

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021822\
 Data File : VD072018.D
 Acq On : 18 Feb 2022 10:18
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Feb 19 03:39:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 03:37:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	496145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	813926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	756644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	370400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	99583	19.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	38.700%#
35) Dibromofluoromethane	7.914	113	97414	19.754	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.500%#
50) Toluene-d8	10.338	98	339747	18.578	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	37.160%#
62) 4-Bromofluorobenzene	12.626	95	131367	19.556	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	94833	20.273	ug/l	100
3) Chloromethane	2.209	50	81793	18.491	ug/l	98
4) Vinyl Chloride	2.350	62	76406	18.093	ug/l	96
5) Bromomethane	2.750	94	53437	18.151	ug/l	95
6) Chloroethane	2.915	64	50056	18.753	ug/l	98
7) Trichlorofluoromethane	3.268	101	161072	19.714	ug/l	96
8) Diethyl Ether	3.715	74	45088	19.358	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	102114	20.004	ug/l	99
10) Methyl Iodide	4.303	142	89565	17.828	ug/l	99
11) Tert butyl alcohol	5.220	59	30688	104.508	ug/l #	95
12) 1,1-Dichloroethene	4.062	96	82277	18.147	ug/l	99
13) Acrolein	3.915	56	64733	111.794	ug/l	99
14) Allyl chloride	4.715	41	148680	18.711	ug/l	99
15) Acrylonitrile	5.420	53	135657	107.766	ug/l	98
16) Acetone	4.156	43	108726	97.753	ug/l	97
17) Carbon Disulfide	4.403	76	199459	15.346	ug/l	99
18) Methyl Acetate	4.715	43	66505	20.926	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	222357	20.160	ug/l	99
20) Methylene Chloride	4.956	84	106021	19.153	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	92297	18.117	ug/l	92
22) Diisopropyl ether	6.362	45	334514	20.161	ug/l	99
23) Vinyl Acetate	6.303	43	862900	97.385	ug/l	99
24) 1,1-Dichloroethane	6.262	63	193801	19.633	ug/l	99
25) 2-Butanone	7.209	43	161122	104.811	ug/l	100
26) 2,2-Dichloropropane	7.209	77	152024	19.246	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	112680	19.305	ug/l	98
28) Bromochloromethane	7.544	49	80763	19.193	ug/l	97
29) Tetrahydrofuran	7.561	42	104203	106.212	ug/l	97
30) Chloroform	7.703	83	199563	19.691	ug/l	99
31) Cyclohexane	7.979	56	163500	17.986	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	171830	19.701	ug/l	99
36) 1,1-Dichloropropene	8.108	75	138423	18.531	ug/l	99
37) Ethyl Acetate	7.291	43	71361	20.601	ug/l #	93
38) Carbon Tetrachloride	8.091	117	149304	19.501	ug/l	96
39) Methylcyclohexane	9.355	83	158028	18.075	ug/l	98
40) Benzene	8.350	78	397619	18.864	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	48210	22.444	ug/l #	88
42) 1,2-Dichloroethane	8.420	62	124236	19.649	ug/l	100
43) Isopropyl Acetate	8.450	43	132654	20.565	ug/l	99
44) Trichloroethene	9.108	130	107984	18.796	ug/l	98
45) 1,2-Dichloropropane	9.379	63	111382	19.810	ug/l	97
46) Dibromomethane	9.473	93	60823	20.499	ug/l	96
47) Bromodichloromethane	9.655	83	154493	20.184	ug/l	98
48) Methyl methacrylate	9.450	41	64541	19.807	ug/l #	91
49) 1,4-Dioxane	9.450	88	14881	422.765	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	367976	107.642	ug/l	98
52) Toluene	10.397	92	255613	18.950	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	138575	19.796	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	162900	19.662	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	85269	20.421	ug/l	96
56) Ethyl methacrylate	10.655	69	99421	19.938	ug/l	98
57) 1,3-Dichloropropane	10.938	76	146847	20.347	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	226804	101.670	ug/l	100
59) 2-Hexanone	10.979	43	244521	104.866	ug/l	99
60) Dibromochloromethane	11.132	129	105679	20.267	ug/l	97
61) 1,2-Dibromoethane	11.238	107	81054	20.313	ug/l	97
64) Tetrachloroethene	10.867	164	88633	18.554	ug/l	99
65) Chlorobenzene	11.661	112	289508	19.742	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	109997	20.210	ug/l	99
67) Ethyl Benzene	11.738	91	494163	19.164	ug/l	99
68) m/p-Xylenes	11.844	106	382737	38.774	ug/l	99
69) o-Xylene	12.173	106	179823	19.365	ug/l	98
70) Styrene	12.185	104	316148	19.839	ug/l	99
71) Bromoform	12.355	173	64964	20.812	ug/l	99
73) Isopropylbenzene	12.473	105	491917	19.343	ug/l	100
74) N-amyl acetate	12.279	43	121256	19.745	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	106634	21.207	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	129526	33.194	ug/l #	100
77) Bromobenzene	12.749	156	117234	19.685	ug/l	98
78) n-propylbenzene	12.808	91	610069	19.517	ug/l	99
79) 2-Chlorotoluene	12.896	91	357475	19.758	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	423825	19.958	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	28185	20.117	ug/l	99
82) 4-Chlorotoluene	12.996	91	369159	19.605	ug/l	100
83) tert-Butylbenzene	13.214	119	360179	19.740	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	420486	20.142	ug/l	100
85) sec-Butylbenzene	13.391	105	555408	19.983	ug/l	100
86) p-Isopropyltoluene	13.502	119	458200	20.043	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	241143	20.030	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	241550	19.968	ug/l	99
89) n-Butylbenzene	13.832	91	435450	20.032	ug/l	99
90) Hexachloroethane	14.096	117	91202	19.875	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	213031	20.178	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	16556	21.136	ug/l	98
93) 1,2,4-Trichlorobenzene	15.149	180	130576	20.135	ug/l	97
94) Hexachlorobutadiene	15.255	225	74889	21.001	ug/l	99
95) Naphthalene	15.385	128	240894	20.463	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	116347	20.800	ug/l	97

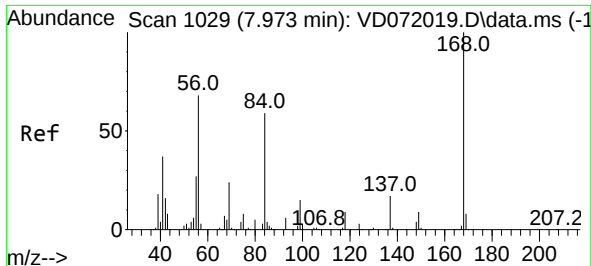
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Response via : Initial Calibration

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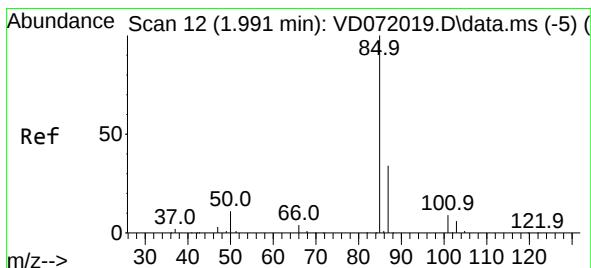
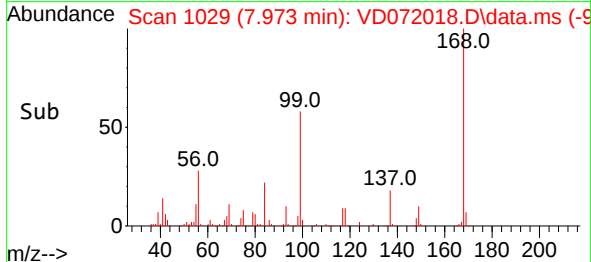
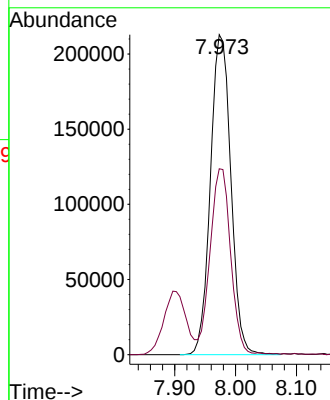
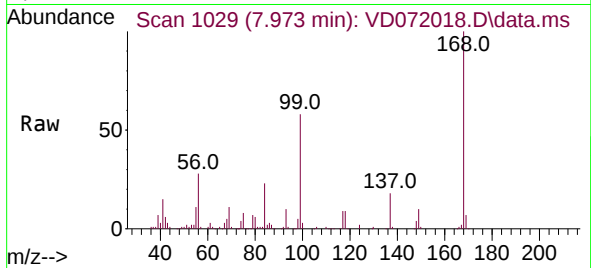
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072018.D
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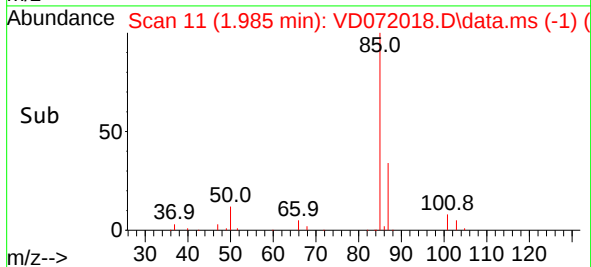
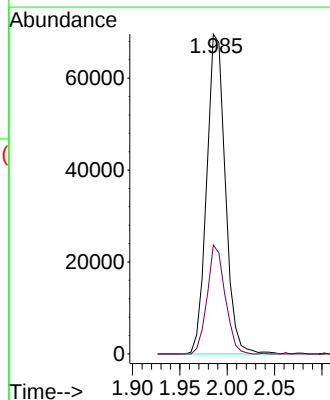
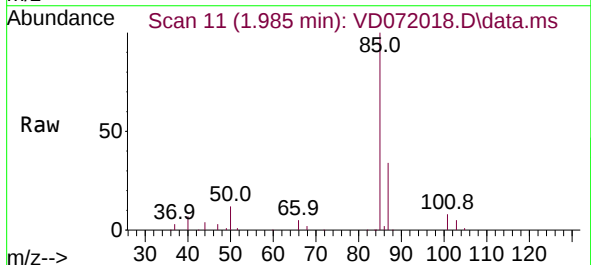
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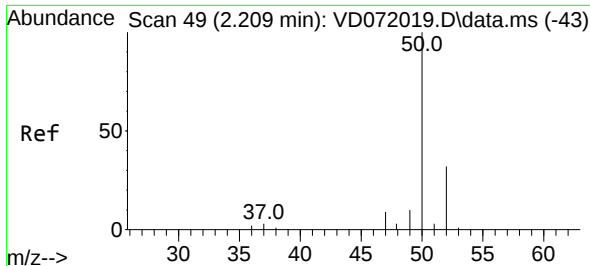
Tgt Ion:168 Resp: 496145
Ion Ratio Lower Upper
168 100
99 57.9 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 20.273 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 85 Resp: 94833
Ion Ratio Lower Upper
85 100
87 34.0 17.0 51.0

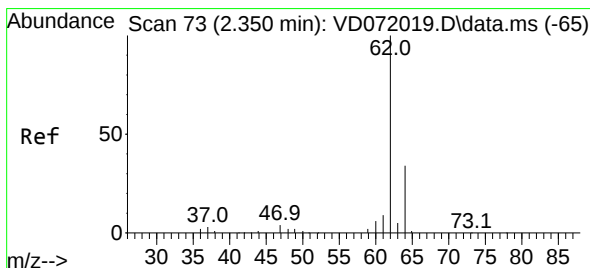
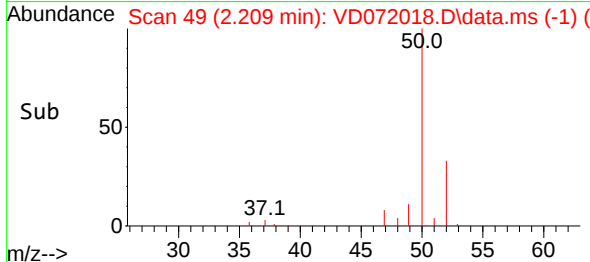
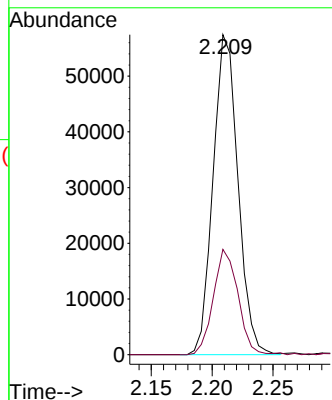
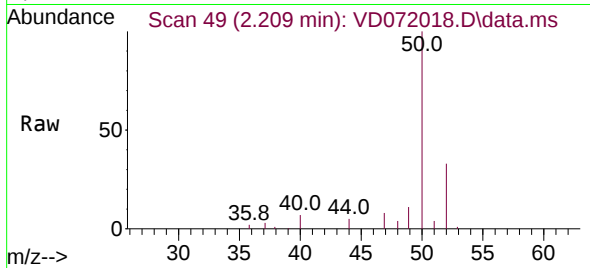




#3
Chloromethane
Concen: 18.491 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

