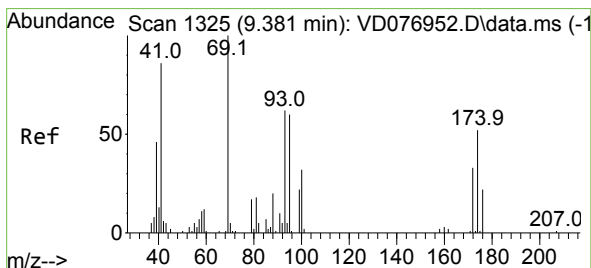
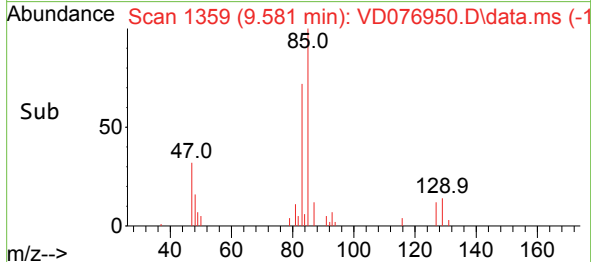
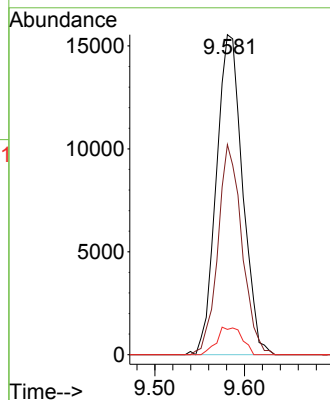
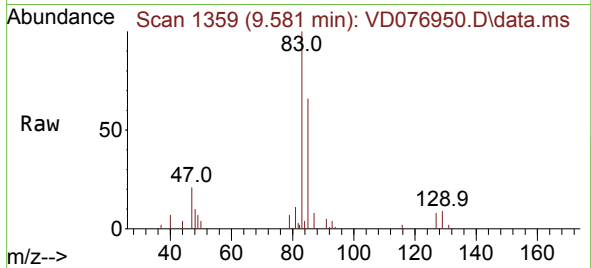




#47
Bromodichloromethane
Concen: 11.255 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

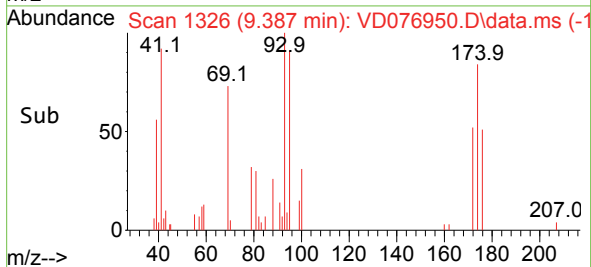
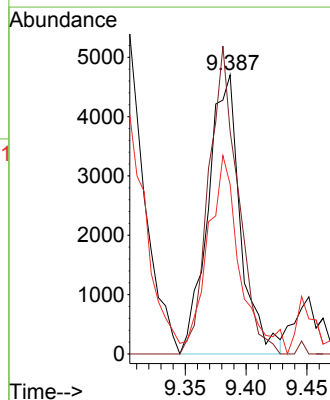
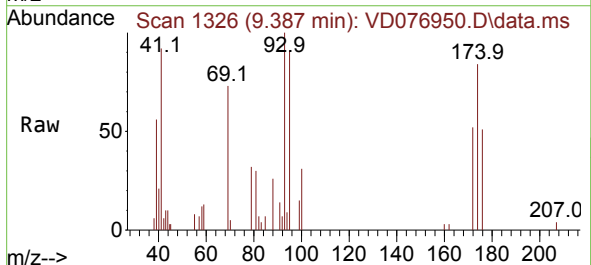
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

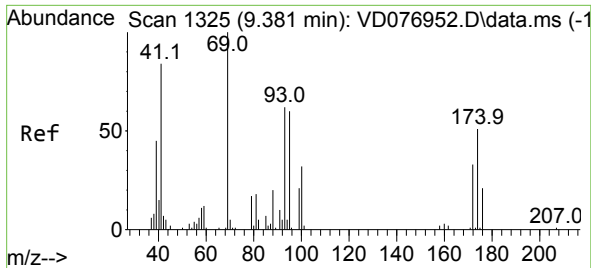
Tgt Ion:	83	Resp:	31493
Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.2	75.4
127	7.9	6.3	9.5



#48
Methyl methacrylate
Concen: 10.900 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion:	41	Resp:	8755
Ion	Ratio	Lower	Upper
41	100		
69	99.2	102.2	153.2#
39	70.3	41.4	62.2#





#49

1,4-Dioxane

Concen: 205.739 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

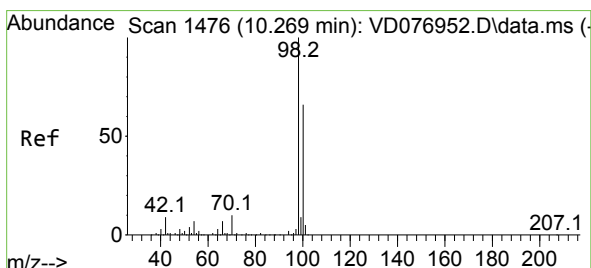
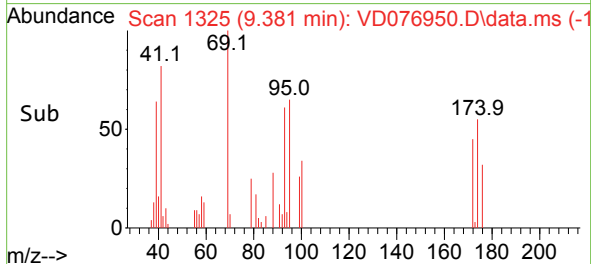
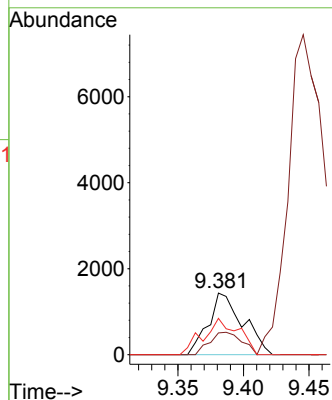
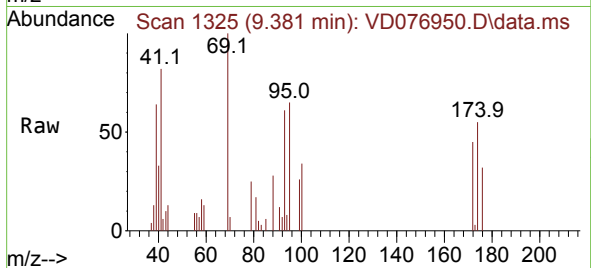
Tgt Ion: 88 Resp: 2623

Ion Ratio Lower Upper

88 100

43 33.9 19.0 28.6#

58 60.0 43.5 65.3



#50

Toluene-d8

Concen: 11.611 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076950.D

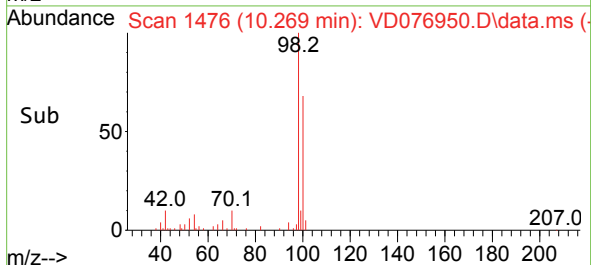
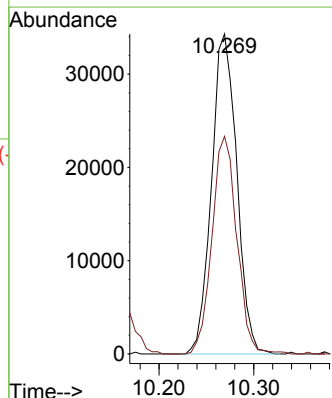
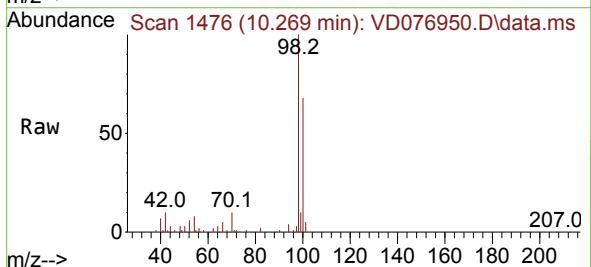
Acq: 08 Aug 2023 13:07

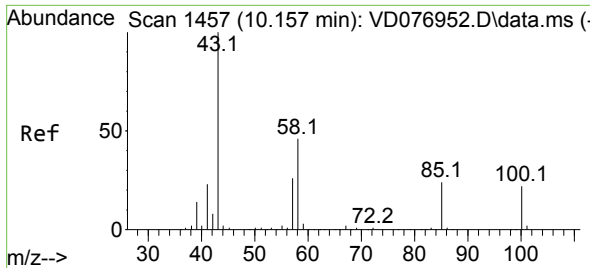
Tgt Ion: 98 Resp: 63530

Ion Ratio Lower Upper

98 100

100 67.1 50.3 75.5

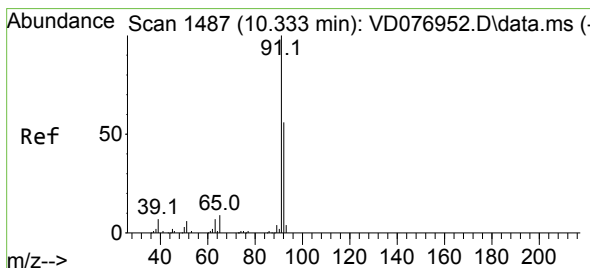
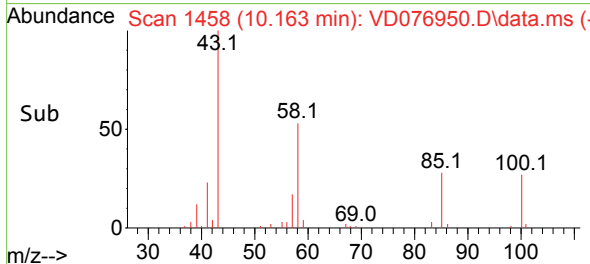
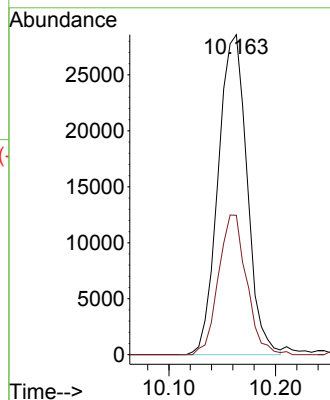
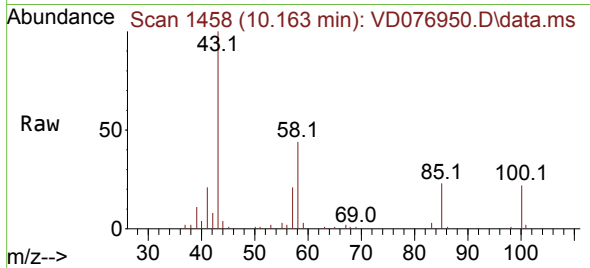




#51
4-Methyl-2-Pentanone
Concen: 53.500 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

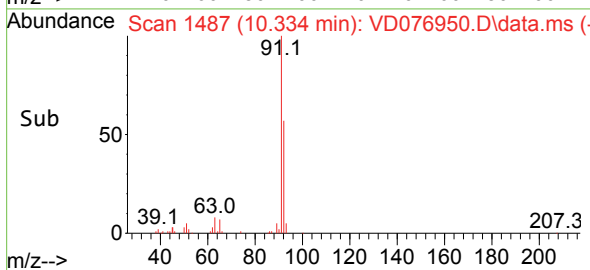
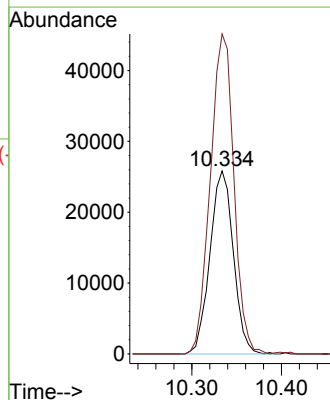
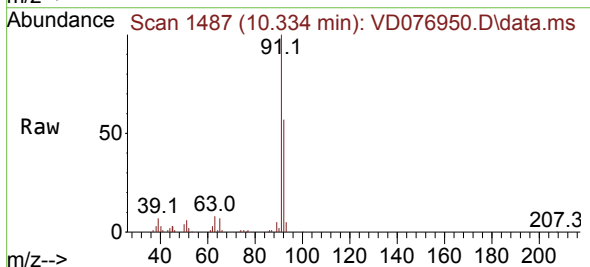
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

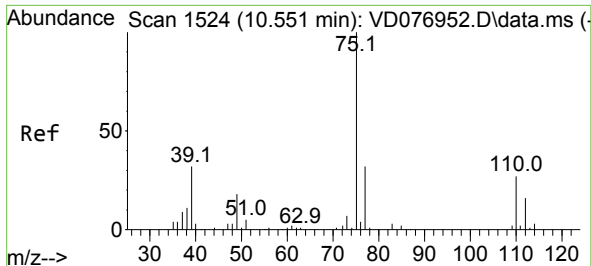
Tgt Ion: 43 Resp: 53943
Ion Ratio Lower Upper
43 100
58 42.6 38.9 58.3



#52
Toluene
Concen: 10.519 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion: 92 Resp: 46794
Ion Ratio Lower Upper
92 100
91 175.7 143.0 214.4

