

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060123\
 Data File : VD076304.D
 Acq On : 01 Jun 2023 18:37
 Operator : KP/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 02 05:36:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 05:32:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	171674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	316969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	303393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162501	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	37678	22.520	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	45.040%#
35) Dibromofluoromethane	7.799	113	42491	20.308	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.620%#
50) Toluene-d8	10.269	98	159605	19.784	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	39.560%#
62) 4-Bromofluorobenzene	12.575	95	46464	20.649	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	41.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	29732	19.015	ug/l	98
3) Chloromethane	2.146	50	83672	22.658	ug/l	99
4) Vinyl Chloride	2.275	62	84141	20.394	ug/l	97
5) Bromomethane	2.664	94	40152	18.183	ug/l	100
6) Chloroethane	2.816	64	57616	21.045	ug/l	98
7) Trichlorofluoromethane	3.158	101	54893	19.395	ug/l	96
8) Diethyl Ether	3.593	74	22061	21.969	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.952	101	34718	18.852	ug/l	98
10) Methyl Iodide	4.152	142	43646	20.273	ug/l	100
11) Tert butyl alcohol	5.063	59	12196	114.505	ug/l	97
12) 1,1-Dichloroethene	3.928	96	38780	20.279	ug/l	97
13) Acrolein	3.793	56	16049	140.667	ug/l	95
14) Allyl chloride	4.546	41	41238	21.765	ug/l	97
15) Acrylonitrile	5.258	53	47863	115.245	ug/l	99
16) Acetone	4.022	43	32510	115.895	ug/l #	86
17) Carbon Disulfide	4.258	76	129069	20.271	ug/l	98
18) Methyl Acetate	4.558	43	32814	23.286	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	83527	21.645	ug/l	98
20) Methylene Chloride	4.793	84	64170	24.063	ug/l	98
21) trans-1,2-Dichloroethene	5.305	96	47032	21.166	ug/l	97
22) Diisopropyl ether	6.210	45	102346	22.759	ug/l	96
23) Vinyl Acetate	6.152	43	233305	110.134	ug/l	98
24) 1,1-Dichloroethane	6.105	63	77208	21.912	ug/l	97
25) 2-Butanone	7.087	43	51352	117.628	ug/l	98
26) 2,2-Dichloropropane	7.069	77	58248	20.921	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	52164	21.424	ug/l	98
28) Bromochloromethane	7.422	49	31760	23.427	ug/l	98
29) Tetrahydrofuran	7.440	42	31029	115.669	ug/l	99
30) Chloroform	7.593	83	82532	22.264	ug/l	99
31) Cyclohexane	7.869	56	47798	18.560	ug/l	95
32) 1,1,1-Trichloroethane	7.787	97	59990	20.710	ug/l	98
36) 1,1-Dichloropropene	8.004	75	54207	18.734	ug/l	99
37) Ethyl Acetate	7.169	43	21282	19.397	ug/l	97
38) Carbon Tetrachloride	7.987	117	45264	18.165	ug/l	94
39) Methylcyclohexane	9.275	83	51358	15.753	ug/l	95
40) Benzene	8.246	78	183849	20.019	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	8978	16.220	ug/l #	64
42) 1,2-Dichloroethane	8.322	62	46527	20.846	ug/l	98
43) Isopropyl Acetate	8.357	43	40333	20.416	ug/l	100
44) Trichloroethene	9.028	130	47635	18.770	ug/l	98
45) 1,2-Dichloropropane	9.298	63	45354	20.459	ug/l	99
46) Dibromomethane	9.393	93	27783	21.356	ug/l	98
47) Bromodichloromethane	9.581	83	62932	20.648	ug/l	97
48) Methyl methacrylate	9.381	41	16581	19.549	ug/l	96
49) 1,4-Dioxane	9.381	88	6667	423.274	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	110233	105.468	ug/l	98
52) Toluene	10.334	92	114111	20.303	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	58434	20.503	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	67974	20.190	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	39454	21.304	ug/l	97
56) Ethyl methacrylate	10.598	69	38764	20.046	ug/l	99
57) 1,3-Dichloropropane	10.881	76	61249	20.970	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	67965	85.286	ug/l	99
59) 2-Hexanone	10.922	43	72071	103.602	ug/l	99
60) Dibromochloromethane	11.069	129	43769	20.623	ug/l	95
61) 1,2-Dibromoethane	11.181	107	35030	20.472	ug/l	99
64) Tetrachloroethene	10.810	164	38942	18.016	ug/l	94
65) Chlorobenzene	11.604	112	130337	19.983	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	44597	19.762	ug/l	98
67) Ethyl Benzene	11.687	91	194072	18.624	ug/l	97
68) m/p-Xylenes	11.792	106	166314	38.581	ug/l	97
69) o-Xylene	12.122	106	74598	18.862	ug/l	97
70) Styrene	12.134	104	139191	20.392	ug/l	100
71) Bromoform	12.298	173	26916	21.055	ug/l #	99
73) Isopropylbenzene	12.422	105	175207	17.701	ug/l	99
74) N-amyl acetate	12.234	43	36965	19.111	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	45807	20.289	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	52236	35.637	ug/l #	100
77) Bromobenzene	12.698	156	52165	19.063	ug/l	95
78) n-propylbenzene	12.763	91	224899	18.202	ug/l	99
79) 2-Chlorotoluene	12.845	91	130263	18.900	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	153612	18.645	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	12774	20.044	ug/l	97
82) 4-Chlorotoluene	12.945	91	143396	19.406	ug/l	99
83) tert-Butylbenzene	13.169	119	124045	17.722	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	158430	18.840	ug/l	99
85) sec-Butylbenzene	13.345	105	188210	17.693	ug/l	100
86) p-Isopropyltoluene	13.463	119	160381	18.029	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	108491	19.586	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	111734	19.863	ug/l	99
89) n-Butylbenzene	13.786	91	141202	17.282	ug/l	99
90) Hexachloroethane	14.051	117	34114	18.963	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	97176	19.940	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6115	20.946	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	51370	18.419	ug/l	97
94) Hexachlorobutadiene	15.204	225	22129	16.929	ug/l	96
95) Naphthalene	15.333	128	100459	18.734	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	47321	18.482	ug/l	99

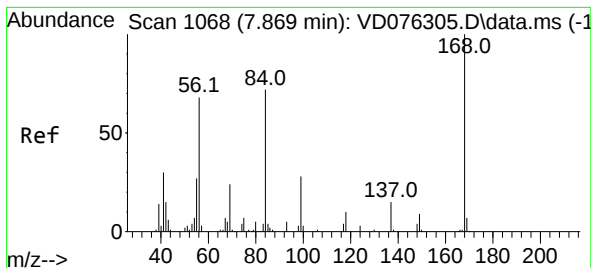
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Quant Title : SW846 8260
QLast Update : Fri Jun 02 05:32:50 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

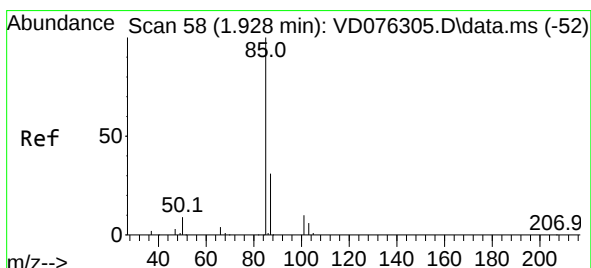
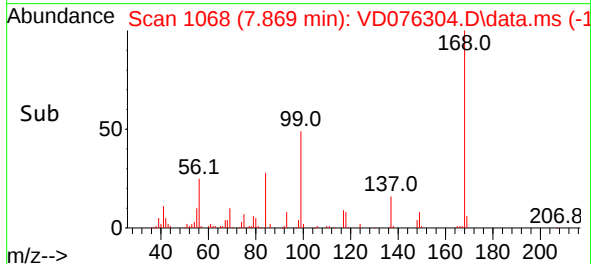
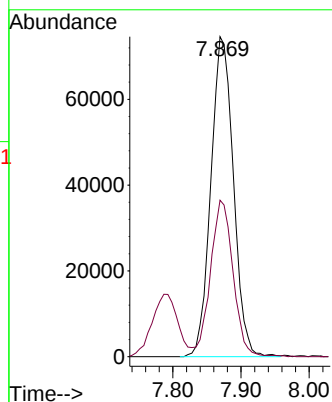
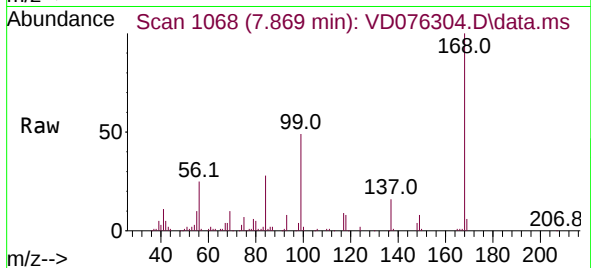
VSTDICC020

Tgt Ion:168 Resp: 171674

Ion Ratio Lower Upper

168 100

99 48.6 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 19.015 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD076304.D

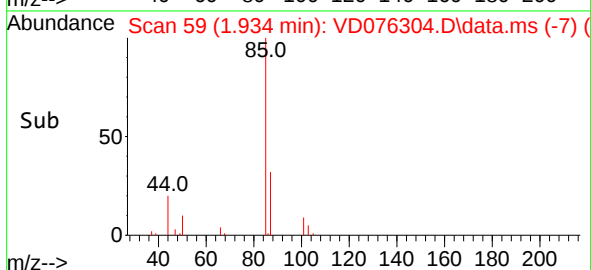
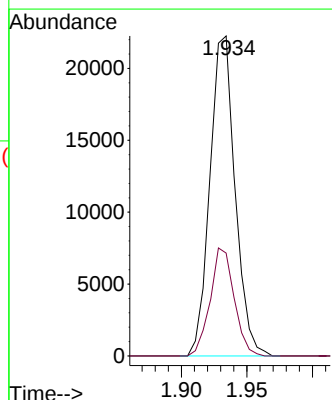
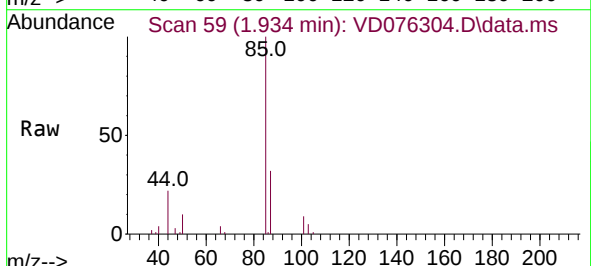
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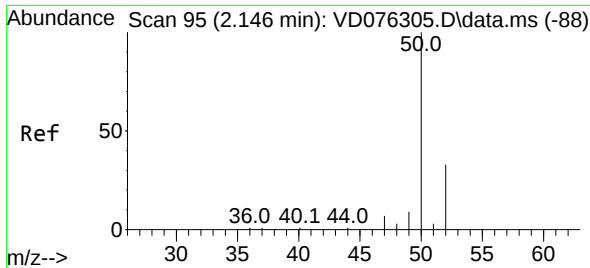
Tgt Ion: 85 Resp: 29732

Ion Ratio Lower Upper

85 100

87 32.1 15.7 47.0

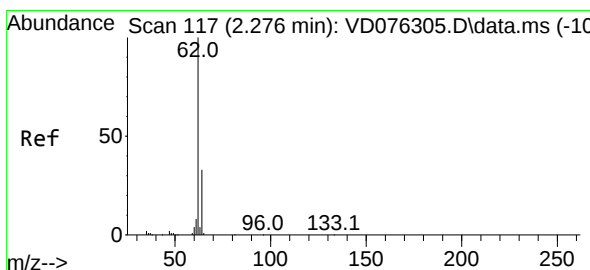
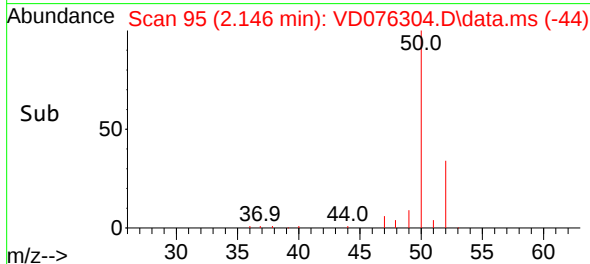
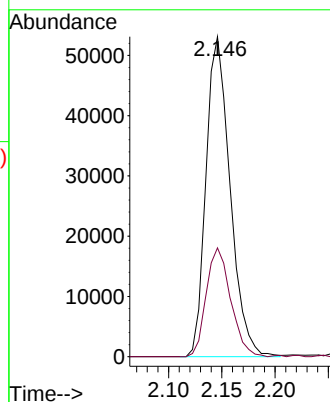
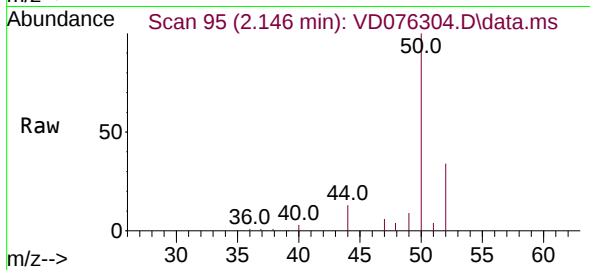




#3
Chloromethane
Concen: 22.658 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

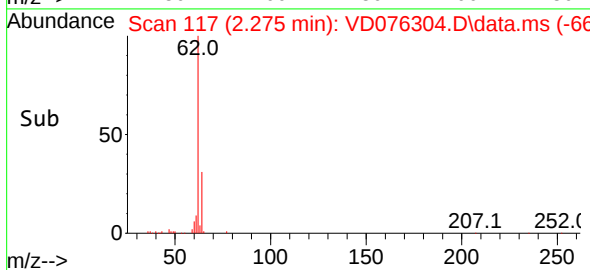
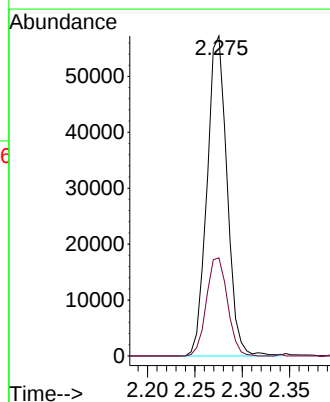
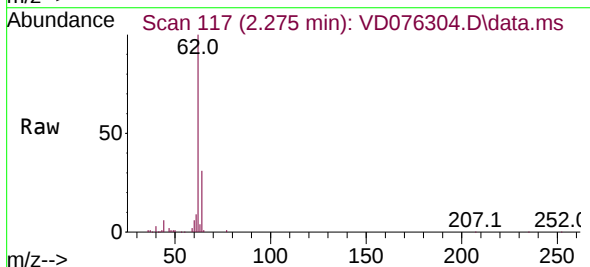
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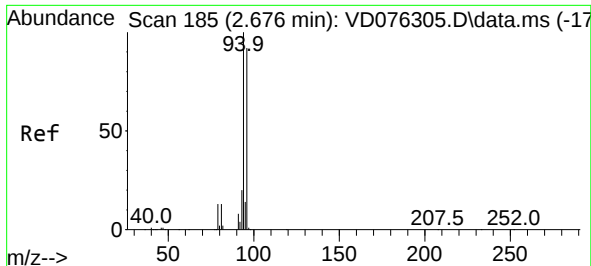
Tgt Ion: 50 Resp: 83672
Ion Ratio Lower Upper
50 100
52 34.0 26.6 40.0



#4
Vinyl Chloride
Concen: 20.394 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion: 62 Resp: 84141
Ion Ratio Lower Upper
62 100
64 30.7 26.0 39.0

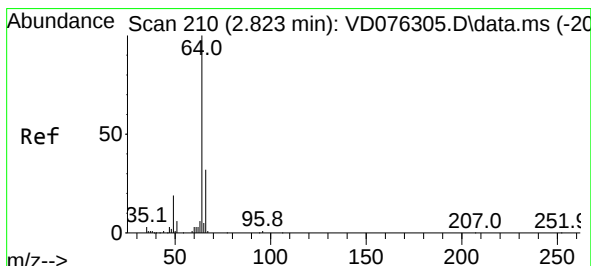
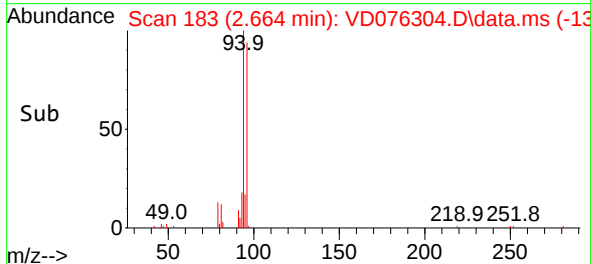
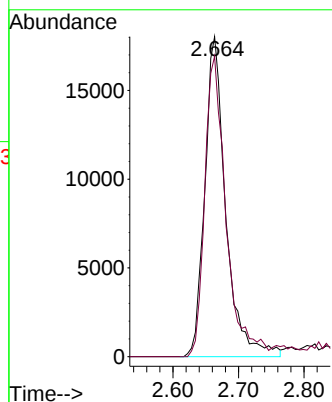
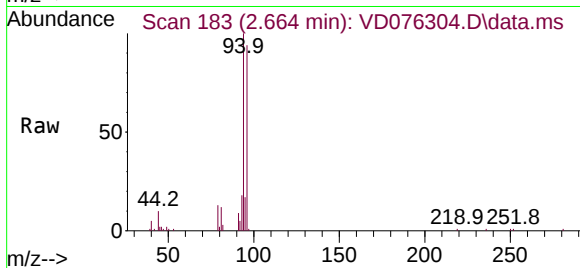




#5
Bromomethane
Concen: 18.183 ug/l
RT: 2.664 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

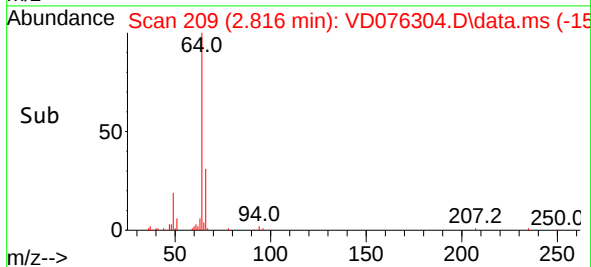
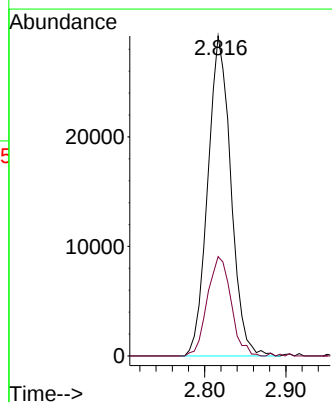
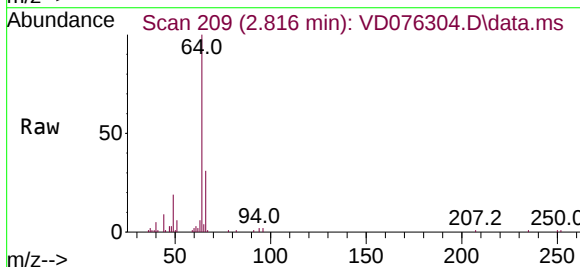
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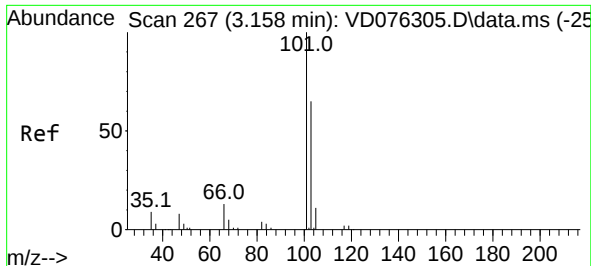
Tgt Ion: 94 Resp: 40152
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.8



#6
Chloroethane
Concen: 21.045 ug/l
RT: 2.816 min Scan# 209
Delta R.T. -0.007 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion: 64 Resp: 57616
Ion Ratio Lower Upper
64 100
66 31.0 25.5 38.3

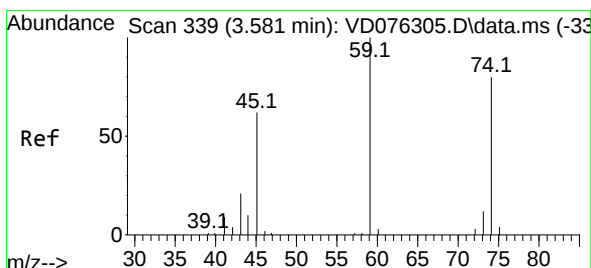
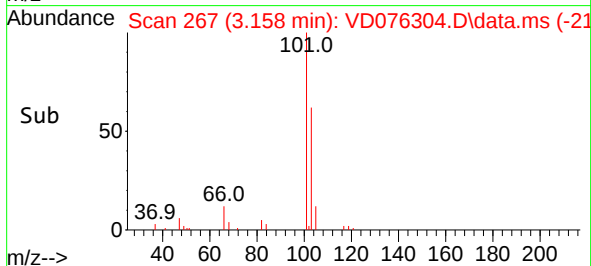
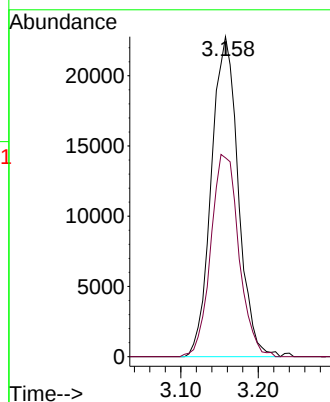
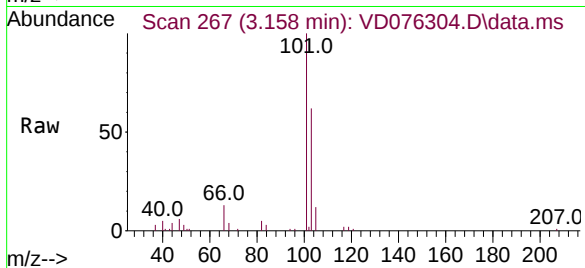




#7
 Trichlorofluoromethane
 Concen: 19.395 ug/l
 RT: 3.158 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076304.D
 Acq: 01 Jun 2023 18:37

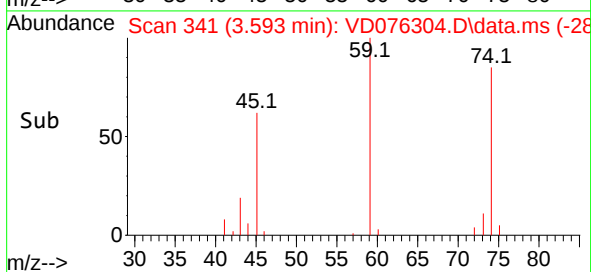
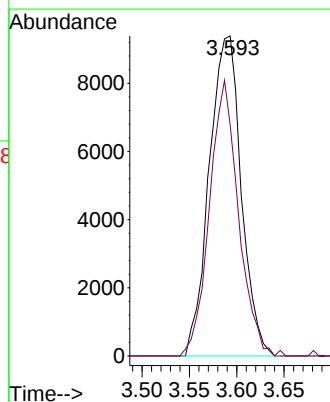
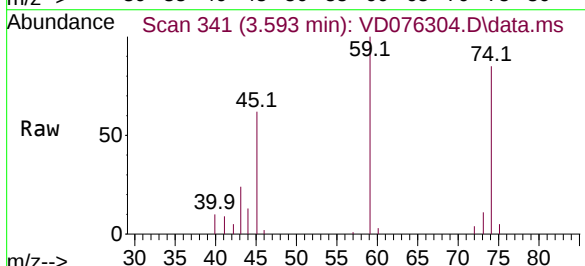
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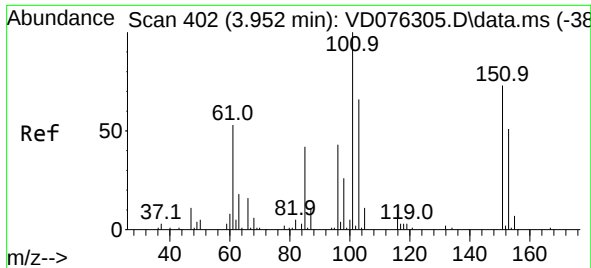
Tgt Ion:101 Resp: 54893
 Ion Ratio Lower Upper
 101 100
 103 62.1 52.3 78.5



#8
 Diethyl Ether
 Concen: 21.969 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.012 min
 Lab File: VD076304.D
 Acq: 01 Jun 2023 18:37

Tgt Ion: 74 Resp: 22061
 Ion Ratio Lower Upper
 74 100
 45 78.0 37.5 112.7

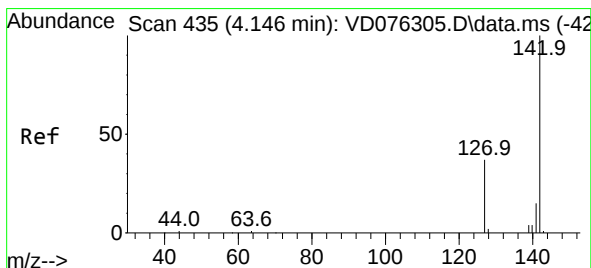
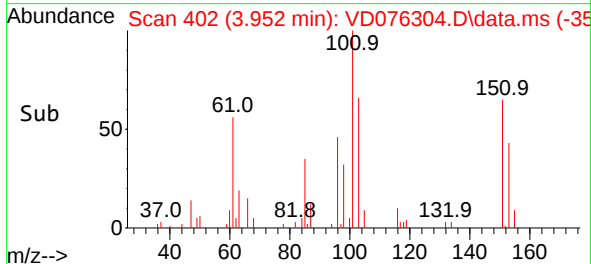
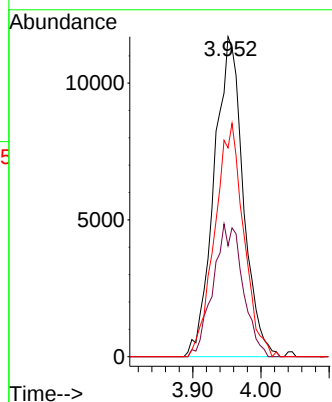
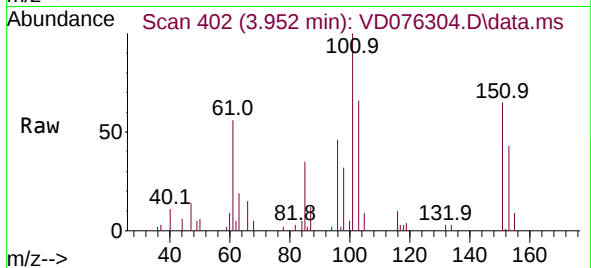




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.852 ug/l
RT: 3.952 min Scan# 402
Delta R.T. -0.000 min
Lab File: VD076304.D
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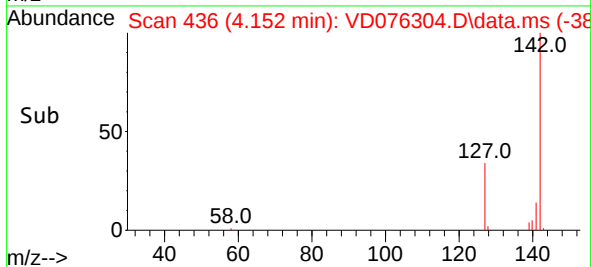
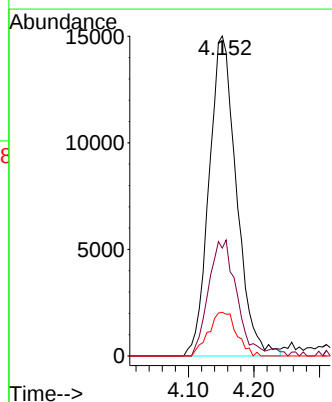
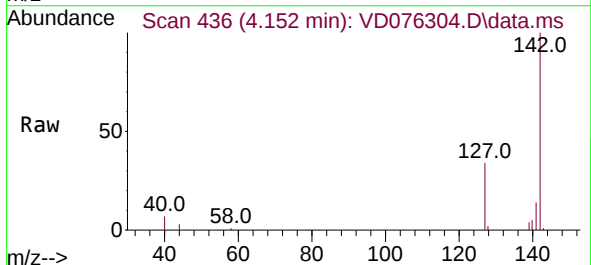
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ClientSampleId :
VSTDIC020

