

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010923\
 Data File : VD075089.D
 Acq On : 09 Jan 2023 12:59
 Operator : KP/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Jan 10 03:00:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 02:58:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	102638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	174519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	156062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	70753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	22005	21.385	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.760%#
35) Dibromofluoromethane	7.805	113	22123	20.153	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.300%#
50) Toluene-d8	10.269	98	88788	20.398	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	40.800%#
62) 4-Bromofluorobenzene	12.575	95	28241	20.214	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	40.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	13073	23.544	ug/l	100
3) Chloromethane	2.146	50	20675	23.730	ug/l	100
4) Vinyl Chloride	2.281	62	22407	23.602	ug/l	98
5) Bromomethane	2.676	94	13732	21.496	ug/l	91
6) Chloroethane	2.828	64	16548	23.163	ug/l	100
7) Trichlorofluoromethane	3.170	101	29536	21.836	ug/l	90
8) Diethyl Ether	3.593	74	10211	21.751	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.970	101	19002	20.248	ug/l	98
10) Methyl Iodide	4.158	142	20945	22.108	ug/l	99
11) Tert butyl alcohol	5.046	59	5971	101.007	ug/l	100
12) 1,1-Dichloroethene	3.940	96	18744	21.538	ug/l	92
13) Acrolein	3.799	56	11683	124.790	ug/l	99
14) Allyl chloride	4.564	41	32464	21.790	ug/l	98
15) Acrylonitrile	5.258	53	25719	106.273	ug/l	99
16) Acetone	4.022	43	23607	96.824	ug/l	93
17) Carbon Disulfide	4.270	76	44402	26.061	ug/l	96
18) Methyl Acetate	4.570	43	16265	22.385	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	47881	21.006	ug/l	98
20) Methylene Chloride	4.799	84	35761	20.664	ug/l	91
21) trans-1,2-Dichloroethene	5.317	96	21635	22.672	ug/l	96
22) Diisopropyl ether	6.216	45	67153	21.059	ug/l	95
23) Vinyl Acetate	6.158	43	98684	100.005	ug/l	99
24) 1,1-Dichloroethane	6.116	63	40200	20.963	ug/l	98
25) 2-Butanone	7.087	43	33177	102.725	ug/l	91
26) 2,2-Dichloropropane	7.075	77	35769	20.798	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	25398	21.081	ug/l	98
28) Bromochloromethane	7.428	49	14259	21.438	ug/l	99
29) Tetrahydrofuran	7.446	42	20226	111.318	ug/l	96
30) Chloroform	7.599	83	40191	20.683	ug/l	97
31) Cyclohexane	7.881	56	32729	21.546	ug/l	99
32) 1,1,1-Trichloroethane	7.799	97	35009	20.996	ug/l	97
36) 1,1-Dichloropropene	8.011	75	29041	21.382	ug/l	100
37) Ethyl Acetate	7.169	43	15983	21.062	ug/l	98
38) Carbon Tetrachloride	7.993	117	24592	20.667	ug/l	95
39) Methylcyclohexane	9.275	83	35453	22.568	ug/l	98
40) Benzene	8.252	78	87411	21.571	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	9415	21.372	ug/l	93
42) 1,2-Dichloroethane	8.322	62	23958	21.096	ug/l	99
43) Isopropyl Acetate	8.358	43	27170	20.788	ug/l	97
44) Trichloroethene	9.028	130	24279	20.846	ug/l	91
45) 1,2-Dichloropropane	9.305	63	22994	20.824	ug/l	97
46) Dibromomethane	9.393	93	12414	22.245	ug/l	96
47) Bromodichloromethane	9.587	83	29490	20.236	ug/l #	99
48) Methyl methacrylate	9.387	41	11935	20.267	ug/l	98
49) 1,4-Dioxane	9.393	88	2581	424.675	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	69643	105.521	ug/l	99
52) Toluene	10.334	92	55959	21.300	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	27867	20.922	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	34685	21.261	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	16856	20.739	ug/l	96
56) Ethyl methacrylate	10.599	69	20690	21.074	ug/l	97
57) 1,3-Dichloropropane	10.881	76	28201	20.887	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	41601	112.237	ug/l	99
59) 2-Hexanone	10.922	43	48030	104.037	ug/l	99
60) Dibromochloromethane	11.081	129	19740	20.512	ug/l	99
61) 1,2-Dibromoethane	11.181	107	15676	21.242	ug/l	95
64) Tetrachloroethene	10.810	164	20033	20.018	ug/l	95
65) Chlorobenzene	11.610	112	59296	20.186	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.687	131	20347	19.603	ug/l	98
67) Ethyl Benzene	11.687	91	105873	20.241	ug/l	97
68) m/p-Xylenes	11.793	106	82059	40.701	ug/l	98
69) o-Xylene	12.122	106	40583	20.769	ug/l	94
70) Styrene	12.140	104	66698	20.423	ug/l	99
71) Bromoform	12.299	173	11162	20.008	ug/l #	99
73) Isopropylbenzene	12.422	105	105644	19.970	ug/l	100
74) N-amyl acetate	12.234	43	23889	19.881	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	18646	20.566	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	23344	31.528	ug/l #	1
77) Bromobenzene	12.704	156	23544	20.330	ug/l	99
78) n-propylbenzene	12.763	91	128146	20.197	ug/l	100
79) 2-Chlorotoluene	12.851	91	69093	19.815	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	85089	19.827	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.475	75	4881	19.201	ug/l	92
82) 4-Chlorotoluene	12.951	91	70605	19.768	ug/l	99
83) tert-Butylbenzene	13.169	119	74334	19.625	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	82661	19.930	ug/l	99
85) sec-Butylbenzene	13.346	105	114216	19.901	ug/l	98
86) p-Isopropyltoluene	13.463	119	91017	19.633	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	46491	20.162	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	46760	20.054	ug/l	99
89) n-Butylbenzene	13.793	91	90426	19.833	ug/l	99
90) Hexachloroethane	14.057	117	15615	19.324	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	42230	20.462	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.457	75	2766	18.971	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	25711	19.266	ug/l	99
94) Hexachlorobutadiene	15.204	225	12865	19.338	ug/l	96
95) Naphthalene	15.334	128	53704	20.494	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	23053	19.998	ug/l	98

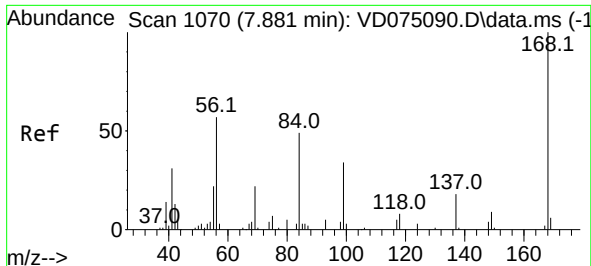
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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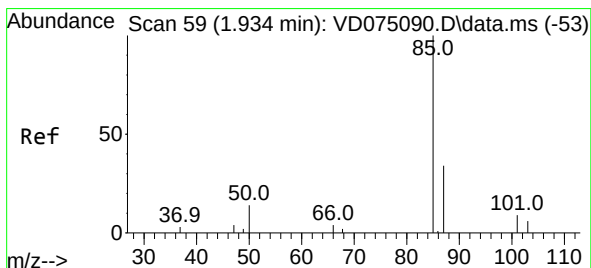
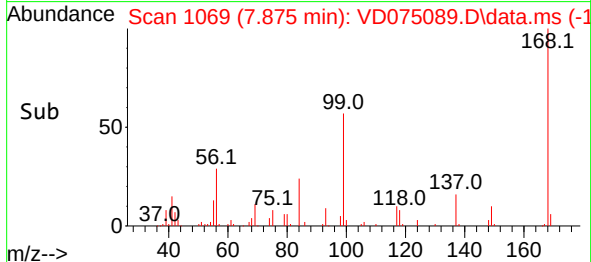
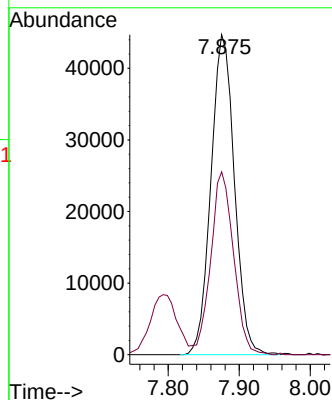
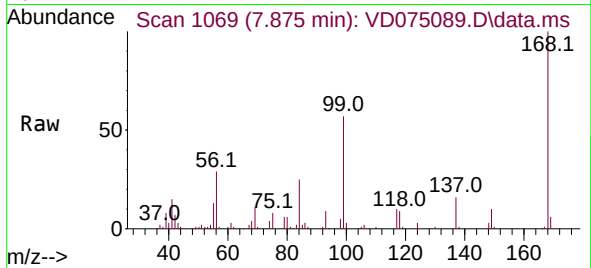
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
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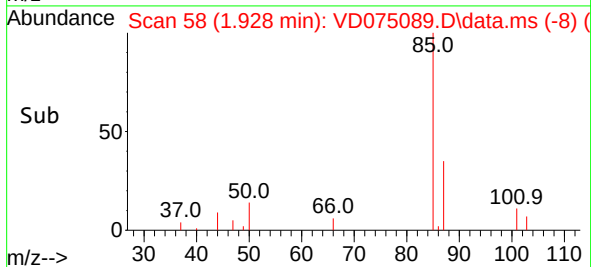
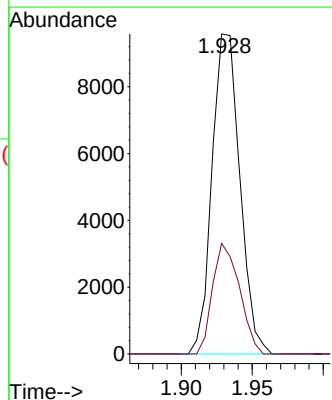
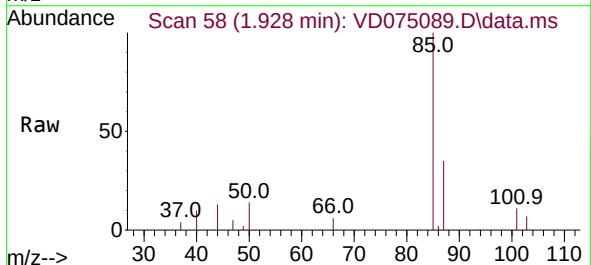
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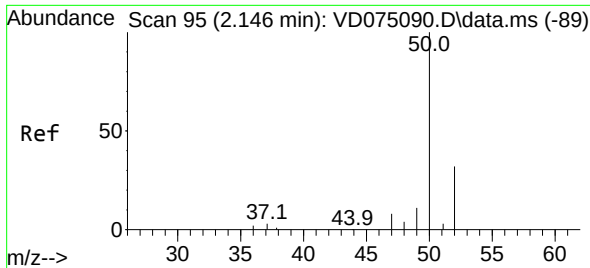
Tgt Ion:168 Resp: 102638
Ion Ratio Lower Upper
168 100
99 56.7 43.2 64.8



#2
Dichlorodifluoromethane
Concen: 23.544 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 85 Resp: 13073
Ion Ratio Lower Upper
85 100
87 34.6 17.2 51.6

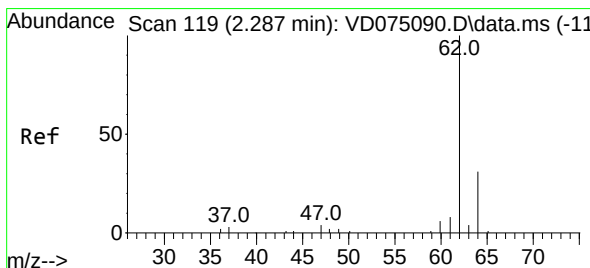
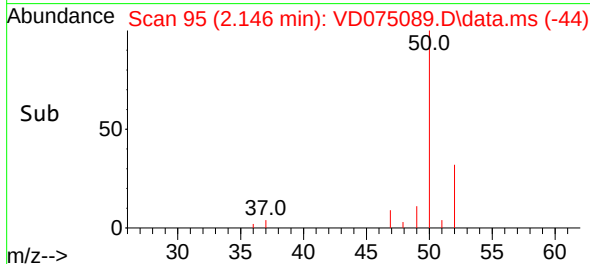
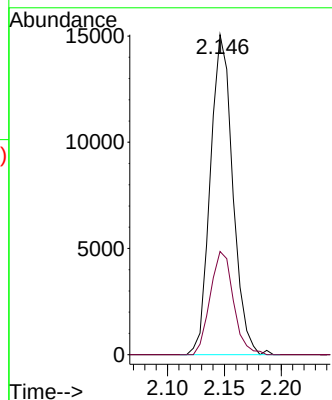
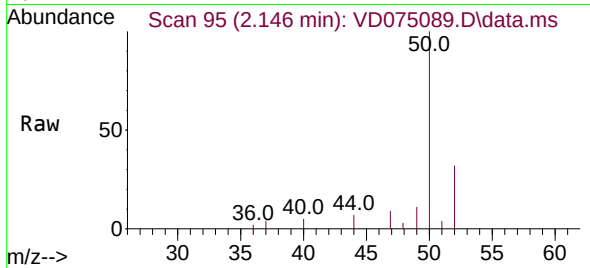




#3
Chloromethane
Concen: 23.730 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

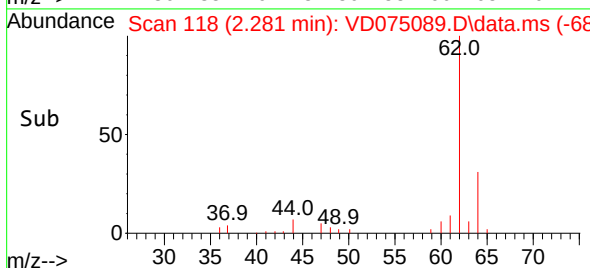
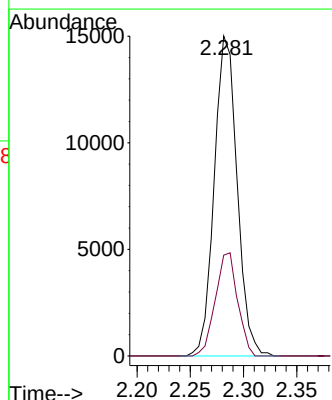
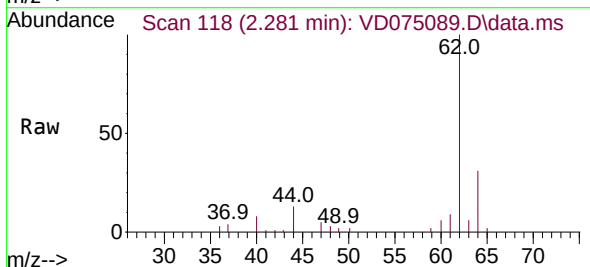
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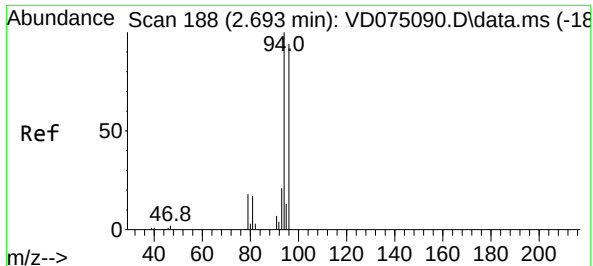
Tgt Ion: 50 Resp: 20675
Ion Ratio Lower Upper
50 100
52 32.2 25.7 38.5



#4
Vinyl Chloride
Concen: 23.602 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 62 Resp: 22407
Ion Ratio Lower Upper
62 100
64 31.5 24.5 36.7

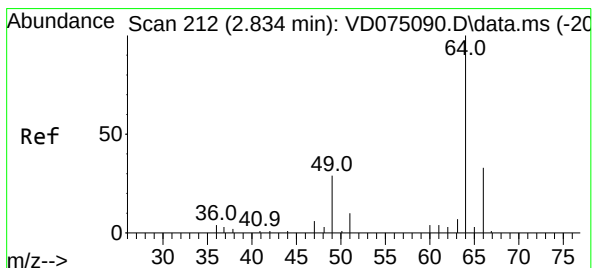
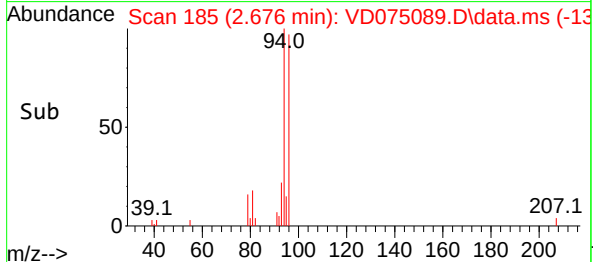
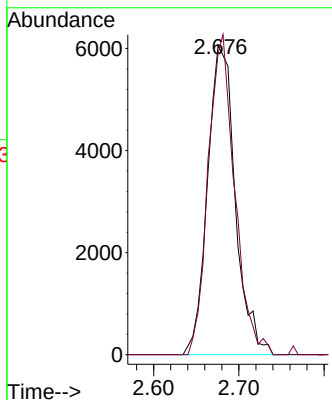
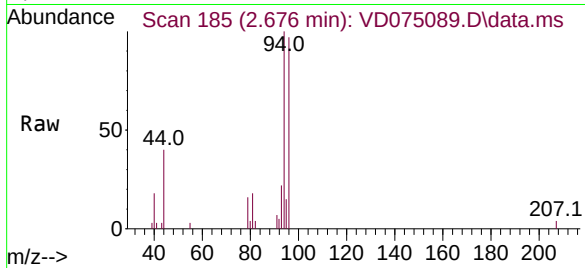




#5
Bromomethane
Concen: 21.496 ug/l
RT: 2.676 min Scan# 185
Delta R.T. -0.017 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

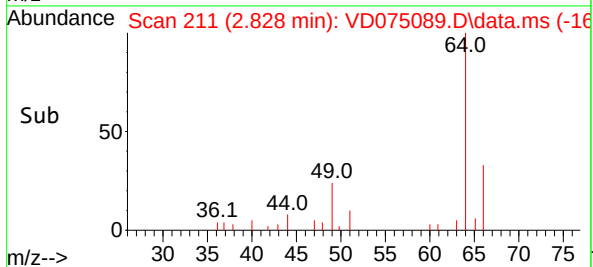
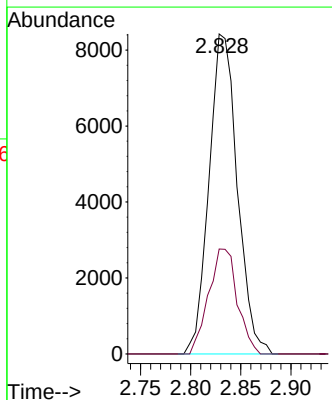
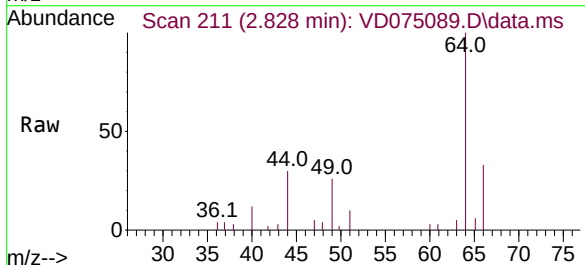
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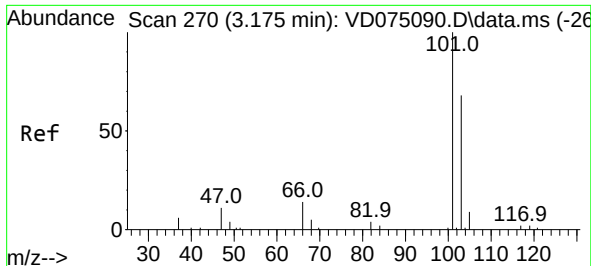
Tgt Ion: 94 Resp: 13732
Ion Ratio Lower Upper
94 100
96 98.7 72.5 108.7



#6
Chloroethane
Concen: 23.163 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 64 Resp: 16548
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.2

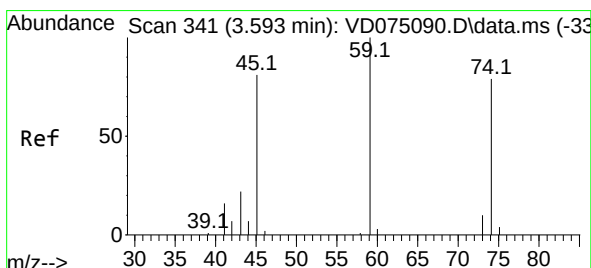
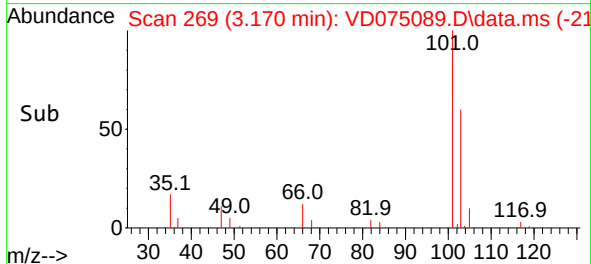
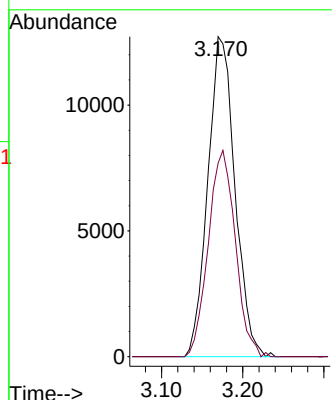
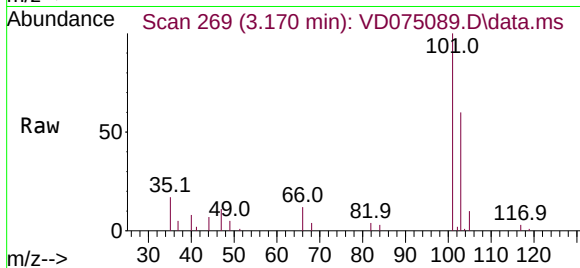




#7
Trichlorofluoromethane
Concen: 21.836 ug/l
RT: 3.170 min Scan# 270
Delta R.T. -0.006 min
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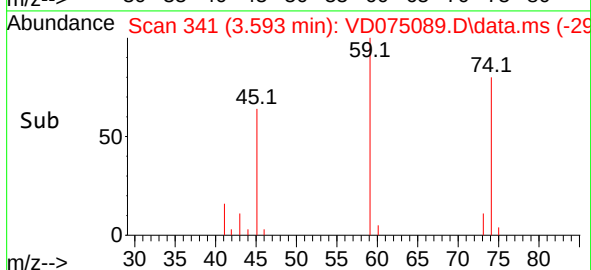
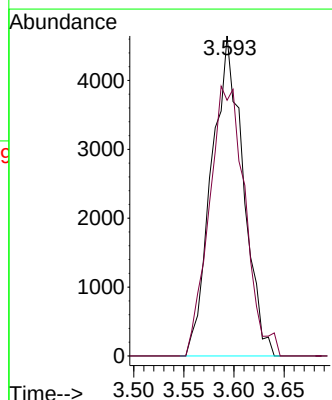
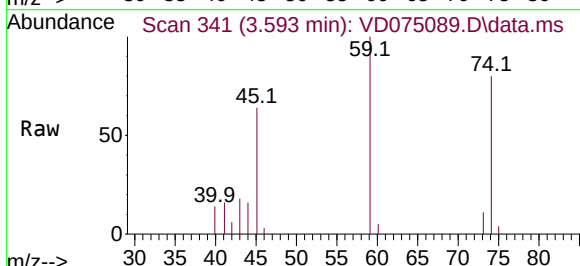
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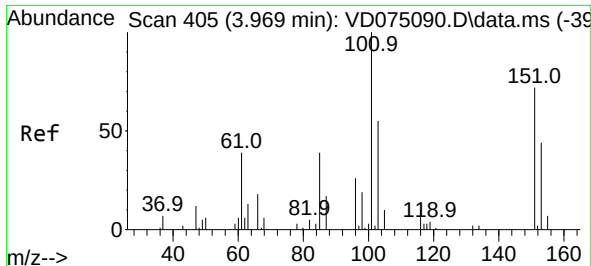
Tgt Ion:101 Resp: 29536
Ion Ratio Lower Upper
101 100
103 60.5 54.6 82.0



#8
Diethyl Ether
Concen: 21.751 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 74 Resp: 10211
Ion Ratio Lower Upper
74 100
45 95.5 48.1 144.4

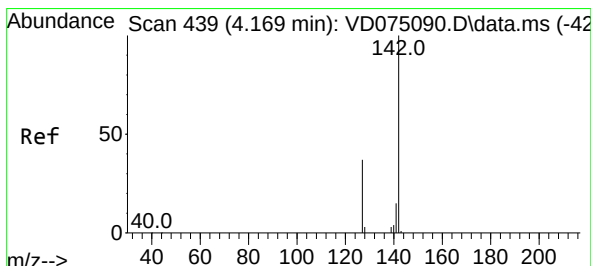
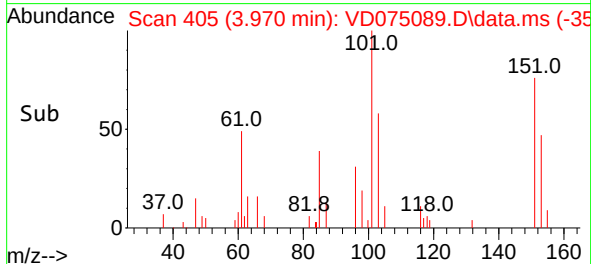
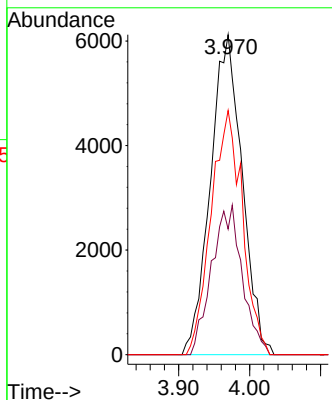
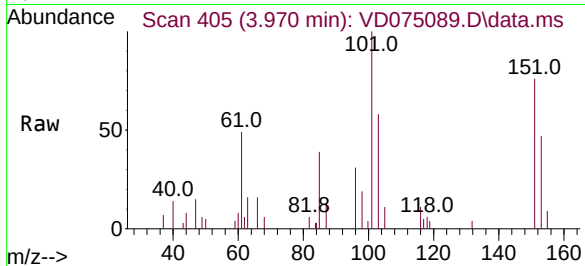




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.248 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
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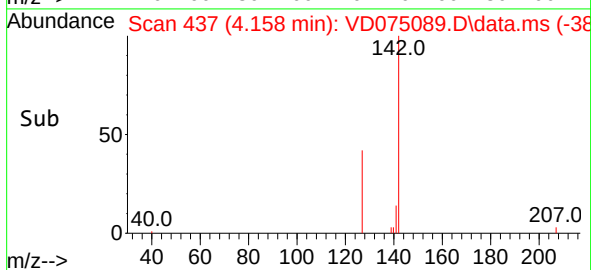
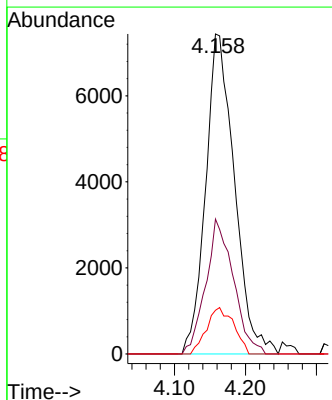
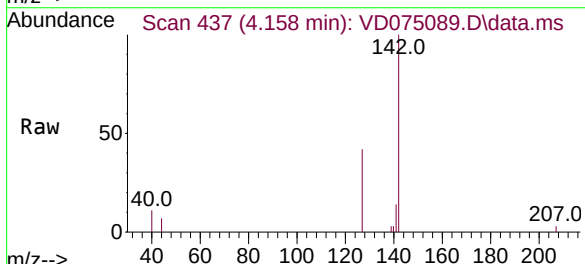
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