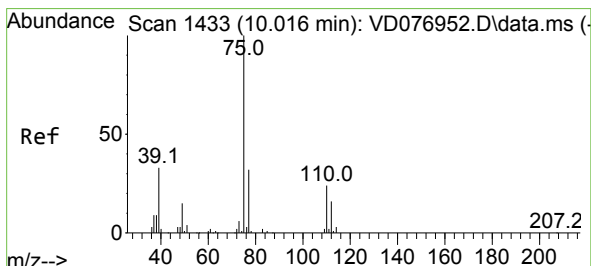
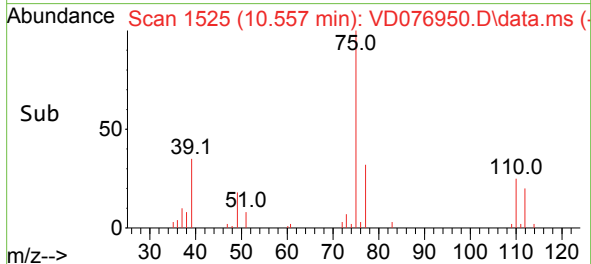
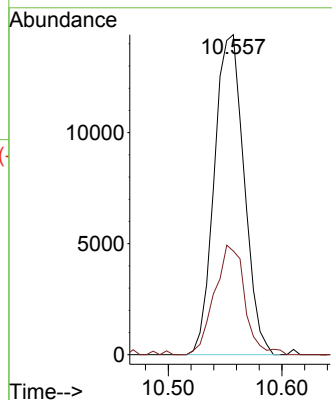
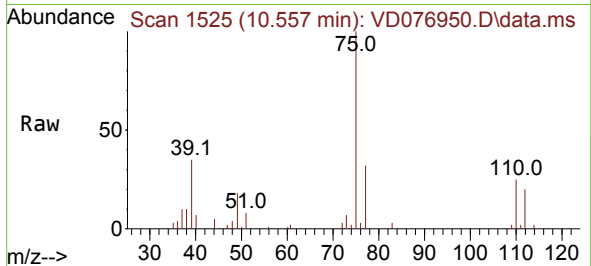




#53
t-1,3-Dichloropropene
Concen: 10.745 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

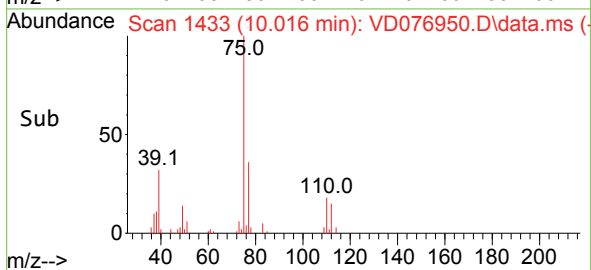
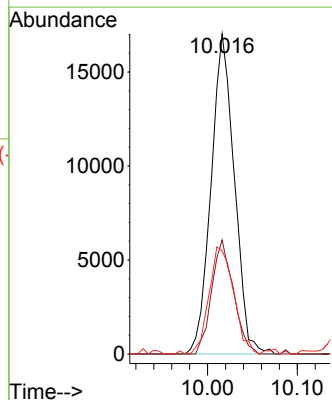
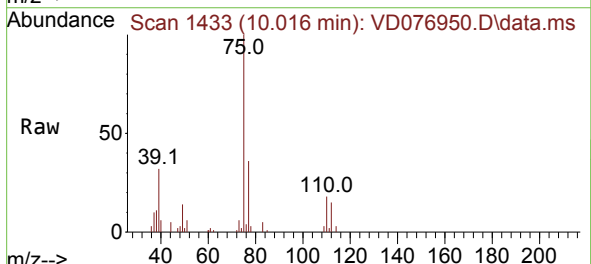
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

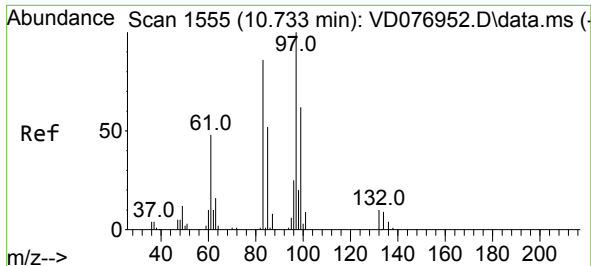
Tgt Ion: 75 Resp: 26230
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 10.836 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion: 75 Resp: 30679
Ion Ratio Lower Upper
75 100
77 35.6 25.5 38.3
39 32.3 22.1 33.1

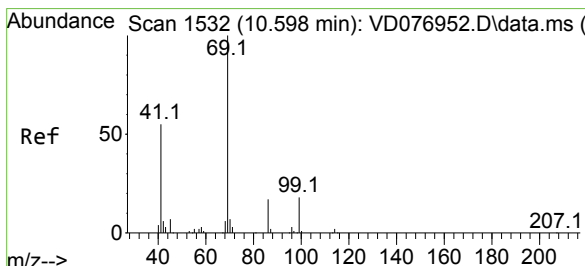
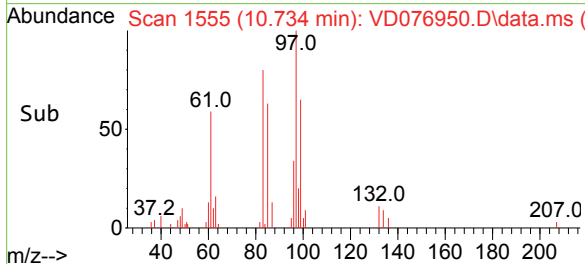
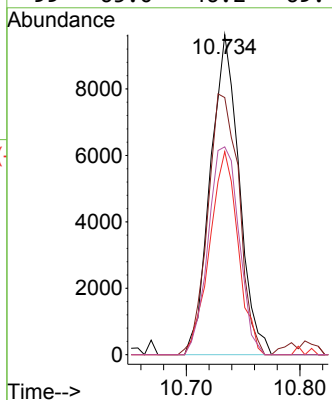
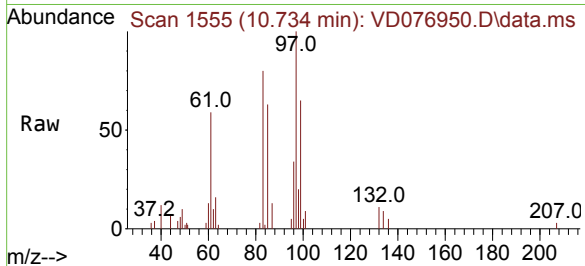




#55
1,1,2-Trichloroethane
Concen: 10.452 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

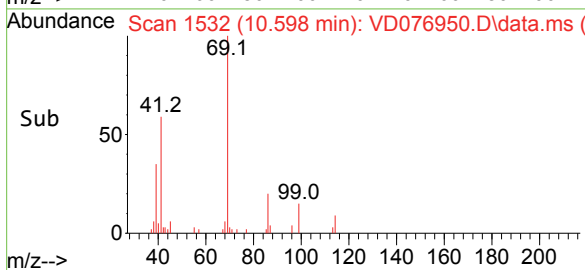
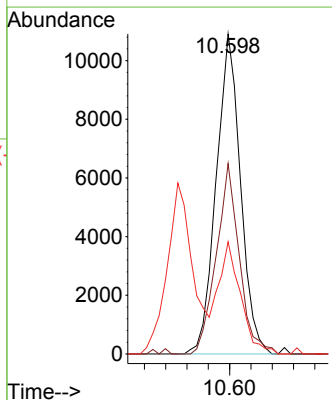
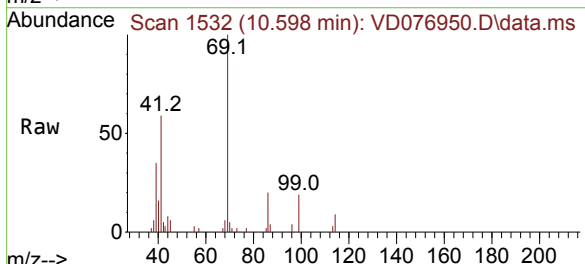
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

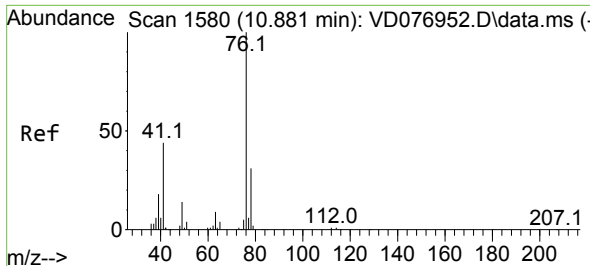
Tgt Ion:	97	Resp:	16919
Ion	Ratio	Lower	Upper
97	100		
83	80.3	65.8	98.6
85	63.5	45.7	68.5
99	65.0	46.2	69.4



#56
Ethyl methacrylate
Concen: 10.280 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion:	69	Resp:	17247
Ion	Ratio	Lower	Upper
69	100		
41	56.7	39.1	58.7
39	32.0	20.0	30.0





#57

1,3-Dichloropropane

Concen: 10.971 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

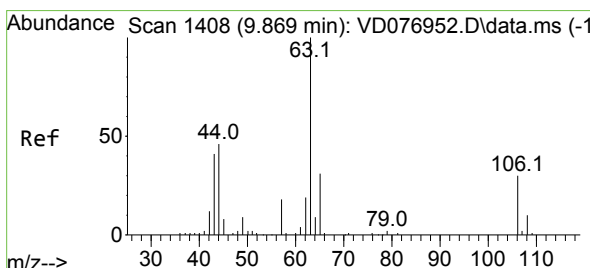
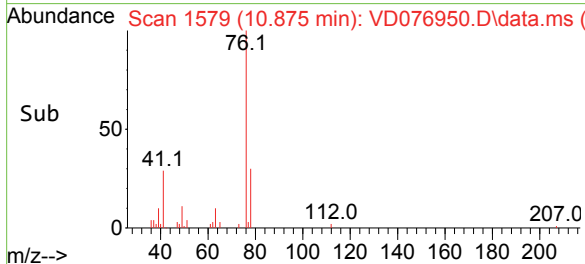
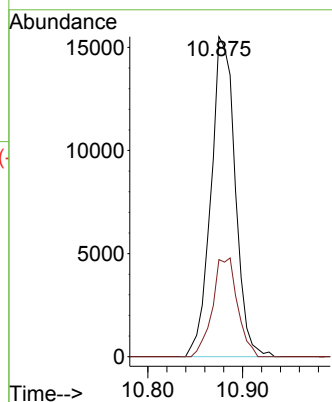
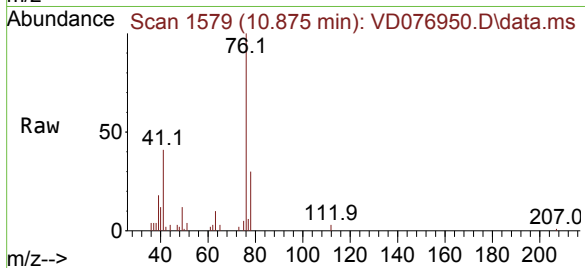
VSTDIC010

Tgt Ion: 76 Resp: 27589

Ion Ratio Lower Upper

76 100

78 31.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 56.042 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076950.D

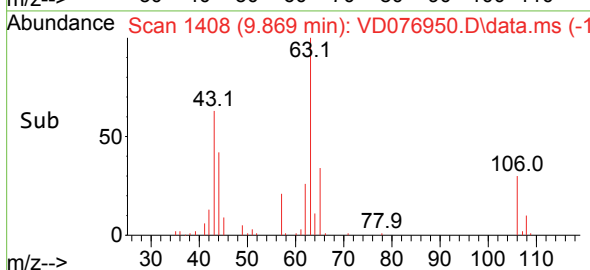
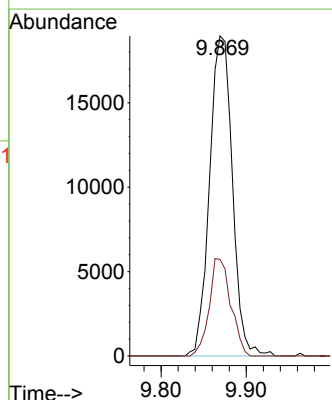
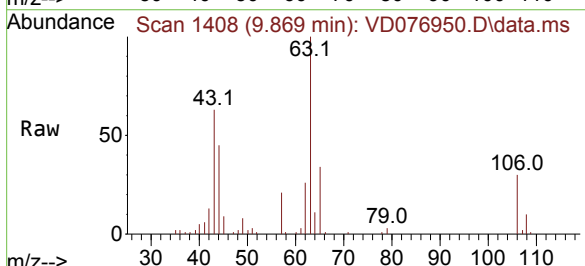
Acq: 08 Aug 2023 13:07