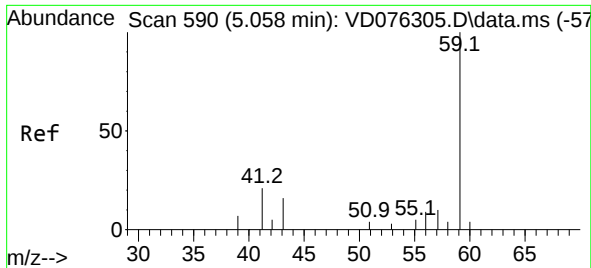
Tgt Ion:	101	Resp:	34718
Ion	Ratio	Lower	Upper
101	100		
85	42.5	33.8	50.6
151	72.5	59.8	89.6



#10
Methyl Iodide
Concen: 20.273 ug/l
RT: 4.152 min Scan# 436
Delta R.T. 0.006 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion:	142	Resp:	43646
Ion	Ratio	Lower	Upper
142	100		
127	36.8	29.4	44.0
141	13.9	11.1	16.7

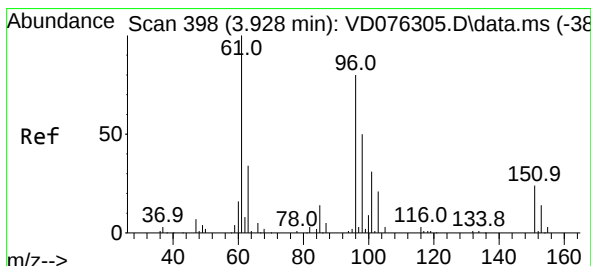
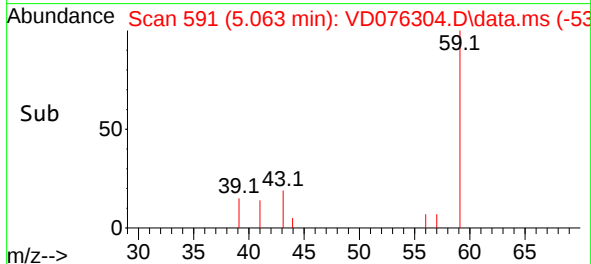
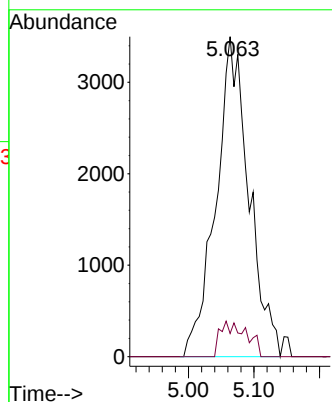
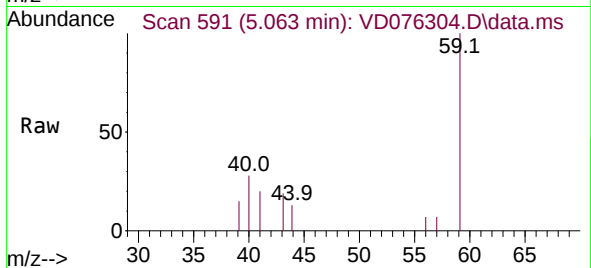




#11
Tert butyl alcohol
Concen: 114.505 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

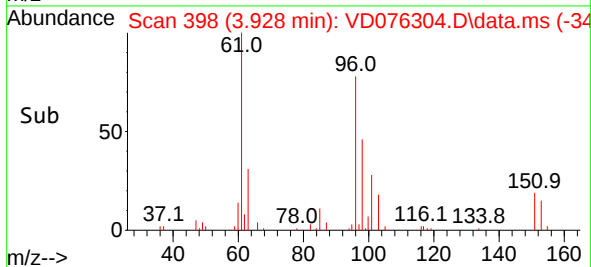
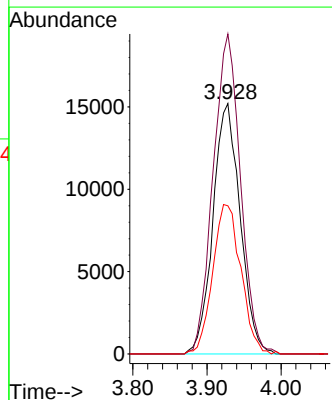
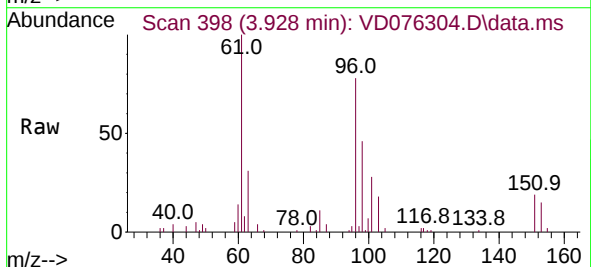
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

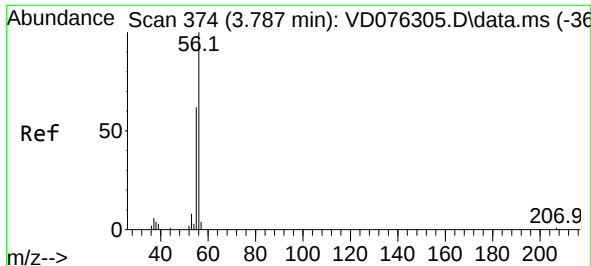
Tgt Ion: 59 Resp: 12196
Ion Ratio Lower Upper
59 100
57 8.7 7.8 11.8



#12
1,1-Dichloroethene
Concen: 20.279 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion: 96 Resp: 38780
Ion Ratio Lower Upper
96 100
61 127.8 100.6 150.8
98 59.2 50.2 75.2





#13

Acrolein

Concen: 140.667 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

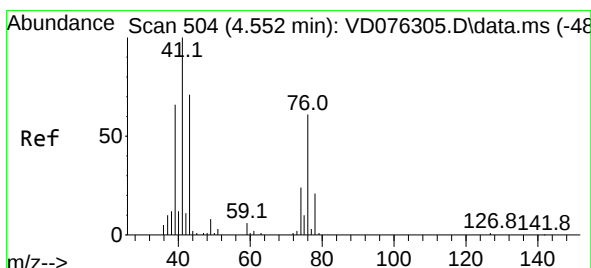
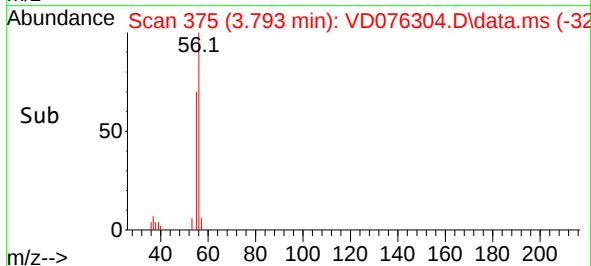
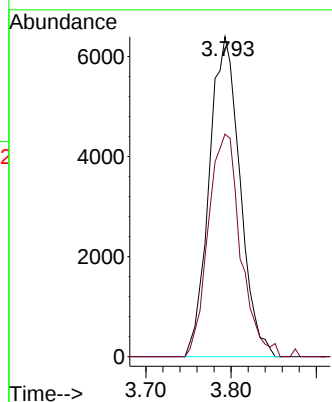
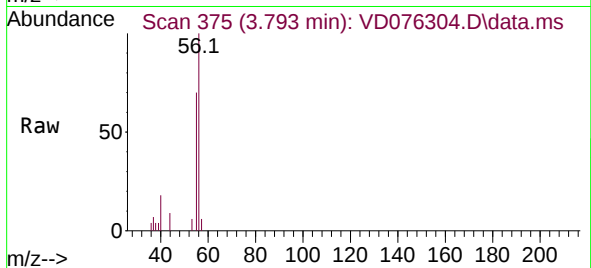
VSTDICC020

Tgt Ion: 56 Resp: 16049

Ion Ratio Lower Upper

56 100

55 72.9 55.1 82.7



#14

Allyl chloride

Concen: 21.765 ug/l

RT: 4.546 min Scan# 503

Delta R.T. -0.006 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

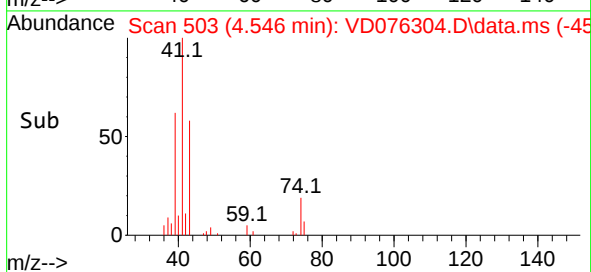
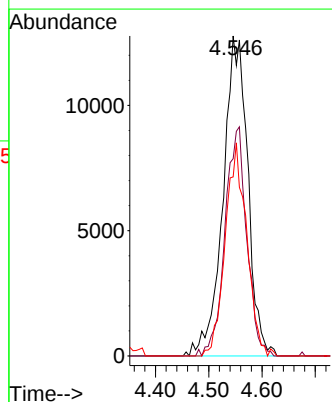
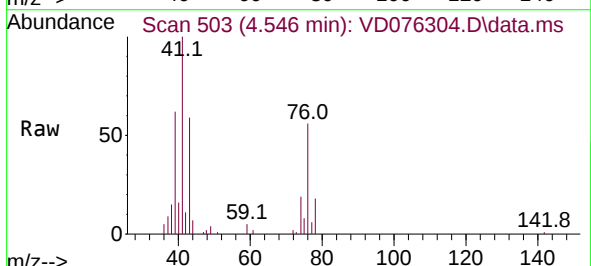
Tgt Ion: 41 Resp: 41238

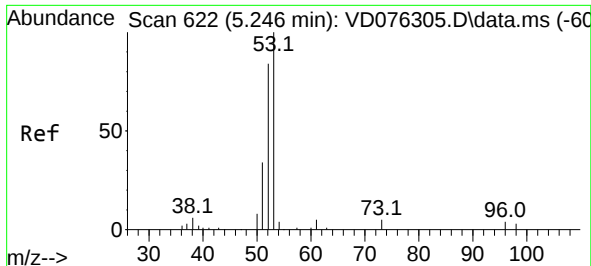
Ion Ratio Lower Upper

41 100

39 63.0 53.8 80.6

76 57.7 45.8 68.8

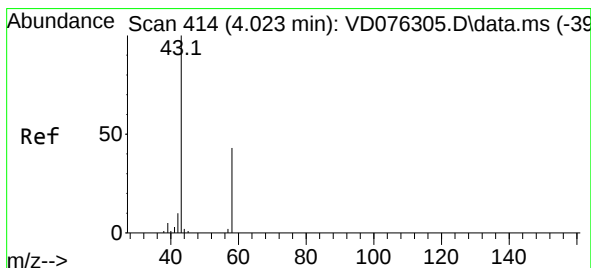
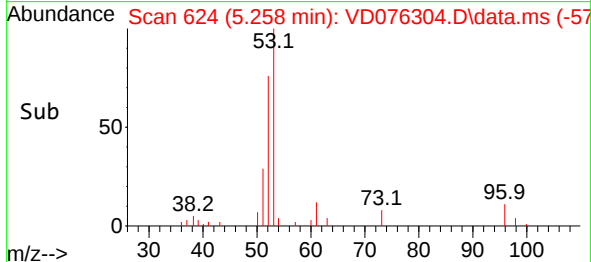
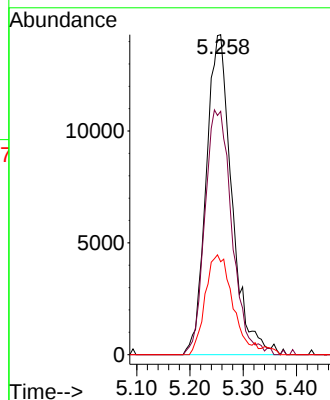
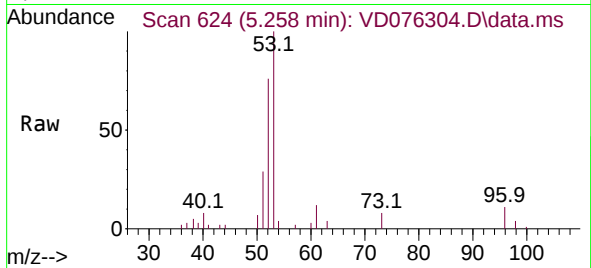




#15
Acrylonitrile
Concen: 115.245 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

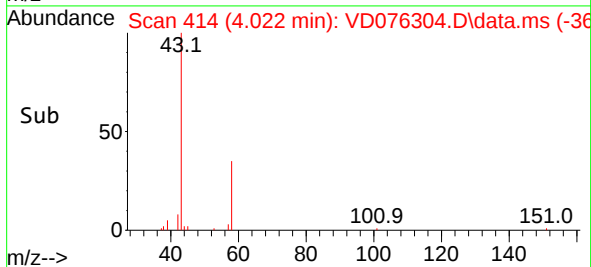
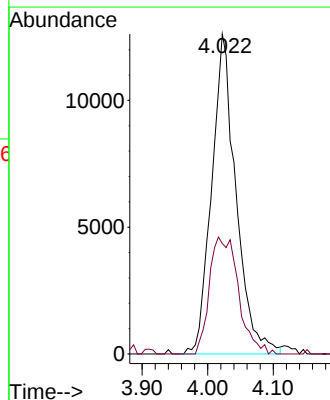
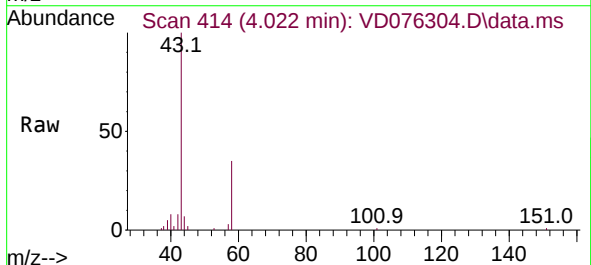
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

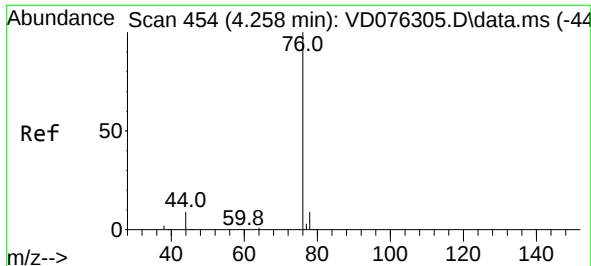
Tgt Ion: 53 Resp: 47863
Ion Ratio Lower Upper
53 100
52 80.5 65.0 97.4
51 33.6 28.3 42.5



#16
Acetone
Concen: 115.895 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion: 43 Resp: 32510
Ion Ratio Lower Upper
43 100
58 34.5 34.7 52.1#

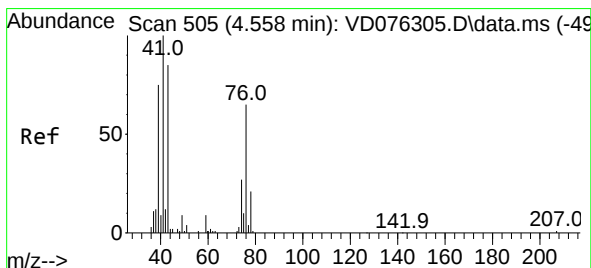
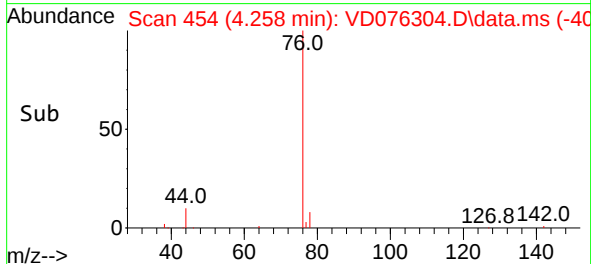
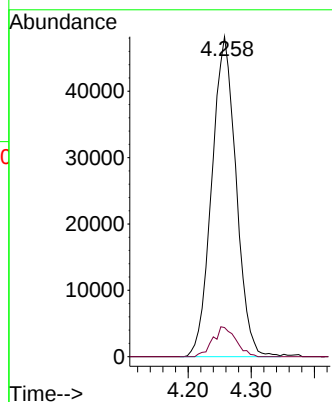
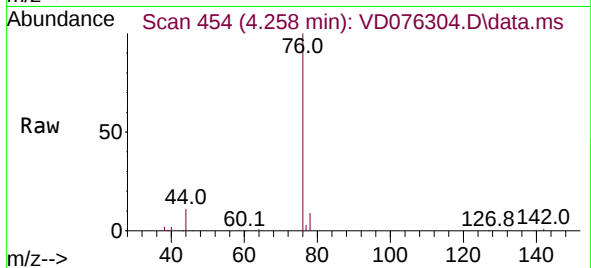




#17
Carbon Disulfide
Concen: 20.271 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

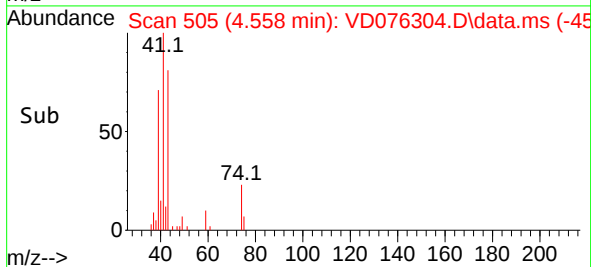
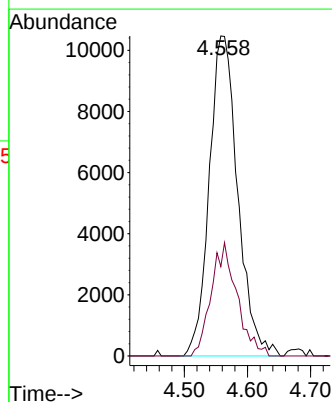
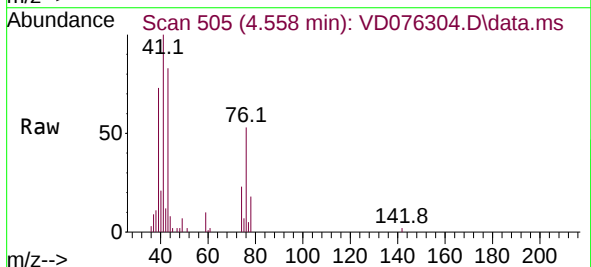
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

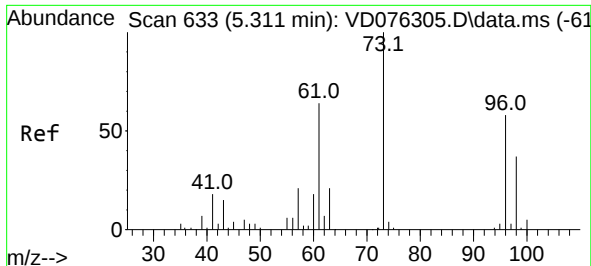
Tgt Ion: 76 Resp: 129069
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 23.286 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion: 43 Resp: 32814
Ion Ratio Lower Upper
43 100
74 32.1 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 21.645 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

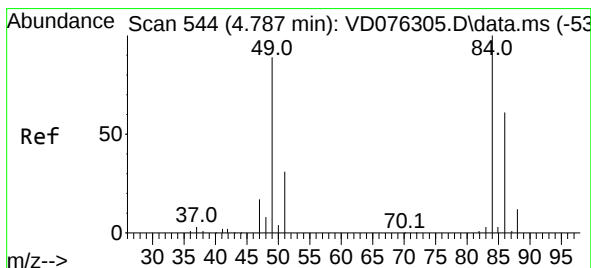
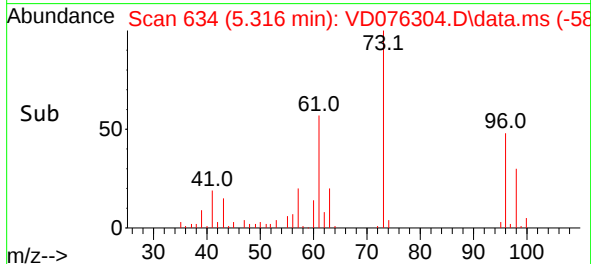
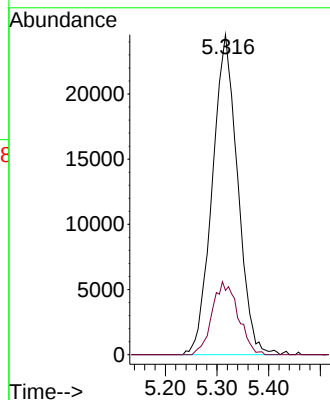
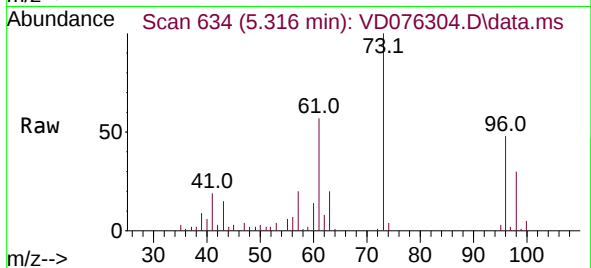
VSTDIC020

Tgt Ion: 73 Resp: 83527

Ion Ratio Lower Upper

73 100

57 20.1 16.6 25.0



#20

Methylene Chloride

Concen: 24.063 ug/l

RT: 4.793 min Scan# 545

Delta R.T. 0.006 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Tgt Ion: 84 Resp: 64170

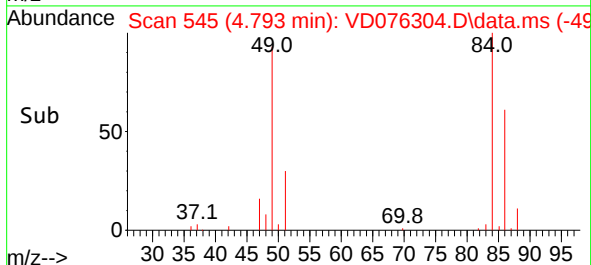
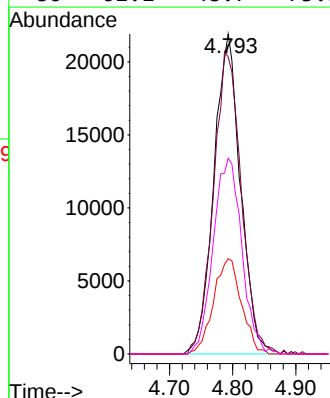
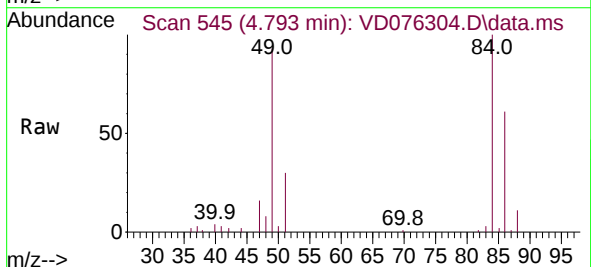
Ion Ratio Lower Upper

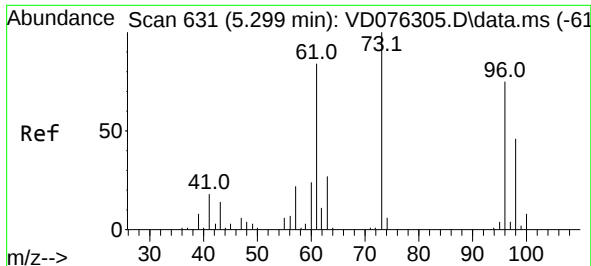
84 100

49 92.8 71.4 107.2

51 29.7 24.5 36.7

86 61.1 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 21.166 ug/l

RT: 5.305 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

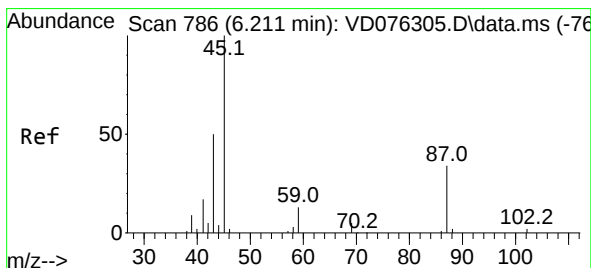
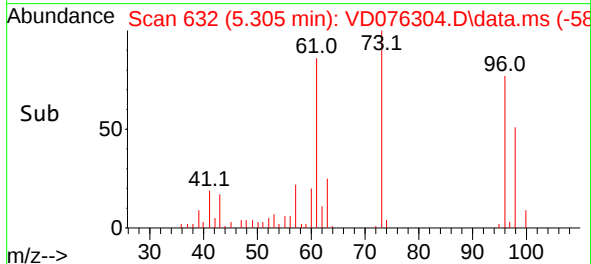
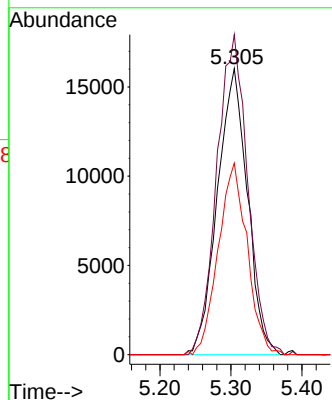
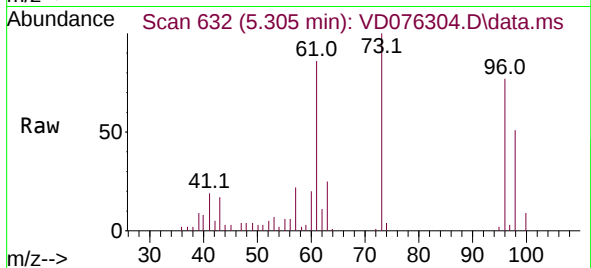
Tgt Ion: 96 Resp: 47032

Ion Ratio Lower Upper

96 100

61 111.9 89.3 133.9

98 67.0 48.6 73.0



#22

Diisopropyl ether

Concen: 22.759 ug/l

RT: 6.210 min Scan# 786

Delta R.T. -0.000 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Tgt Ion: 45 Resp: 102346