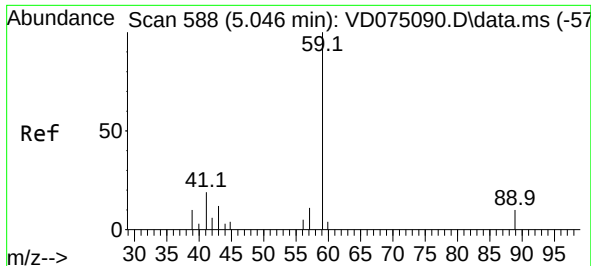
Tgt Ion:	101	Resp:	19002
Ion	Ratio	Lower	Upper
101	100		
85	44.9	34.8	52.2
151	75.2	61.8	92.6



#10
Methyl Iodide
Concen: 22.108 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.012 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion:	142	Resp:	20945
Ion	Ratio	Lower	Upper
142	100		
127	40.6	32.2	48.2
141	13.7	11.4	17.2

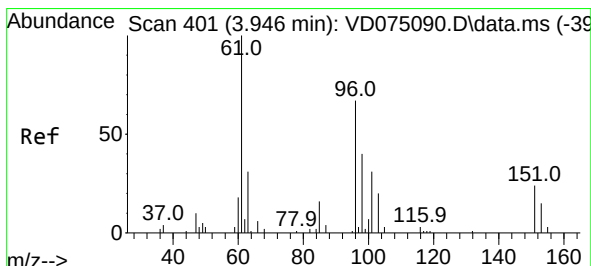
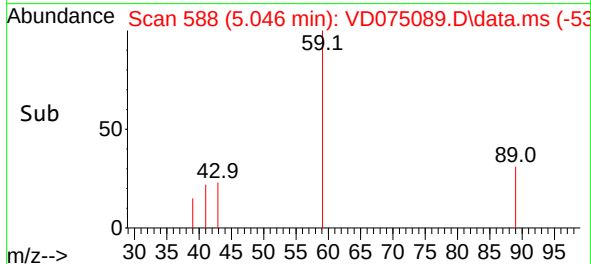
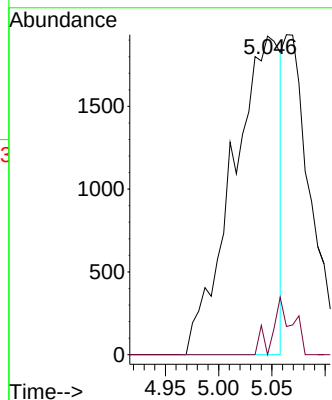
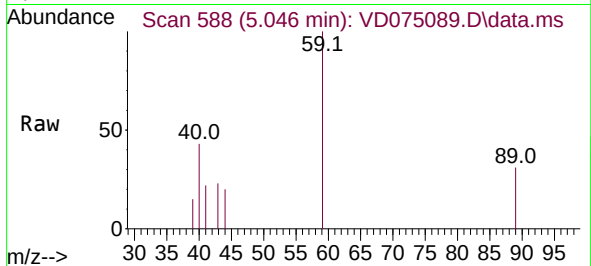




#11
Tert butyl alcohol
Concen: 101.007 ug/l
RT: 5.046 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

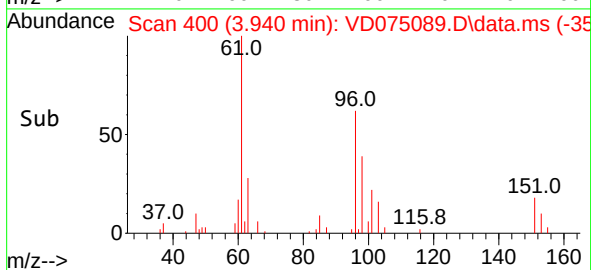
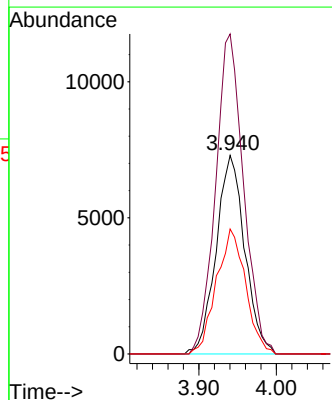
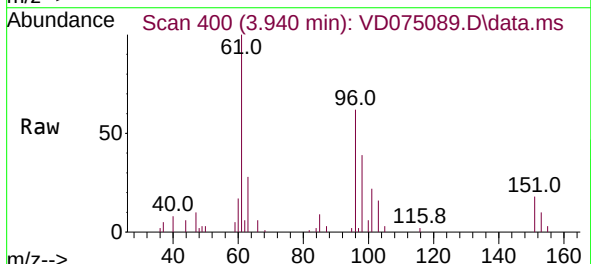
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

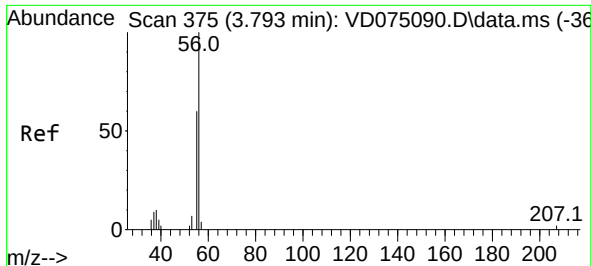
Tgt Ion: 59 Resp: 5971
Ion Ratio Lower Upper
59 100
57 7.5 6.1 9.1



#12
1,1-Dichloroethene
Concen: 21.538 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 96 Resp: 18744
Ion Ratio Lower Upper
96 100
61 161.1 119.8 179.6
98 63.0 47.7 71.5

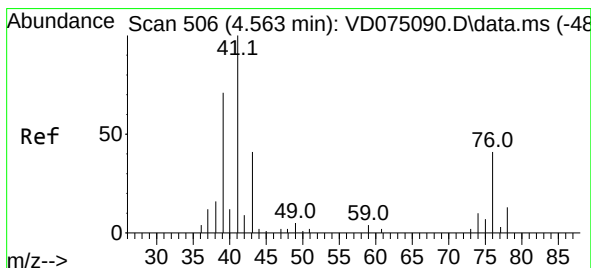
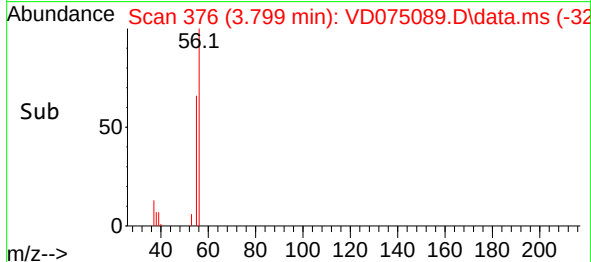
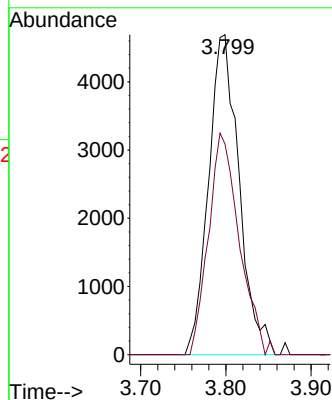
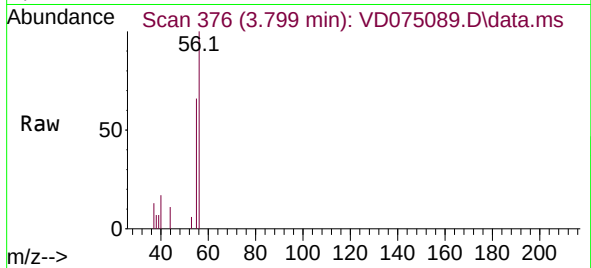




#13
Acrolein
Concen: 124.790 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

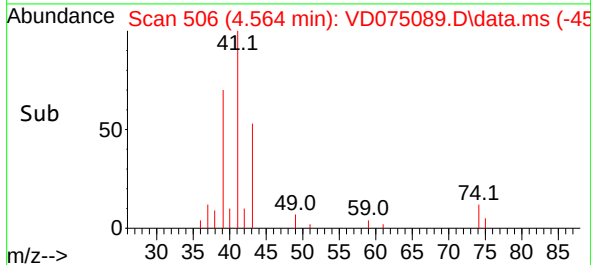
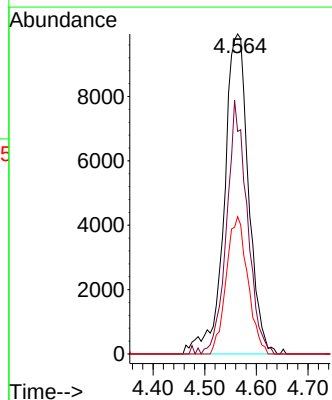
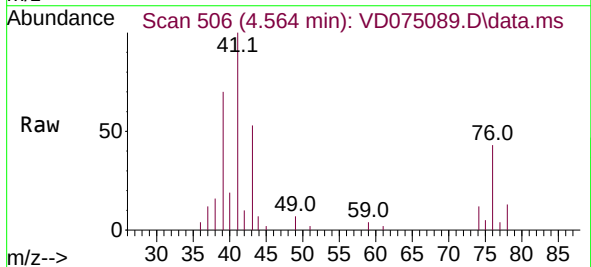
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

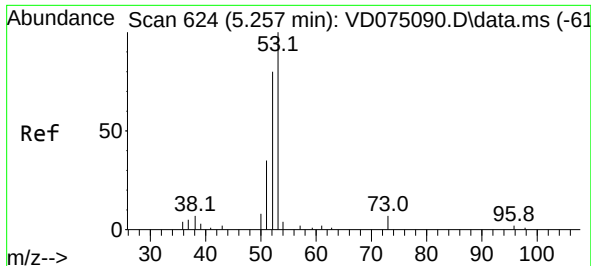
Tgt Ion: 56 Resp: 11683
Ion Ratio Lower Upper
56 100
55 69.8 55.0 82.6



#14
Allyl chloride
Concen: 21.790 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 41 Resp: 32464
Ion Ratio Lower Upper
41 100
39 67.1 55.6 83.4
76 38.0 30.2 45.2

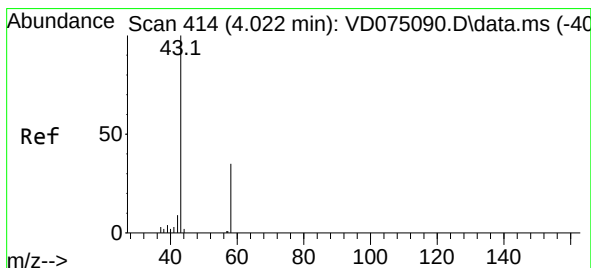
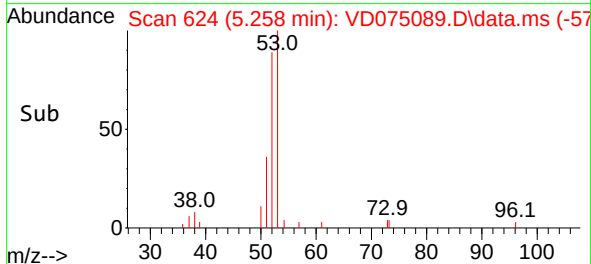
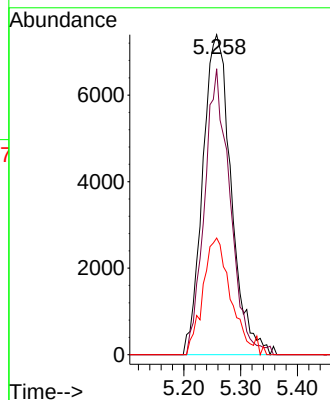
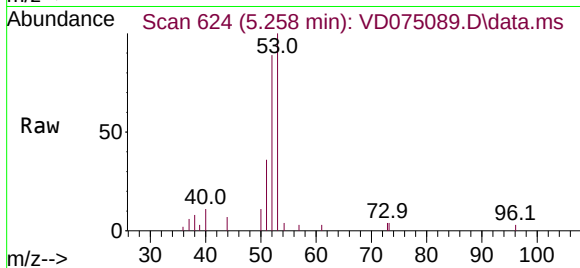




#15
Acrylonitrile
Concen: 106.273 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

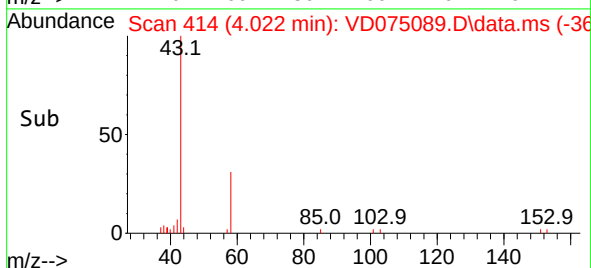
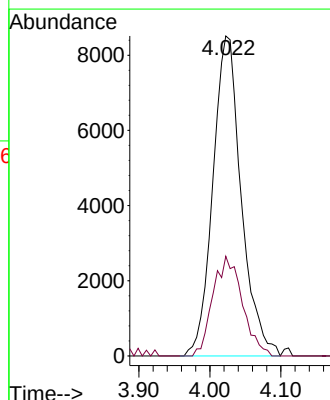
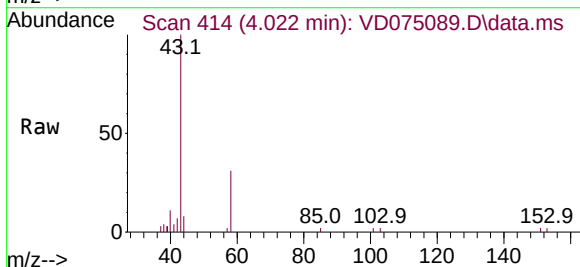
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

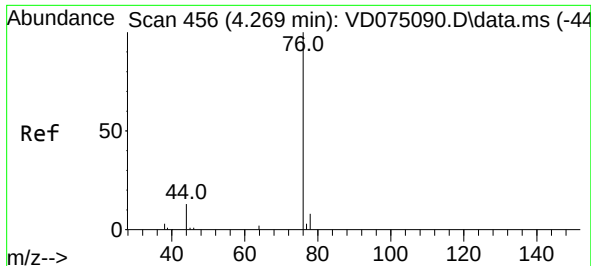
Tgt Ion:	53	Resp:	25719
Ion	Ratio	Lower	Upper
53	100		
52	80.2	65.1	97.7
51	36.2	28.2	42.2



#16
Acetone
Concen: 96.824 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion:	43	Resp:	23607
Ion	Ratio	Lower	Upper
43	100		
58	31.2	28.3	42.5

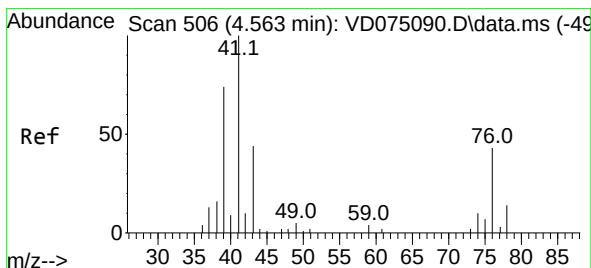
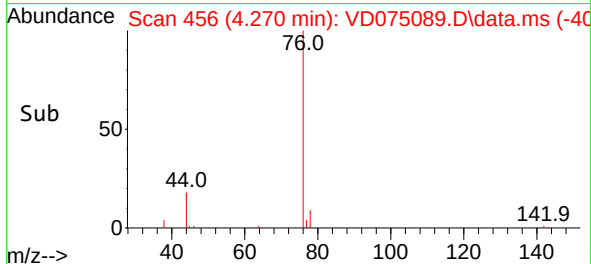
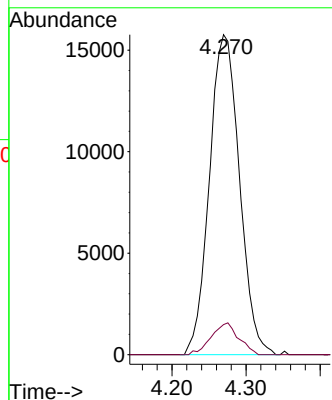
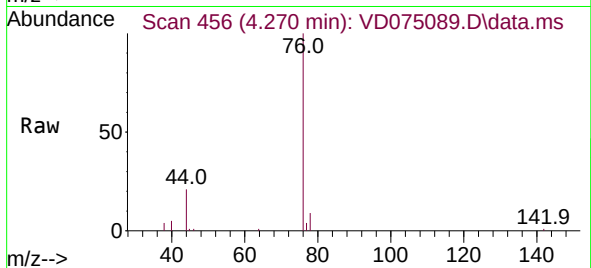




#17
Carbon Disulfide
Concen: 26.061 ug/l
RT: 4.270 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

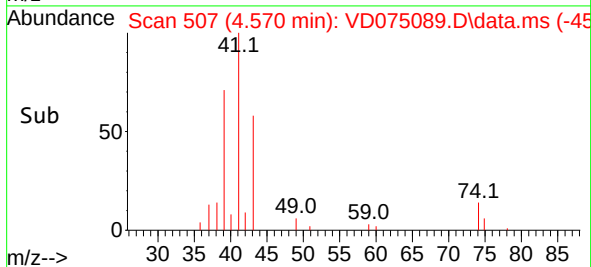
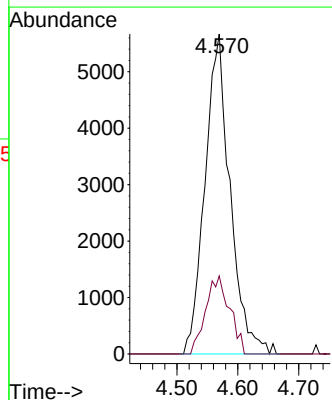
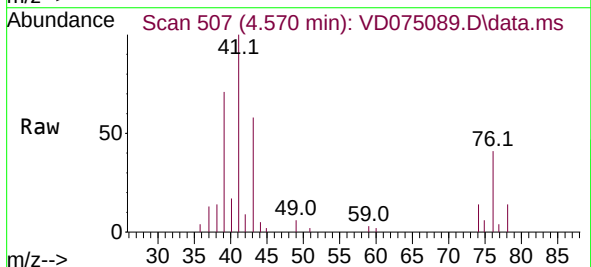
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

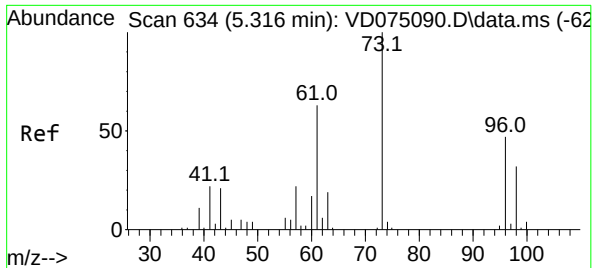
Tgt Ion: 76 Resp: 44402
Ion Ratio Lower Upper
76 100
78 9.4 6.3 9.5



#18
Methyl Acetate
Concen: 22.385 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 43 Resp: 16265
Ion Ratio Lower Upper
43 100
74 23.1 18.6 27.8

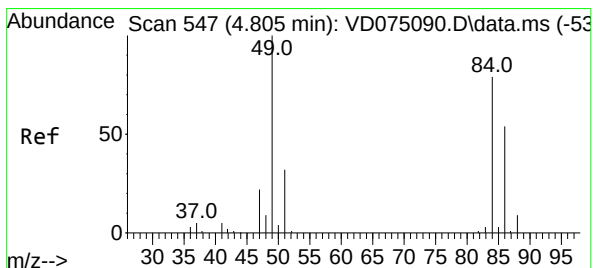
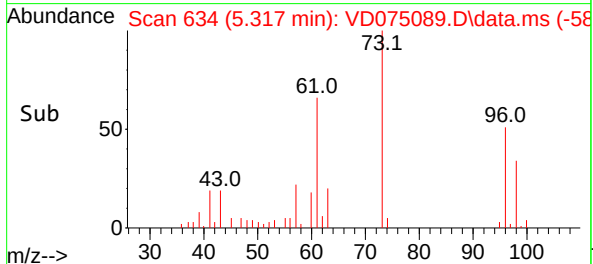
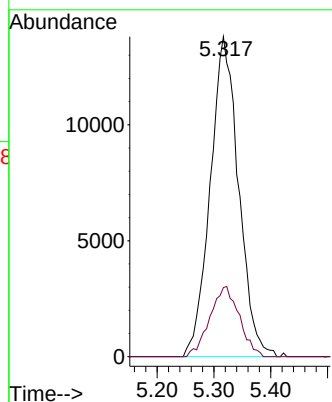
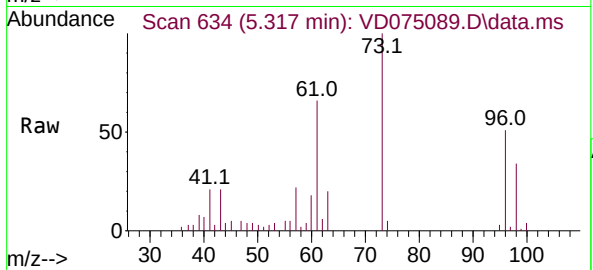




#19
Methyl tert-butyl Ether
Concen: 21.006 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

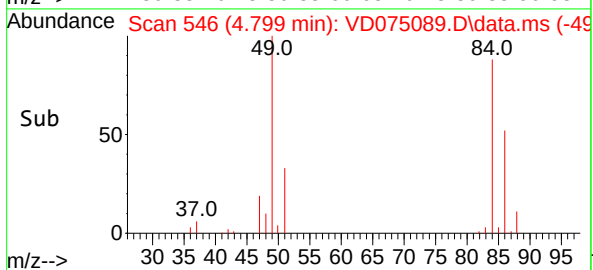
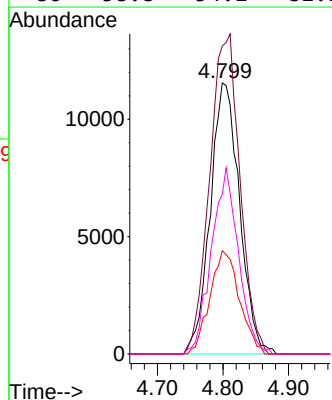
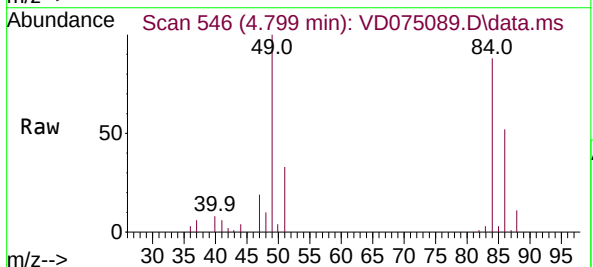
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

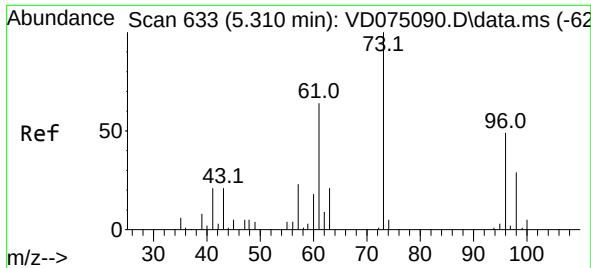
Tgt Ion: 73 Resp: 47881
Ion Ratio Lower Upper
73 100
57 21.6 18.0 27.0



#20
Methylene Chloride
Concen: 20.664 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 84 Resp: 35761
Ion Ratio Lower Upper
84 100
49 113.6 100.6 151.0
51 38.1 31.8 47.8
86 58.8 54.1 81.1

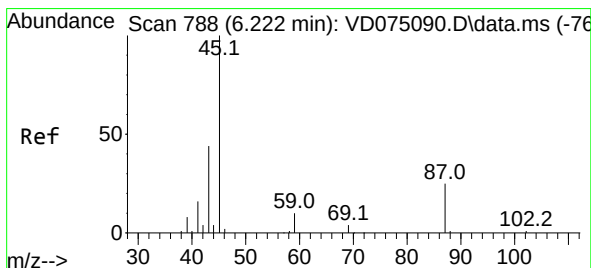
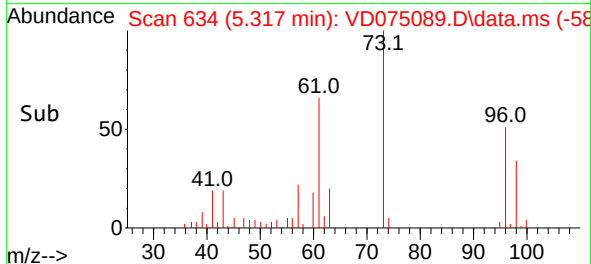
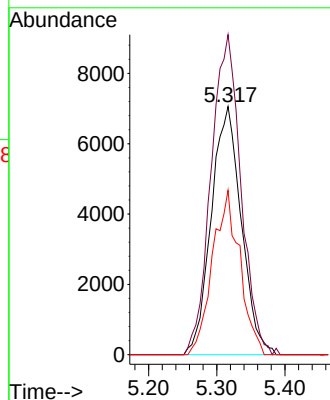
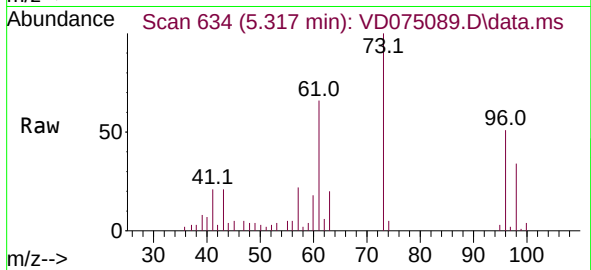




#21
trans-1,2-Dichloroethene
Concen: 22.672 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

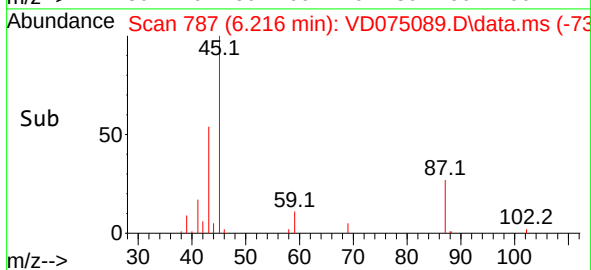
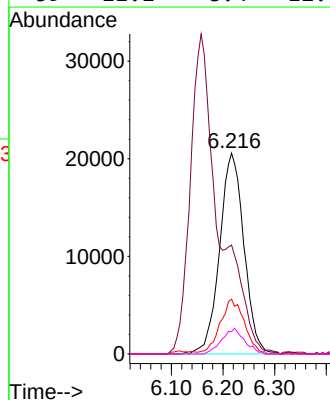
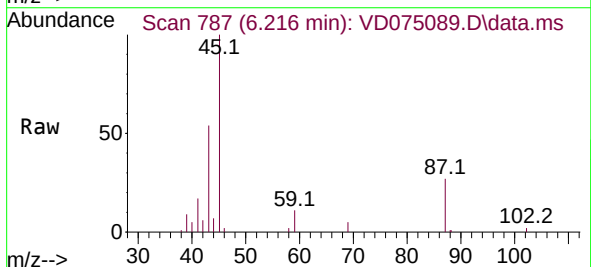
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

