

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051523\Not Reviewed Data\
 Data File : VD076114.D
 Acq On : 15 May 2023 13:50
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: May 16 18:51:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	269020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	413267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	370069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	190165	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	230204	88.540	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	177.080%#
35) Dibromofluoromethane	7.805	113	271811	95.153	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	190.300%#
50) Toluene-d8	10.269	98	1063922	95.542	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	191.080%#
62) 4-Bromofluorobenzene	12.575	95	312695	101.087	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	202.180%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	223382	92.069	ug/l	97
3) Chloromethane	2.146	50	387621	101.885	ug/l	99
4) Vinyl Chloride	2.281	62	476391	91.043	ug/l	99
5) Bromomethane	2.675	94	327262	92.897	ug/l	96
6) Chloroethane	2.828	64	320349	90.999	ug/l	98
7) Trichlorofluoromethane	3.170	101	402938	90.851	ug/l	100
8) Diethyl Ether	3.587	74	142536	97.726	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.964	101	265845	90.998	ug/l	94
10) Methyl Iodide	4.158	142	330142	108.686	ug/l #	89
11) Tert butyl alcohol	5.052	59	63230	459.735	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	278668	95.843	ug/l	89
13) Acrolein	3.793	56	163280	485.074	ug/l	97
14) Allyl chloride	4.558	41	294904	99.939	ug/l #	79
15) Acrylonitrile	5.252	53	297687	492.937	ug/l	97
16) Acetone	4.022	43	237702	459.501	ug/l #	80
17) Carbon Disulfide	4.264	76	775723	101.446	ug/l	98
18) Methyl Acetate	4.564	43	177580	96.233	ug/l #	79
19) Methyl tert-butyl Ether	5.316	73	588768	103.458	ug/l	99
20) Methylene Chloride	4.799	84	351054	98.523	ug/l #	79
21) trans-1,2-Dichloroethene	5.311	96	319408	95.317	ug/l #	80
22) Diisopropyl ether	6.216	45	711078	103.817	ug/l #	90
23) Vinyl Acetate	6.152	43	1732062	643.147	ug/l #	92
24) 1,1-Dichloroethane	6.105	63	501540	92.848	ug/l	97
25) 2-Butanone	7.081	43	325582	500.555	ug/l #	76
26) 2,2-Dichloropropane	7.075	77	420831	95.544	ug/l	91
27) cis-1,2-Dichloroethene	7.075	96	368612	99.127	ug/l	84
28) Bromochloromethane	7.422	49	164826	91.512	ug/l #	64
29) Tetrahydrofuran	7.440	42	196692	518.816	ug/l #	68
30) Chloroform	7.593	83	529486	91.661	ug/l	93
31) Cyclohexane	7.875	56	388968	97.682	ug/l	85
32) 1,1,1-Trichloroethane	7.793	97	430758	93.572	ug/l	96
36) 1,1-Dichloropropene	8.005	75	393317	101.949	ug/l	95
37) Ethyl Acetate	7.169	43	141967	106.268	ug/l #	84
38) Carbon Tetrachloride	7.987	117	347795	99.805	ug/l	93
39) Methylcyclohexane	9.269	83	483036	108.750	ug/l	95
40) Benzene	8.252	78	1215296	97.981	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	68573	93.612	ug/l #	67
42) 1,2-Dichloroethane	8.322	62	278639	94.977	ug/l	91
43) Isopropyl Acetate	8.358	43	260224	104.275	ug/l #	84
44) Trichloroethene	9.028	130	339725	97.188	ug/l	90
45) 1,2-Dichloropropane	9.305	63	298243	97.483	ug/l	94
46) Dibromomethane	9.393	93	161883	94.398	ug/l	90
47) Bromodichloromethane	9.581	83	398126	96.598	ug/l	96
48) Methyl methacrylate	9.381	41	122084	110.533	ug/l #	61
49) 1,4-Dioxane	9.387	88	38200	2083.070	ug/l #	78
51) 4-Methyl-2-Pentanone	10.157	43	700899	528.080	ug/l #	81
52) Toluene	10.334	92	773060	99.792	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	380052	102.313	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	466521	102.911	ug/l #	78
55) 1,1,2-Trichloroethane	10.734	97	230219	93.615	ug/l	95
56) Ethyl methacrylate	10.599	69	272034	110.053	ug/l #	70
57) 1,3-Dichloropropane	10.881	76	378492	98.101	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	636746	536.884	ug/l	92
59) 2-Hexanone	10.922	43	499567	533.714	ug/l	75
60) Dibromochloromethane	11.075	129	267190	96.628	ug/l	98
61) 1,2-Dibromoethane	11.181	107	210581	96.261	ug/l	98
64) Tetrachloroethene	10.810	164	278176	97.752	ug/l	94
65) Chlorobenzene	11.604	112	817439	97.026	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	285031	98.310	ug/l	95
67) Ethyl Benzene	11.681	91	1472727	109.397	ug/l	97
68) m/p-Xylenes	11.793	106	1181491	214.736	ug/l	93
69) o-Xylene	12.122	106	552212	109.993	ug/l	94
70) Styrene	12.134	104	955952	109.826	ug/l	95
71) Bromoform	12.299	173	155706	95.477	ug/l #	98
73) Isopropylbenzene	12.422	105	1404981	111.687	ug/l	98
74) N-amyl acetate	12.234	43	248348	110.836	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.675	83	262402	97.054	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	310473	186.571	ug/l #	100
77) Bromobenzene	12.698	156	337066	99.969	ug/l	93
78) n-propylbenzene	12.763	91	1728945	110.418	ug/l	98
79) 2-Chlorotoluene	12.851	91	925648	106.813	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	1161525	111.381	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	83709	105.527	ug/l #	73
82) 4-Chlorotoluene	12.946	91	984711	106.827	ug/l	96
83) tert-Butylbenzene	13.169	119	990752	112.416	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	1153497	111.068	ug/l	95
85) sec-Butylbenzene	13.345	105	1524592	110.999	ug/l	98
86) p-Isopropyltoluene	13.463	119	1251027	111.314	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	682987	100.186	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	674344	99.900	ug/l	97
89) n-Butylbenzene	13.787	91	1202159	113.506	ug/l	98
90) Hexachloroethane	14.057	117	228789	98.968	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	598316	100.010	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	34248	97.558	ug/l	82
93) 1,2,4-Trichlorobenzene	15.098	180	376155	108.093	ug/l	96
94) Hexachlorobutadiene	15.204	225	184584	104.032	ug/l	97
95) Naphthalene	15.334	128	734370	113.575	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	335428	105.985	ug/l	98

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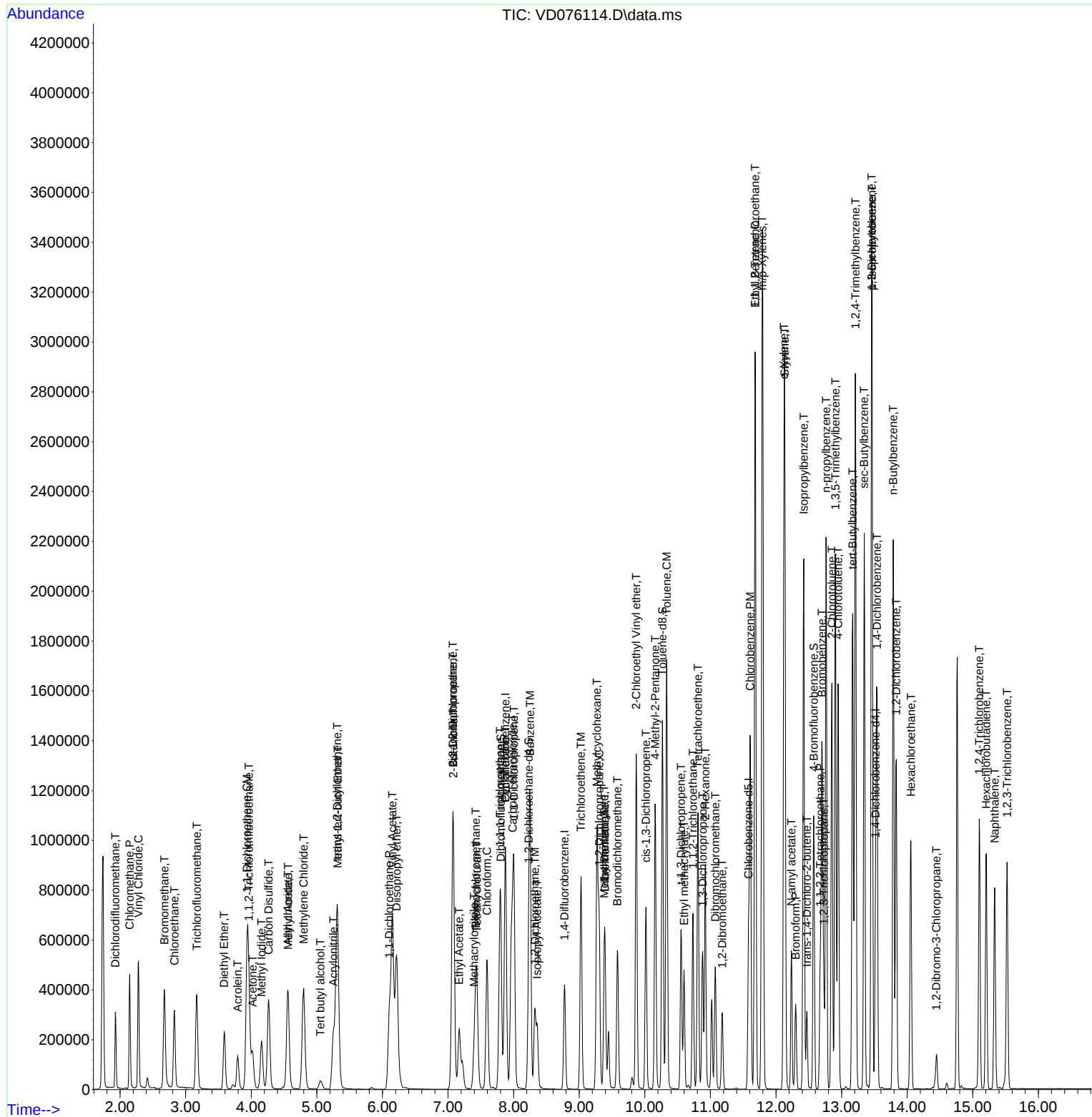
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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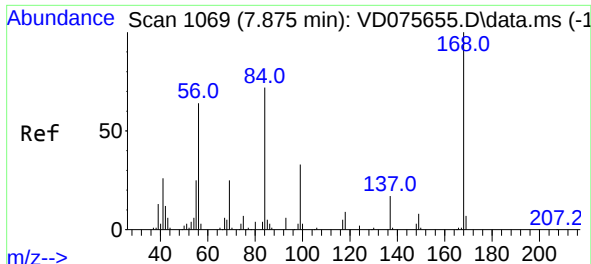
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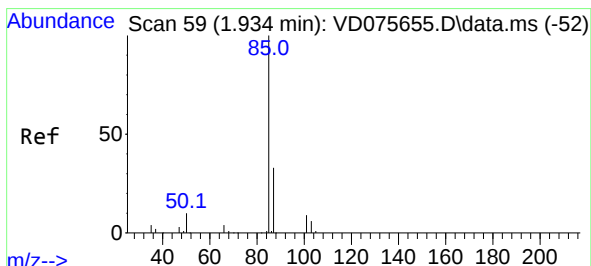
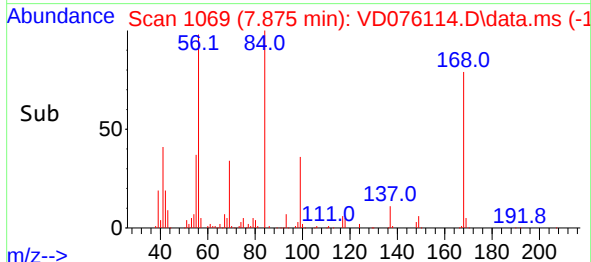
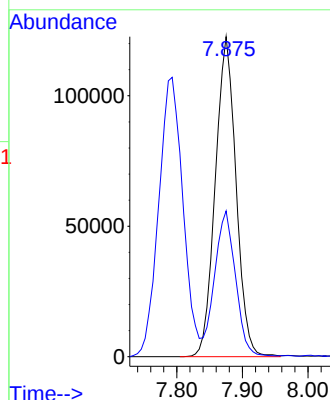
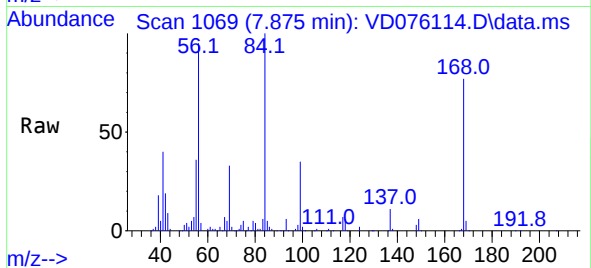




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
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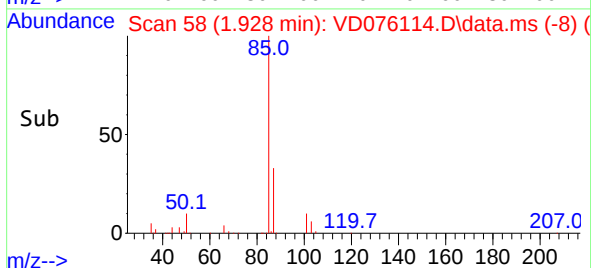
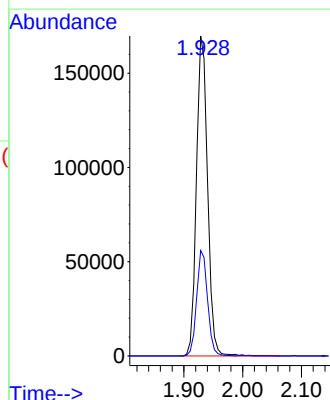
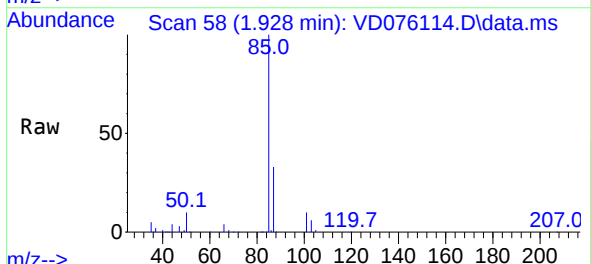
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:168 Resp: 269020
Ion Ratio Lower Upper
168 100
99 45.2 43.8 65.6

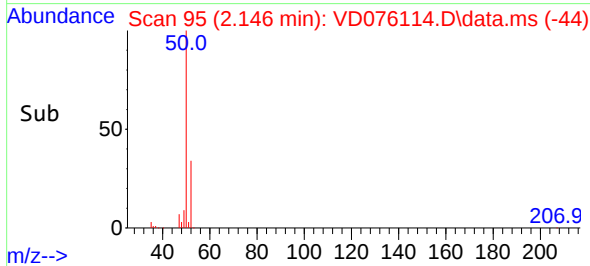
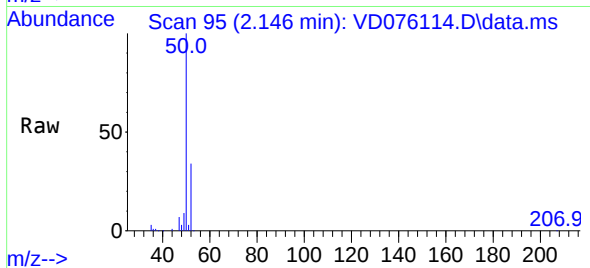
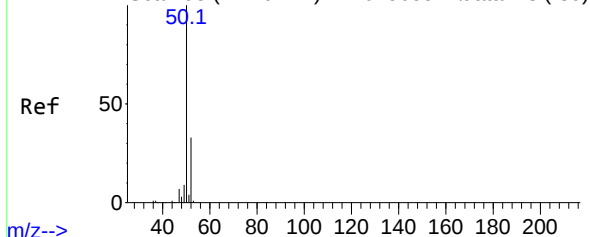


#2
Dichlorodifluoromethane
Concen: 92.069 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 85 Resp: 223382
Ion Ratio Lower Upper
85 100
87 33.0 17.3 51.7



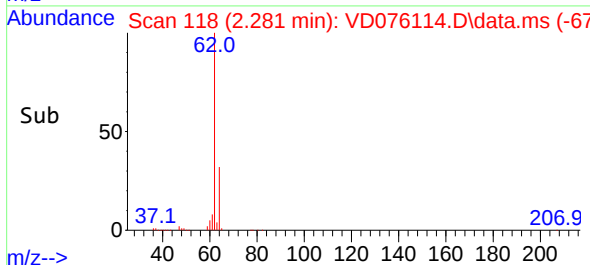
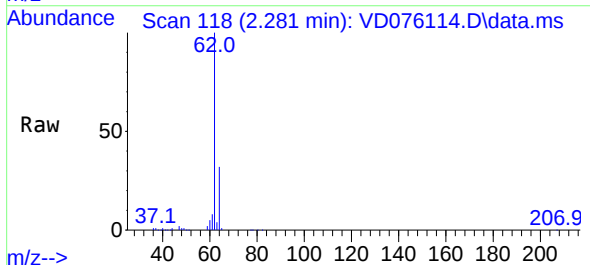
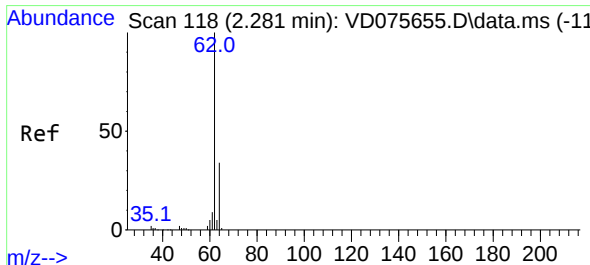
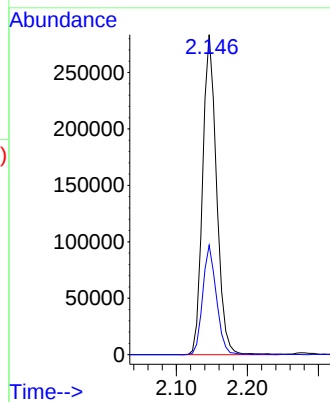
Abundance Scan 95 (2.146 min): VD075655.D\data.ms (-89)



#3
Chloromethane
Concen: 101.885 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

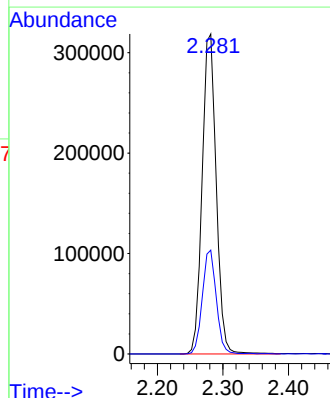
Instrument :
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ClientSampleId :
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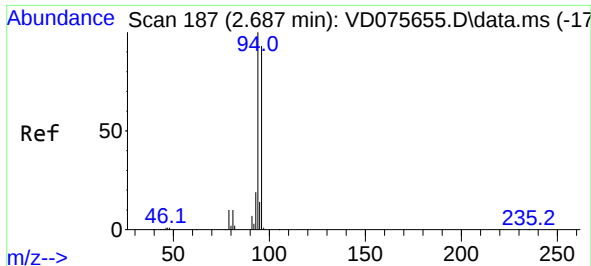
Tgt Ion: 50 Resp: 387621
Ion Ratio Lower Upper
50 100
52 34.2 27.8 41.8



#4
Vinyl Chloride
Concen: 91.043 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 62 Resp: 476391
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0

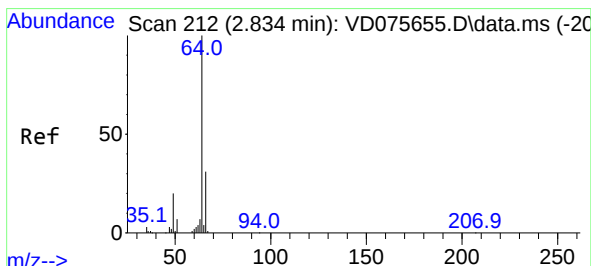
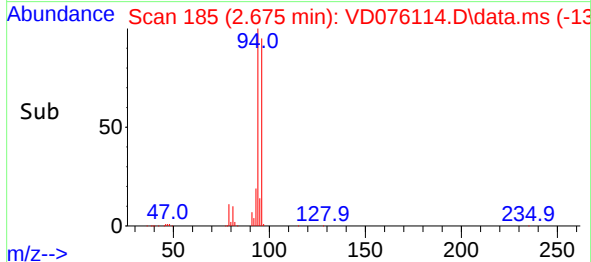
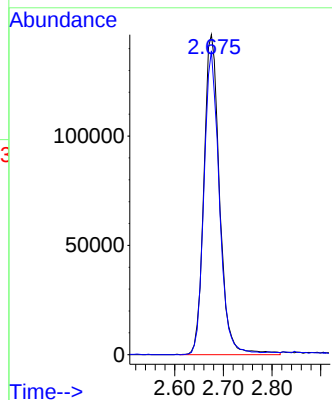
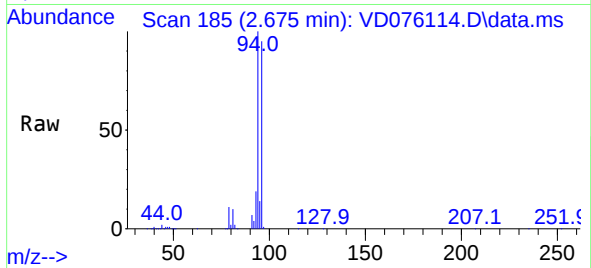




#5
Bromomethane
Concen: 92.897 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD076114.D
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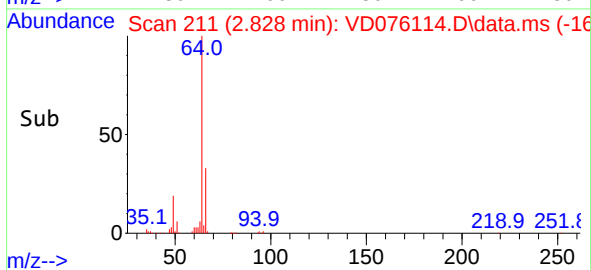
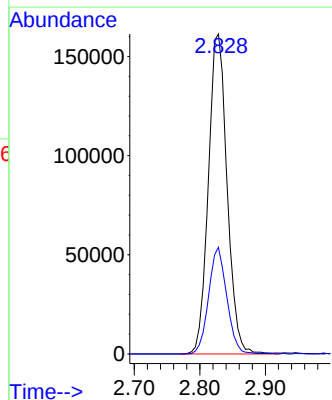
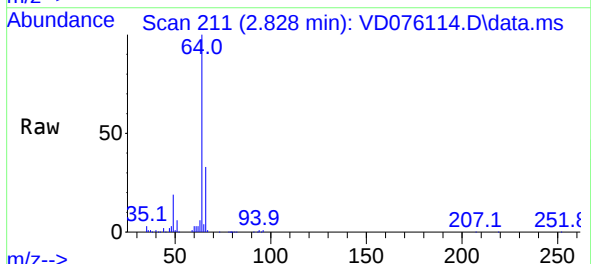
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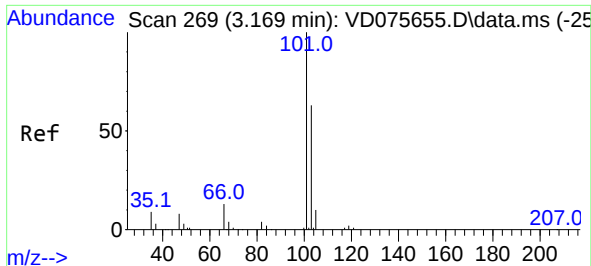
Tgt Ion: 94 Resp: 327262
Ion Ratio Lower Upper
94 100
96 93.1 77.5 116.3



#6
Chloroethane
Concen: 90.999 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 64 Resp: 320349
Ion Ratio Lower Upper
64 100
66 33.3 27.7 41.5

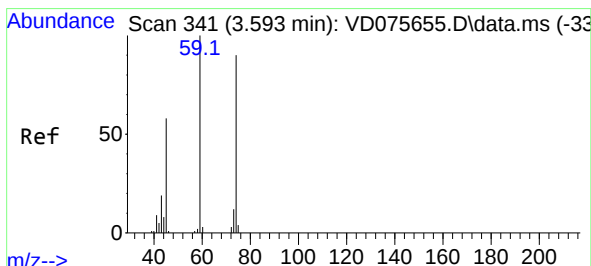
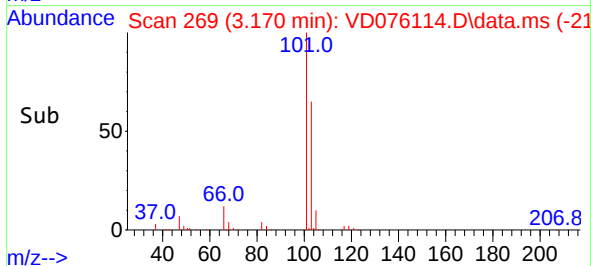
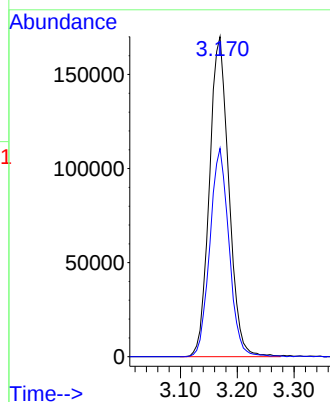
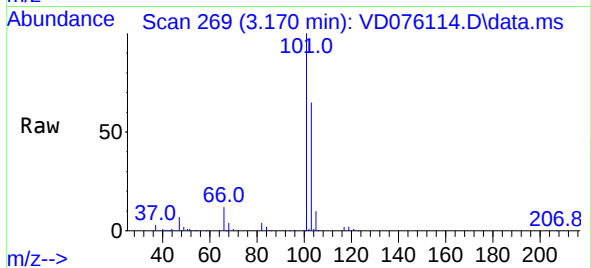




#7
Trichlorofluoromethane
Concen: 90.851 ug/l
RT: 3.170 min Scan# 20
Delta R.T. 0.001 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

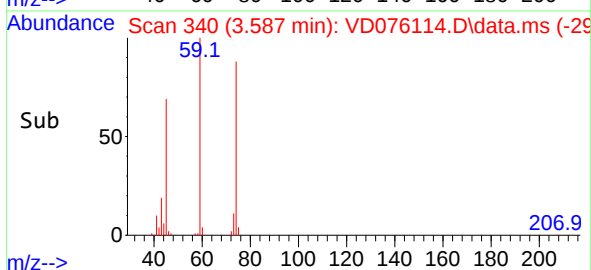
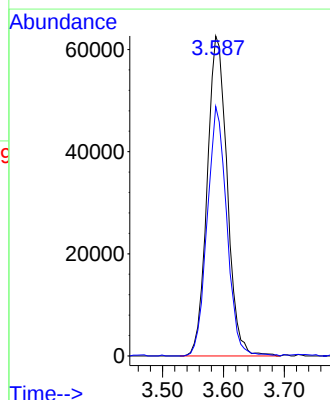
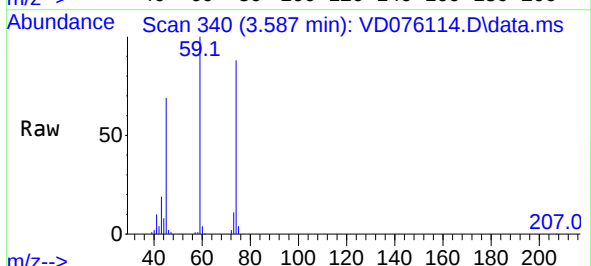
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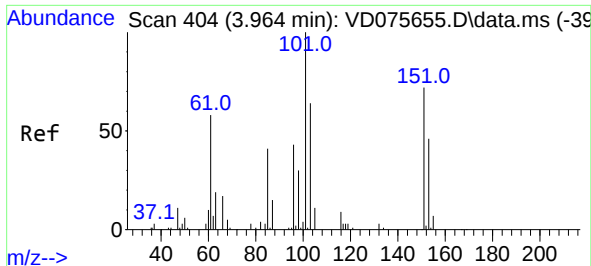
Tgt Ion:101 Resp: 402938
Ion Ratio Lower Upper
101 100
103 65.1 51.9 77.9