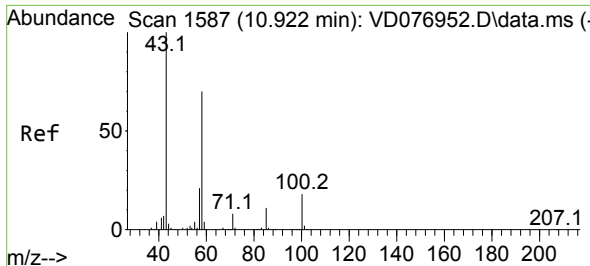
Tgt Ion: 63 Resp: 35346

Ion Ratio Lower Upper

63 100

106 28.7 25.3 37.9

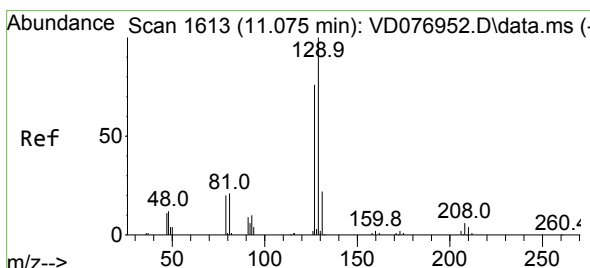
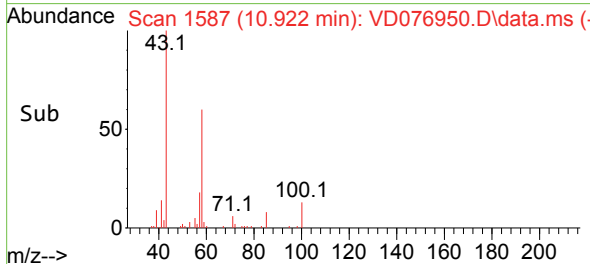
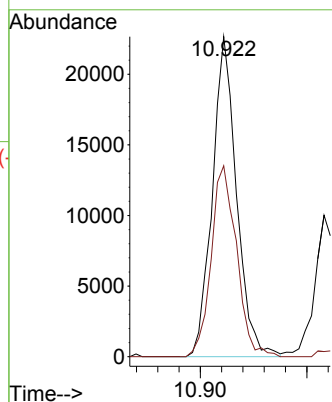
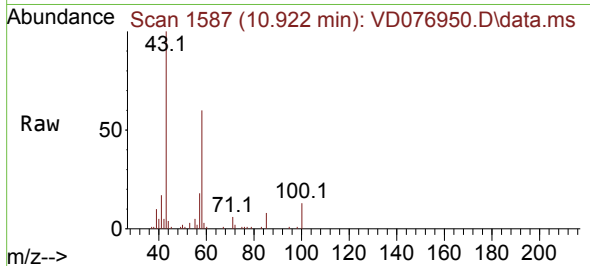




#59
2-Hexanone
Concen: 51.976 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

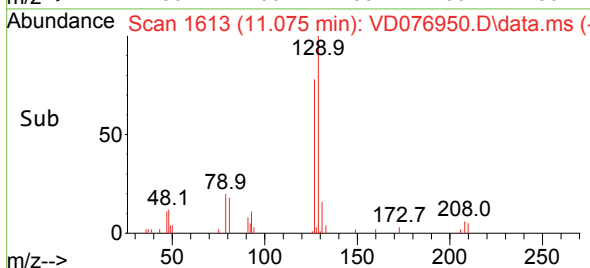
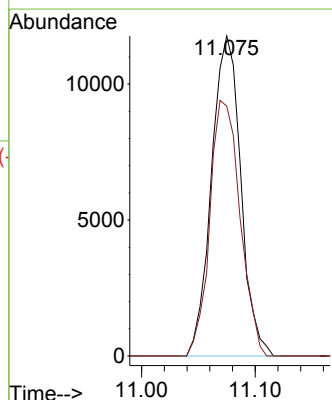
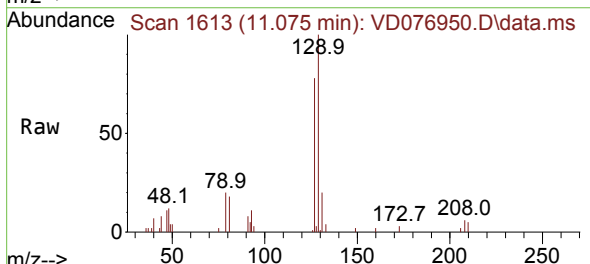
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

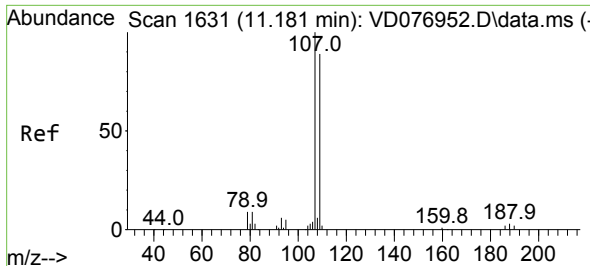
Tgt Ion: 43 Resp: 35673
Ion Ratio Lower Upper
43 100
58 62.5 34.1 102.2



#60
Dibromochloromethane
Concen: 10.795 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion: 129 Resp: 21075
Ion Ratio Lower Upper
129 100
127 82.5 37.1 111.5

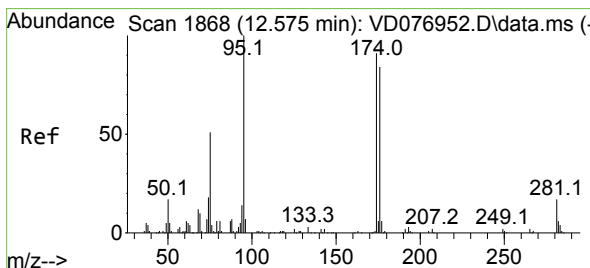
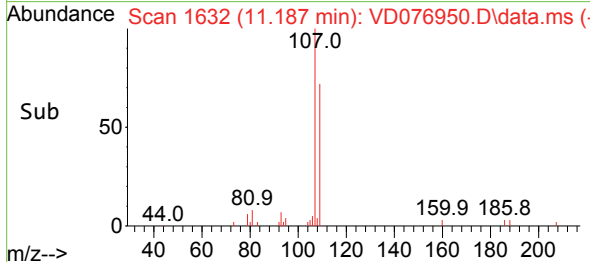
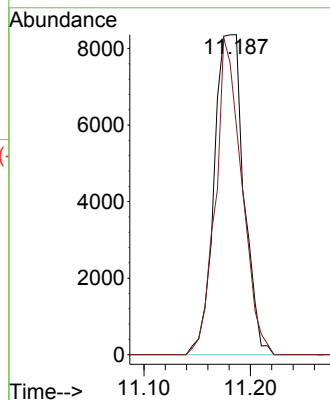
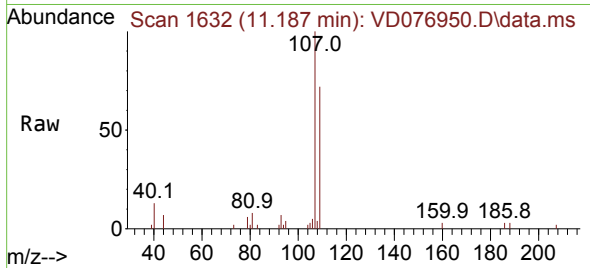




#61
1,2-Dibromoethane
Concen: 11.224 ug/l
RT: 11.187 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

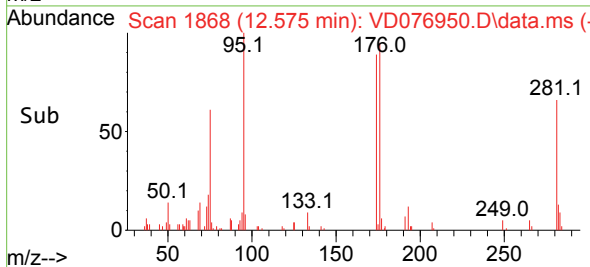
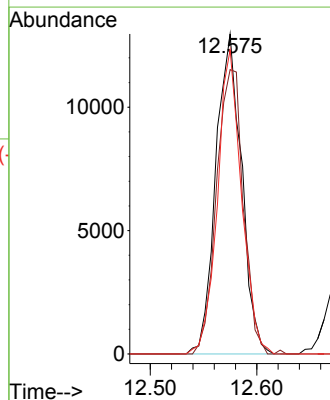
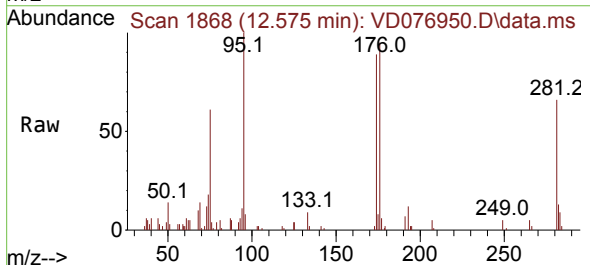
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

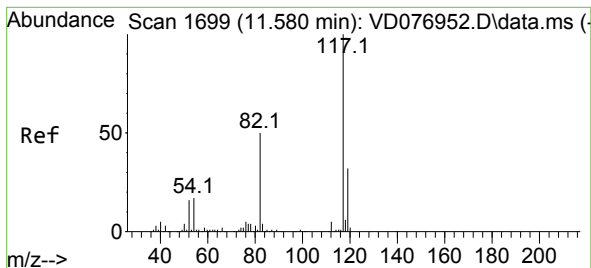
Tgt Ion:107 Resp: 16157
Ion Ratio Lower Upper
107 100
109 87.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 11.335 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion: 95 Resp: 21682
Ion Ratio Lower Upper
95 100
174 92.8 0.0 201.8
176 89.2 0.0 191.8

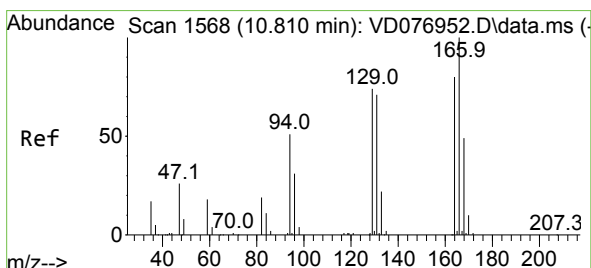
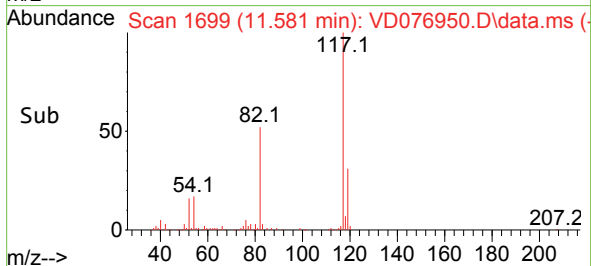
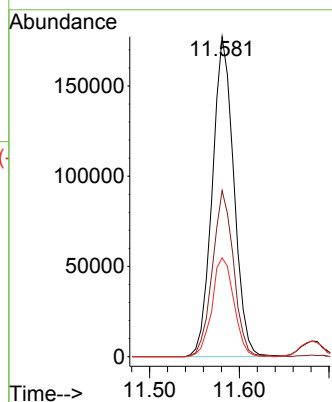
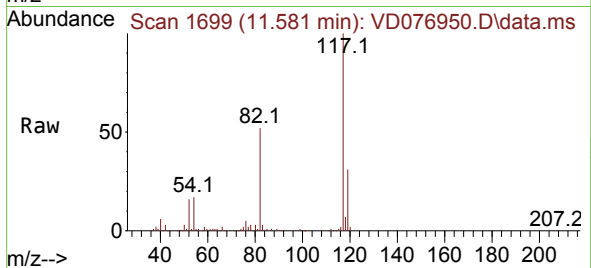




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

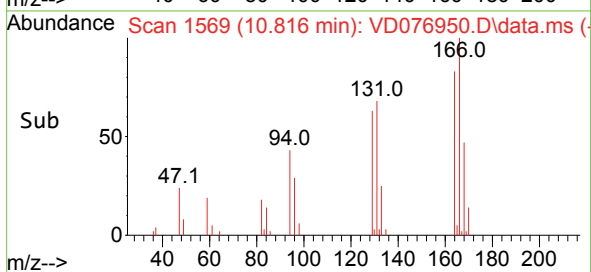
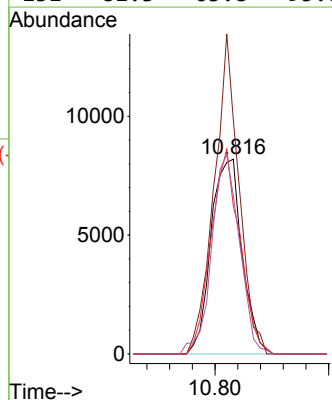
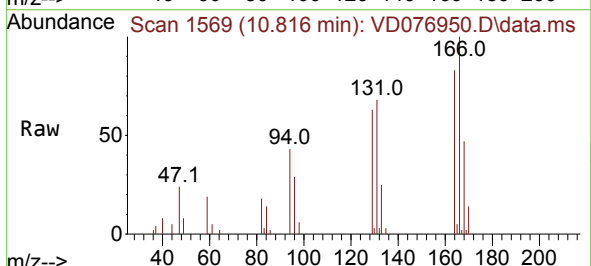
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

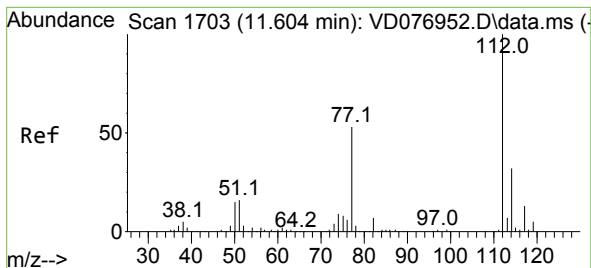
Tgt Ion:117 Resp: 295046
Ion Ratio Lower Upper
117 100
82 51.9 38.3 57.5
119 30.9 25.0 37.4



#64
Tetrachloroethene
Concen: 10.453 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion:164 Resp: 15525
Ion Ratio Lower Upper
164 100
166 120.2 99.2 148.8
129 76.0 68.4 102.6
131 81.3 63.8 95.8