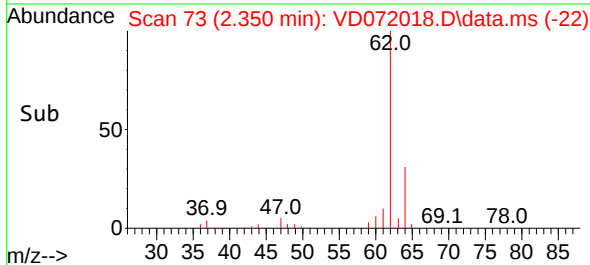
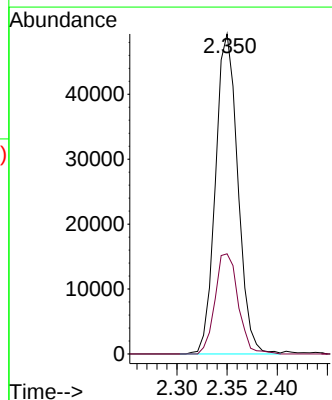
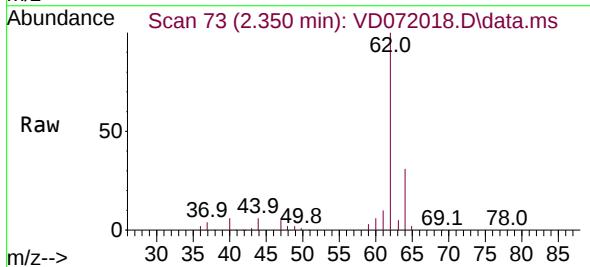
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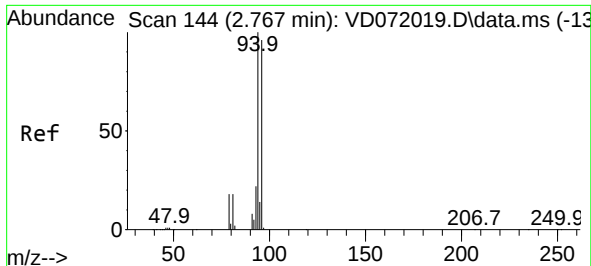
Tgt Ion: 50 Resp: 81793
Ion Ratio Lower Upper
50 100
52 32.9 25.5 38.3



#4
Vinyl Chloride
Concen: 18.093 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 62 Resp: 76406
Ion Ratio Lower Upper
62 100
64 31.3 27.0 40.6

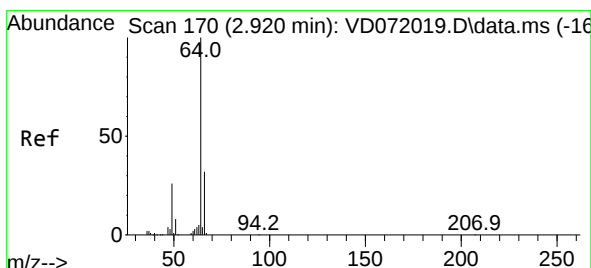
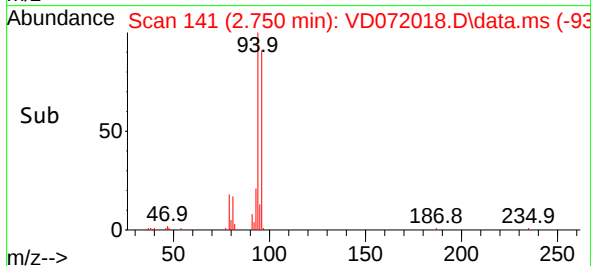
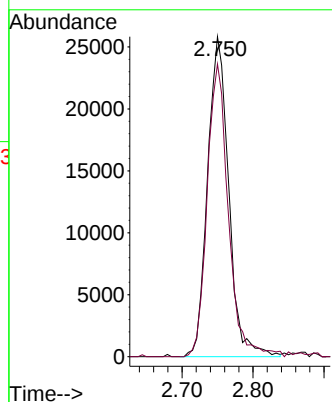
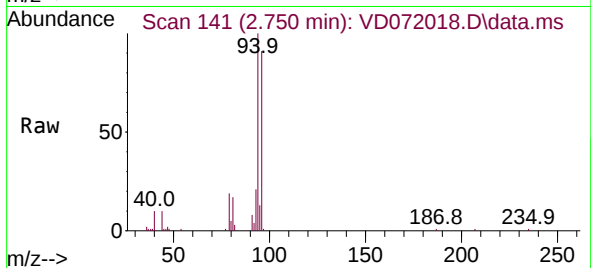




#5
Bromomethane
Concen: 18.151 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

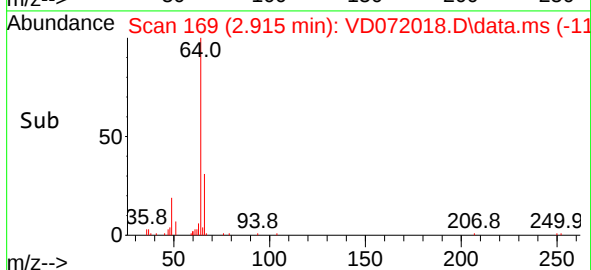
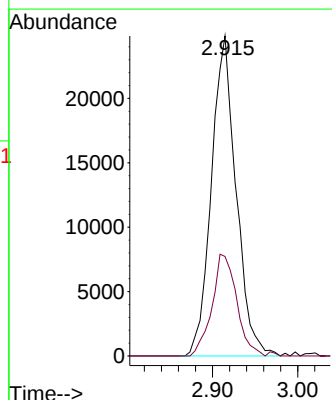
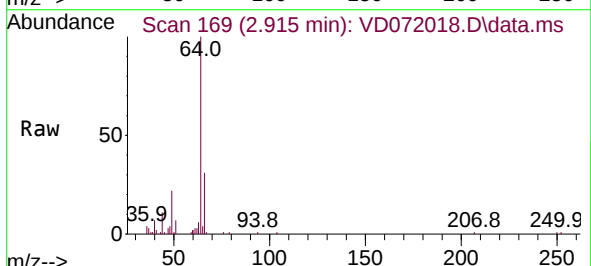
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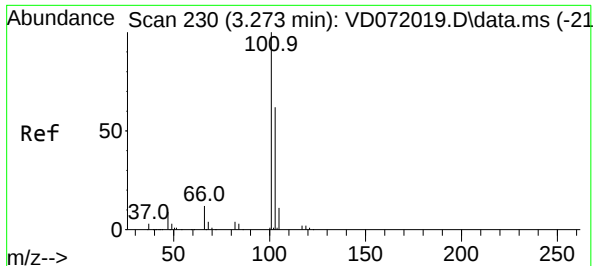
Tgt Ion: 94 Resp: 53437
Ion Ratio Lower Upper
94 100
96 91.5 76.8 115.2



#6
Chloroethane
Concen: 18.753 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 64 Resp: 50056
Ion Ratio Lower Upper
64 100
66 31.1 25.9 38.9

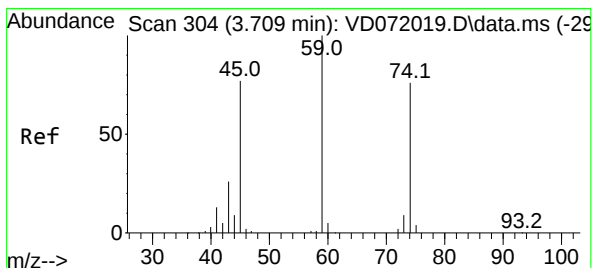
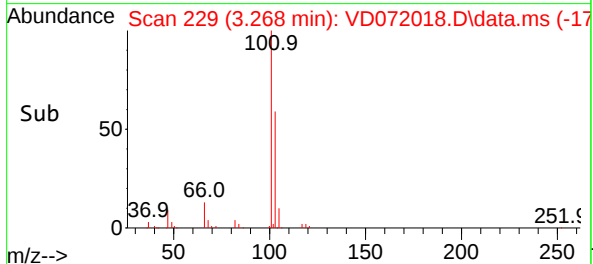
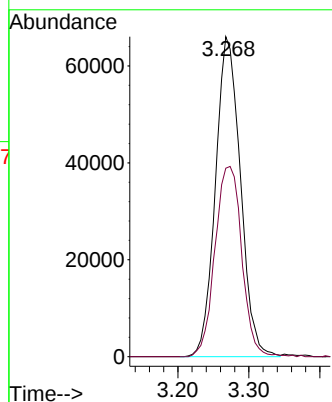
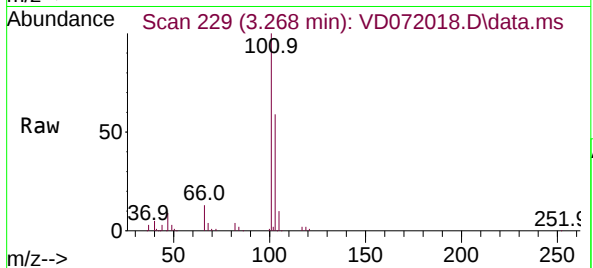




#7
Trichlorofluoromethane
Concen: 19.714 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

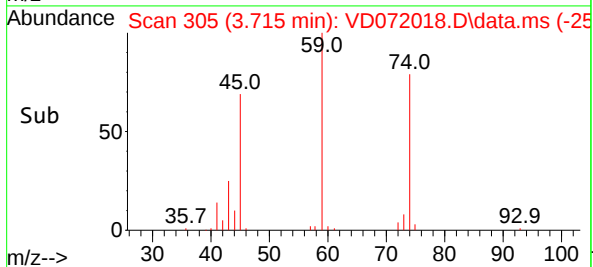
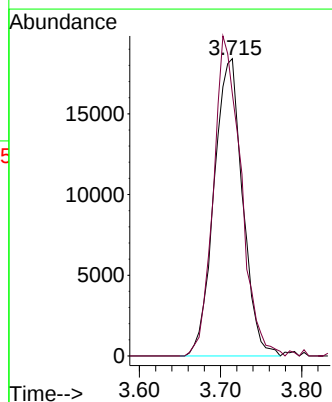
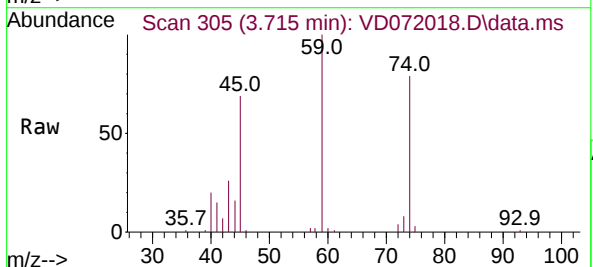
Instrument :
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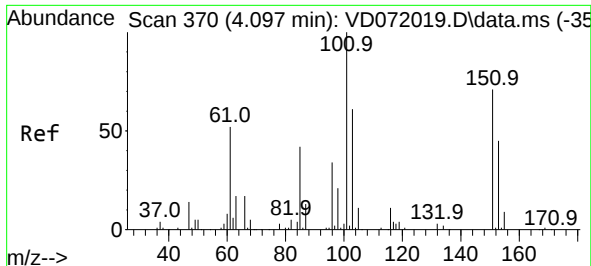
Tgt Ion:101 Resp: 161072
Ion Ratio Lower Upper
101 100
103 58.9 49.4 74.2



#8
Diethyl Ether
Concen: 19.358 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 74 Resp: 45088
Ion Ratio Lower Upper
74 100
45 103.4 50.9 152.8

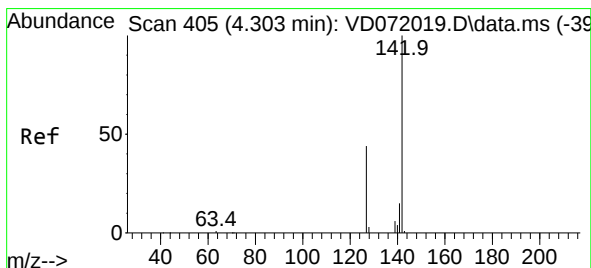
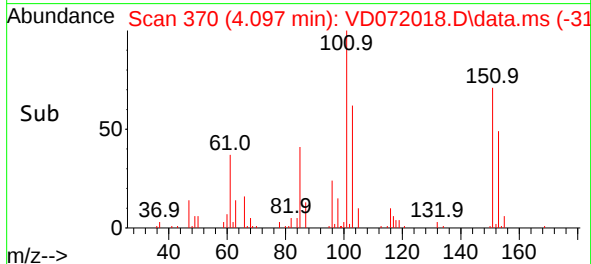
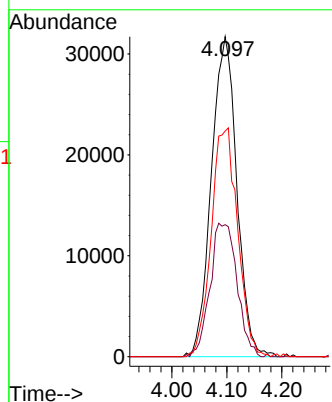
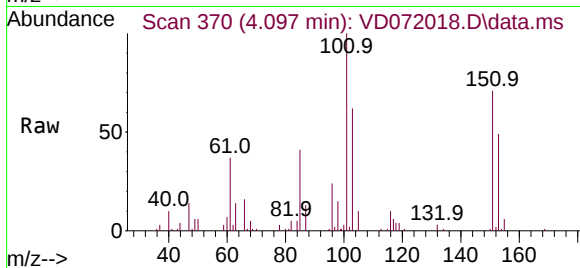




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.004 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD072018.D
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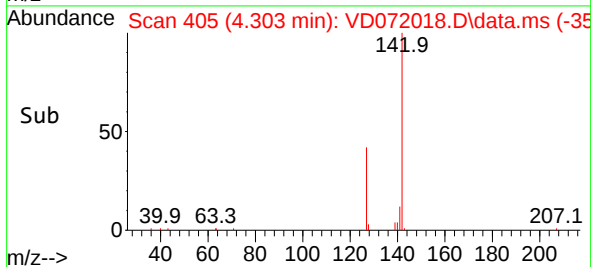
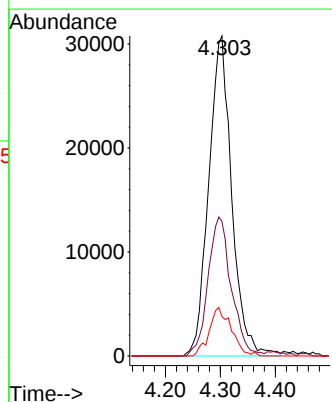
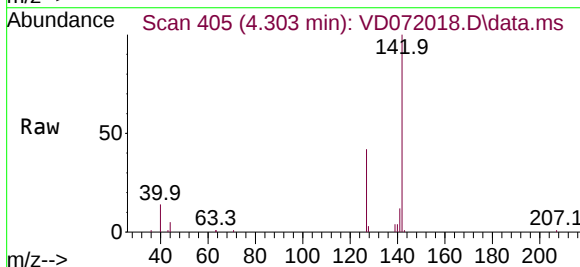
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