#8
Diethyl Ether
Concen: 97.726 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 74 Resp: 142536
Ion Ratio Lower Upper
74 100
45 76.6 50.9 152.7

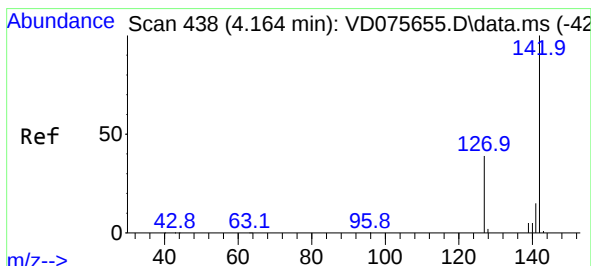
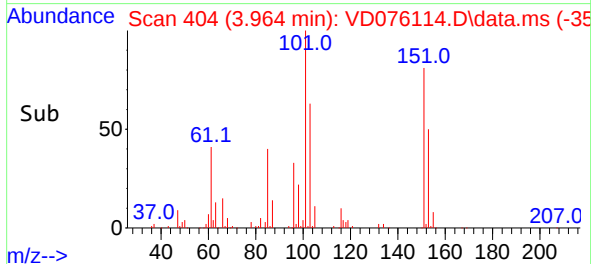
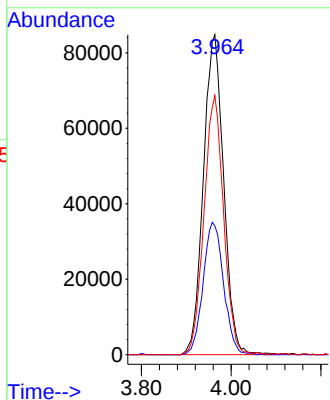
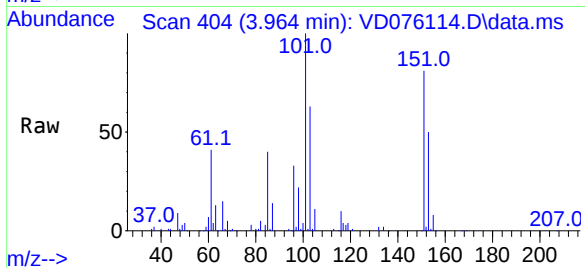




#9
1,1,2-Trichlorotrifluoroethane
Concen: 90.998 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

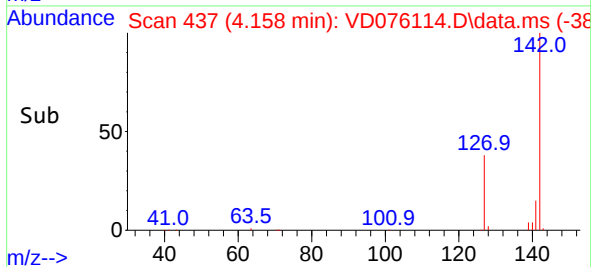
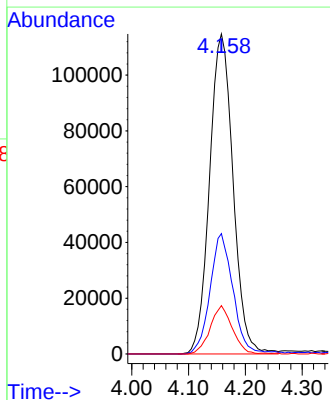
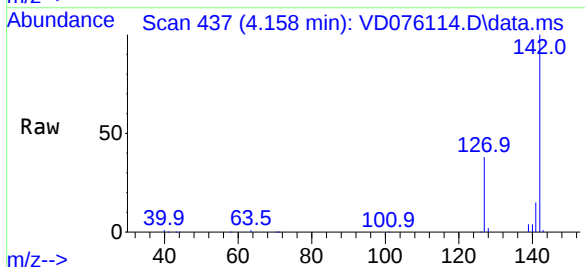
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

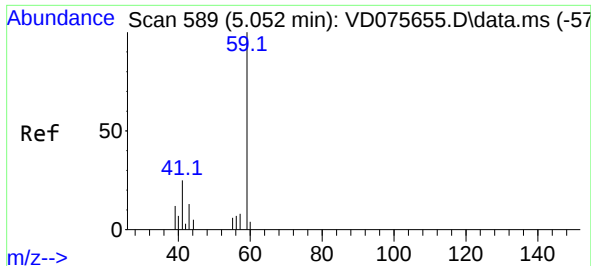
Tgt Ion:101 Resp: 265845
Ion Ratio Lower Upper
101 100
85 41.8 38.3 57.5
151 78.5 60.4 90.6



#10
Methyl Iodide
Concen: 108.686 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion:142 Resp: 330142
Ion Ratio Lower Upper
142 100
127 36.7 37.1 55.7#
141 14.1 11.3 16.9

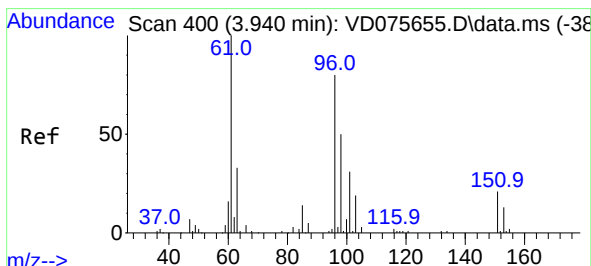
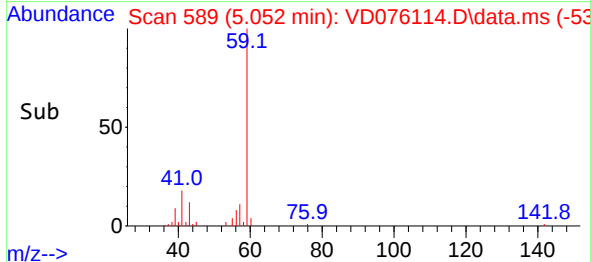
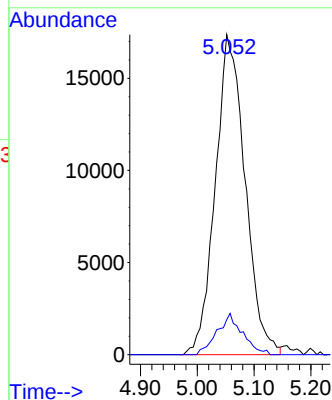
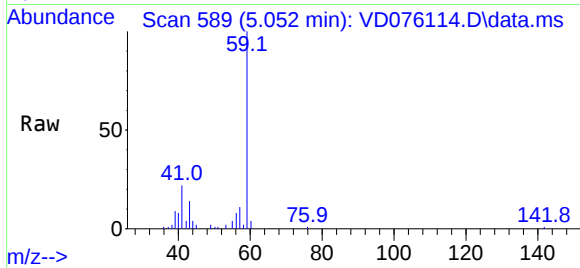




#11
Tert butyl alcohol
Concen: 459.735 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

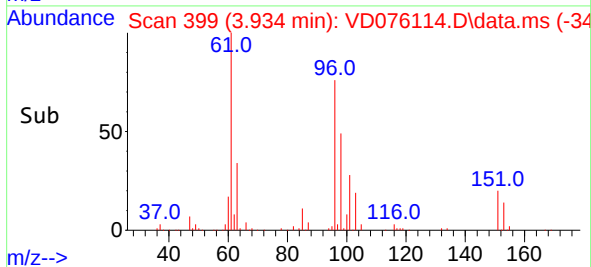
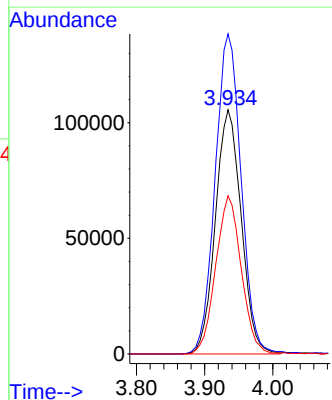
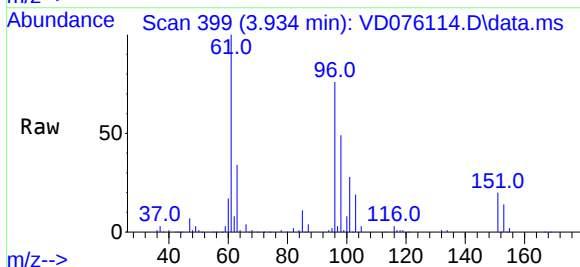
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

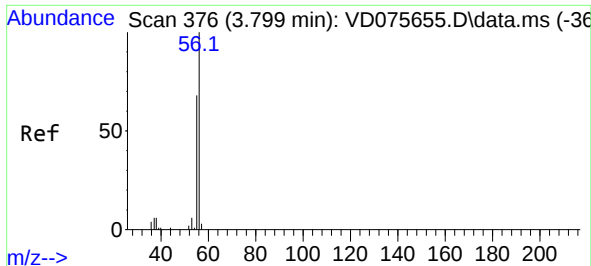
Tgt Ion: 59 Resp: 63230
Ion Ratio Lower Upper
59 100
57 11.0 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 95.843 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 96 Resp: 278668
Ion Ratio Lower Upper
96 100
61 131.1 118.6 177.8
98 64.8 49.7 74.5





#13

Acrolein

Concen: 485.074 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD076114.D

Acq: 15 May 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

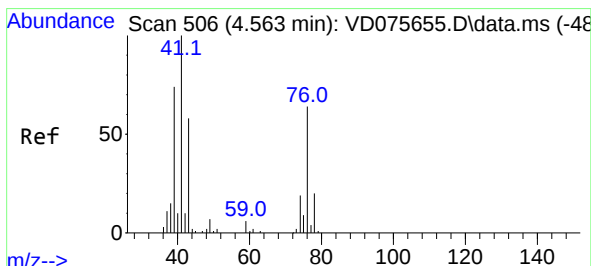
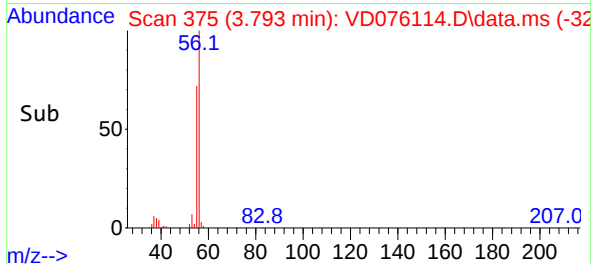
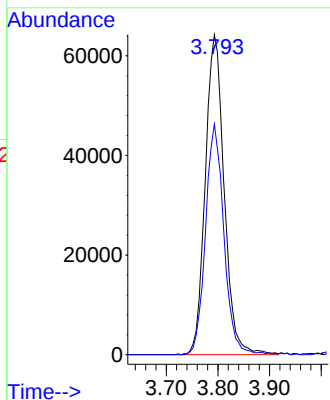
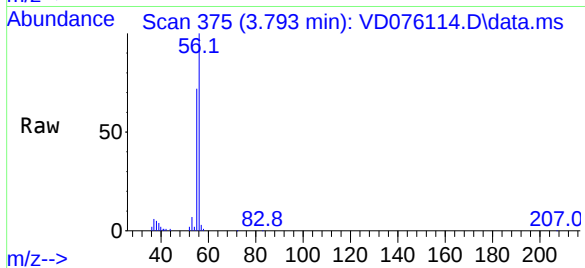
VSTDICC100

Tgt Ion: 56 Resp: 163280

Ion Ratio Lower Upper

56 100

55 69.9 53.9 80.9



#14

Allyl chloride

Concen: 99.939 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD076114.D

Acq: 15 May 2023 13:50

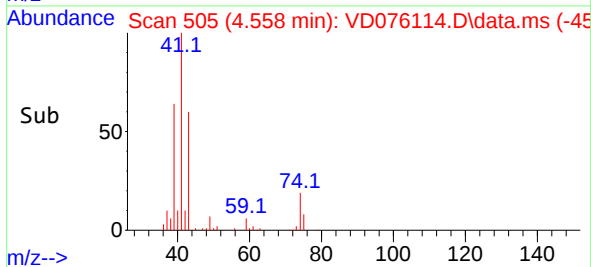
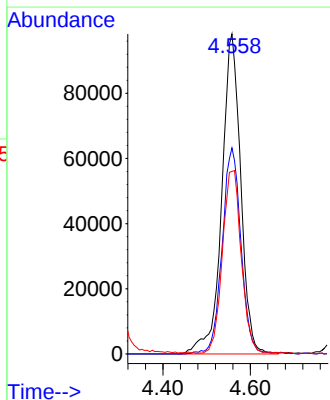
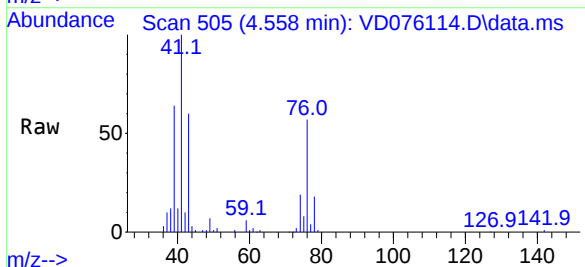
Tgt Ion: 41 Resp: 294904

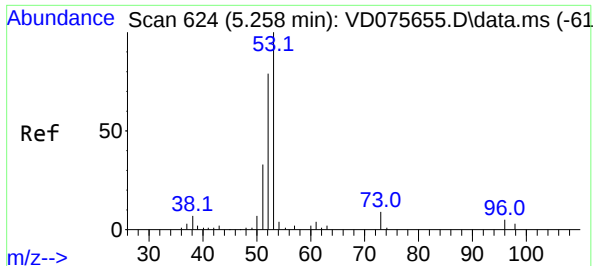
Ion Ratio Lower Upper

41 100

39 64.0 60.6 90.8

76 56.5 28.6 43.0#

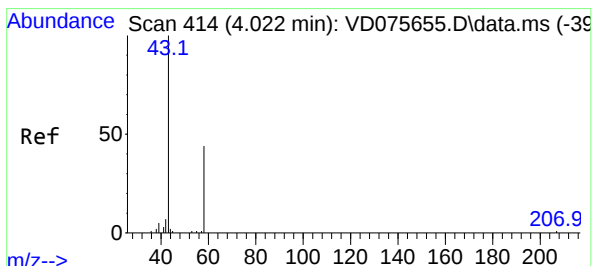
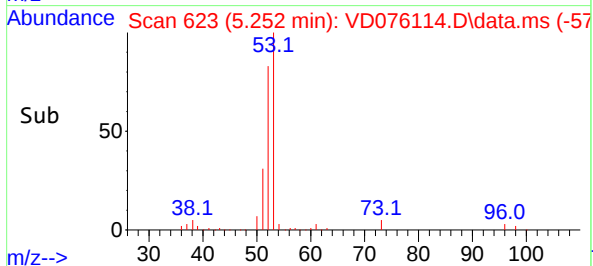
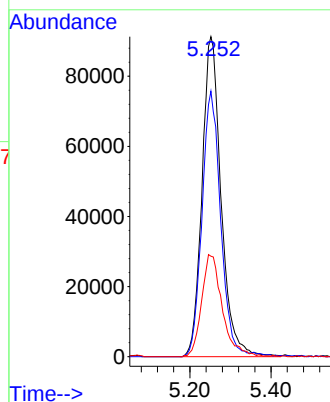
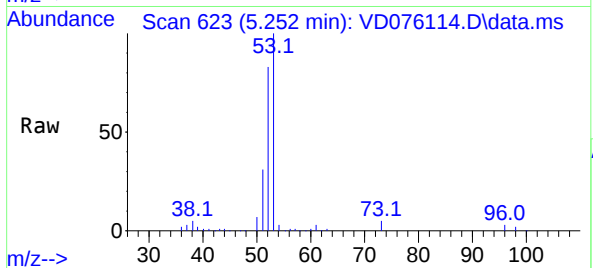




#15
Acrylonitrile
Concen: 492.937 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

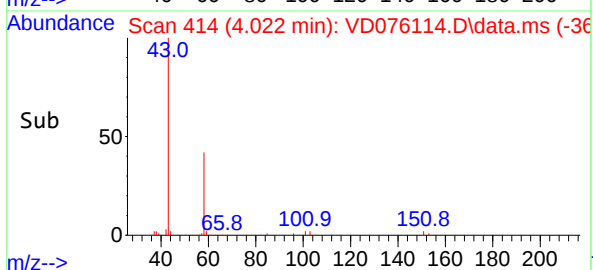
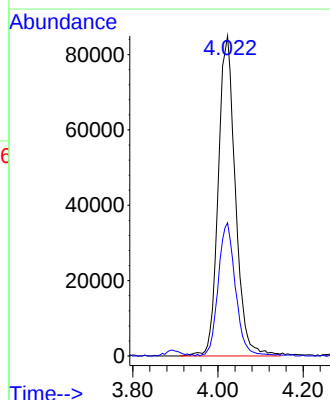
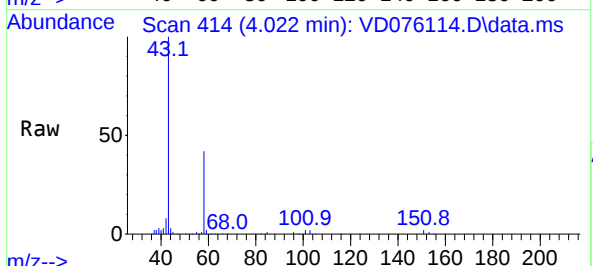
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

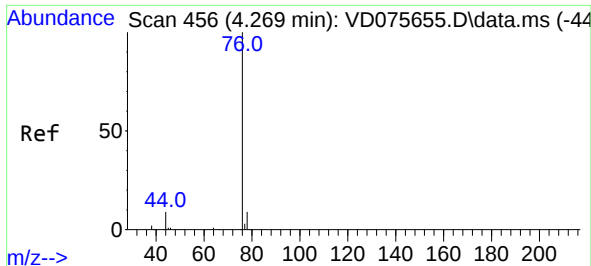
Tgt Ion: 53 Resp: 297687
Ion Ratio Lower Upper
53 100
52 81.9 66.2 99.4
51 34.6 30.7 46.1



#16
Acetone
Concen: 459.501 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 43 Resp: 237702
Ion Ratio Lower Upper
43 100
58 41.3 24.4 36.6#

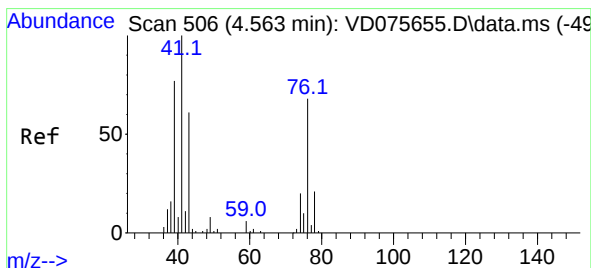
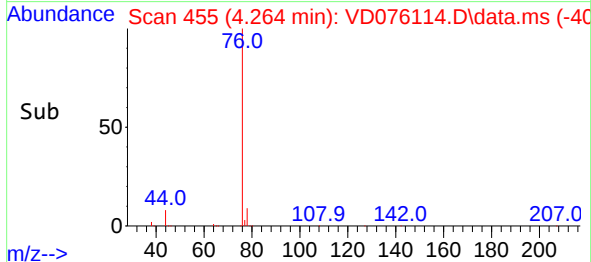
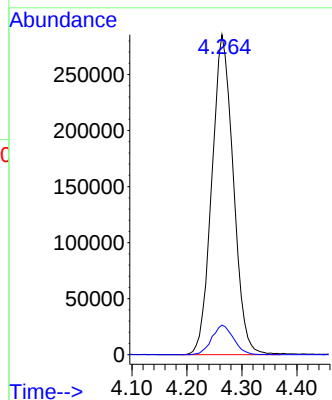
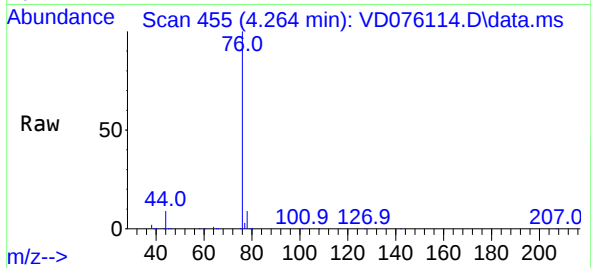




#17
Carbon Disulfide
Concen: 101.446 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

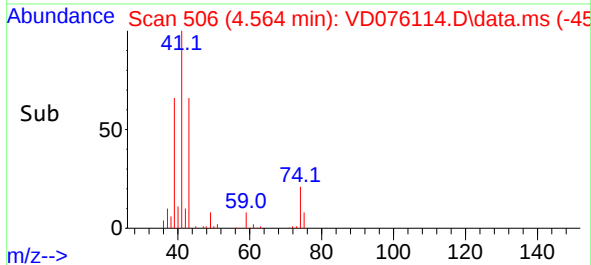
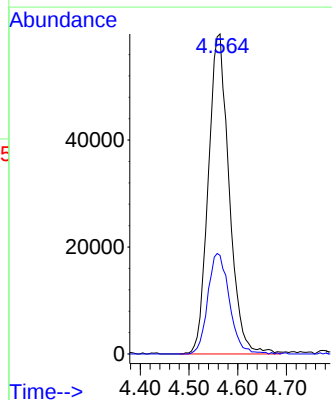
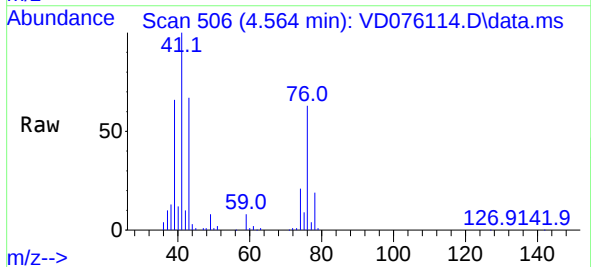
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

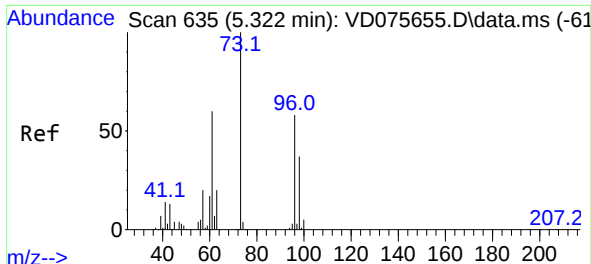
Tgt Ion: 76 Resp: 775723
Ion Ratio Lower Upper
76 100
78 9.3 8.0 12.0



#18
Methyl Acetate
Concen: 96.233 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 43 Resp: 177580
Ion Ratio Lower Upper
43 100
74 32.5 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 103.458 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076114.D

Acq: 15 May 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

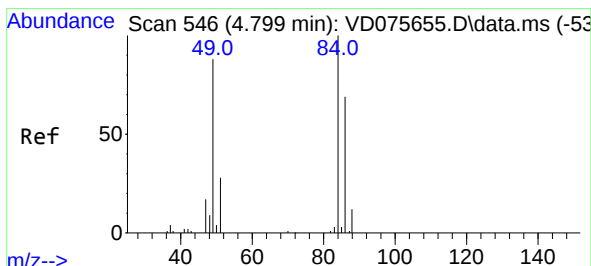
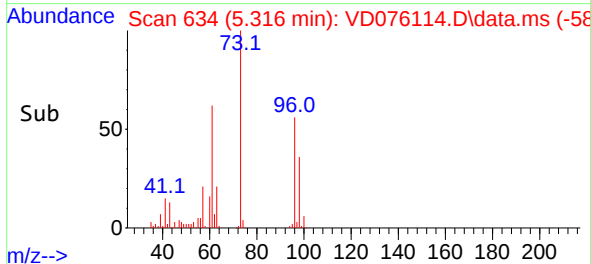
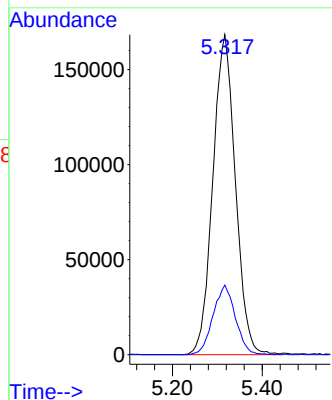
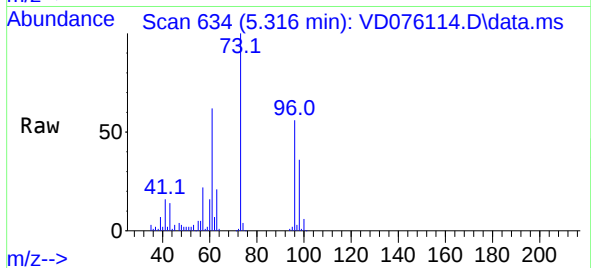
VSTDIC100

Tgt Ion: 73 Resp: 588768

Ion Ratio Lower Upper

73 100

57 21.7 17.2 25.8



#20

Methylene Chloride

Concen: 98.523 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076114.D

Acq: 15 May 2023 13:50

Tgt Ion: 84 Resp: 351054

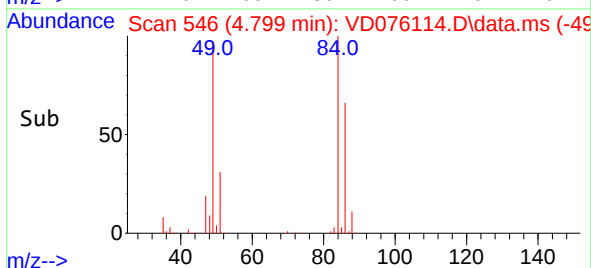
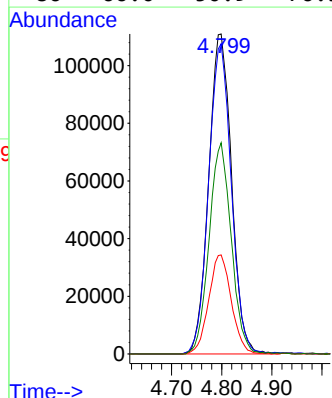
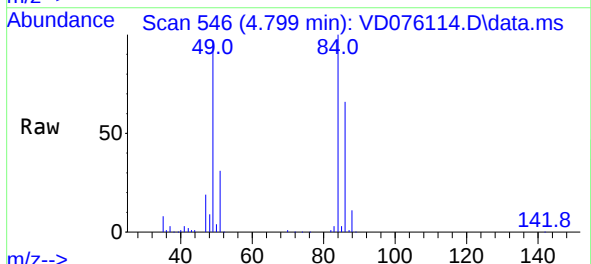
Ion Ratio Lower Upper