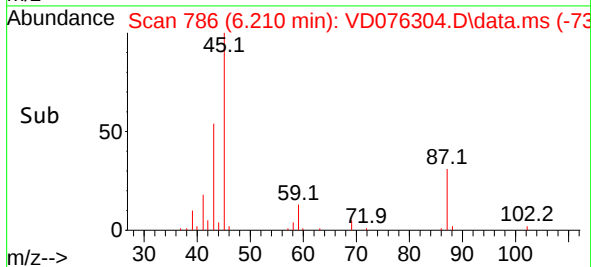
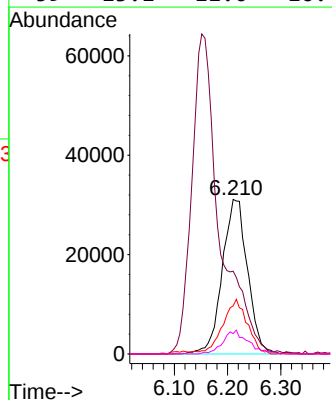
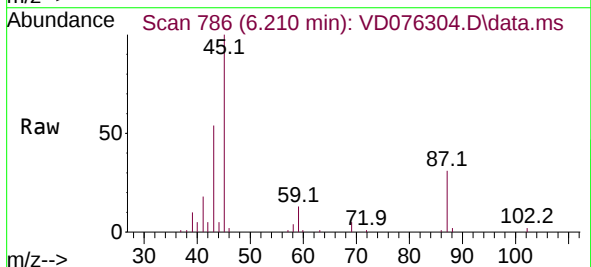
Ion Ratio Lower Upper

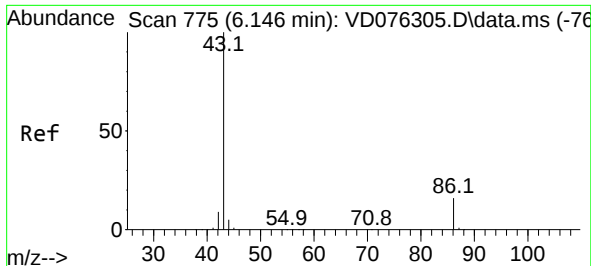
45 100

43 52.0 40.0 60.0

87 30.7 28.2 42.4

59 13.1 11.0 16.4

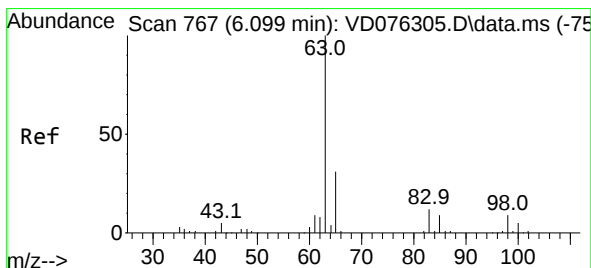
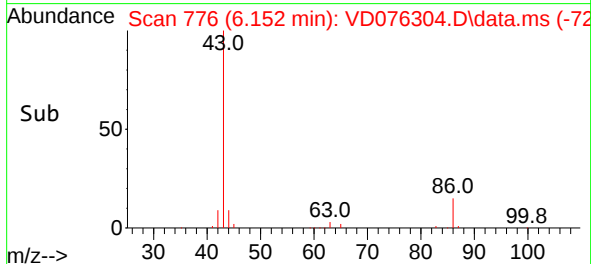
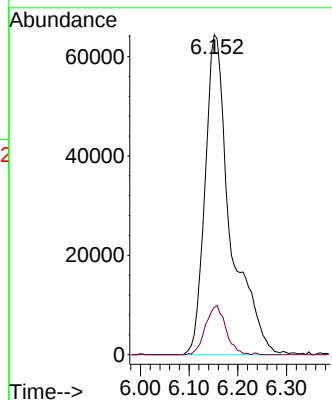
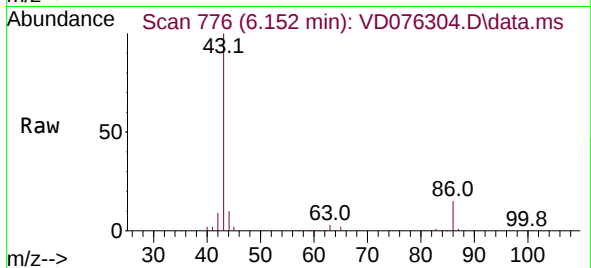




#23
 Vinyl Acetate
 Concen: 110.134 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VD076304.D
 Acq: 01 Jun 2023 18:37

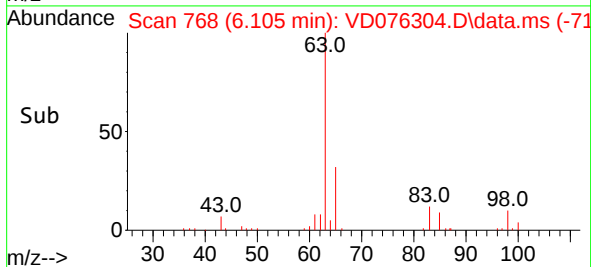
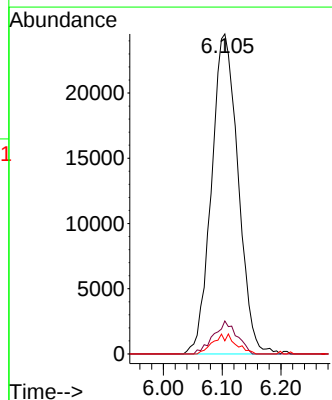
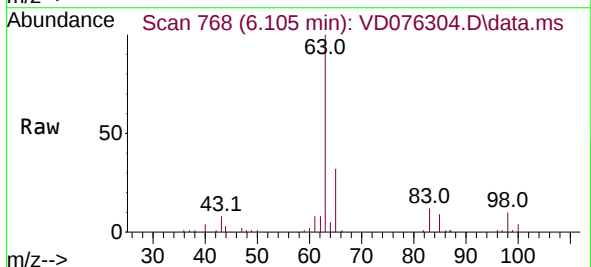
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

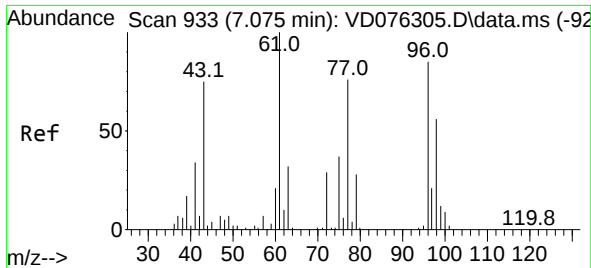
Tgt Ion: 43 Resp: 233305
 Ion Ratio Lower Upper
 43 100
 86 14.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 21.912 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.006 min
 Lab File: VD076304.D
 Acq: 01 Jun 2023 18:37

Tgt Ion: 63 Resp: 77208
 Ion Ratio Lower Upper
 63 100
 98 10.3 4.5 13.7
 100 4.1 2.5 7.5

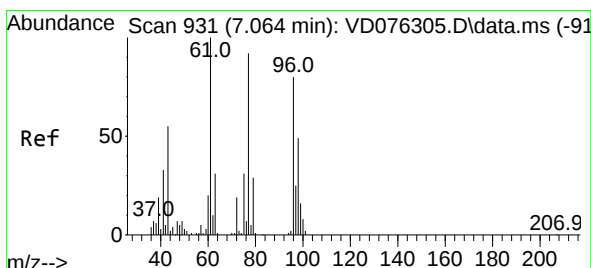
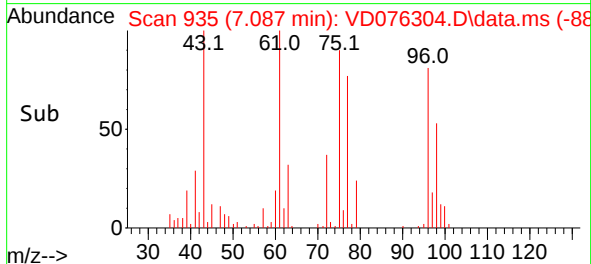
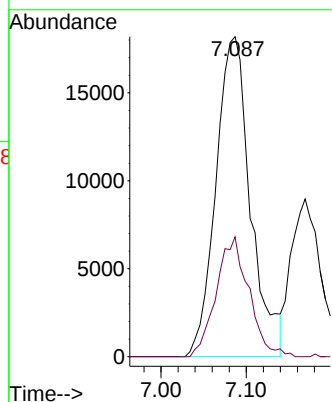
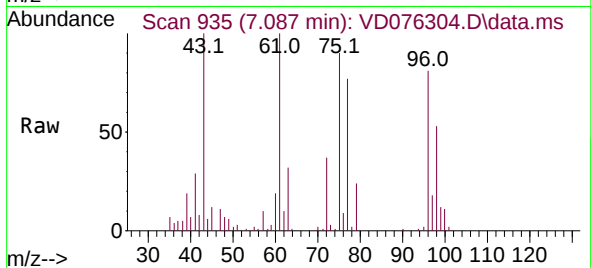




#25
2-Butanone
Concen: 117.628 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

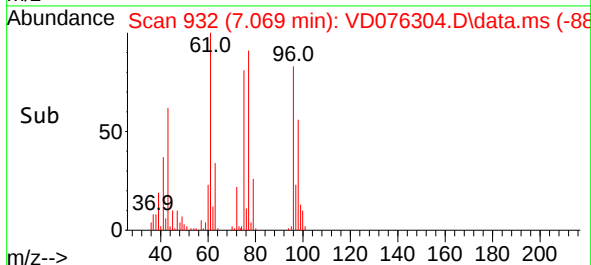
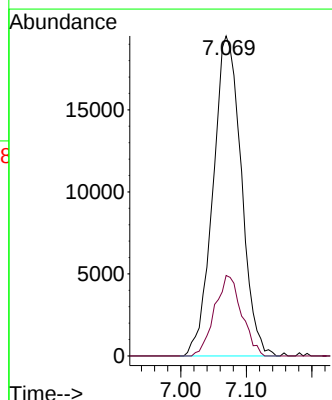
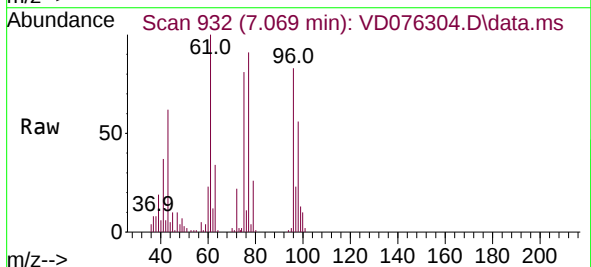
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

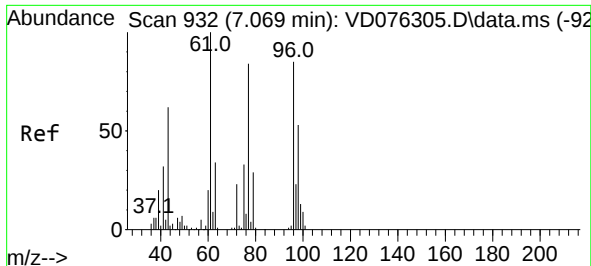
Tgt Ion: 43 Resp: 51352
Ion Ratio Lower Upper
43 100
72 37.5 30.7 46.1



#26
2,2-Dichloropropane
Concen: 20.921 ug/l
RT: 7.069 min Scan# 932
Delta R.T. 0.006 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion: 77 Resp: 58248
Ion Ratio Lower Upper
77 100
97 24.1 13.2 39.6



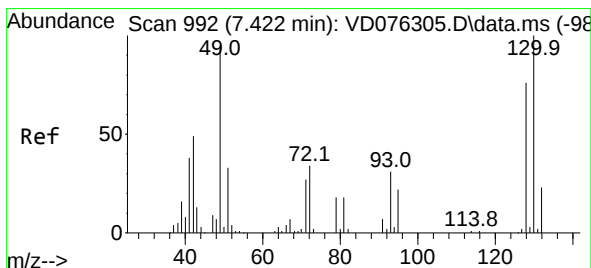
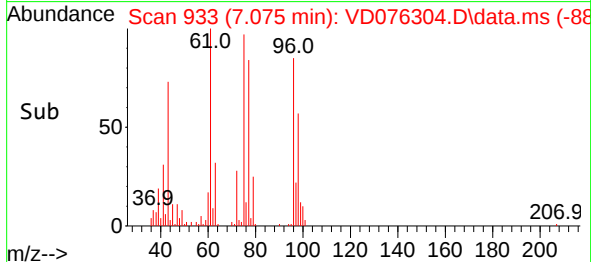
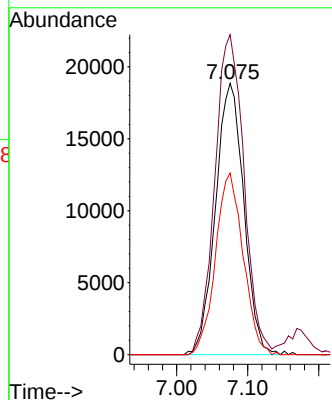
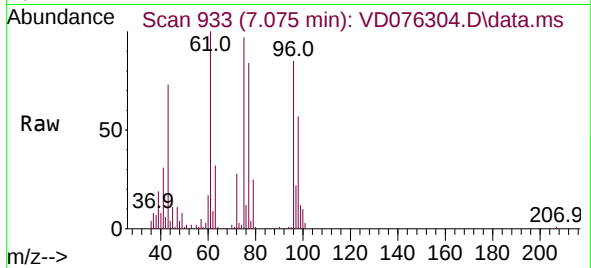


#27
 cis-1,2-Dichloroethene
 Concen: 21.424 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VD076304.D
 Acq: 01 Jun 2023 18:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 52164

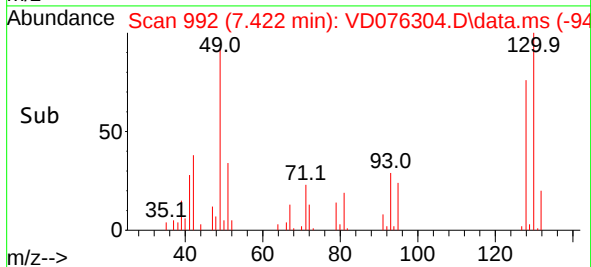
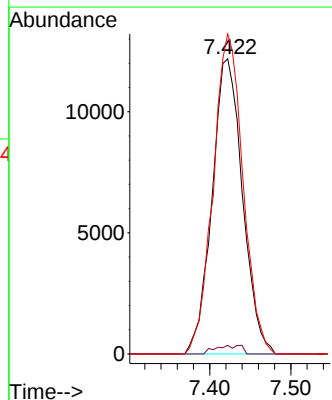
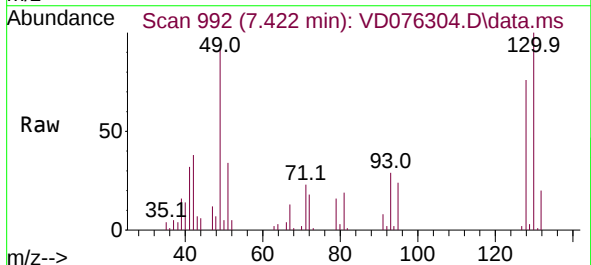
Ion	Ratio	Lower	Upper
96	100		
61	121.4	0.0	239.2
98	65.5	0.0	128.6

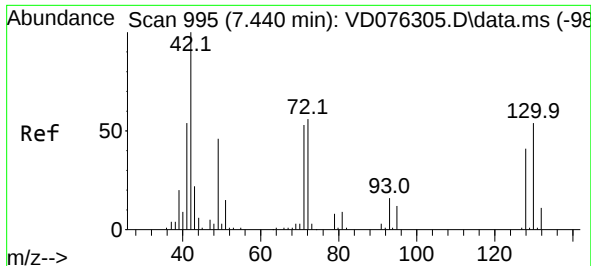


#28
 Bromochloromethane
 Concen: 23.427 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.000 min
 Lab File: VD076304.D
 Acq: 01 Jun 2023 18:37

Tgt Ion: 49 Resp: 31760

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	6.0
130	106.3	83.2	124.8





#29

Tetrahydrofuran

Concen: 115.669 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

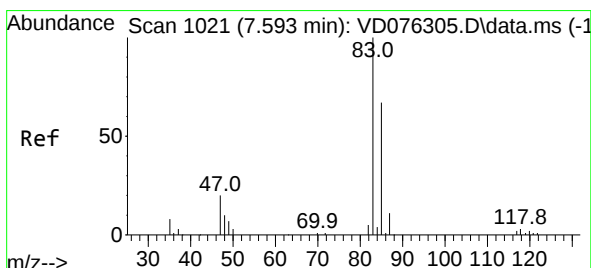
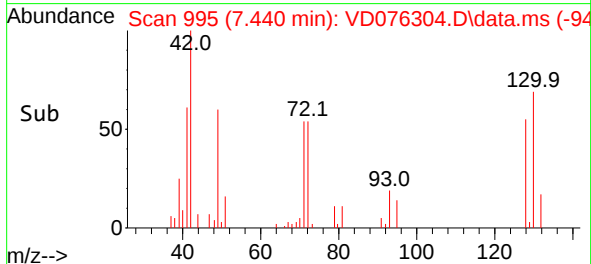
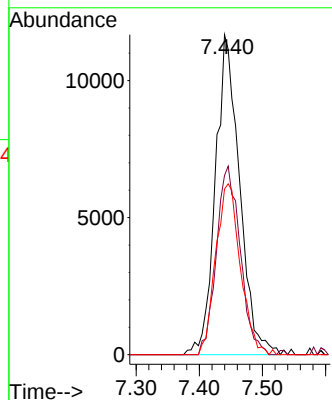
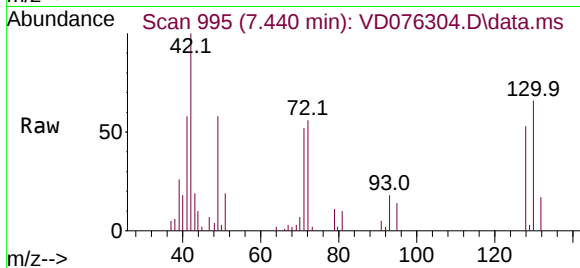
Tgt Ion: 42 Resp: 31029

Ion Ratio Lower Upper

42 100

72 58.0 46.5 69.7

71 54.5 44.5 66.7



#30

Chloroform

Concen: 22.264 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076304.D

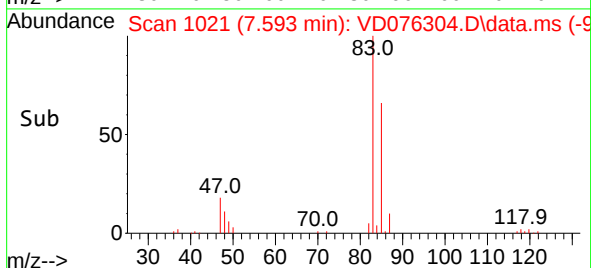
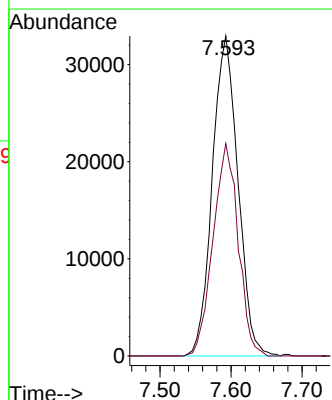
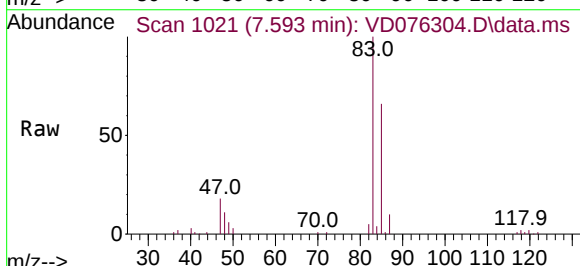
Acq: 01 Jun 2023 18:37

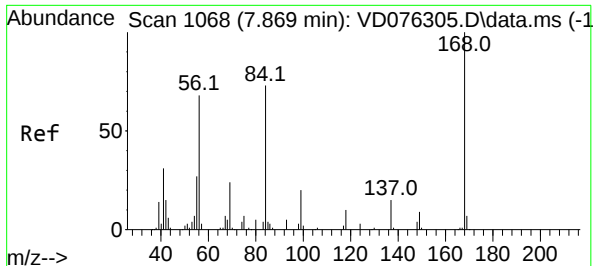
Tgt Ion: 83 Resp: 82532

Ion Ratio Lower Upper

83 100

85 66.4 53.4 80.2

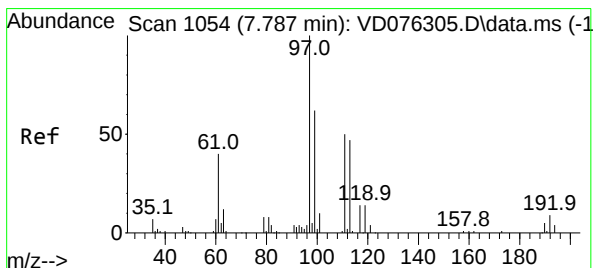
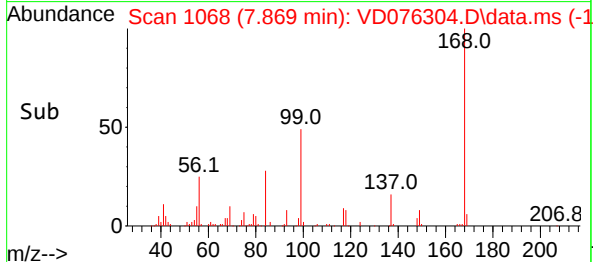
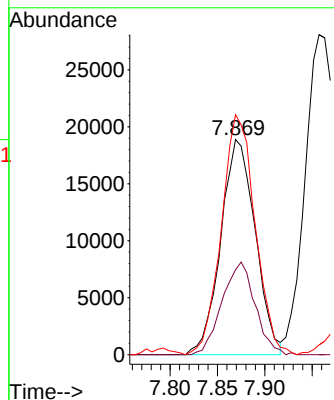
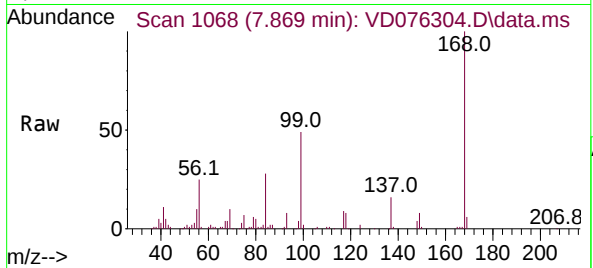




#31
Cyclohexane
Concen: 18.560 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

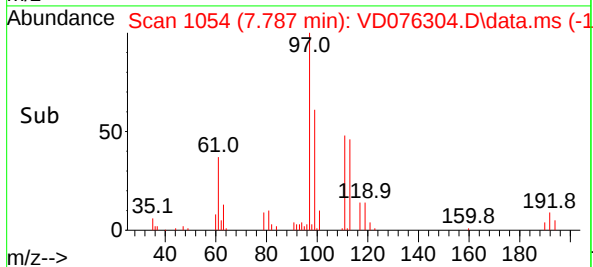
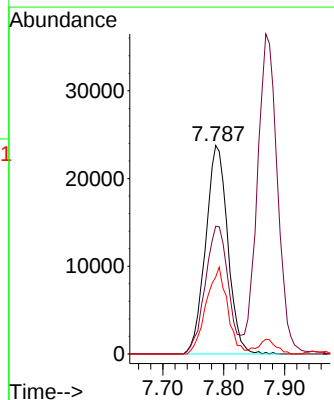
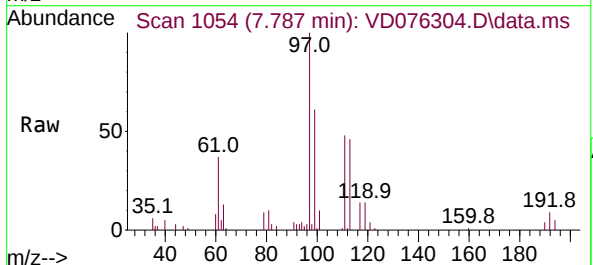
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

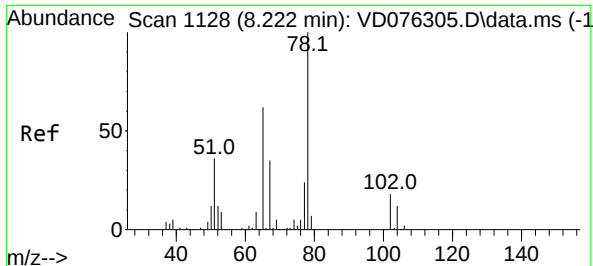
Tgt Ion:	56	Resp:	47798
Ion	Ratio	Lower	Upper
56	100		
69	39.5	28.6	43.0
84	110.6	84.8	127.2



#32
1,1,1-Trichloroethane
Concen: 20.710 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion:	97	Resp:	59990
Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.0	78.0
61	40.2	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 22.520 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

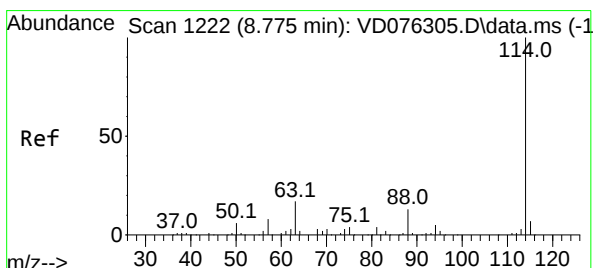
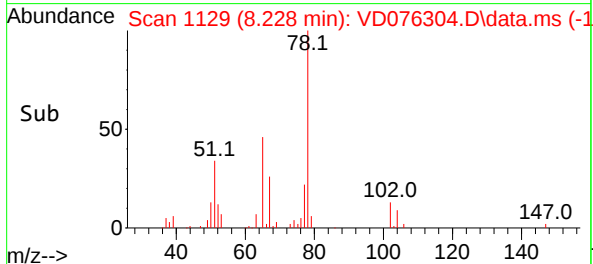
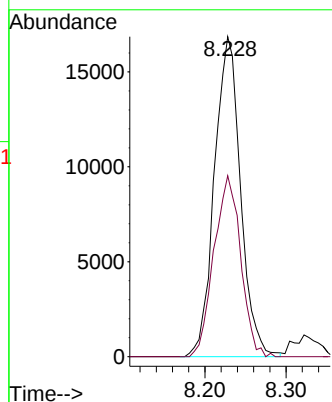
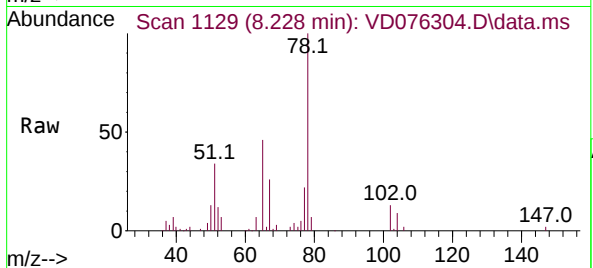
VSTDIC020

Tgt Ion: 65 Resp: 37678

Ion Ratio Lower Upper

65 100

67 57.8 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: VD076304.D

Acq: 01 Jun 2023 18:37

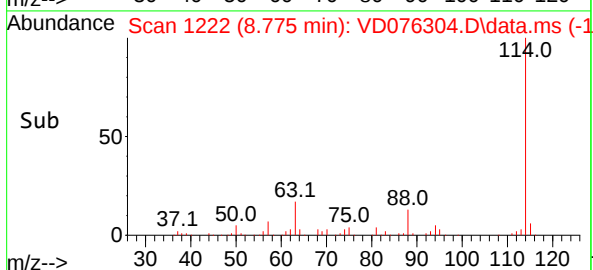
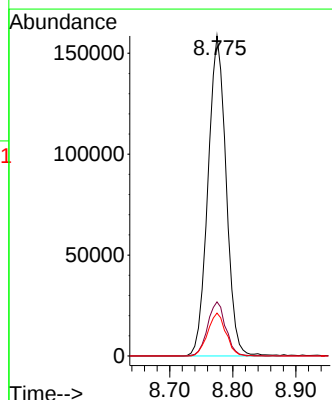
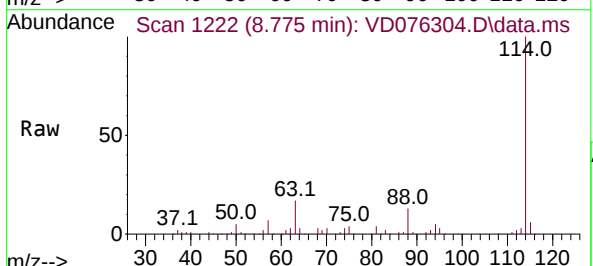
Tgt Ion: 114 Resp: 316969