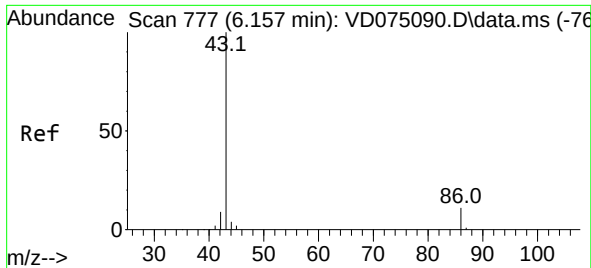
Tgt Ion: 96 Resp: 21635
Ion Ratio Lower Upper
96 100
61 129.0 104.8 157.2
98 66.2 47.7 71.5



#22
Diisopropyl ether
Concen: 21.059 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 45 Resp: 67153
Ion Ratio Lower Upper
45 100
43 54.3 39.5 59.3
87 27.3 20.8 31.2
59 11.1 8.4 12.6

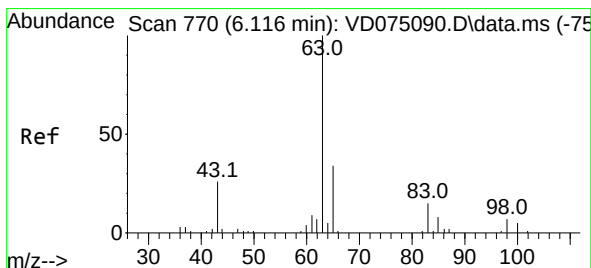
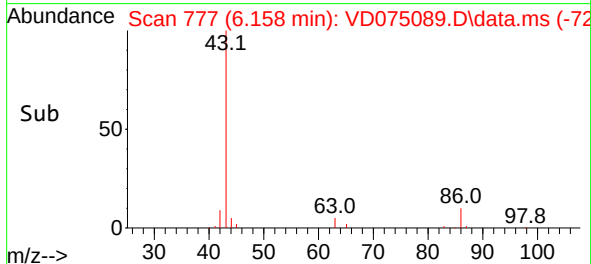
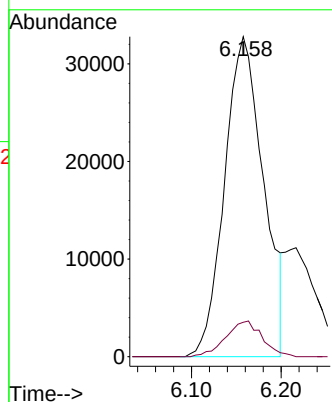
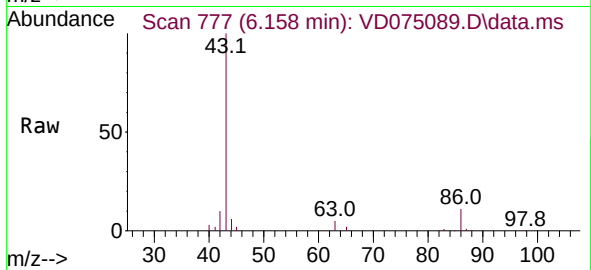




#23
 Vinyl Acetate
 Concen: 100.005 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD075089.D
 Acq: 09 Jan 2023 12:59

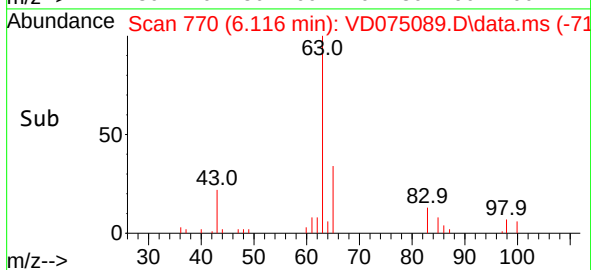
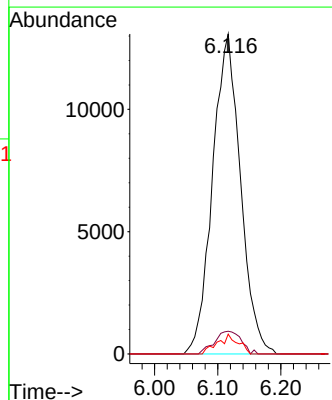
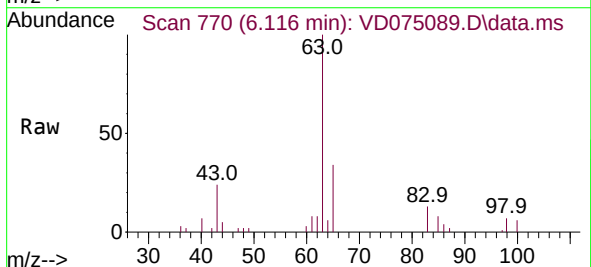
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

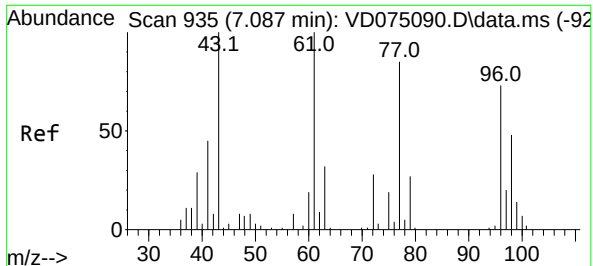
Tgt Ion: 43 Resp: 98684
 Ion Ratio Lower Upper
 43 100
 86 10.7 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 20.963 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD075089.D
 Acq: 09 Jan 2023 12:59

Tgt Ion: 63 Resp: 40200
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 6.2 2.5 7.4





#25

2-Butanone

Concen: 102.725 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

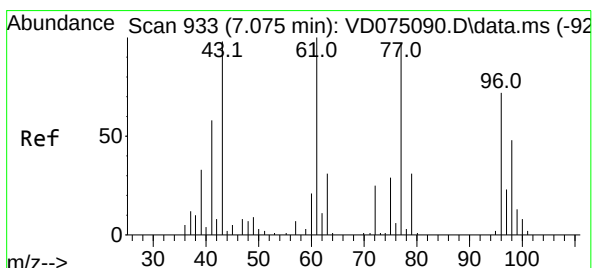
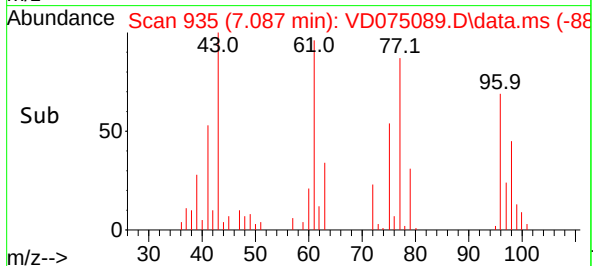
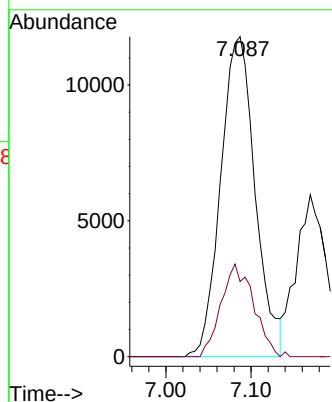
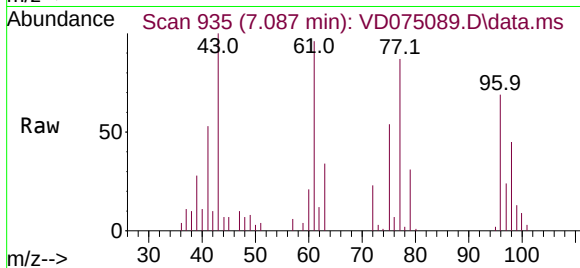
VSTDIC020

Tgt Ion: 43 Resp: 33177

Ion Ratio Lower Upper

43 100

72 23.5 22.6 33.8



#26

2,2-Dichloropropane

Concen: 20.798 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD075089.D

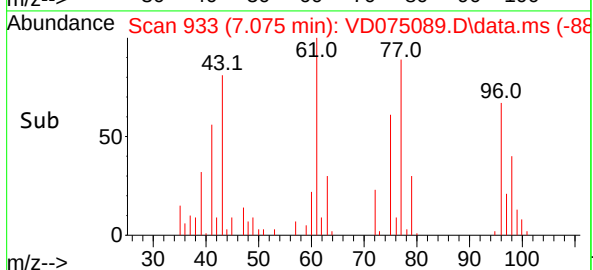
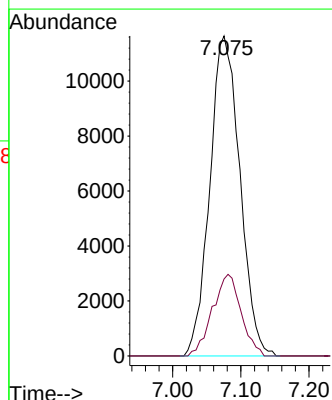
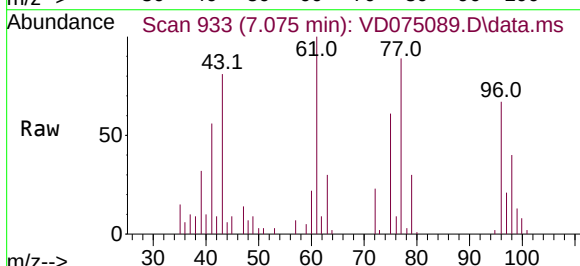
Acq: 09 Jan 2023 12:59

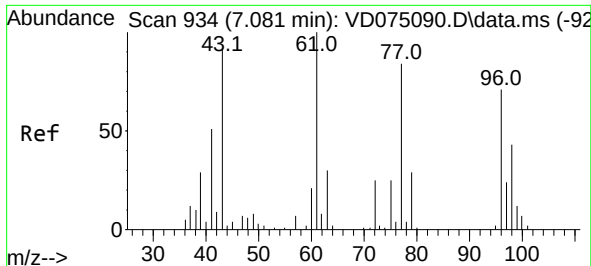
Tgt Ion: 77 Resp: 35769

Ion Ratio Lower Upper

77 100

97 24.2 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 21.081 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

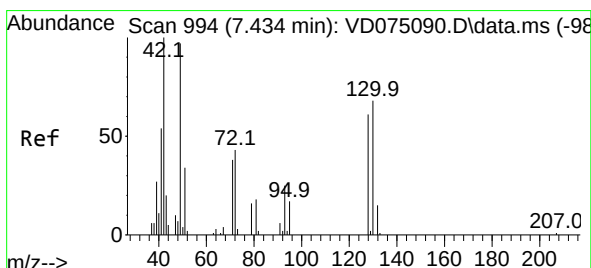
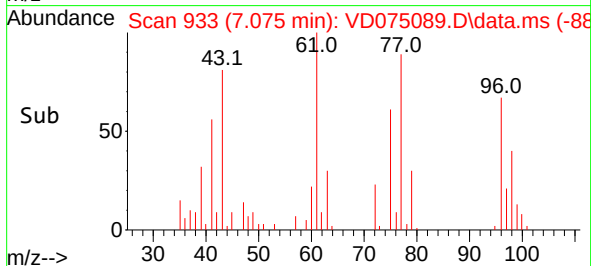
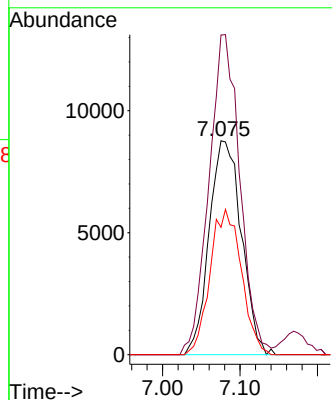
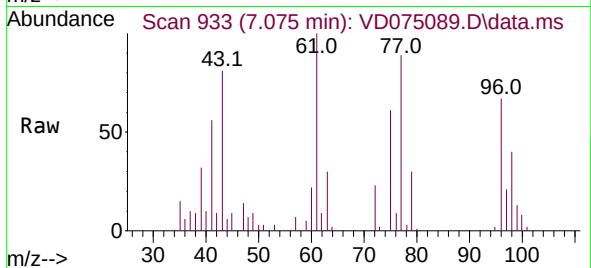
Tgt Ion: 96 Resp: 25398

Ion Ratio Lower Upper

96 100

61 143.4 0.0 282.4

98 65.9 0.0 126.2



#28

Bromochloromethane

Concen: 21.438 ug/l

RT: 7.428 min Scan# 993

Delta R.T. -0.006 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

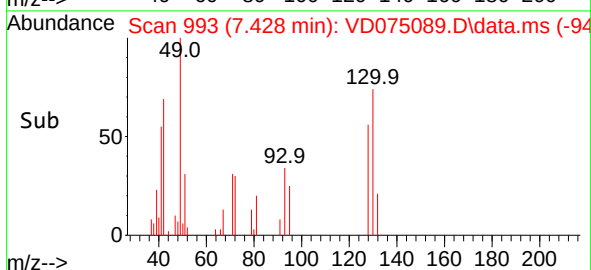
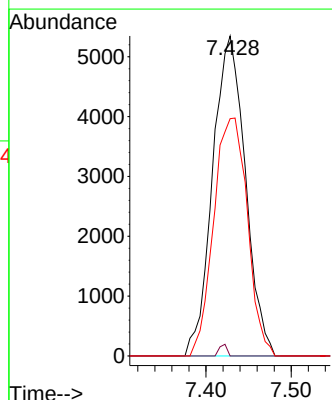
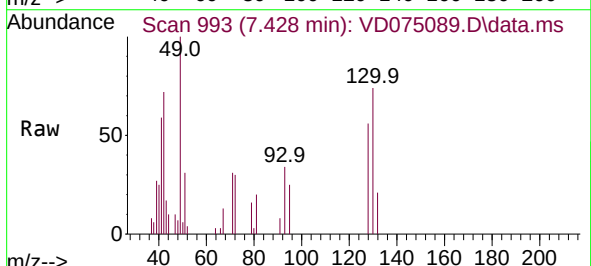
Tgt Ion: 49 Resp: 14259

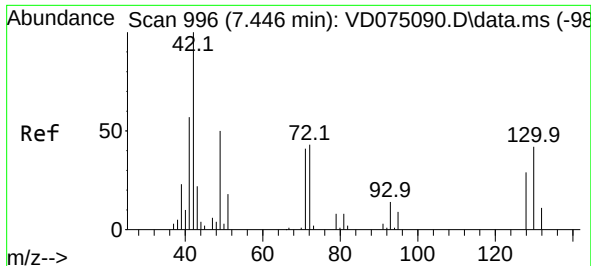
Ion Ratio Lower Upper

49 100

129 0.9 0.0 2.6

130 76.5 60.3 90.5





#29

Tetrahydrofuran

Concen: 111.318 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

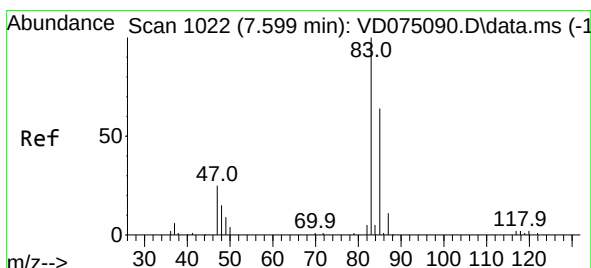
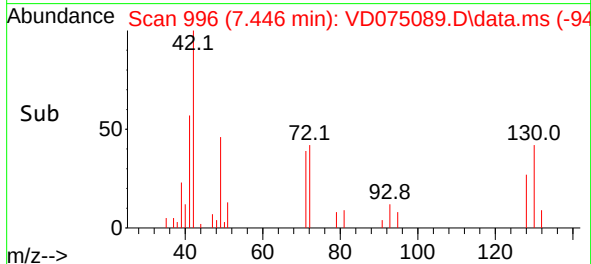
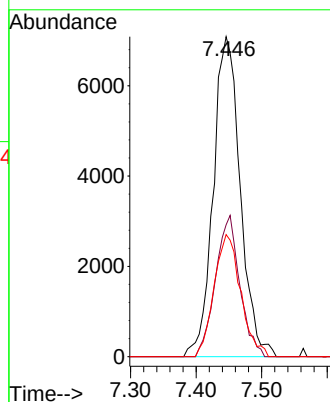
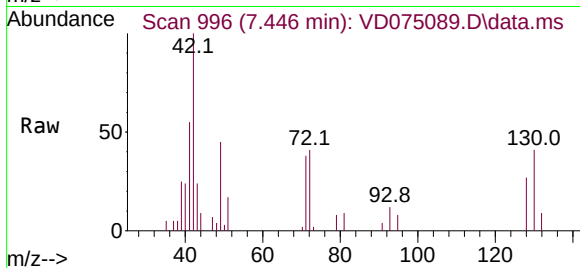
Tgt Ion: 42 Resp: 20226

Ion Ratio Lower Upper

42 100

72 39.7 34.3 51.5

71 37.5 31.2 46.8



#30

Chloroform

Concen: 20.683 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD075089.D

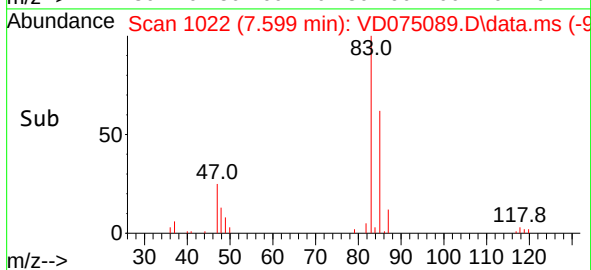
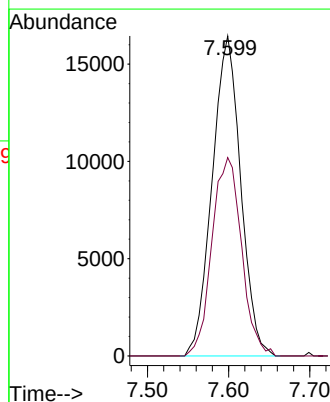
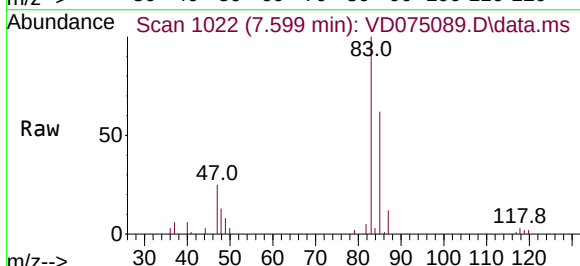
Acq: 09 Jan 2023 12:59

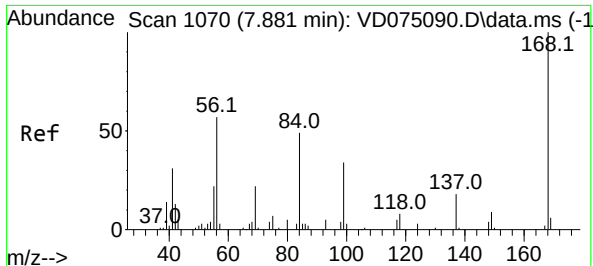
Tgt Ion: 83 Resp: 40191

Ion Ratio Lower Upper

83 100

85 62.0 51.3 76.9

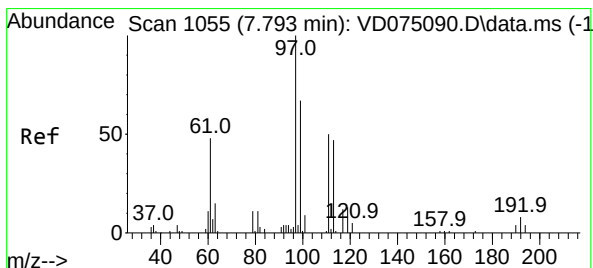
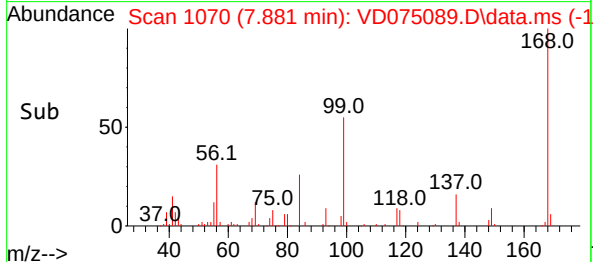
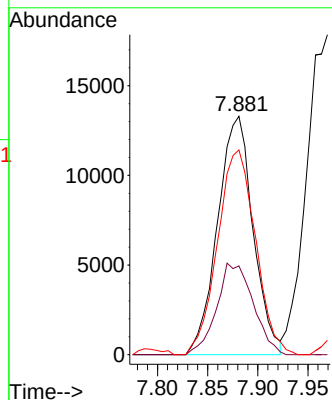
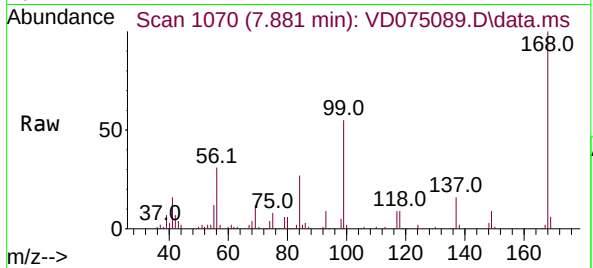




#31
Cyclohexane
Concen: 21.546 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

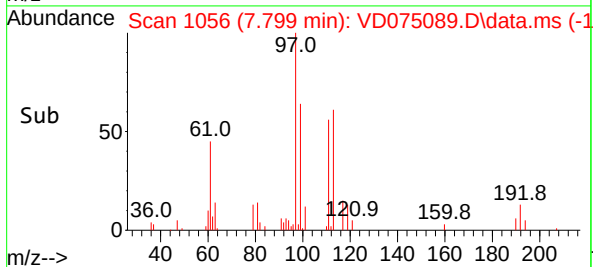
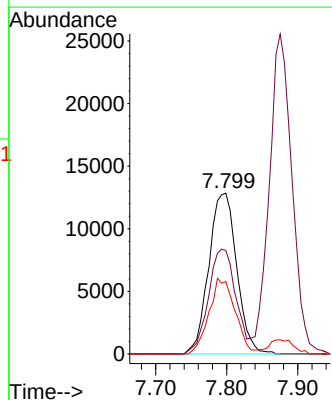
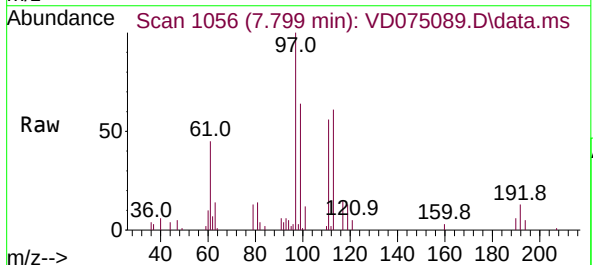
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

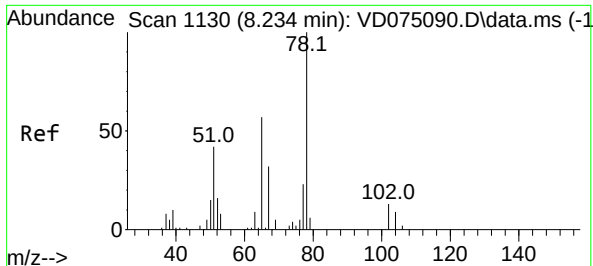
Tgt Ion: 56 Resp: 32729
Ion Ratio Lower Upper
56 100
69 37.3 30.4 45.6
84 85.9 68.6 102.8



#32
1,1,1-Trichloroethane
Concen: 20.996 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 97 Resp: 35009
Ion Ratio Lower Upper
97 100
99 63.4 52.3 78.5
61 44.0 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 21.385 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

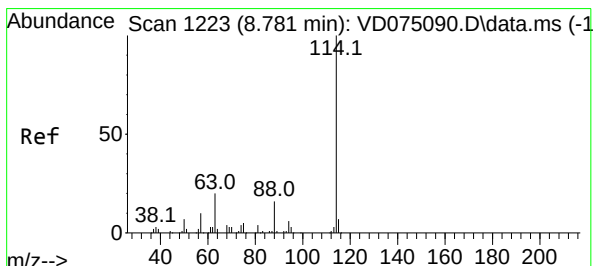
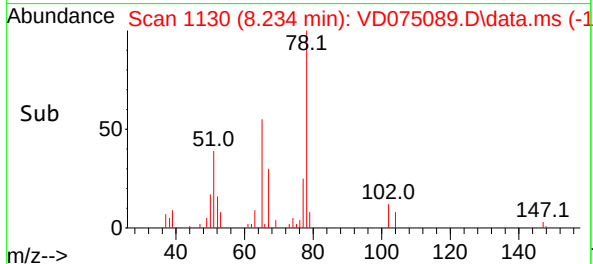
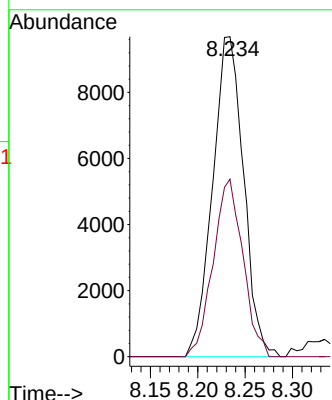
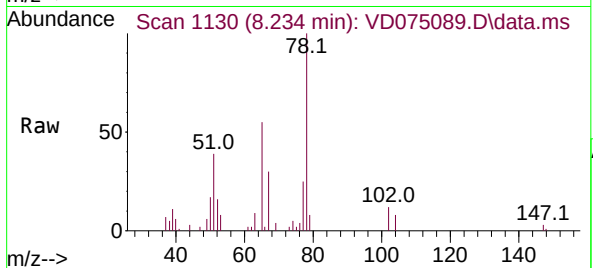
VSTDICC020

Tgt Ion: 65 Resp: 22005

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

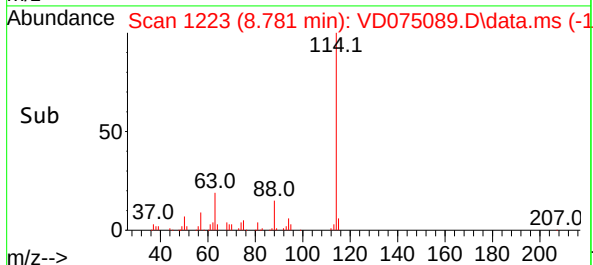
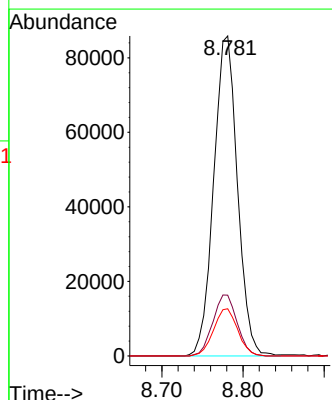
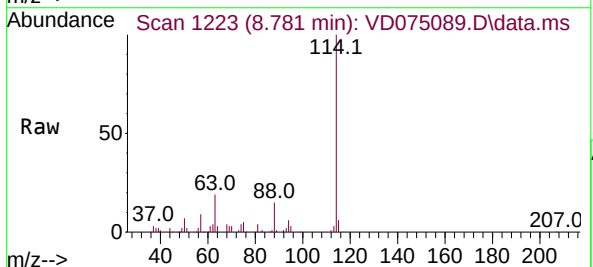
Tgt Ion: 114 Resp: 174519