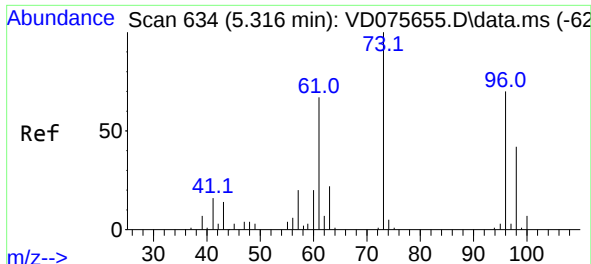
84 100

49 97.0 106.4 159.6#

51 31.0 32.4 48.6#

86 66.0 50.9 76.3

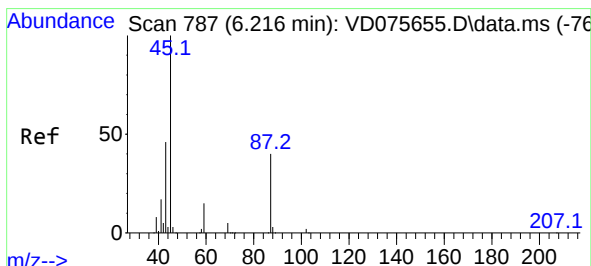
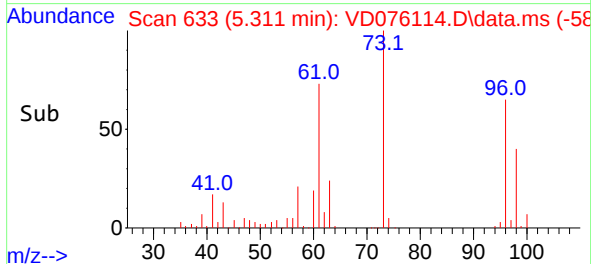
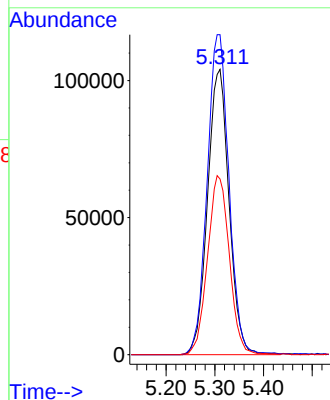
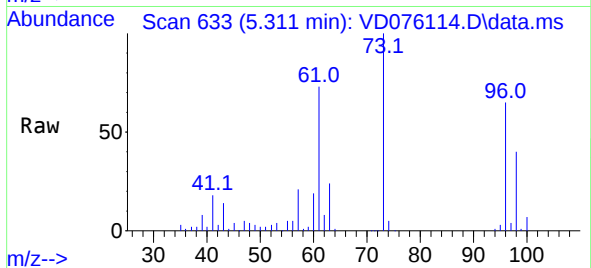




#21
trans-1,2-Dichloroethene
Concen: 95.317 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

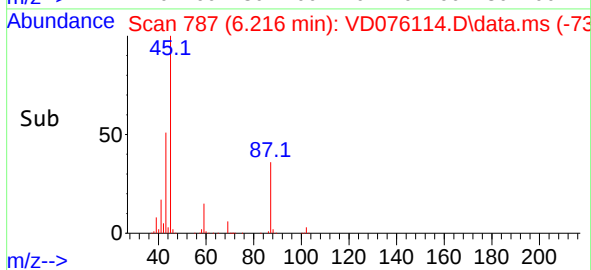
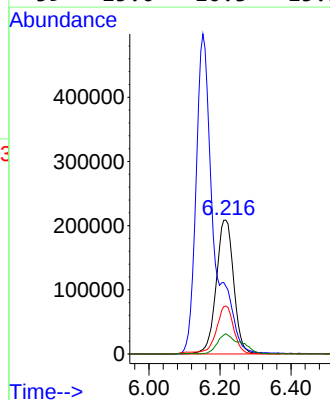
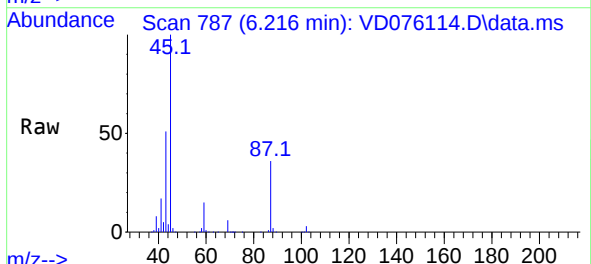
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

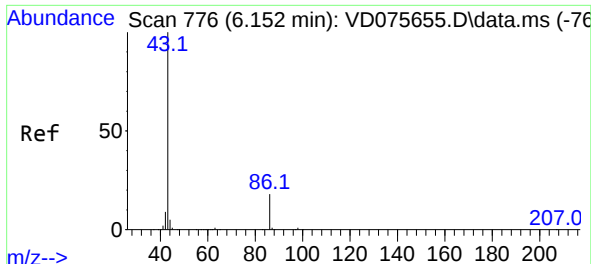
Tgt Ion: 96 Resp: 319408
Ion Ratio Lower Upper
96 100
61 112.1 117.2 175.8#
98 61.6 50.6 76.0



#22
Diisopropyl ether
Concen: 103.817 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 45 Resp: 711078
Ion Ratio Lower Upper
45 100
43 50.3 44.4 66.6
87 35.7 20.9 31.3#
59 15.0 10.3 15.5

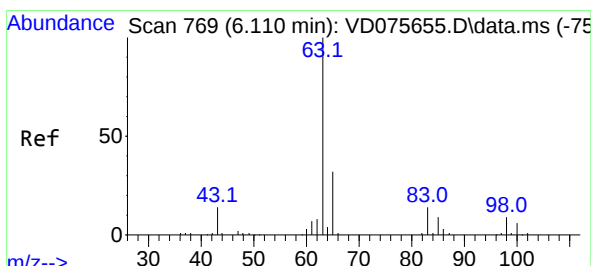
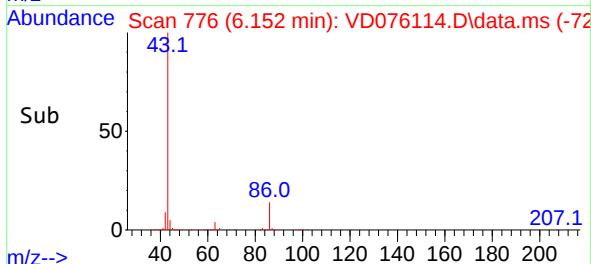
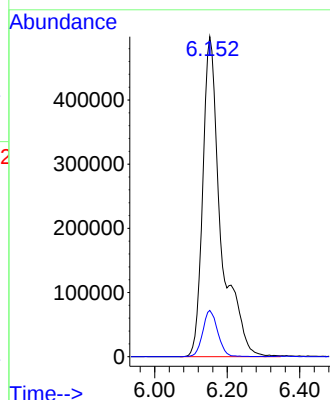
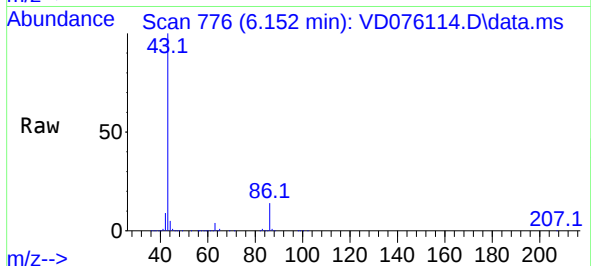




#23
 Vinyl Acetate
 Concen: 643.147 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD076114.D
 Acq: 15 May 2023 13:50

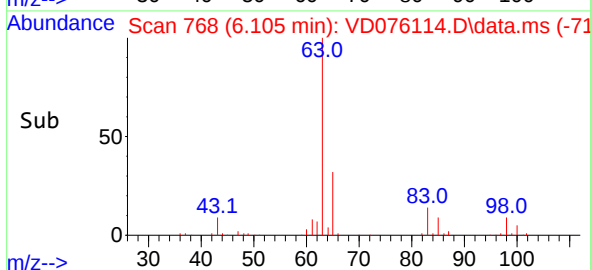
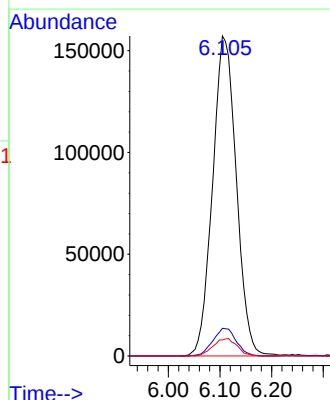
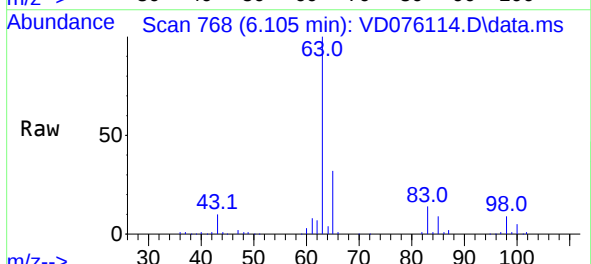
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

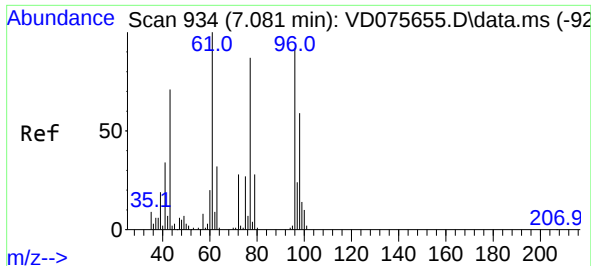
Tgt Ion: 43 Resp: 1732062
 Ion Ratio Lower Upper
 43 100
 86 14.5 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 92.848 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.005 min
 Lab File: VD076114.D
 Acq: 15 May 2023 13:50

Tgt Ion: 63 Resp: 501540
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.9 11.7
 100 5.0 2.0 6.0





#25

2-Butanone

Concen: 500.555 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076114.D

Acq: 15 May 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

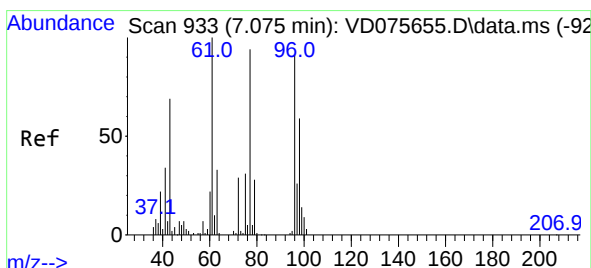
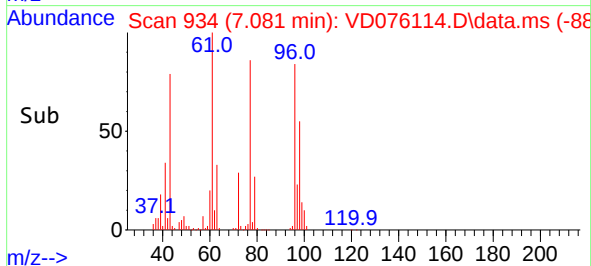
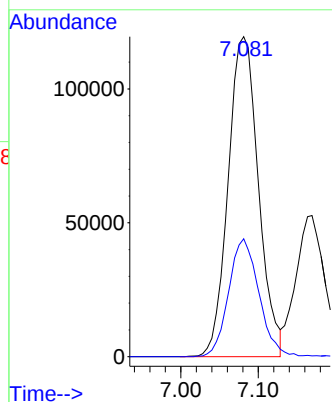
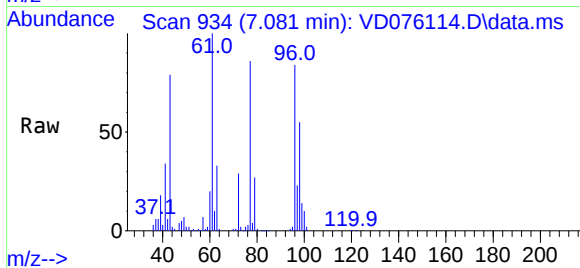
VSTDICC100

Tgt Ion: 43 Resp: 325582

Ion Ratio Lower Upper

43 100

72 36.8 19.8 29.8#



#26

2,2-Dichloropropane

Concen: 95.544 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076114.D

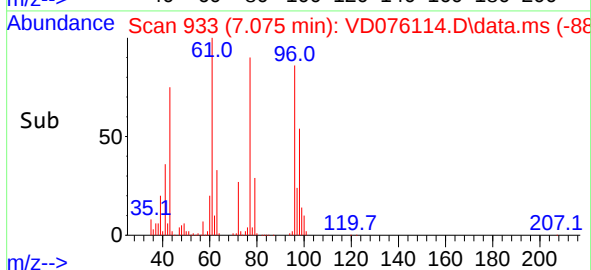
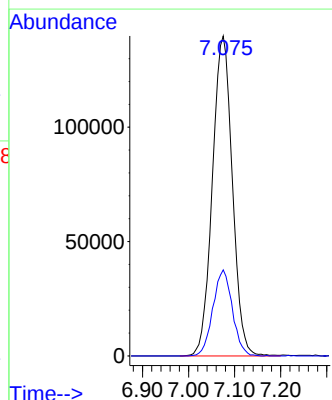
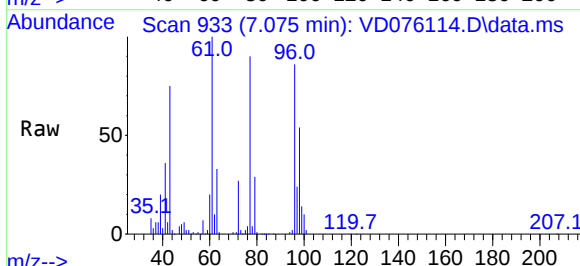
Acq: 15 May 2023 13:50

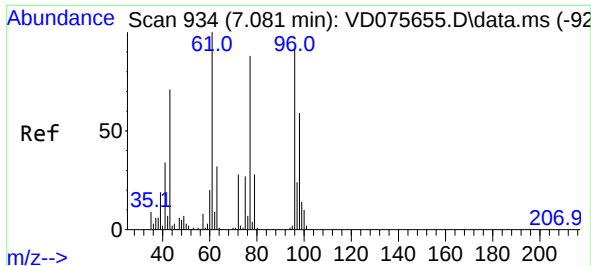
Tgt Ion: 77 Resp: 420831

Ion Ratio Lower Upper

77 100

97 26.2 11.1 33.1



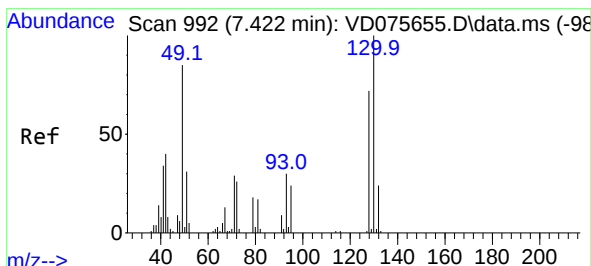
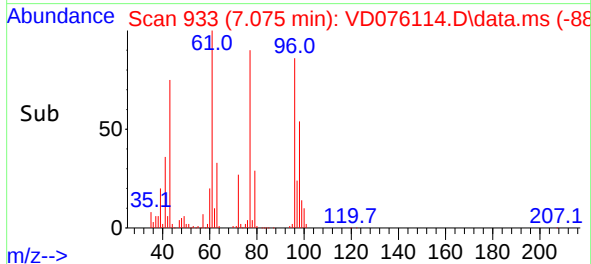
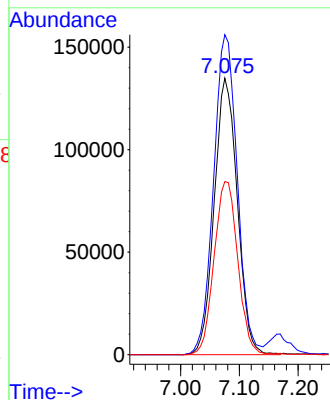
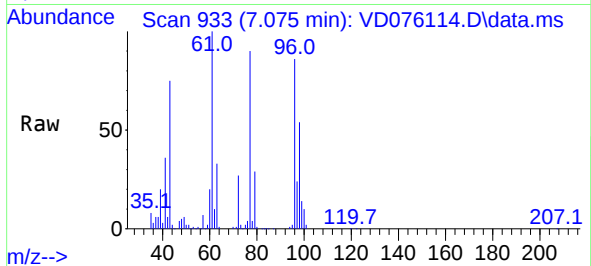


#27
 cis-1,2-Dichloroethene
 Concen: 99.127 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD076114.D
 Acq: 15 May 2023 13:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 368612

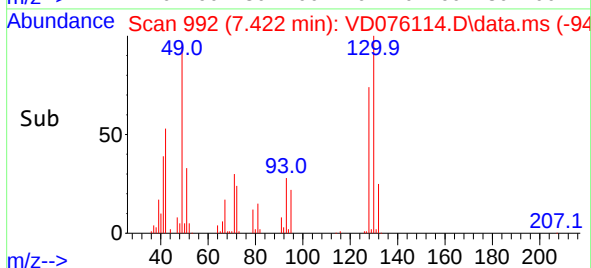
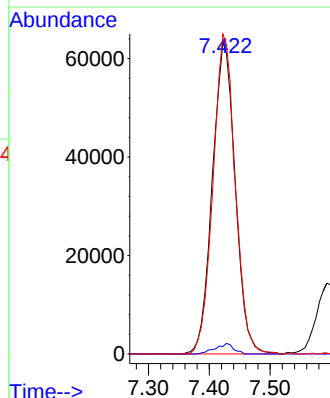
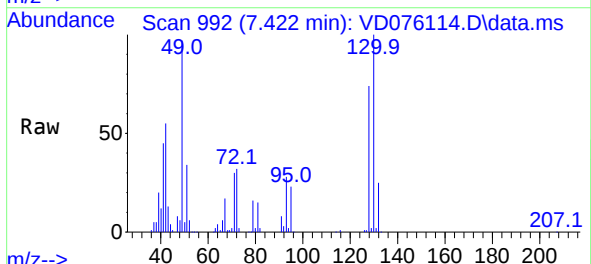
Ion	Ratio	Lower	Upper
96	100		
61	118.5	0.0	295.2
98	64.2	0.0	129.2

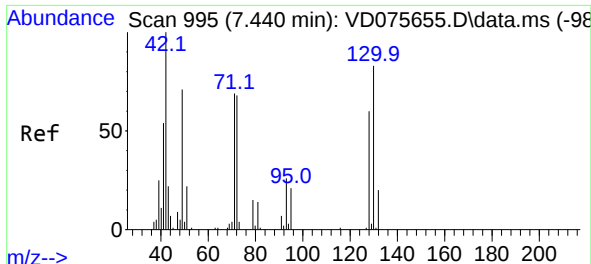


#28
 Bromochloromethane
 Concen: 91.512 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076114.D
 Acq: 15 May 2023 13:50

Tgt Ion: 49 Resp: 164826

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	2.2#
130	99.7	56.0	84.0#





#29

Tetrahydrofuran

Concen: 518.816 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD076114.D

Acq: 15 May 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

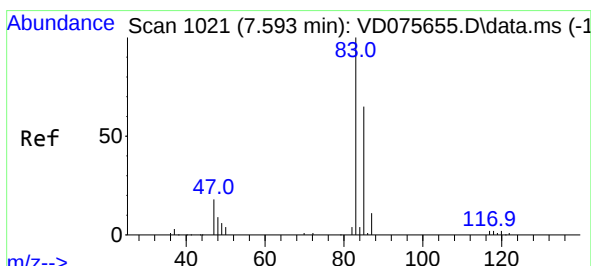
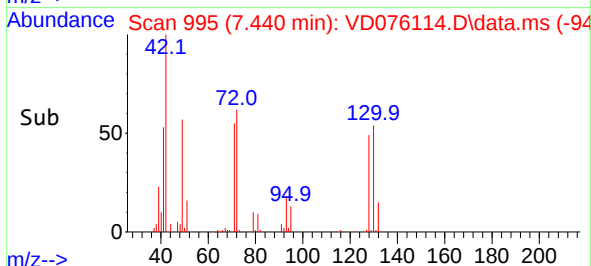
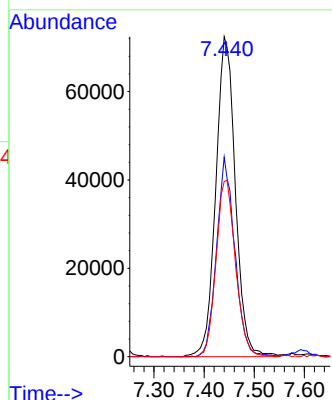
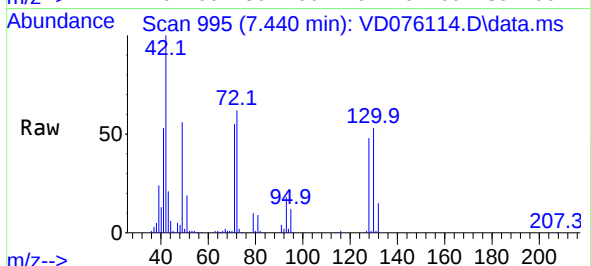
Tgt Ion: 42 Resp: 196692

Ion Ratio Lower Upper

42 100

72 58.2 31.8 47.6#

71 54.7 27.6 41.4#



#30

Chloroform

Concen: 91.661 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076114.D

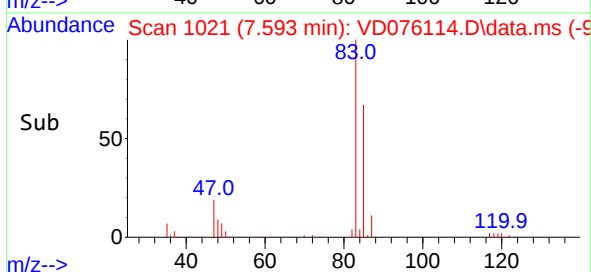
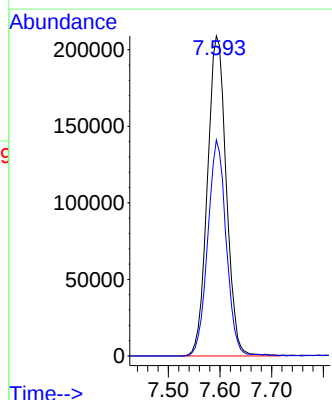
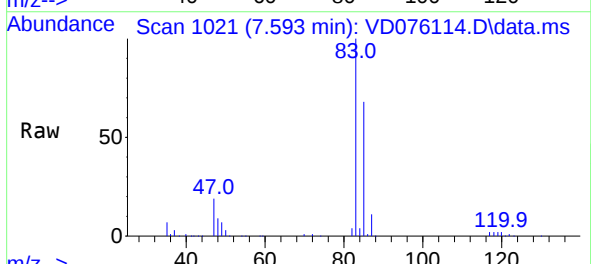
Acq: 15 May 2023 13:50

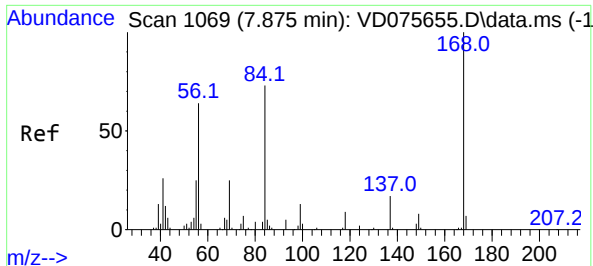
Tgt Ion: 83 Resp: 529486

Ion Ratio Lower Upper

83 100

85 67.5 49.4 74.2





#31

Cyclohexane

Concen: 97.682 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076114.D

Acq: 15 May 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

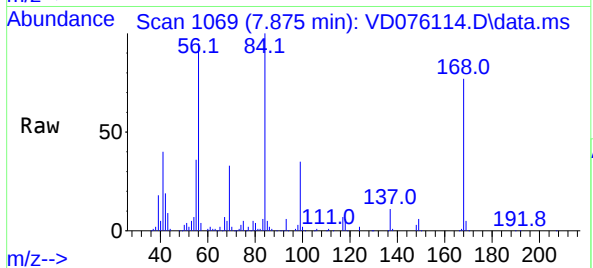
Tgt Ion: 56 Resp: 388968

Ion Ratio Lower Upper

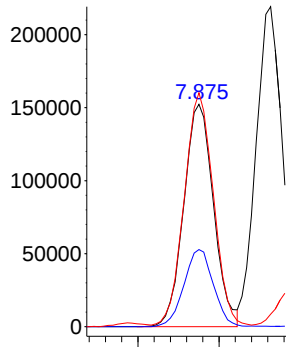
56 100

69 34.7 25.5 38.3

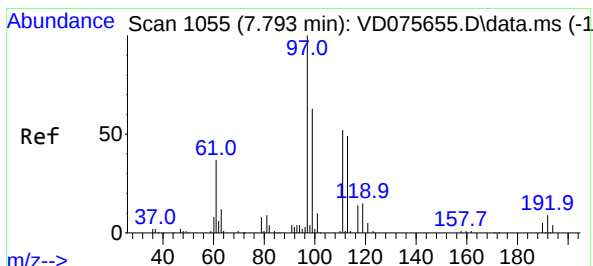
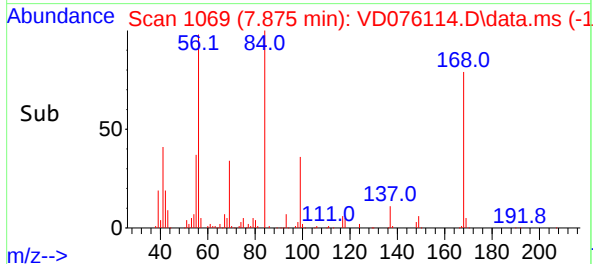
84 103.9 69.6 104.4



Abundance



Time-->



#32

1,1,1-Trichloroethane

Concen: 93.572 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076114.D

Acq: 15 May 2023 13:50

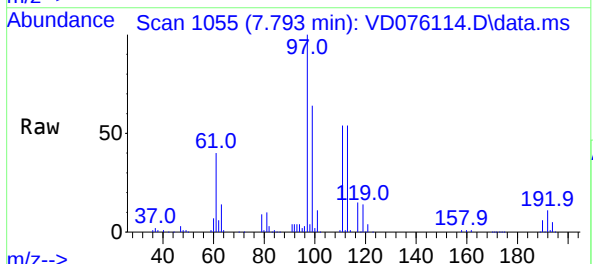
Tgt Ion: 97 Resp: 430758

Ion Ratio Lower Upper

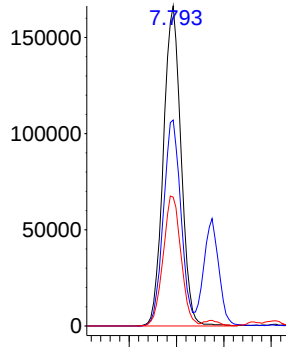
97 100

99 63.8 50.5 75.7

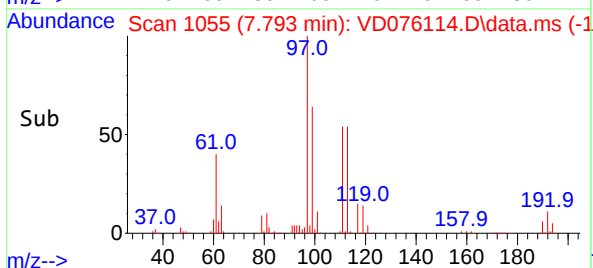
61 41.1 36.6 55.0

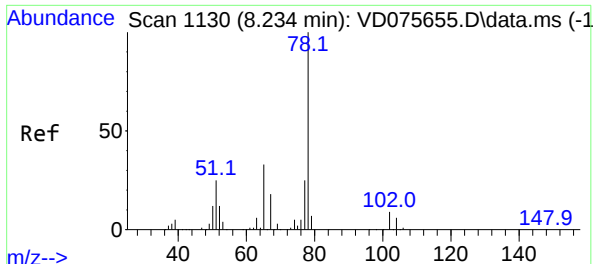


Abundance



Time-->

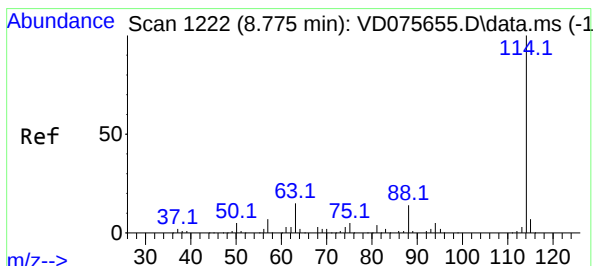
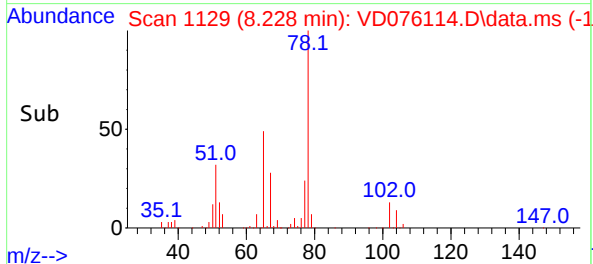
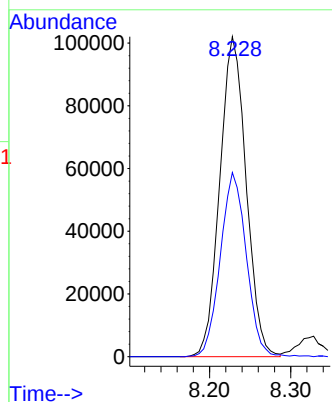
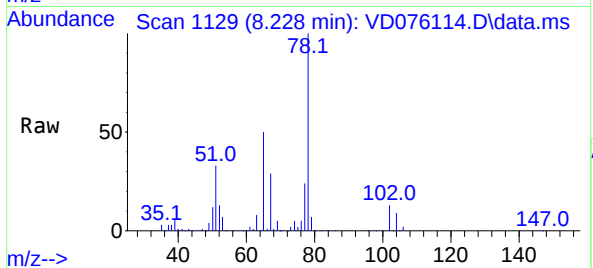