#65

Chlorobenzene

Concen: 10.934 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

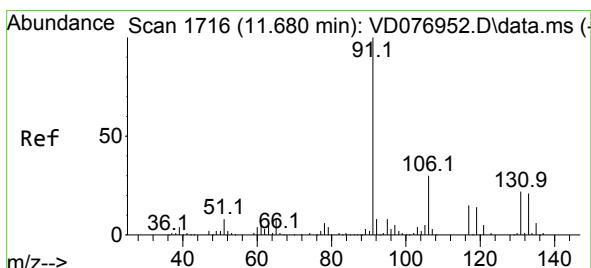
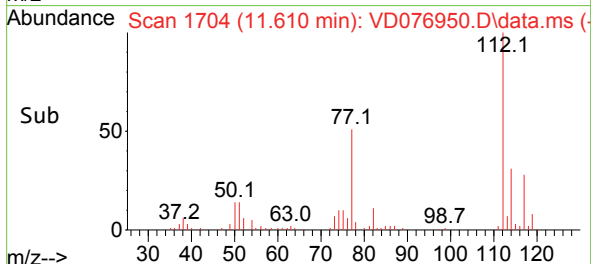
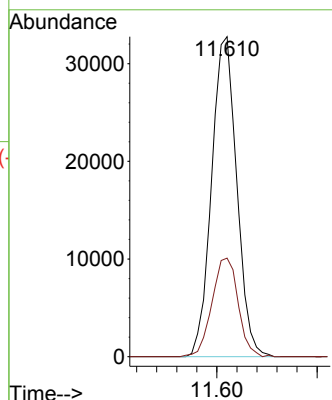
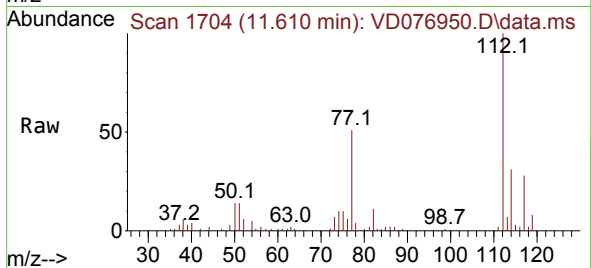
VSTDIC010

Tgt Ion:112 Resp: 57074

Ion Ratio Lower Upper

112 100

114 30.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 11.032 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

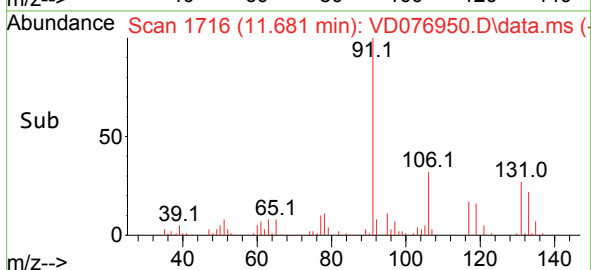
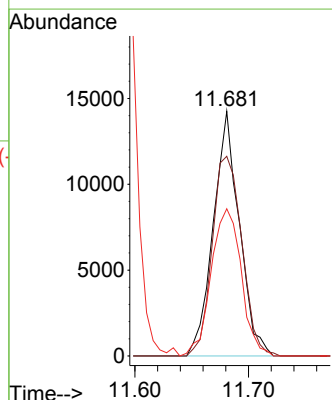
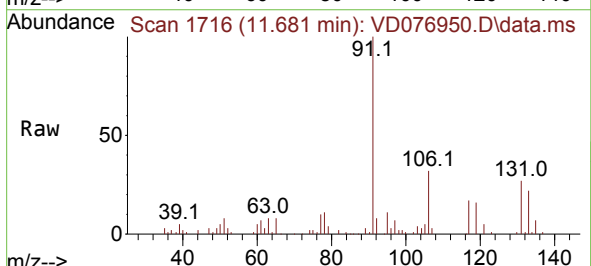
Tgt Ion:131 Resp: 22722

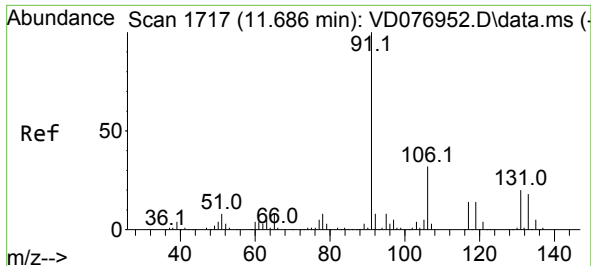
Ion Ratio Lower Upper

131 100

133 92.8 48.5 145.5

119 69.5 35.6 106.9





#67

Ethyl Benzene

Concen: 10.253 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

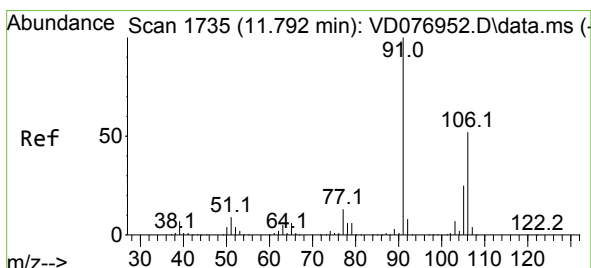
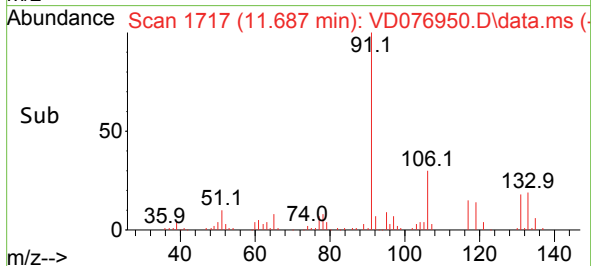
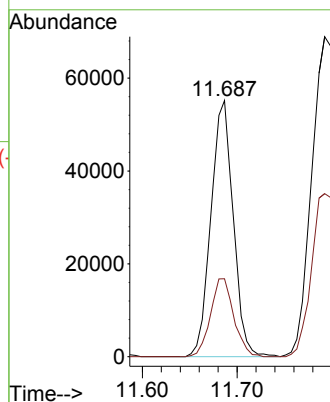
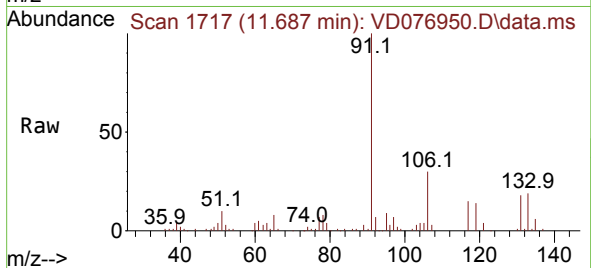
VSTDICC010

Tgt Ion: 91 Resp: 90293

Ion Ratio Lower Upper

91 100

106 30.4 26.5 39.7



#68

m/p-Xylenes

Concen: 20.908 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD076950.D

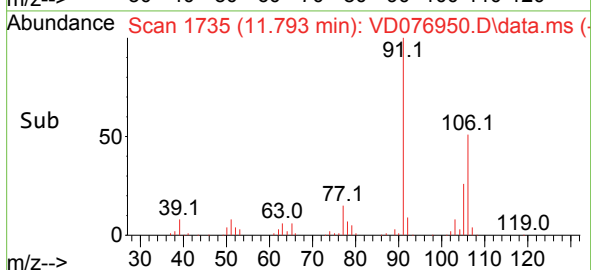
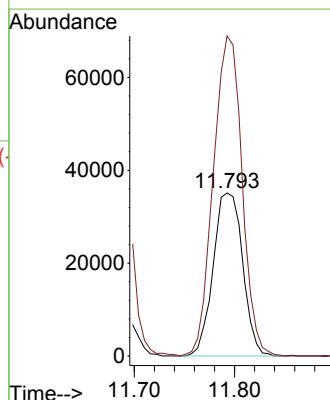
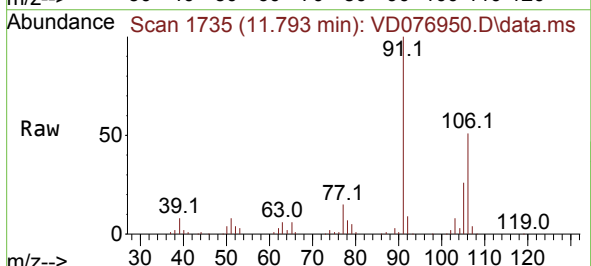
Acq: 08 Aug 2023 13:07

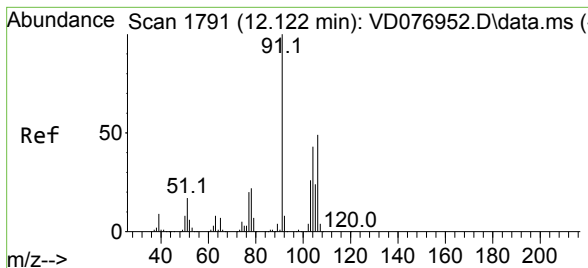
Tgt Ion: 106 Resp: 71510

Ion Ratio Lower Upper

106 100

91 191.9 147.0 220.6

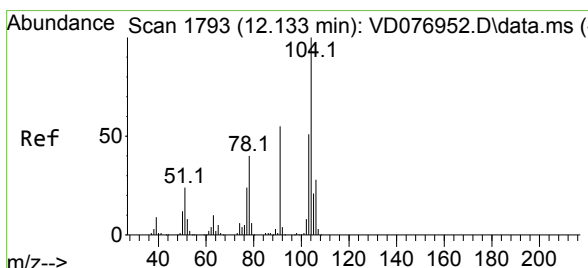
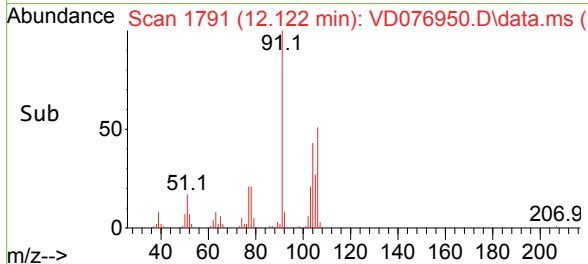
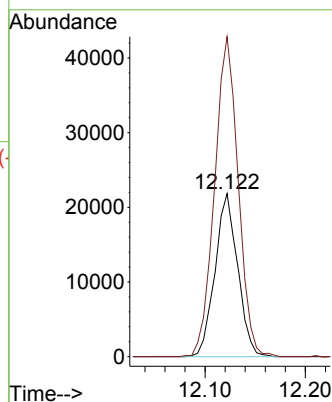
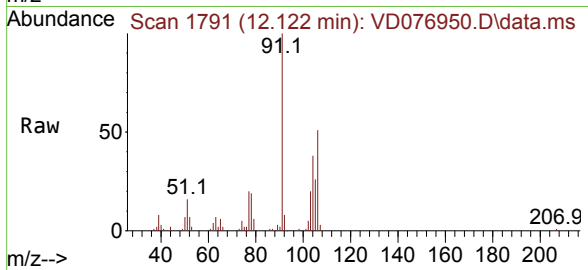




#69
o-Xylene
Concen: 10.448 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

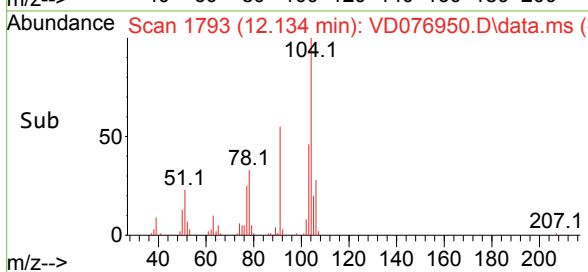
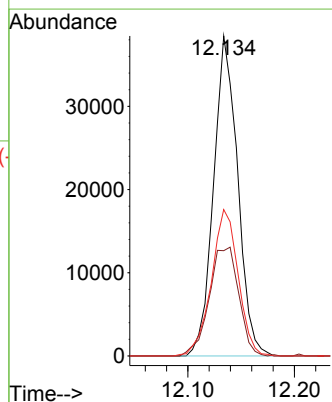
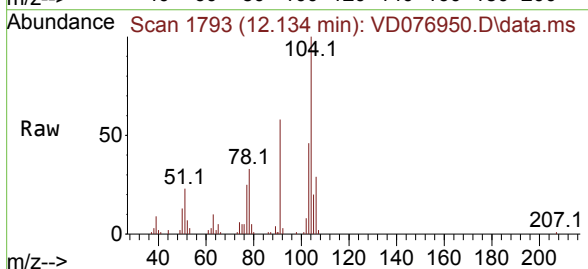
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

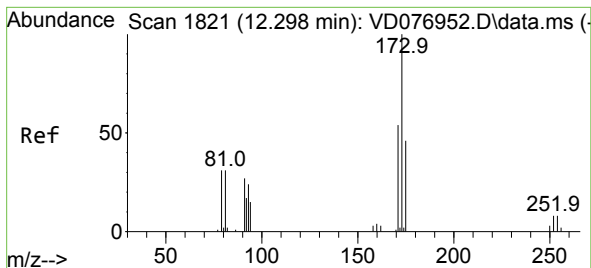
Tgt Ion:106 Resp: 34271
Ion Ratio Lower Upper
106 100
91 204.3 97.9 293.6



#70
Styrene
Concen: 10.325 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion:104 Resp: 60378
Ion Ratio Lower Upper
104 100
78 41.8 33.2 49.8
103 50.9 43.6 65.4





#71

Bromoform

Concen: 10.927 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

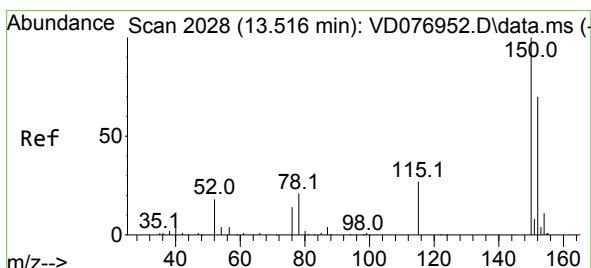
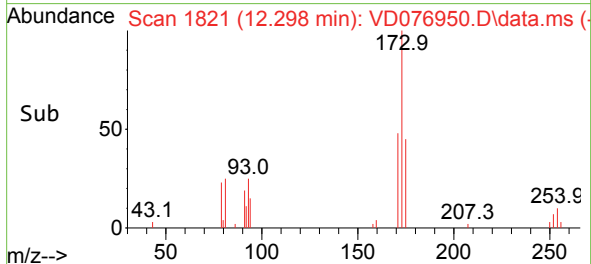
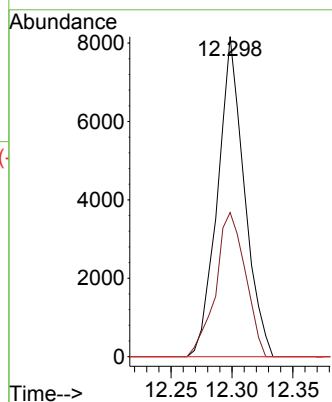
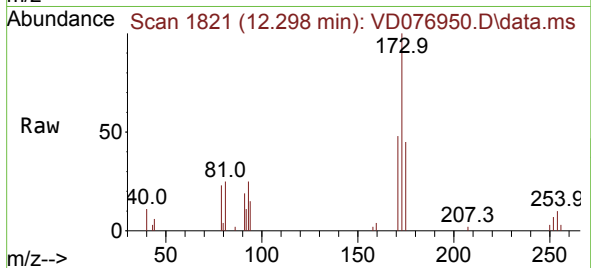
Tgt Ion:173 Resp: 12477