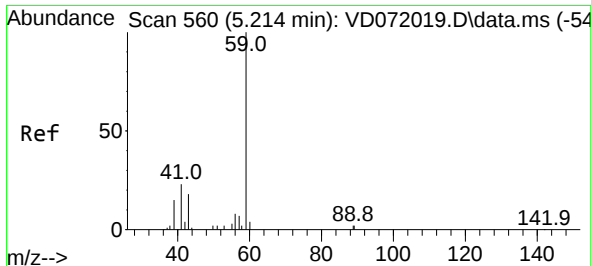
Tgt Ion:101 Resp: 102114
Ion Ratio Lower Upper
101 100
85 44.1 34.1 51.1
151 74.1 59.8 89.6



#10
Methyl Iodide
Concen: 17.828 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion:142 Resp: 89565
Ion Ratio Lower Upper
142 100
127 43.8 35.8 53.8
141 14.6 11.6 17.4

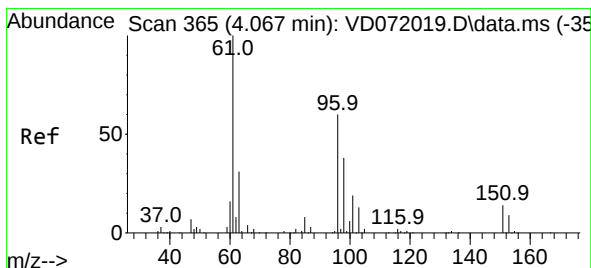
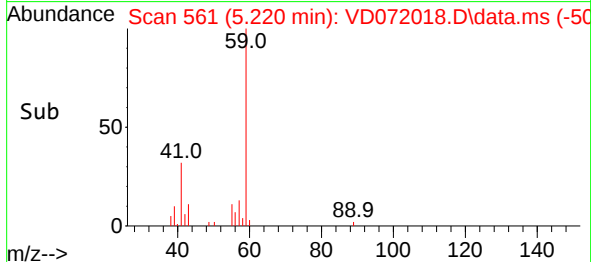
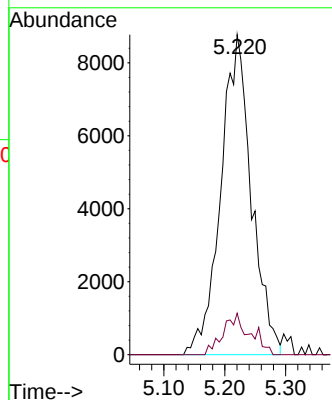
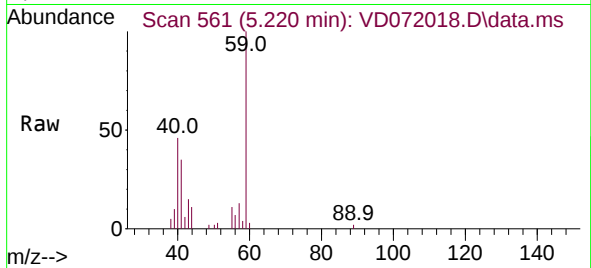




#11
Tert butyl alcohol
Concen: 104.508 ug/l
RT: 5.220 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

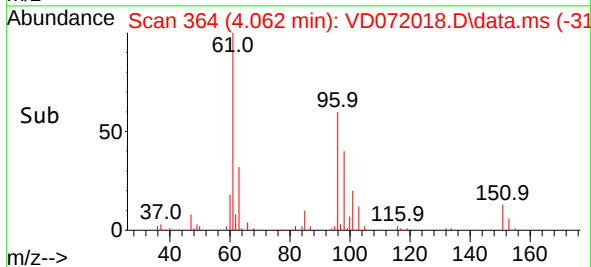
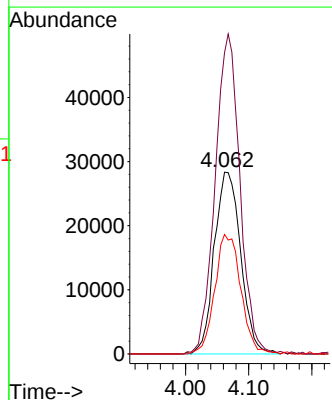
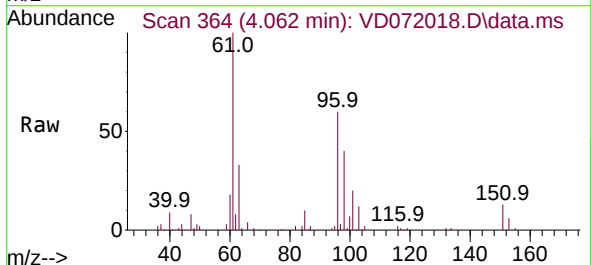
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

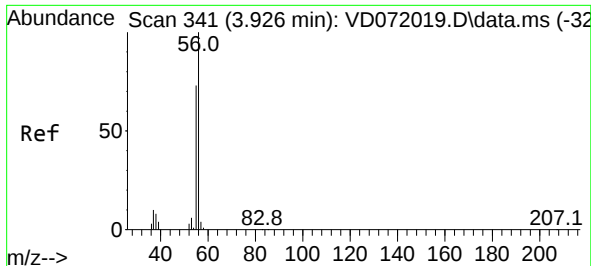
Tgt Ion: 59 Resp: 30688
Ion Ratio Lower Upper
59 100
57 8.5 5.4 8.2#



#12
1,1-Dichloroethene
Concen: 18.147 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 96 Resp: 82277
Ion Ratio Lower Upper
96 100
61 165.6 132.8 199.2
98 65.7 50.1 75.1

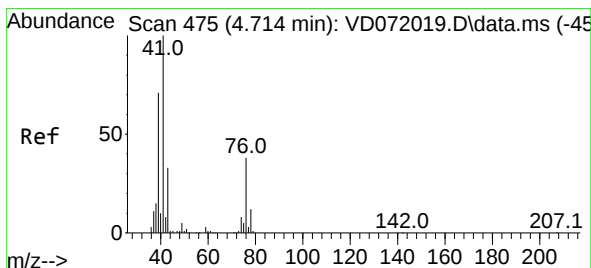
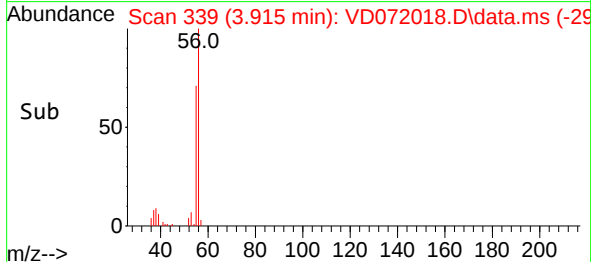
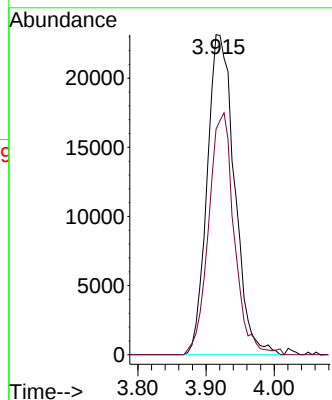
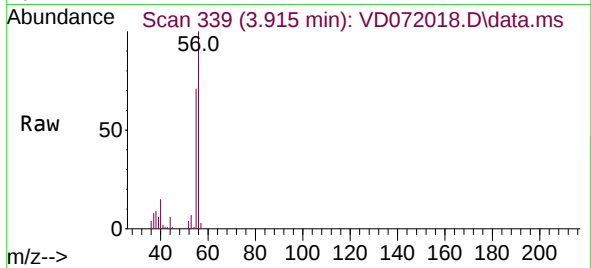




#13
Acrolein
Concen: 111.794 ug/l
RT: 3.915 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

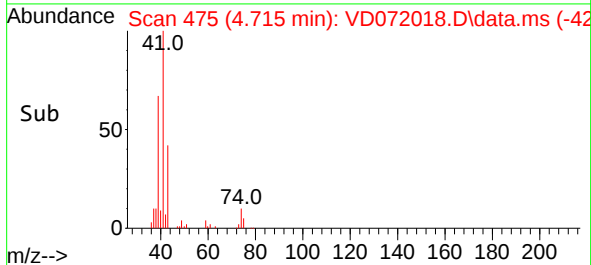
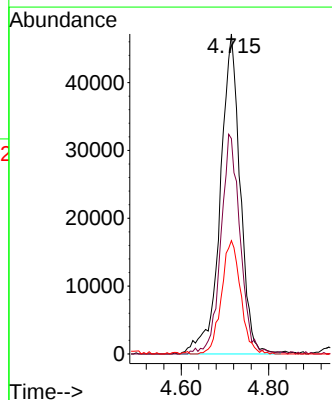
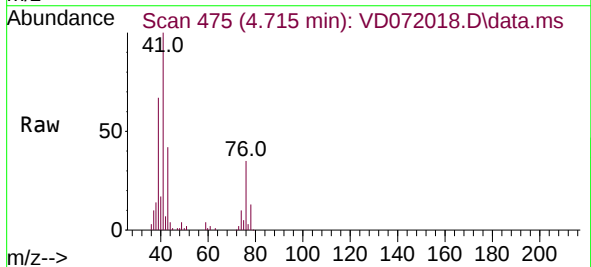
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

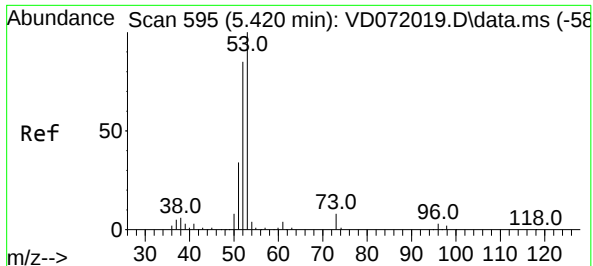
Tgt Ion: 56 Resp: 64733
Ion Ratio Lower Upper
56 100
55 70.7 55.8 83.6



#14
Allyl chloride
Concen: 18.711 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 41 Resp: 148680
Ion Ratio Lower Upper
41 100
39 64.6 52.2 78.2
76 34.2 28.1 42.1

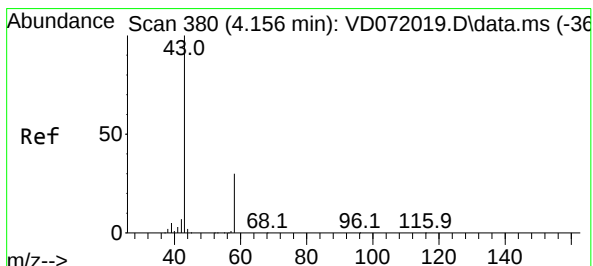
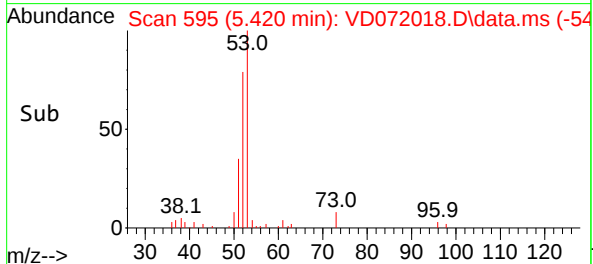
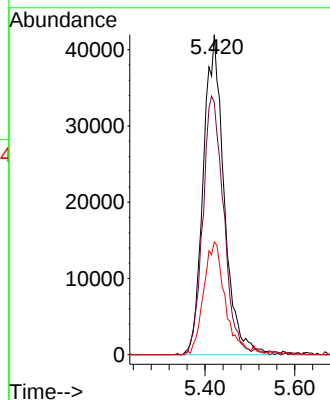
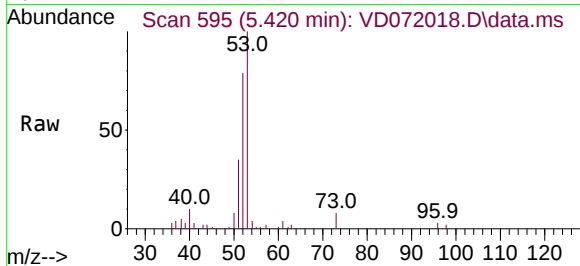




#15
Acrylonitrile
Concen: 107.766 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

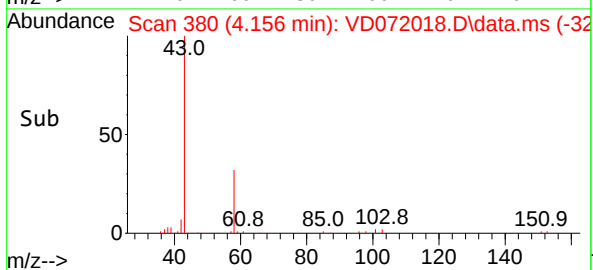
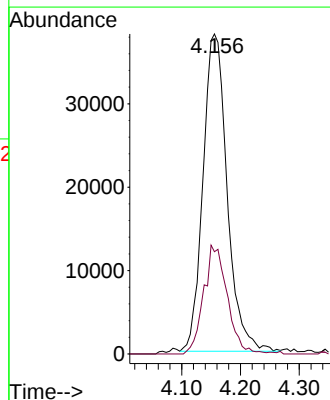
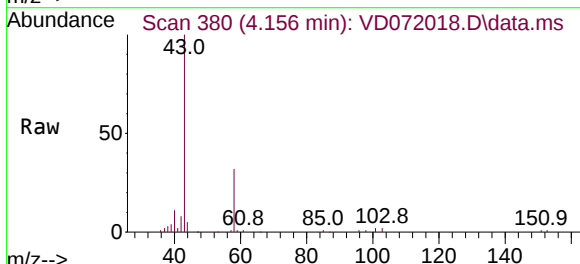
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