#33
1,2-Dichloroethane-d4
Concen: 88.540 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

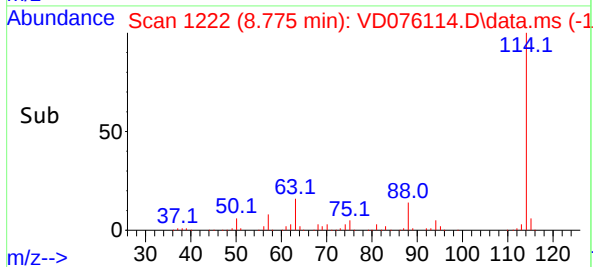
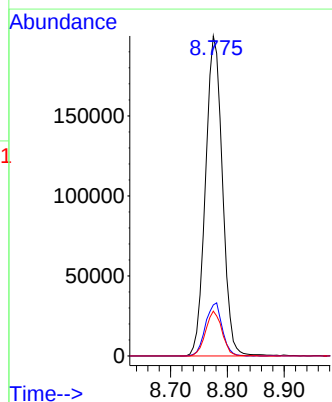
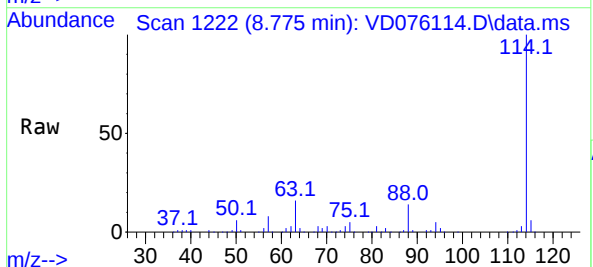
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

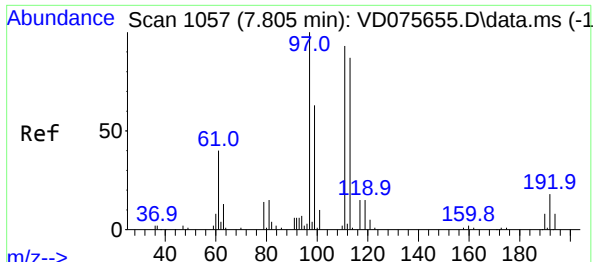
Tgt Ion: 65 Resp: 230204
Ion Ratio Lower Upper
65 100
67 56.7 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 114 Resp: 413267
Ion Ratio Lower Upper
114 100
63 16.0 0.0 41.6
88 14.0 0.0 30.6

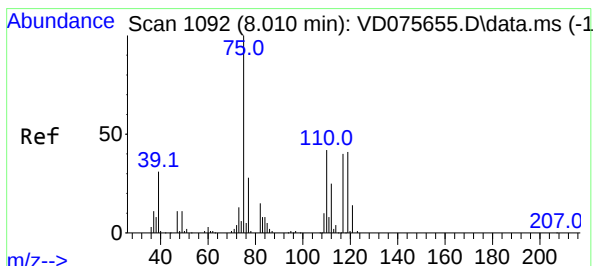
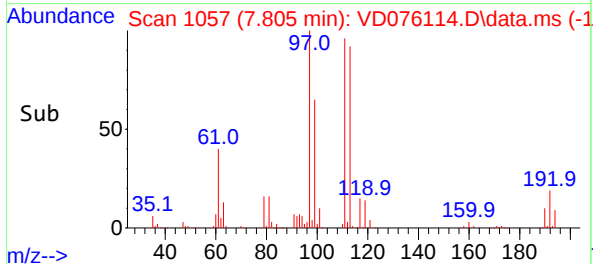
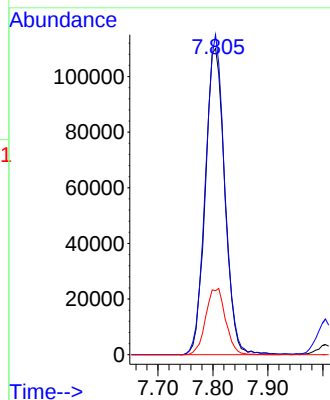
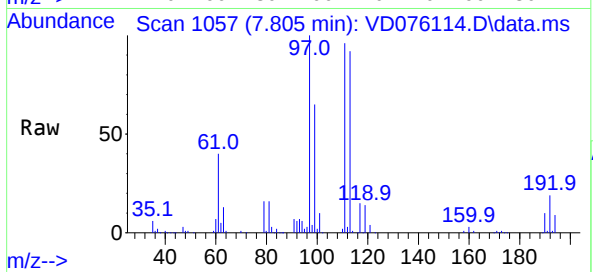




#35
Dibromofluoromethane
Concen: 95.153 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

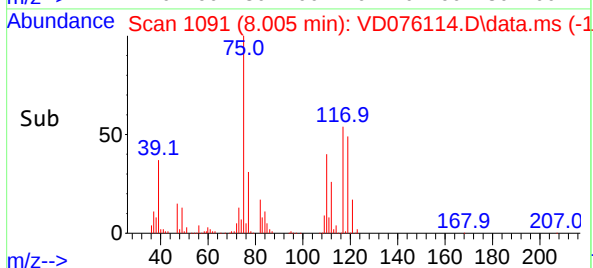
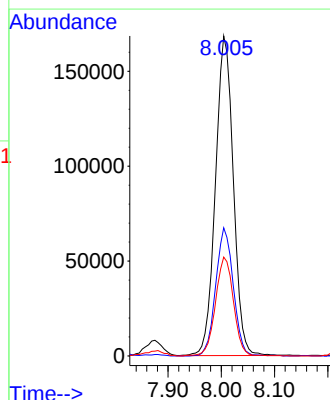
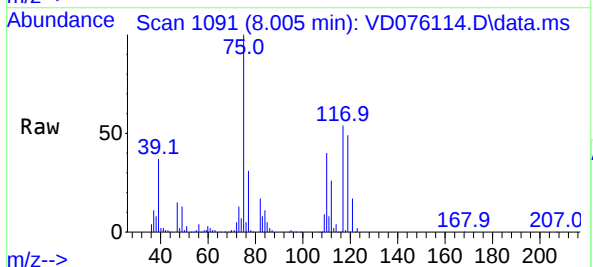
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

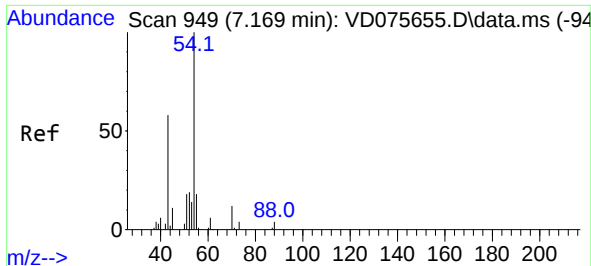
Tgt Ion:113 Resp: 271811
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 22.0 15.2 22.8



#36
1,1-Dichloropropene
Concen: 101.949 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 75 Resp: 393317
Ion Ratio Lower Upper
75 100
110 39.3 17.1 51.2
77 31.2 24.6 36.8

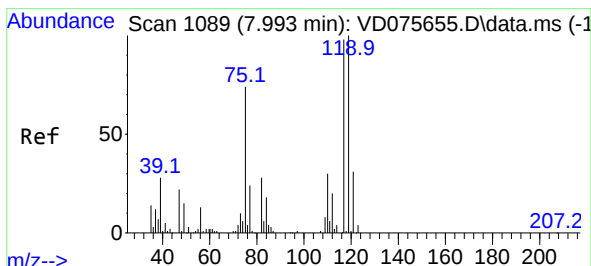
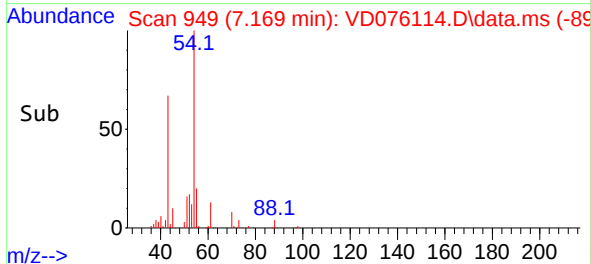
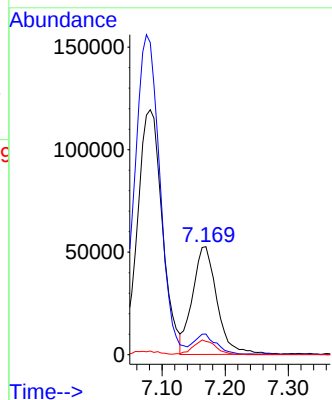
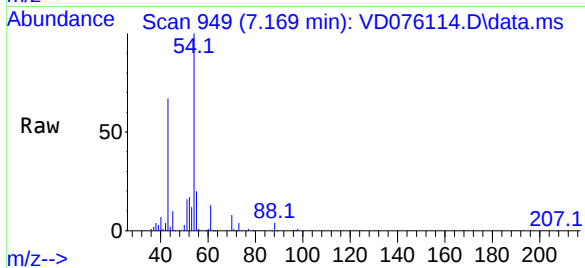




#37
Ethyl Acetate
Concen: 106.268 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

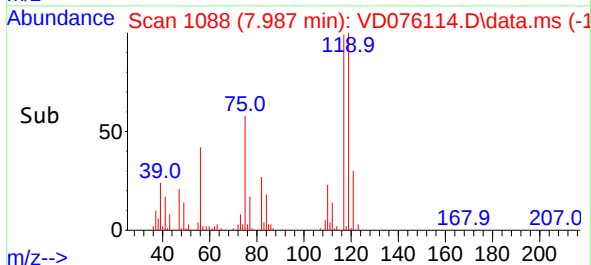
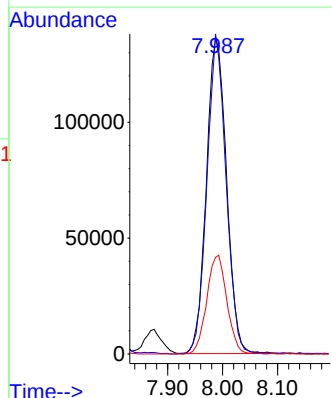
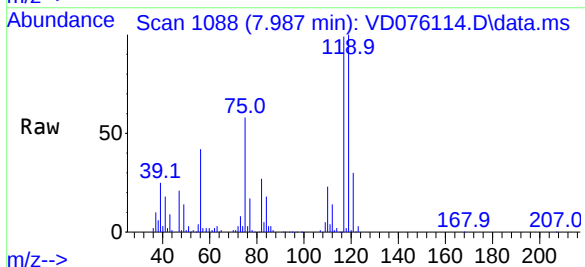
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

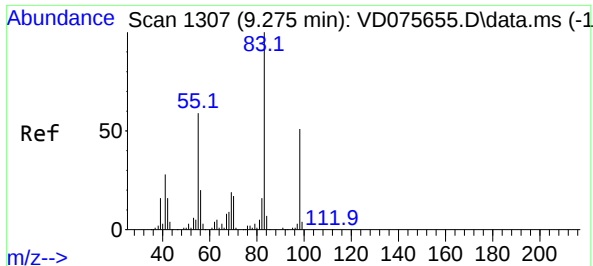
Tgt Ion: 43 Resp: 141967
Ion Ratio Lower Upper
43 100
61 16.7 0.0 0.0#
70 12.6 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 99.805 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 117 Resp: 347795
Ion Ratio Lower Upper
117 100
119 101.3 74.7 112.1
121 30.7 25.9 38.9

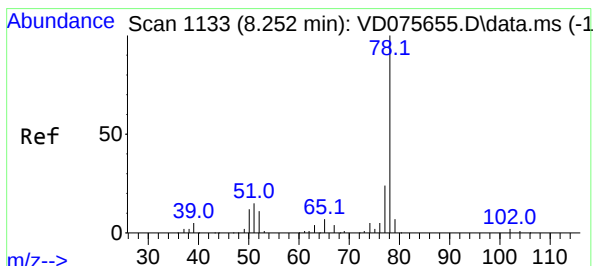
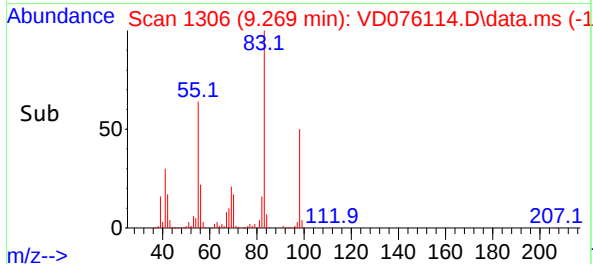
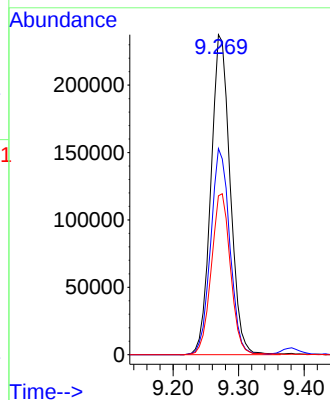
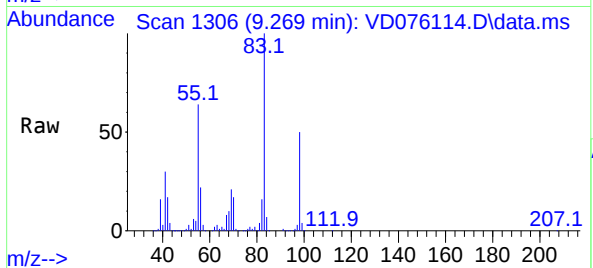




#39
Methylcyclohexane
Concen: 108.750 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

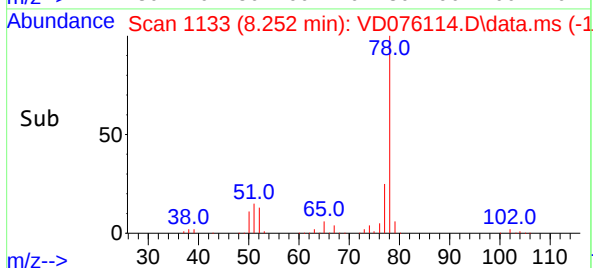
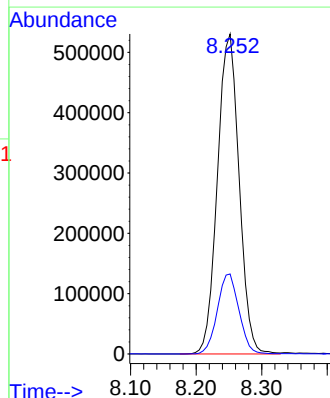
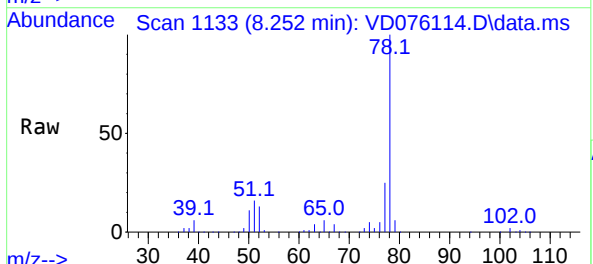
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

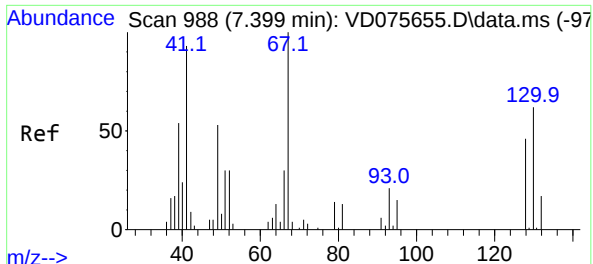
Tgt Ion: 83 Resp: 483036
Ion Ratio Lower Upper
83 100
55 64.4 56.8 85.2
98 49.6 38.9 58.3



#40
Benzene
Concen: 97.981 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 78 Resp: 1215296
Ion Ratio Lower Upper
78 100
77 25.0 19.1 28.7

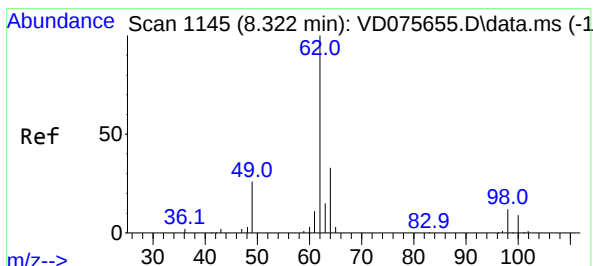
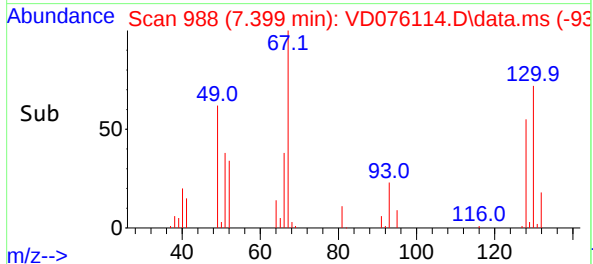
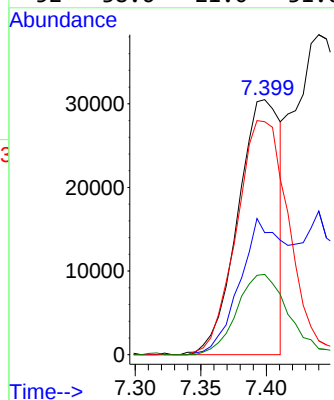
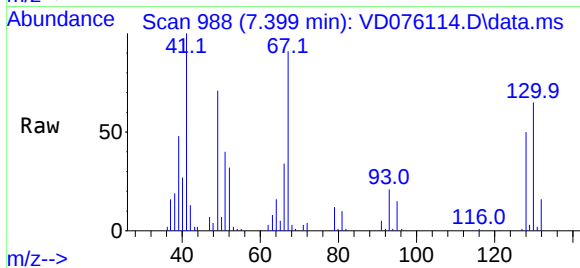




#41
Methacrylonitrile
Concen: 93.612 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

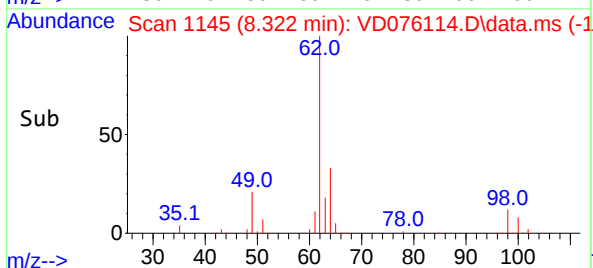
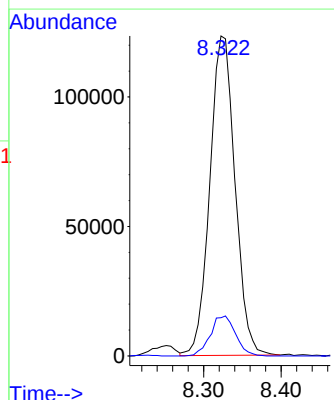
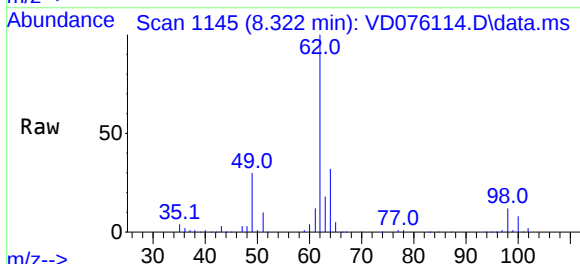
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

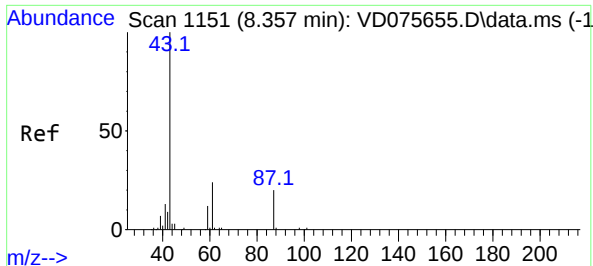
Tgt Ion: 41 Resp: 68573
Ion Ratio Lower Upper
41 100
39 55.7 45.3 67.9
67 112.9 50.5 75.7#
52 38.6 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 94.977 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 62 Resp: 278639
Ion Ratio Lower Upper
62 100
98 12.5 0.0 18.8

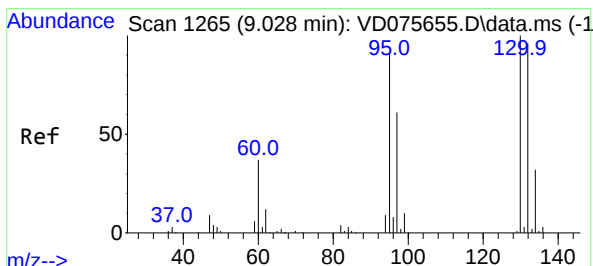
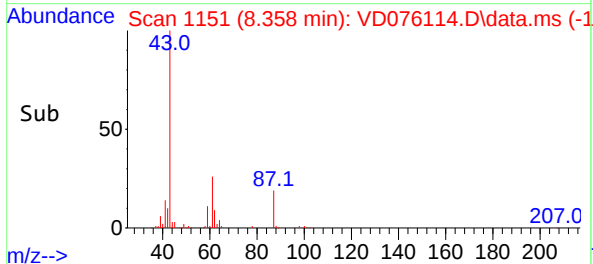
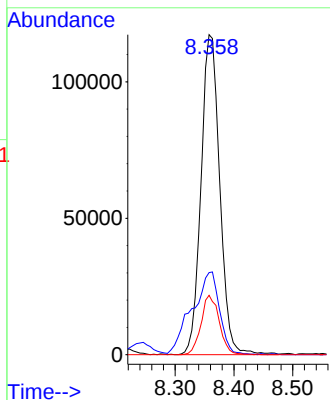
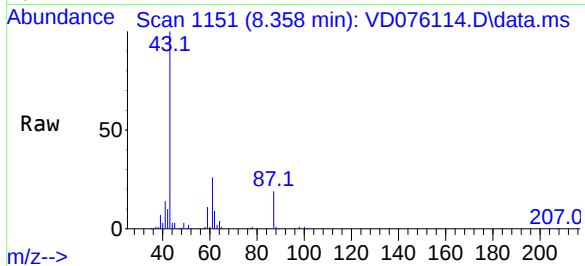




#43
Isopropyl Acetate
Concen: 104.275 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.001 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

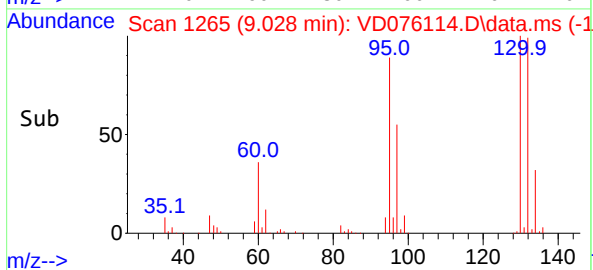
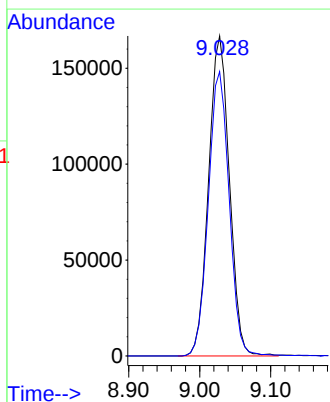
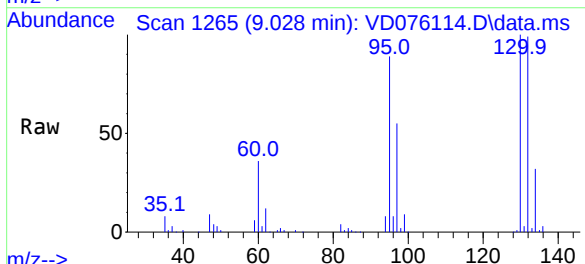
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

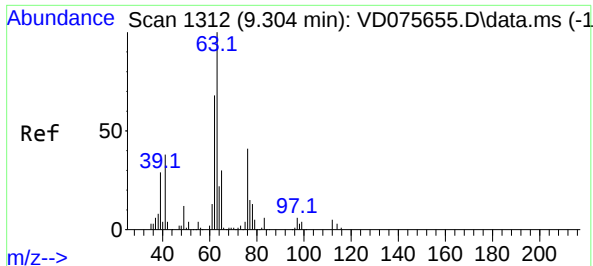
Tgt Ion: 43 Resp: 260224
Ion Ratio Lower Upper
43 100
61 37.8 23.4 35.0#
87 18.0 9.5 14.3#



#44
Trichloroethene
Concen: 97.188 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion:130 Resp: 339725
Ion Ratio Lower Upper
130 100
95 88.8 0.0 197.6

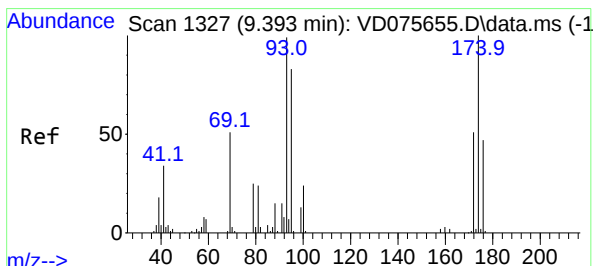
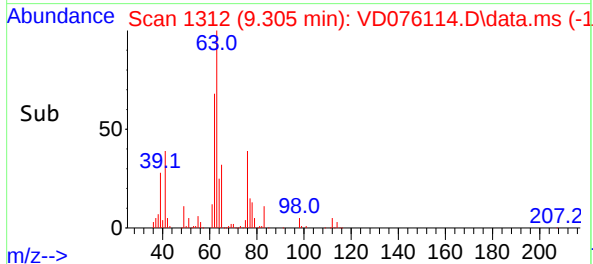
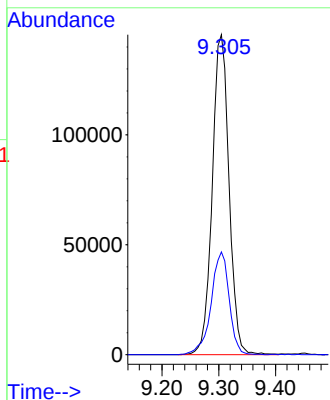
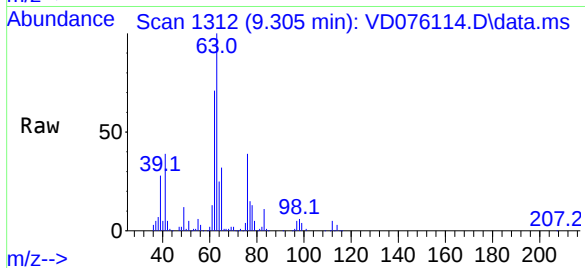