Ion Ratio Lower Upper

173 100

175 50.0 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

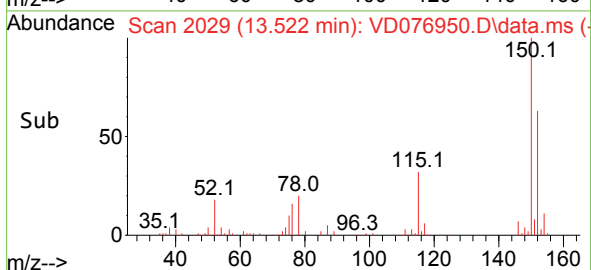
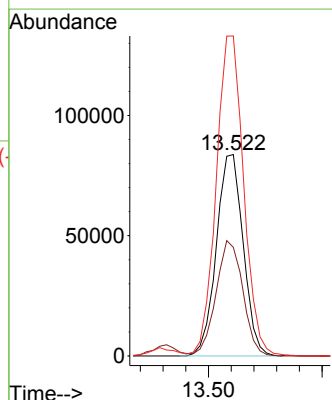
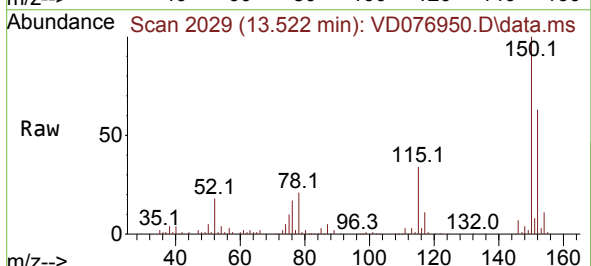
Tgt Ion:152 Resp: 137521

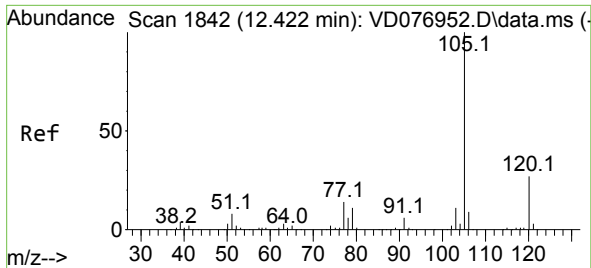
Ion Ratio Lower Upper

152 100

115 57.2 27.1 81.3

150 162.6 0.0 353.6

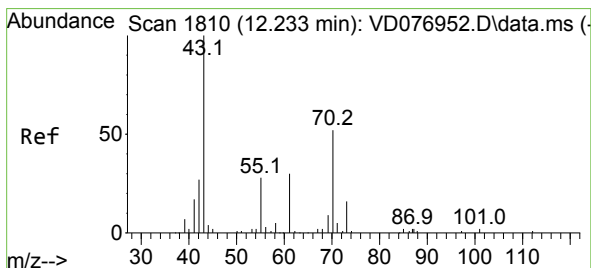
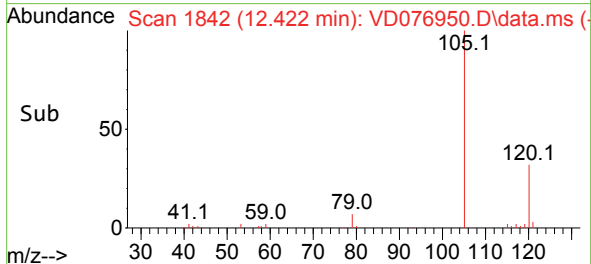
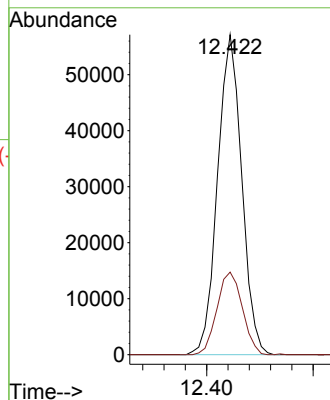
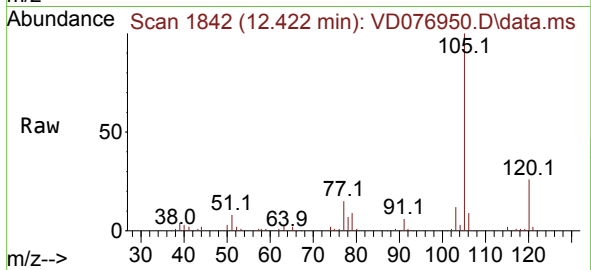




#73
Isopropylbenzene
Concen: 10.372 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

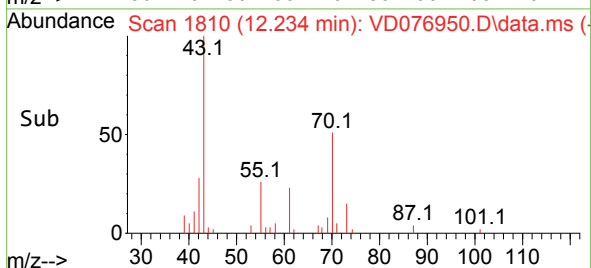
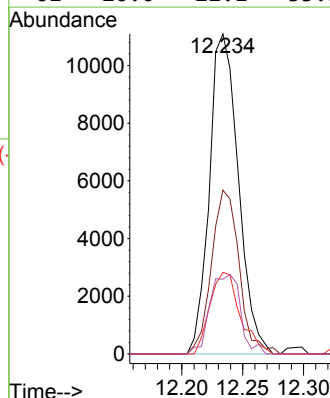
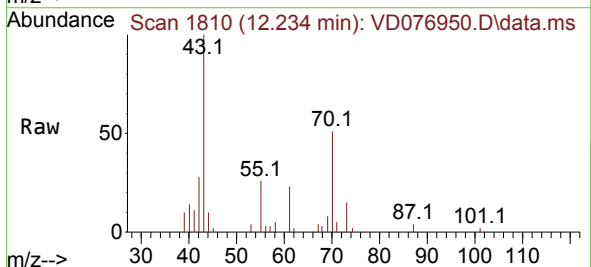
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

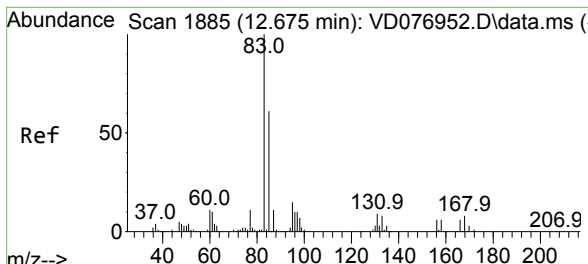
Tgt Ion:105 Resp: 89760
Ion Ratio Lower Upper
105 100
120 27.1 14.3 42.9



#74
N-ethyl acetate
Concen: 10.652 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion: 43 Resp: 18366
Ion Ratio Lower Upper
43 100
70 48.9 45.0 67.4
55 26.7 23.8 35.6
61 26.0 22.1 33.1

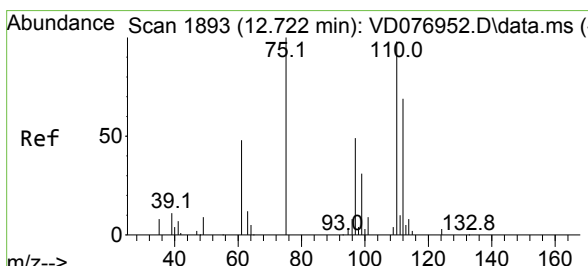
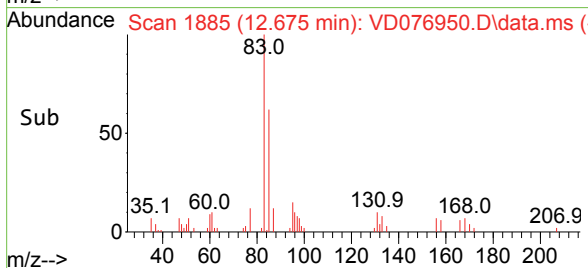
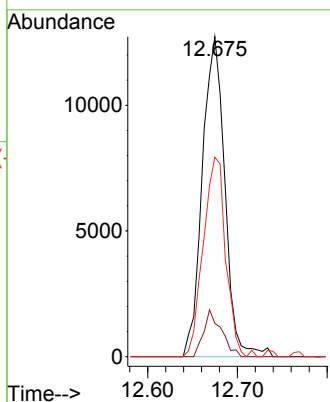
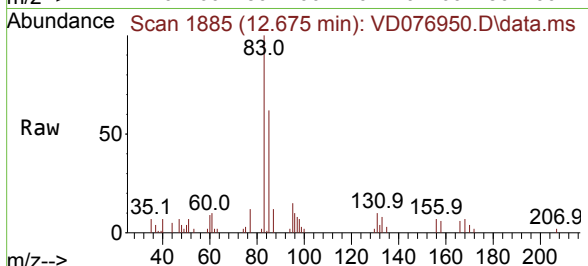




#75
 1,1,2,2-Tetrachloroethane
 Concen: 11.638 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD076950.D
 Acq: 08 Aug 2023 13:07

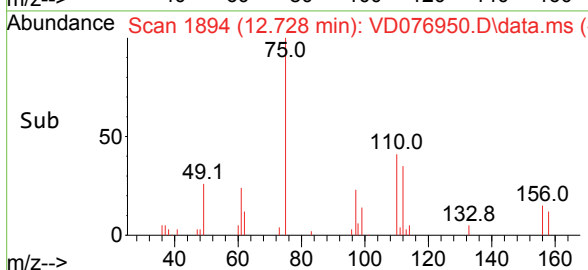
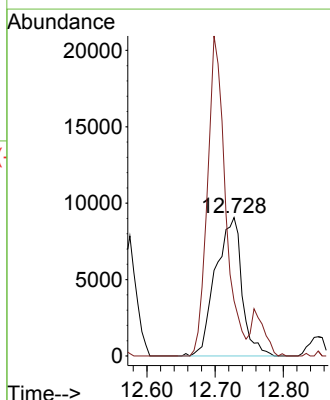
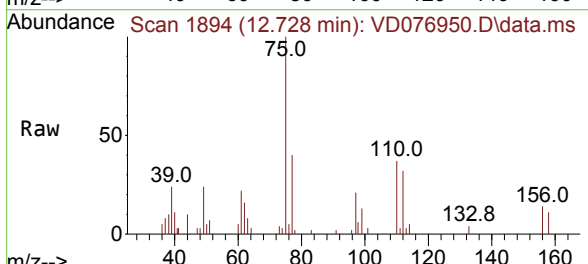
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

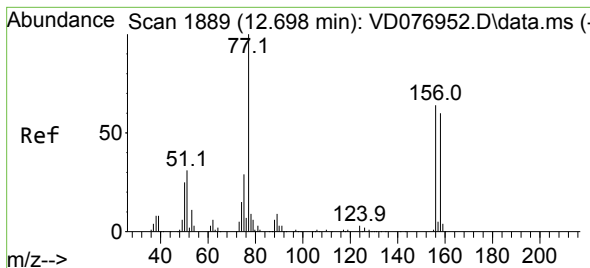
Tgt Ion:	83	Resp:	22192
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.1	15.3
85	61.6	32.6	97.8



#76
 1,2,3-Trichloropropane
 Concen: 18.903 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD076950.D
 Acq: 08 Aug 2023 13:07

Tgt Ion:	75	Resp:	24386
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 10.820 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

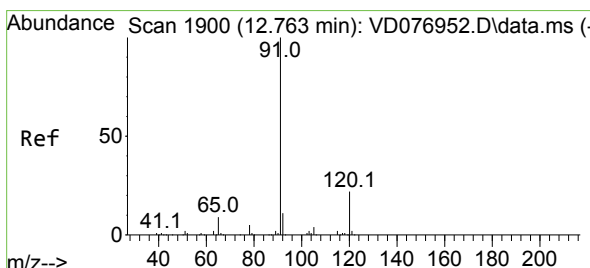
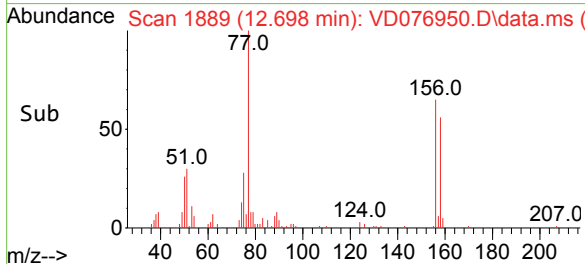
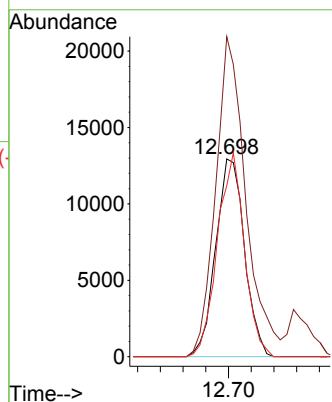
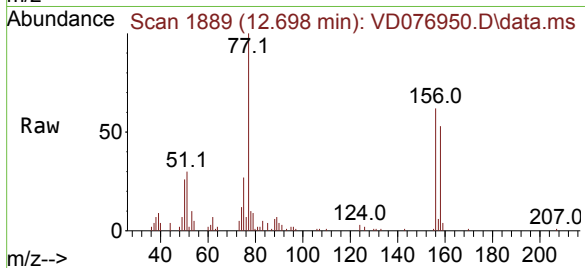
Tgt Ion:156 Resp: 22785