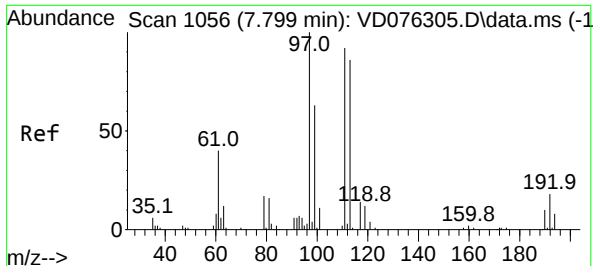
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 13.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 20.308 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

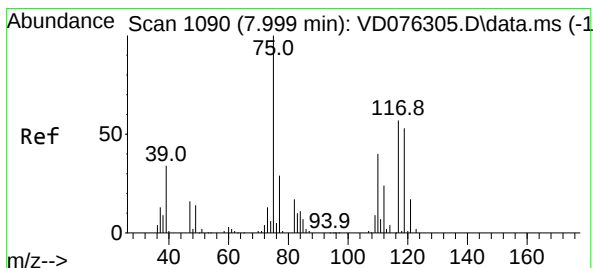
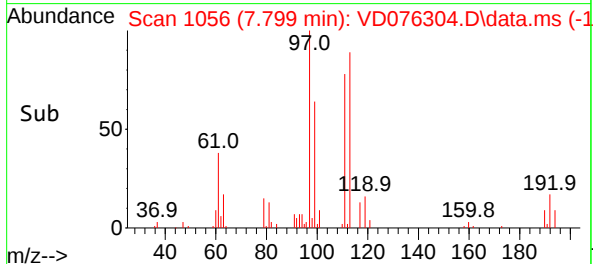
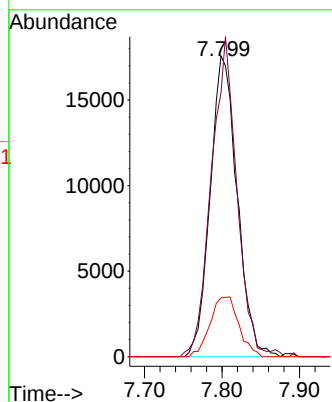
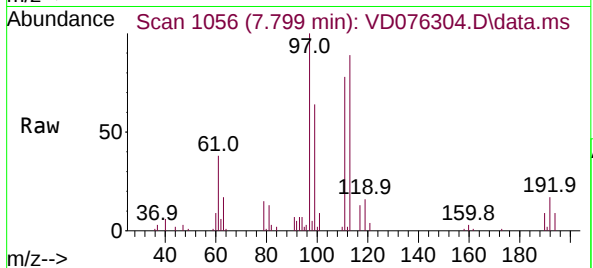
Tgt Ion:113 Resp: 42491

Ion Ratio Lower Upper

113 100

111 101.1 84.7 127.1

192 21.2 16.8 25.2



#36

1,1-Dichloropropene

Concen: 18.734 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

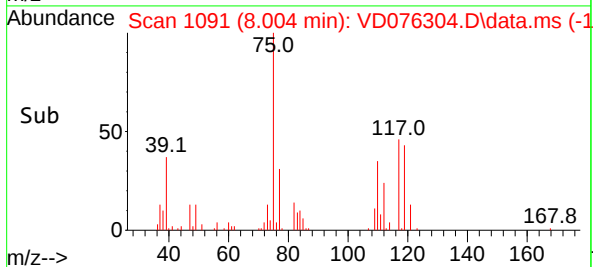
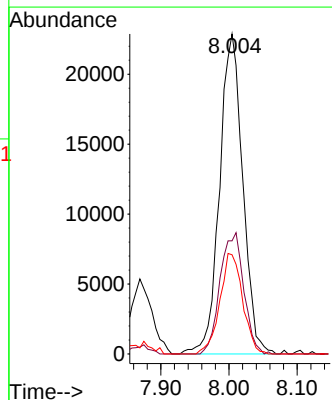
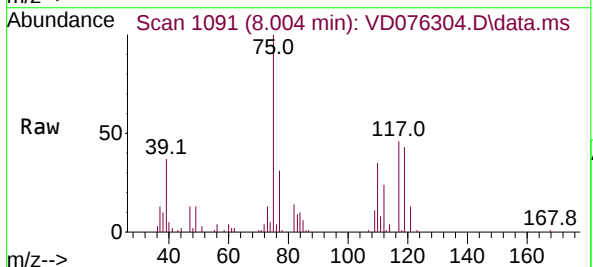
Tgt Ion: 75 Resp: 54207

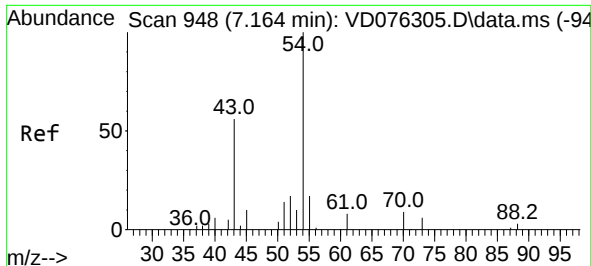
Ion Ratio Lower Upper

75 100

110 38.7 19.9 59.6

77 30.8 24.7 37.1





#37

Ethyl Acetate

Concen: 19.397 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

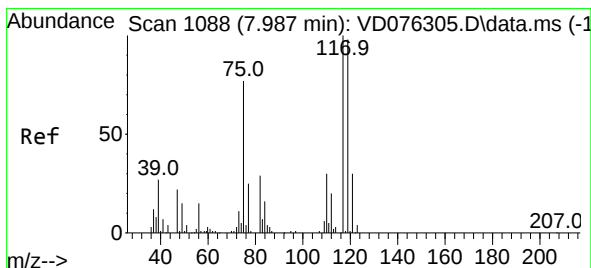
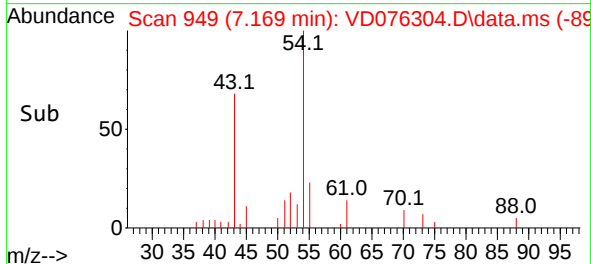
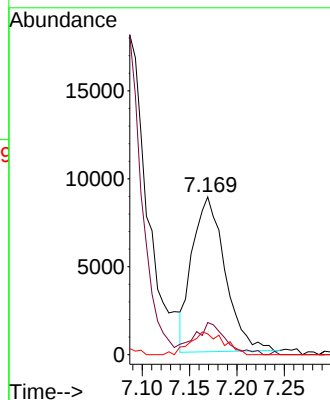
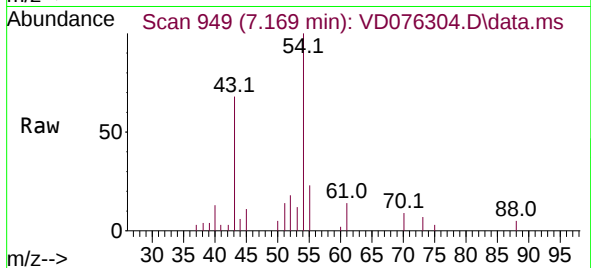
Tgt Ion: 43 Resp: 21282

Ion Ratio Lower Upper

43 100

61 19.1 14.9 22.3

70 15.0 10.0 15.0



#38

Carbon Tetrachloride

Concen: 18.165 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

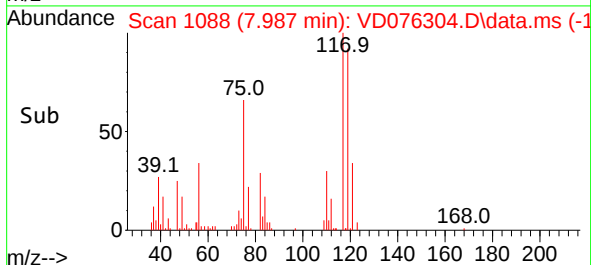
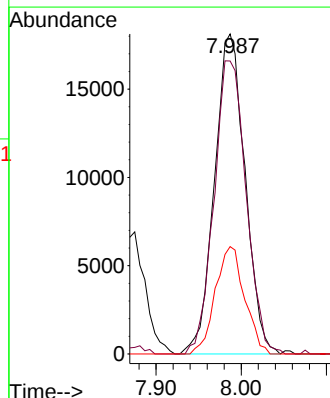
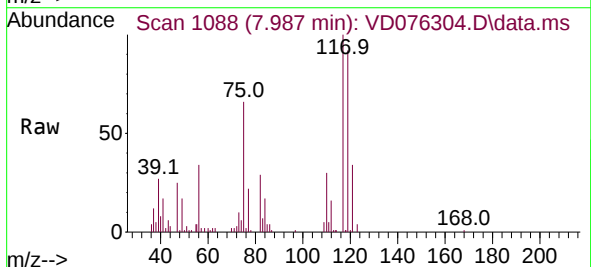
Tgt Ion: 117 Resp: 45264

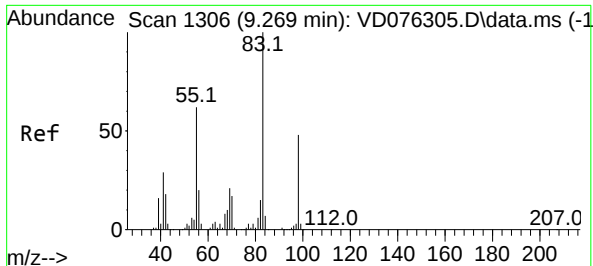
Ion Ratio Lower Upper

117 100

119 91.5 78.0 117.0

121 33.5 24.2 36.2





#39

Methylcyclohexane

Concen: 15.753 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. 0.006 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

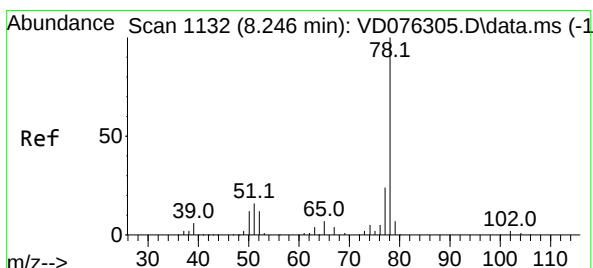
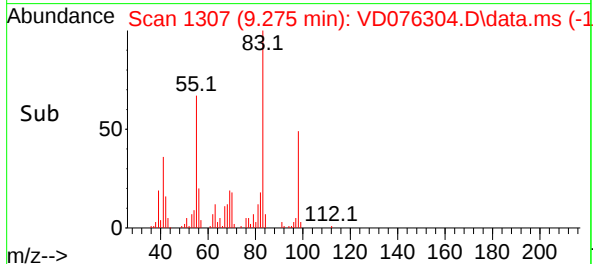
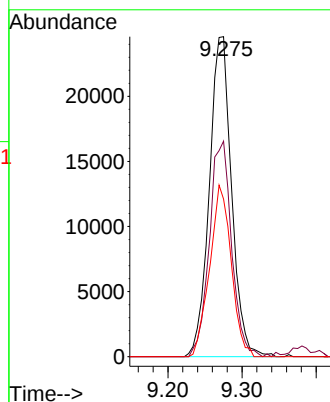
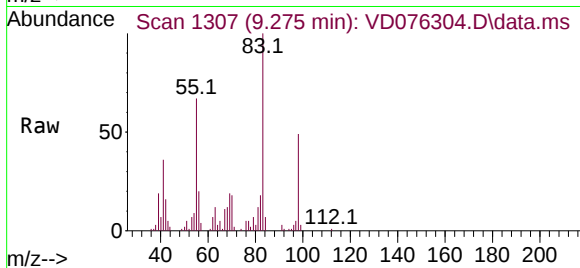
Tgt Ion: 83 Resp: 51358

Ion Ratio Lower Upper

83 100

55 67.4 49.4 74.0

98 49.2 38.4 57.6



#40

Benzene

Concen: 20.019 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076304.D

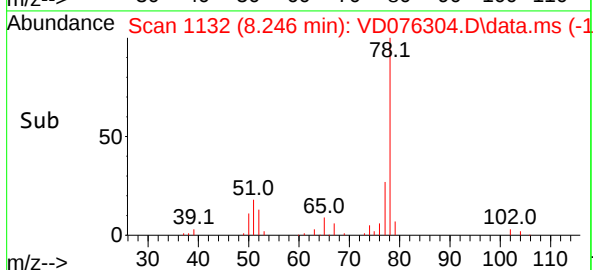
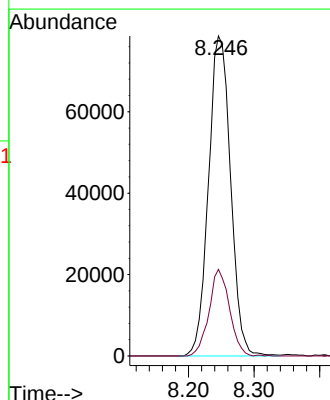
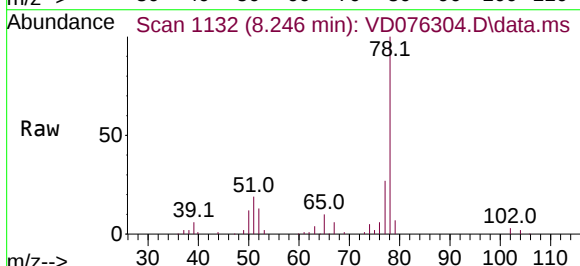
Acq: 01 Jun 2023 18:37

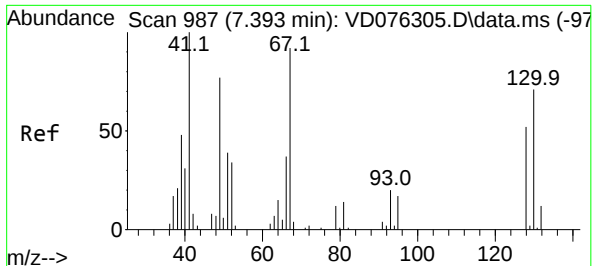
Tgt Ion: 78 Resp: 183849

Ion Ratio Lower Upper

78 100

77 27.1 19.4 29.0

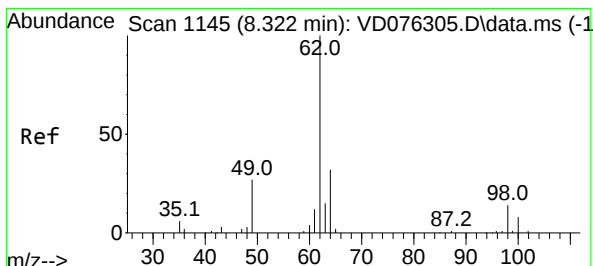
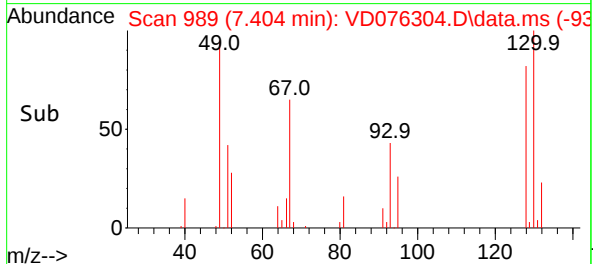
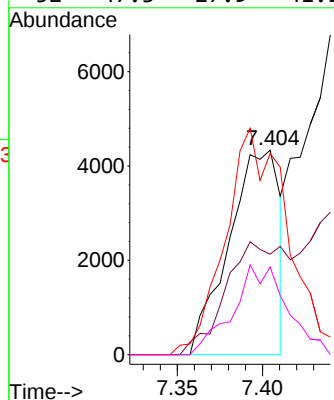
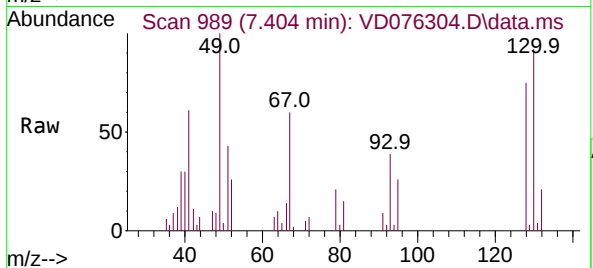




#41
Methacrylonitrile
Concen: 16.220 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

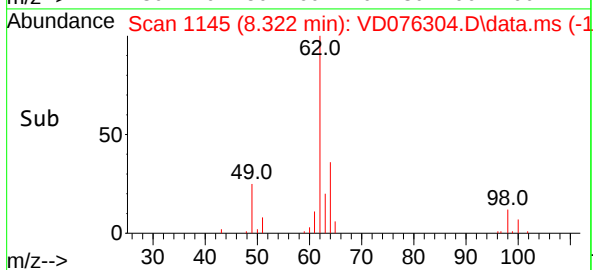
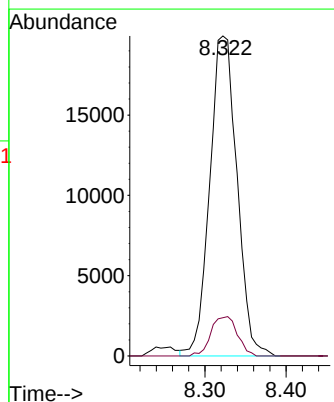
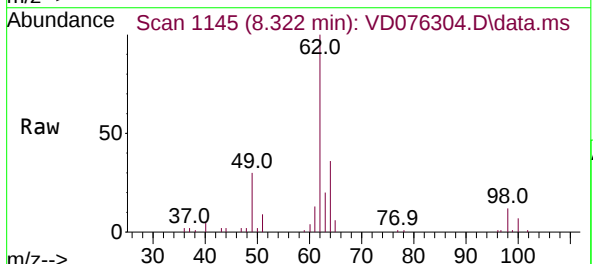
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

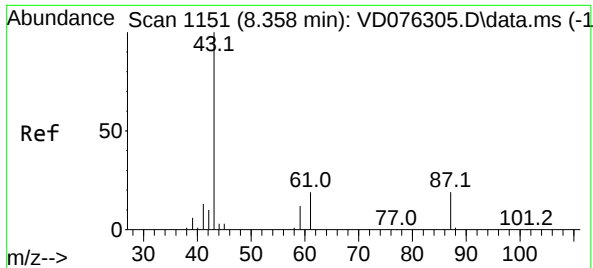
Tgt Ion: 41 Resp: 8978
Ion Ratio Lower Upper
41 100
39 66.7 34.0 51.0#
67 135.6 77.0 115.4#
52 47.3 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 20.846 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion: 62 Resp: 46527
Ion Ratio Lower Upper
62 100
98 11.9 0.0 25.4

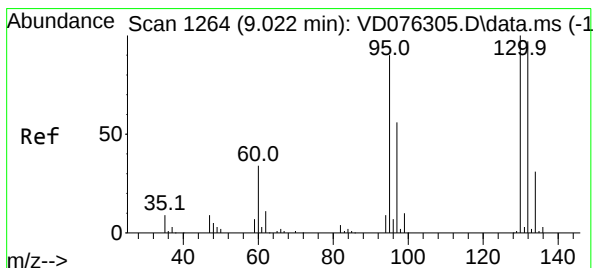
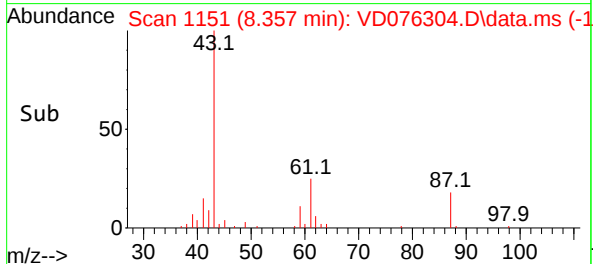
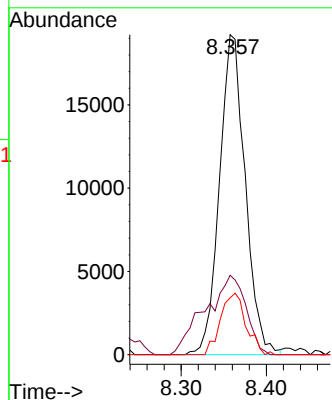
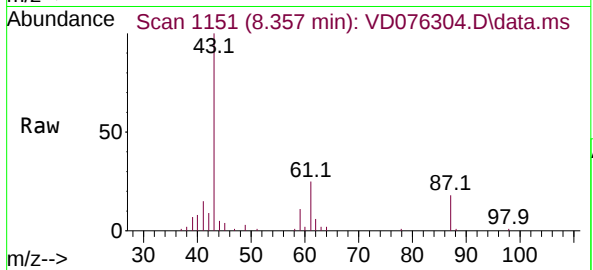




#43
Isopropyl Acetate
Concen: 20.416 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

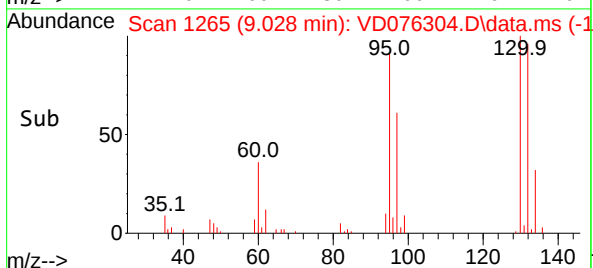
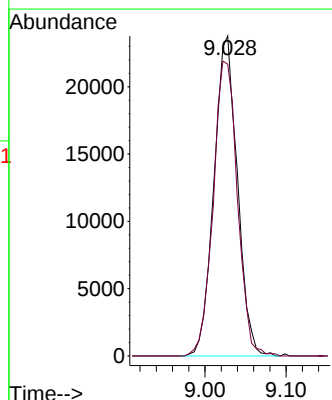
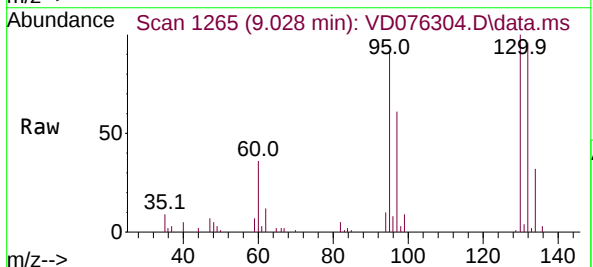
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

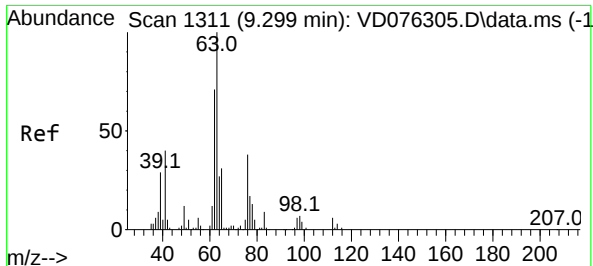
Tgt Ion: 43 Resp: 40333
Ion Ratio Lower Upper
43 100
61 39.3 31.4 47.0
87 19.0 14.9 22.3



#44
Trichloroethene
Concen: 18.770 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion:130 Resp: 47635
Ion Ratio Lower Upper
130 100
95 91.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.459 ug/l

RT: 9.298 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

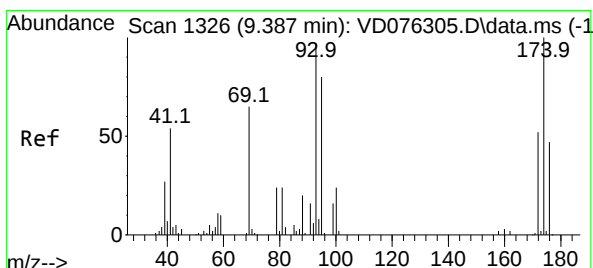
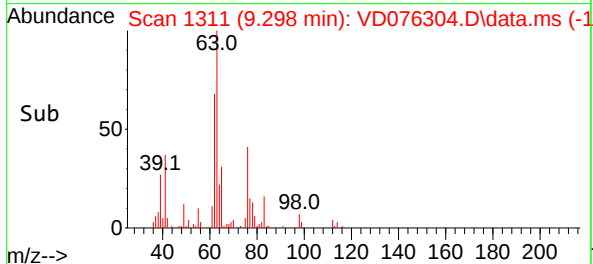
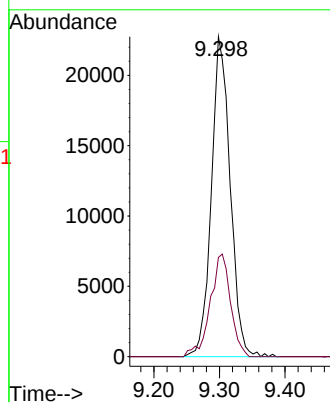
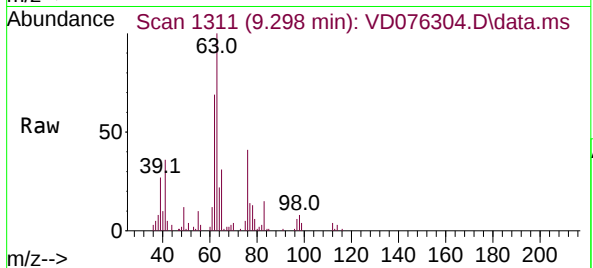
VSTDIC020

Tgt Ion: 63 Resp: 45354

Ion Ratio Lower Upper

63 100

65 31.0 24.5 36.7



#46

Dibromomethane

Concen: 21.356 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.006 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

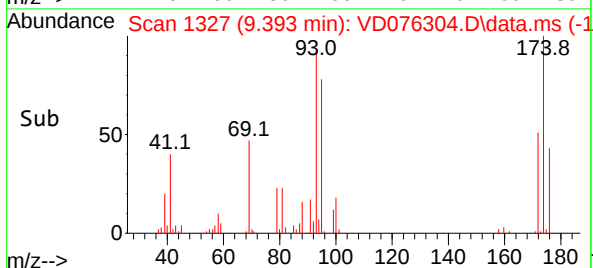
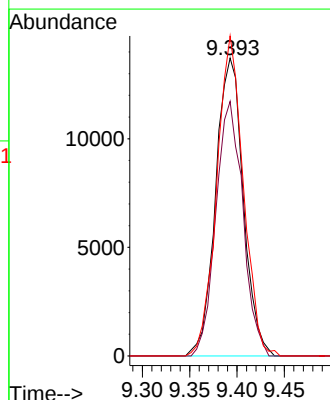
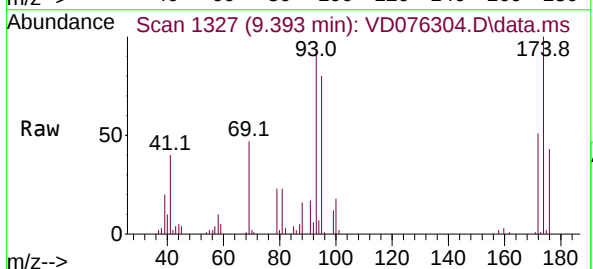
Tgt Ion: 93 Resp: 27783