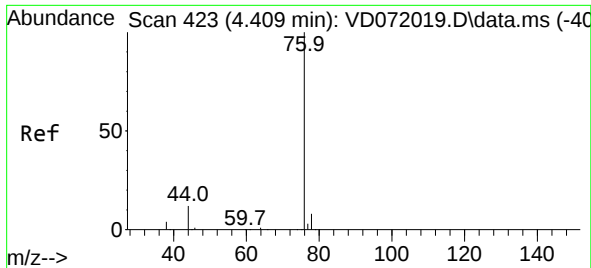
Tgt Ion:	53	Resp:	135657
Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.8	98.6
51	36.1	29.4	44.0



#16
Acetone
Concen: 97.753 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion:	43	Resp:	108726
Ion	Ratio	Lower	Upper
43	100		
58	31.4	23.8	35.6

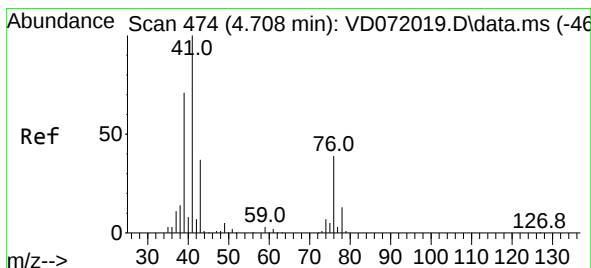
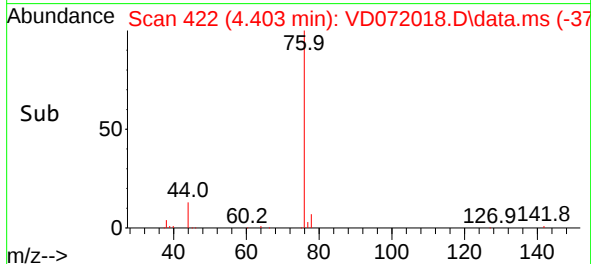
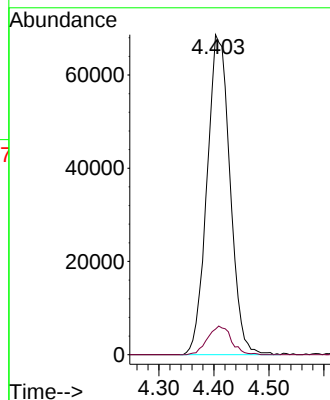
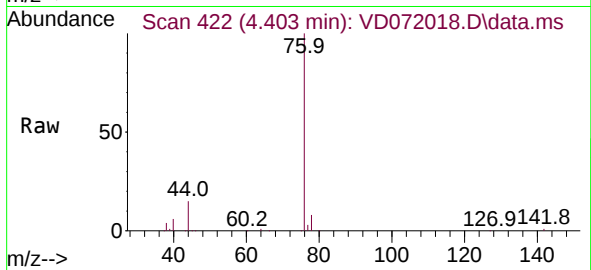




#17
Carbon Disulfide
Concen: 15.346 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

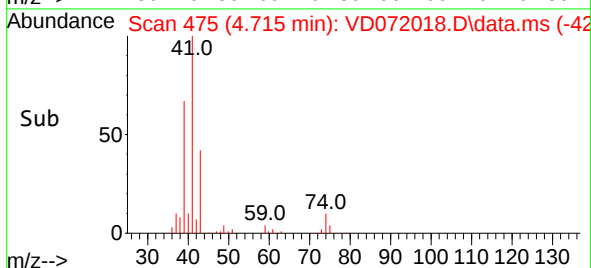
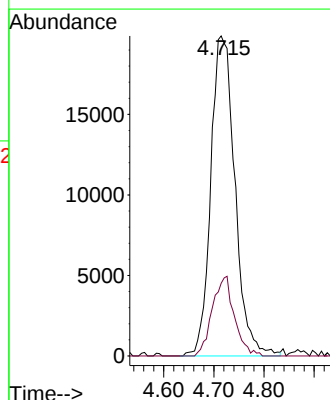
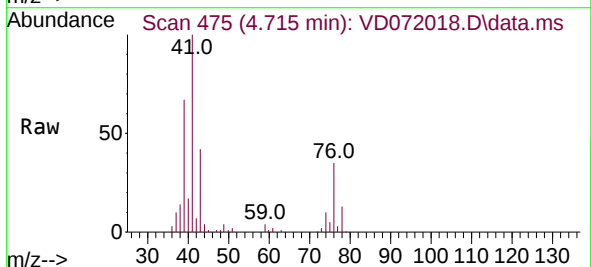
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

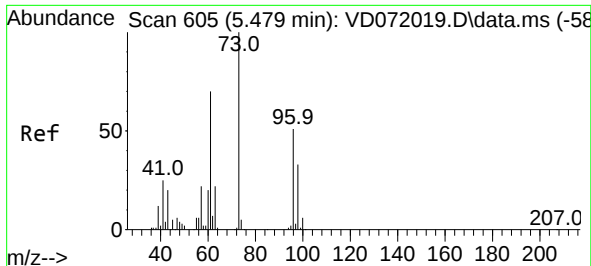
Tgt Ion: 76 Resp: 199459
Ion Ratio Lower Upper
76 100
78 8.0 6.7 10.1



#18
Methyl Acetate
Concen: 20.926 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 43 Resp: 66505
Ion Ratio Lower Upper
43 100
74 22.7 18.6 27.8

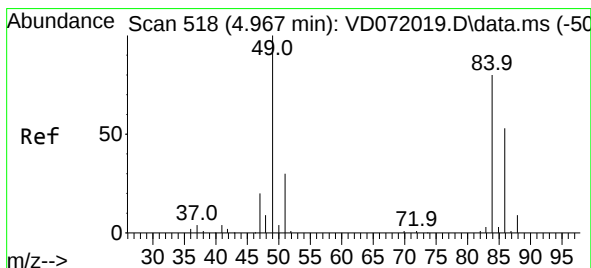
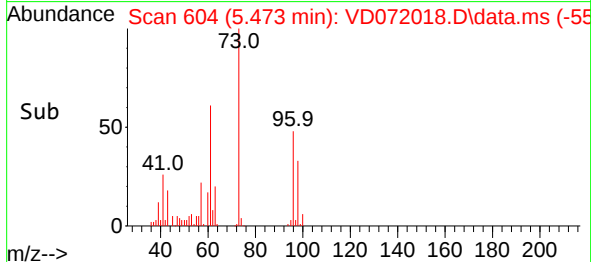
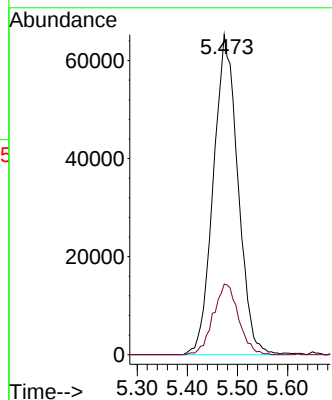
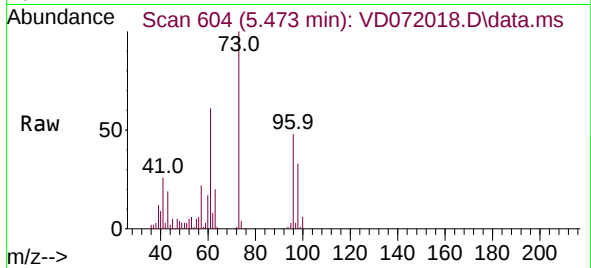




#19
Methyl tert-butyl Ether
Concen: 20.160 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

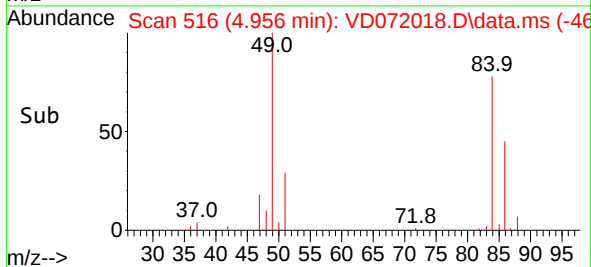
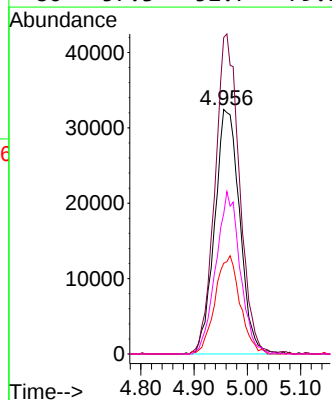
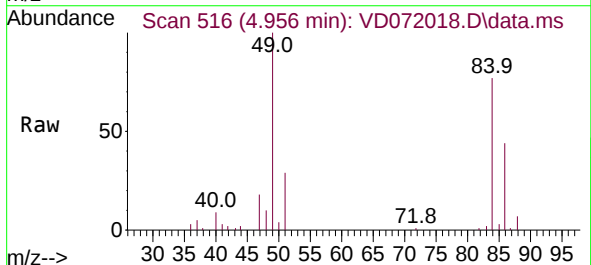
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

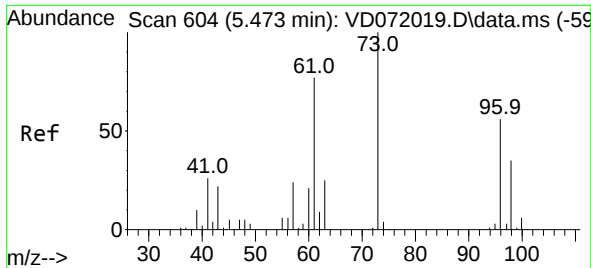
Tgt Ion: 73 Resp: 222357
Ion Ratio Lower Upper
73 100
57 22.0 18.0 27.0



#20
Methylene Chloride
Concen: 19.153 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.012 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 84 Resp: 106021
Ion Ratio Lower Upper
84 100
49 129.5 100.0 150.0
51 37.1 30.2 45.4
86 57.3 52.7 79.1

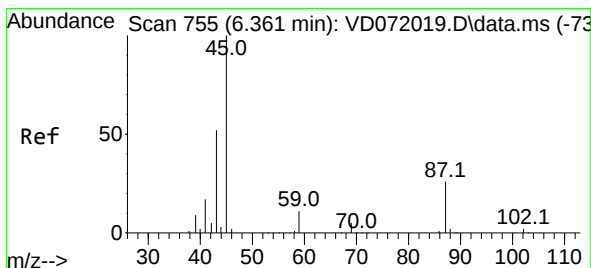
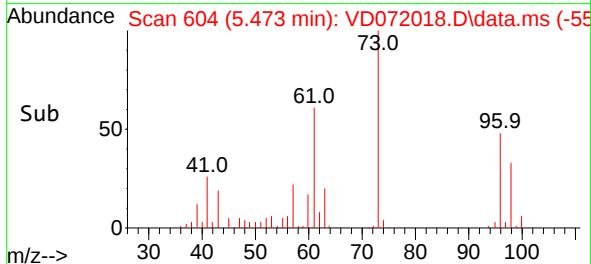
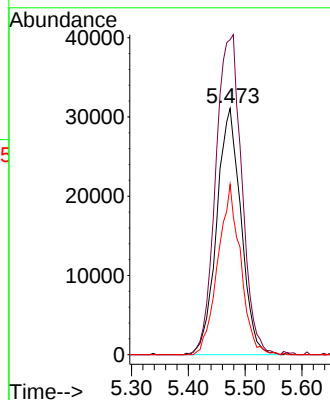
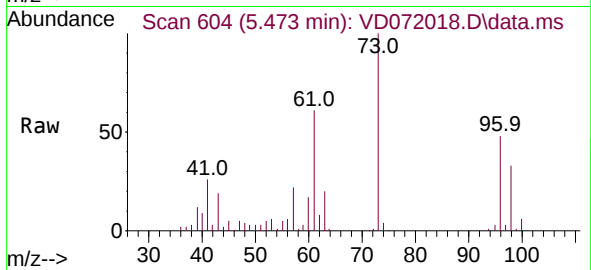




#21
trans-1,2-Dichloroethene
Concen: 18.117 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

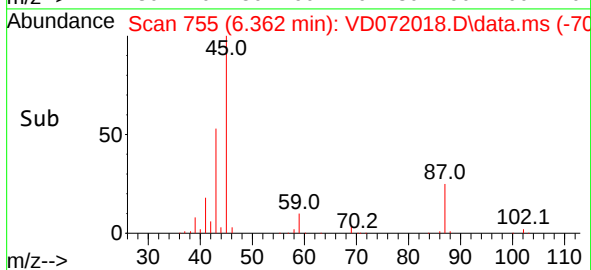
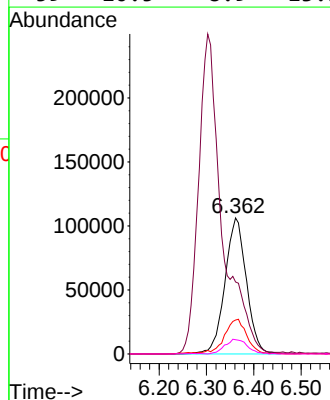
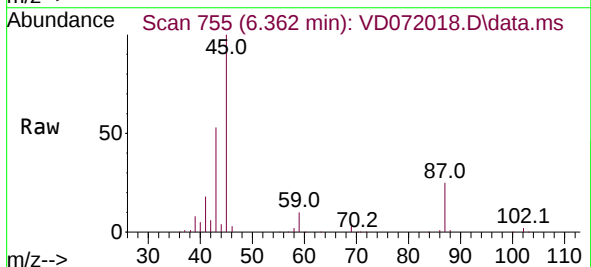
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