#45
1,2-Dichloropropane
Concen: 97.483 ug/l
RT: 9.305 min Scan# 1312
Delta R.T. 0.001 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

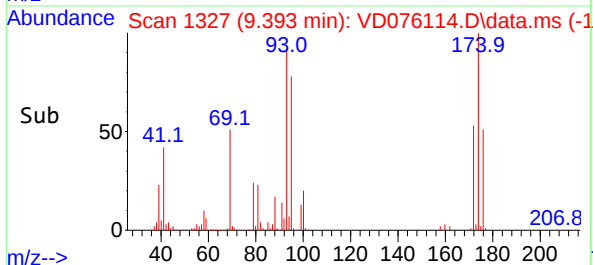
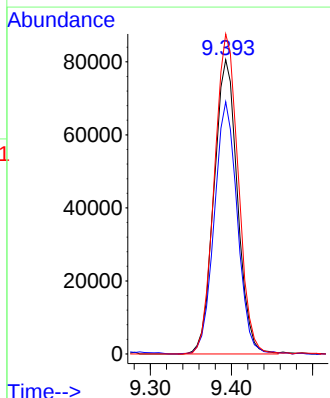
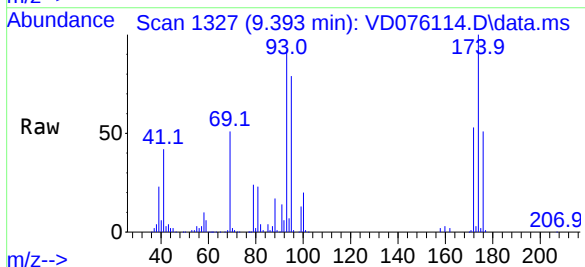
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

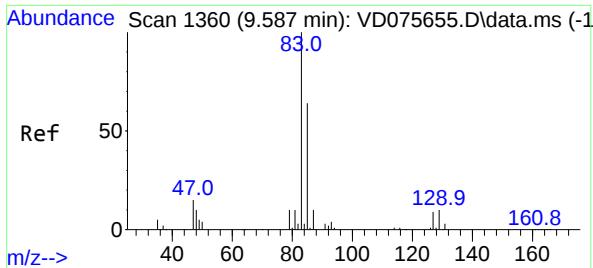
Tgt Ion: 63 Resp: 298243
Ion Ratio Lower Upper
63 100
65 32.1 23.0 34.4



#46
Dibromomethane
Concen: 94.398 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 93 Resp: 161883
Ion Ratio Lower Upper
93 100
95 84.2 64.5 96.7
174 110.5 76.2 114.4

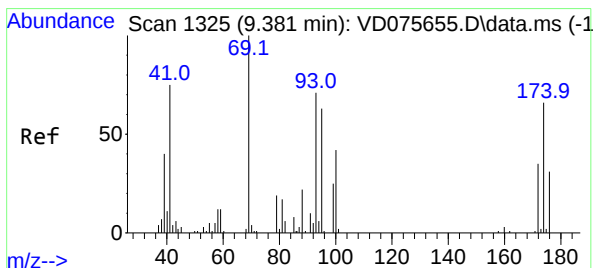
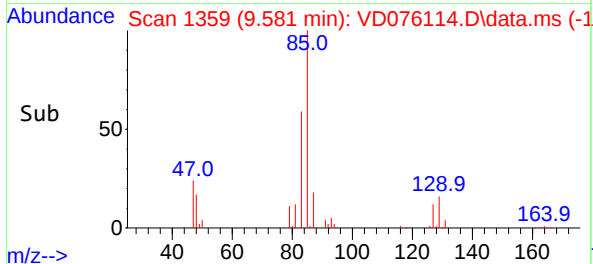
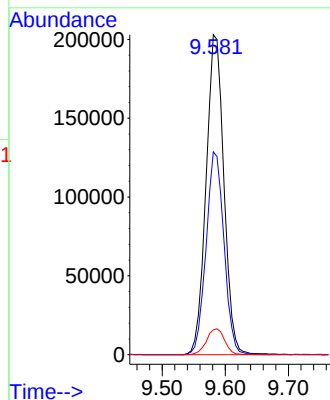
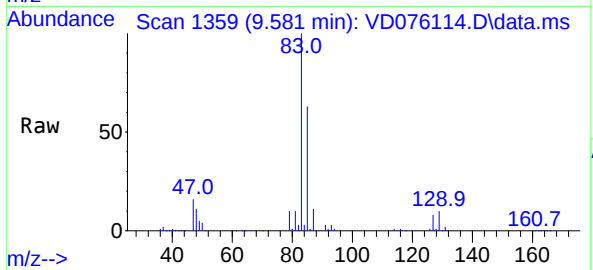




#47
Bromodichloromethane
Concen: 96.598 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

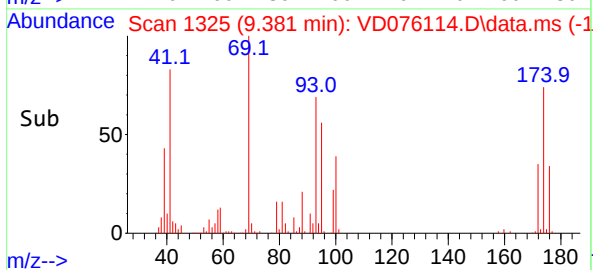
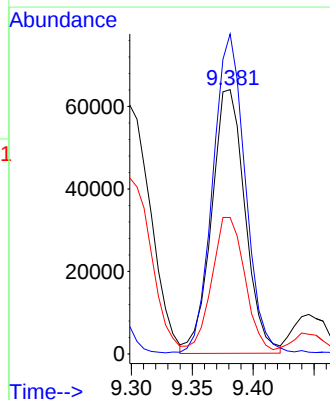
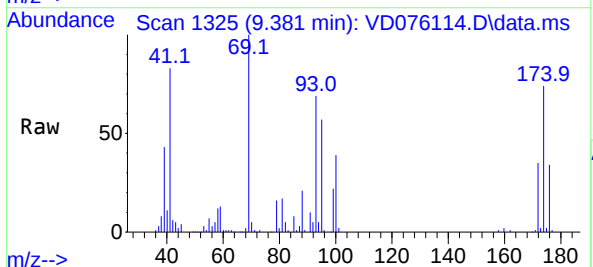
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

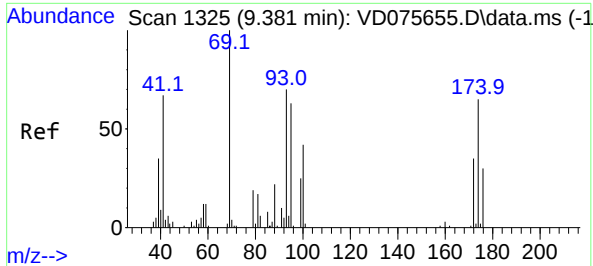
Tgt Ion: 83 Resp: 398126
Ion Ratio Lower Upper
83 100
85 63.4 53.7 80.5
127 7.7 7.0 10.6



#48
Methyl methacrylate
Concen: 110.533 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 41 Resp: 122084
Ion Ratio Lower Upper
41 100
69 118.9 58.6 88.0#
39 48.5 53.4 80.0#

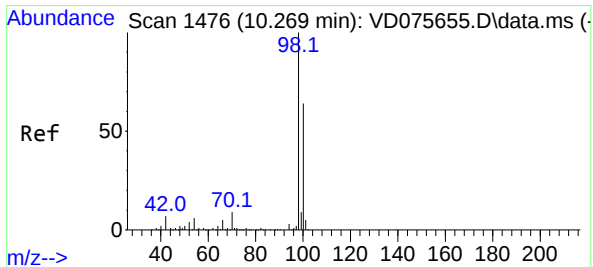
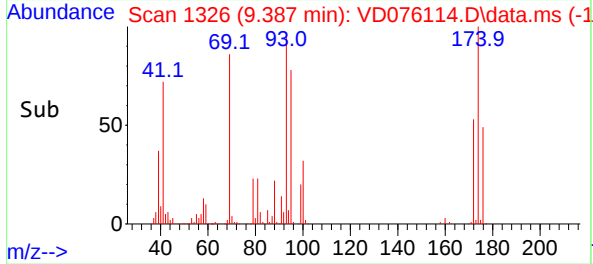
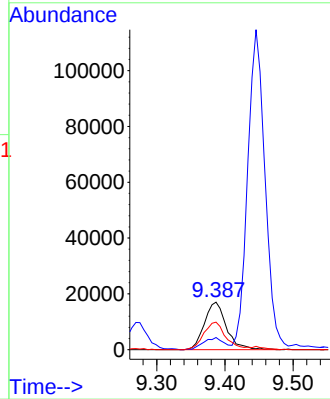
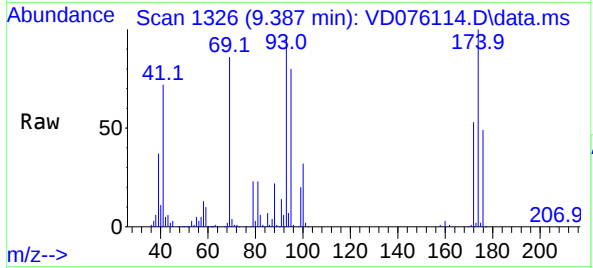




#49
1,4-Dioxane
Concen: 2083.070 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

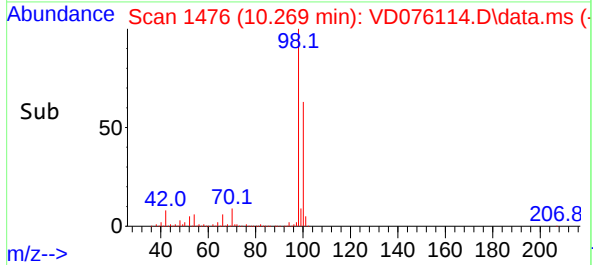
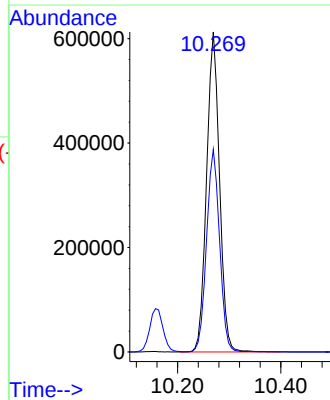
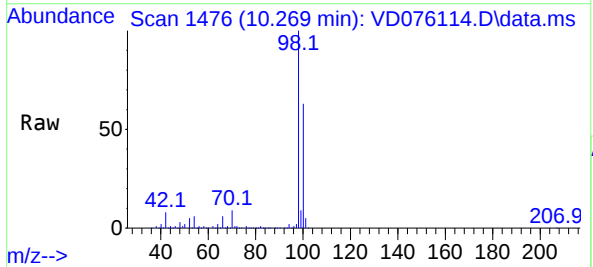
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

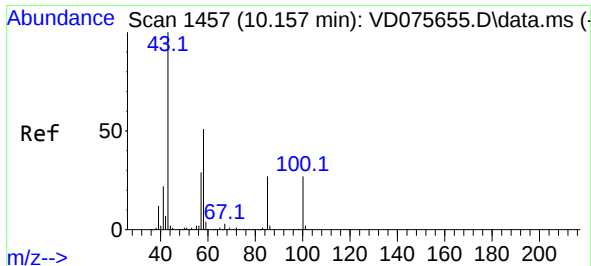
Tgt Ion: 88 Resp: 38200
Ion Ratio Lower Upper
88 100
43 24.7 34.6 51.8#
58 57.7 58.0 87.0#



#50
Toluene-d8
Concen: 95.542 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 98 Resp: 1063922
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1

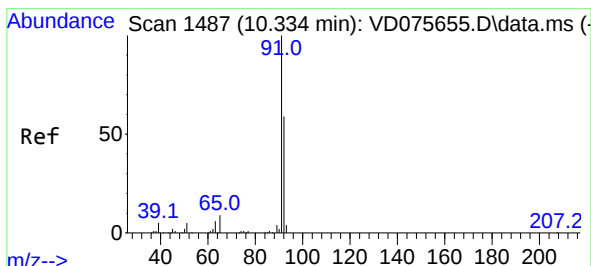
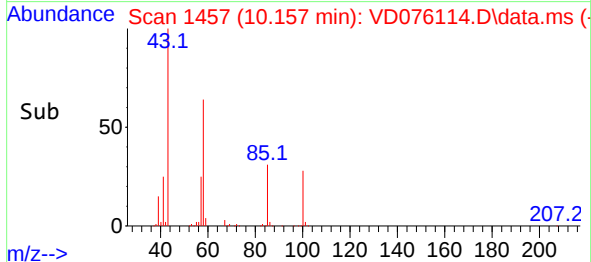
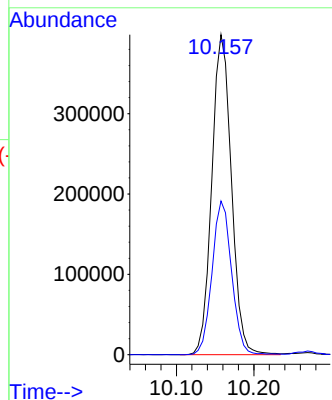
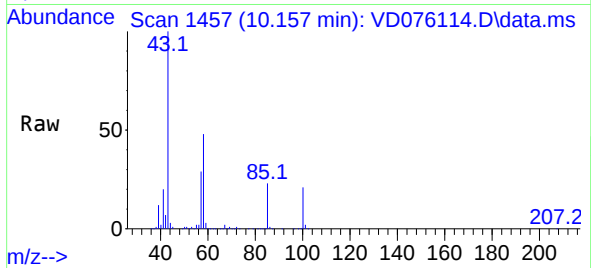




#51
4-Methyl-2-Pentanone
Concen: 528.080 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

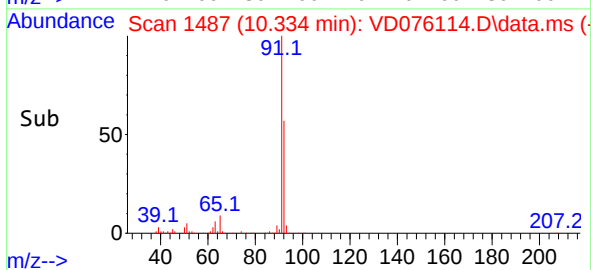
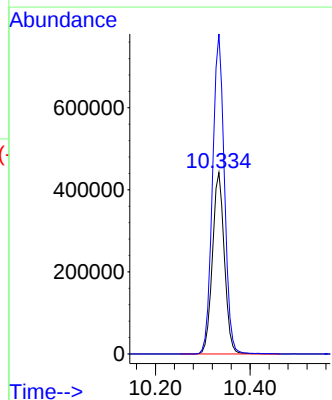
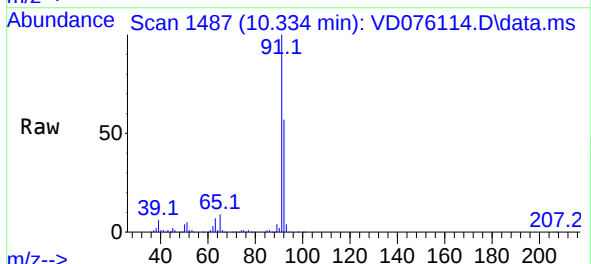
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

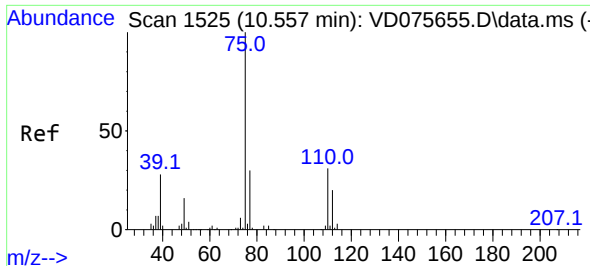
Tgt Ion: 43 Resp: 700899
Ion Ratio Lower Upper
43 100
58 47.9 29.5 44.3#



#52
Toluene
Concen: 99.792 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 92 Resp: 773060
Ion Ratio Lower Upper
92 100
91 175.7 136.5 204.7

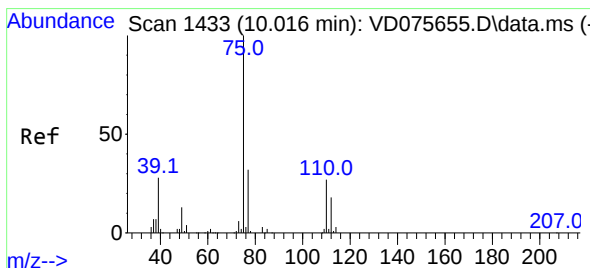
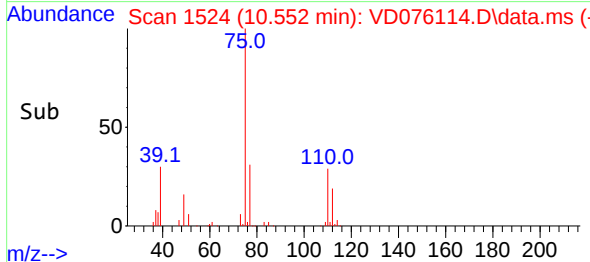
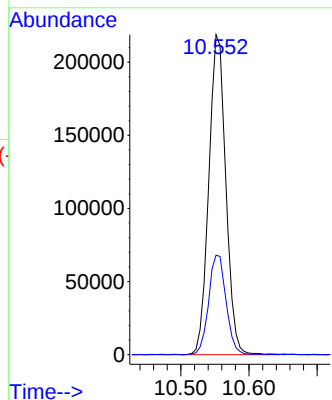
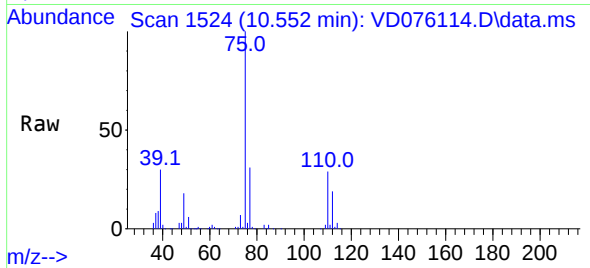




#53
 t-1,3-Dichloropropene
 Concen: 102.313 ug/l
 RT: 10.552 min Scan# 1525
 Delta R.T. -0.005 min
 Lab File: VD076114.D
 Acq: 15 May 2023 13:50

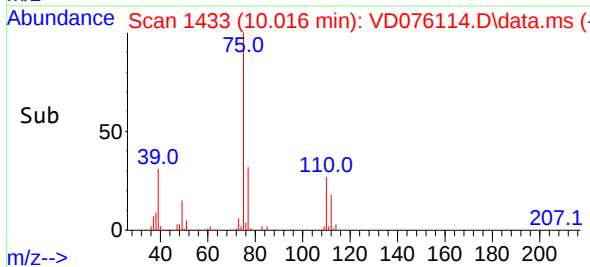
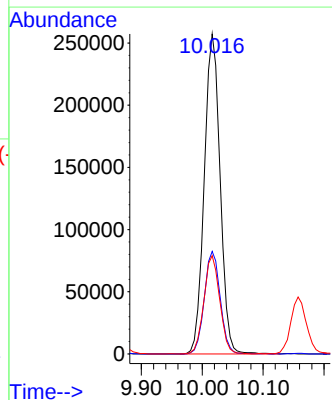
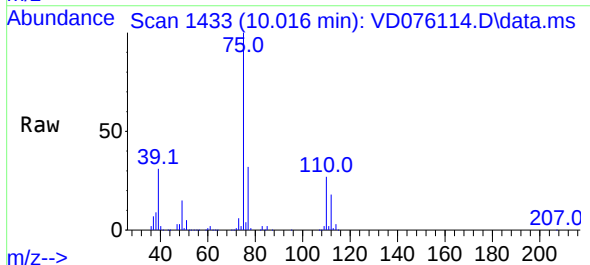
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

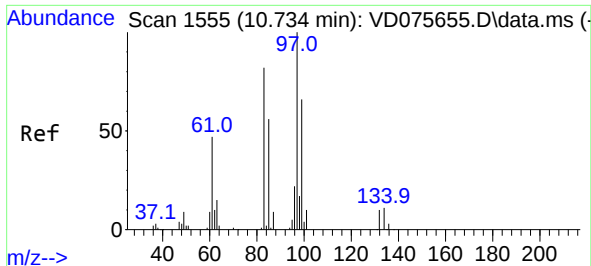
Tgt Ion: 75 Resp: 380052
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.3 39.5



#54
 cis-1,3-Dichloropropene
 Concen: 102.911 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076114.D
 Acq: 15 May 2023 13:50

Tgt Ion: 75 Resp: 466521
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4
 39 30.7 44.8 67.2#



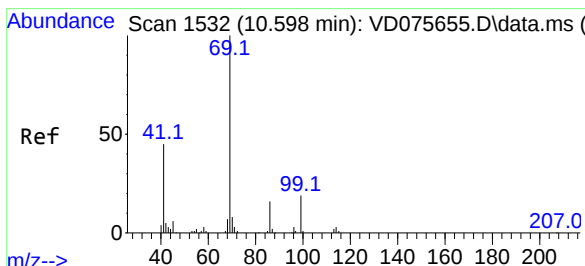
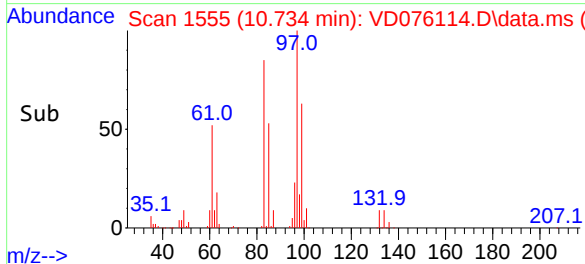
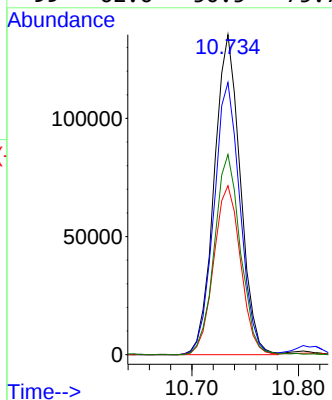
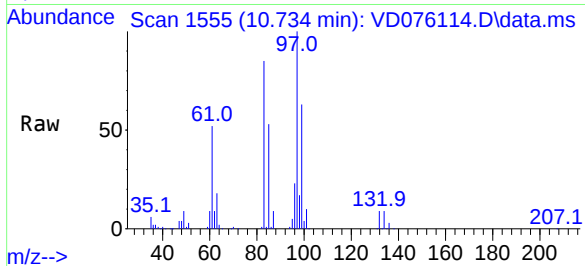


#55
1,1,2-Trichloroethane
Concen: 93.615 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 230219

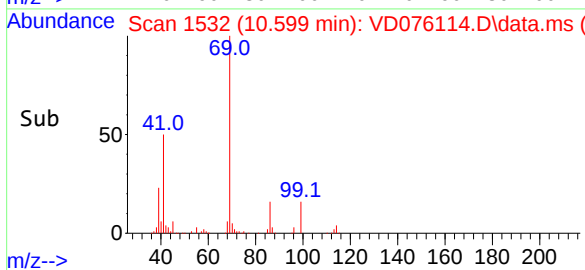
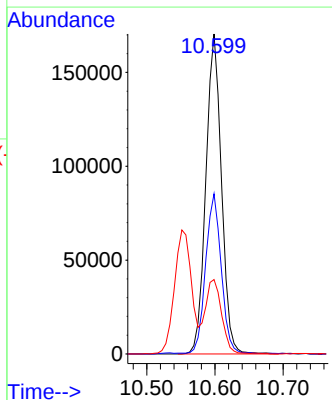
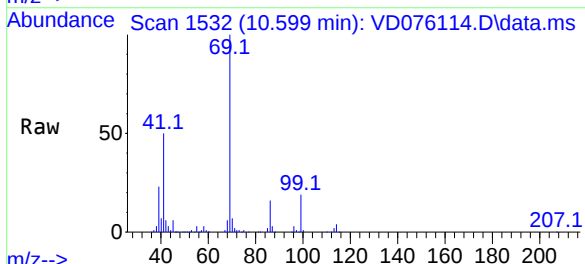
Ion	Ratio	Lower	Upper
97	100		
83	85.0	74.2	111.4
85	52.8	45.4	68.0
99	62.6	50.5	75.7

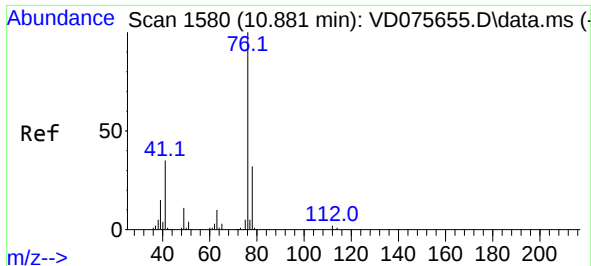


#56
Ethyl methacrylate
Concen: 110.053 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 69 Resp: 272034

Ion	Ratio	Lower	Upper
69	100		
41	49.7	59.3	88.9#
39	24.3	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 98.101 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076114.D

Acq: 15 May 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

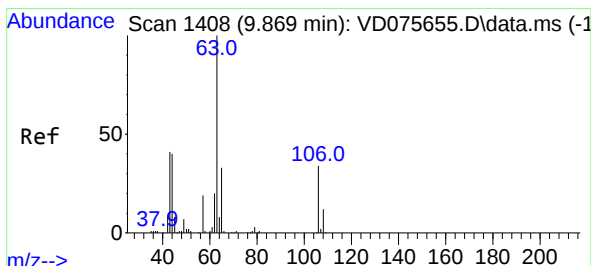
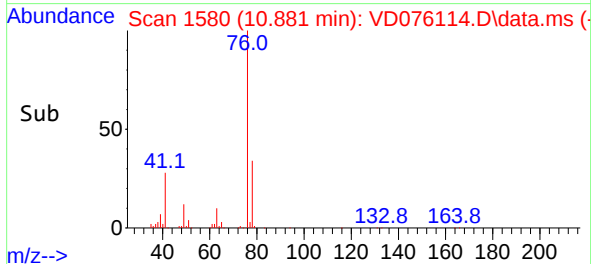
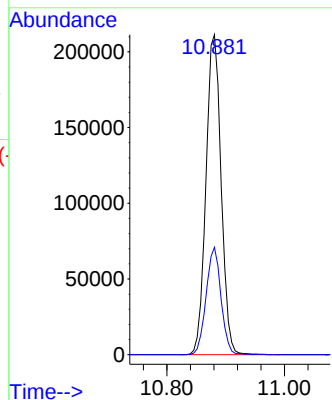
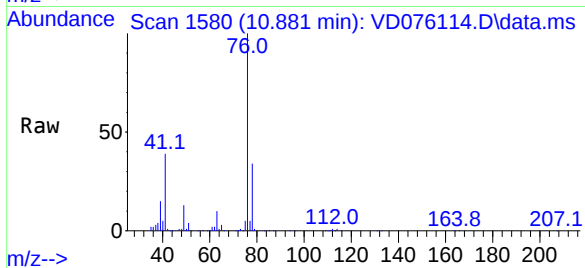
VSTDIC100

Tgt Ion: 76 Resp: 378492

Ion Ratio Lower Upper

76 100

78 32.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 536.884 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076114.D