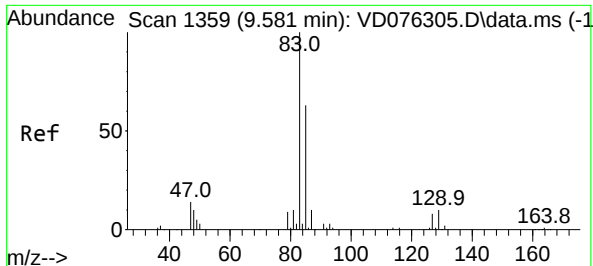
Ion Ratio Lower Upper

93 100

95 83.7 67.7 101.5

174 103.4 85.4 128.2

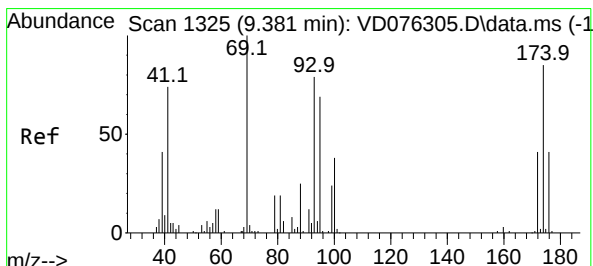
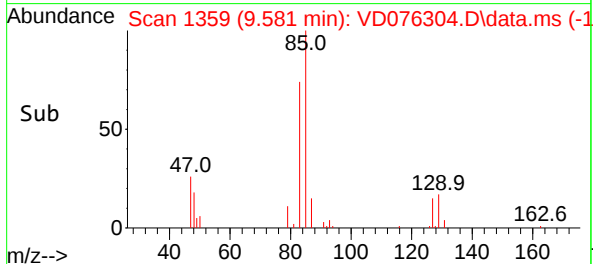
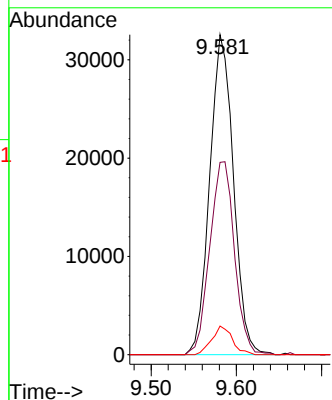
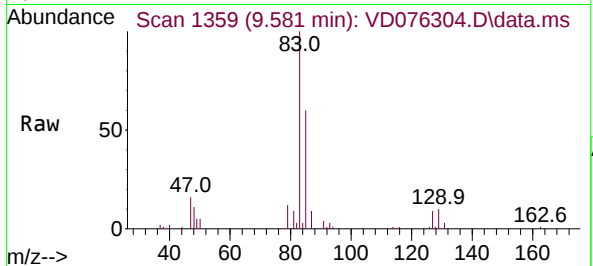




#47
Bromodichloromethane
Concen: 20.648 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

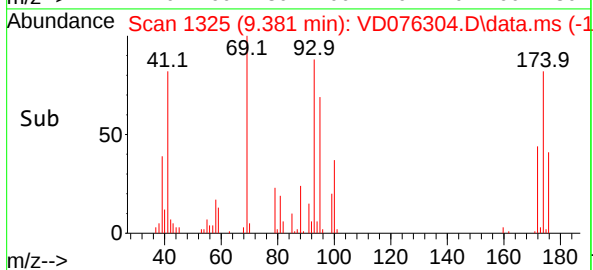
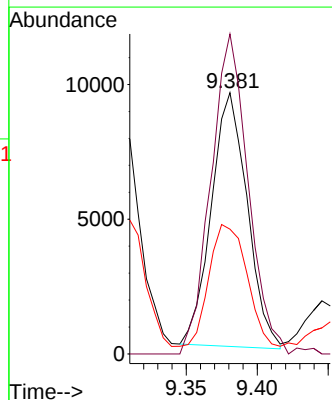
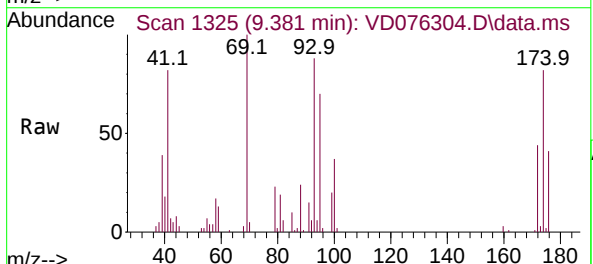
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

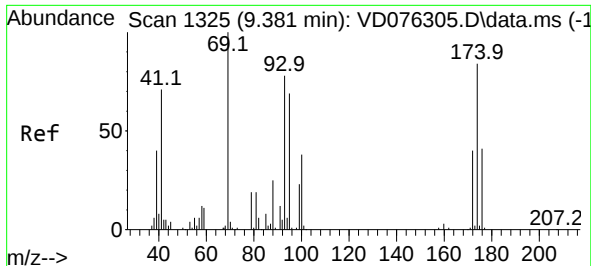
Tgt Ion: 83 Resp: 62932
Ion Ratio Lower Upper
83 100
85 60.1 50.2 75.4
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 19.549 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion: 41 Resp: 16581
Ion Ratio Lower Upper
41 100
69 131.3 102.2 153.2
39 57.2 41.4 62.2





#49

1,4-Dioxane

Concen: 423.274 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

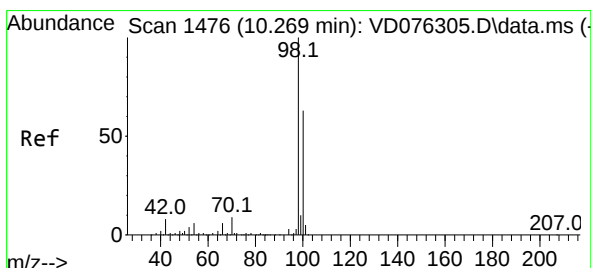
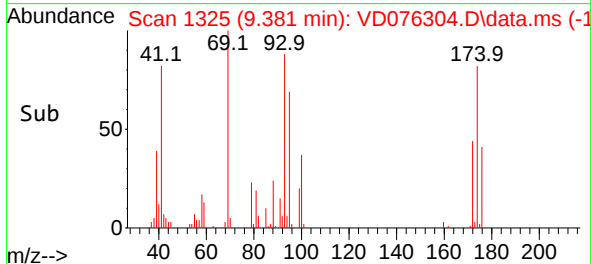
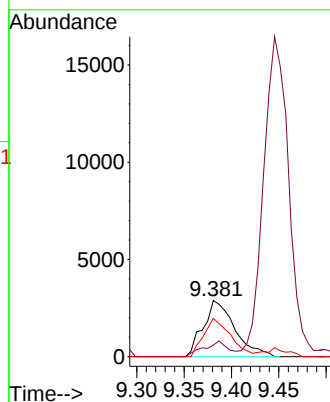
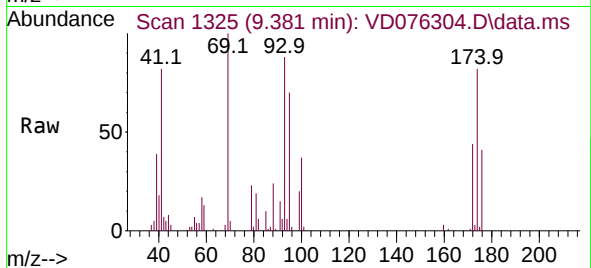
Tgt Ion: 88 Resp: 6667

Ion Ratio Lower Upper

88 100

43 21.3 19.0 28.6

58 58.1 43.5 65.3



#50

Toluene-d8

Concen: 19.784 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076304.D

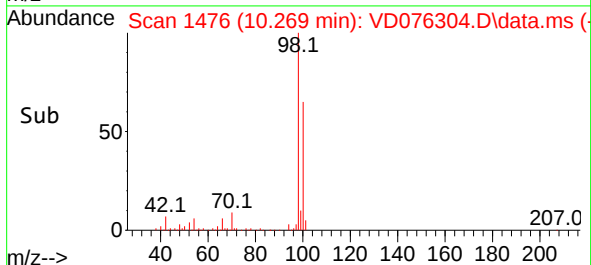
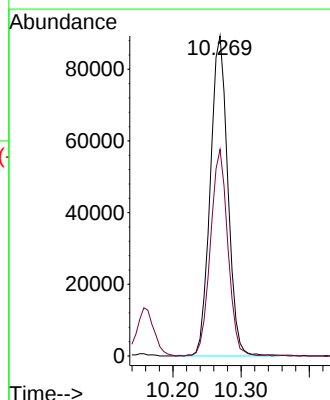
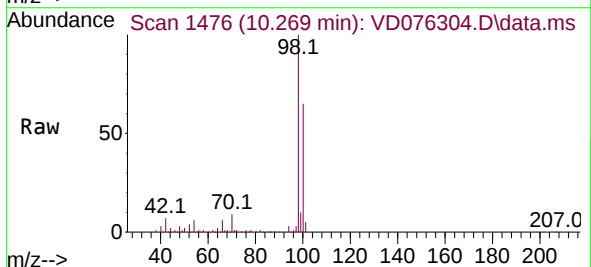
Acq: 01 Jun 2023 18:37

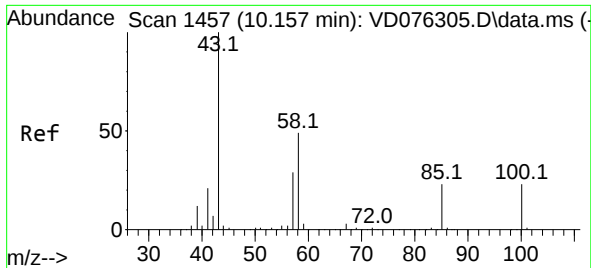
Tgt Ion: 98 Resp: 159605

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5

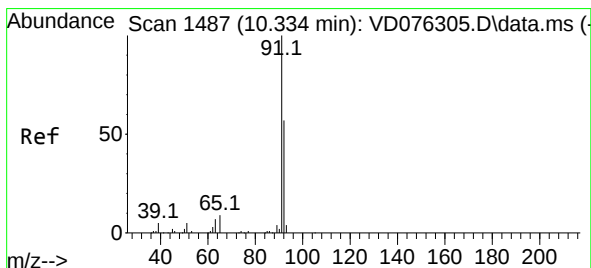
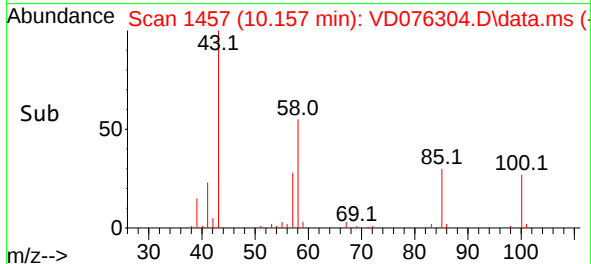
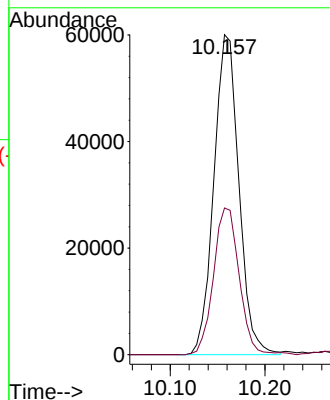
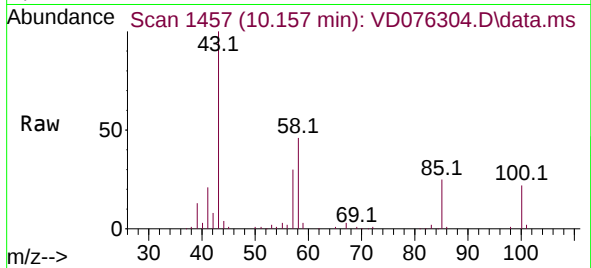




#51
4-Methyl-2-Pentanone
Concen: 105.468 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

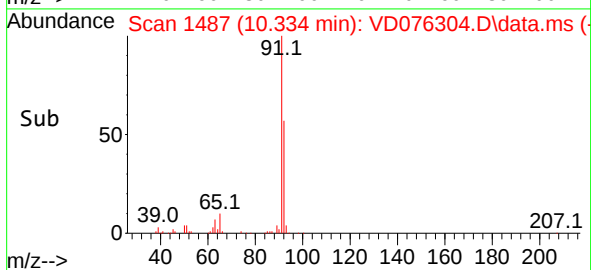
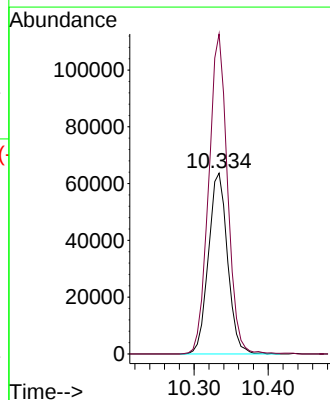
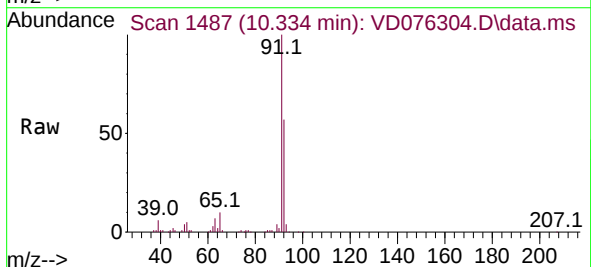
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

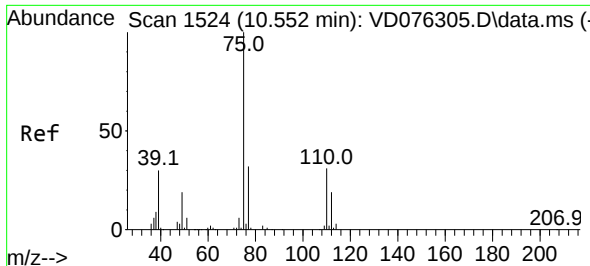
Tgt Ion: 43 Resp: 110233
Ion Ratio Lower Upper
43 100
58 47.1 38.9 58.3



#52
Toluene
Concen: 20.303 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion: 92 Resp: 114111
Ion Ratio Lower Upper
92 100
91 174.1 143.0 214.4

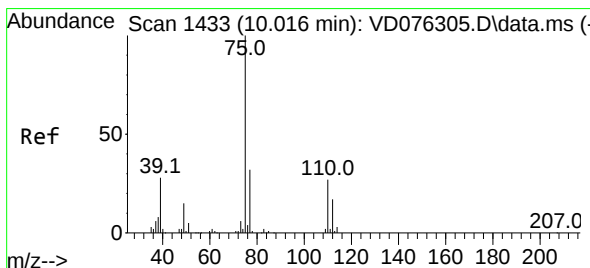
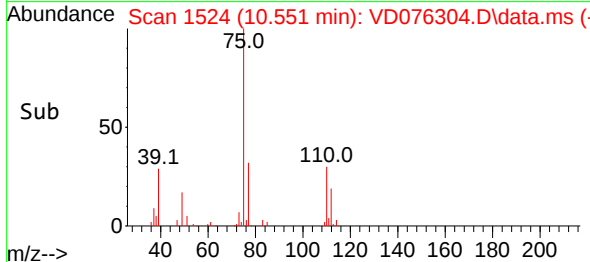
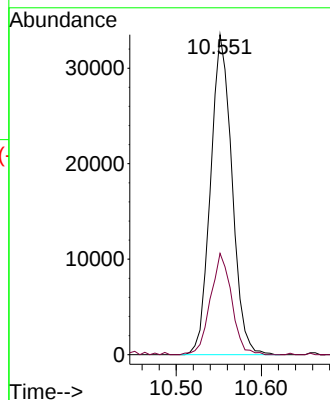
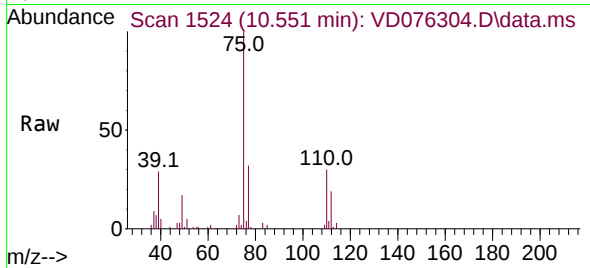




#53
 t-1,3-Dichloropropene
 Concen: 20.503 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD076304.D
 Acq: 01 Jun 2023 18:37

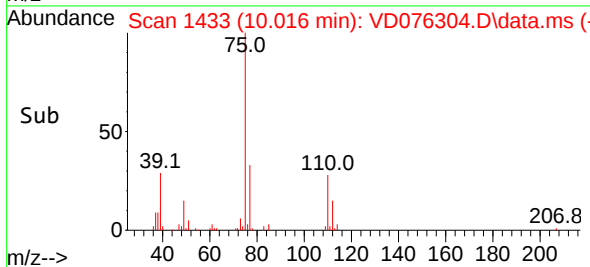
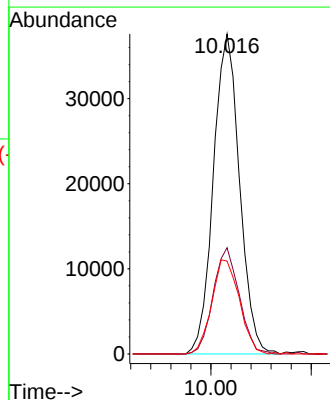
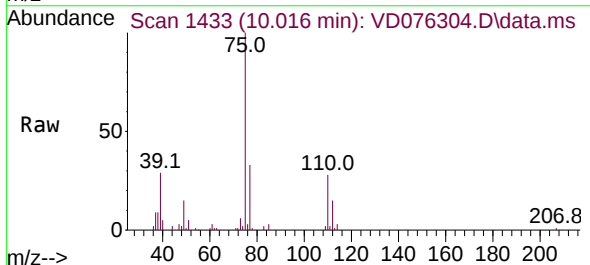
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

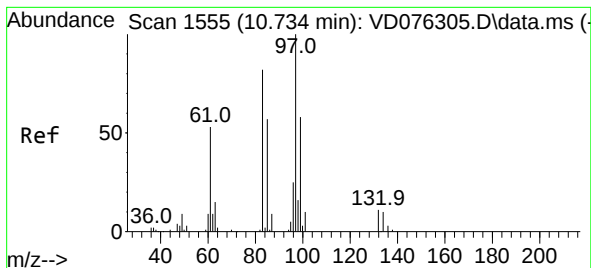
Tgt Ion: 75 Resp: 58434
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.190 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076304.D
 Acq: 01 Jun 2023 18:37

Tgt Ion: 75 Resp: 67974
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.5 38.3
 39 29.0 22.1 33.1

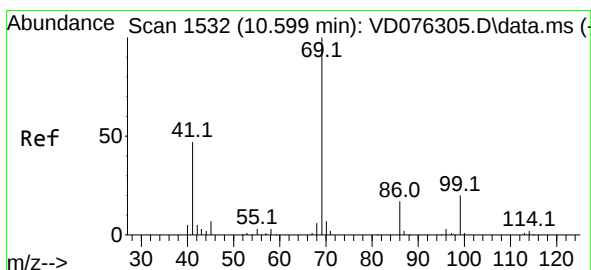
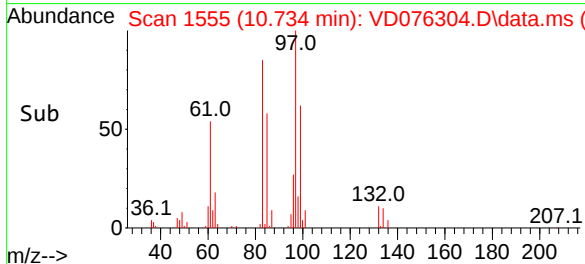
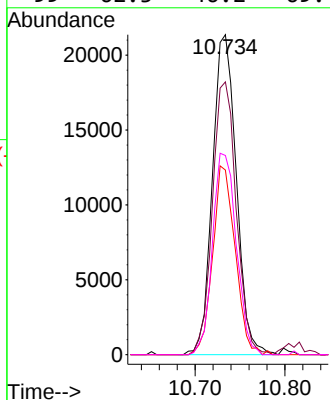
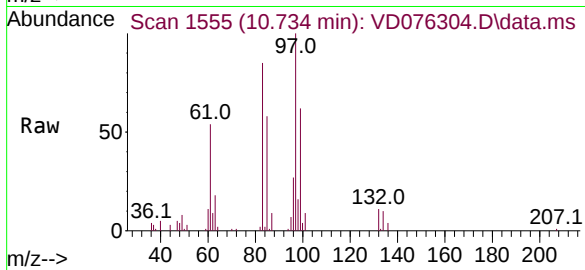




#55
1,1,2-Trichloroethane
Concen: 21.304 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

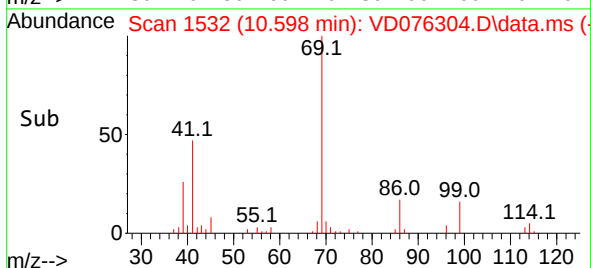
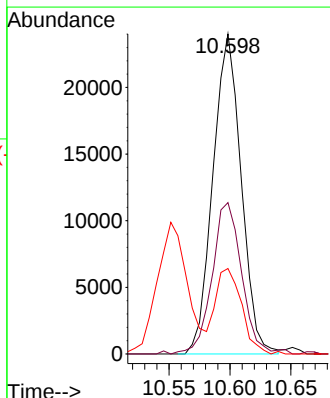
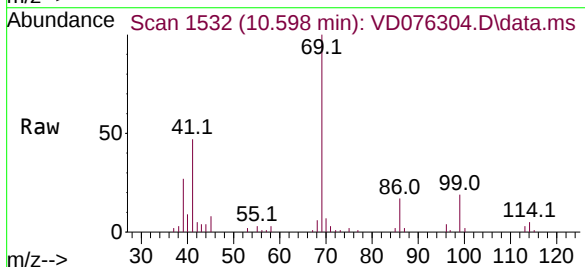
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

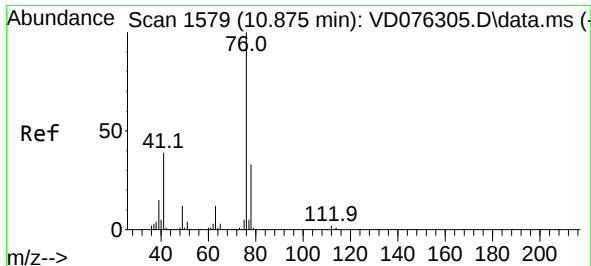
Tgt Ion: 97	Resp: 39454
Ion Ratio	Lower Upper
97 100	
83 85.2	65.8 98.6
85 57.7	45.7 68.5
99 62.3	46.2 69.4



#56
Ethyl methacrylate
Concen: 20.046 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion: 69	Resp: 38764
Ion Ratio	Lower Upper
69 100	
41 49.7	39.1 58.7
39 24.7	20.0 30.0





#57

1,3-Dichloropropane

Concen: 20.970 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.006 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

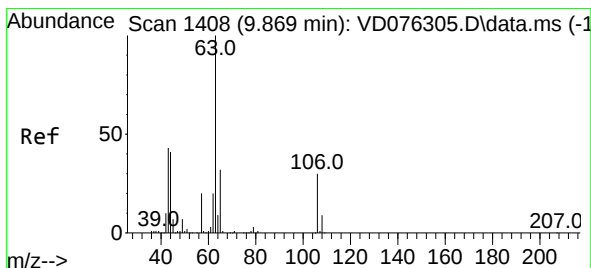
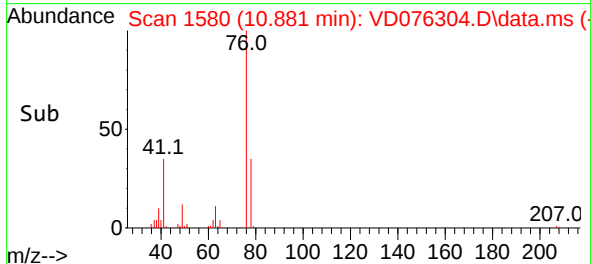
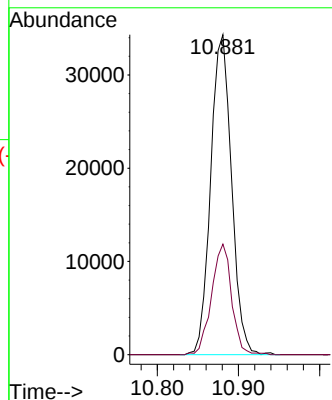
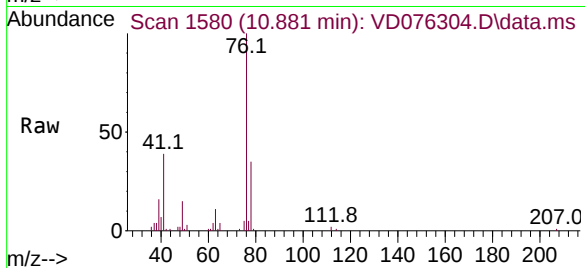
VSTDICC020

Tgt Ion: 76 Resp: 61249

Ion Ratio Lower Upper

76 100

78 33.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 85.286 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076304.D

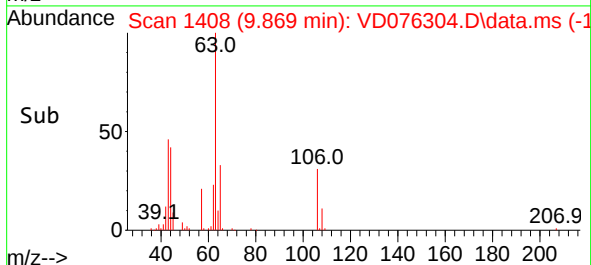
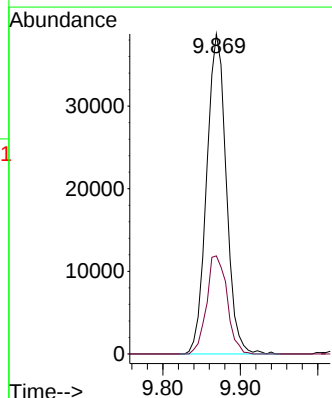
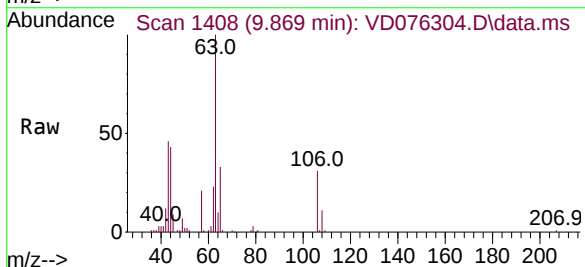
Acq: 01 Jun 2023 18:37