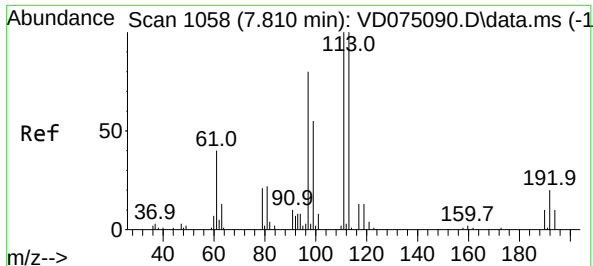
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 14.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 20.153 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

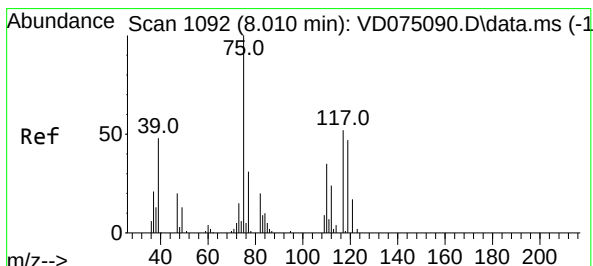
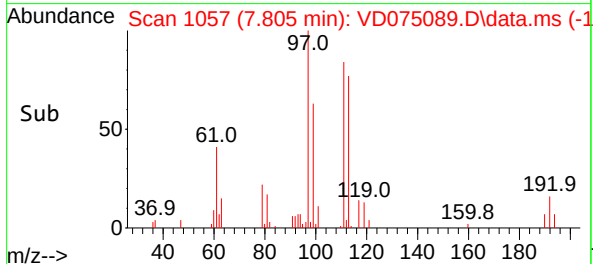
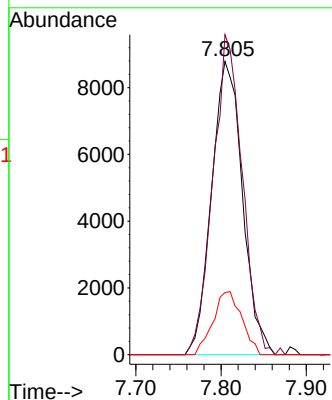
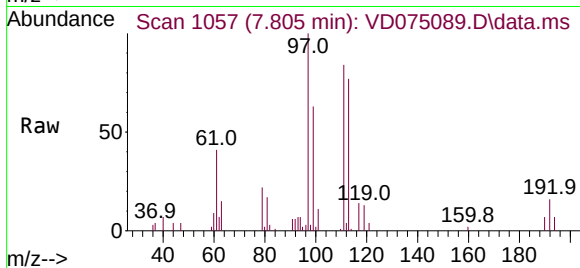
Tgt Ion:113 Resp: 22123

Ion Ratio Lower Upper

113 100

111 103.7 83.2 124.8

192 19.9 15.0 22.6



#36

1,1-Dichloropropene

Concen: 21.382 ug/l

RT: 8.011 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

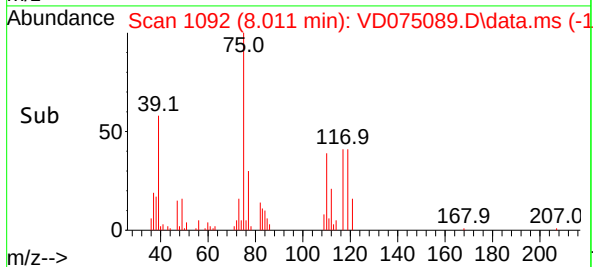
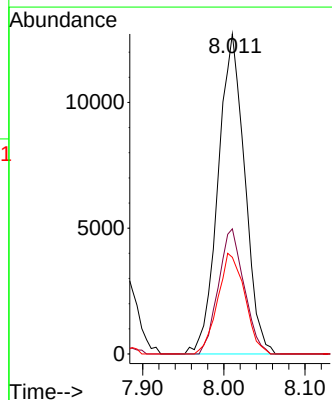
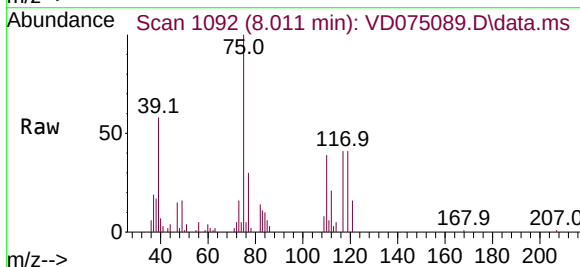
Tgt Ion: 75 Resp: 29041

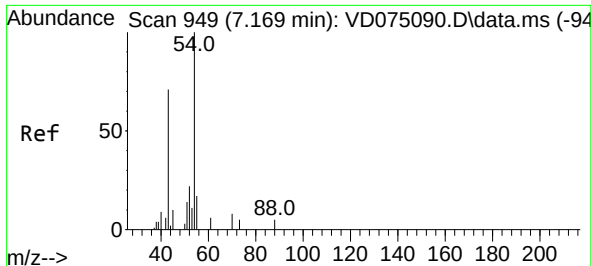
Ion Ratio Lower Upper

75 100

110 37.6 18.8 56.3

77 31.9 25.3 37.9

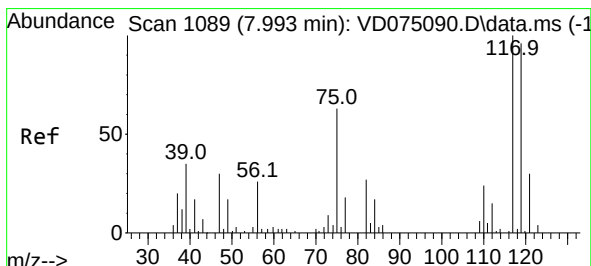
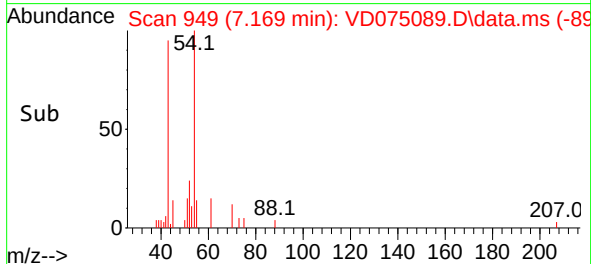
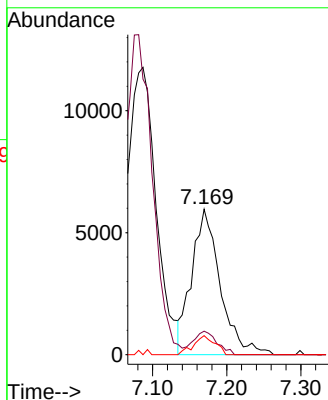
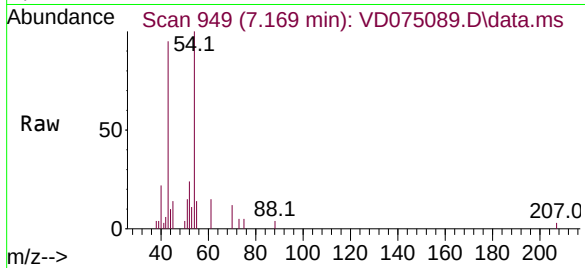




#37
Ethyl Acetate
Concen: 21.062 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

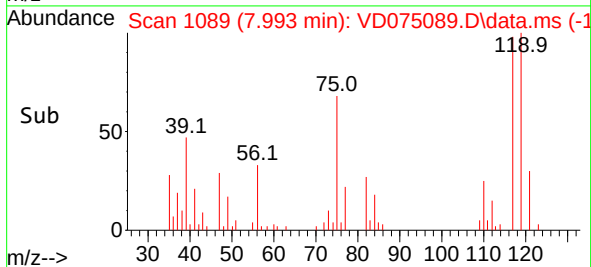
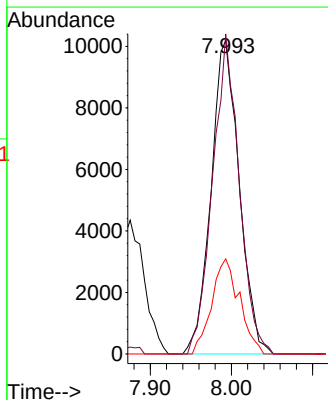
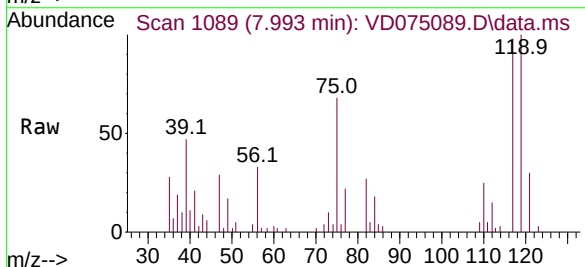
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

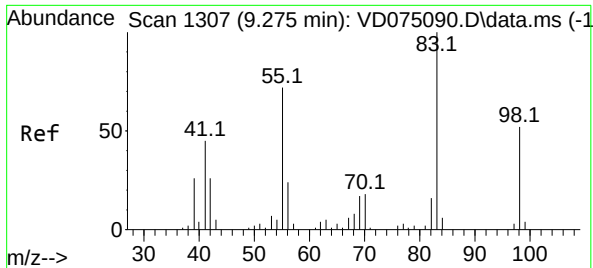
Tgt Ion: 43 Resp: 15983
Ion Ratio Lower Upper
43 100
61 13.5 11.4 17.2
70 9.7 8.4 12.6



#38
Carbon Tetrachloride
Concen: 20.667 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 117 Resp: 24592
Ion Ratio Lower Upper
117 100
119 102.1 76.8 115.2
121 30.3 23.8 35.8





#39

Methylcyclohexane

Concen: 22.568 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

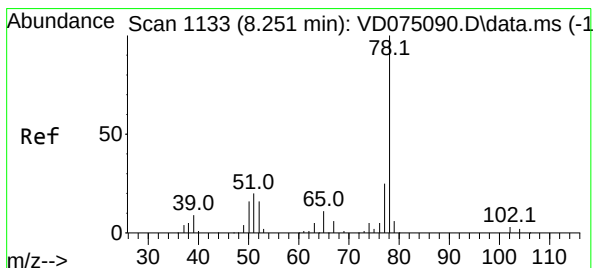
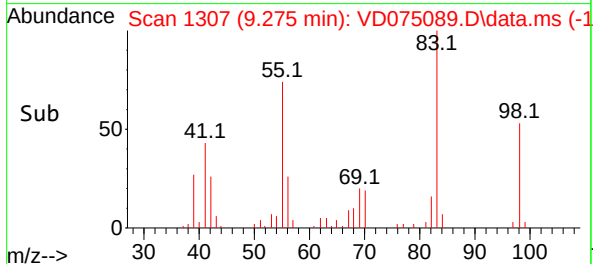
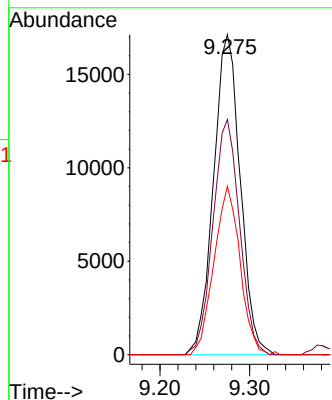
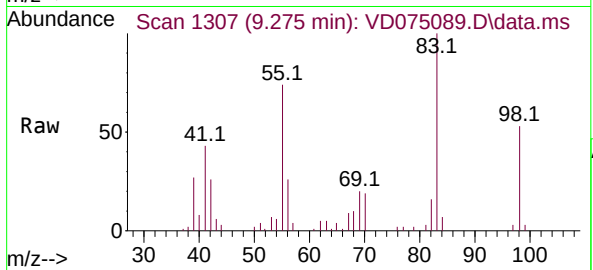
Tgt Ion: 83 Resp: 35453

Ion Ratio Lower Upper

83 100

55 73.5 57.6 86.4

98 52.6 41.4 62.0



#40

Benzene

Concen: 21.571 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD075089.D

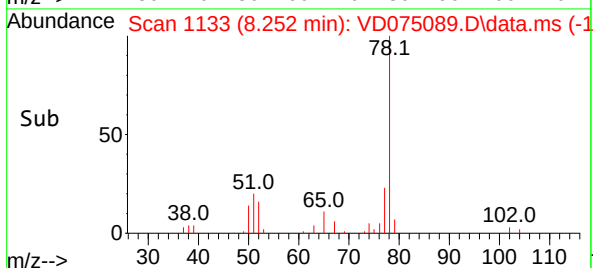
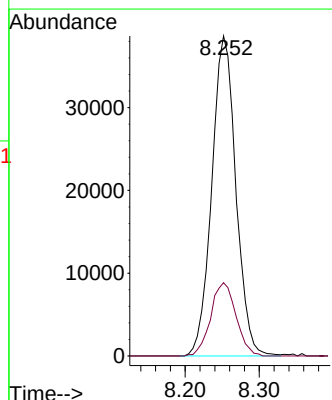
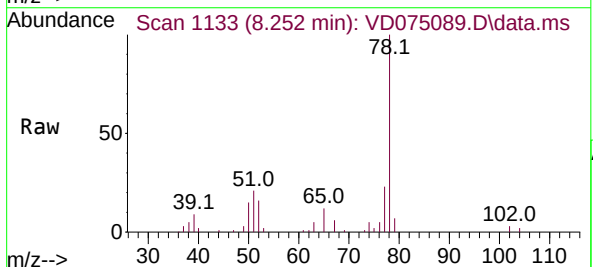
Acq: 09 Jan 2023 12:59

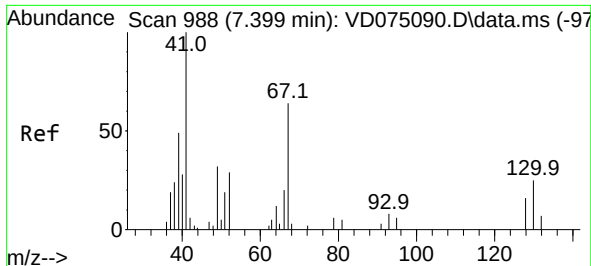
Tgt Ion: 78 Resp: 87411

Ion Ratio Lower Upper

78 100

77 22.9 20.4 30.6



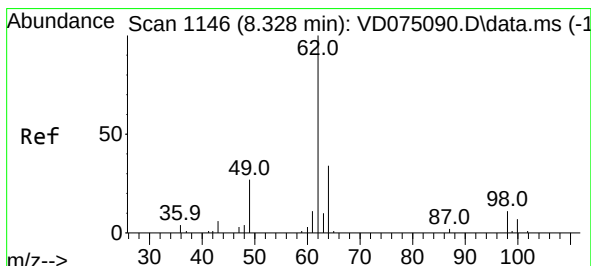
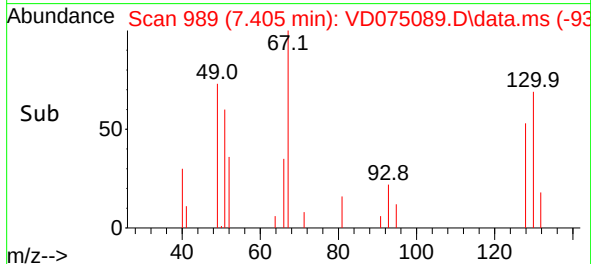
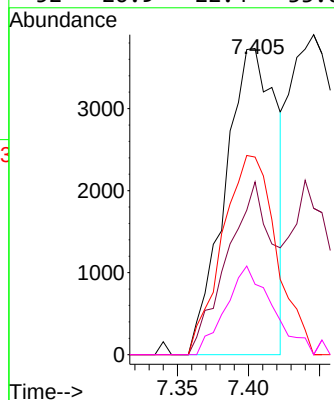
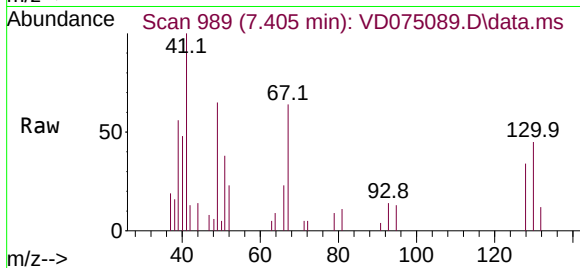


#41
Methacrylonitrile
Concen: 21.372 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 9415

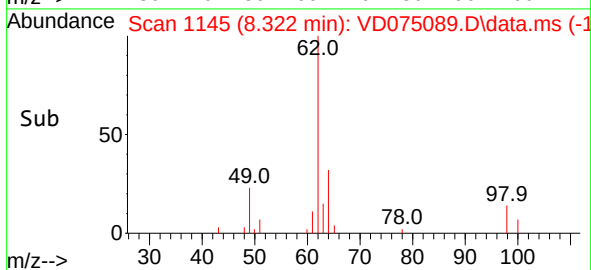
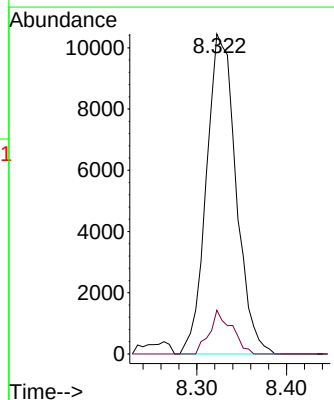
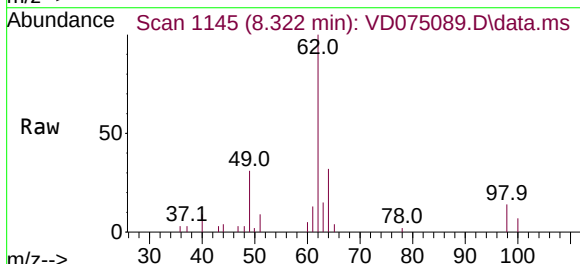
Ion	Ratio	Lower	Upper
41	100		
39	50.0	48.2	72.2
67	68.3	53.1	79.7
52	26.9	22.4	33.6

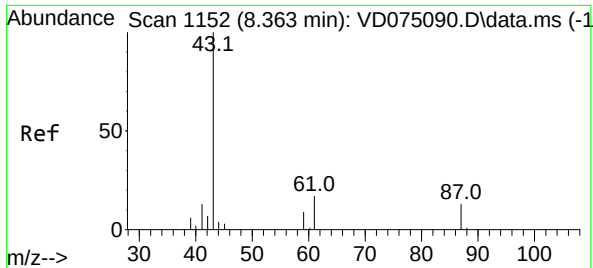


#42
1,2-Dichloroethane
Concen: 21.096 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 62 Resp: 23958

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.4

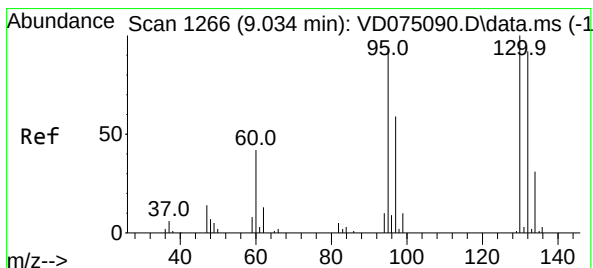
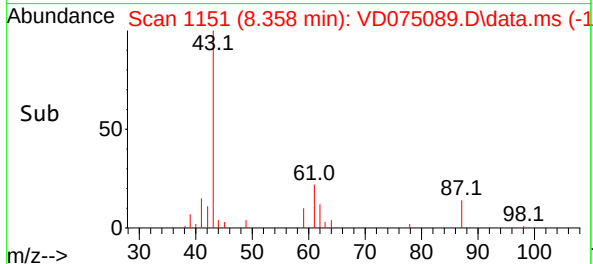
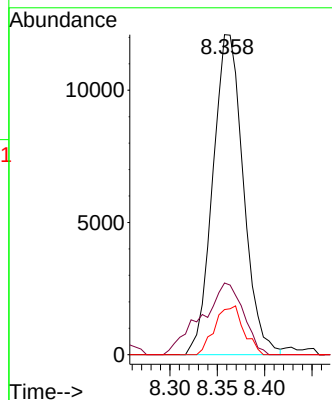
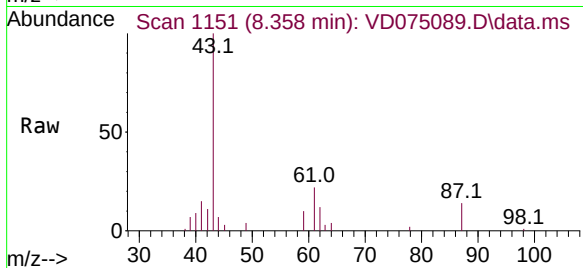




#43
Isopropyl Acetate
Concen: 20.788 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

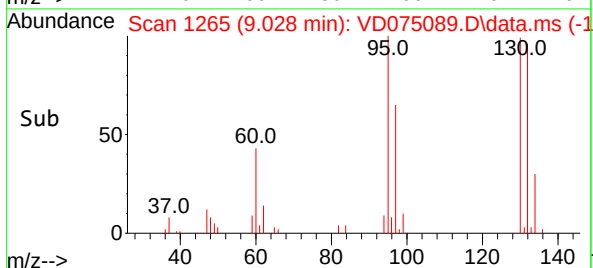
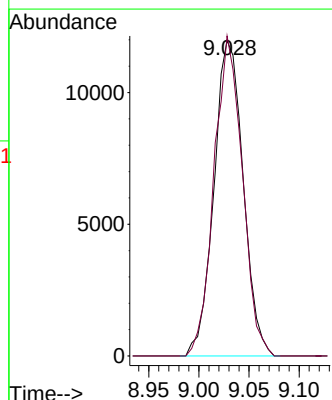
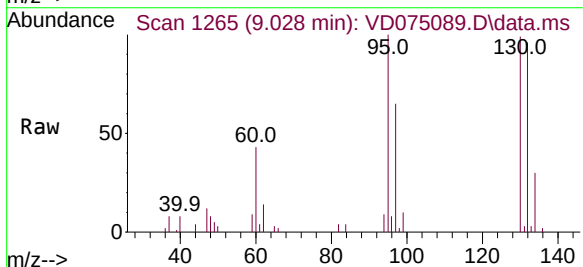
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

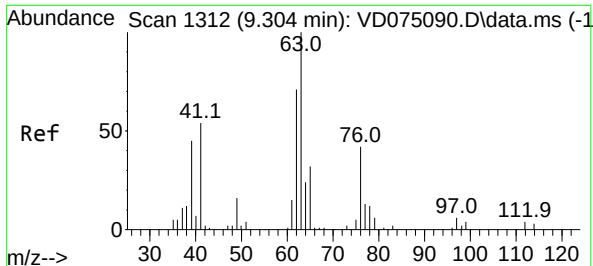
Tgt Ion:	43	Resp:	27170
Ion	Ratio	Lower	Upper
43	100		
61	30.7	23.2	34.8
87	14.3	10.6	16.0



#44
Trichloroethene
Concen: 20.846 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion:	130	Resp:	24279
Ion	Ratio	Lower	Upper
130	100		
95	101.5	0.0	186.6





#45

1,2-Dichloropropane

Concen: 20.824 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

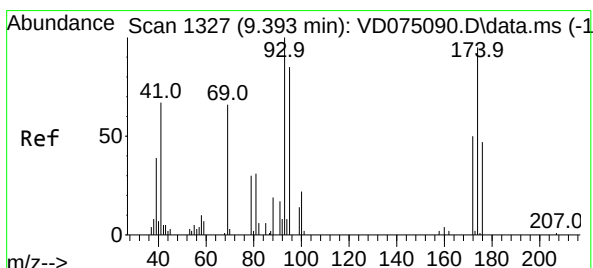
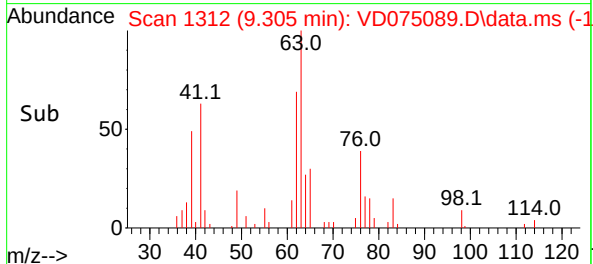
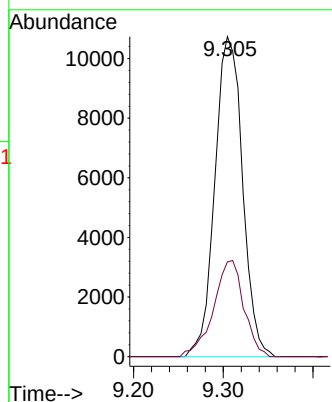
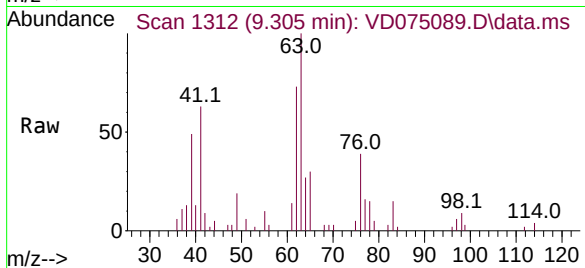
VSTDIC020

Tgt Ion: 63 Resp: 22994

Ion Ratio Lower Upper

63 100

65 29.6 25.2 37.8



#46

Dibromomethane

Concen: 22.245 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

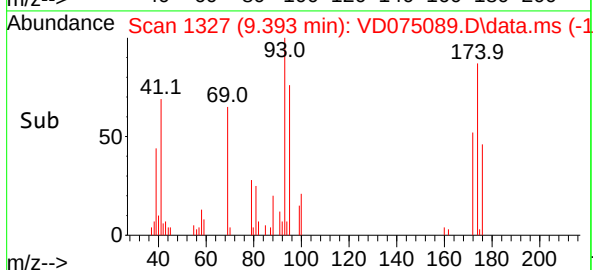
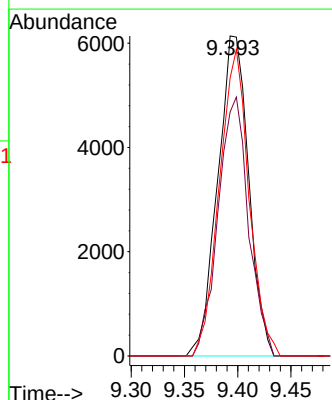
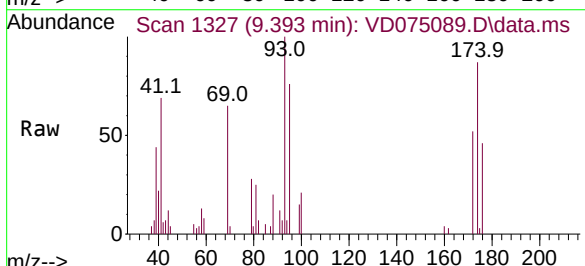
Tgt Ion: 93 Resp: 12414