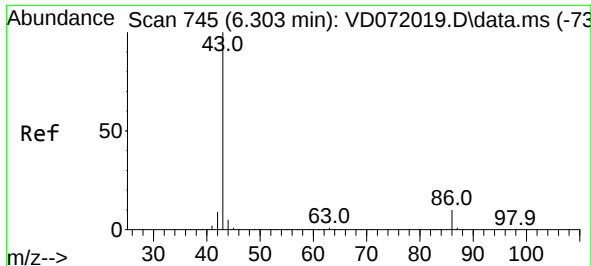
Tgt Ion: 96 Resp: 92297
Ion Ratio Lower Upper
96 100
61 128.0 109.4 164.0
98 69.1 49.6 74.4



#22
Diisopropyl ether
Concen: 20.161 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 45 Resp: 334514
Ion Ratio Lower Upper
45 100
43 51.9 41.3 61.9
87 24.7 20.4 30.6
59 10.5 8.9 13.3

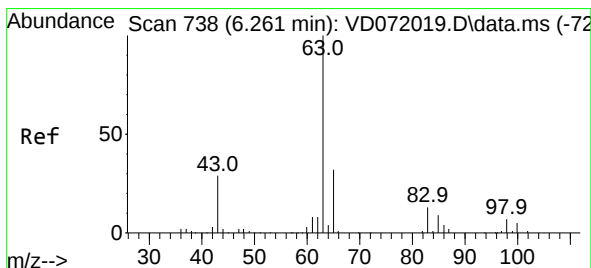
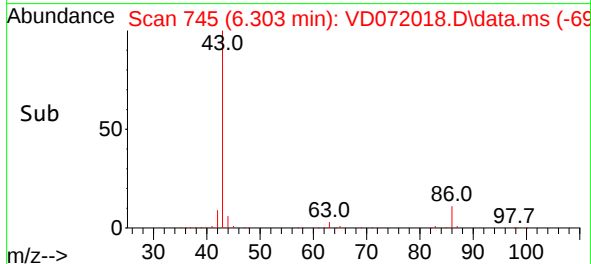
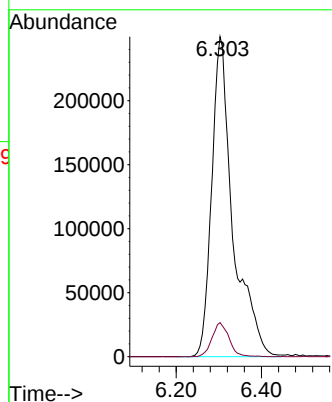
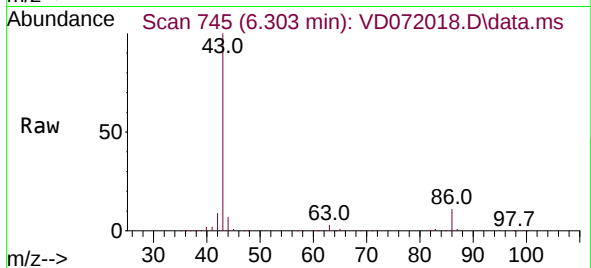




#23
 Vinyl Acetate
 Concen: 97.385 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072018.D
 Acq: 18 Feb 2022 10:18

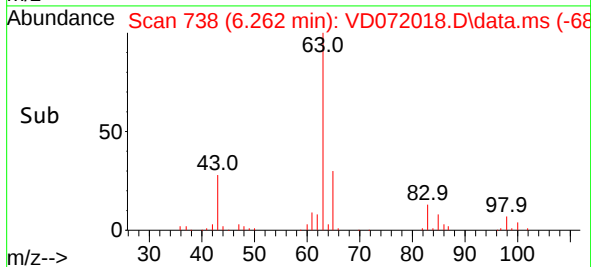
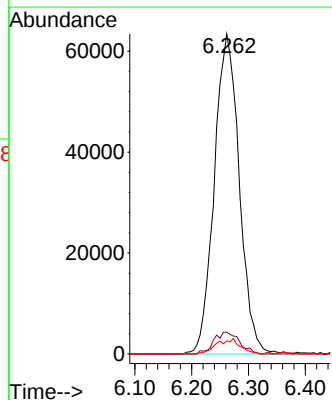
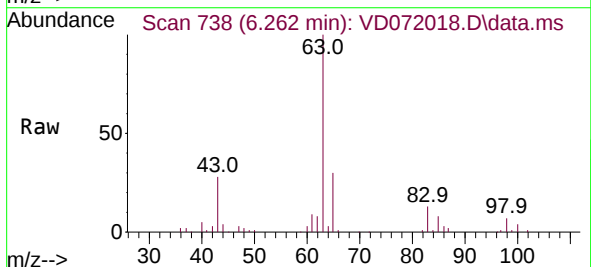
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

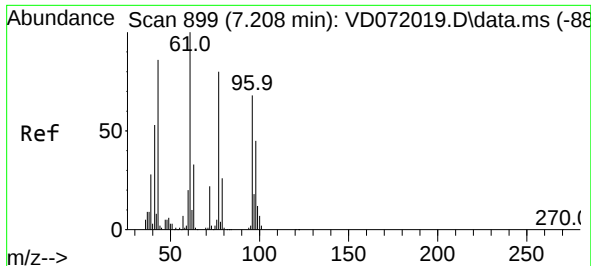
Tgt Ion: 43 Resp: 862900
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 19.633 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072018.D
 Acq: 18 Feb 2022 10:18

Tgt Ion: 63 Resp: 193801
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.1 2.4 7.1

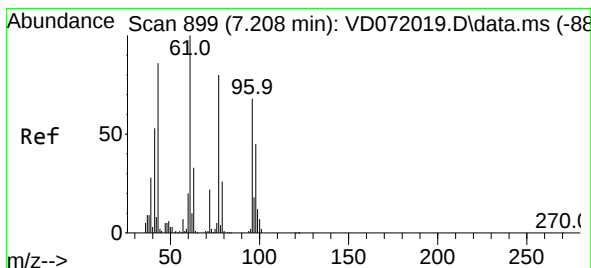
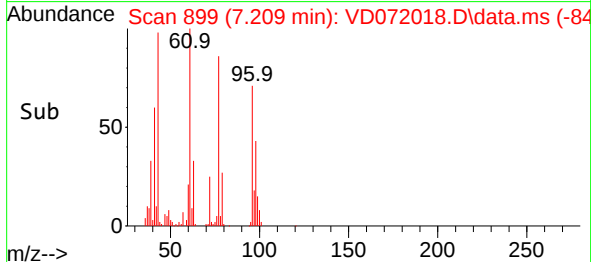
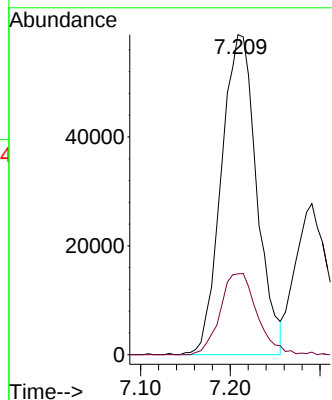
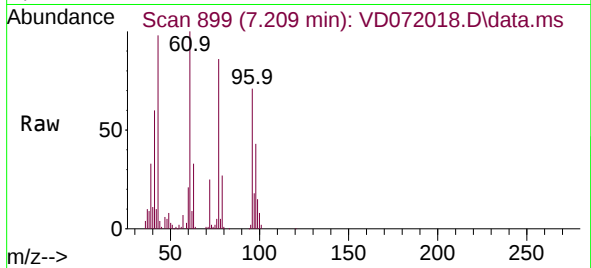




#25
2-Butanone
Concen: 104.811 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

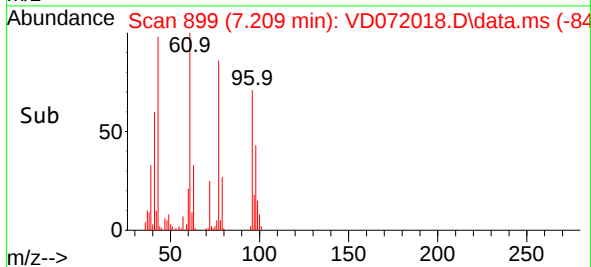
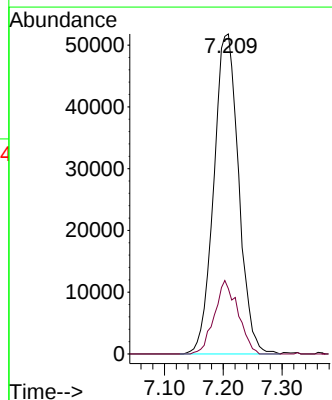
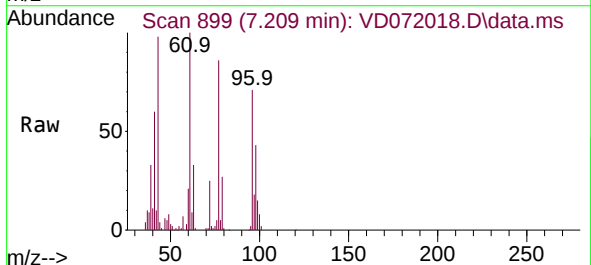
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

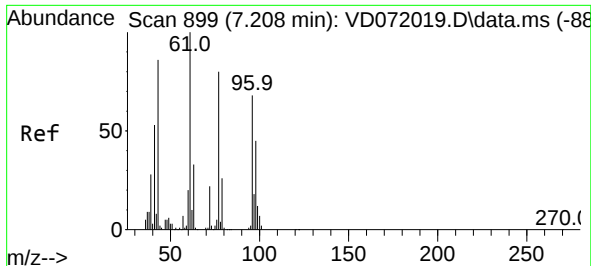
Tgt Ion: 43 Resp: 161122
Ion Ratio Lower Upper
43 100
72 25.3 20.3 30.5



#26
2,2-Dichloropropane
Concen: 19.246 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 77 Resp: 152024
Ion Ratio Lower Upper
77 100
97 21.9 11.4 34.1

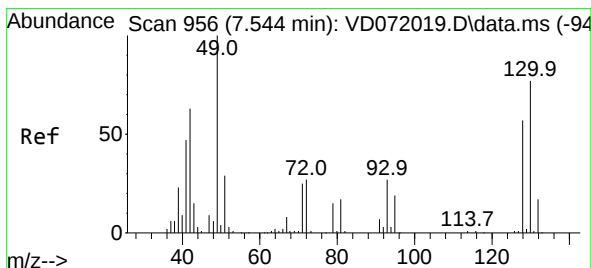
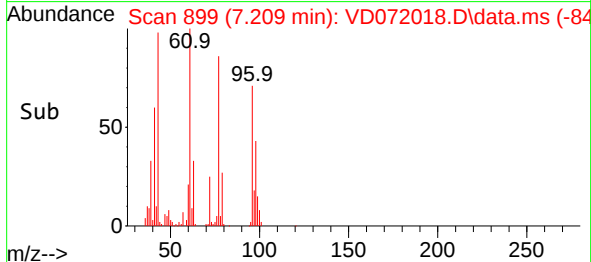
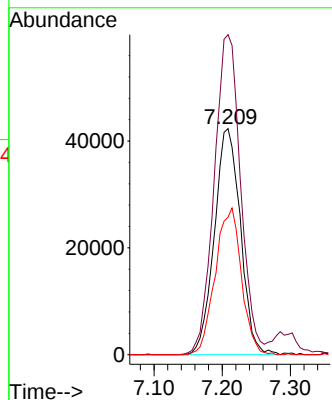
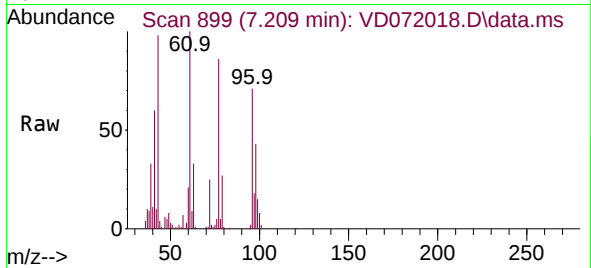




#27
 cis-1,2-Dichloroethene
 Concen: 19.305 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD072018.D
 Acq: 18 Feb 2022 10:18

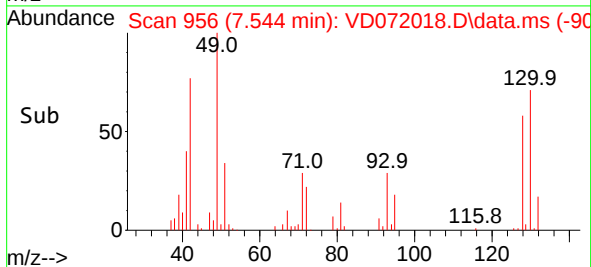
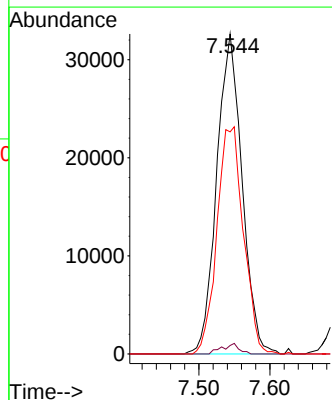
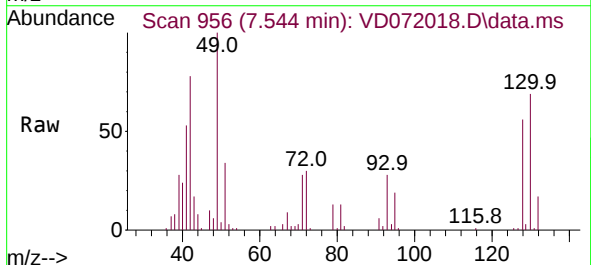
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