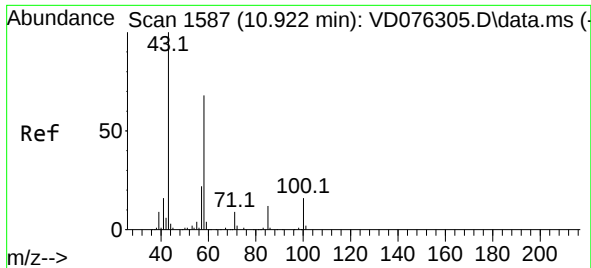
Tgt Ion: 63 Resp: 67965

Ion Ratio Lower Upper

63 100

106 32.0 25.3 37.9

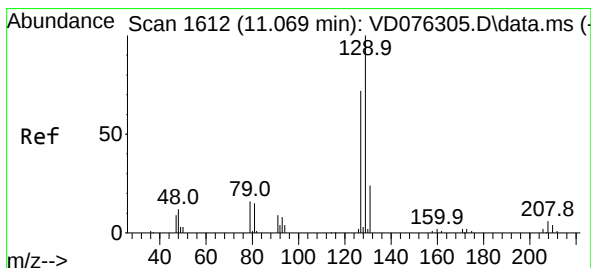
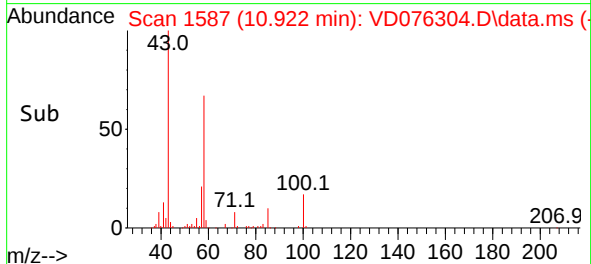
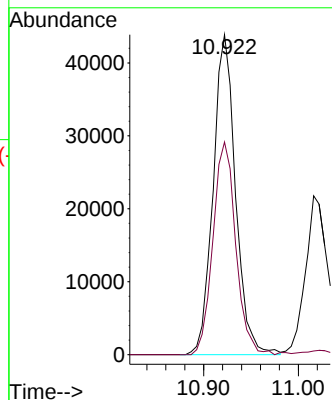
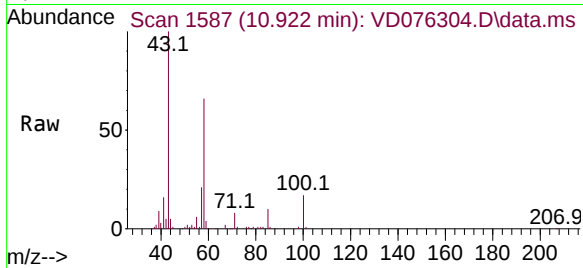




#59
2-Hexanone
Concen: 103.602 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

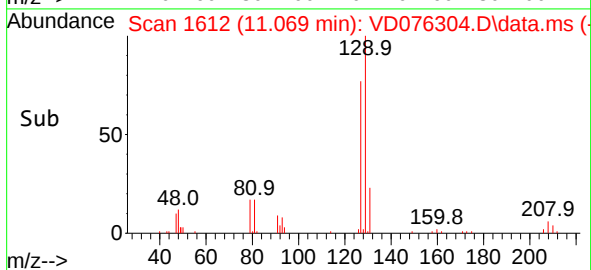
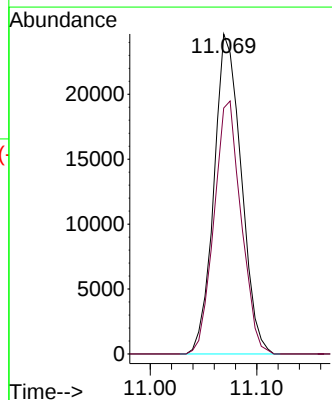
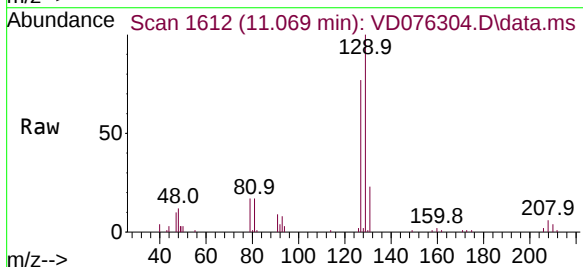
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

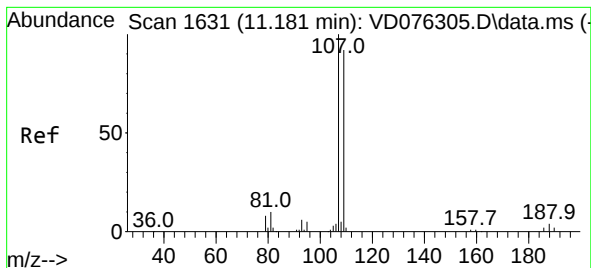
Tgt Ion: 43 Resp: 72071
Ion Ratio Lower Upper
43 100
58 67.5 34.1 102.2



#60
Dibromochloromethane
Concen: 20.623 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion: 129 Resp: 43769
Ion Ratio Lower Upper
129 100
127 78.5 37.1 111.5





#61

1,2-Dibromoethane

Concen: 20.472 ug/l

RT: 11.181 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

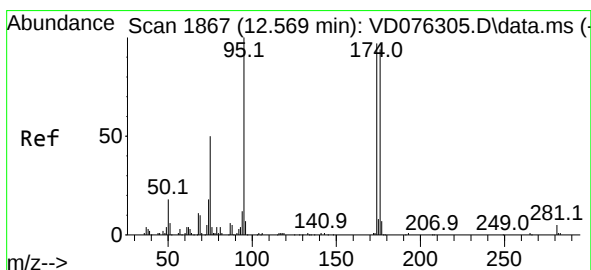
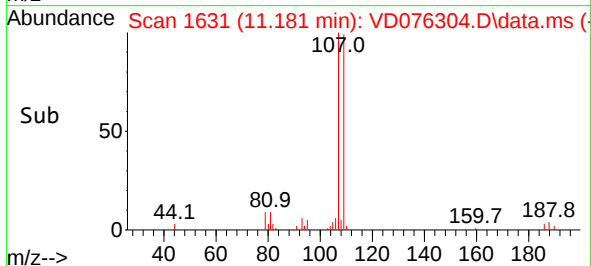
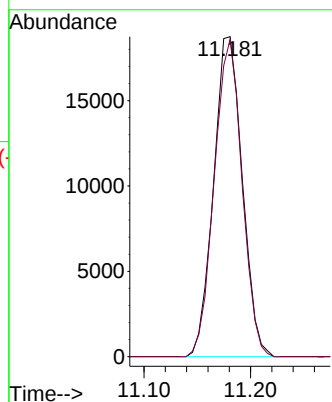
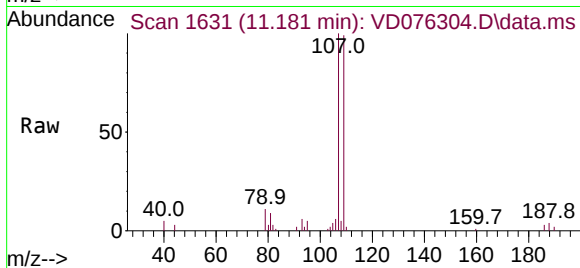
VSTDICC020

Tgt Ion:107 Resp: 35030

Ion Ratio Lower Upper

107 100

109 95.9 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 20.649 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

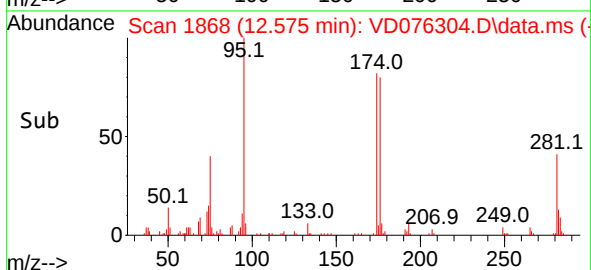
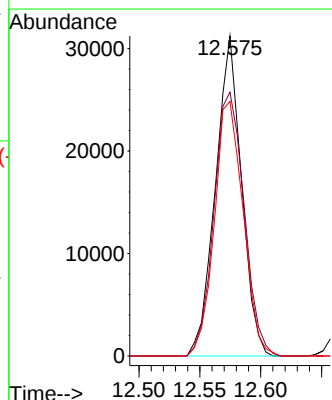
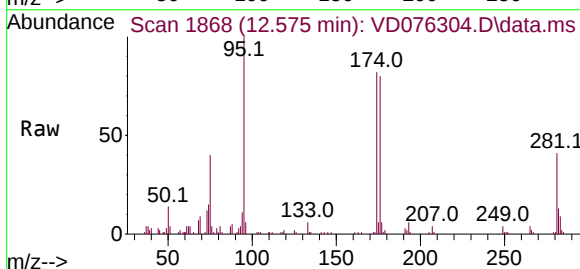
Tgt Ion: 95 Resp: 46464

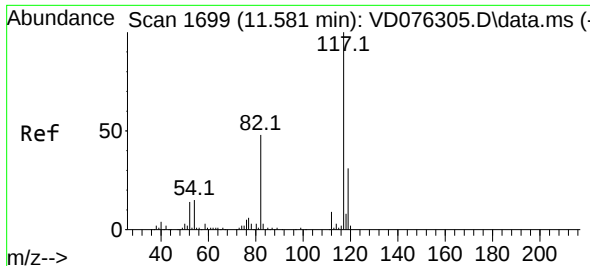
Ion Ratio Lower Upper

95 100

174 95.0 0.0 201.8

176 87.9 0.0 191.8

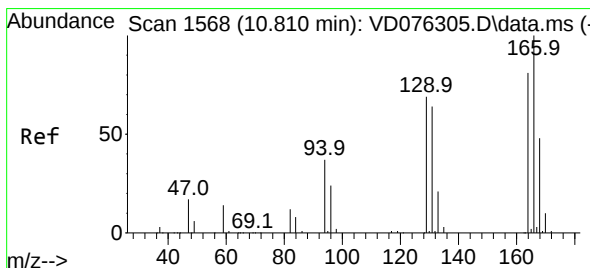
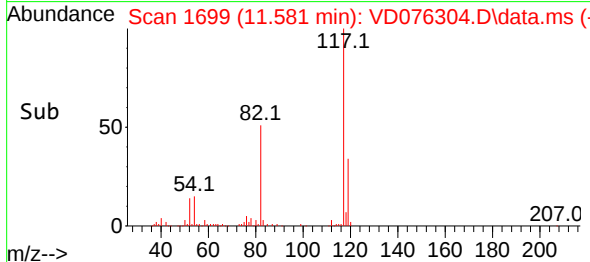
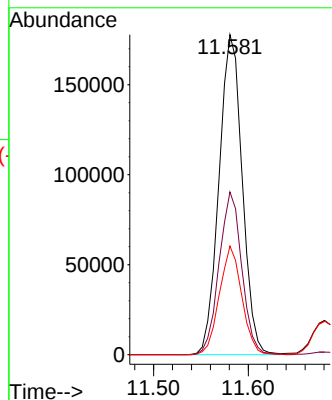
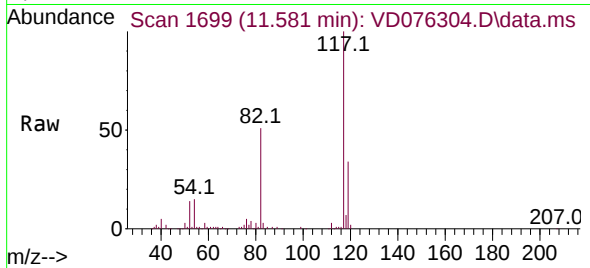




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

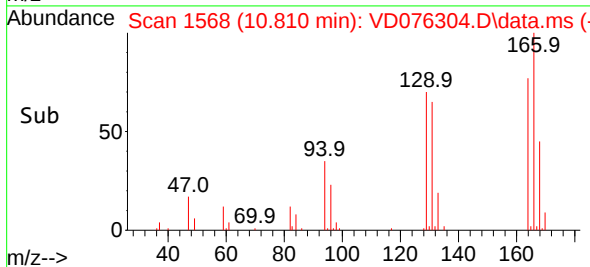
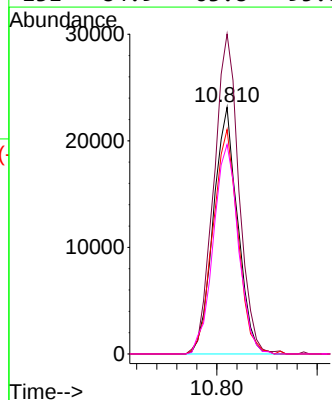
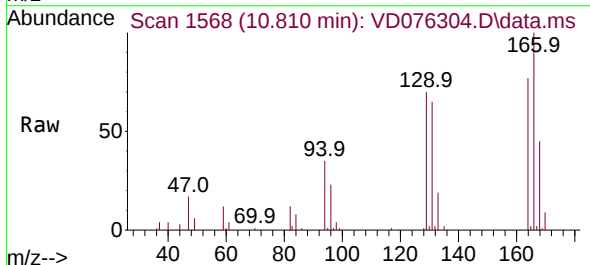
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

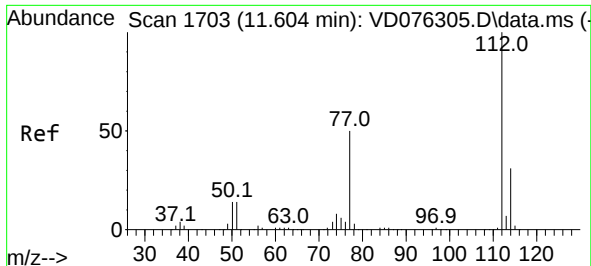
Tgt Ion:117 Resp: 303393
Ion Ratio Lower Upper
117 100
82 50.9 38.3 57.5
119 33.9 25.0 37.4



#64
Tetrachloroethene
Concen: 18.016 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion:164 Resp: 38942
Ion Ratio Lower Upper
164 100
166 129.7 99.2 148.8
129 91.0 68.4 102.6
131 84.9 63.8 95.8

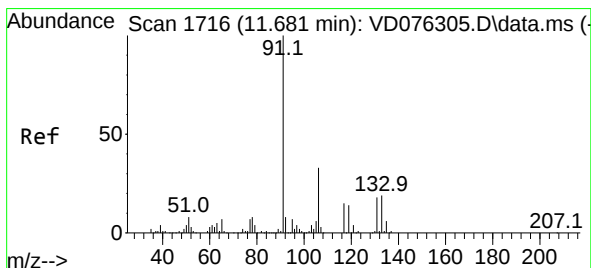
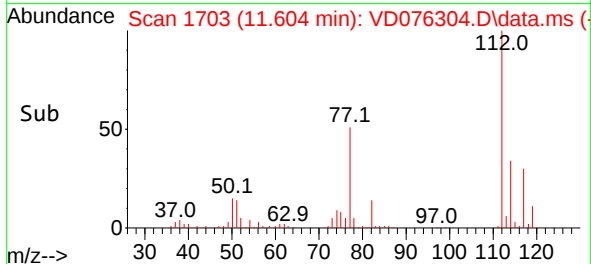
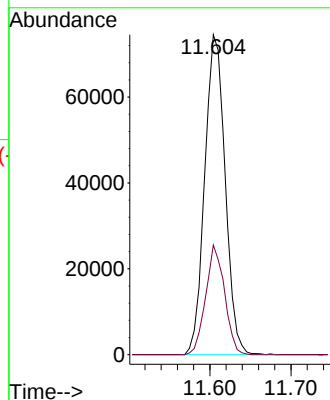
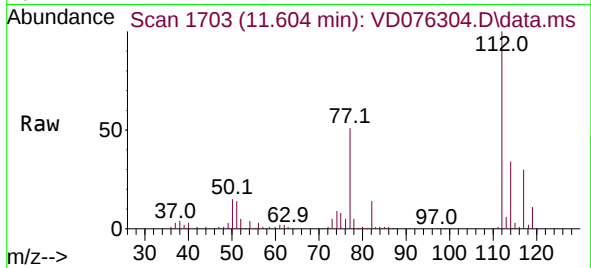




#65
Chlorobenzene
Concen: 19.983 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

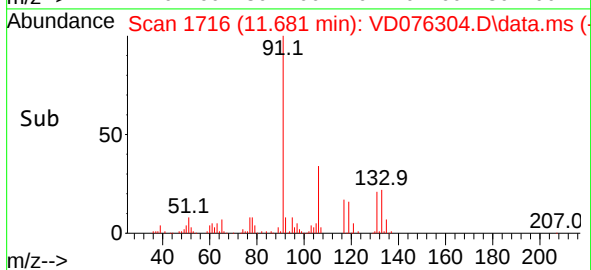
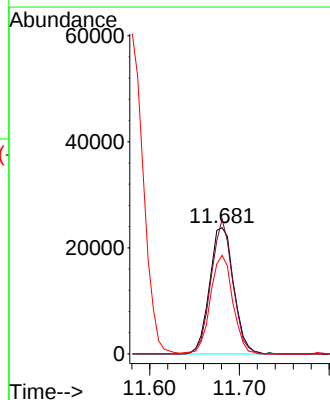
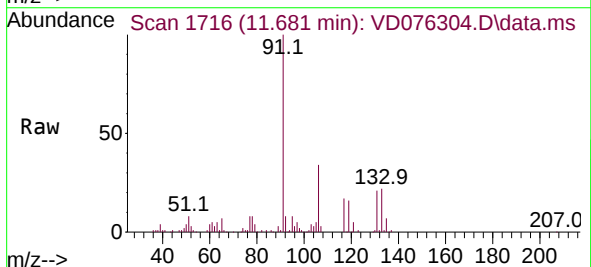
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

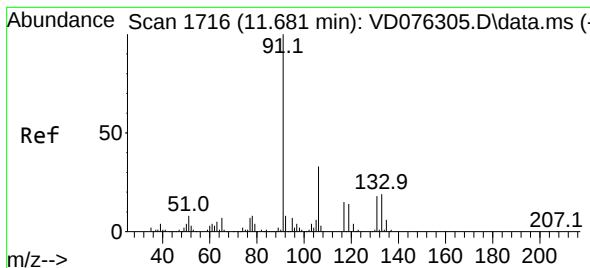
Tgt Ion:112 Resp: 130337
Ion Ratio Lower Upper
112 100
114 34.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.762 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion:131 Resp: 44597
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.5
119 72.3 35.6 106.9





#67

Ethyl Benzene

Concen: 18.624 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

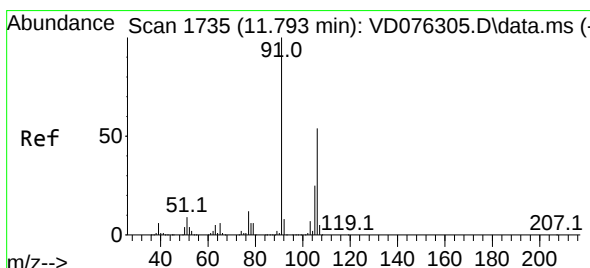
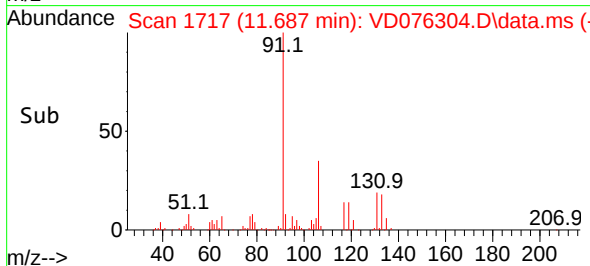
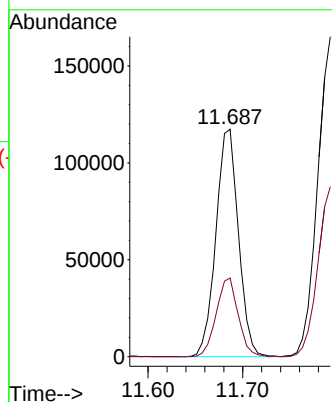
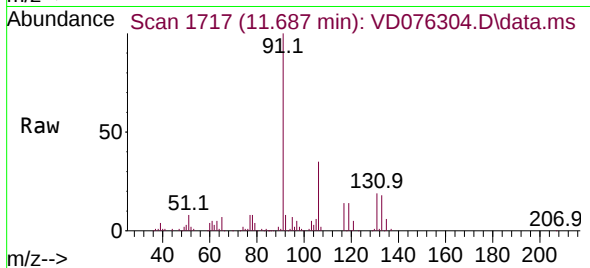
VSTDICC020

Tgt Ion: 91 Resp: 194072

Ion Ratio Lower Upper

91 100

106 34.6 26.5 39.7



#68

m/p-Xylenes

Concen: 38.581 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076304.D

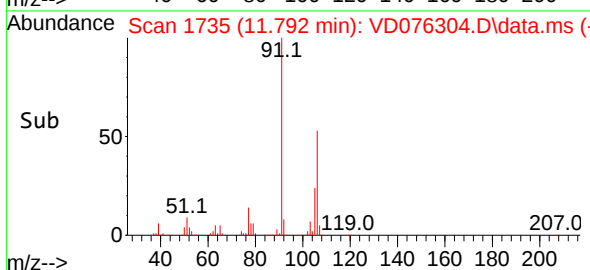
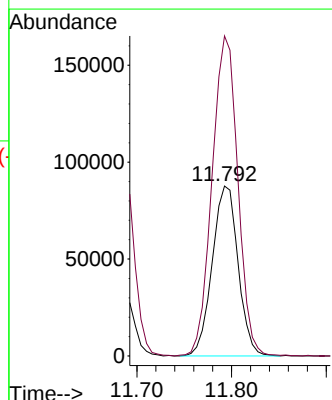
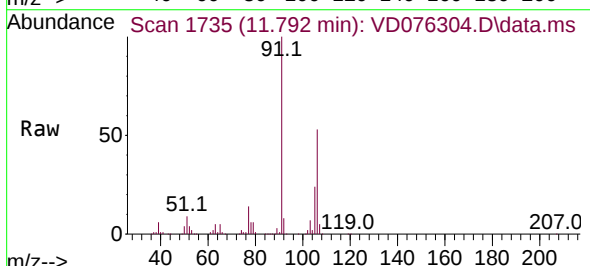
Acq: 01 Jun 2023 18:37

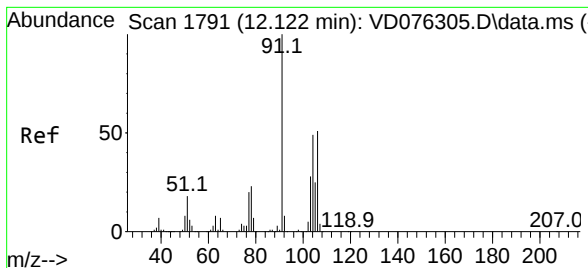
Tgt Ion: 106 Resp: 166314

Ion Ratio Lower Upper

106 100

91 188.1 147.0 220.6

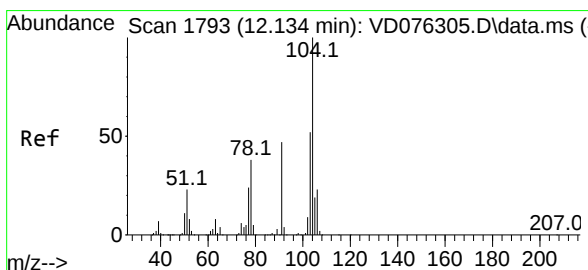
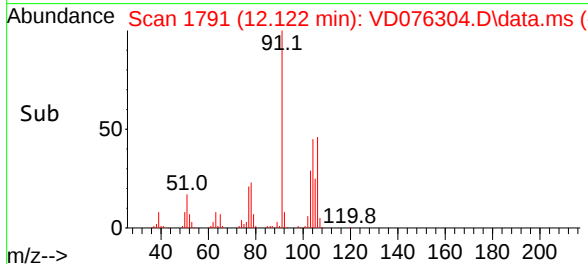
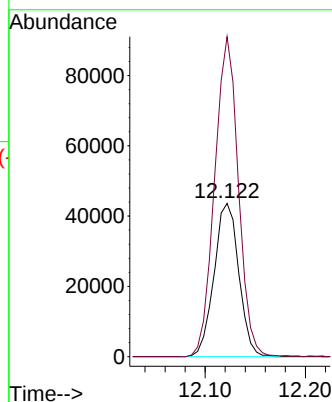
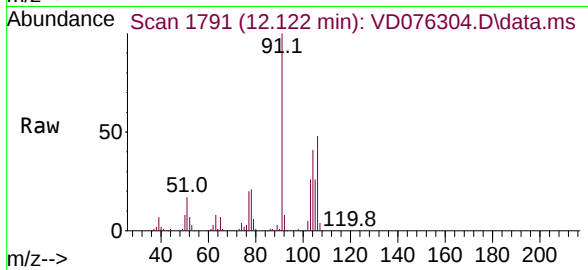




#69
o-Xylene
Concen: 18.862 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

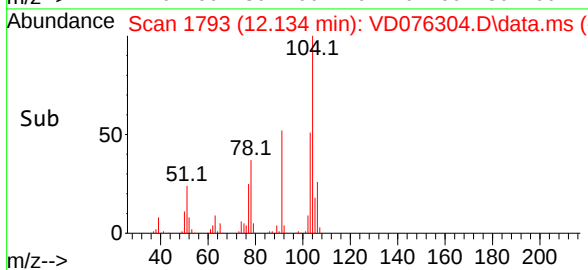
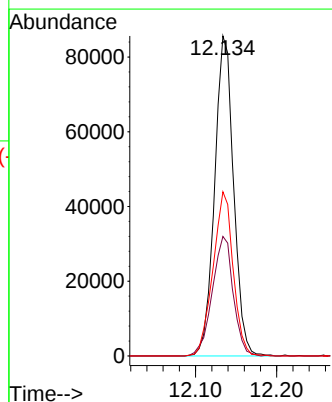
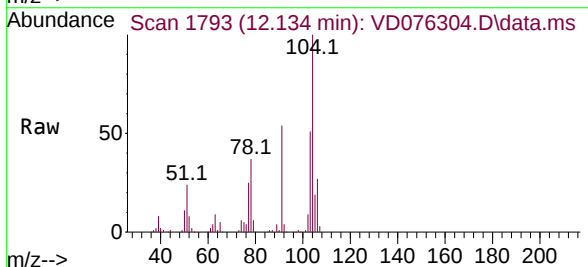
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

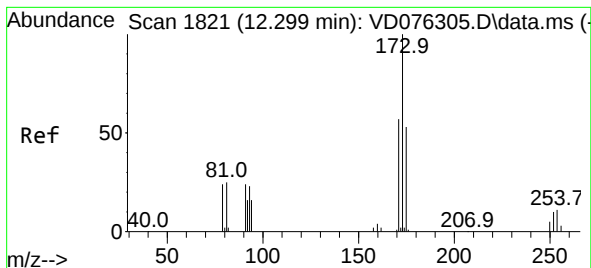
Tgt Ion:106 Resp: 74598
Ion Ratio Lower Upper
106 100
91 200.6 97.9 293.6



#70
Styrene
Concen: 20.392 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion:104 Resp: 139191
Ion Ratio Lower Upper
104 100
78 41.1 33.2 49.8
103 54.5 43.6 65.4