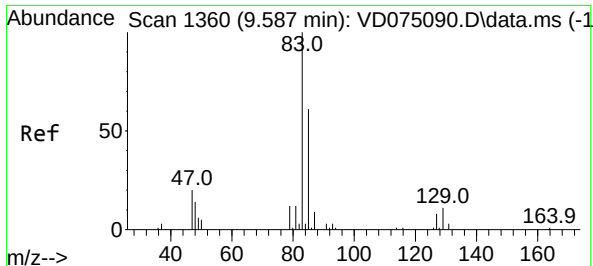
Ion Ratio Lower Upper

93 100

95 79.3 66.7 100.1

174 91.8 76.8 115.2

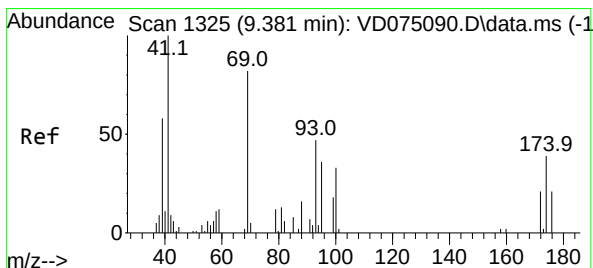
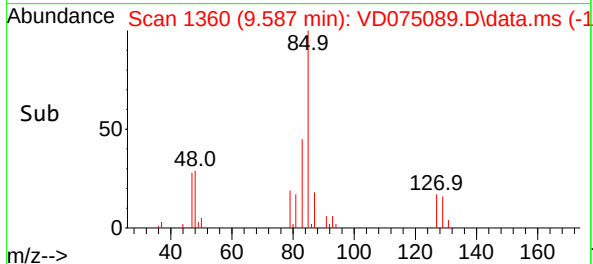
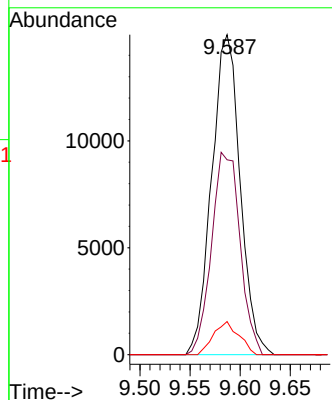
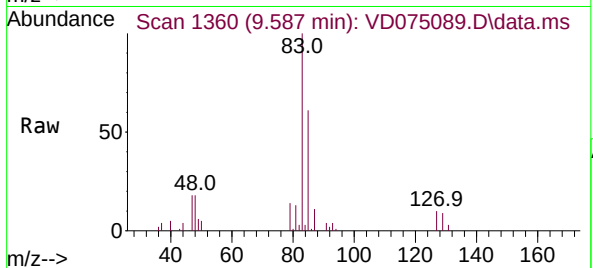




#47
Bromodichloromethane
Concen: 20.236 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

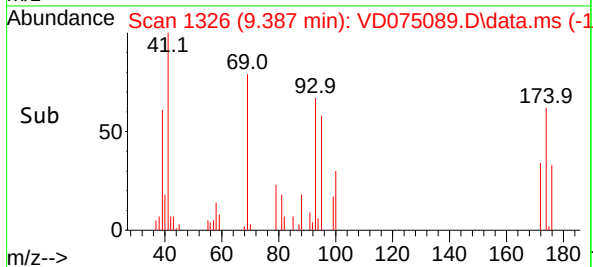
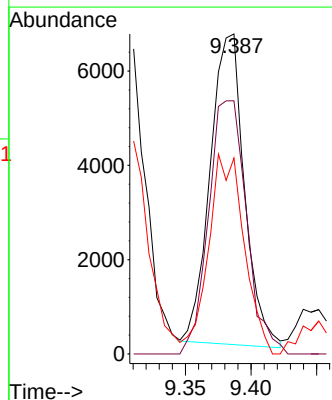
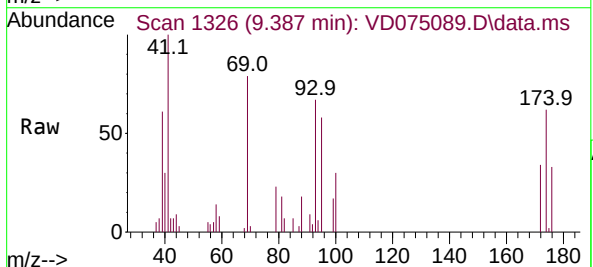
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

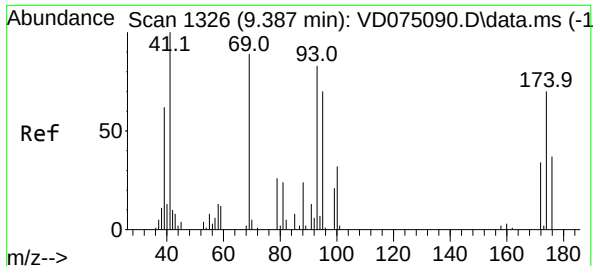
Tgt Ion: 83 Resp: 29490
Ion Ratio Lower Upper
83 100
85 60.9 48.8 73.2
127 10.3 6.6 9.8#



#48
Methyl methacrylate
Concen: 20.267 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 41 Resp: 11935
Ion Ratio Lower Upper
41 100
69 90.7 72.4 108.6
39 66.9 50.6 76.0





#49

1,4-Dioxane

Concen: 424.675 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.006 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

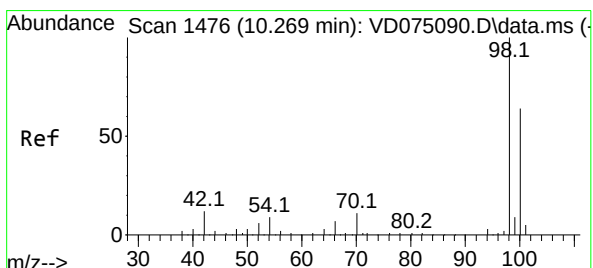
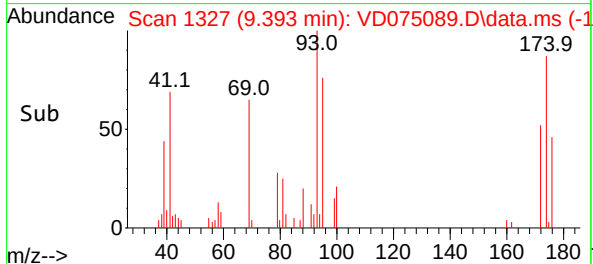
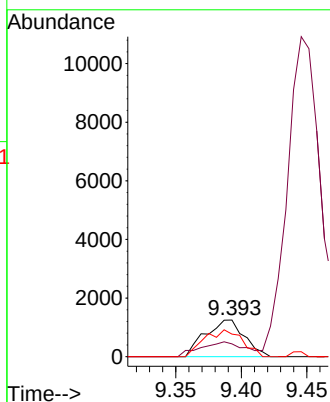
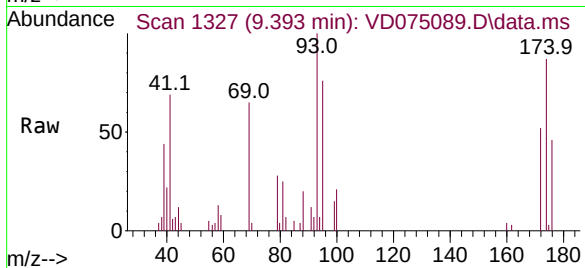
Tgt Ion: 88 Resp: 2581

Ion Ratio Lower Upper

88 100

43 45.2 27.4 41.2#

58 71.9 48.6 73.0



#50

Toluene-d8

Concen: 20.398 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075089.D

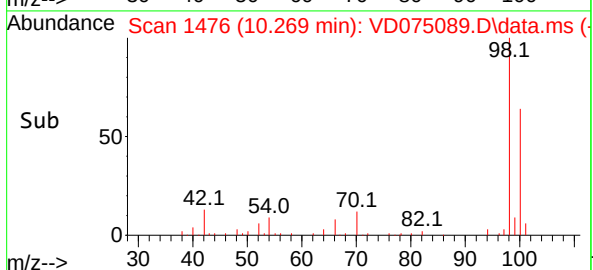
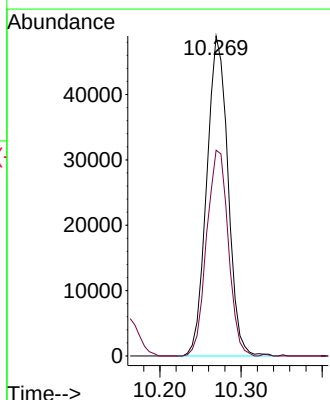
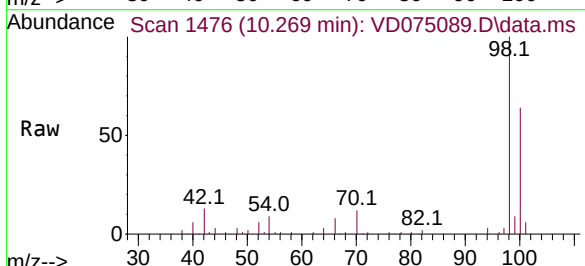
Acq: 09 Jan 2023 12:59

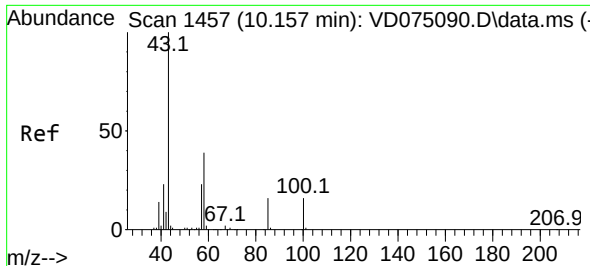
Tgt Ion: 98 Resp: 88788

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6

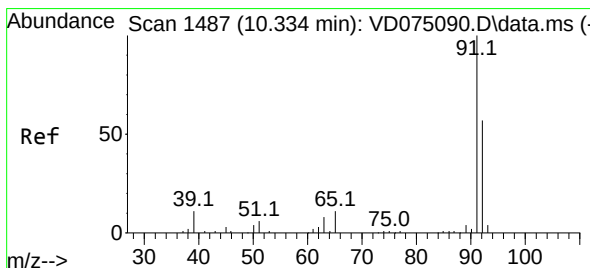
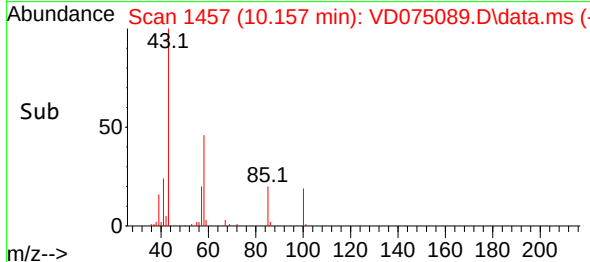
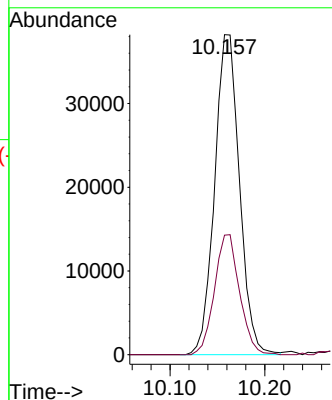
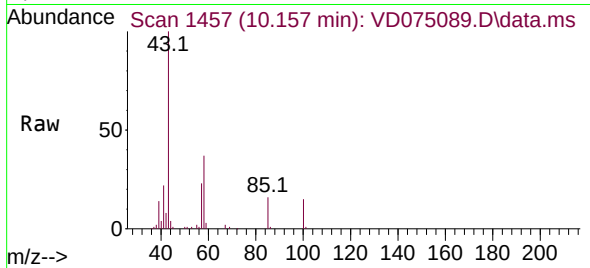




#51
4-Methyl-2-Pentanone
Concen: 105.521 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

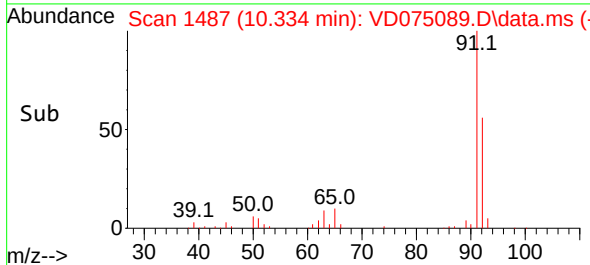
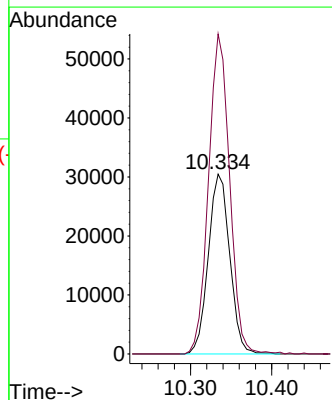
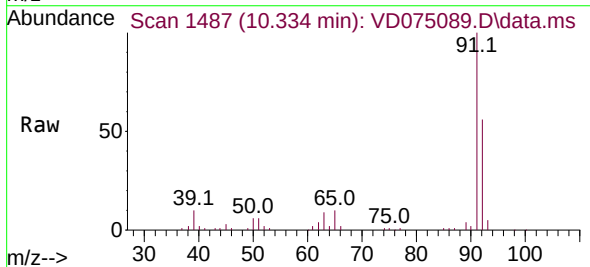
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

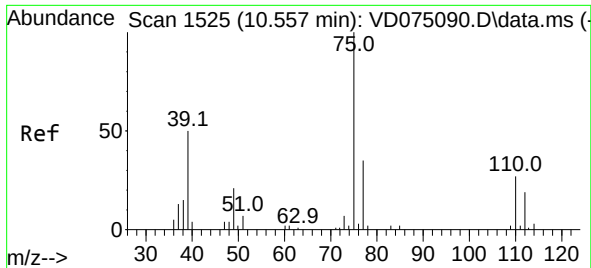
Tgt Ion: 43 Resp: 69643
Ion Ratio Lower Upper
43 100
58 37.8 31.0 46.4



#52
Toluene
Concen: 21.300 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 92 Resp: 55959
Ion Ratio Lower Upper
92 100
91 174.9 140.1 210.1

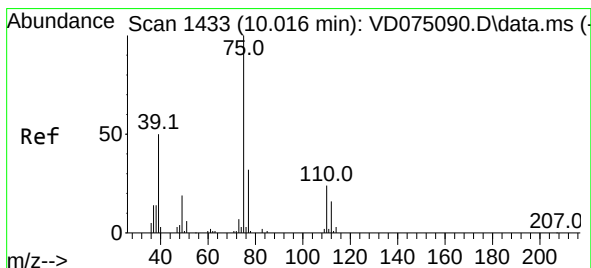
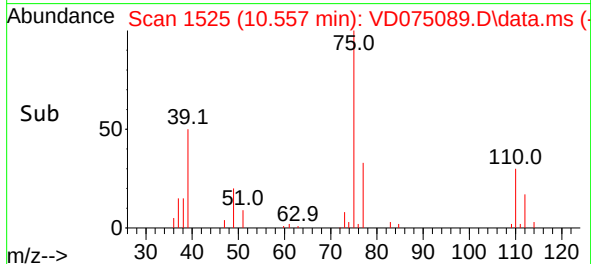
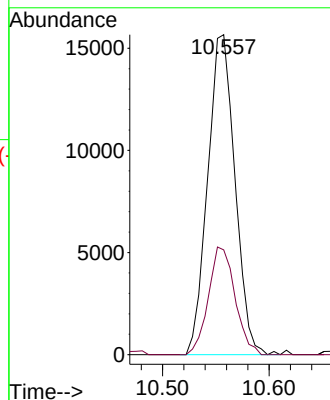
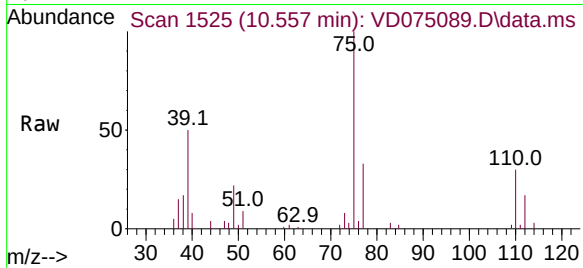




#53
t-1,3-Dichloropropene
Concen: 20.922 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

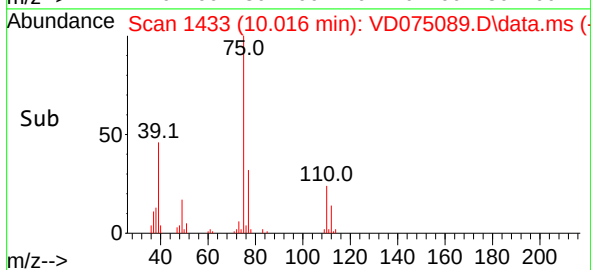
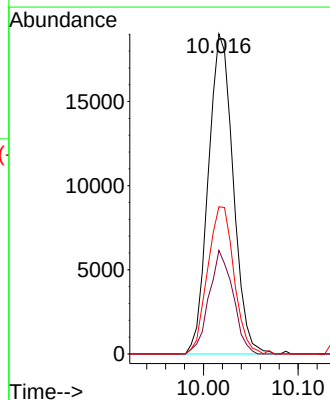
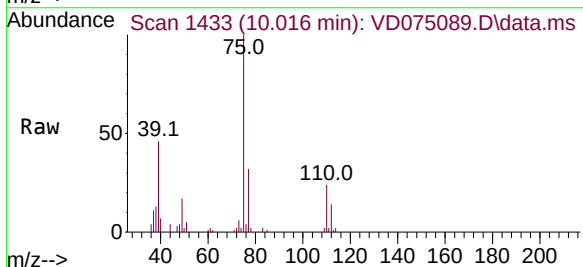
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

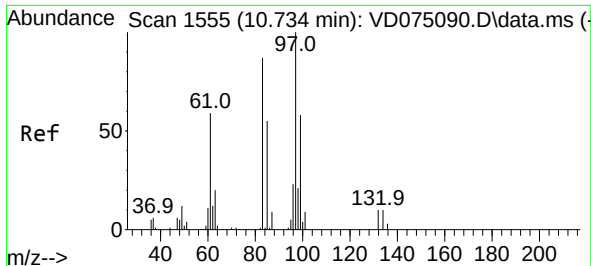
Tgt Ion: 75 Resp: 27867
Ion Ratio Lower Upper
75 100
77 32.8 27.6 41.4



#54
cis-1,3-Dichloropropene
Concen: 21.261 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 75 Resp: 34685
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3
39 46.0 40.3 60.5

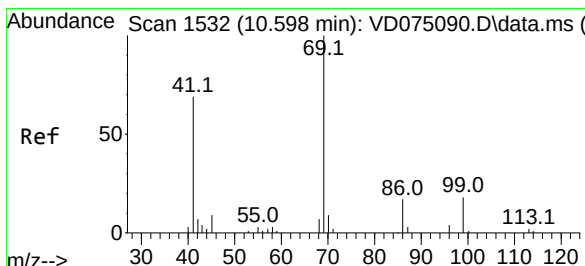
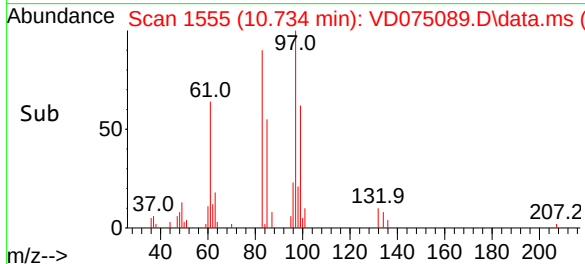
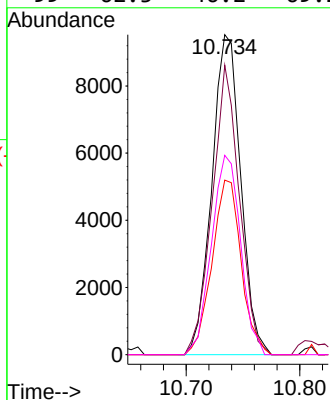
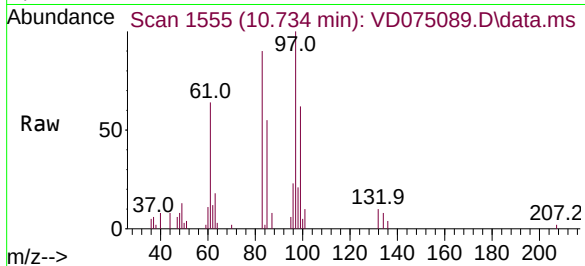




#55
1,1,2-Trichloroethane
Concen: 20.739 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

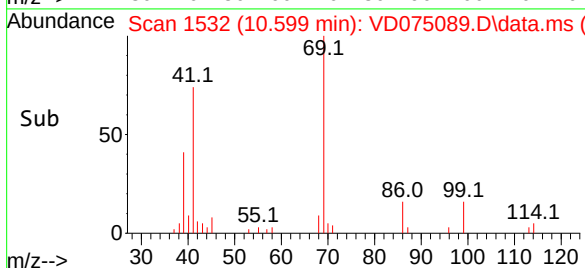
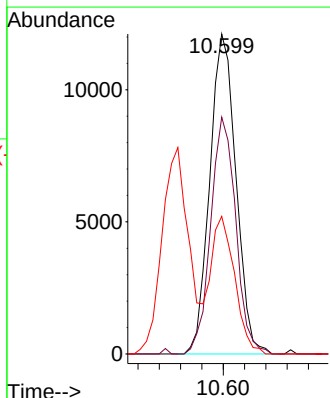
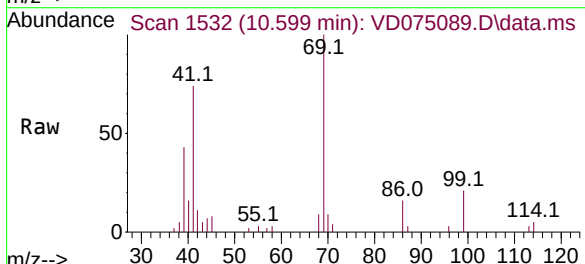
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

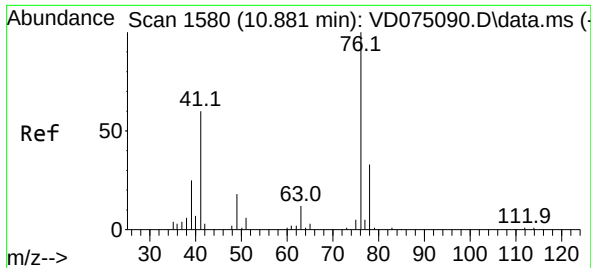
Tgt Ion: 97	Resp: 16856
Ion Ratio	Lower Upper
97 100	
83 90.4	69.4 104.2
85 54.6	43.8 65.8
99 62.3	46.2 69.2



#56
Ethyl methacrylate
Concen: 21.074 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 69	Resp: 20690
Ion Ratio	Lower Upper
69 100	
41 71.0	54.4 81.6
39 38.7	30.6 45.8





#57

1,3-Dichloropropane

Concen: 20.887 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

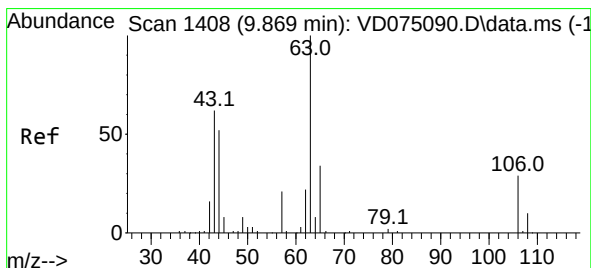
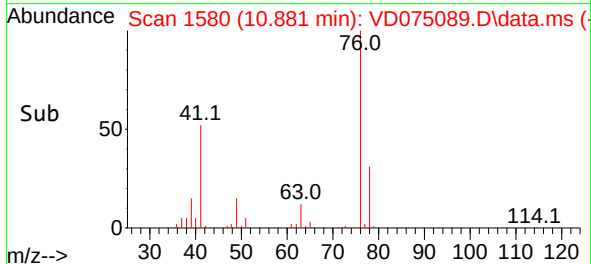
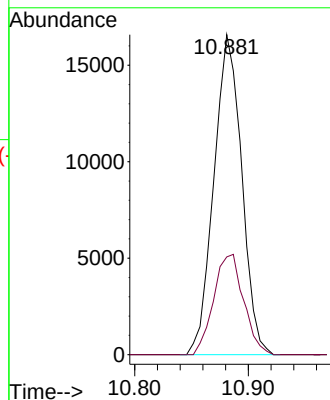
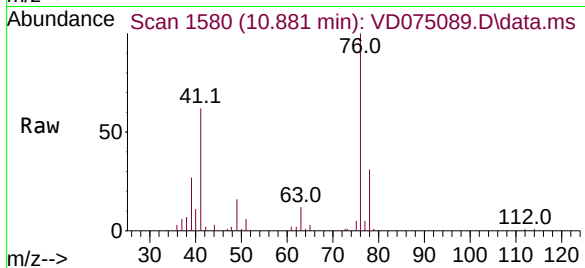
VSTDIC020

Tgt Ion: 76 Resp: 28201

Ion Ratio Lower Upper

76 100

78 33.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 112.237 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD075089.D

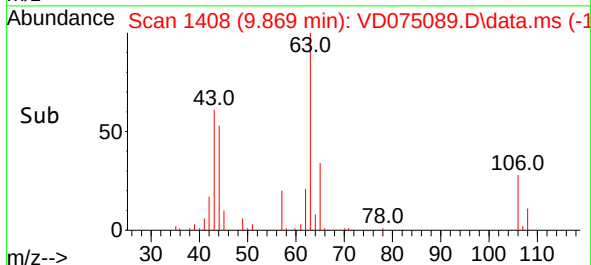
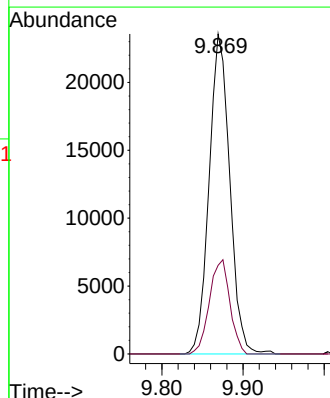
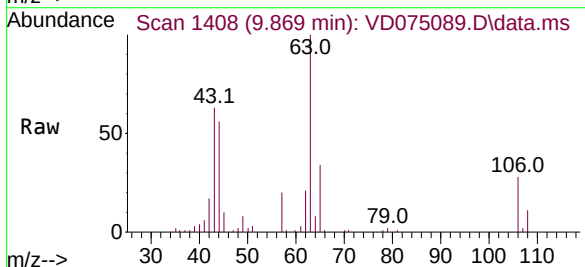
Acq: 09 Jan 2023 12:59