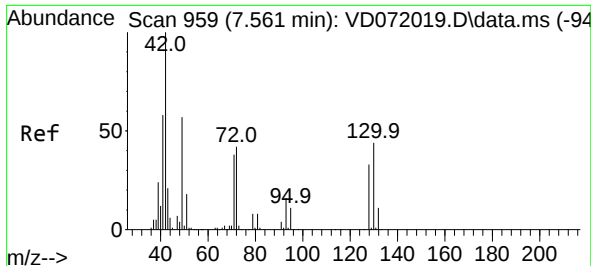
Tgt Ion: 96 Resp: 112680
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 295.6
 98 64.9 0.0 129.8



#28
 Bromochloromethane
 Concen: 19.193 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.000 min
 Lab File: VD072018.D
 Acq: 18 Feb 2022 10:18

Tgt Ion: 49 Resp: 80763
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 74.1 61.1 91.7





#29

Tetrahydrofuran

Concen: 106.212 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072018.D

Acq: 18 Feb 2022 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

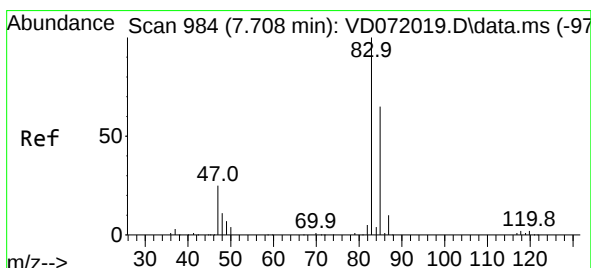
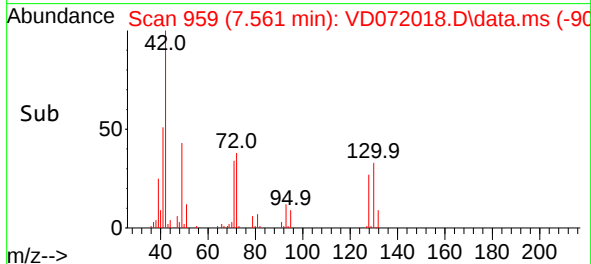
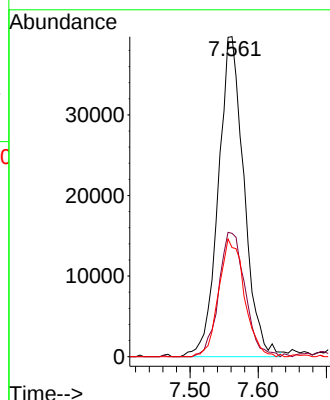
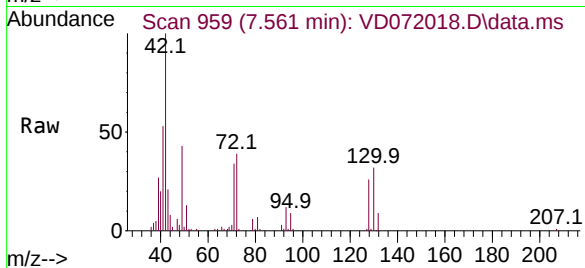
Tgt Ion: 42 Resp: 104203

Ion Ratio Lower Upper

42 100

72 39.8 33.6 50.4

71 36.6 31.0 46.4



#30

Chloroform

Concen: 19.691 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD072018.D

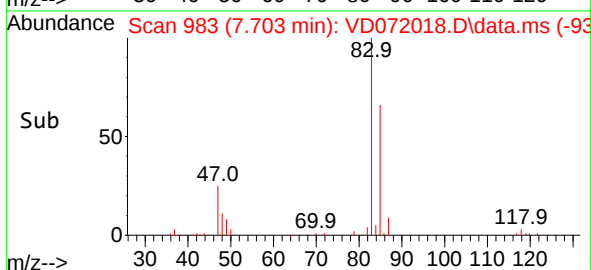
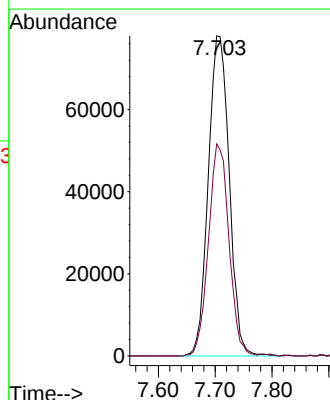
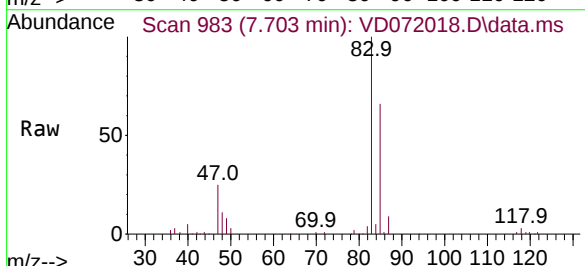
Acq: 18 Feb 2022 10:18

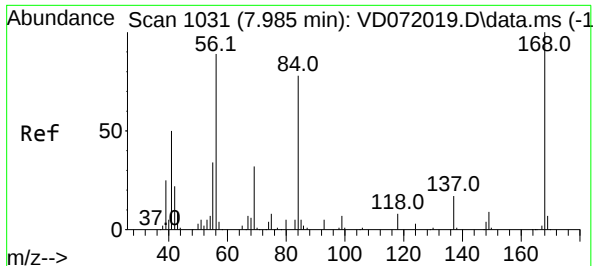
Tgt Ion: 83 Resp: 199563

Ion Ratio Lower Upper

83 100

85 66.3 52.2 78.2

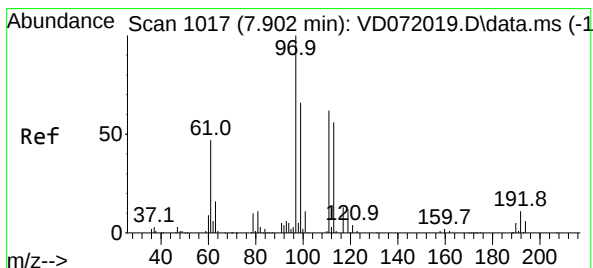
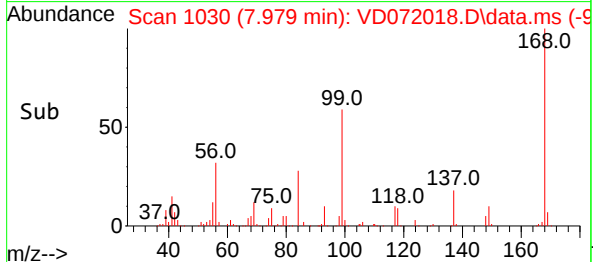
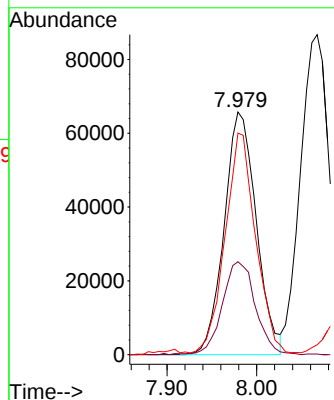
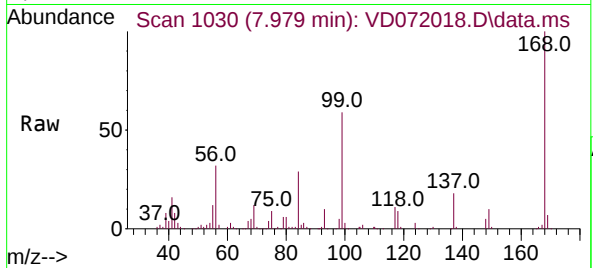




#31
Cyclohexane
Concen: 17.986 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

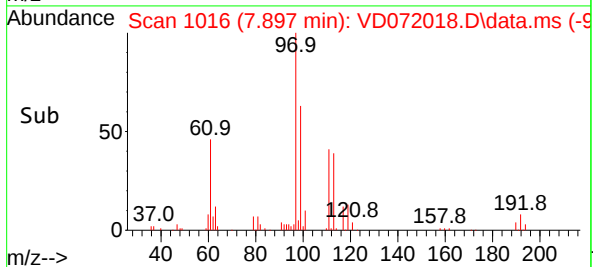
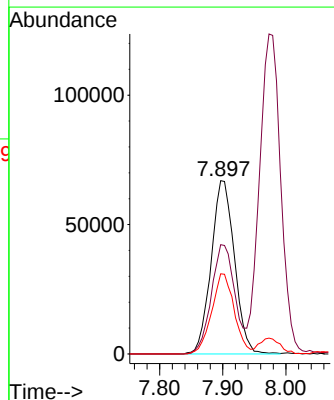
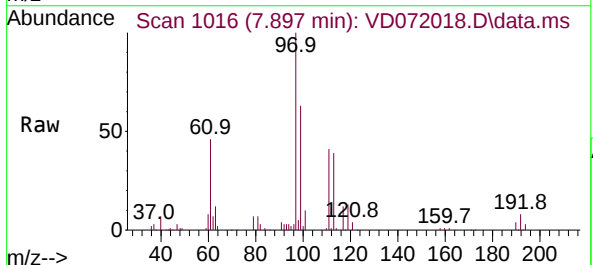
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

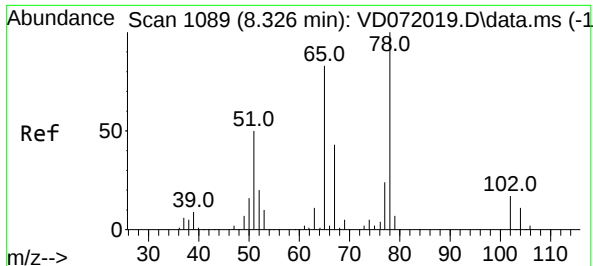
Tgt Ion: 56 Resp: 163500
Ion Ratio Lower Upper
56 100
69 37.9 28.9 43.3
84 90.5 70.6 105.8



#32
1,1,1-Trichloroethane
Concen: 19.701 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 97 Resp: 171830
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 44.7 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 19.350 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072018.D

Acq: 18 Feb 2022 10:18

Instrument :

MSVOA_D

ClientSampleId :

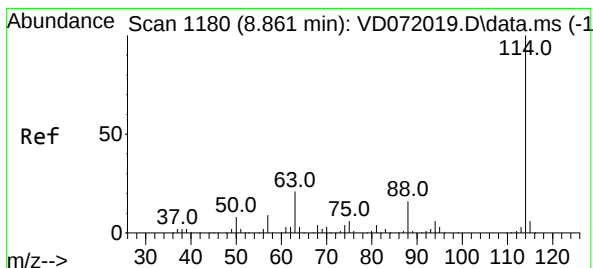
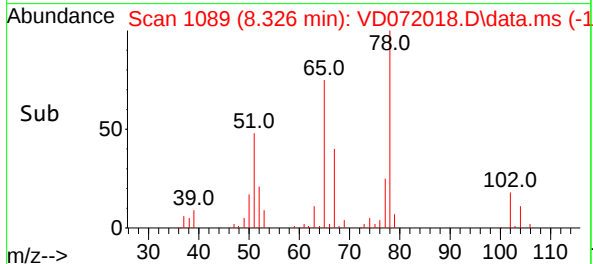
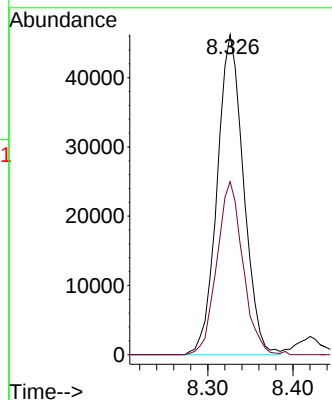
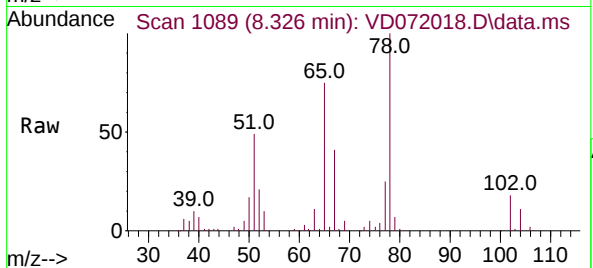
VSTDIC020

Tgt Ion: 65 Resp: 99583

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072018.D

Acq: 18 Feb 2022 10:18

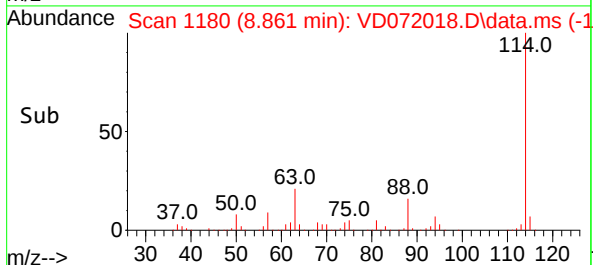
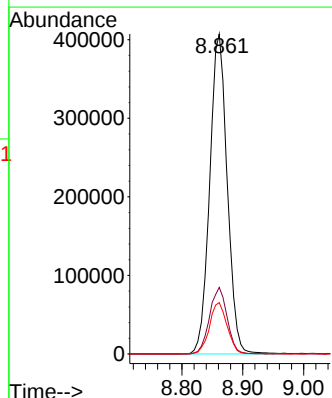
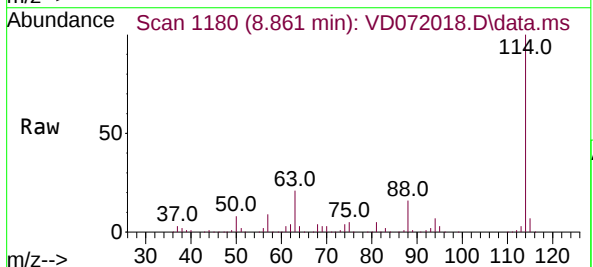
Tgt Ion: 114 Resp: 813926