Ion Ratio Lower Upper

156 100

77 169.4 76.8 230.4

158 96.4 48.6 145.9



#78

n-propylbenzene

Concen: 10.516 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076950.D

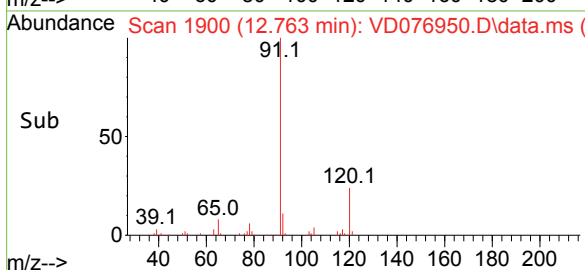
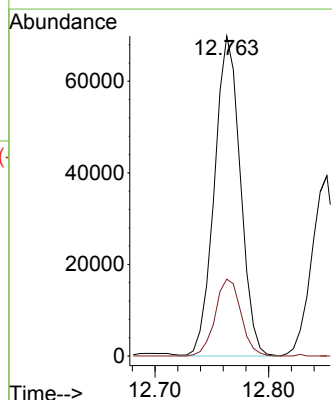
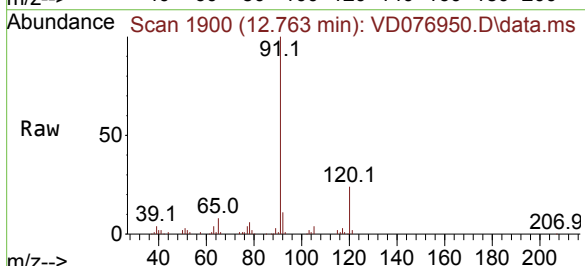
Acq: 08 Aug 2023 13:07

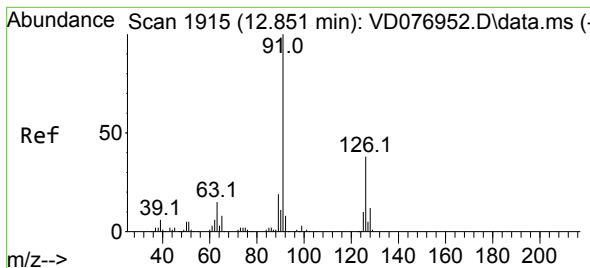
Tgt Ion: 91 Resp: 110707

Ion Ratio Lower Upper

91 100

120 23.9 12.4 37.2

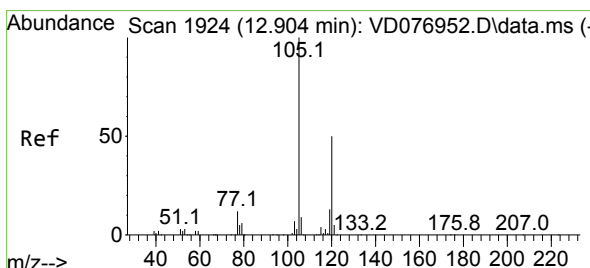
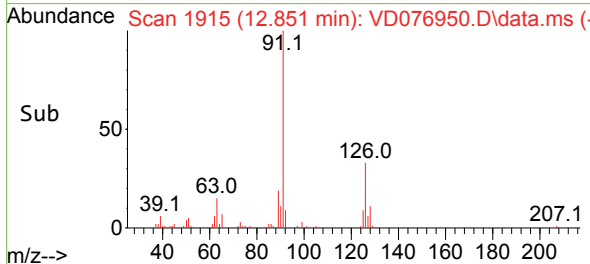
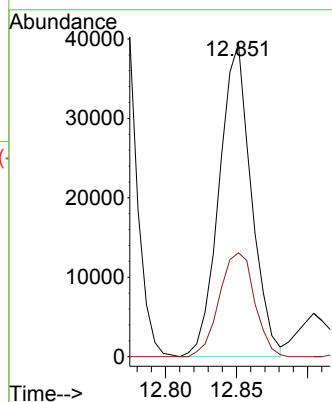
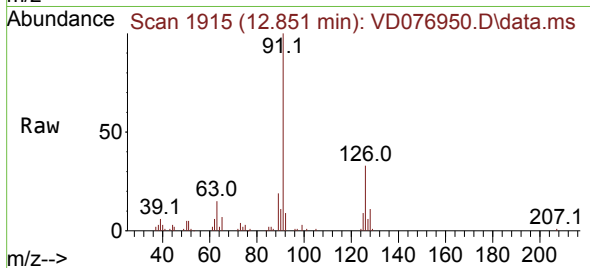




#79
2-Chlorotoluene
Concen: 10.703 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

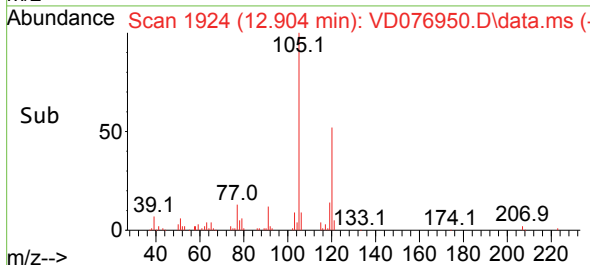
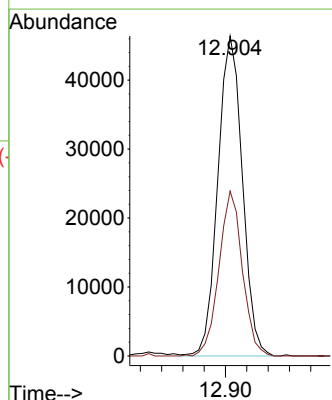
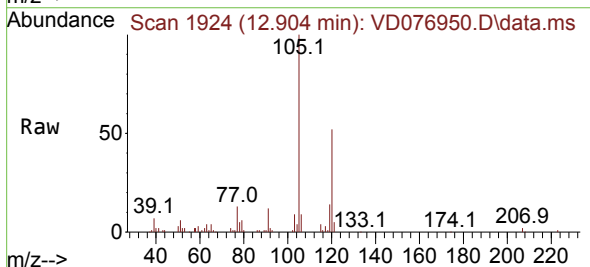
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

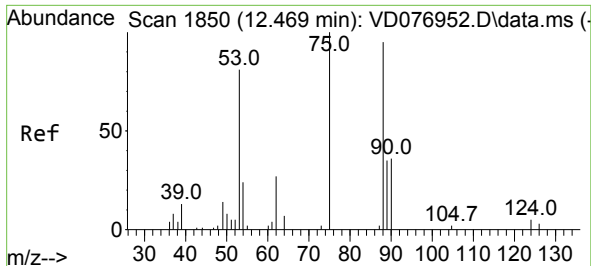
Tgt Ion: 91 Resp: 61945
Ion Ratio Lower Upper
91 100
126 36.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 10.538 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion: 105 Resp: 74024
Ion Ratio Lower Upper
105 100
120 49.2 26.4 79.2

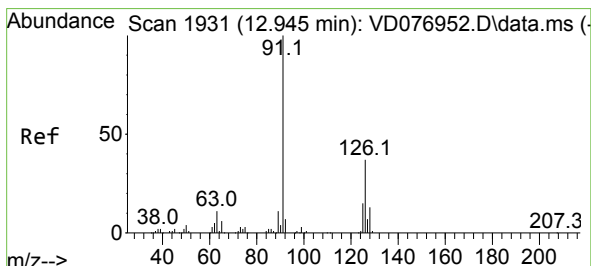
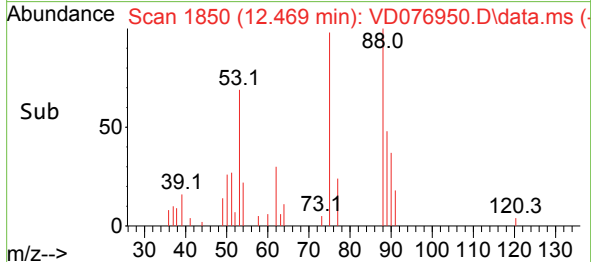
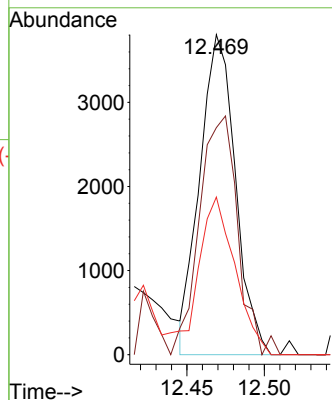
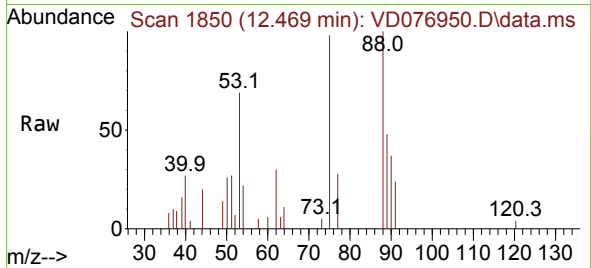




#81
trans-1,4-Dichloro-2-butene
Concen: 11.067 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

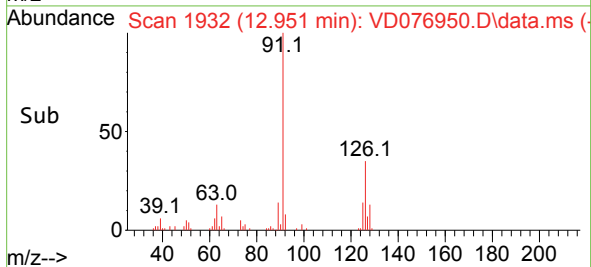
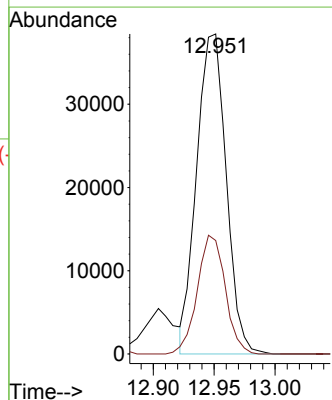
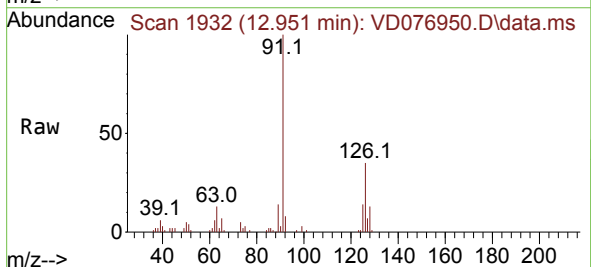
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

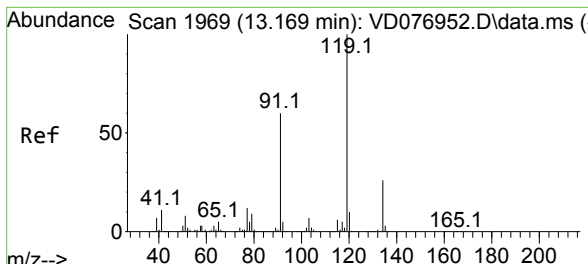
Tgt Ion: 75 Resp: 6077
Ion Ratio Lower Upper
75 100
53 80.2 63.0 94.4
89 50.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 10.731 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion: 91 Resp: 65004
Ion Ratio Lower Upper
91 100
126 35.0 19.4 58.4

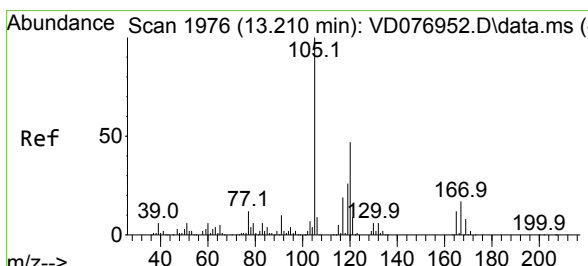
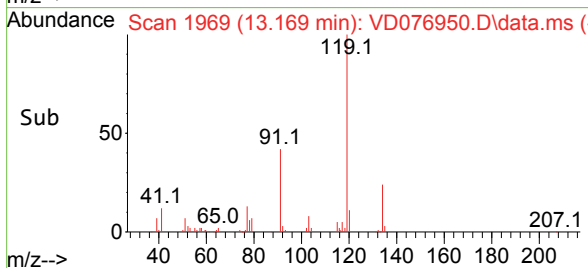
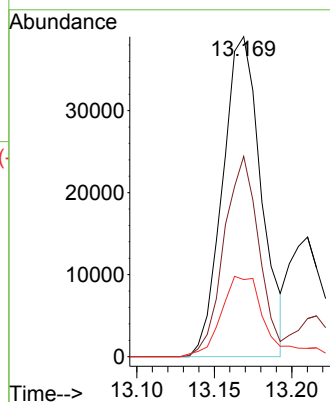
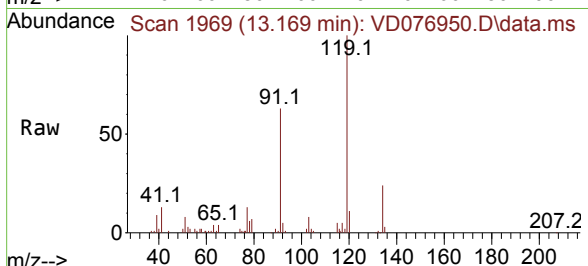