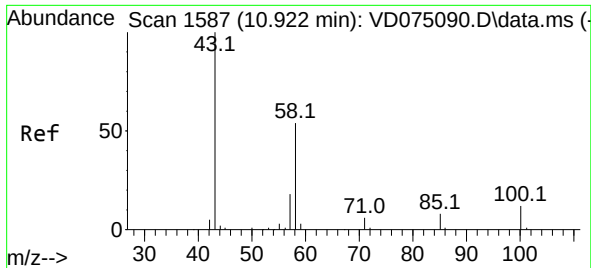
Tgt Ion: 63 Resp: 41601

Ion Ratio Lower Upper

63 100

106 29.2 23.6 35.4

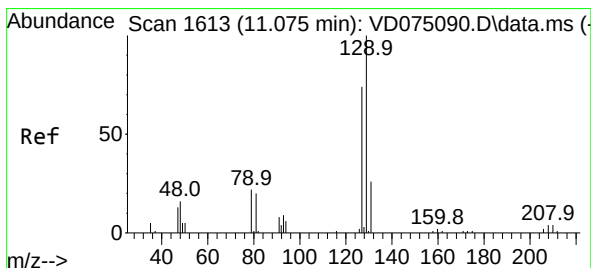
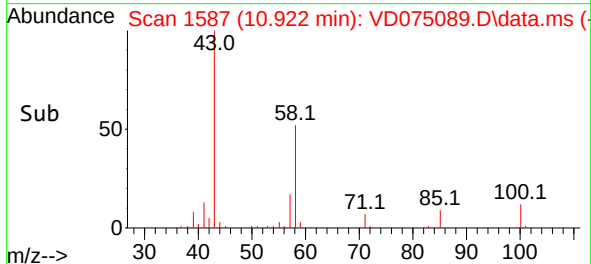
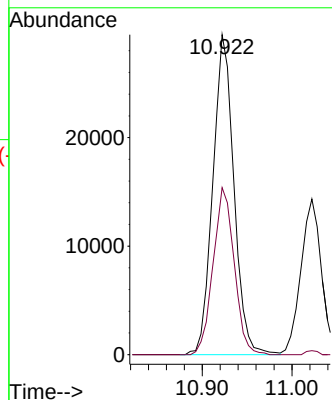
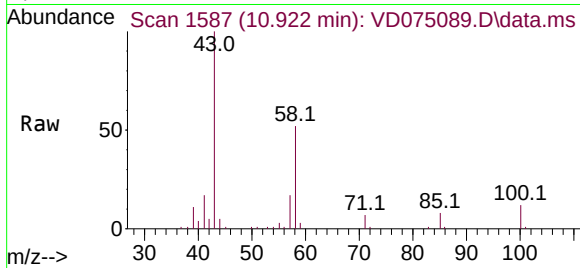




#59
2-Hexanone
Concen: 104.037 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

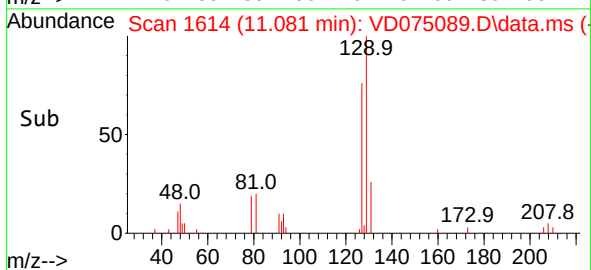
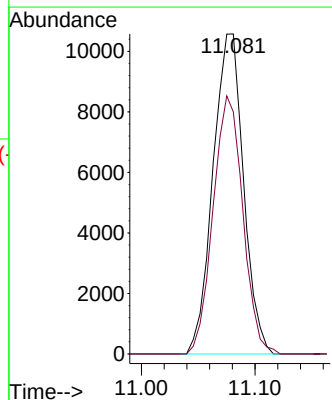
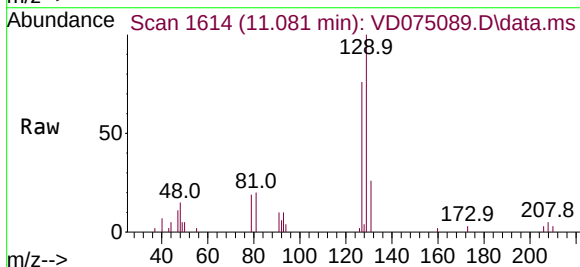
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

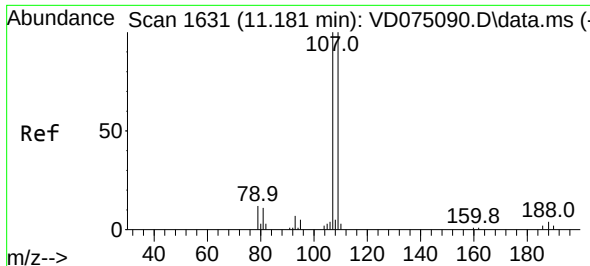
Tgt Ion: 43 Resp: 48030
Ion Ratio Lower Upper
43 100
58 52.3 26.6 79.8



#60
Dibromochloromethane
Concen: 20.512 ug/l
RT: 11.081 min Scan# 1614
Delta R.T. 0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 129 Resp: 19740
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0

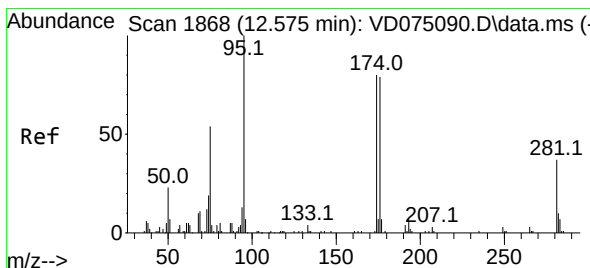
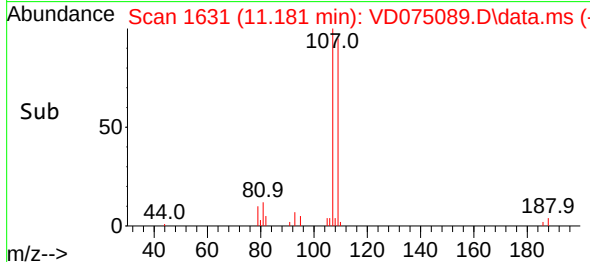
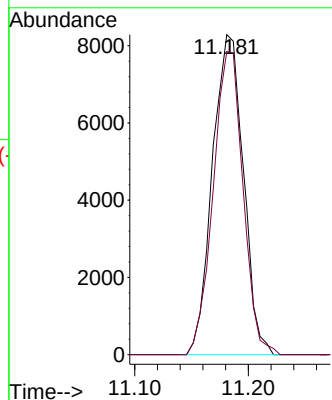
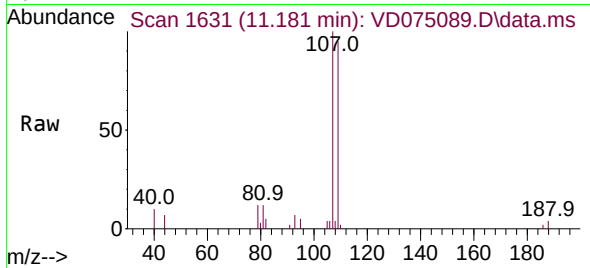




#61
1,2-Dibromoethane
Concen: 21.242 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

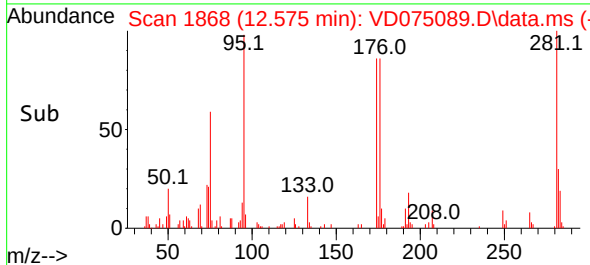
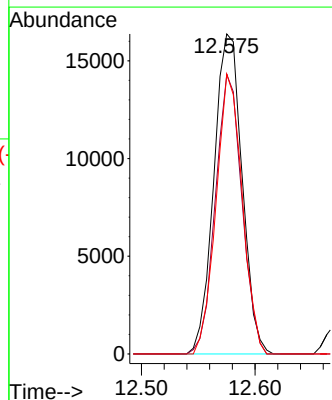
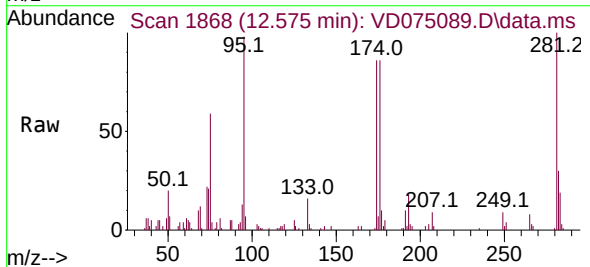
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

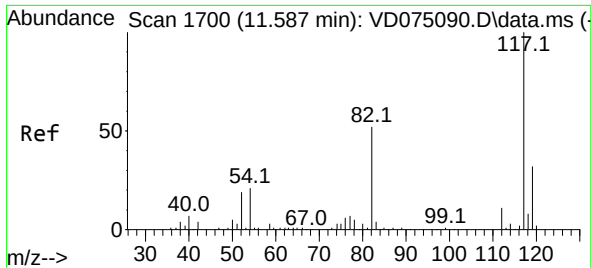
Tgt Ion:107 Resp: 15676
Ion Ratio Lower Upper
107 100
109 91.6 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 20.214 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 95 Resp: 28241
Ion Ratio Lower Upper
95 100
174 82.1 0.0 168.4
176 81.1 0.0 163.8

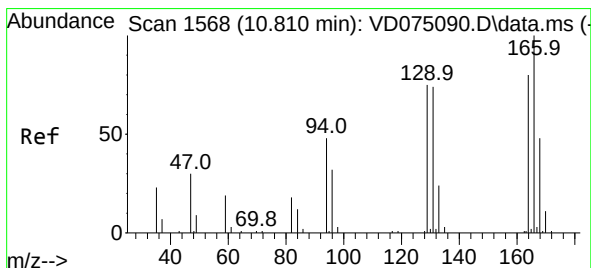
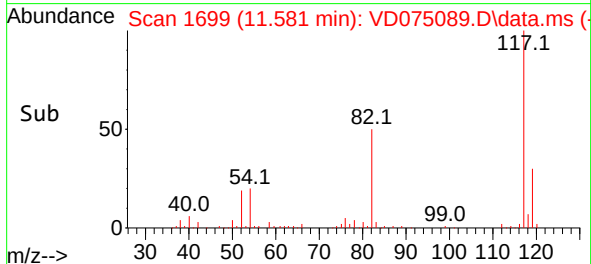
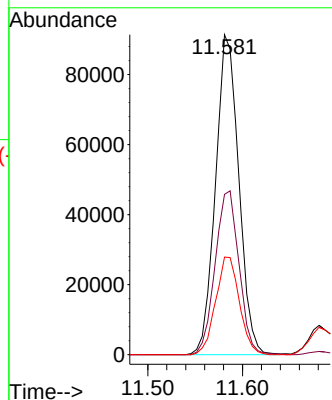
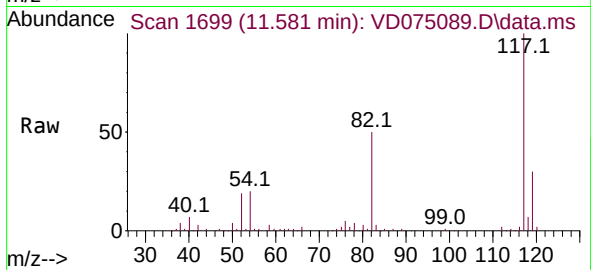




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

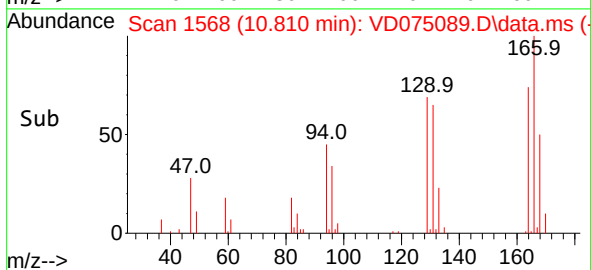
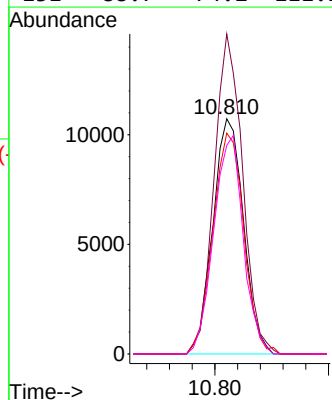
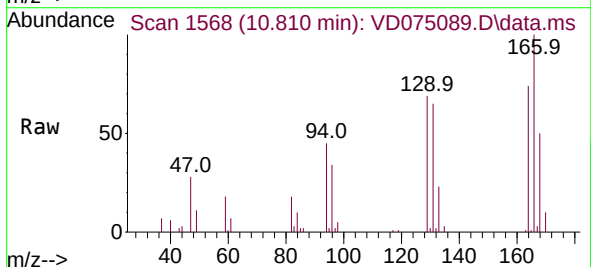
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

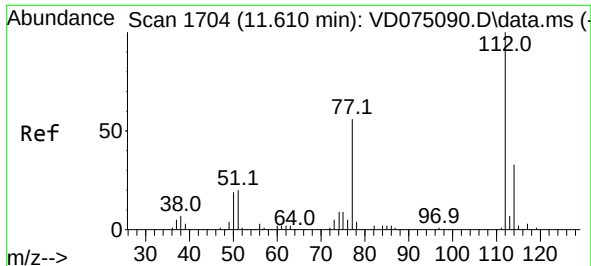
Tgt Ion:117 Resp: 156062
Ion Ratio Lower Upper
117 100
82 50.1 41.3 61.9
119 30.5 25.8 38.6



#64
Tetrachloroethene
Concen: 20.018 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion:164 Resp: 20033
Ion Ratio Lower Upper
164 100
166 136.0 100.3 150.5
129 93.9 75.8 113.6
131 88.7 74.2 111.2

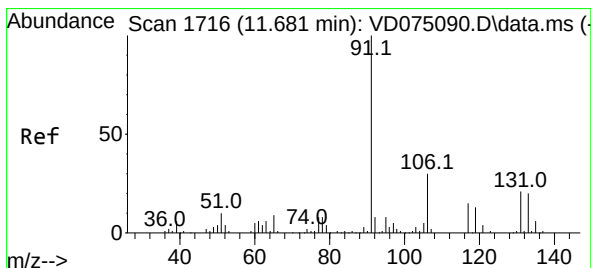
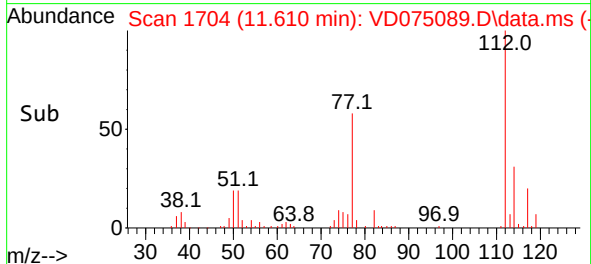
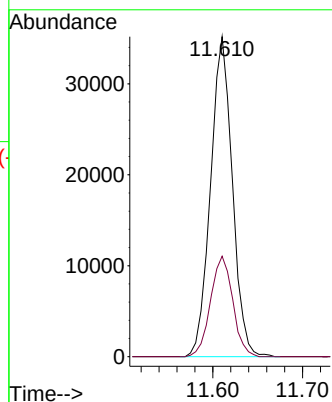
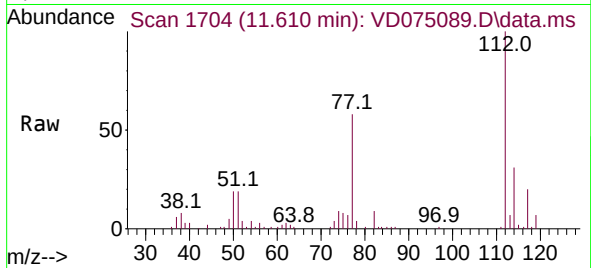




#65
Chlorobenzene
Concen: 20.186 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

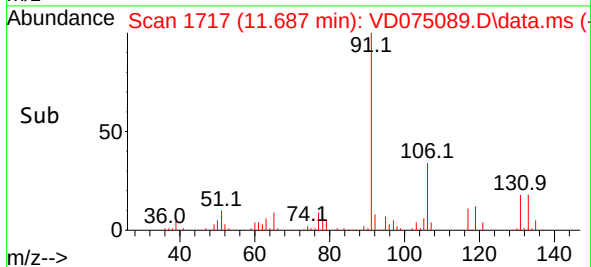
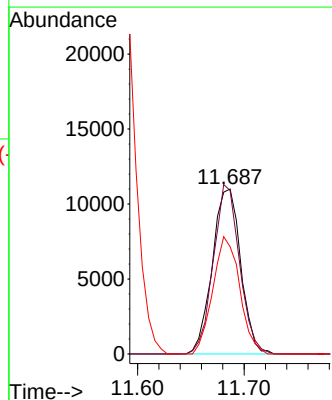
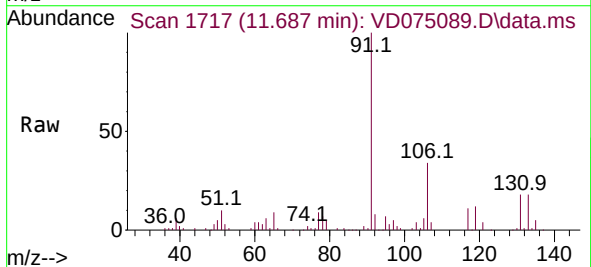
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

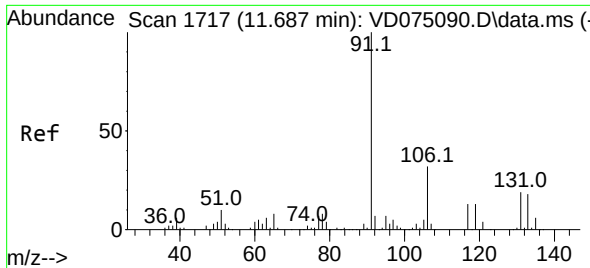
Tgt Ion:112 Resp: 59296
Ion Ratio Lower Upper
112 100
114 31.4 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.603 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion:131 Resp: 20347
Ion Ratio Lower Upper
131 100
133 95.1 46.4 139.2
119 67.4 33.4 100.2

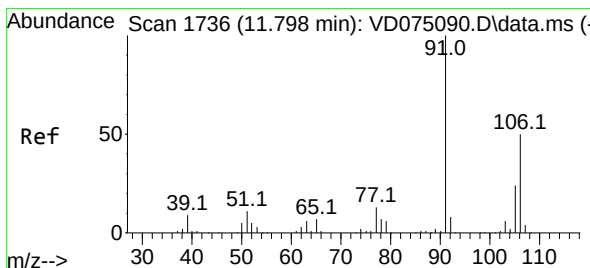
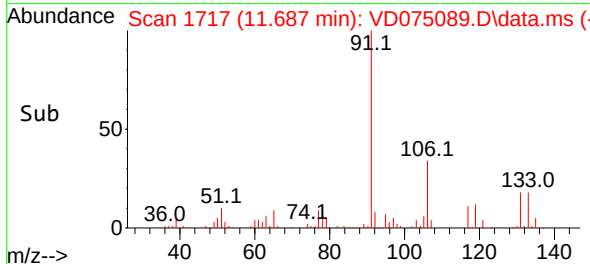
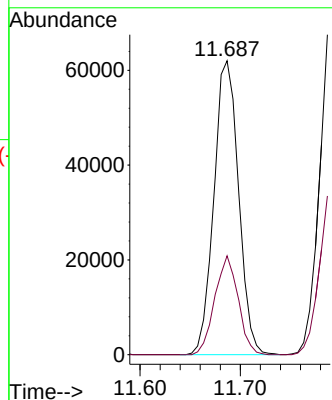
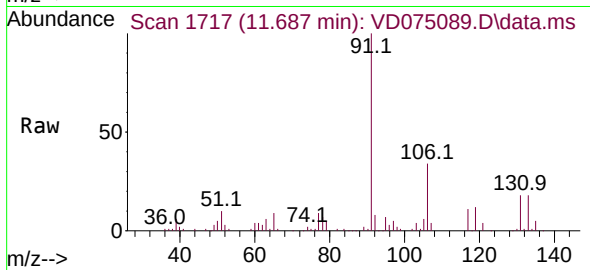




#67
Ethyl Benzene
Concen: 20.241 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

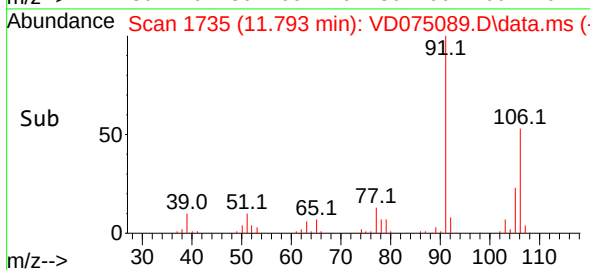
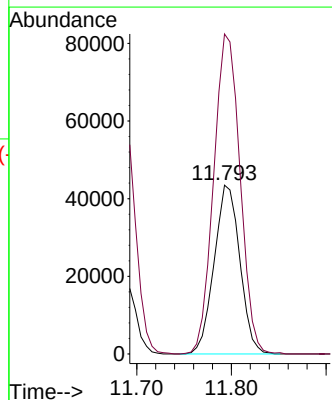
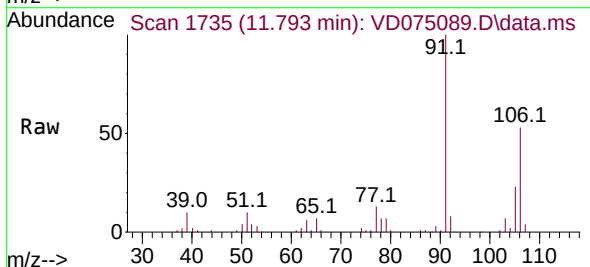
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

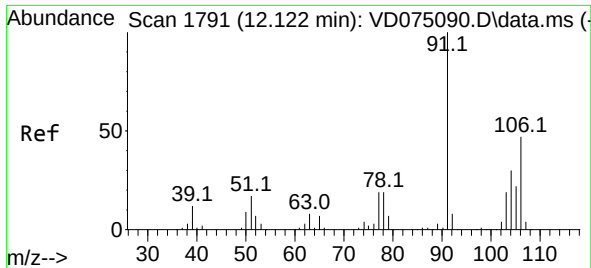
Tgt Ion: 91 Resp: 105873
Ion Ratio Lower Upper
91 100
106 33.7 25.8 38.6



#68
m/p-Xylenes
Concen: 40.701 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion:106 Resp: 82059
Ion Ratio Lower Upper
106 100
91 194.8 157.9 236.9

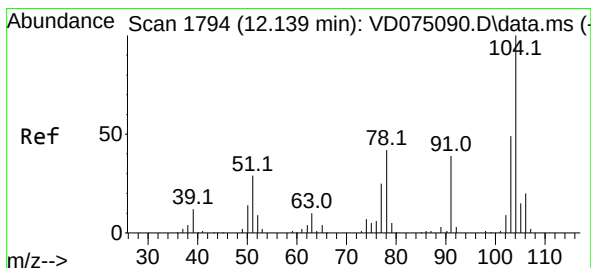
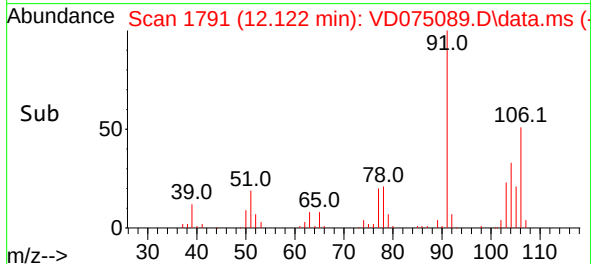
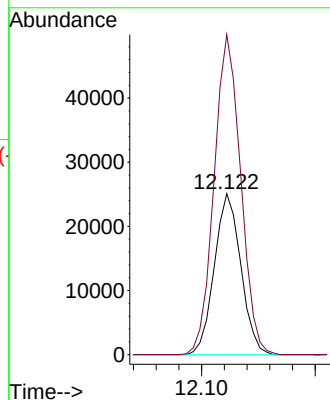
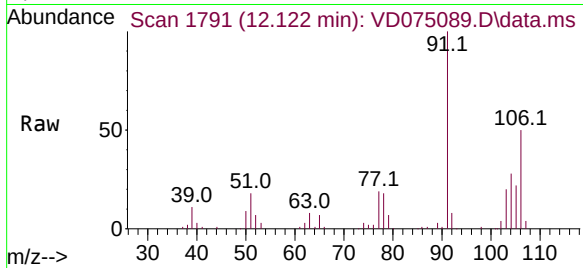




#69
o-Xylene
Concen: 20.769 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

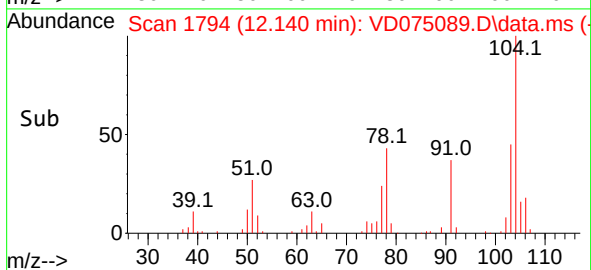
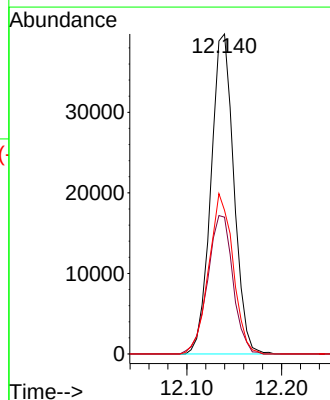
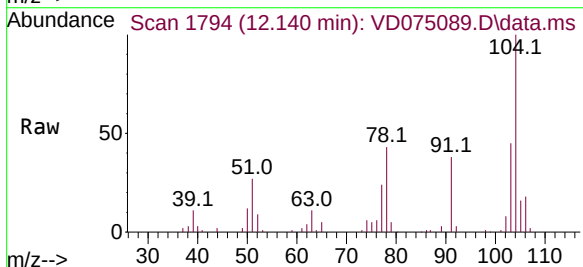
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

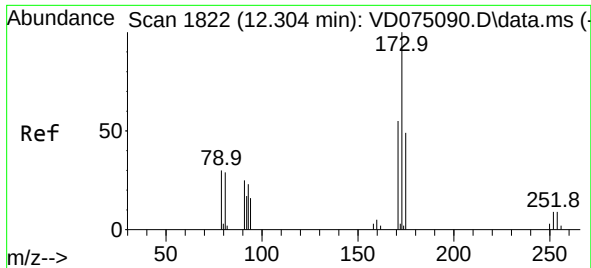
Tgt Ion:106 Resp: 40583
Ion Ratio Lower Upper
106 100
91 199.9 104.5 313.3



#70
Styrene
Concen: 20.423 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion:104 Resp: 66698
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.2
103 53.2 43.9 65.9

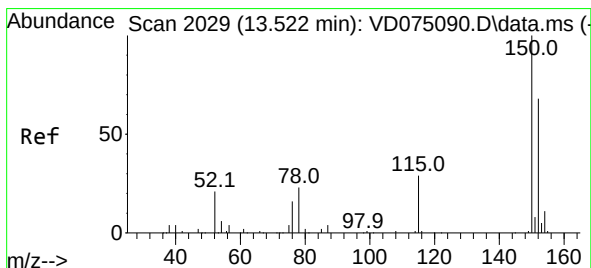
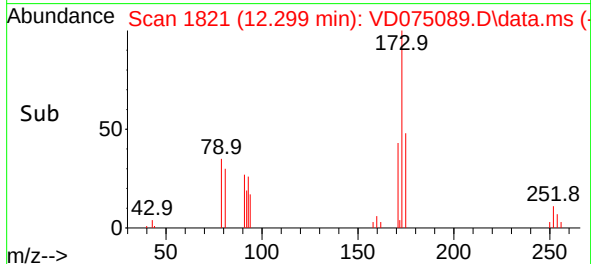
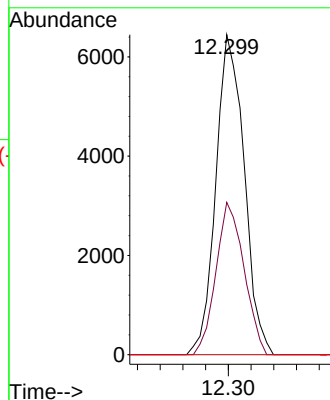
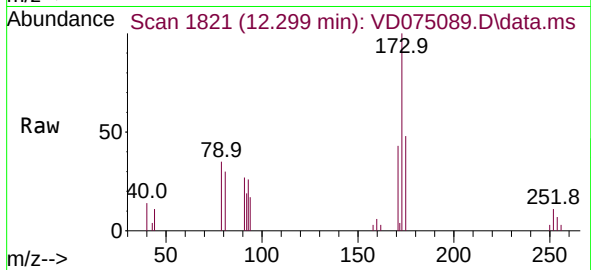