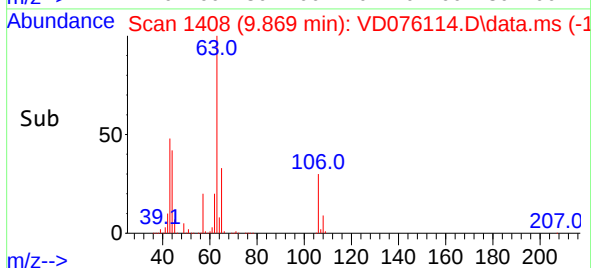
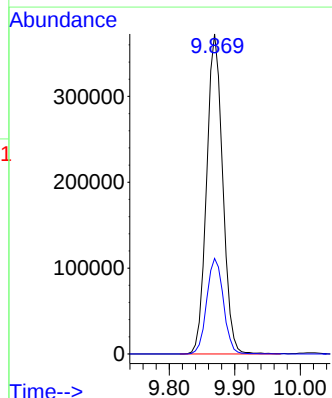
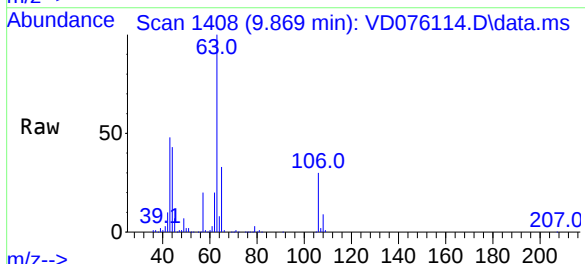
Acq: 15 May 2023 13:50

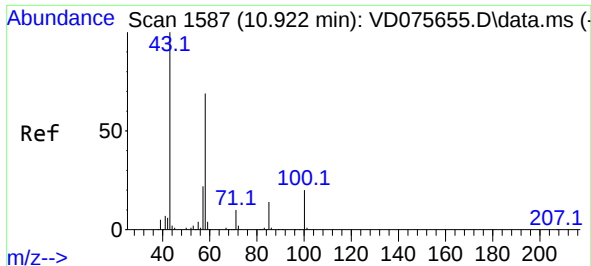
Tgt Ion: 63 Resp: 636746

Ion Ratio Lower Upper

63 100

106 30.9 21.4 32.2

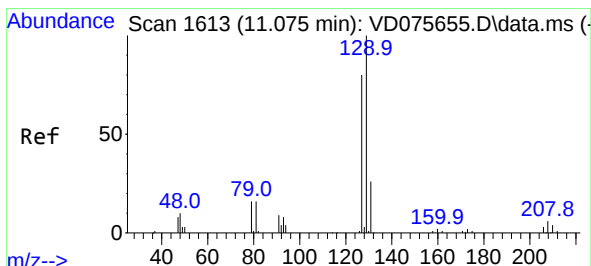
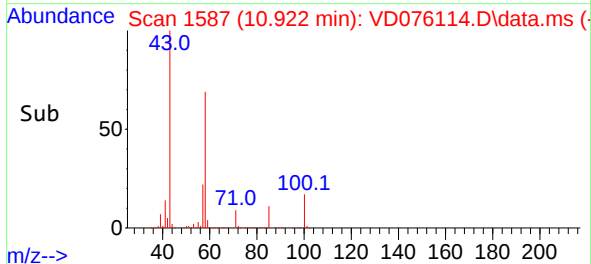
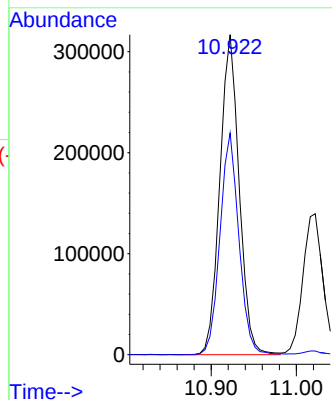
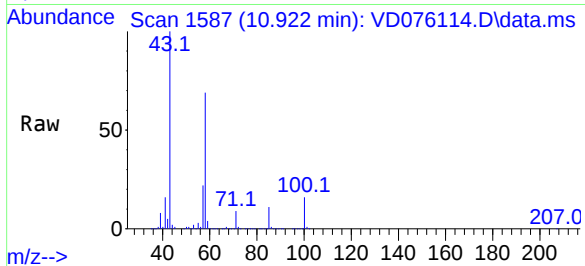




#59
2-Hexanone
Concen: 533.714 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

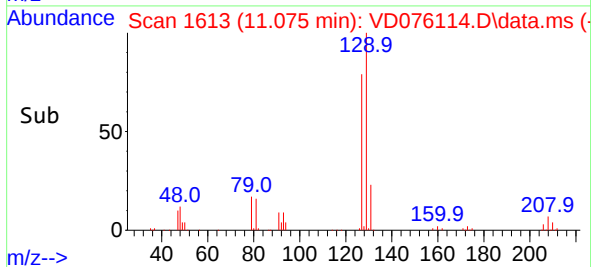
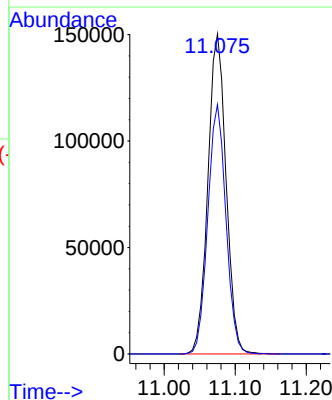
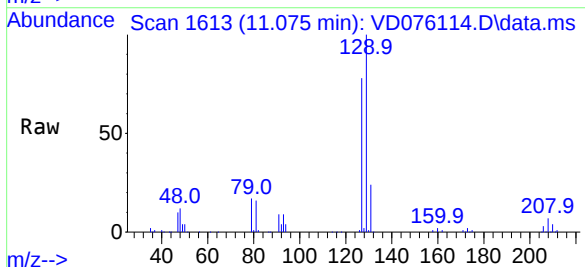
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

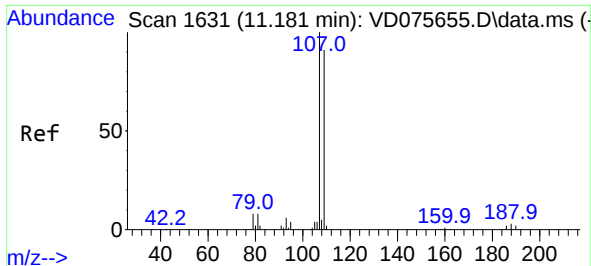
Tgt Ion: 43 Resp: 499567
Ion Ratio Lower Upper
43 100
58 67.7 25.3 75.8



#60
Dibromochloromethane
Concen: 96.628 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion:129 Resp: 267190
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.5

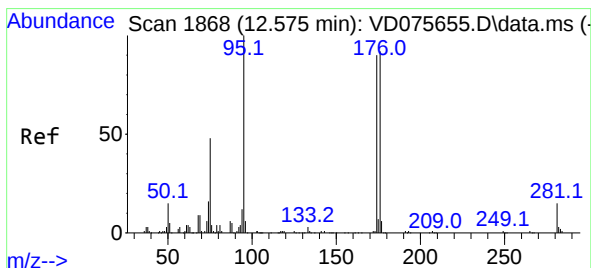
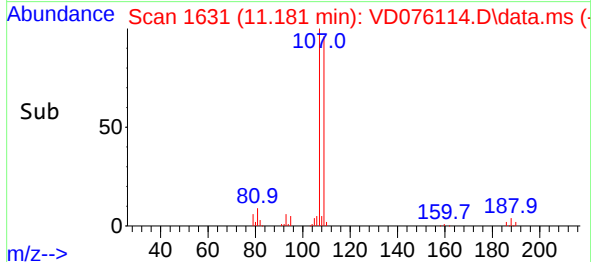
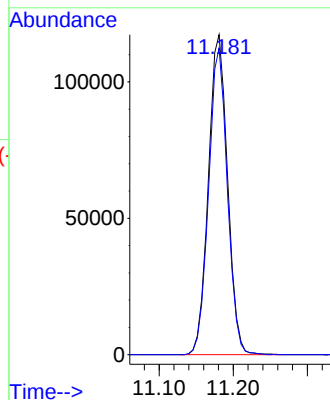
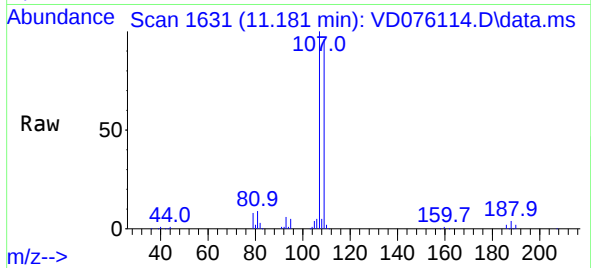




#61
1,2-Dibromoethane
Concen: 96.261 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

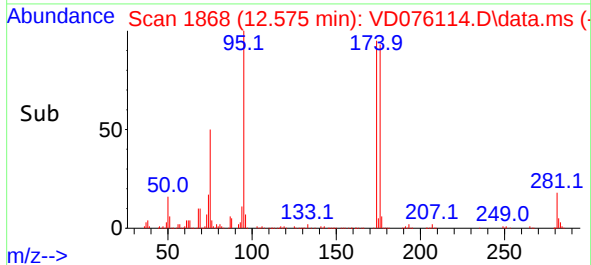
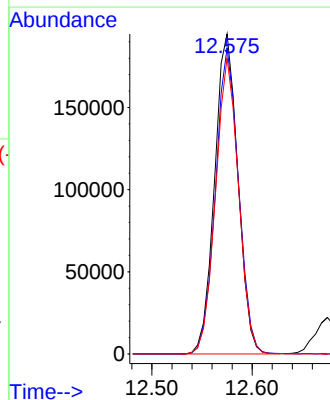
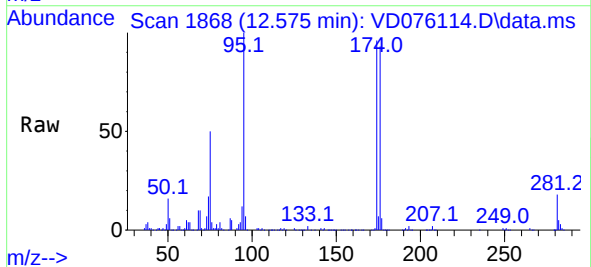
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

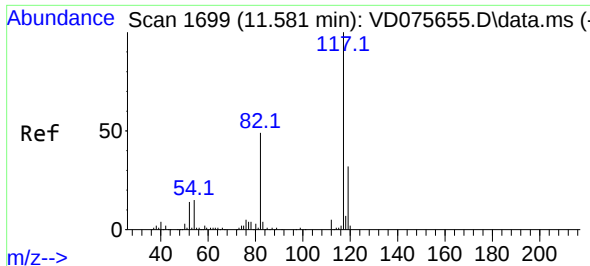
Tgt Ion:107 Resp: 210581
Ion Ratio Lower Upper
107 100
109 93.6 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 101.087 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 95 Resp: 312695
Ion Ratio Lower Upper
95 100
174 94.9 0.0 164.0
176 91.1 0.0 156.8

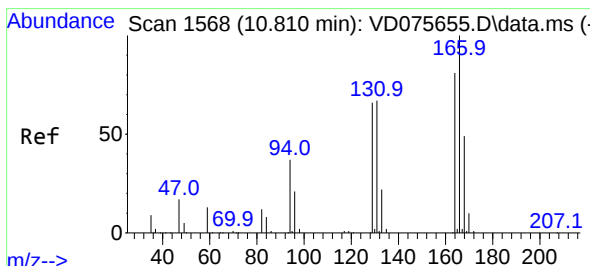
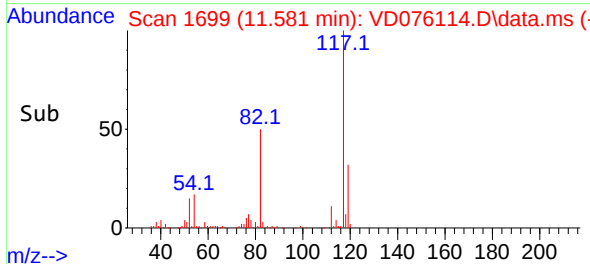
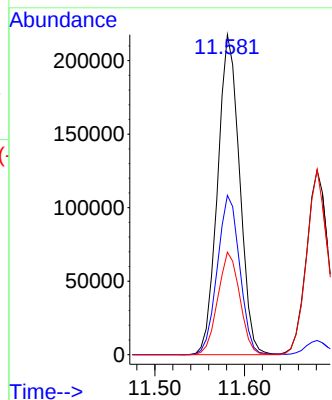
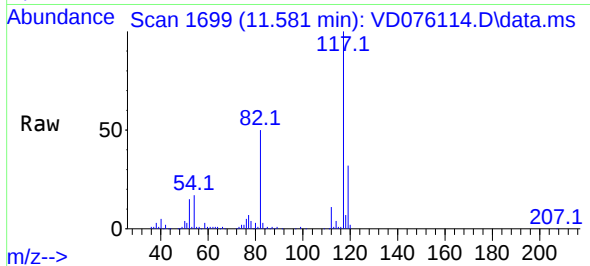




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

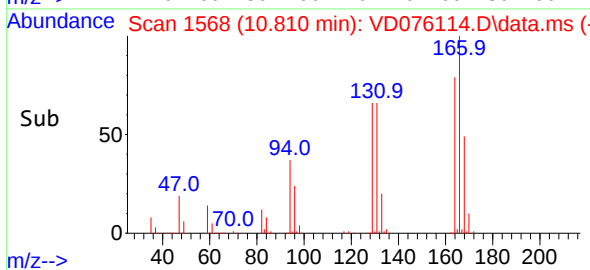
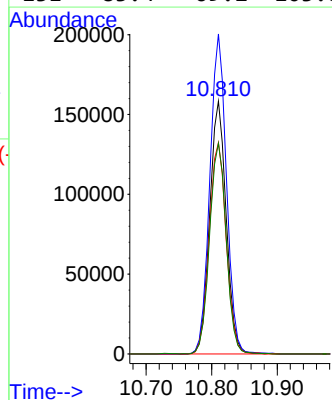
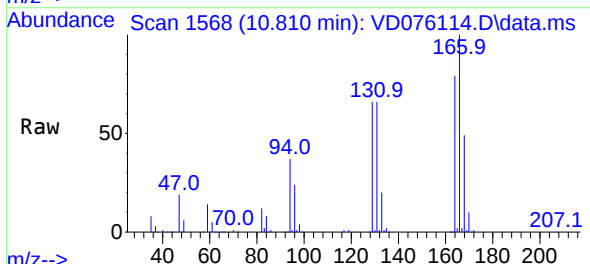
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

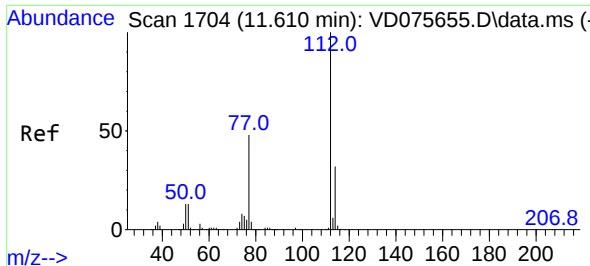
Tgt Ion:117 Resp: 370069
Ion Ratio Lower Upper
117 100
82 49.8 44.0 66.0
119 32.0 25.1 37.7



#64
Tetrachloroethene
Concen: 97.752 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion:164 Resp: 278176
Ion Ratio Lower Upper
164 100
166 126.5 94.9 142.3
129 83.6 73.0 109.6
131 83.4 69.2 103.8

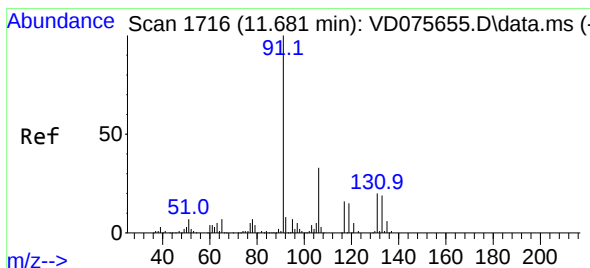
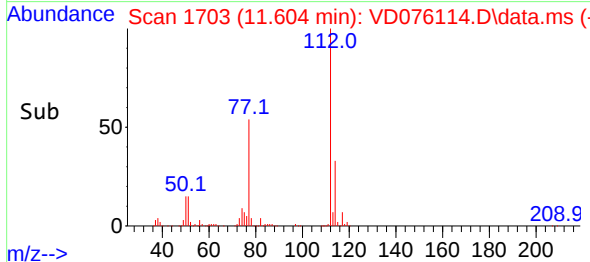
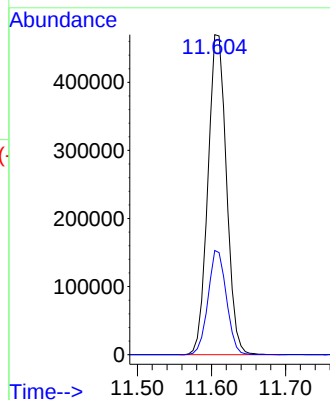
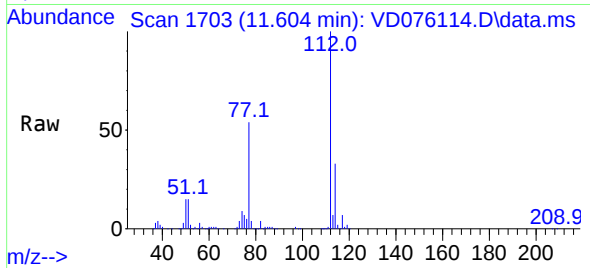




#65
Chlorobenzene
Concen: 97.026 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

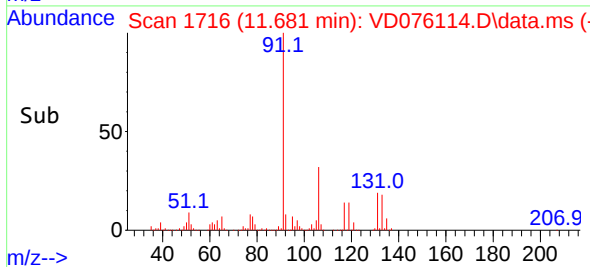
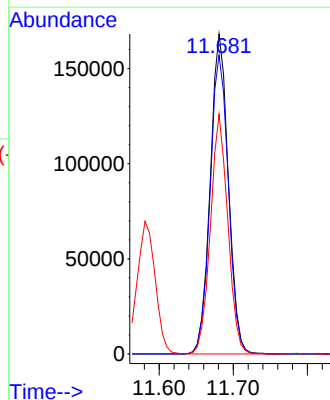
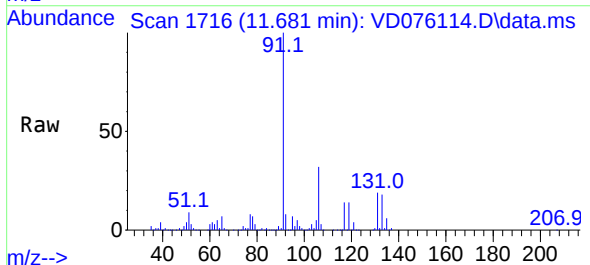
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

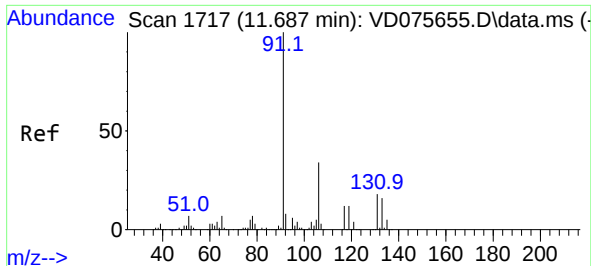
Tgt Ion:112 Resp: 817439
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 98.310 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion:131 Resp: 285031
Ion Ratio Lower Upper
131 100
133 94.7 46.7 140.0
119 72.0 31.9 95.9





#67

Ethyl Benzene

Concen: 109.397 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD076114.D

Acq: 15 May 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

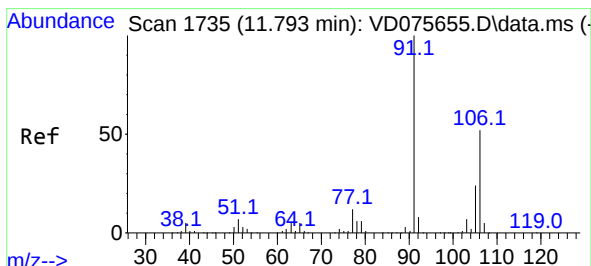
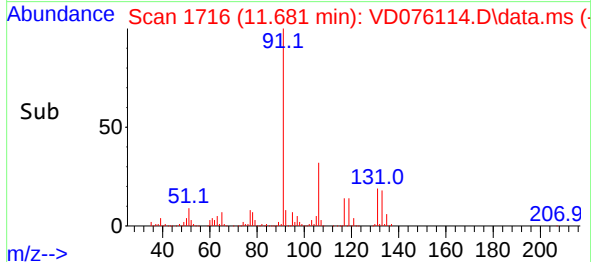
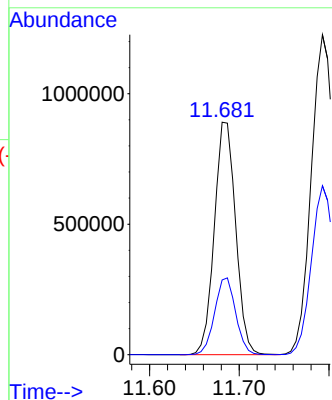
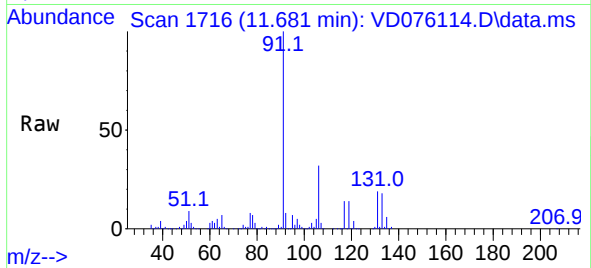
VSTDICC100

Tgt Ion: 91 Resp: 1472727

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 214.736 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076114.D

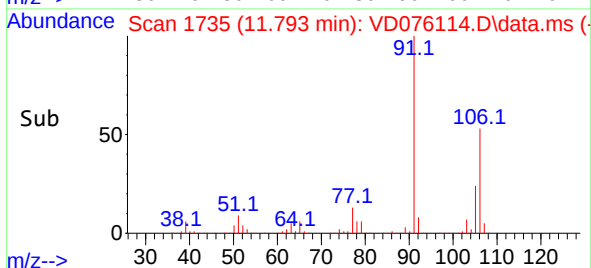
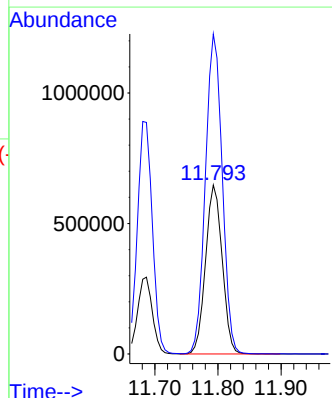
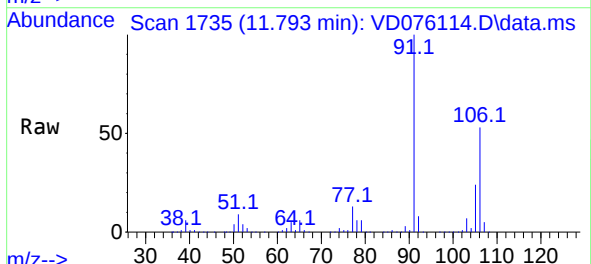
Acq: 15 May 2023 13:50

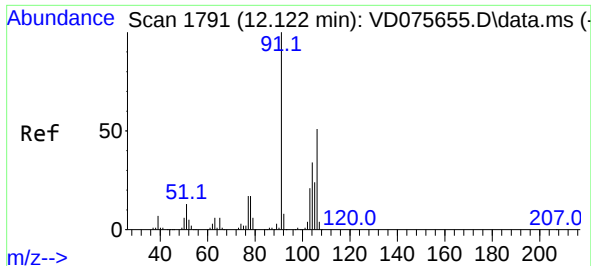
Tgt Ion:106 Resp: 1181491

Ion Ratio Lower Upper

106 100

91 191.5 161.5 242.3





#69

o-Xylene

Concen: 109.993 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD076114.D

Acq: 15 May 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

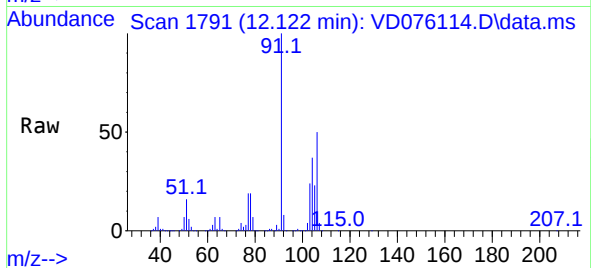
VSTDIC100

Tgt Ion:106 Resp: 552212

Ion Ratio Lower Upper

106 100

91 202.0 105.7 317.1



Abundance

600000

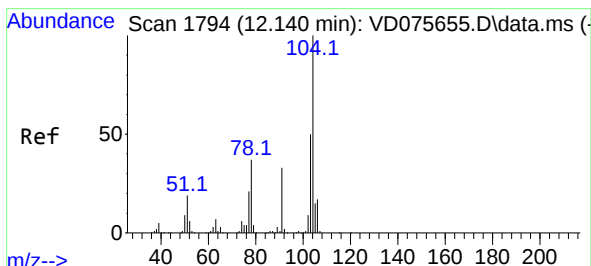
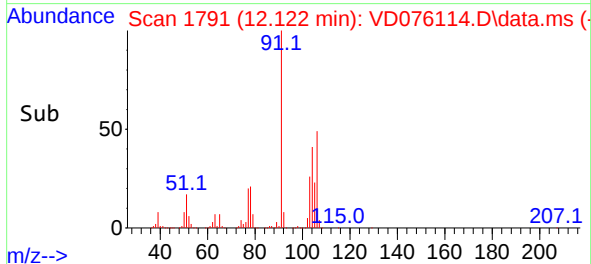
400000

200000

0

12.122

Time-->



#70

Styrene

Concen: 109.826 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD076114.D

Acq: 15 May 2023 13:50

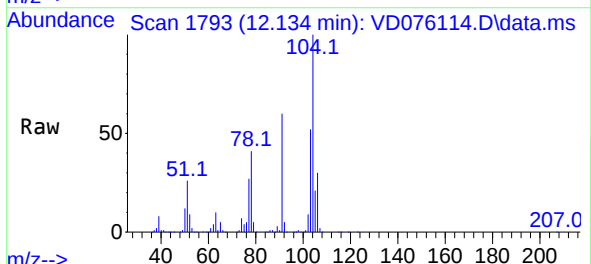
Tgt Ion:104 Resp: 955952

Ion Ratio Lower Upper

104 100

78 43.7 40.2 60.4

103 55.4 44.2 66.2



Abundance

500000

400000

300000

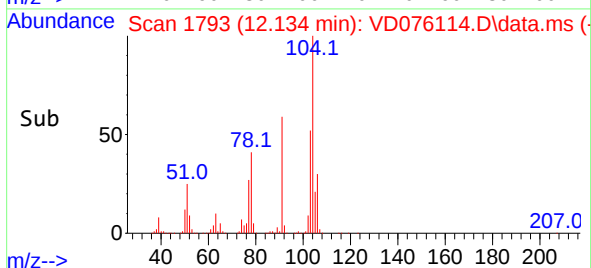
200000

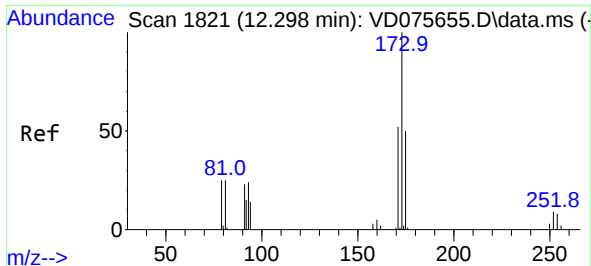
100000

0

12.134

Time-->

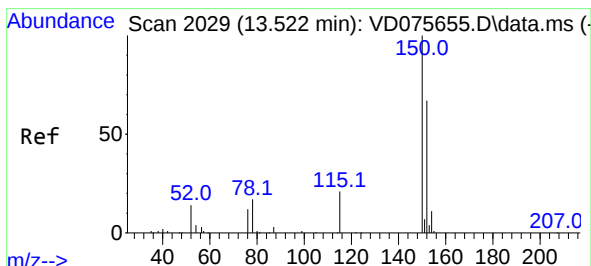
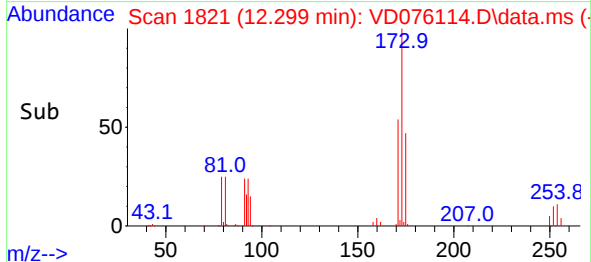
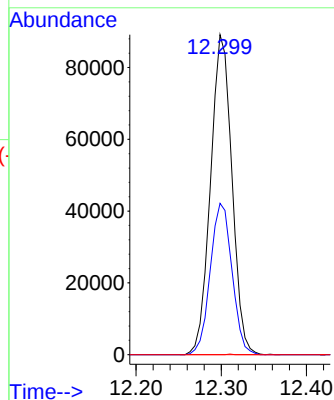
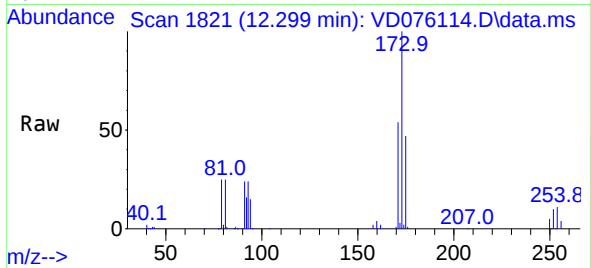