#83
 tert-Butylbenzene
 Concen: 10.488 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD076950.D
 Acq: 08 Aug 2023 13:07

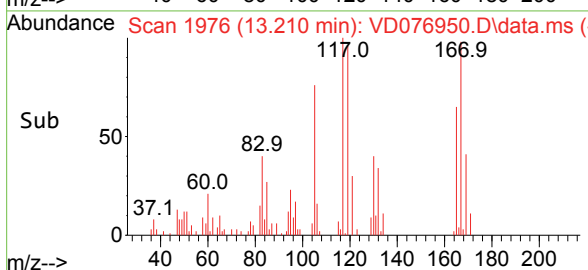
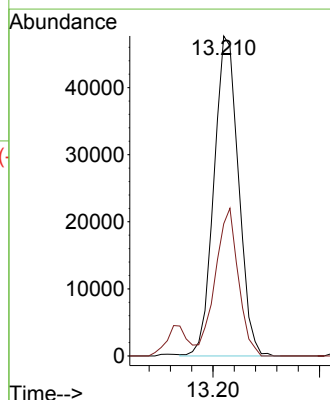
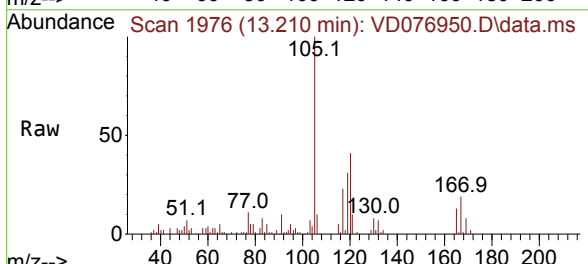
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

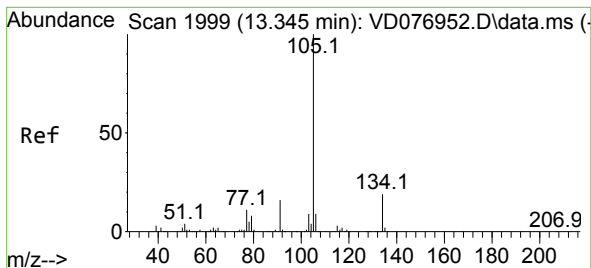
Tgt Ion:	119	Resp:	67553
Ion Ratio	Lower	Upper	
119	100		
91	56.9	29.3	87.8
134	28.7	14.1	42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 10.651 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD076950.D
 Acq: 08 Aug 2023 13:07

Tgt Ion:	105	Resp:	76235
Ion Ratio	Lower	Upper	
105	100		
120	43.8	24.3	72.9





#85

sec-Butylbenzene

Concen: 10.680 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

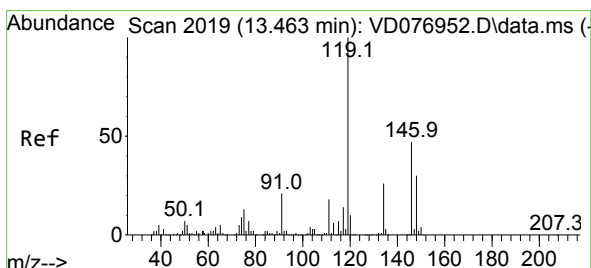
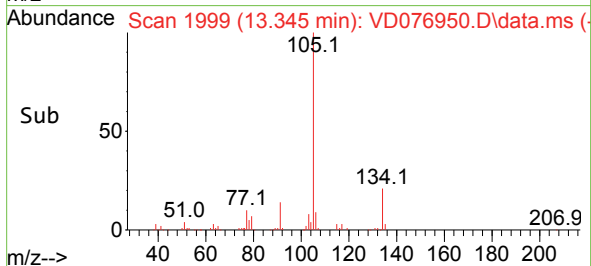
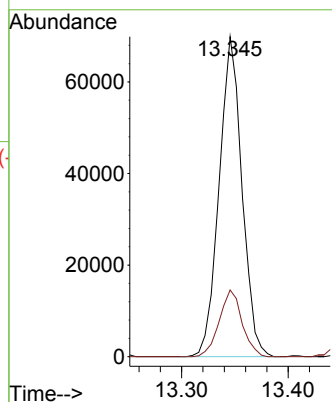
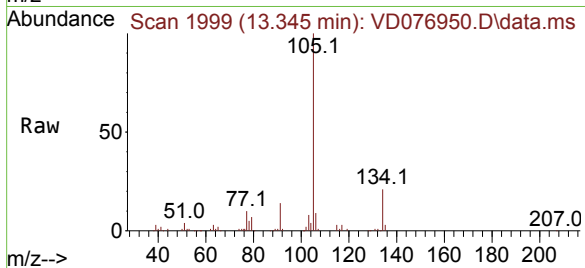
VSTDIC010

Tgt Ion:105 Resp: 103918

Ion Ratio Lower Upper

105 100

134 20.8 10.9 32.9



#86

p-Isopropyltoluene

Concen: 10.361 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

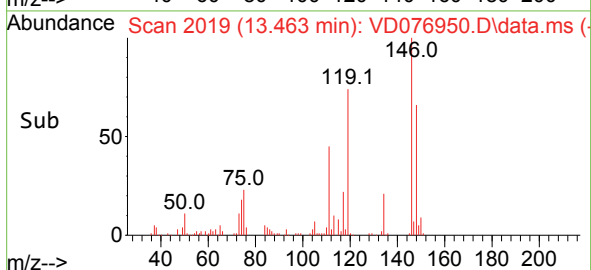
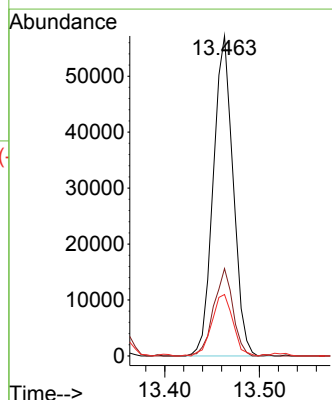
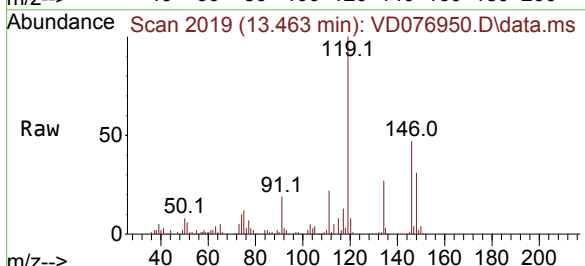
Tgt Ion:119 Resp: 83267

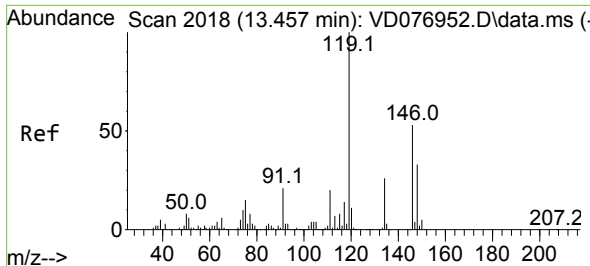
Ion Ratio Lower Upper

119 100

134 26.5 14.2 42.6

91 20.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 10.787 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

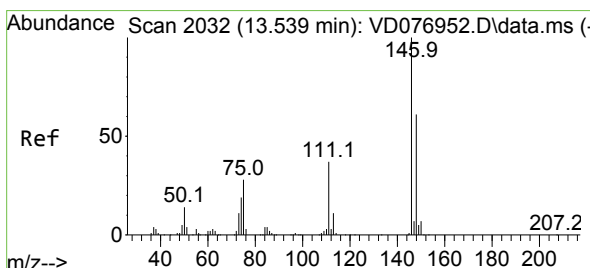
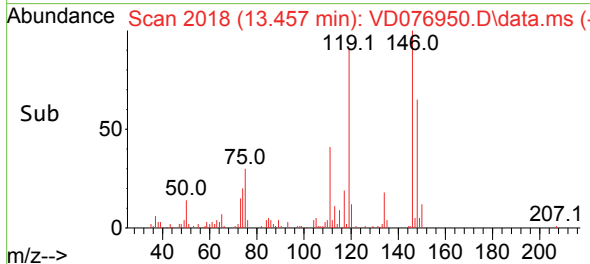
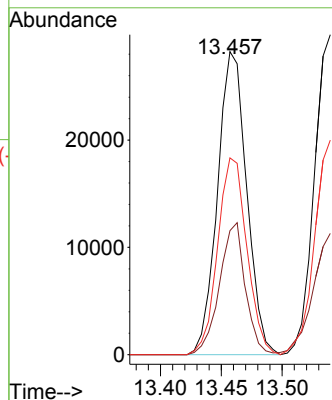
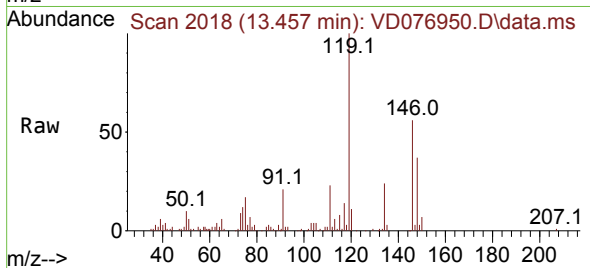
Tgt Ion:146 Resp: 47118

Ion Ratio Lower Upper

146 100

111 38.5 17.9 53.8

148 65.1 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 11.216 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

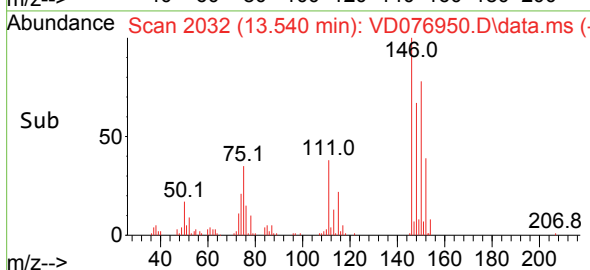
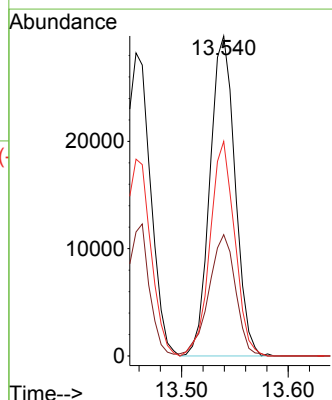
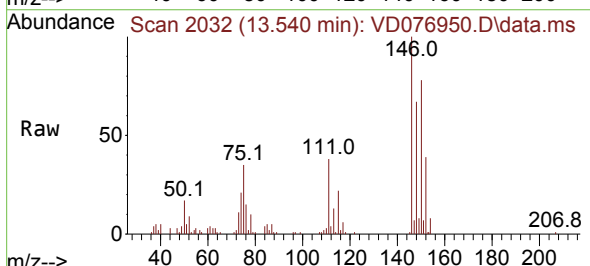
Tgt Ion:146 Resp: 48845

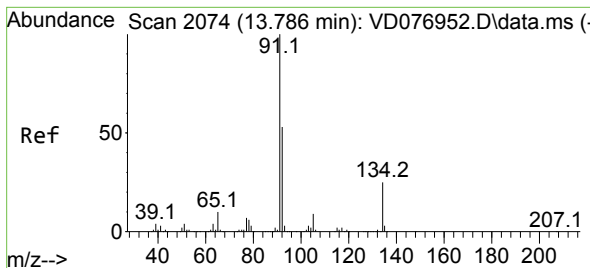
Ion Ratio Lower Upper

146 100

111 40.5 17.4 52.3

148 65.9 31.7 95.1





#89

n-Butylbenzene

Concen: 10.300 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD076950.D

Acq: 08 Aug 2023 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

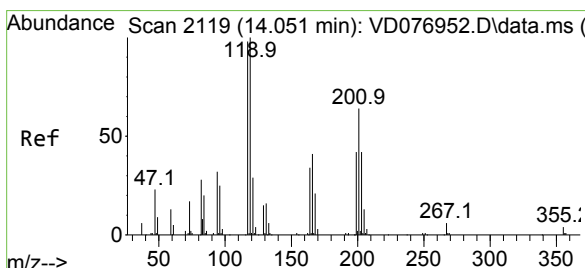
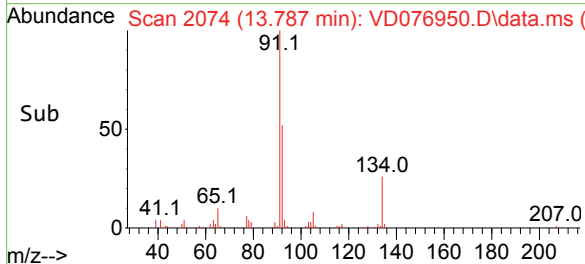
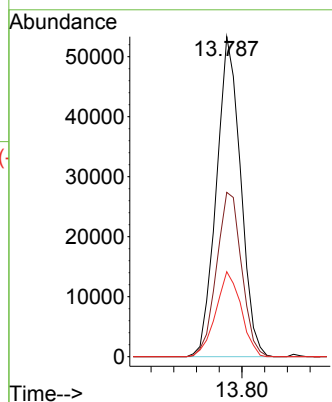
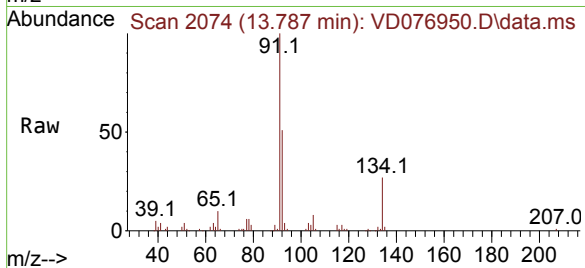
Tgt Ion: 91 Resp: 78854