#71
Bromoform
Concen: 20.008 ug/l
RT: 12.299 min Scan# 1822
Delta R.T. -0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

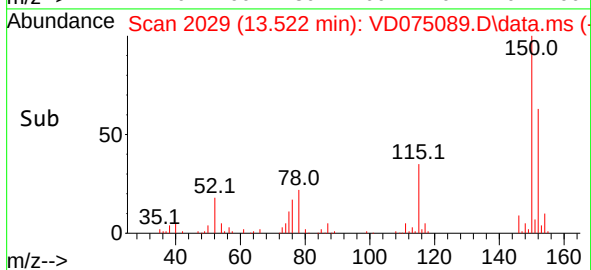
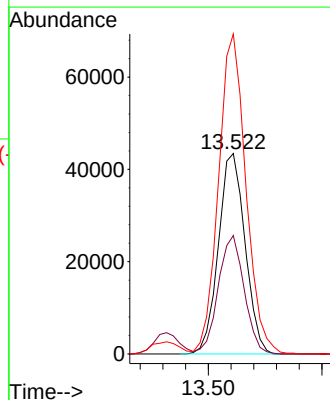
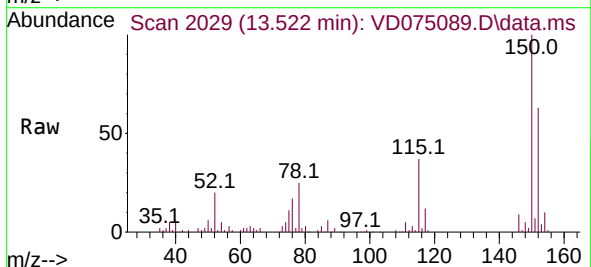
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

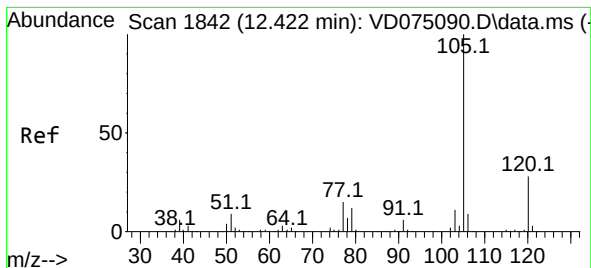
Tgt Ion:173 Resp: 11162
Ion Ratio Lower Upper
173 100
175 47.2 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion:152 Resp: 70753
Ion Ratio Lower Upper
152 100
115 57.4 28.7 86.1
150 163.9 0.0 343.2





#73

Isopropylbenzene

Concen: 19.970 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

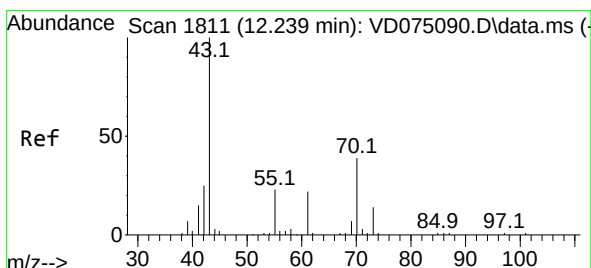
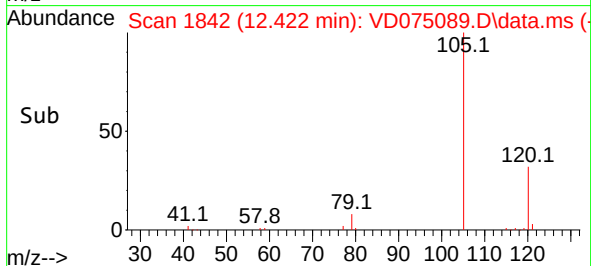
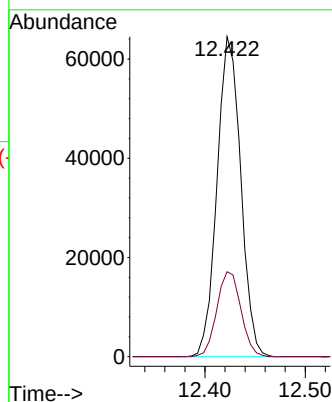
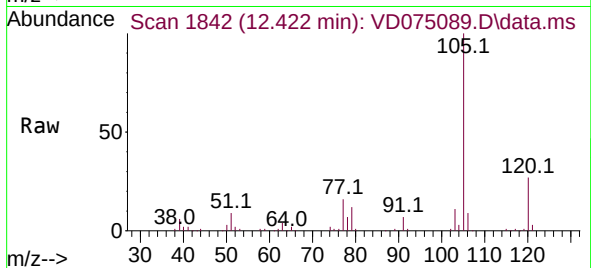
VSTDICC020

Tgt Ion:105 Resp: 105644

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



#74

N-ethyl acetate

Concen: 19.881 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

Tgt Ion: 43 Resp: 23889

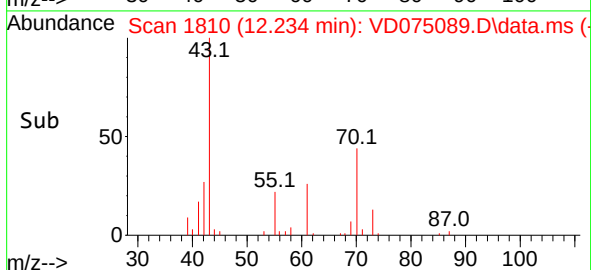
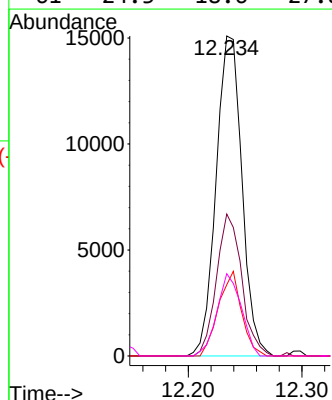
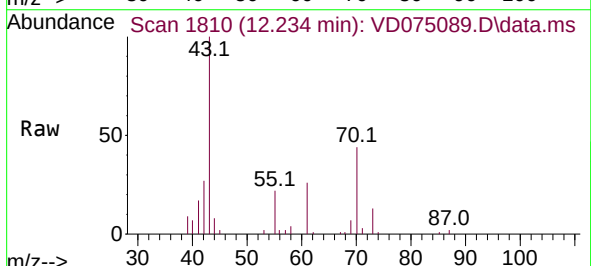
Ion Ratio Lower Upper

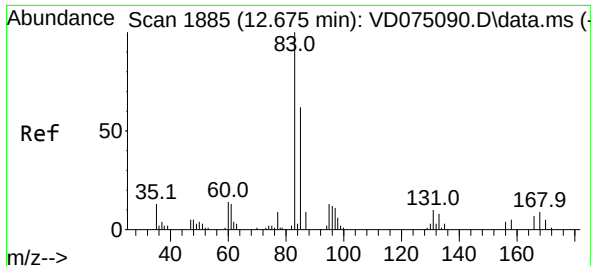
43 100

70 43.2 33.4 50.0

55 23.7 17.4 26.0

61 24.3 18.6 27.8

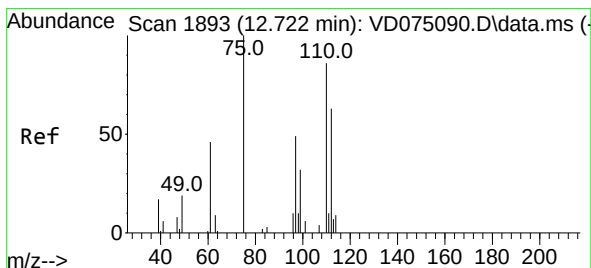
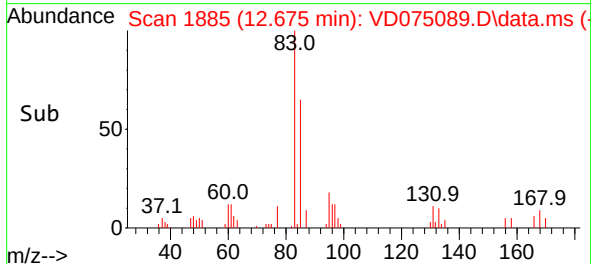
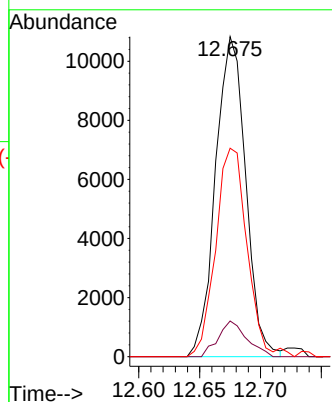
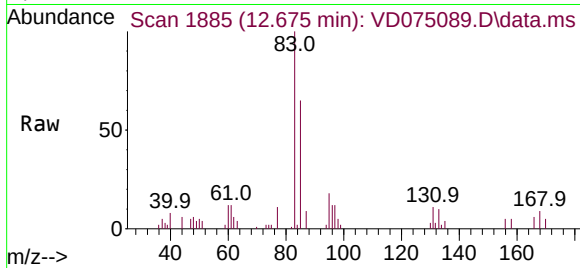




#75
1,1,2,2-Tetrachloroethane
Concen: 20.566 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

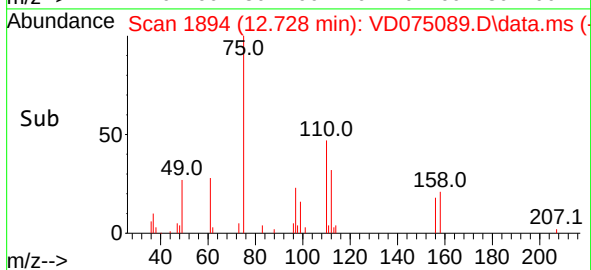
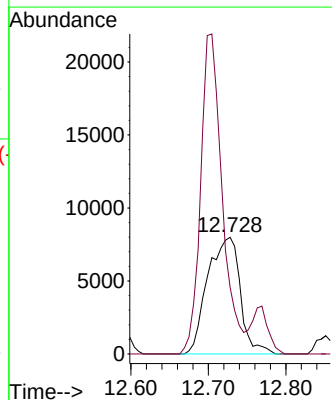
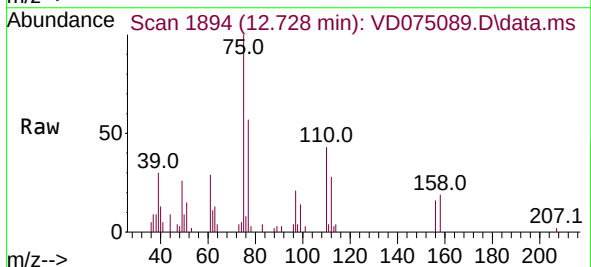
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

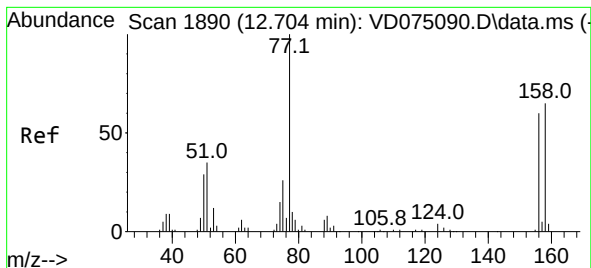
Tgt Ion: 83 Resp: 18646
Ion Ratio Lower Upper
83 100
131 10.6 5.3 16.1
85 67.7 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 31.528 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 75 Resp: 23344
Ion Ratio Lower Upper
75 100
77 0.0 149.0 447.1#





#77

Bromobenzene

Concen: 20.330 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

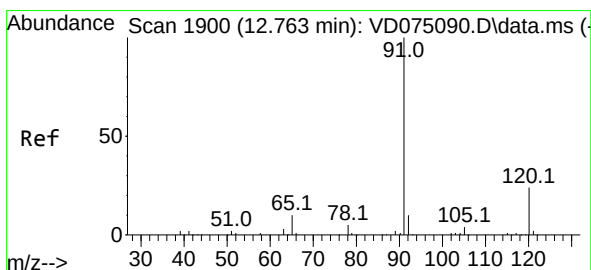
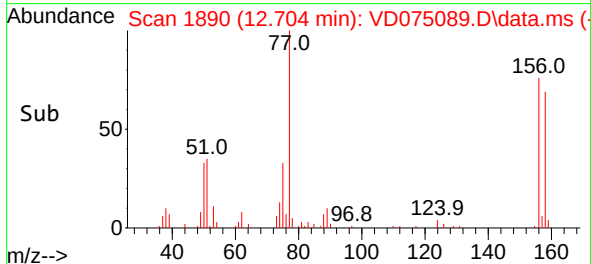
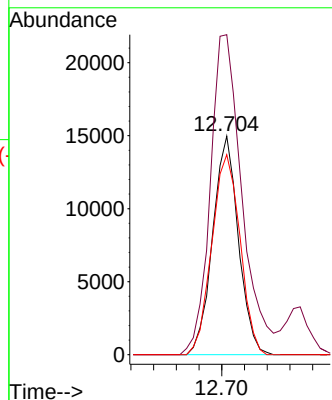
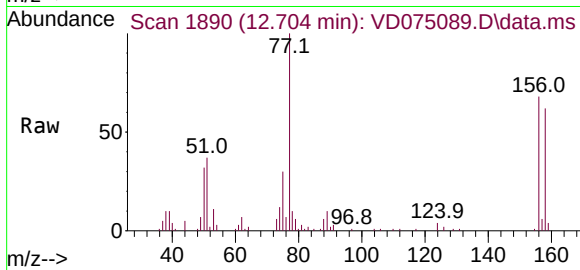
Tgt Ion:156 Resp: 23544

Ion Ratio Lower Upper

156 100

77 179.6 90.8 272.5

158 100.1 49.4 148.0



#78

n-propylbenzene

Concen: 20.197 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD075089.D

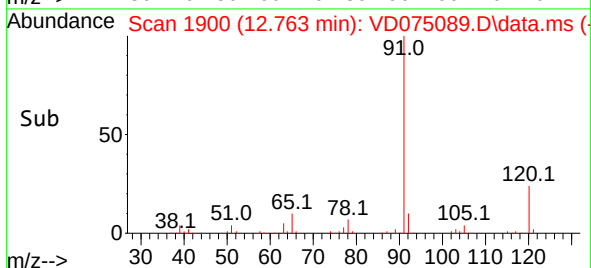
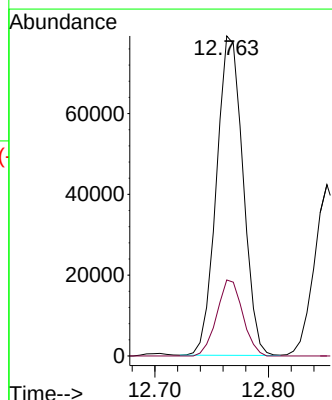
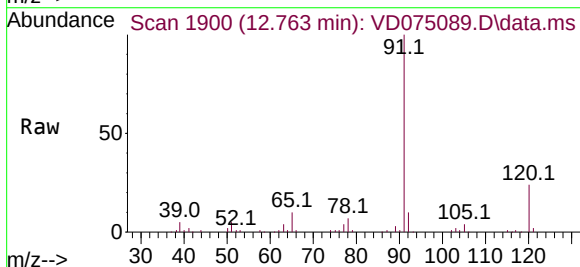
Acq: 09 Jan 2023 12:59

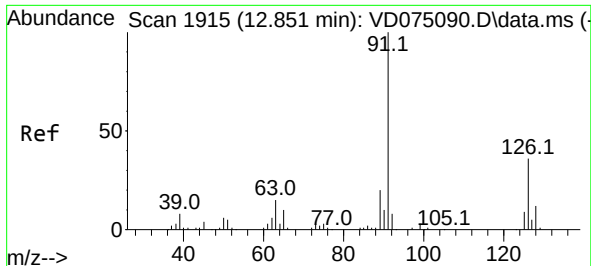
Tgt Ion: 91 Resp: 128146

Ion Ratio Lower Upper

91 100

120 23.2 11.7 35.0

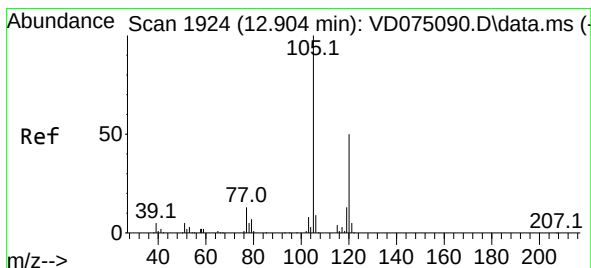
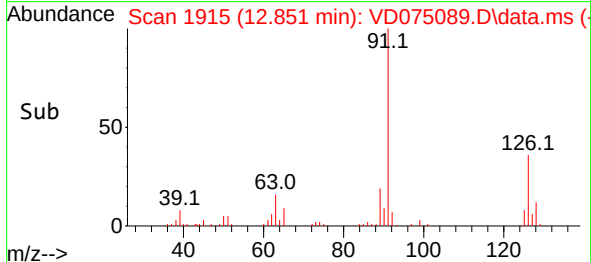
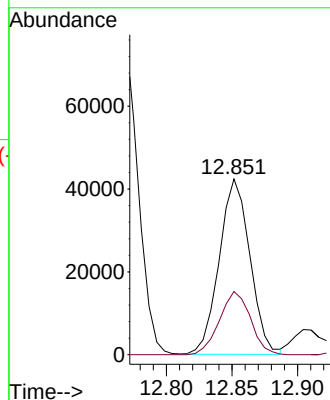
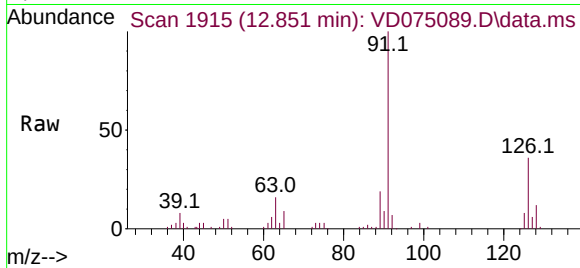




#79
2-Chlorotoluene
Concen: 19.815 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

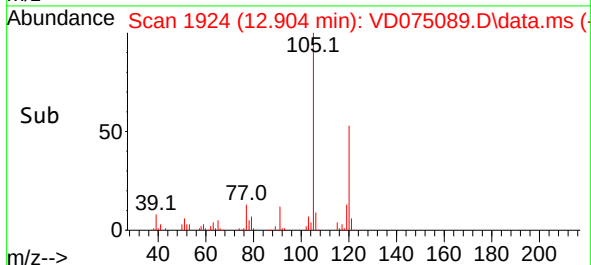
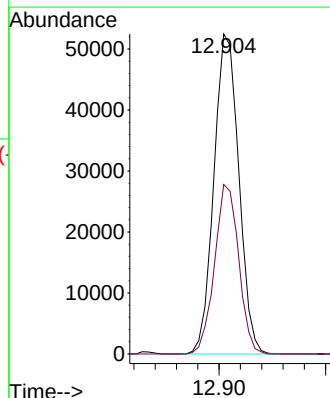
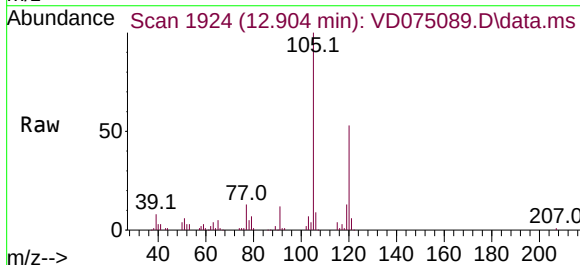
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

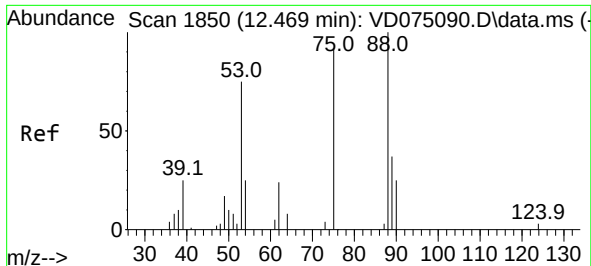
Tgt Ion: 91 Resp: 69093
Ion Ratio Lower Upper
91 100
126 36.2 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 19.827 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 105 Resp: 85089
Ion Ratio Lower Upper
105 100
120 51.2 24.8 74.3

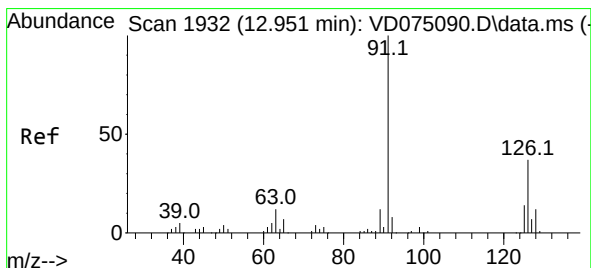
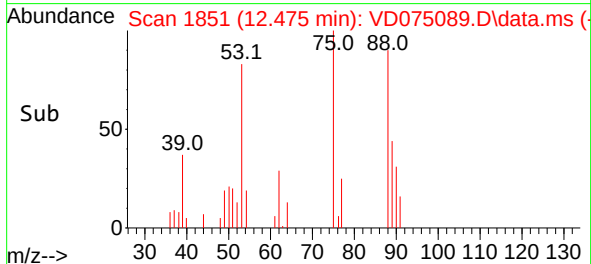
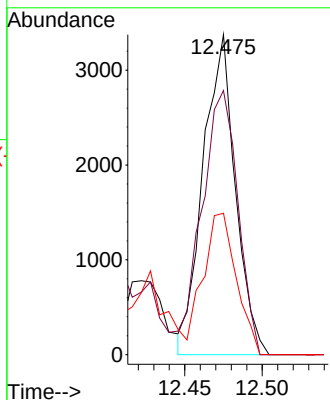
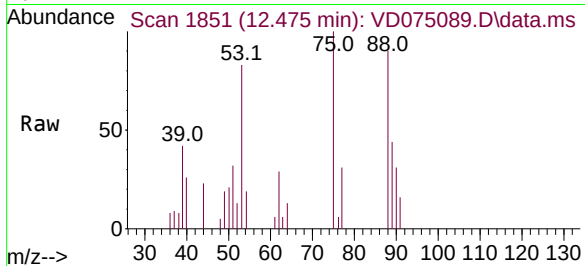




#81
trans-1,4-Dichloro-2-butene
Concen: 19.201 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

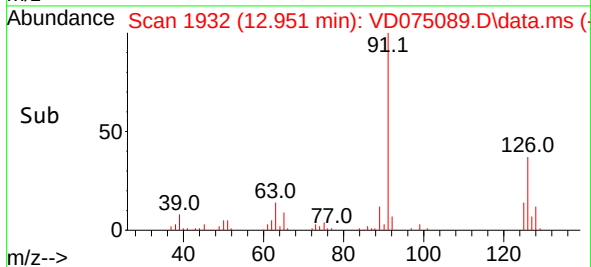
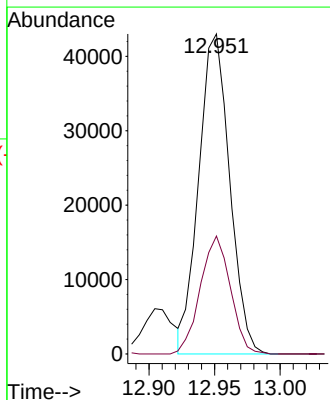
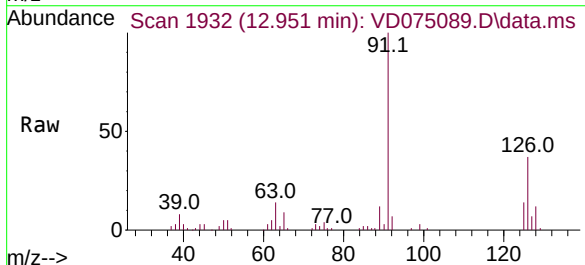
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

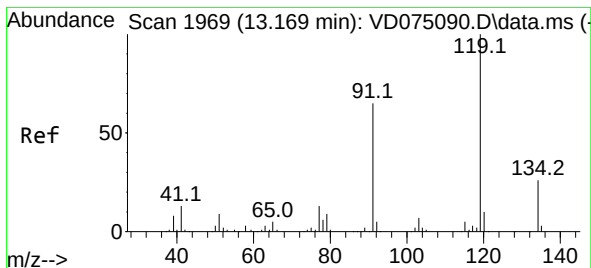
Tgt Ion: 75 Resp: 4881
Ion Ratio Lower Upper
75 100
53 93.3 68.6 103.0
89 45.6 33.4 50.0



#82
4-Chlorotoluene
Concen: 19.768 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 91 Resp: 70605
Ion Ratio Lower Upper
91 100
126 35.8 17.6 52.8





#83

tert-Butylbenzene

Concen: 19.625 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

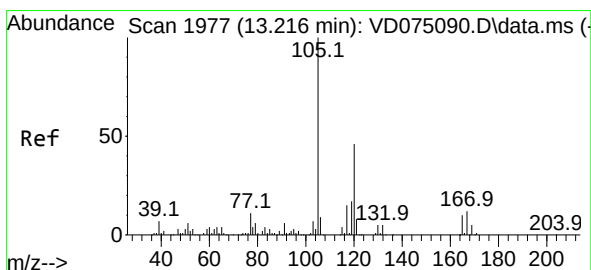
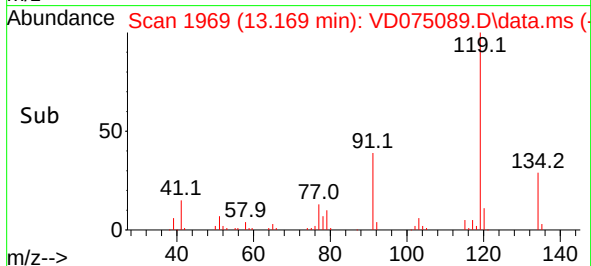
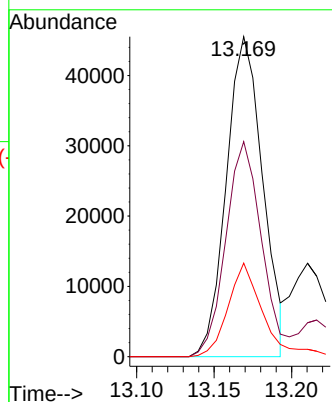
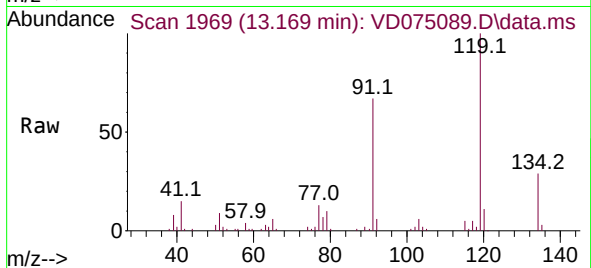
Tgt Ion:119 Resp: 74334