#71
Bromoform
Concen: 95.477 ug/l
RT: 12.299 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

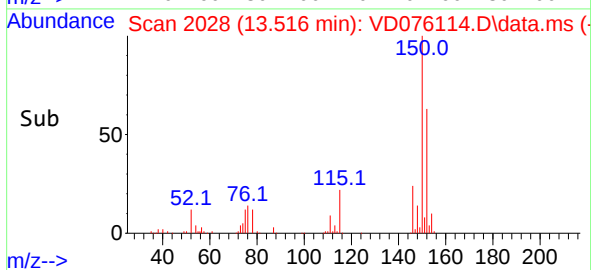
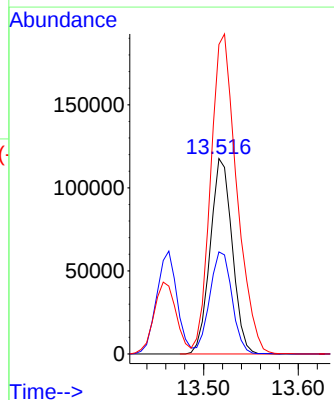
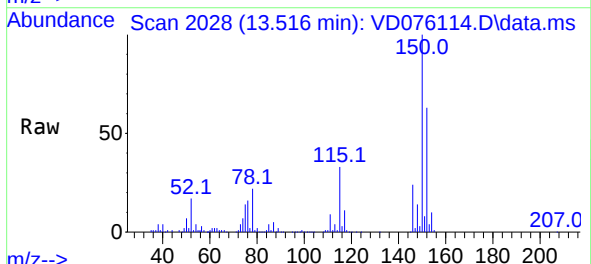
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

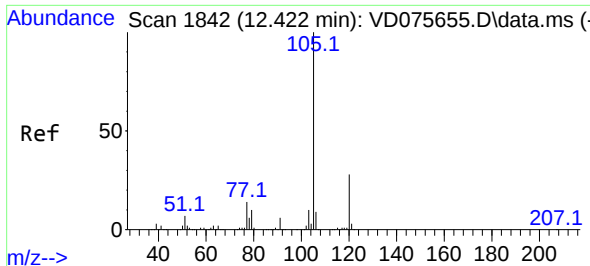
Tgt Ion:173 Resp: 155706
Ion Ratio Lower Upper
173 100
175 48.1 23.5 70.5
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion:152 Resp: 190165
Ion Ratio Lower Upper
152 100
115 53.4 30.1 90.3
150 194.3 0.0 364.8

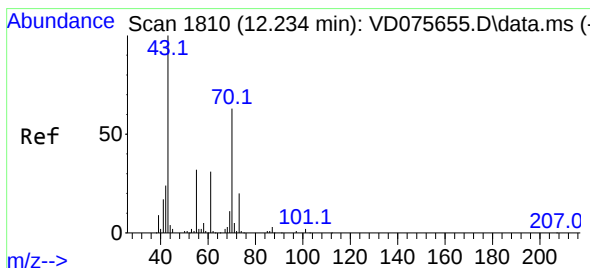
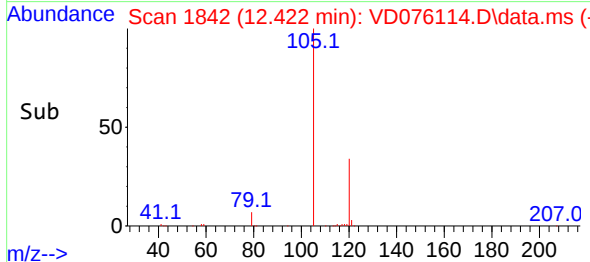
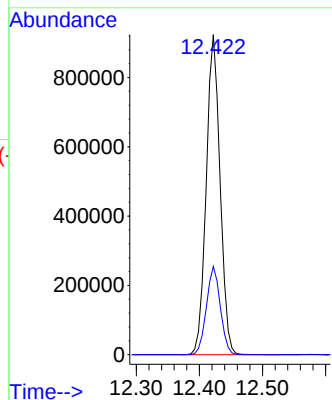
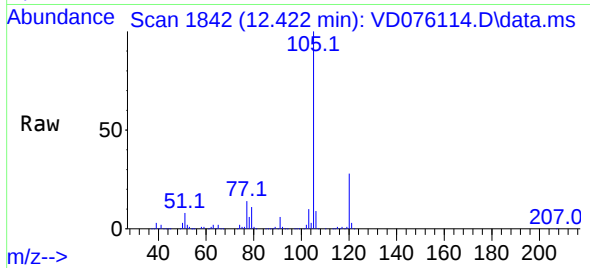




#73
Isopropylbenzene
Concen: 111.687 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

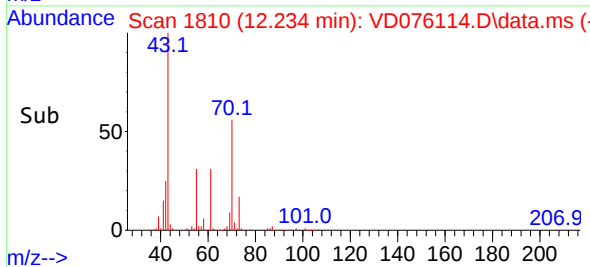
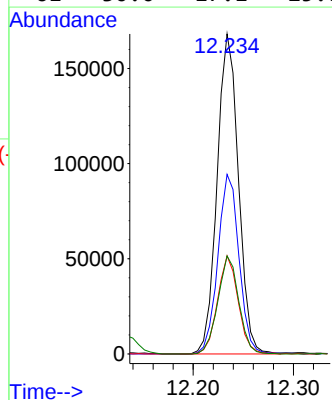
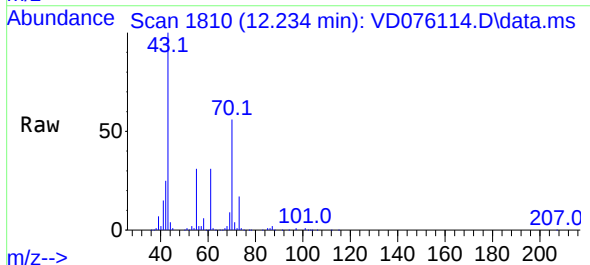
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

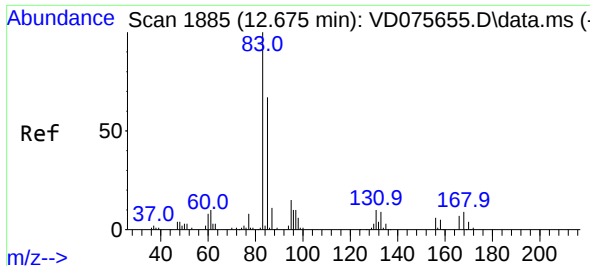
Tgt Ion:105 Resp: 1404981
Ion Ratio Lower Upper
105 100
120 27.7 13.4 40.1



#74
N-ethyl acetate
Concen: 110.836 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 43 Resp: 248348
Ion Ratio Lower Upper
43 100
70 55.8 31.0 46.4#
55 29.8 18.6 28.0#
61 30.0 17.1 25.7#

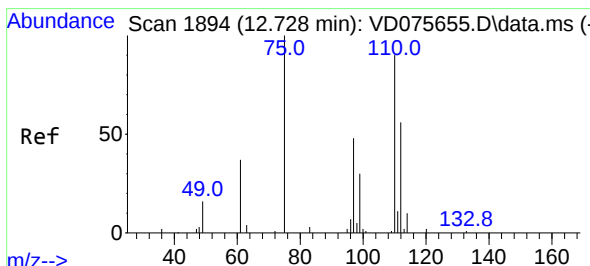
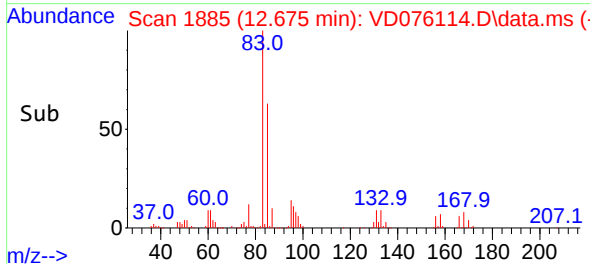
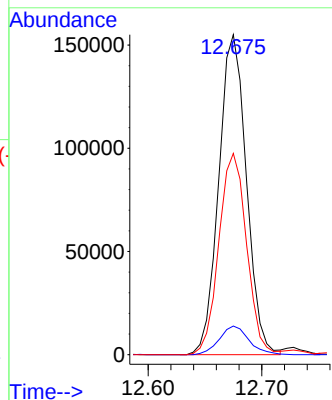
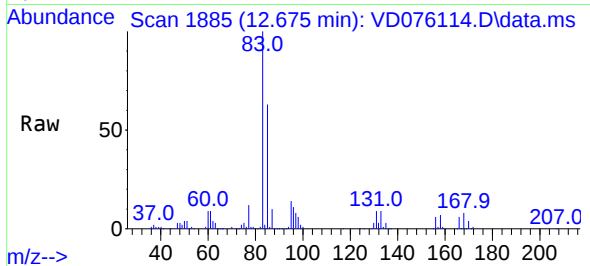




#75
1,1,2,2-Tetrachloroethane
Concen: 97.054 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

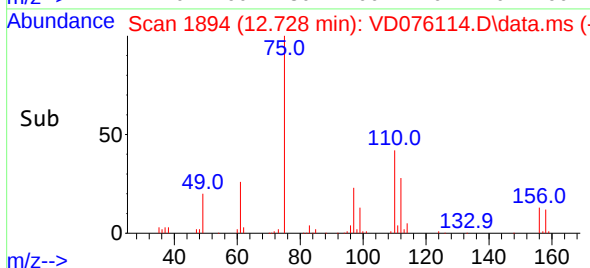
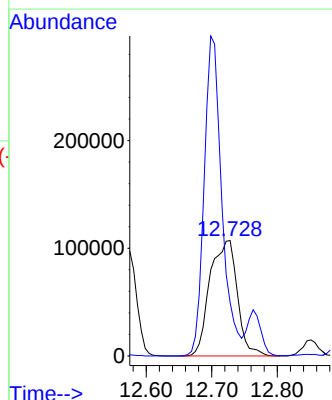
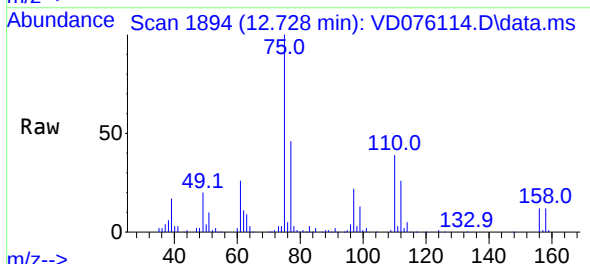
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

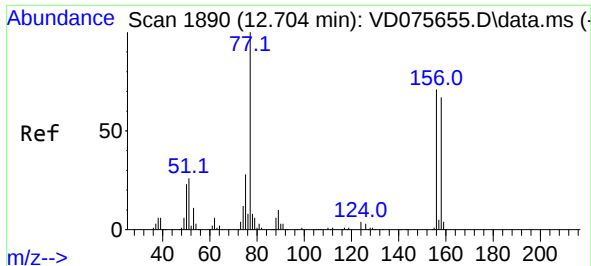
Tgt Ion: 83 Resp: 262402
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.2
85 63.1 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 186.571 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 75 Resp: 310473
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

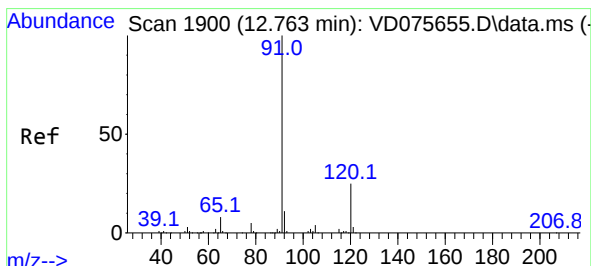
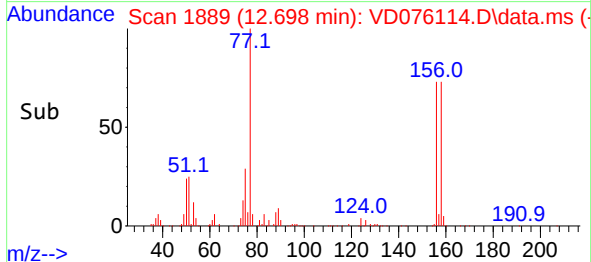
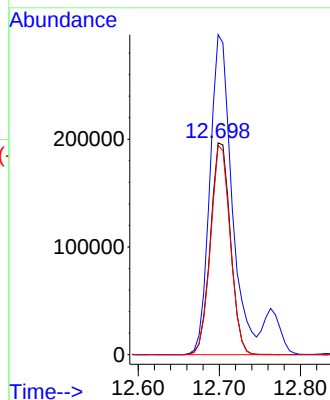
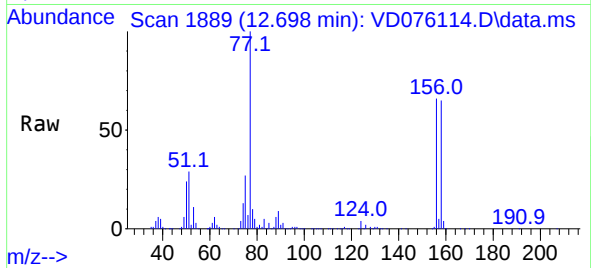




#77
Bromobenzene
Concen: 99.969 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

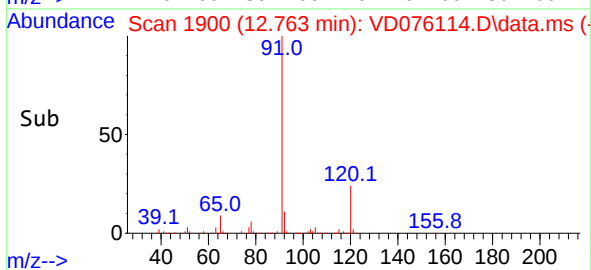
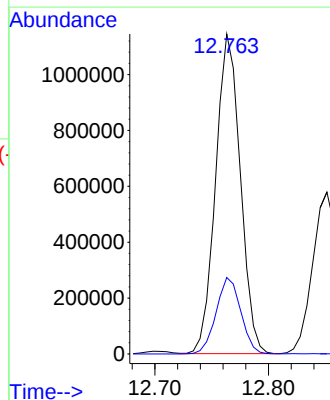
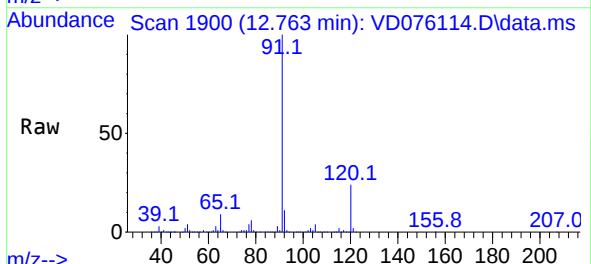
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

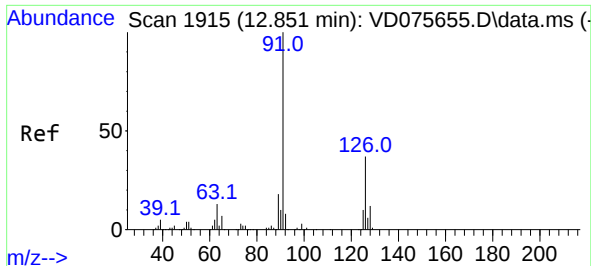
Tgt Ion:156 Resp: 337066
Ion Ratio Lower Upper
156 100
77 165.4 89.5 268.6
158 96.9 47.8 143.4



#78
n-propylbenzene
Concen: 110.418 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 91 Resp: 1728945
Ion Ratio Lower Upper
91 100
120 23.9 11.4 34.2

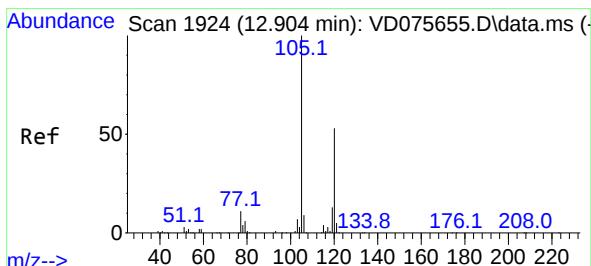
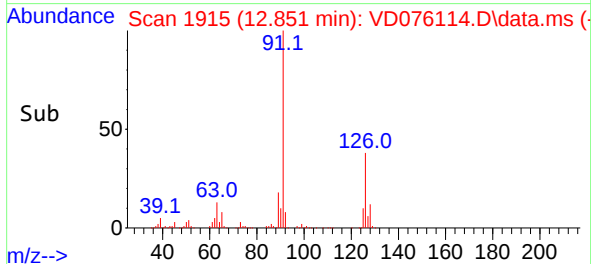
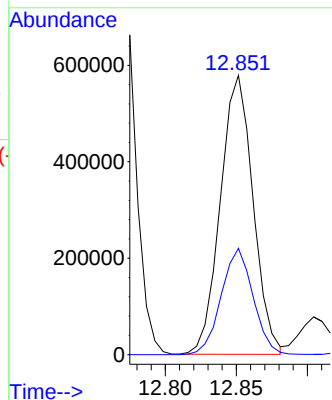
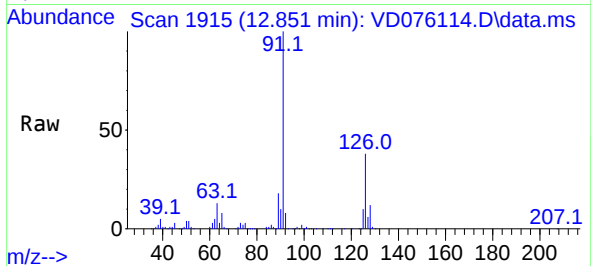




#79
2-Chlorotoluene
Concen: 106.813 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

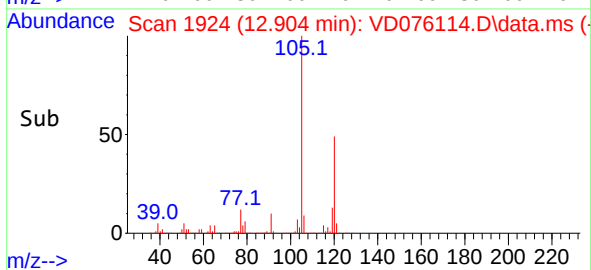
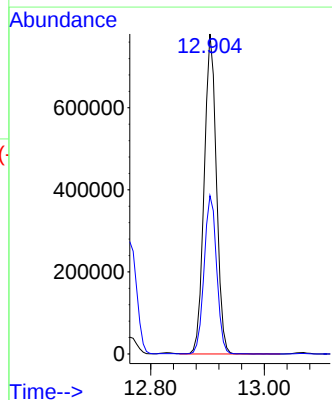
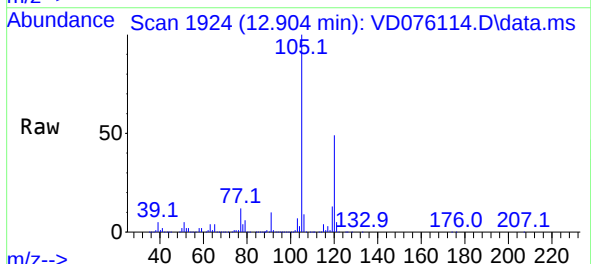
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

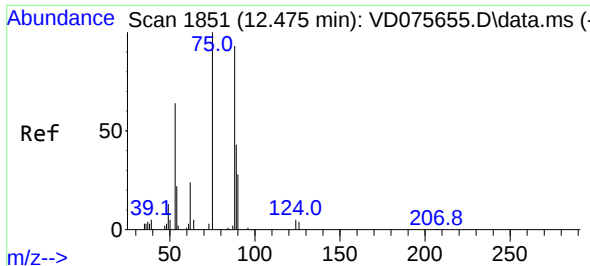
Tgt Ion: 91 Resp: 925648
Ion Ratio Lower Upper
91 100
126 37.2 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 111.381 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 105 Resp: 1161525
Ion Ratio Lower Upper
105 100
120 50.6 24.3 72.8

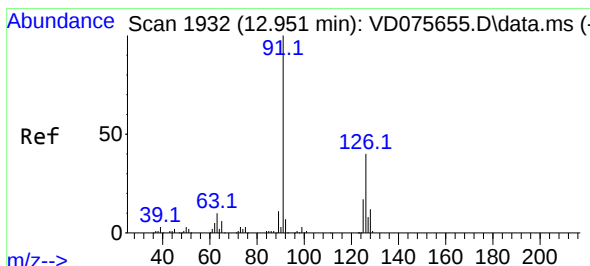
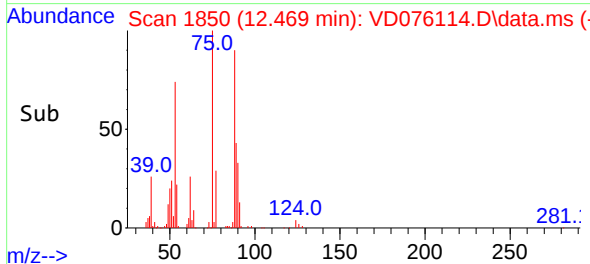
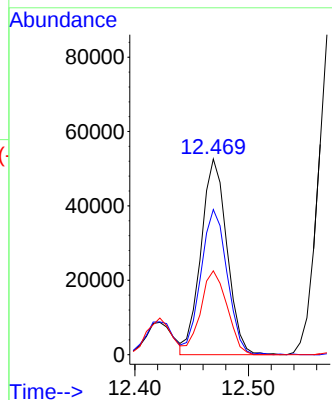
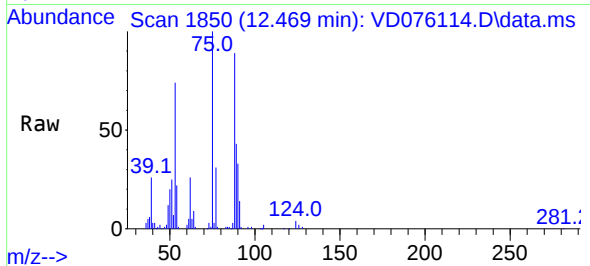




#81
trans-1,4-Dichloro-2-butene
Concen: 105.527 ug/l
RT: 12.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

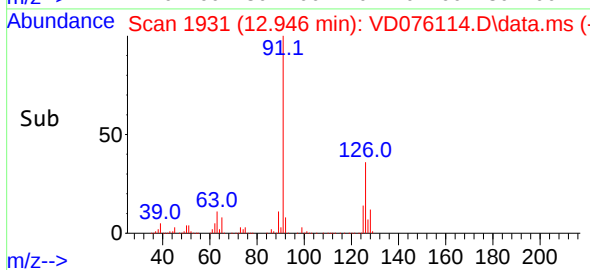
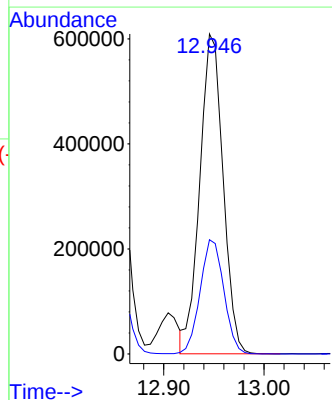
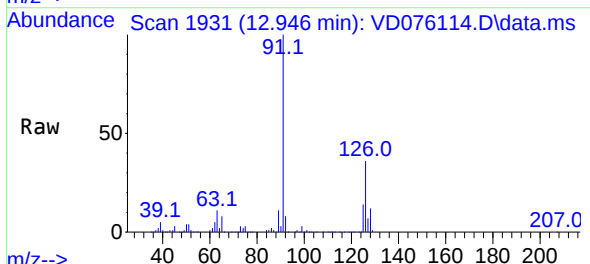
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

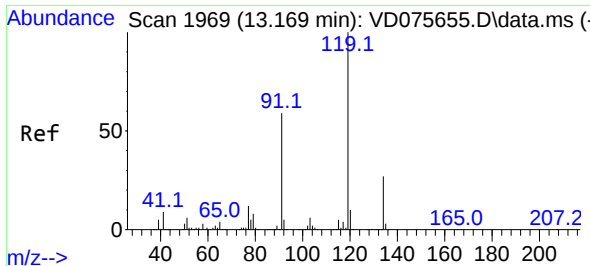
Tgt Ion: 75 Resp: 83709
Ion Ratio Lower Upper
75 100
53 75.4 90.5 135.7#
89 43.9 40.2 60.4



#82
4-Chlorotoluene
Concen: 106.827 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. -0.005 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 91 Resp: 984711
Ion Ratio Lower Upper
91 100
126 36.5 17.1 51.2

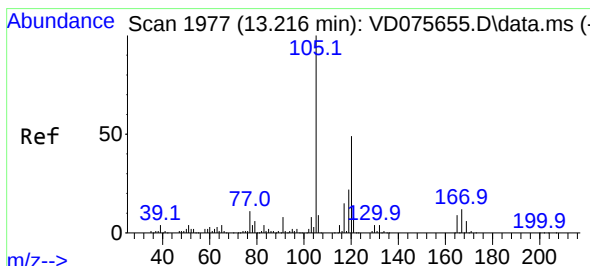
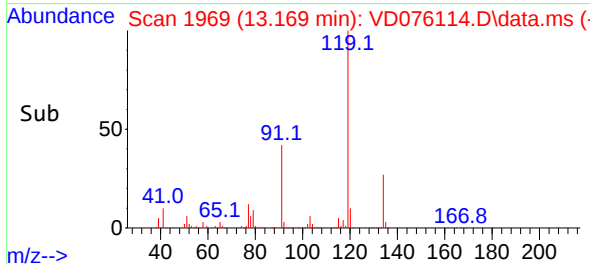
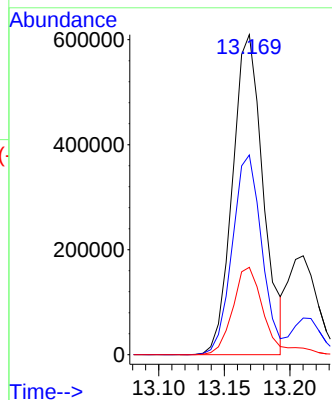
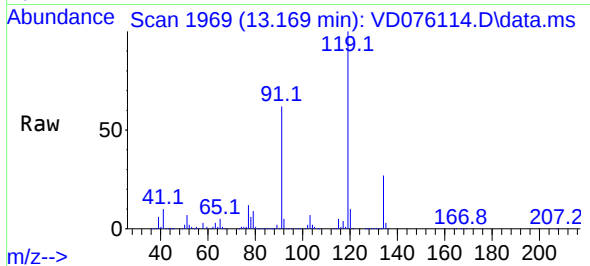