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 27.7 13.8 41.3



#90

Hexachloroethane

Concen: 11.332 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD076950.D

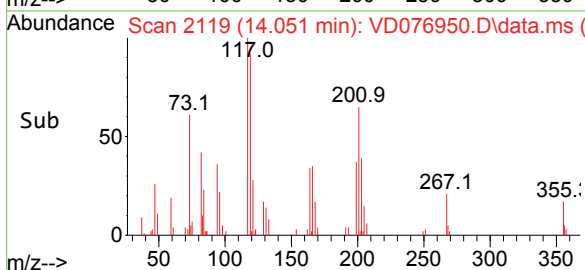
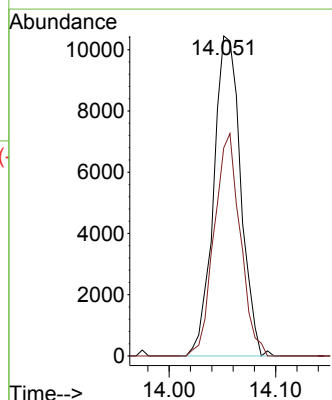
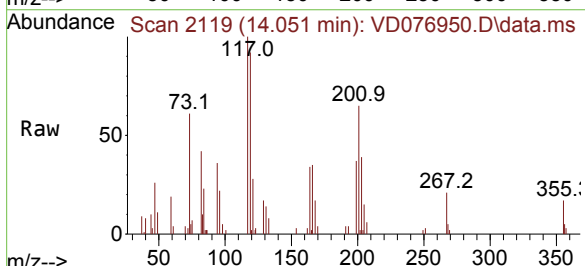
Acq: 08 Aug 2023 13:07

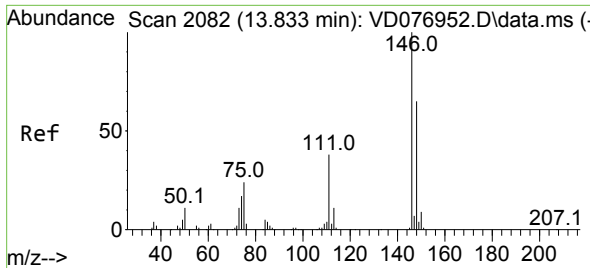
Tgt Ion: 117 Resp: 18403

Ion Ratio Lower Upper

117 100

201 67.2 38.5 115.5

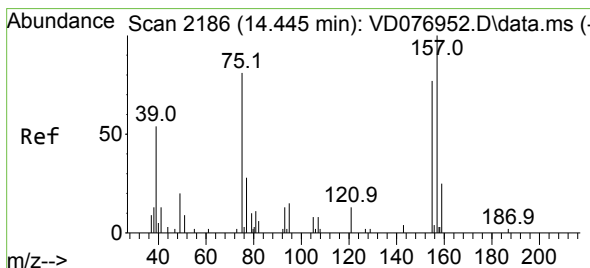
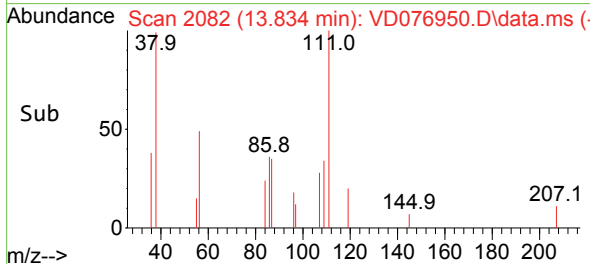
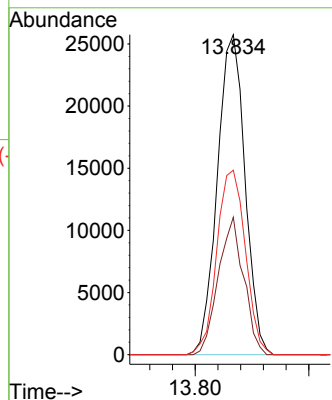
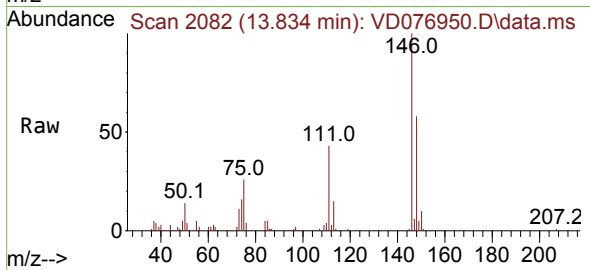




#91
1,2-Dichlorobenzene
Concen: 11.235 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

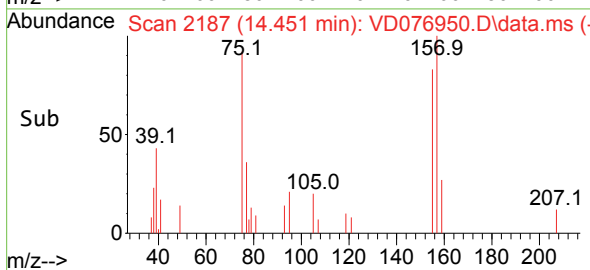
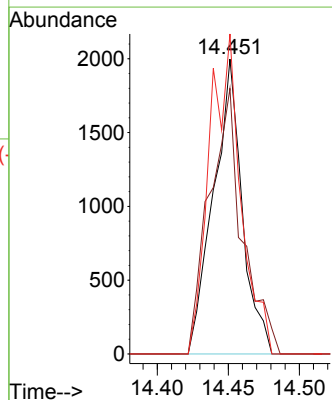
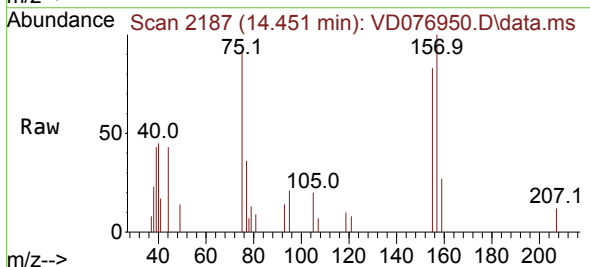
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

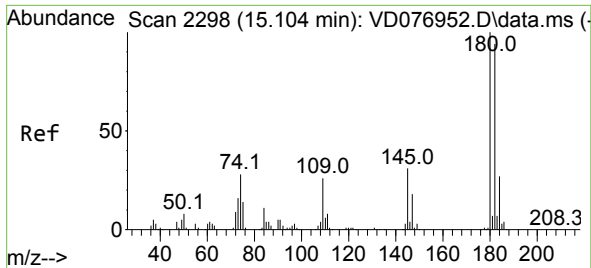
Tgt Ion:146 Resp: 43632
Ion Ratio Lower Upper
146 100
111 39.3 18.3 54.8
148 59.5 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.788 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion: 75 Resp: 2797
Ion Ratio Lower Upper
75 100
155 103.9 47.9 143.8
157 118.9 59.9 179.7

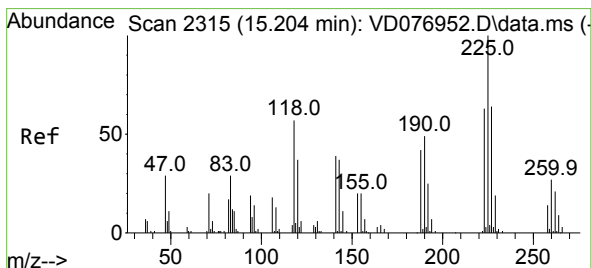
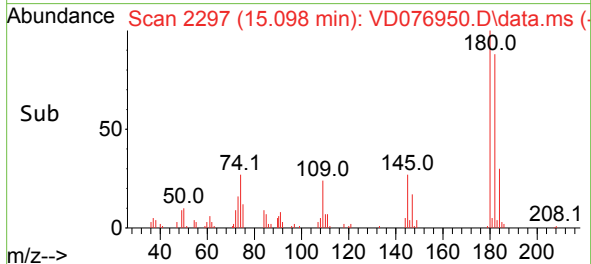
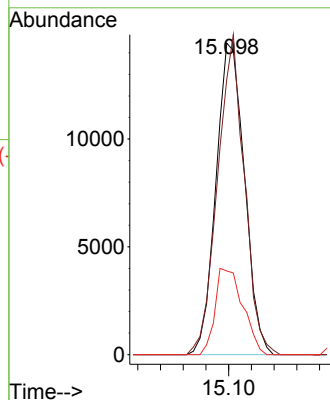
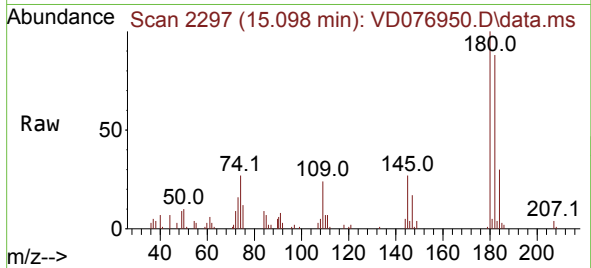




#93
 1,2,4-Trichlorobenzene
 Concen: 10.479 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD076950.D
 Acq: 08 Aug 2023 13:07

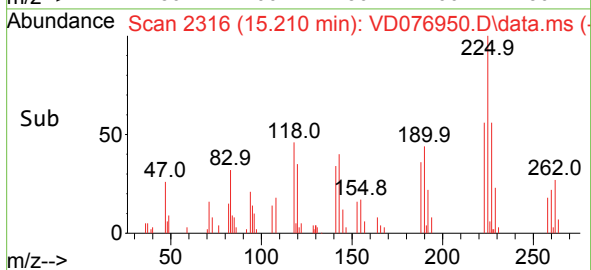
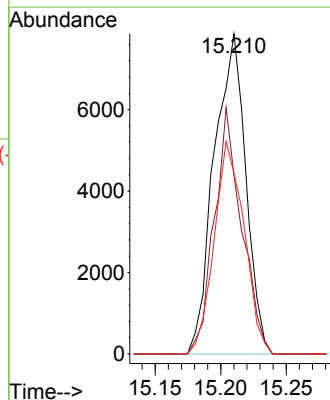
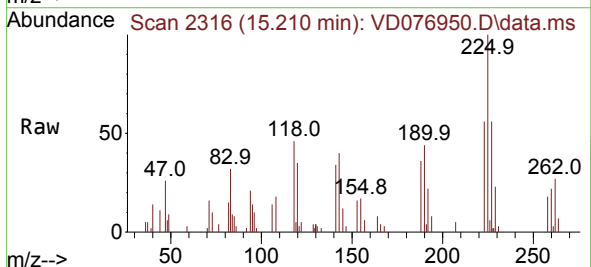
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

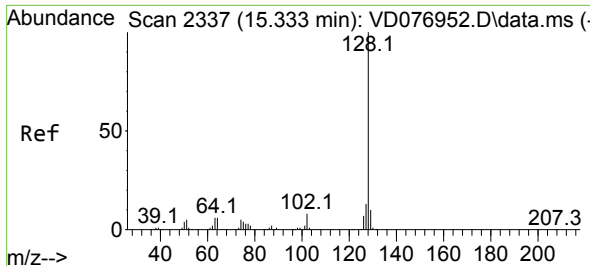
Tgt Ion:180 Resp: 25169
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.5 145.6
 145 26.9 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 10.973 ug/l
 RT: 15.210 min Scan# 2316
 Delta R.T. 0.006 min
 Lab File: VD076950.D
 Acq: 08 Aug 2023 13:07

Tgt Ion:225 Resp: 13185
 Ion Ratio Lower Upper
 225 100
 223 66.6 31.6 94.8
 227 62.7 31.7 95.1

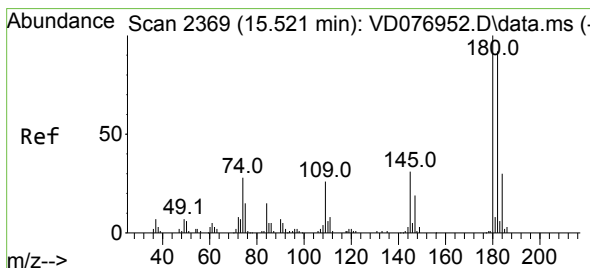
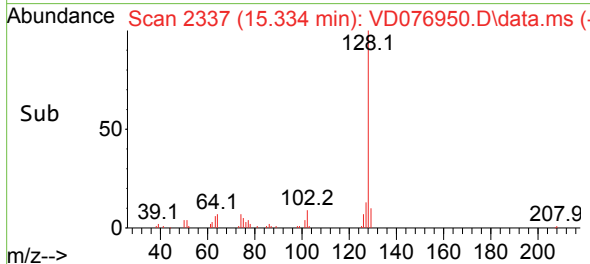
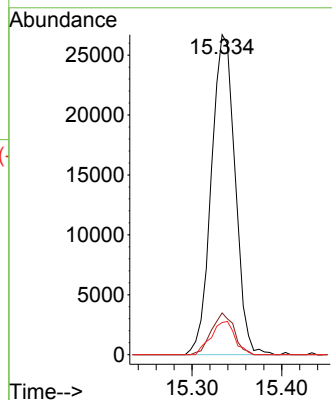
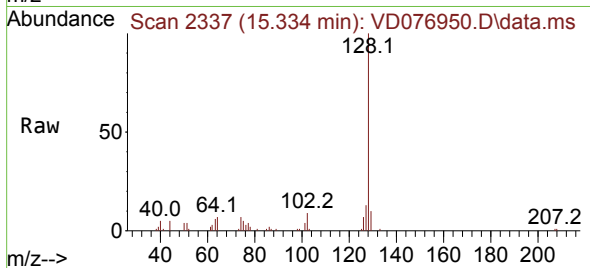




#95
Naphthalene
Concen: 10.045 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:	128	Resp:	49073
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 10.261 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD076950.D
Acq: 08 Aug 2023 13:07

Tgt Ion:	180	Resp:	21975
Ion	Ratio	Lower	Upper
180	100		
182	103.9	47.3	141.9
145	32.2	15.1	45.3