Ion Ratio Lower Upper

119 100

91 66.3 32.6 97.8

134 28.1 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 19.930 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD075089.D

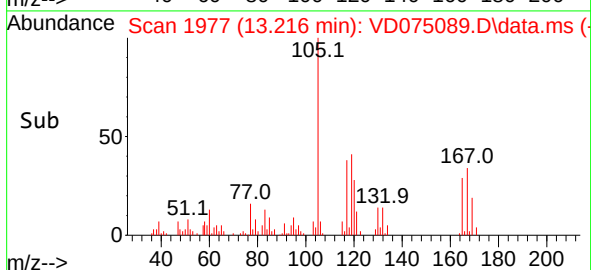
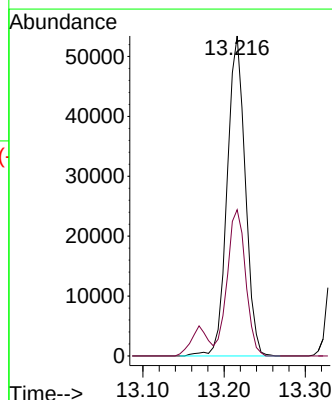
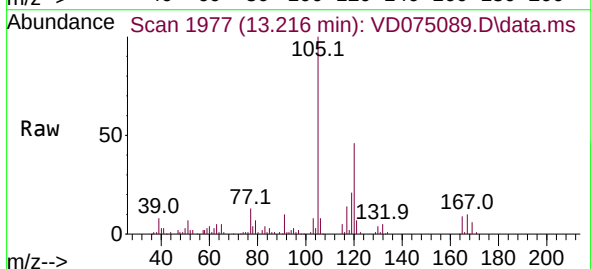
Acq: 09 Jan 2023 12:59

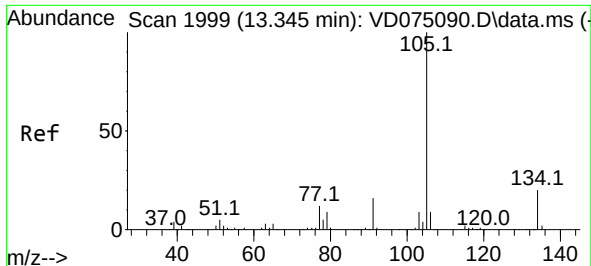
Tgt Ion:105 Resp: 82661

Ion Ratio Lower Upper

105 100

120 46.4 22.8 68.4

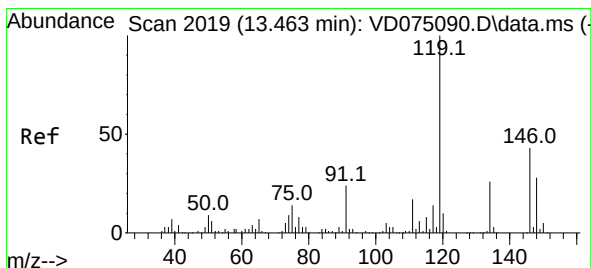
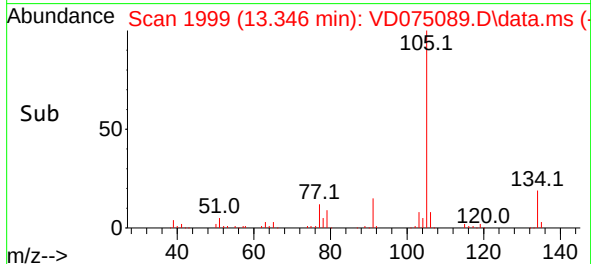
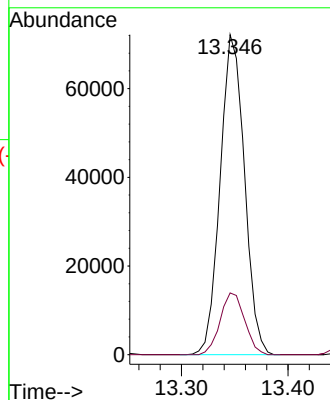
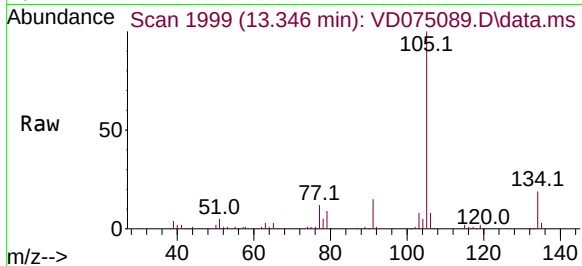




#85
 sec-Butylbenzene
 Concen: 19.901 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD075089.D
 Acq: 09 Jan 2023 12:59

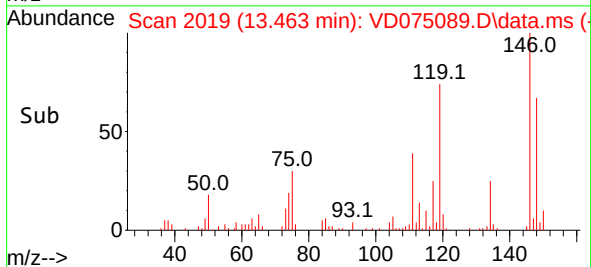
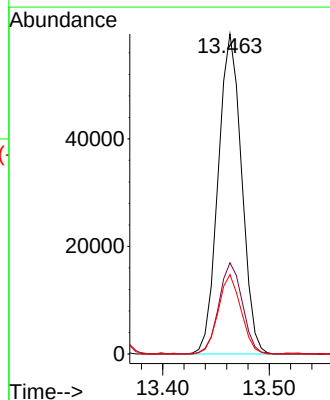
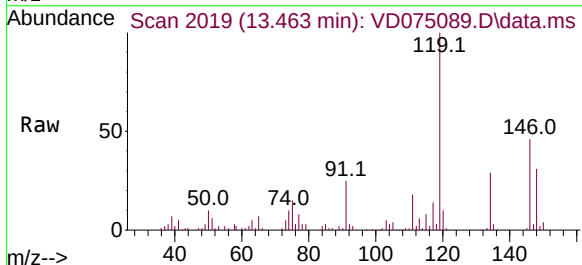
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

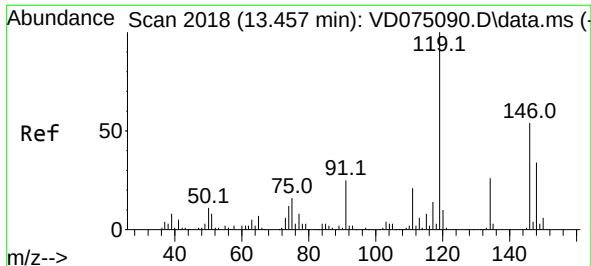
Tgt Ion:105 Resp: 114216
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 19.633 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD075089.D
 Acq: 09 Jan 2023 12:59

Tgt Ion:119 Resp: 91017
 Ion Ratio Lower Upper
 119 100
 134 28.5 13.1 39.1
 91 24.1 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.162 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

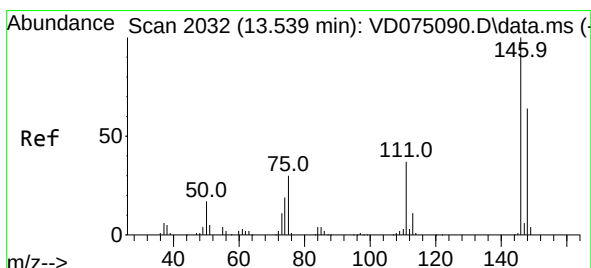
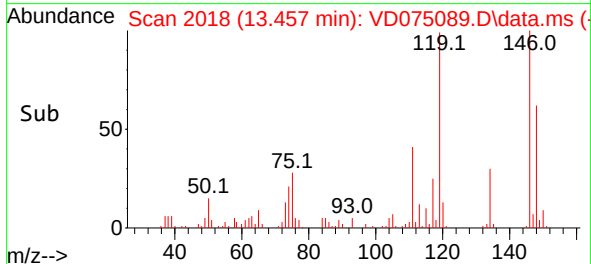
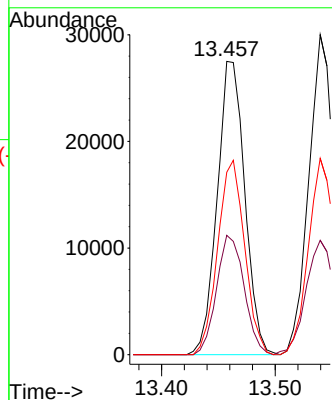
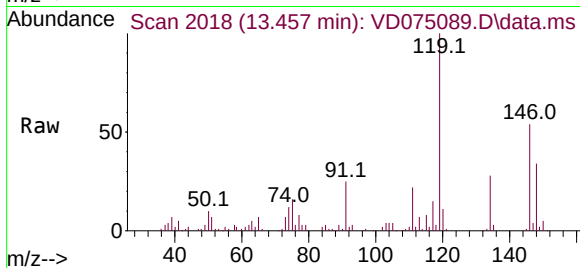
Tgt Ion:146 Resp: 46491

Ion Ratio Lower Upper

146 100

111 40.6 19.7 59.1

148 64.7 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 20.054 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

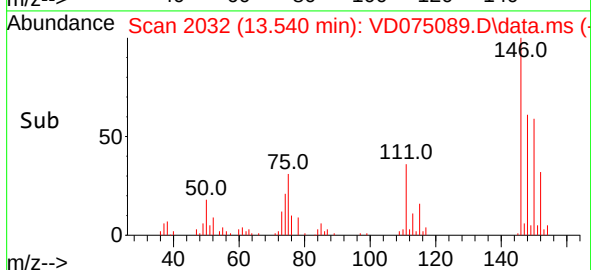
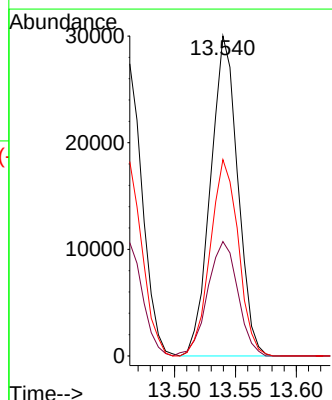
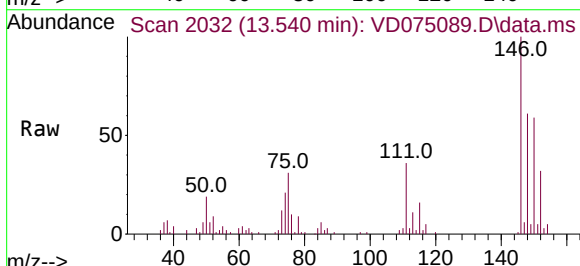
Tgt Ion:146 Resp: 46760

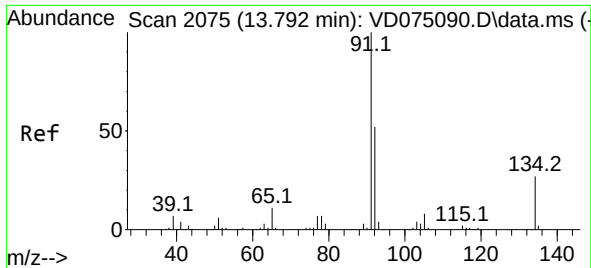
Ion Ratio Lower Upper

146 100

111 39.7 19.3 57.8

148 63.3 31.4 94.0

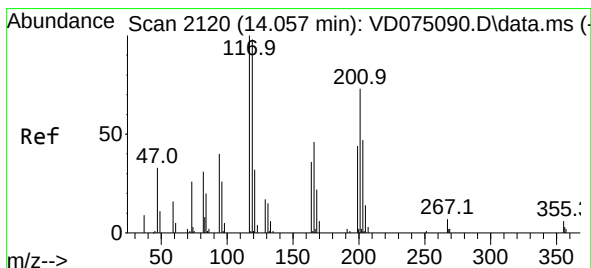
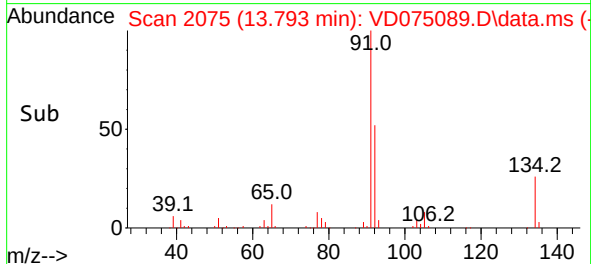
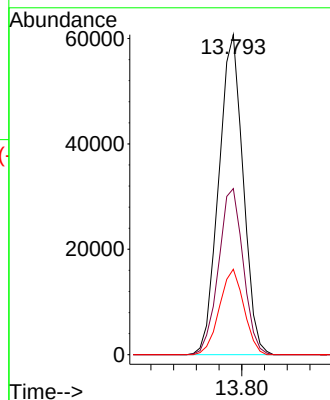
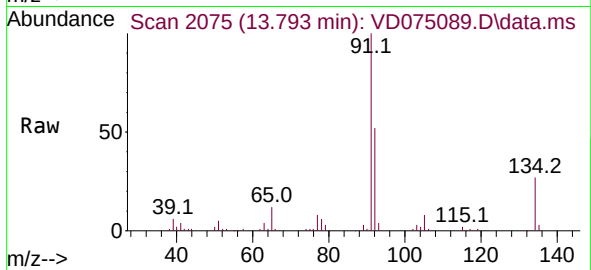




#89
n-Butylbenzene
Concen: 19.833 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

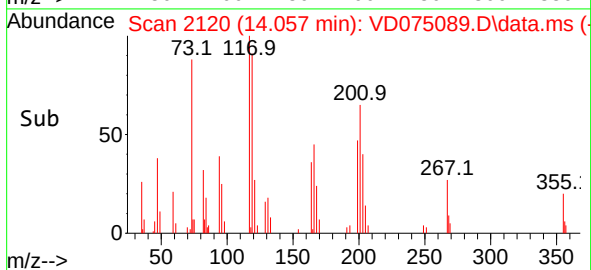
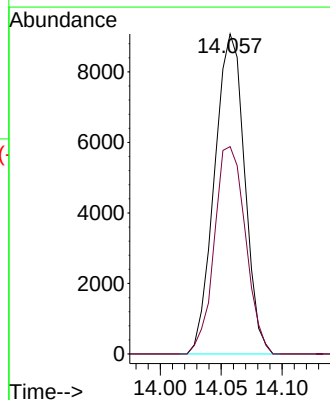
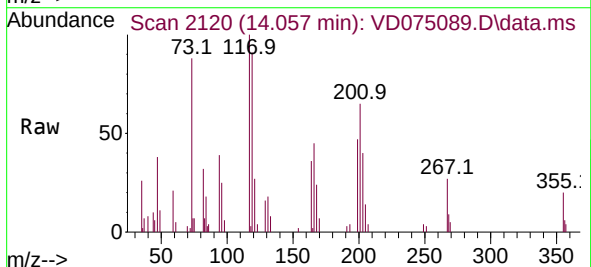
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

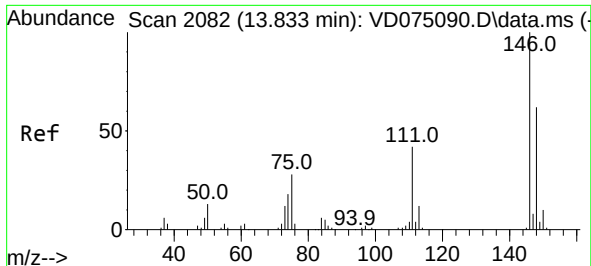
Tgt Ion: 91 Resp: 90426
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.5
134 26.8 13.2 39.6



#90
Hexachloroethane
Concen: 19.324 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 117 Resp: 15615
Ion Ratio Lower Upper
117 100
201 67.2 35.5 106.7

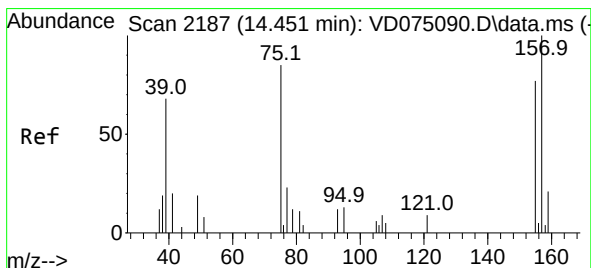
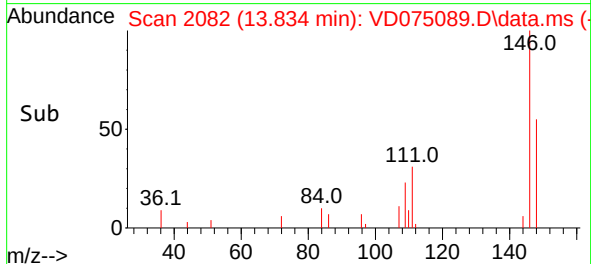
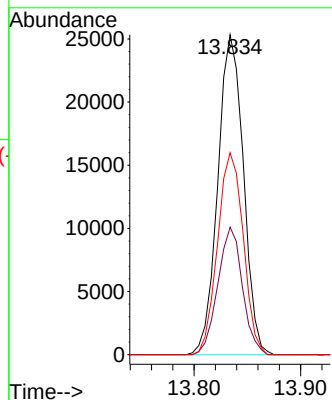
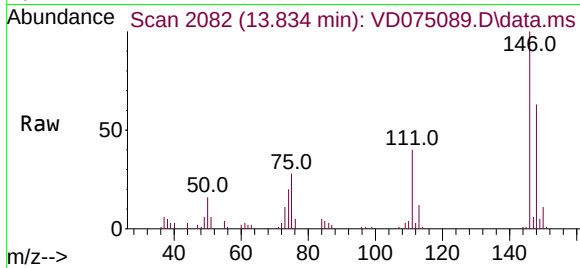




#91
1,2-Dichlorobenzene
Concen: 20.462 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

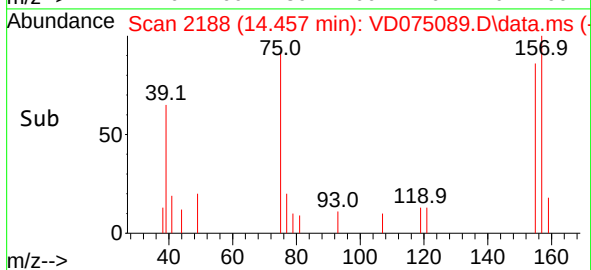
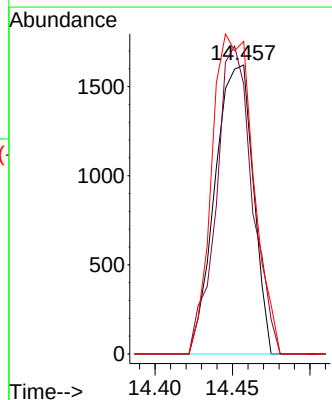
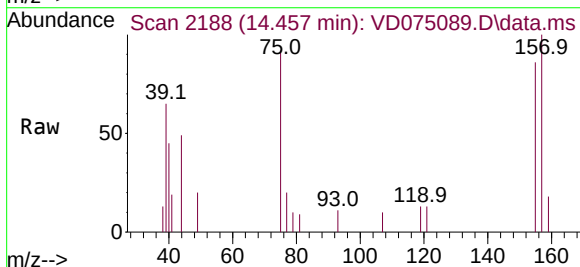
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

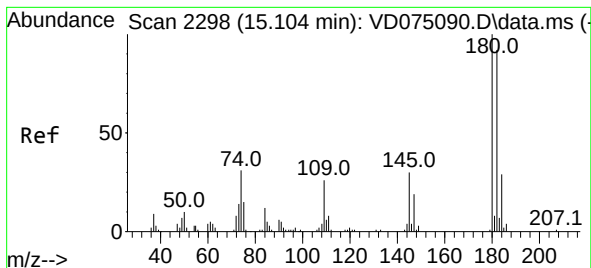
Tgt Ion:146 Resp: 42230
Ion Ratio Lower Upper
146 100
111 38.3 20.5 61.5
148 63.3 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.971 ug/l
RT: 14.457 min Scan# 2188
Delta R.T. 0.006 min
Lab File: VD075089.D
Acq: 09 Jan 2023 12:59

Tgt Ion: 75 Resp: 2766
Ion Ratio Lower Upper
75 100
155 100.7 45.4 136.2
157 119.6 60.1 180.2





#93

1,2,4-Trichlorobenzene

Concen: 19.266 ug/l

RT: 15.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

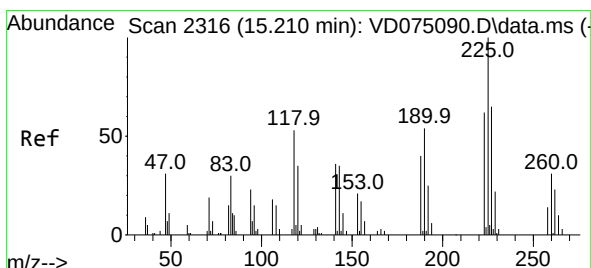
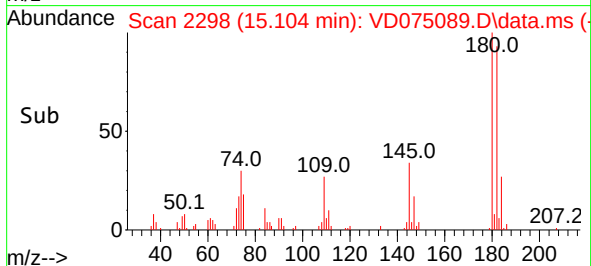
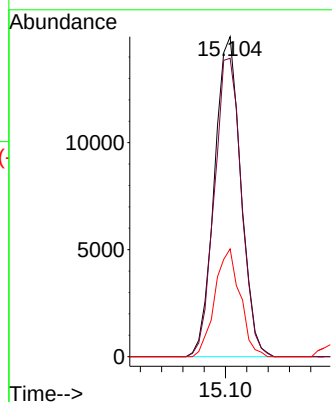
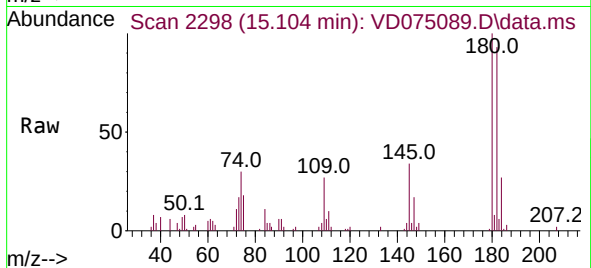
Tgt Ion:180 Resp: 25711

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.9

145 32.3 15.7 47.0



#94

Hexachlorobutadiene

Concen: 19.338 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.006 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

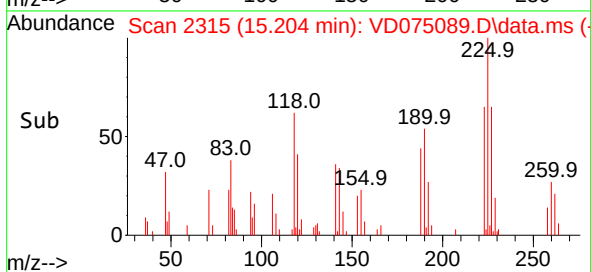
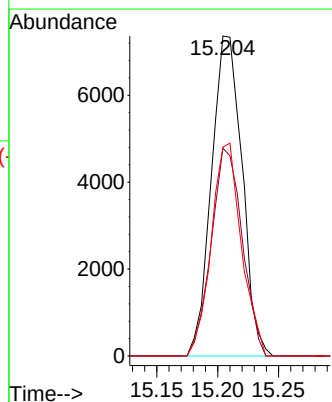
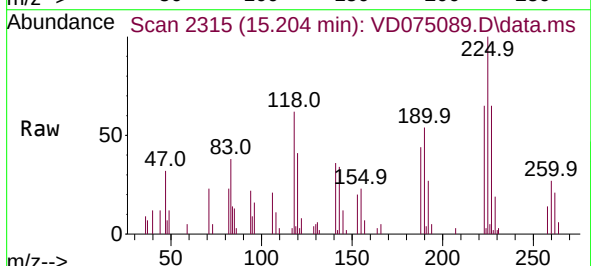
Tgt Ion:225 Resp: 12865

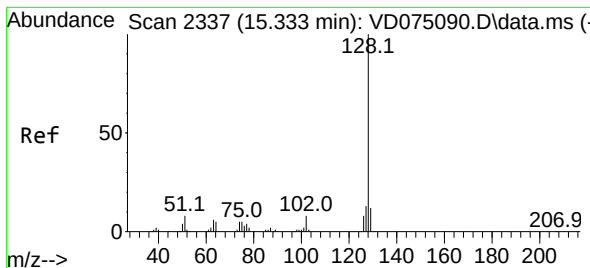
Ion Ratio Lower Upper

225 100

223 65.8 31.1 93.5

227 65.5 31.1 93.3





#95

Naphthalene

Concen: 20.494 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

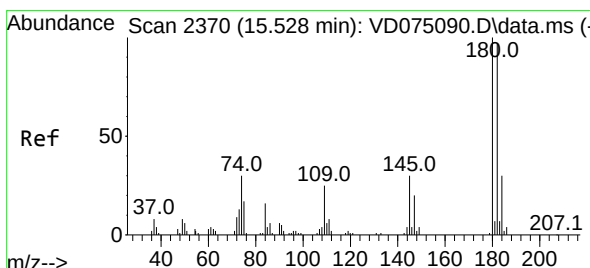
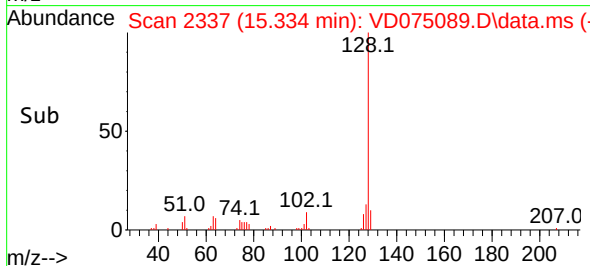
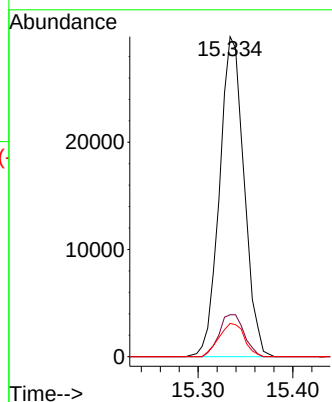
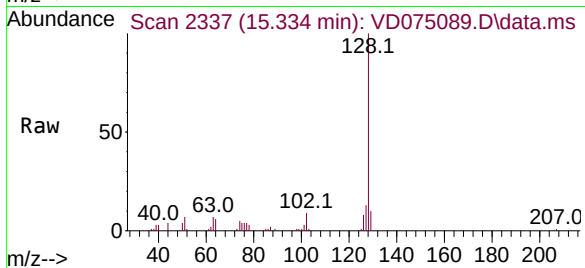
Tgt Ion:128 Resp: 53704

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.998 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.000 min

Lab File: VD075089.D

Acq: 09 Jan 2023 12:59

Tgt Ion:180 Resp: 23053

Ion Ratio Lower Upper

180 100

182 93.5 47.4 142.3

145 34.9 16.0 48.0