#71

Bromoform

Concen: 21.055 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

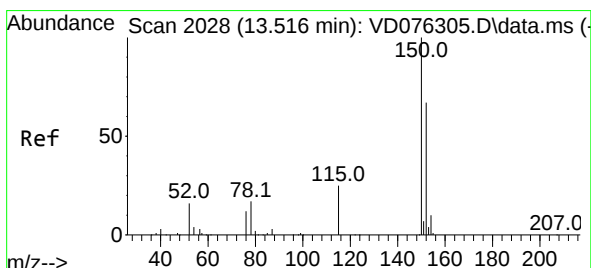
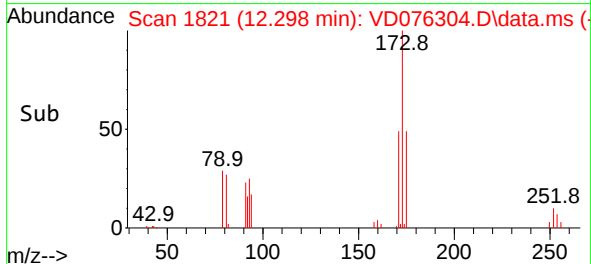
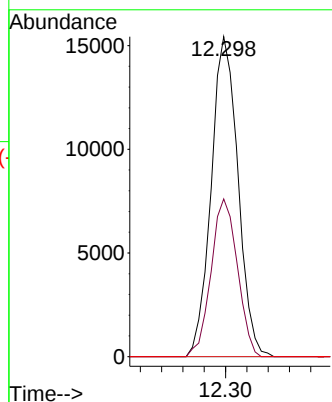
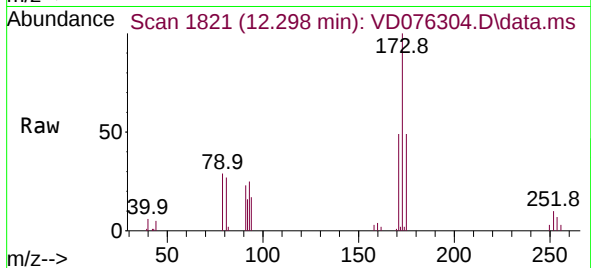
Tgt Ion:173 Resp: 26916

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

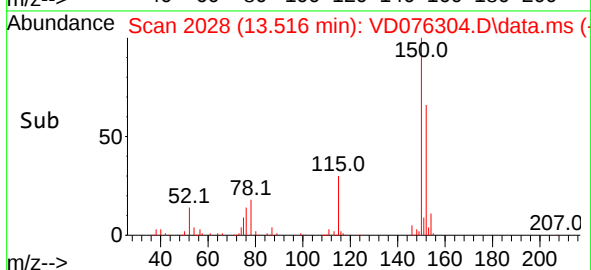
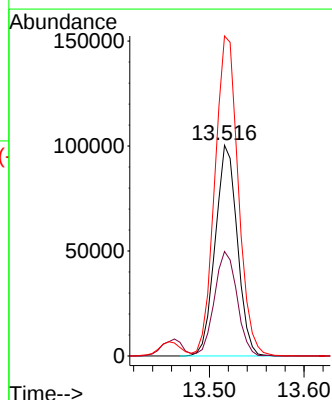
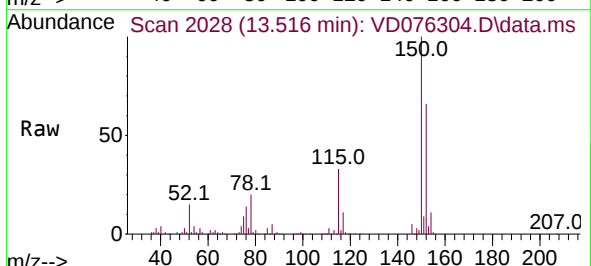
Tgt Ion:152 Resp: 162501

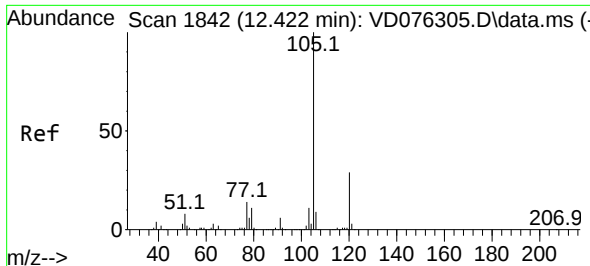
Ion Ratio Lower Upper

152 100

115 50.9 27.1 81.3

150 161.2 0.0 353.6

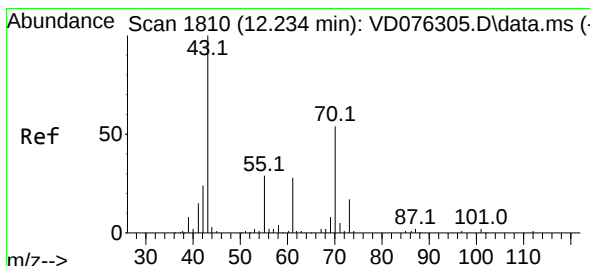
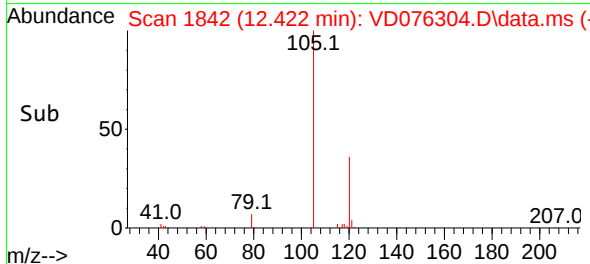
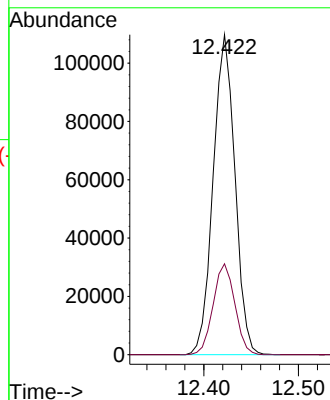
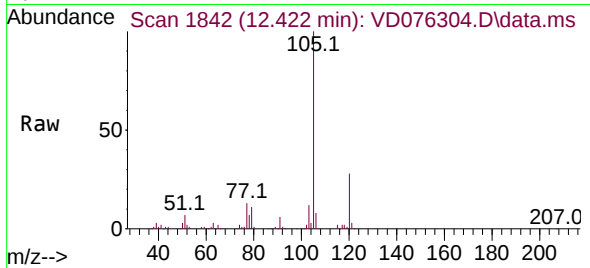




#73
Isopropylbenzene
Concen: 17.701 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

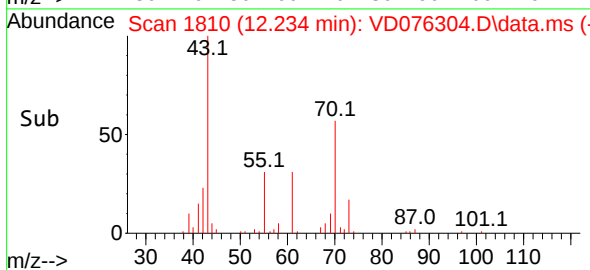
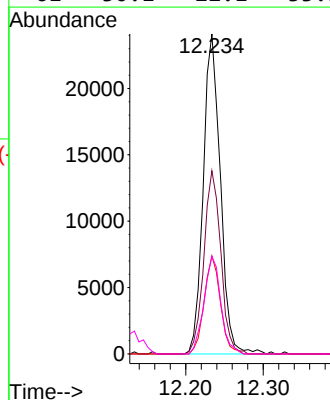
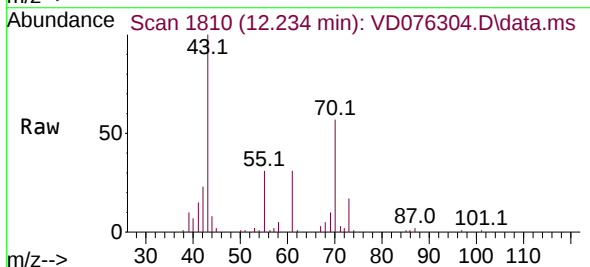
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

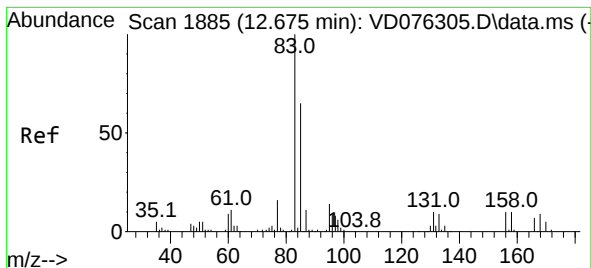
Tgt Ion:105 Resp: 175207
Ion Ratio Lower Upper
105 100
120 28.3 14.3 42.9



#74
N-ethyl acetate
Concen: 19.111 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion: 43 Resp: 36965
Ion Ratio Lower Upper
43 100
70 56.6 45.0 67.4
55 29.0 23.8 35.6
61 30.1 22.1 33.1

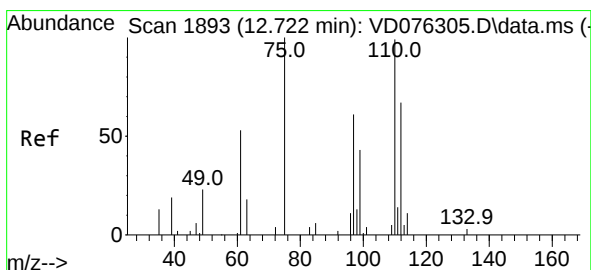
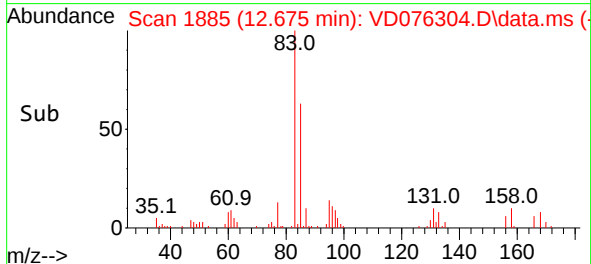
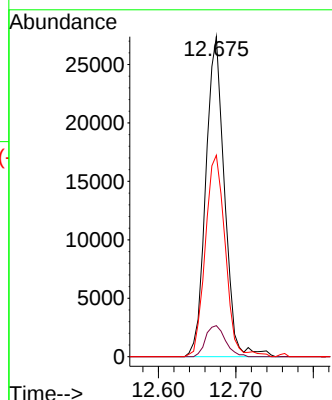
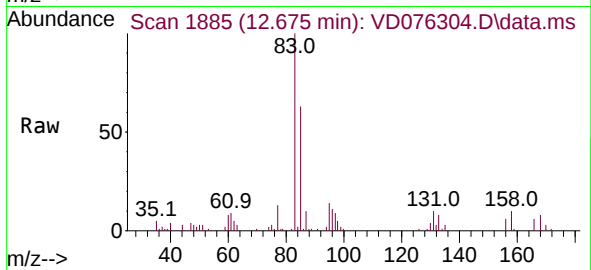




#75
1,1,2,2-Tetrachloroethane
Concen: 20.289 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

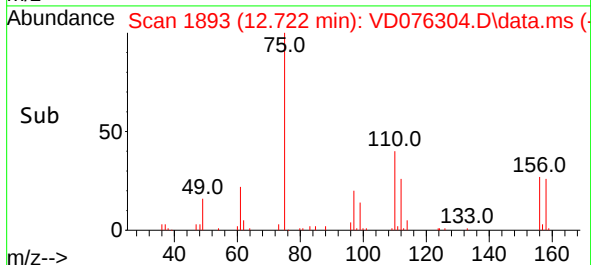
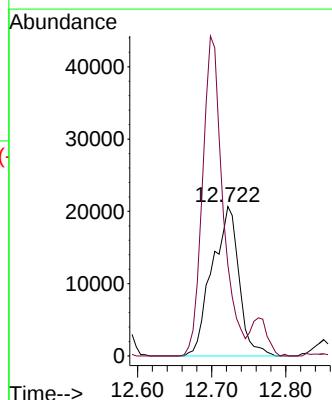
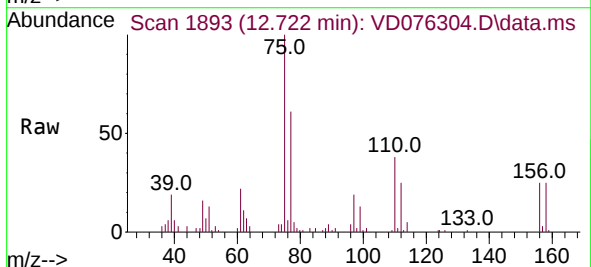
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

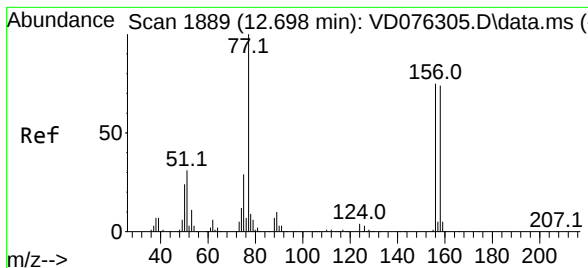
Tgt Ion: 83 Resp: 45807
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 67.3 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 35.637 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion: 75 Resp: 52236
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.063 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

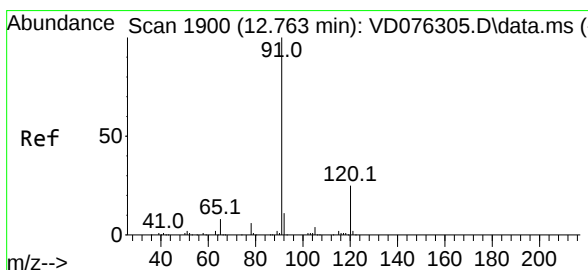
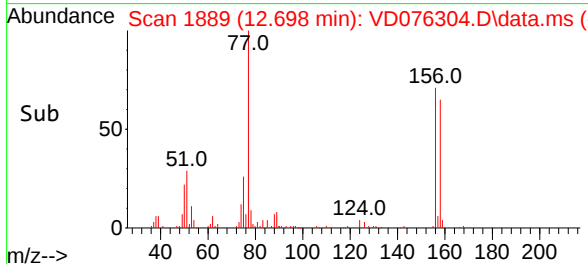
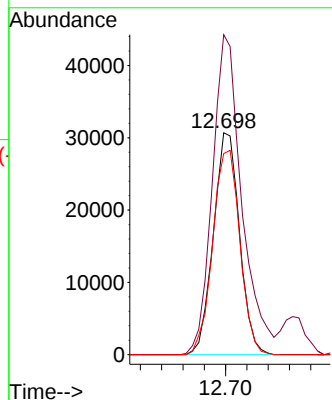
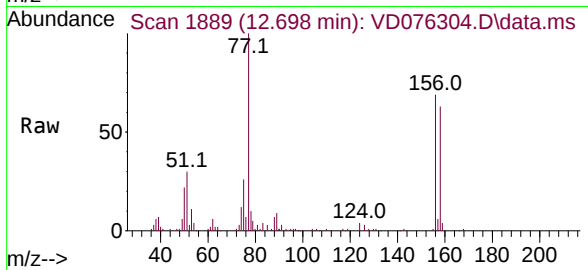
Tgt Ion:156 Resp: 52165

Ion Ratio Lower Upper

156 100

77 162.4 76.8 230.4

158 95.9 48.6 145.9



#78

n-propylbenzene

Concen: 18.202 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD076304.D

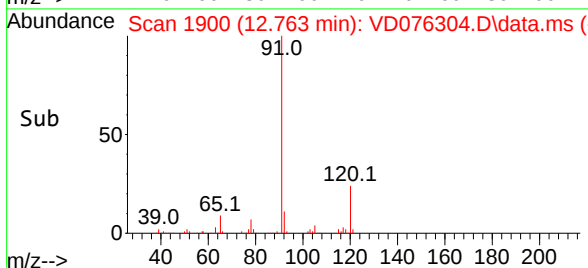
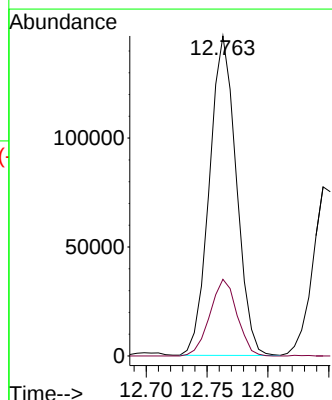
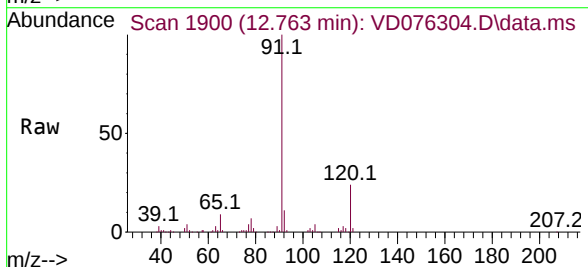
Acq: 01 Jun 2023 18:37

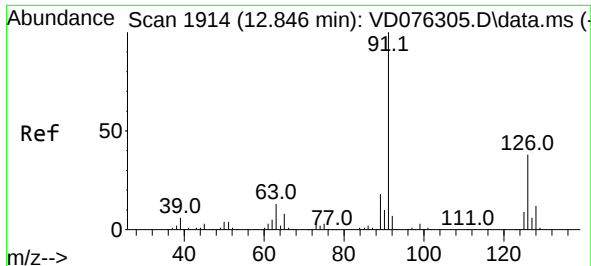
Tgt Ion: 91 Resp: 224899

Ion Ratio Lower Upper

91 100

120 24.2 12.4 37.2

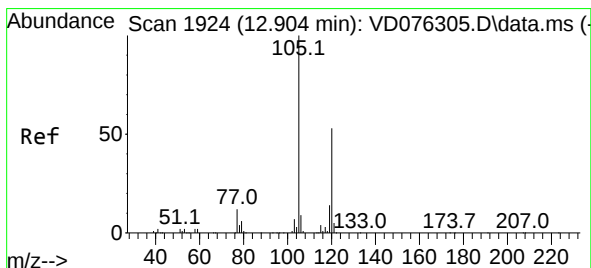
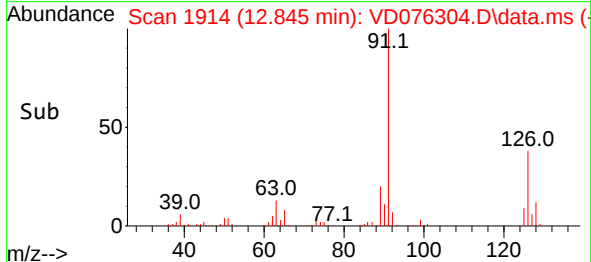
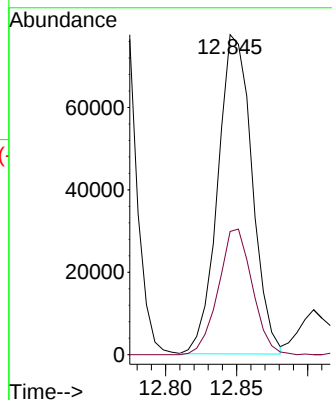
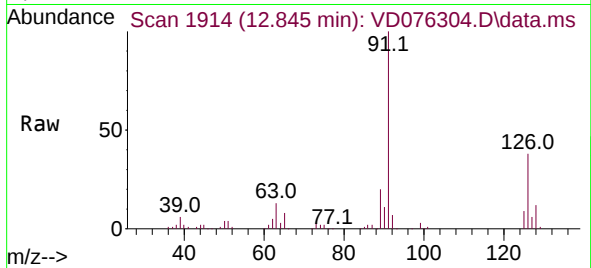




#79
2-Chlorotoluene
Concen: 18.900 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

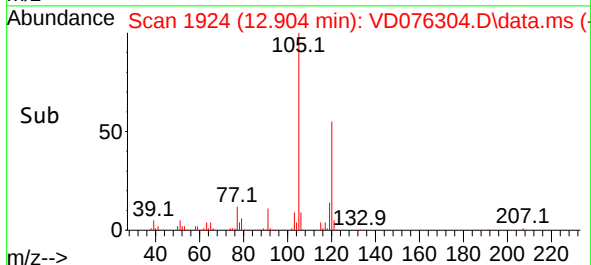
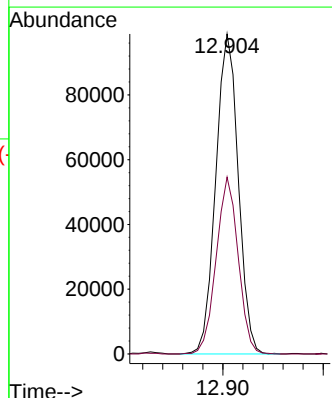
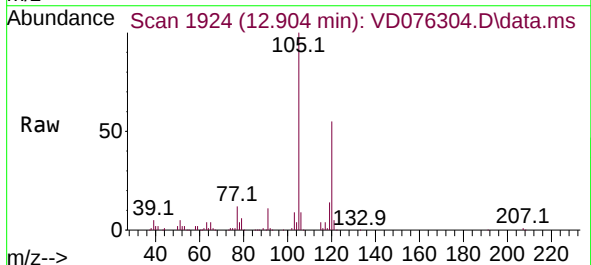
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

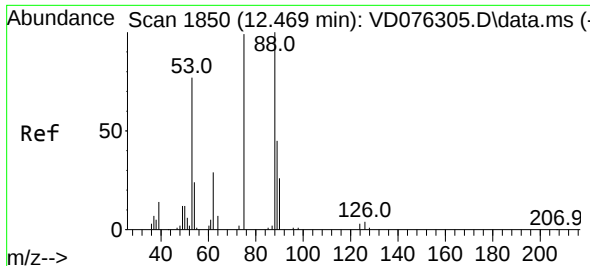
Tgt Ion: 91 Resp: 130263
Ion Ratio Lower Upper
91 100
126 39.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 18.645 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion: 105 Resp: 153612
Ion Ratio Lower Upper
105 100
120 54.0 26.4 79.2

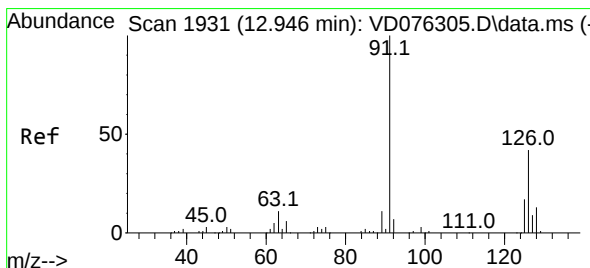
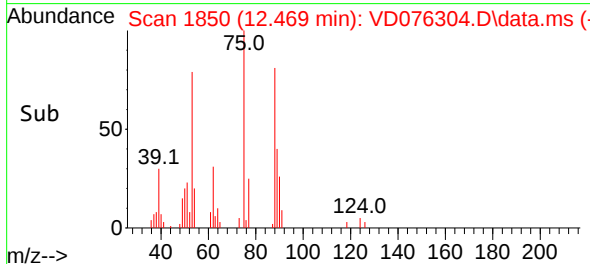
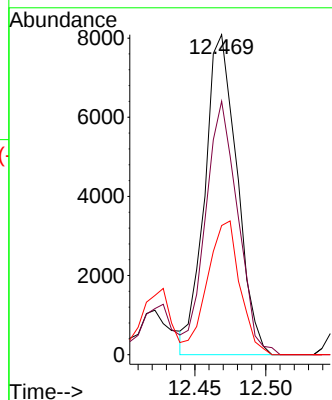
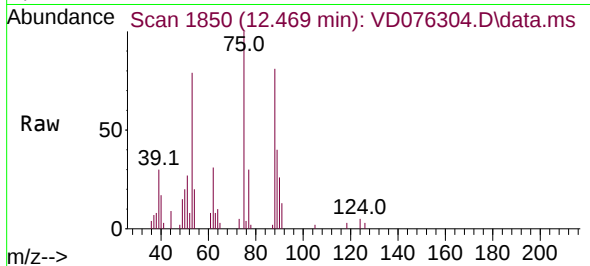




#81
trans-1,4-Dichloro-2-butene
Concen: 20.044 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

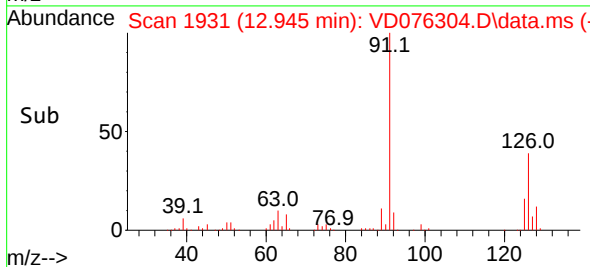
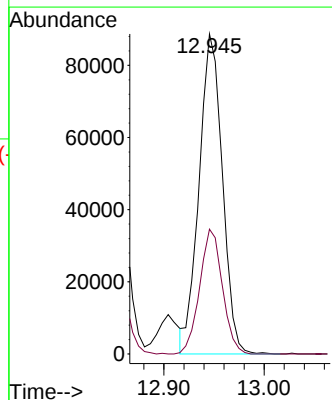
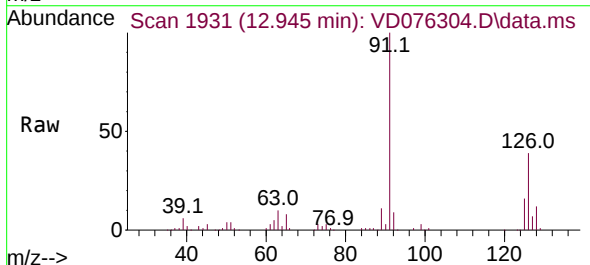
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

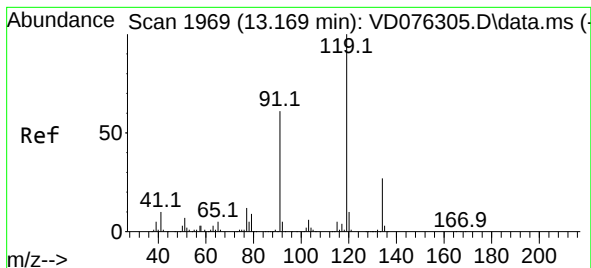
Tgt Ion:	75	Resp:	12774
Ion	Ratio	Lower	Upper
75	100		
53	79.3	63.0	94.4
89	42.4	37.9	56.9



#82
4-Chlorotoluene
Concen: 19.406 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion:	91	Resp:	143396
Ion	Ratio	Lower	Upper
91	100		
126	38.1	19.4	58.4





#83

tert-Butylbenzene

Concen: 17.722 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

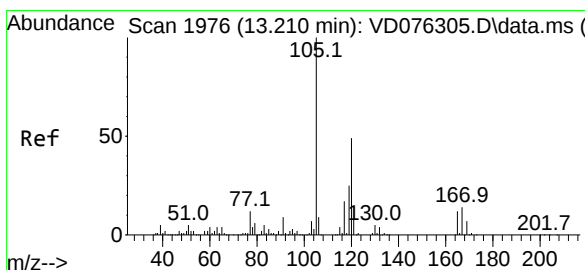
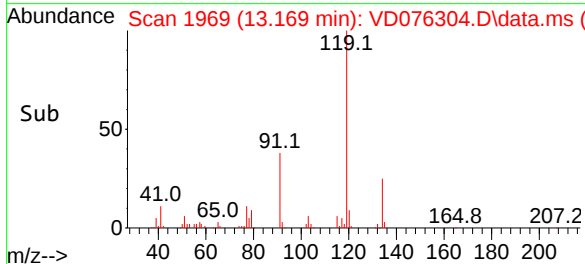
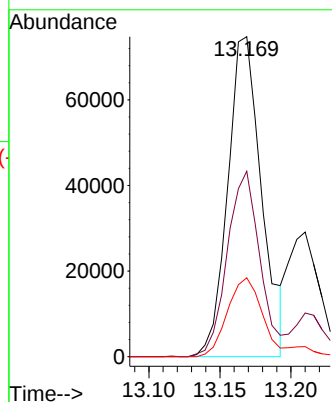
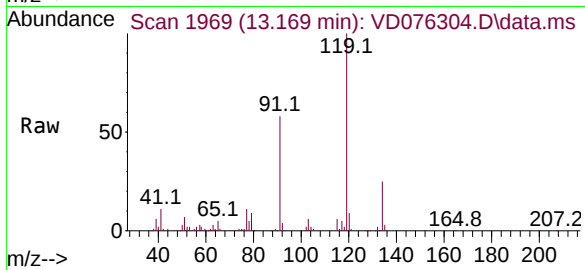
Tgt Ion:119 Resp: 124045