#83
tert-Butylbenzene
Concen: 112.416 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

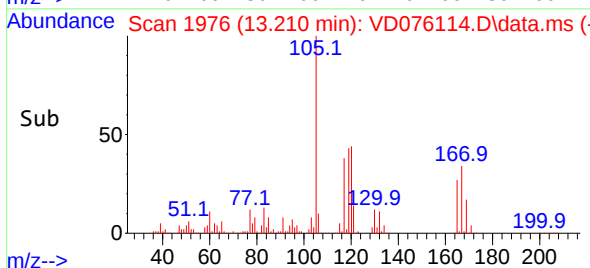
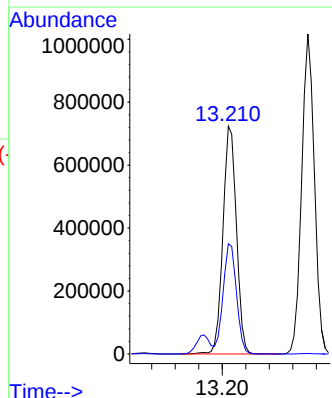
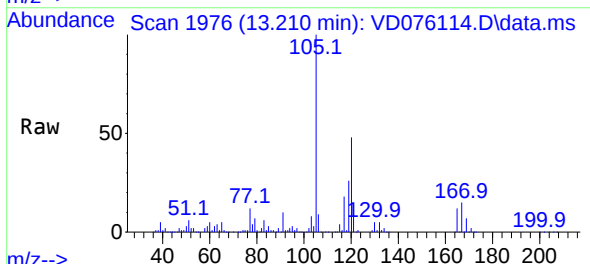
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

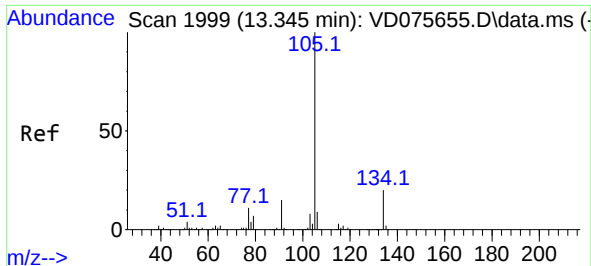
Tgt Ion:119 Resp: 990752
Ion Ratio Lower Upper
119 100
91 60.1 32.4 97.0
134 28.2 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 111.068 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion:105 Resp: 1153497
Ion Ratio Lower Upper
105 100
120 47.6 22.3 66.9

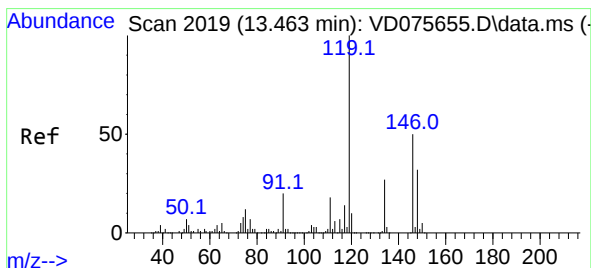
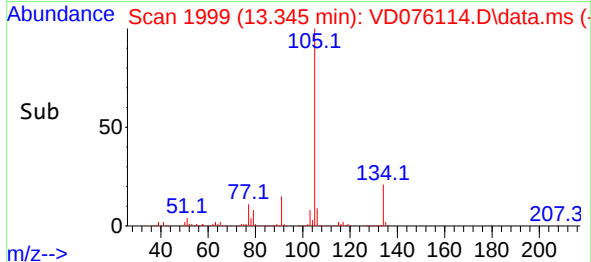
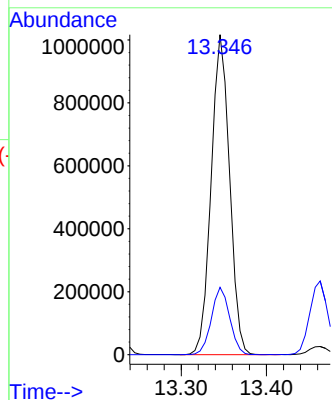
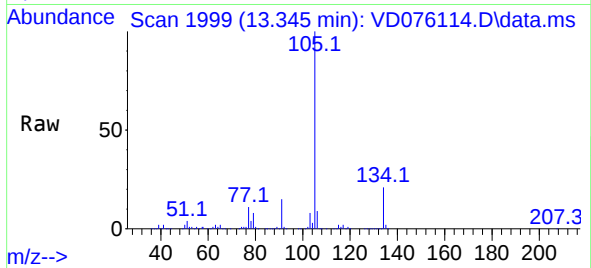




#85
sec-Butylbenzene
Concen: 110.999 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

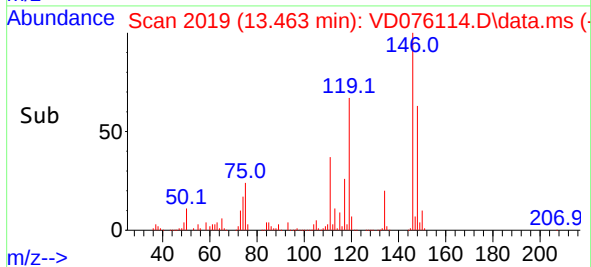
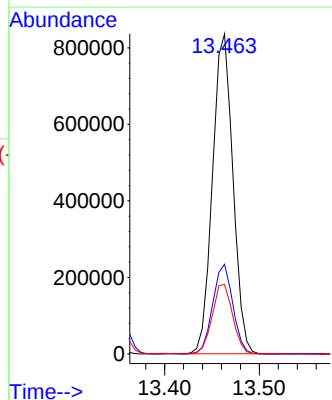
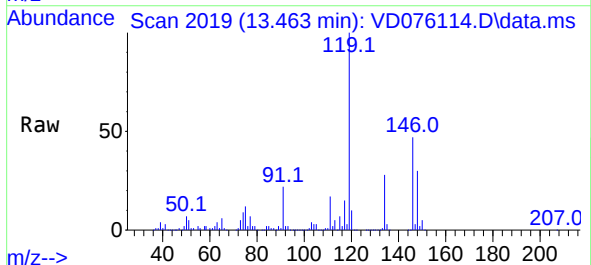
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

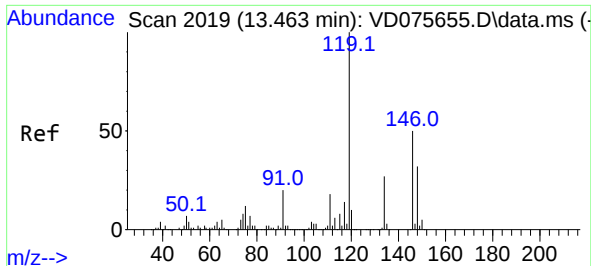
Tgt Ion:105 Resp: 1524592
Ion Ratio Lower Upper
105 100
134 20.9 9.9 29.7



#86
p-Isopropyltoluene
Concen: 111.314 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion:119 Resp: 1251027
Ion Ratio Lower Upper
119 100
134 27.6 13.1 39.3
91 21.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 100.186 ug/l

RT: 13.457 min Scan# 2019

Delta R.T. -0.006 min

Lab File: VD076114.D

Acq: 15 May 2023 13:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

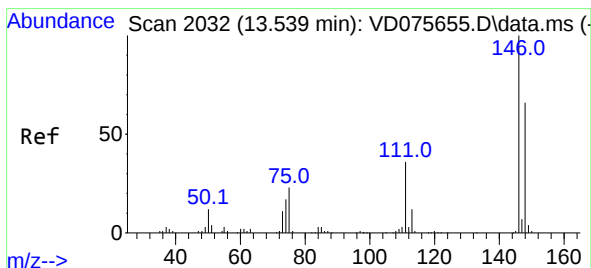
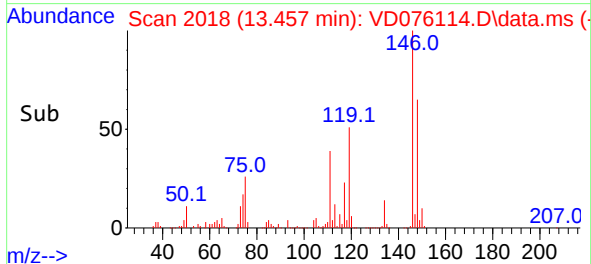
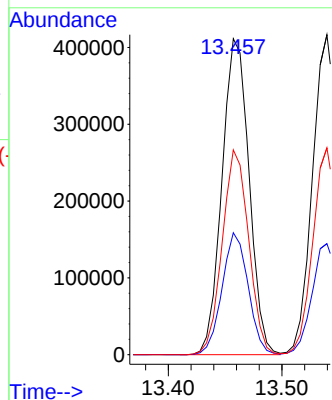
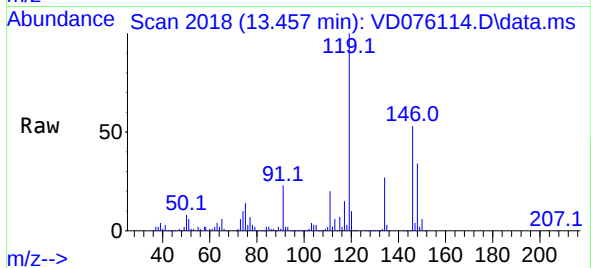
Tgt Ion:146 Resp: 682987

Ion Ratio Lower Upper

146 100

111 37.2 19.8 59.3

148 63.2 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 99.900 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD076114.D

Acq: 15 May 2023 13:50

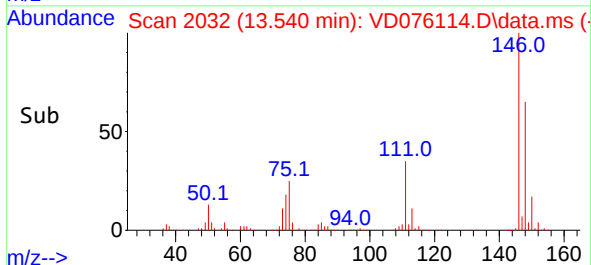
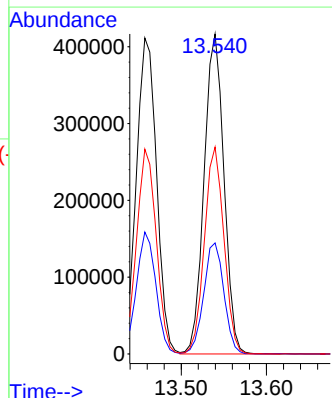
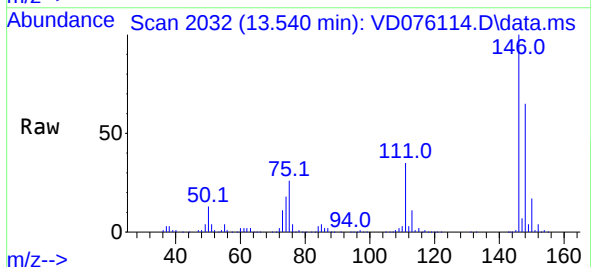
Tgt Ion:146 Resp: 674344

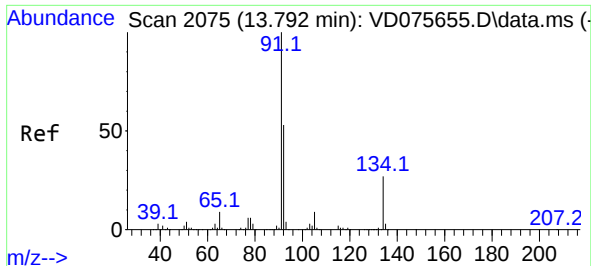
Ion Ratio Lower Upper

146 100

111 35.2 19.6 58.8

148 63.8 31.7 95.1

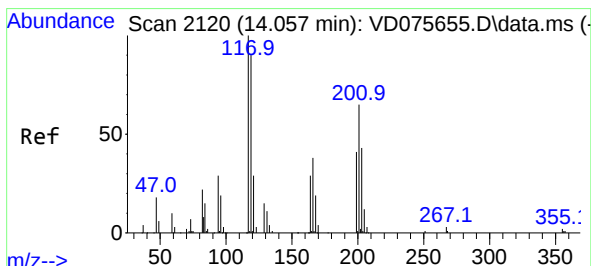
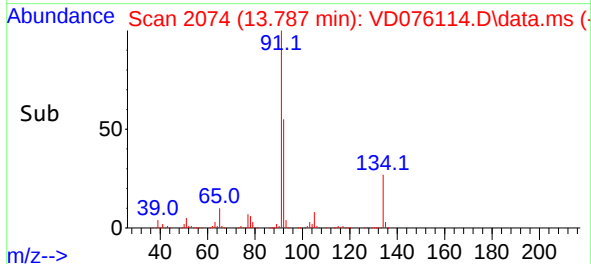
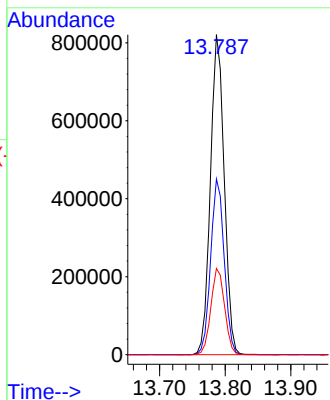
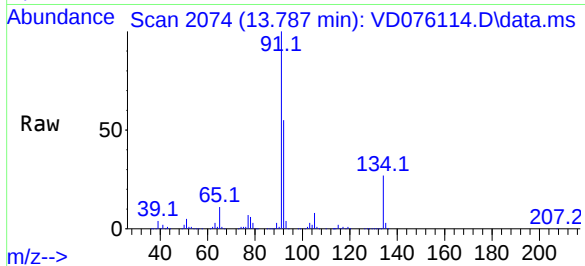




#89
n-Butylbenzene
Concen: 113.506 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.005 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

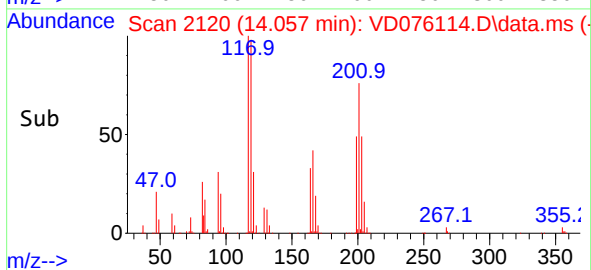
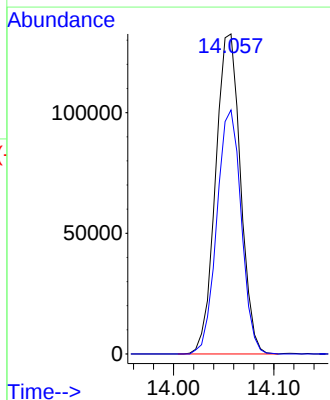
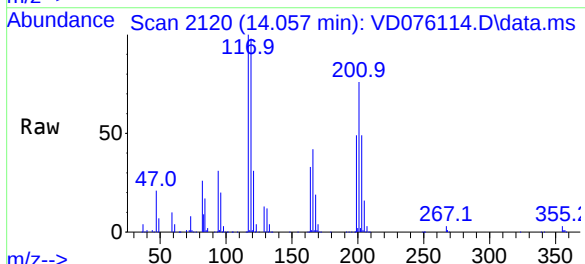
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

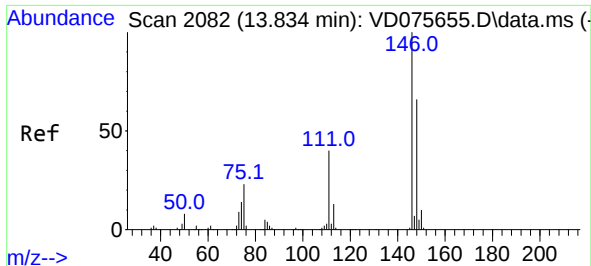
Tgt Ion: 91 Resp: 1202159
Ion Ratio Lower Upper
91 100
92 53.8 26.2 78.5
134 26.8 12.7 38.0



#90
Hexachloroethane
Concen: 98.968 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 117 Resp: 228789
Ion Ratio Lower Upper
117 100
201 74.7 34.5 103.6

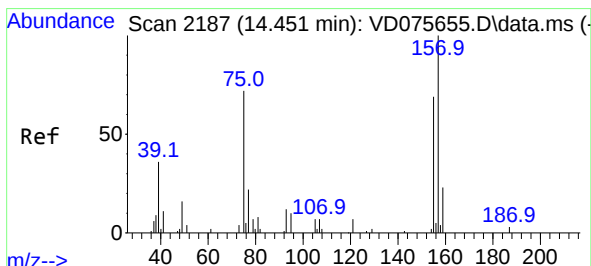
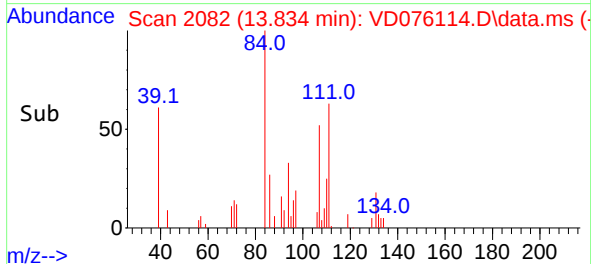
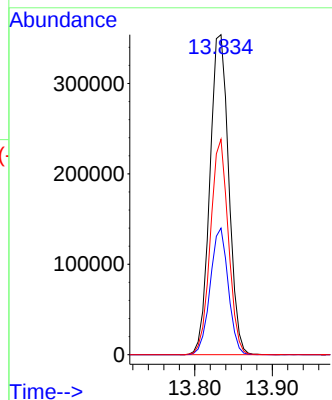
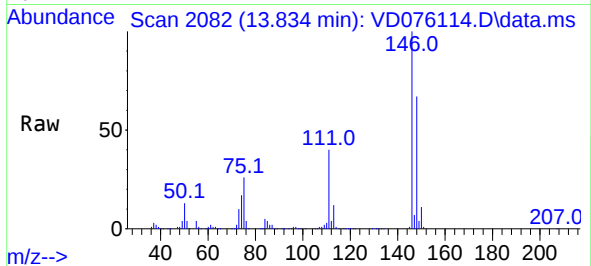




#91
1,2-Dichlorobenzene
Concen: 100.010 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

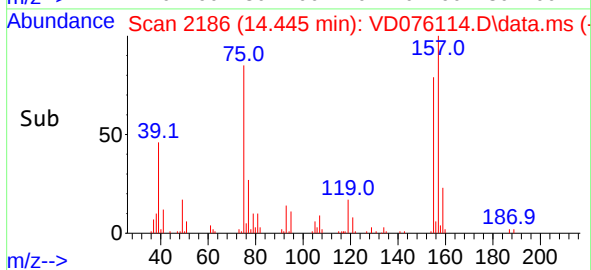
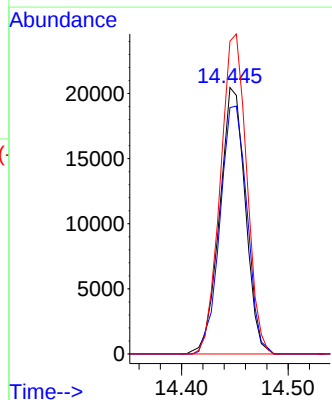
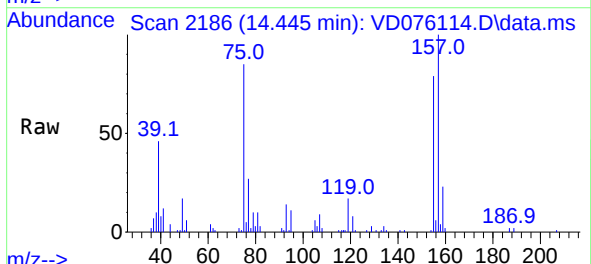
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

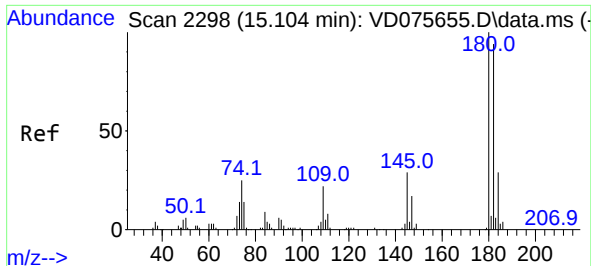
Tgt Ion:146 Resp: 598316
Ion Ratio Lower Upper
146 100
111 37.8 20.6 61.8
148 63.9 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 97.558 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion: 75 Resp: 34248
Ion Ratio Lower Upper
75 100
155 97.4 39.5 118.5
157 122.9 53.5 160.7

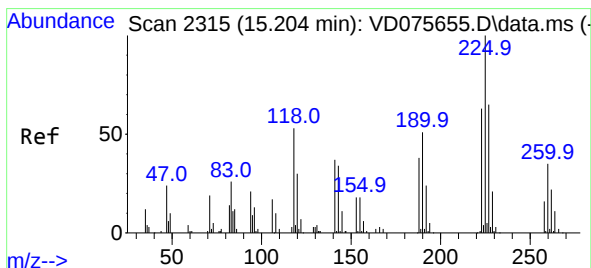
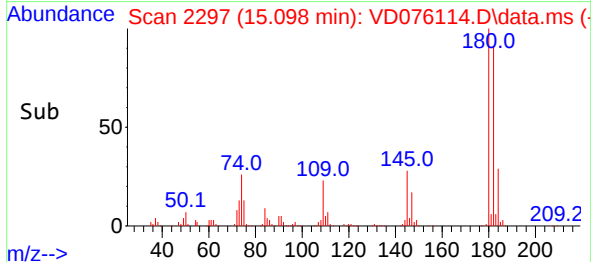
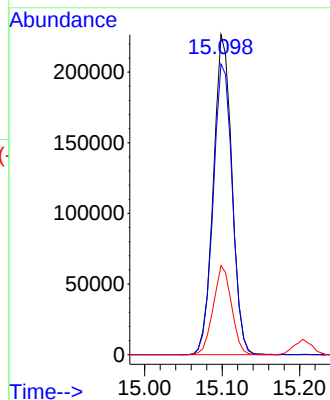
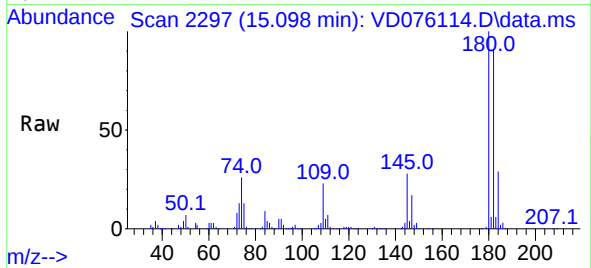




#93
1,2,4-Trichlorobenzene
Concen: 108.093 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

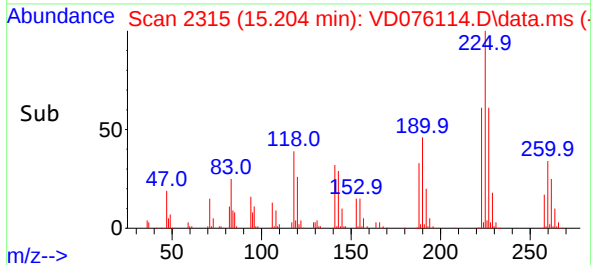
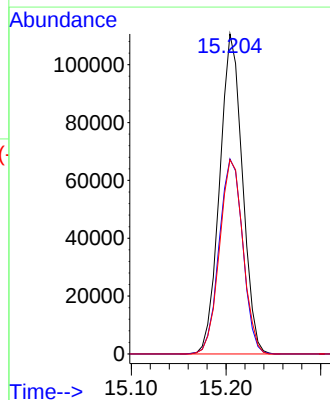
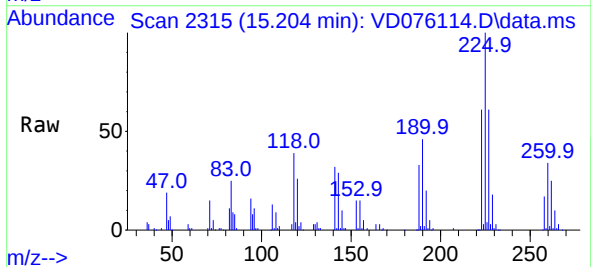
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

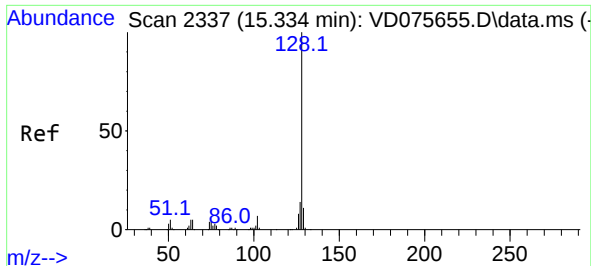
Tgt Ion:180 Resp: 376155
Ion Ratio Lower Upper
180 100
182 93.7 47.9 143.7
145 27.5 15.9 47.7



#94
Hexachlorobutadiene
Concen: 104.032 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion:225 Resp: 184584
Ion Ratio Lower Upper
225 100
223 63.1 33.1 99.2
227 62.5 31.9 95.9

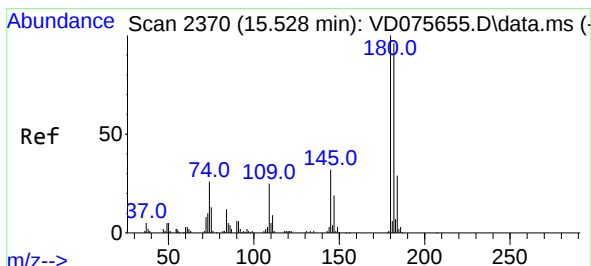
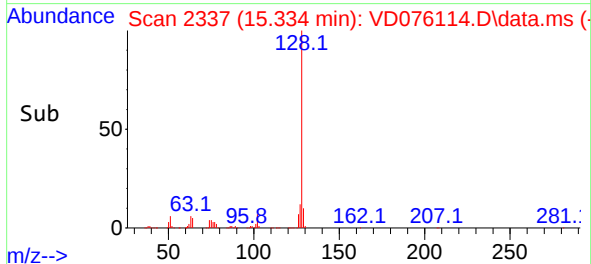
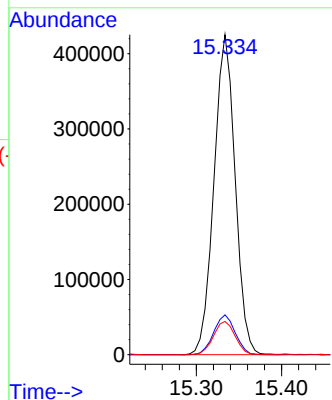
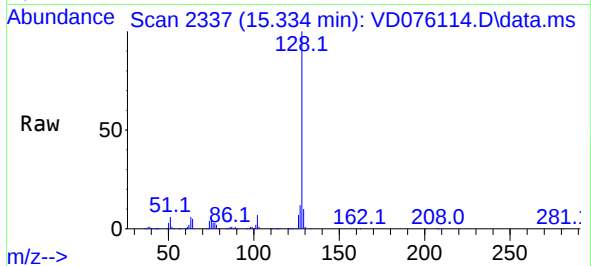




#95
Naphthalene
Concen: 113.575 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 734370
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 105.985 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076114.D
Acq: 15 May 2023 13:50

Tgt Ion:180 Resp: 335428
Ion Ratio Lower Upper
180 100
182 94.9 47.7 143.1
145 29.5 16.4 49.4