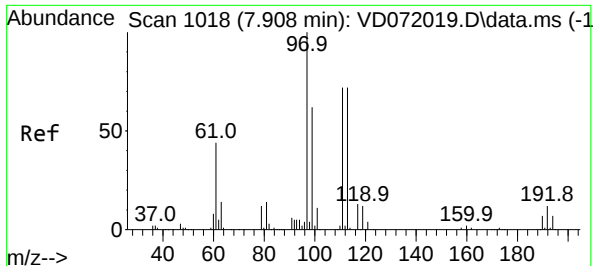
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.2

88 16.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 19.754 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072018.D

Acq: 18 Feb 2022 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

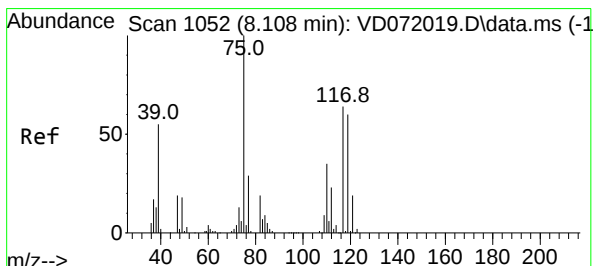
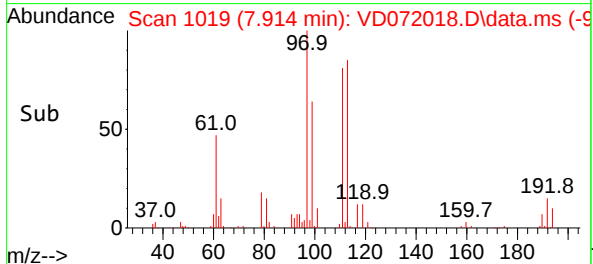
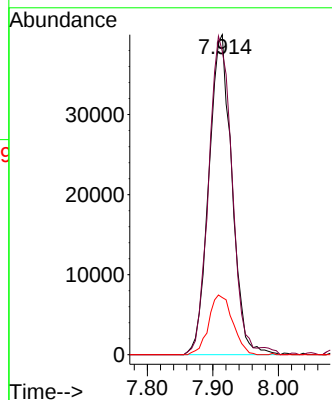
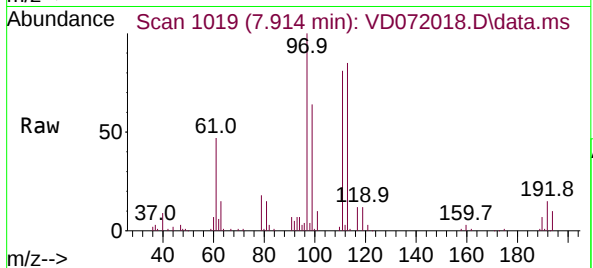
Tgt Ion:113 Resp: 97414

Ion Ratio Lower Upper

113 100

111 100.7 83.0 124.4

192 19.4 15.3 22.9



#36

1,1-Dichloropropene

Concen: 18.531 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD072018.D

Acq: 18 Feb 2022 10:18

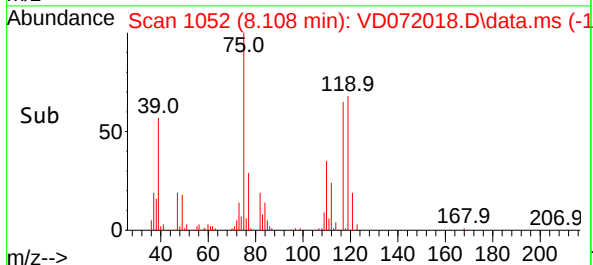
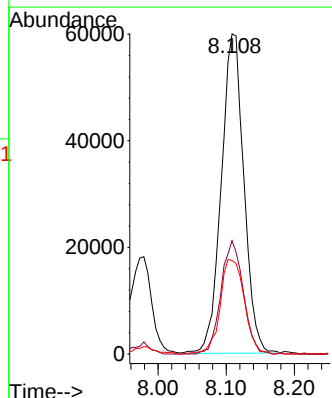
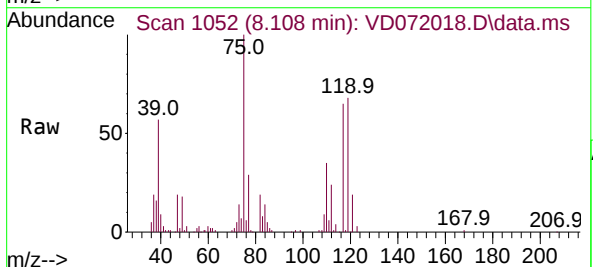
Tgt Ion: 75 Resp: 138423

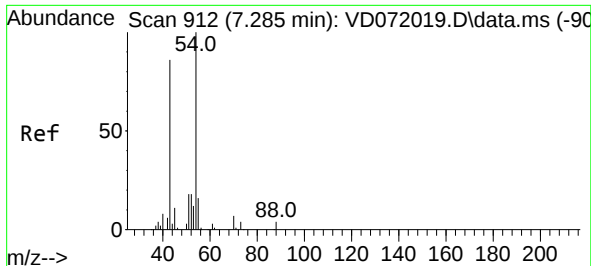
Ion Ratio Lower Upper

75 100

110 34.9 17.7 53.1

77 31.5 24.8 37.2

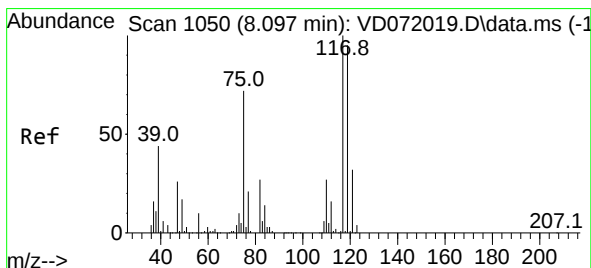
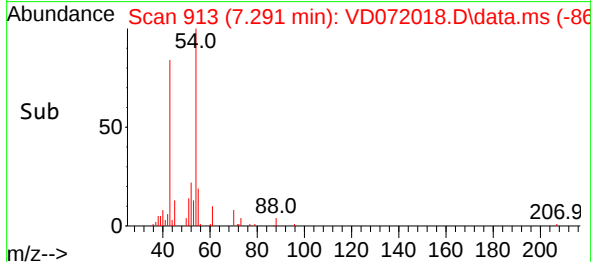
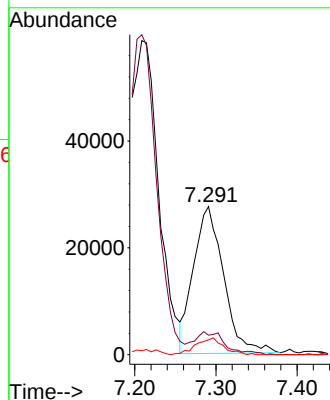
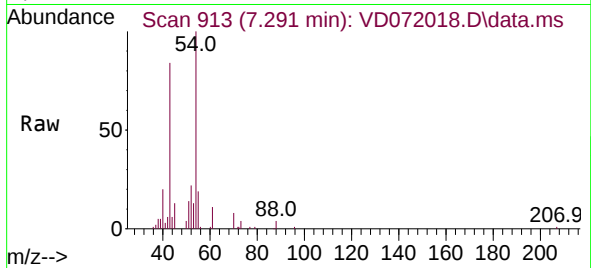




#37
Ethyl Acetate
Concen: 20.601 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

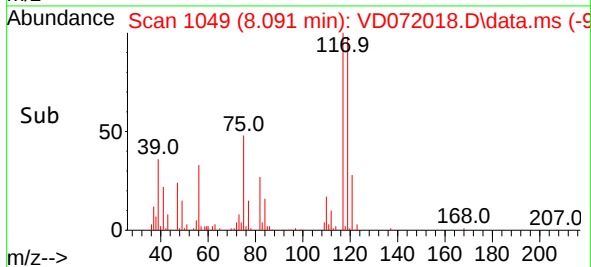
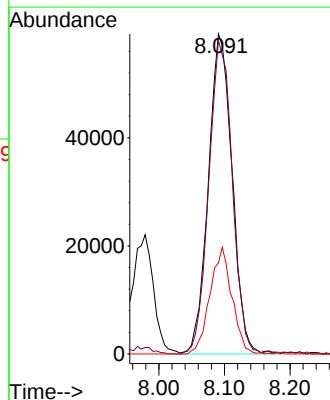
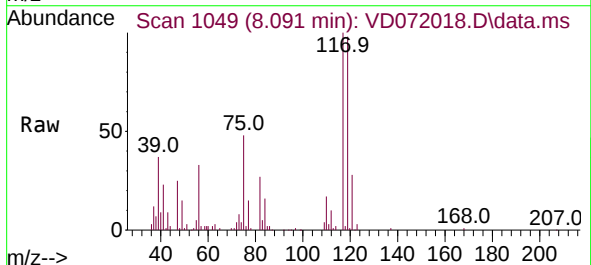
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

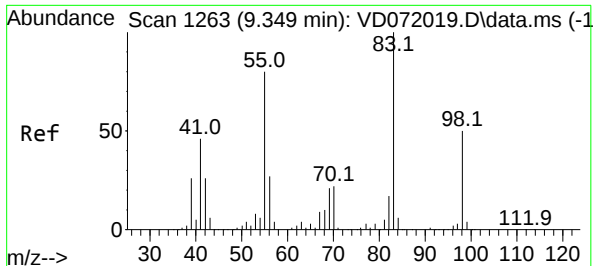
Tgt Ion: 43 Resp: 71361
Ion Ratio Lower Upper
43 100
61 15.9 9.8 14.8#
70 10.4 7.4 11.2



#38
Carbon Tetrachloride
Concen: 19.501 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 117 Resp: 149304
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.8
121 28.4 25.8 38.6





#39

Methylcyclohexane

Concen: 18.075 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VD072018.D

Acq: 18 Feb 2022 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

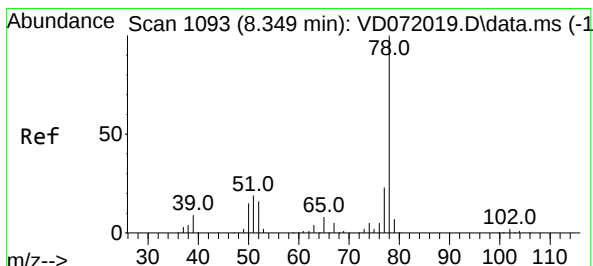
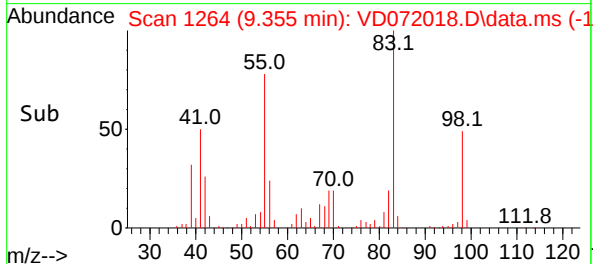
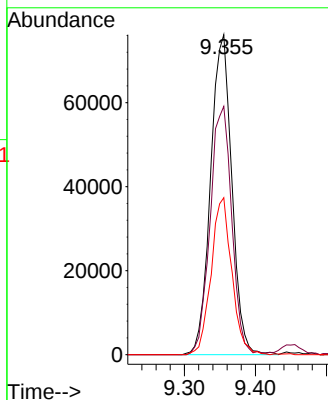
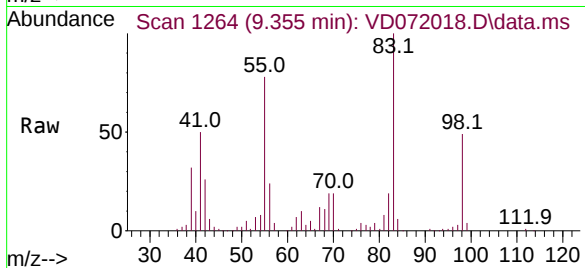
Tgt Ion: 83 Resp: 158028

Ion Ratio Lower Upper

83 100

55 77.6 64.0 96.0

98 49.0 39.8 59.8



#40

Benzene

Concen: 18.864 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD072018.D

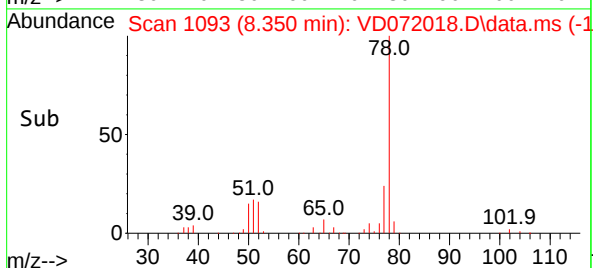
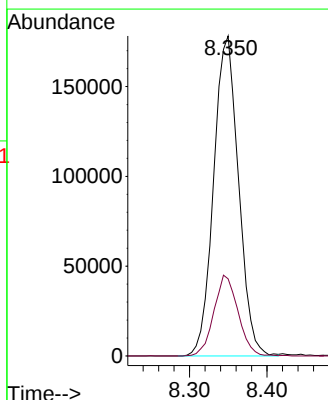
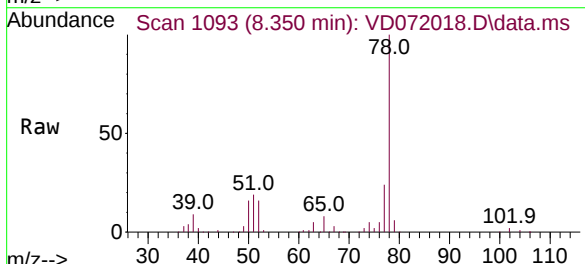
Acq: 18 Feb 2022 10:18