Ion Ratio Lower Upper

119 100

91 55.8 29.3 87.8

134 27.5 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 18.840 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD076304.D

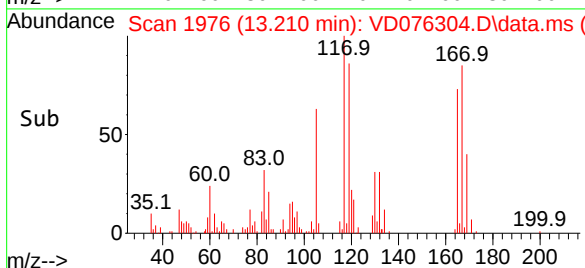
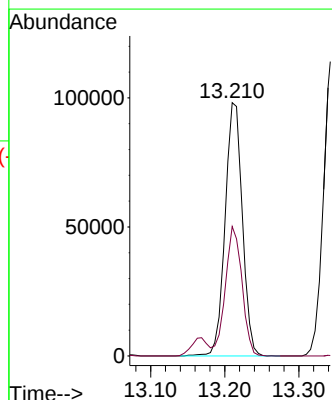
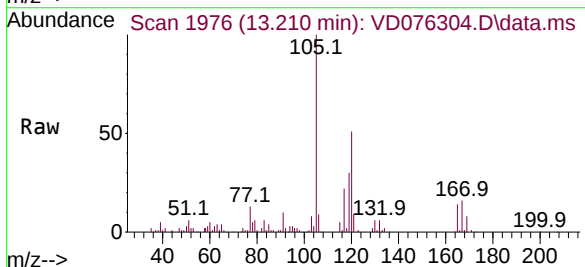
Acq: 01 Jun 2023 18:37

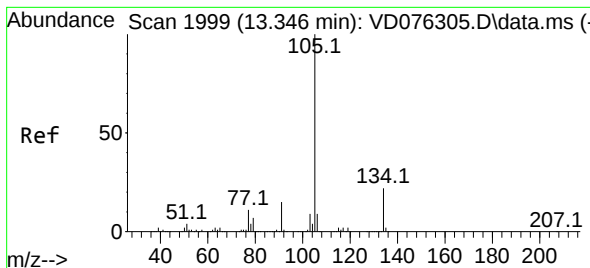
Tgt Ion:105 Resp: 158430

Ion Ratio Lower Upper

105 100

120 49.4 24.3 72.9





#85

sec-Butylbenzene

Concen: 17.693 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

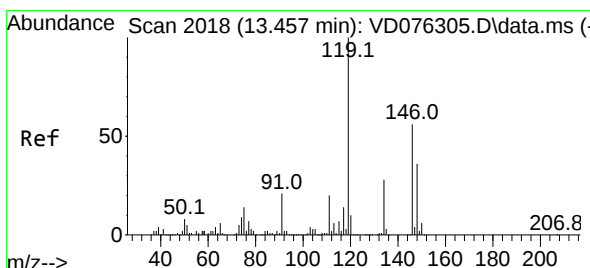
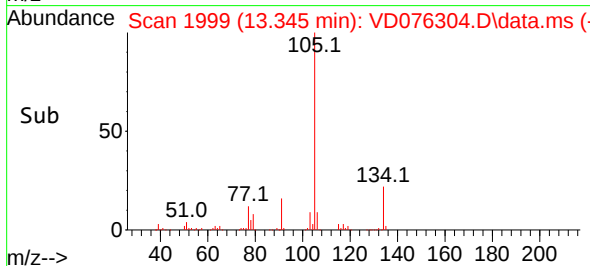
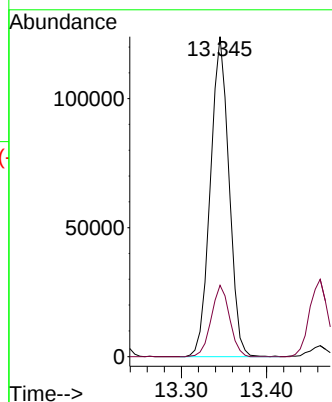
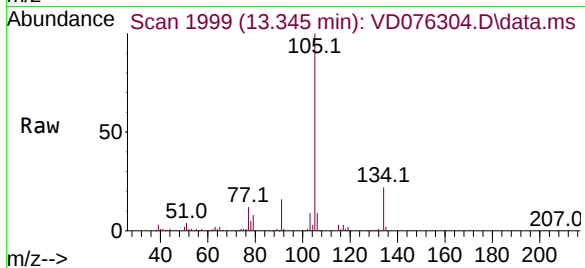
VSTDIC020

Tgt Ion:105 Resp: 188210

Ion Ratio Lower Upper

105 100

134 22.0 10.9 32.9



#86

p-Isopropyltoluene

Concen: 18.029 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

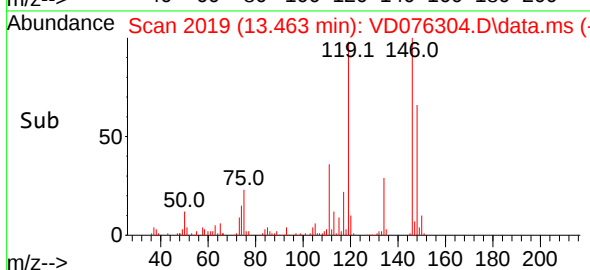
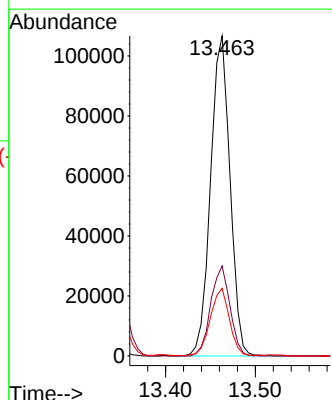
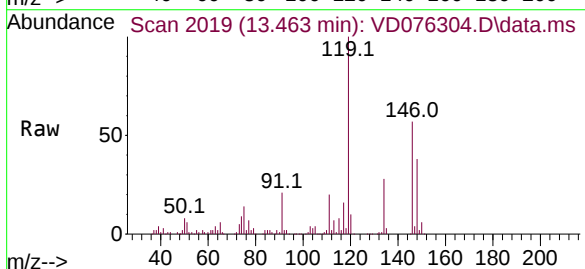
Tgt Ion:119 Resp: 160381

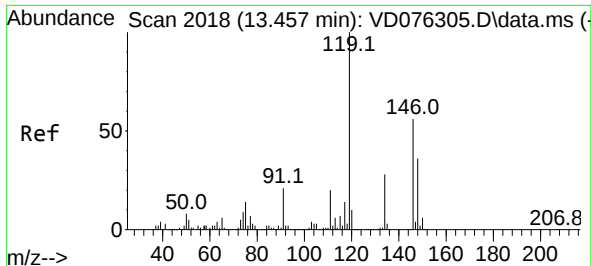
Ion Ratio Lower Upper

119 100

134 27.8 14.2 42.6

91 20.8 10.5 31.5

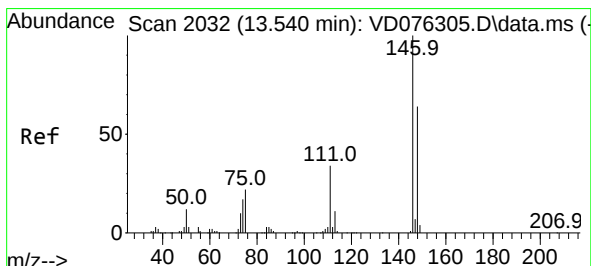
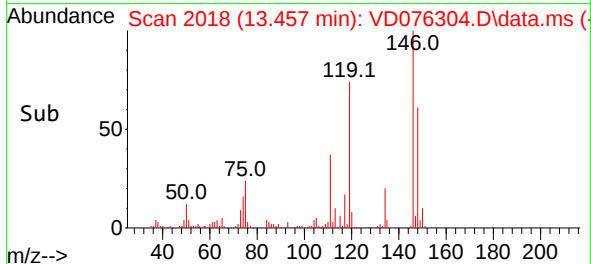
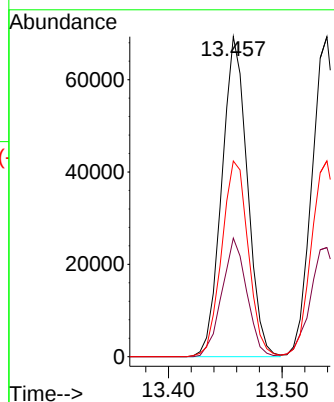
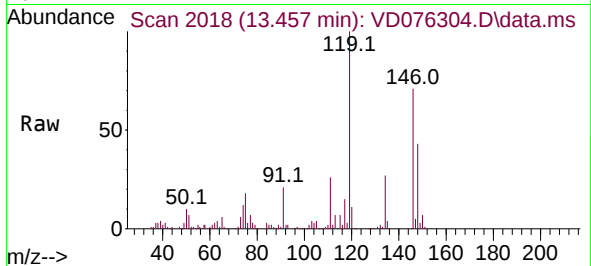




#87
1,3-Dichlorobenzene
Concen: 19.586 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

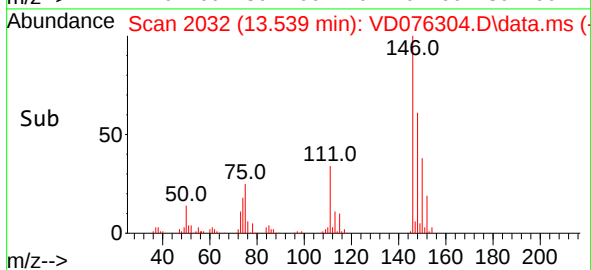
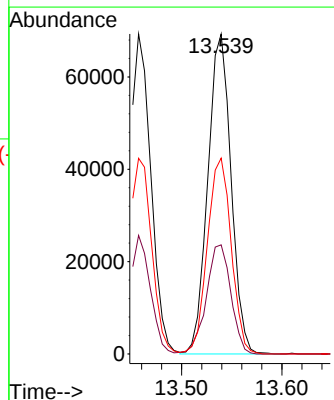
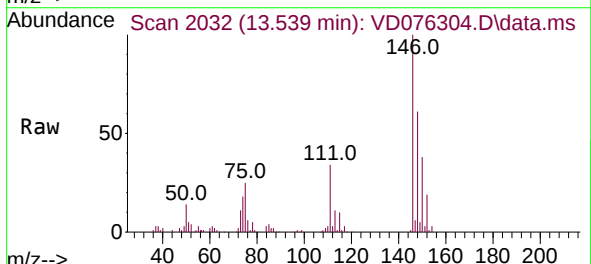
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

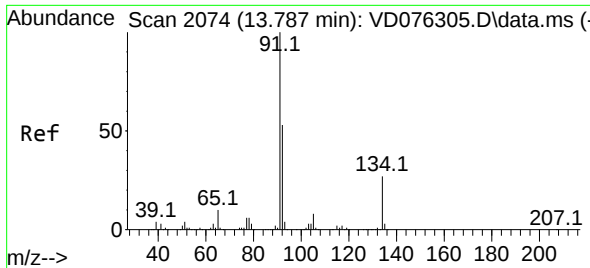
Tgt Ion:146 Resp: 108491
Ion Ratio Lower Upper
146 100
111 36.0 17.9 53.8
148 63.5 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 19.863 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion:146 Resp: 111734
Ion Ratio Lower Upper
146 100
111 36.0 17.4 52.3
148 62.8 31.7 95.1

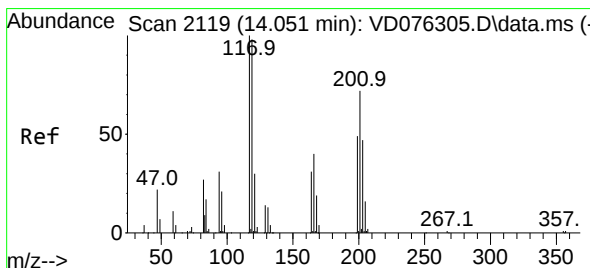
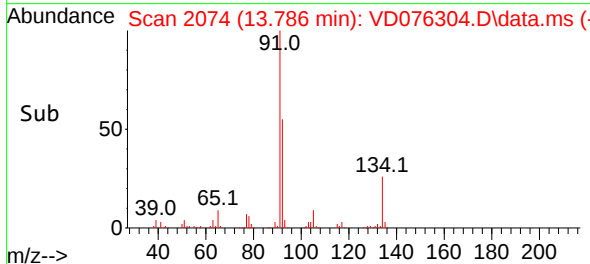
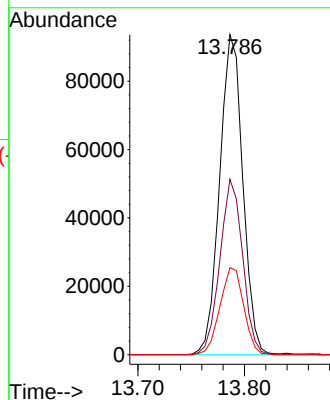
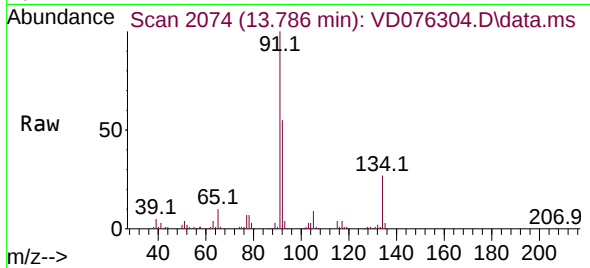




#89
n-Butylbenzene
Concen: 17.282 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

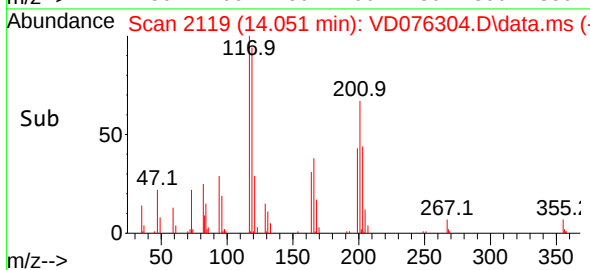
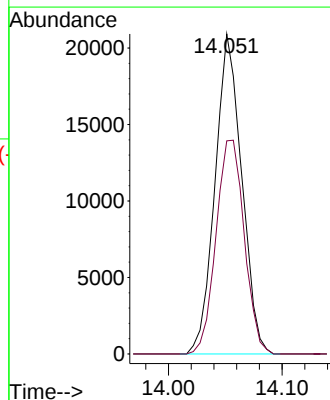
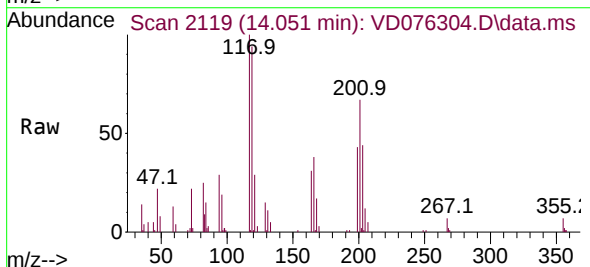
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

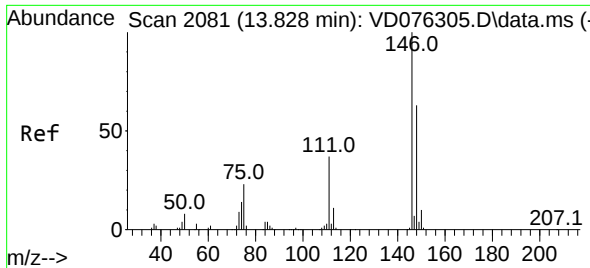
Tgt Ion: 91 Resp: 141202
Ion Ratio Lower Upper
91 100
92 53.7 26.5 79.5
134 27.8 13.8 41.3



#90
Hexachloroethane
Concen: 18.963 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion: 117 Resp: 34114
Ion Ratio Lower Upper
117 100
201 70.7 38.5 115.5

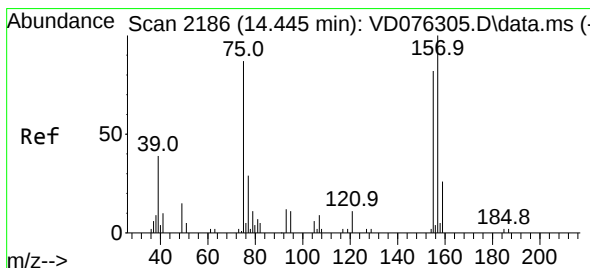
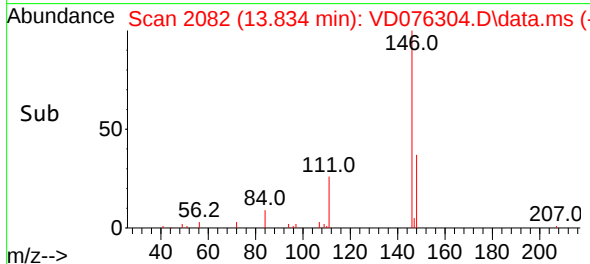
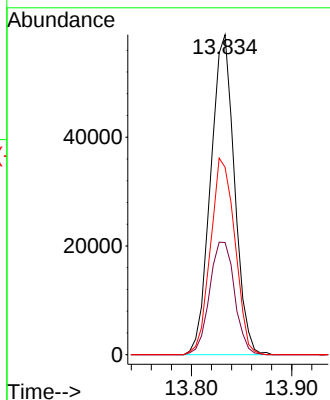
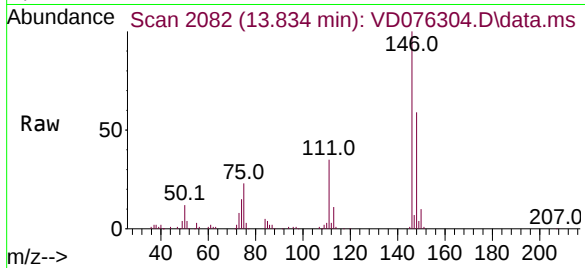




#91
1,2-Dichlorobenzene
Concen: 19.940 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

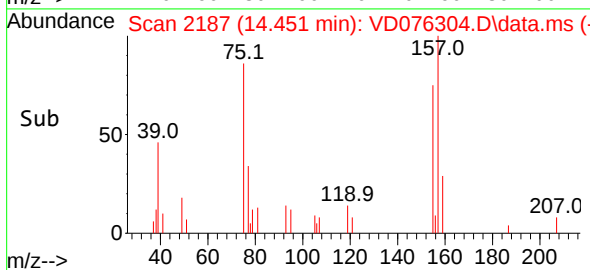
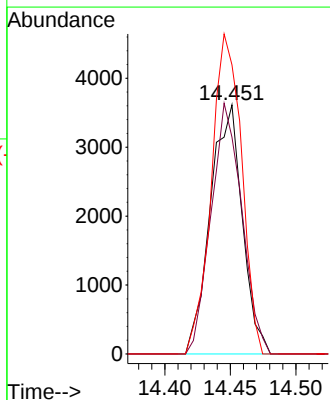
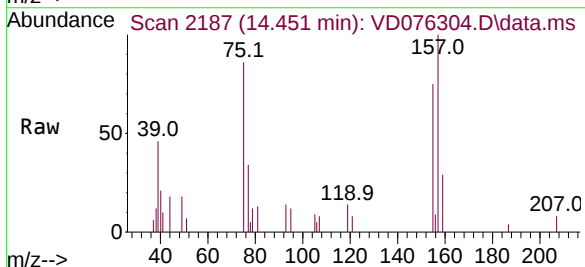
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

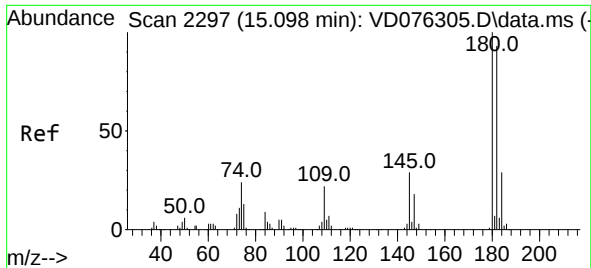
Tgt Ion:146	Resp:	97176
Ion Ratio	Lower	Upper
146	100	
111	37.0	18.3 54.8
148	63.1	31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.946 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076304.D
Acq: 01 Jun 2023 18:37

Tgt Ion: 75	Resp:	6115
Ion Ratio	Lower	Upper
75	100	
155	97.3	47.9 143.8
157	121.6	59.9 179.7

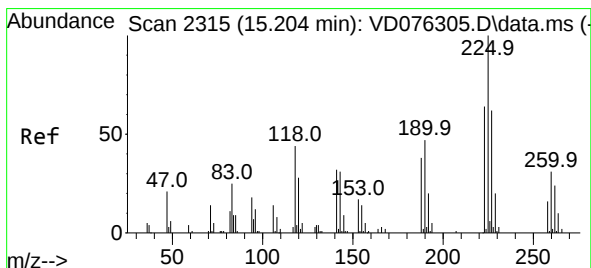
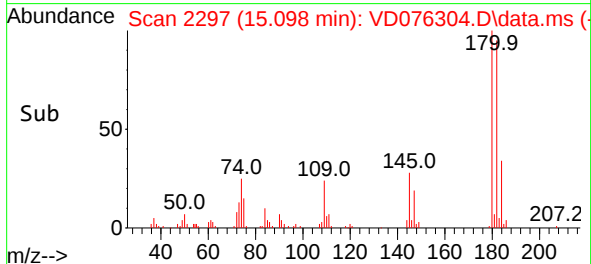
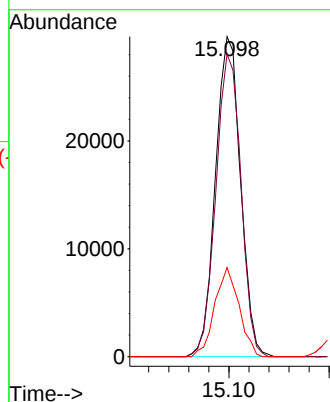
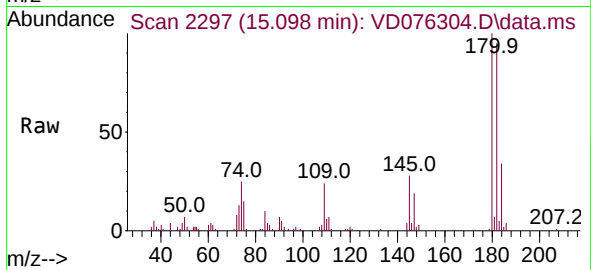




#93
 1,2,4-Trichlorobenzene
 Concen: 18.419 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD076304.D
 Acq: 01 Jun 2023 18:37

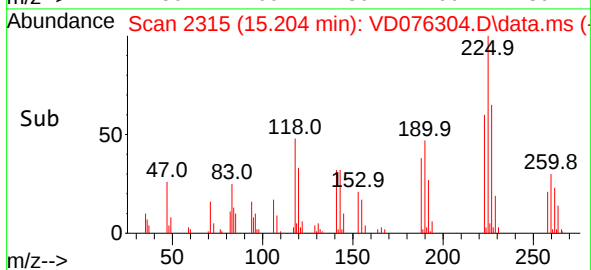
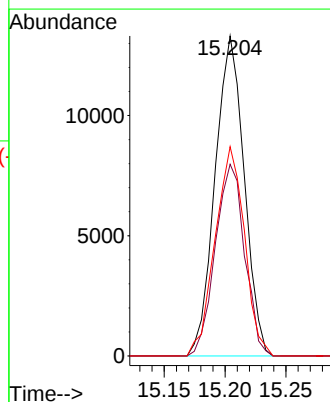
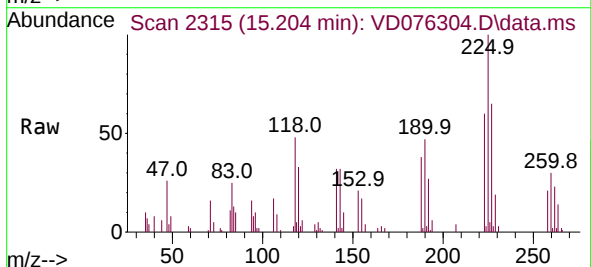
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

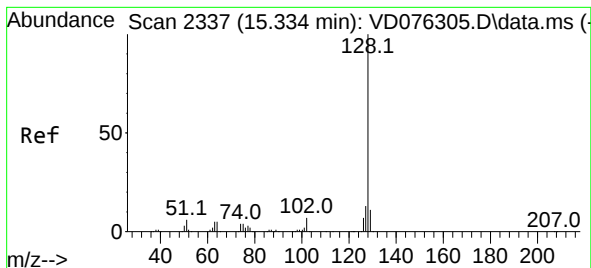
Tgt Ion:180 Resp: 51370
 Ion Ratio Lower Upper
 180 100
 182 94.5 48.5 145.6
 145 27.1 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 16.929 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. -0.000 min
 Lab File: VD076304.D
 Acq: 01 Jun 2023 18:37

Tgt Ion:225 Resp: 22129
 Ion Ratio Lower Upper
 225 100
 223 60.4 31.6 94.8
 227 66.0 31.7 95.1





#95

Naphthalene

Concen: 18.734 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. -0.001 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

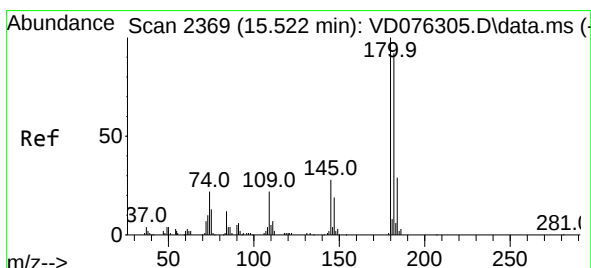
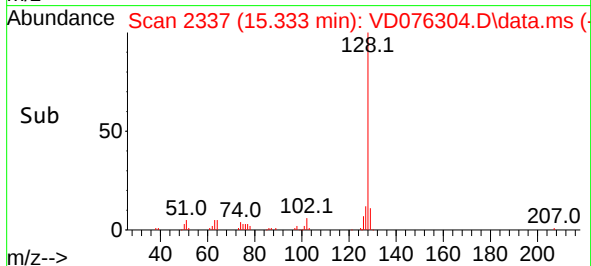
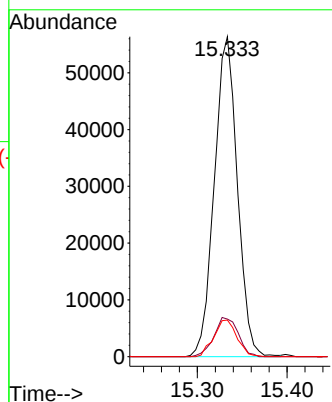
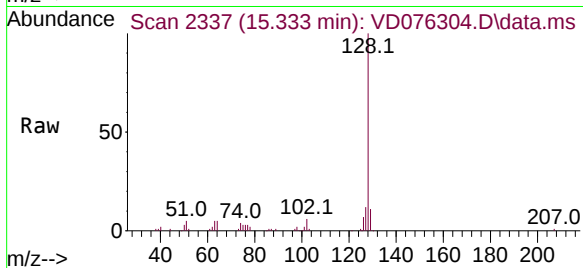
Tgt Ion:128 Resp: 100459

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 11.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.482 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076304.D

Acq: 01 Jun 2023 18:37

Tgt Ion:180 Resp: 47321

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.9

145 28.9 15.1 45.3