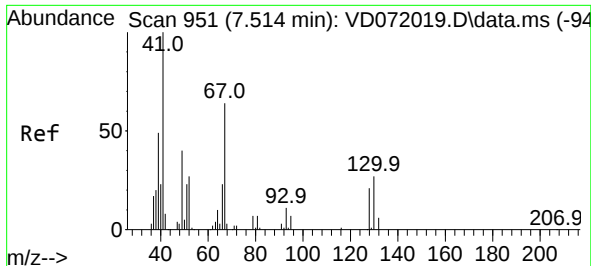
Tgt Ion: 78 Resp: 397619

Ion Ratio Lower Upper

78 100

77 24.1 18.2 27.4

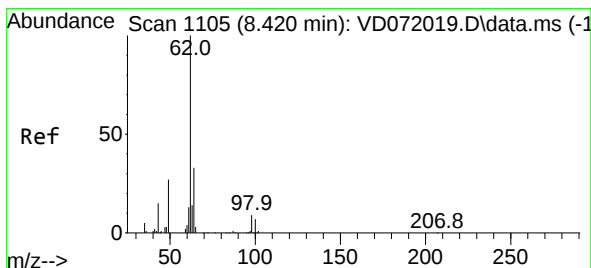
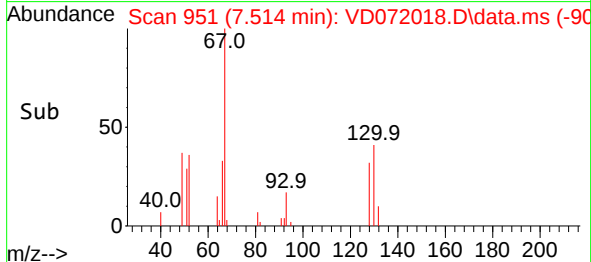
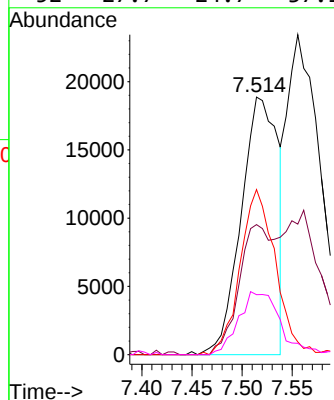
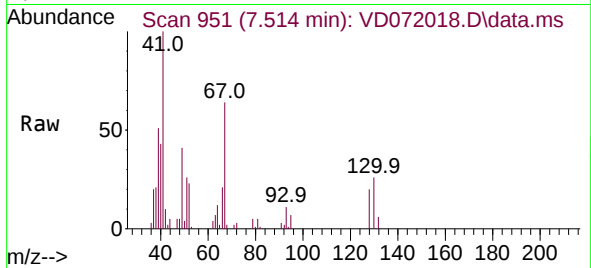




#41
Methacrylonitrile
Concen: 22.444 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

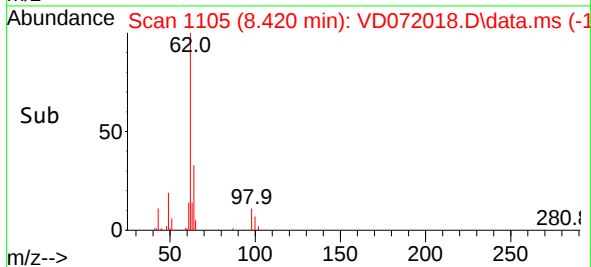
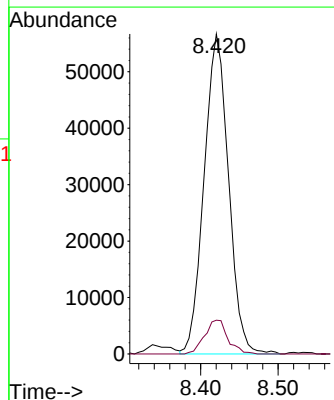
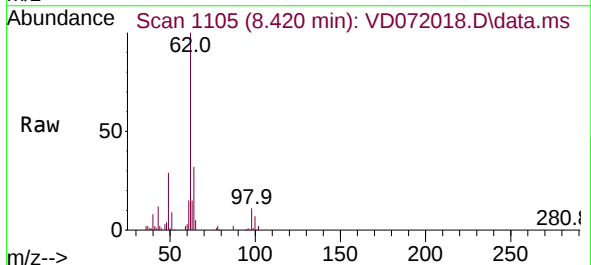
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

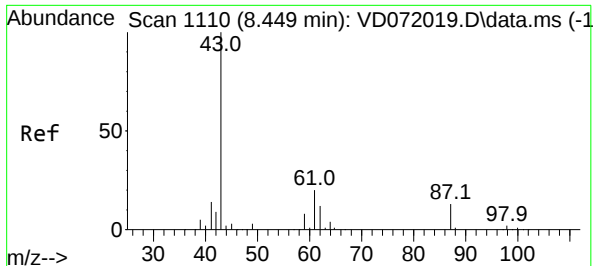
Tgt Ion: 41 Resp: 48210
Ion Ratio Lower Upper
41 100
39 46.6 46.7 70.1#
67 61.4 57.6 86.4
52 27.7 24.7 37.1



#42
1,2-Dichloroethane
Concen: 19.649 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 62 Resp: 124236
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.0





#43

Isopropyl Acetate

Concen: 20.565 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VD072018.D

Acq: 18 Feb 2022 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

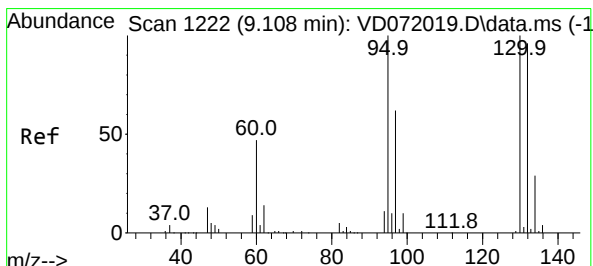
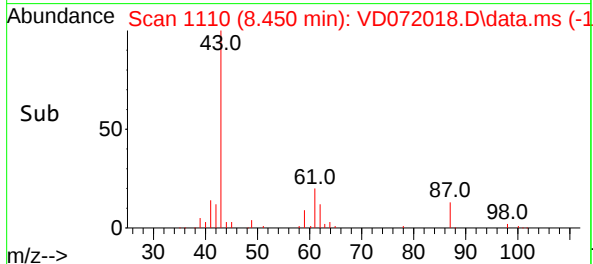
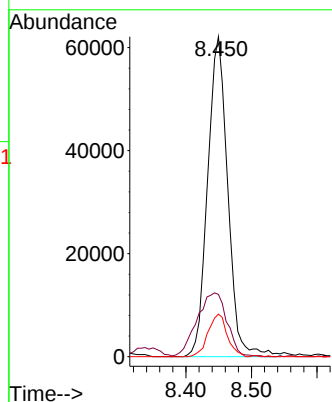
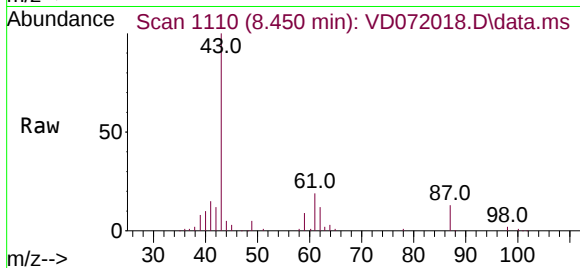
Tgt Ion: 43 Resp: 132654

Ion Ratio Lower Upper

43 100

61 29.7 24.6 37.0

87 12.6 10.1 15.1



#44

Trichloroethene

Concen: 18.796 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD072018.D

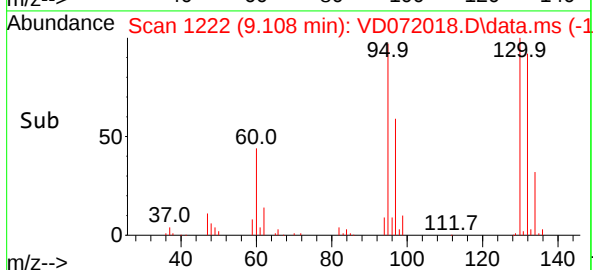
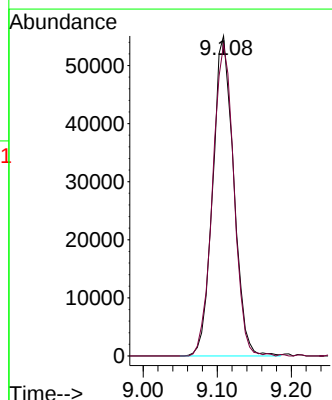
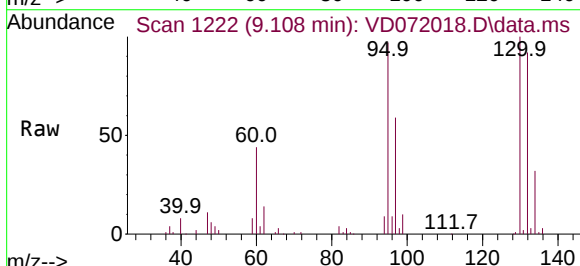
Acq: 18 Feb 2022 10:18

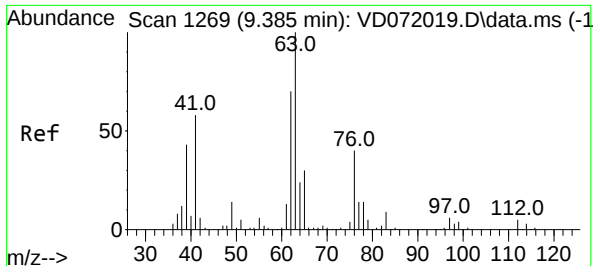
Tgt Ion:130 Resp: 107984

Ion Ratio Lower Upper

130 100

95 97.3 0.0 199.4





#45

1,2-Dichloropropane

Concen: 19.810 ug/l

RT: 9.379 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072018.D

Acq: 18 Feb 2022 10:18

Instrument :

MSVOA_D

ClientSampleId :

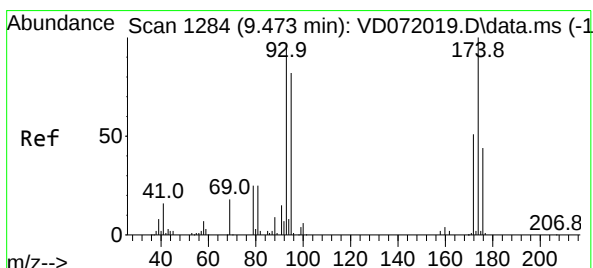
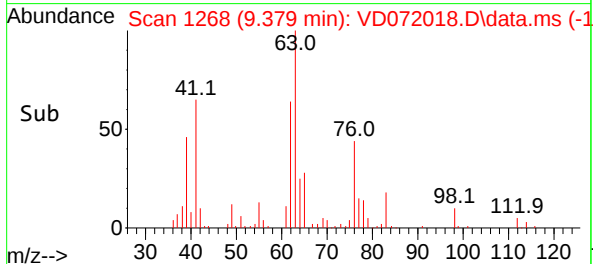
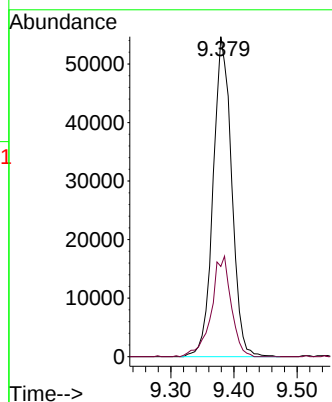
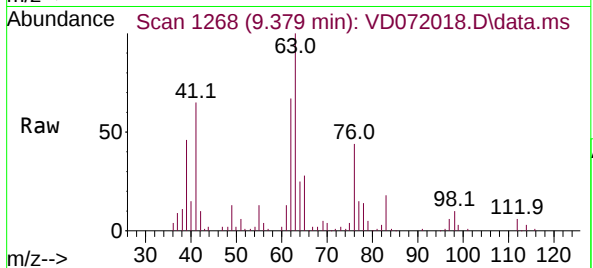
VSTDIC020

Tgt Ion: 63 Resp: 111382

Ion Ratio Lower Upper

63 100

65 28.2 24.0 36.0



#46

Dibromomethane

Concen: 20.499 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD072018.D

Acq: 18 Feb 2022 10:18

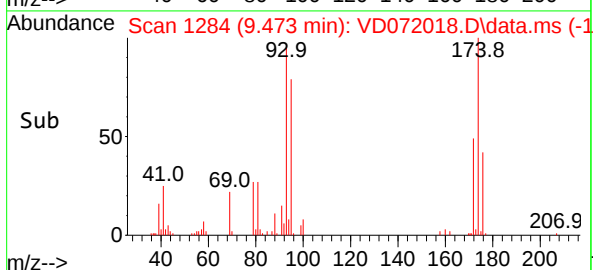
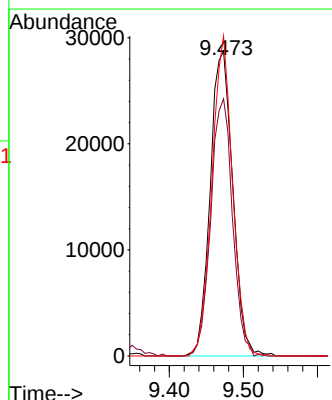
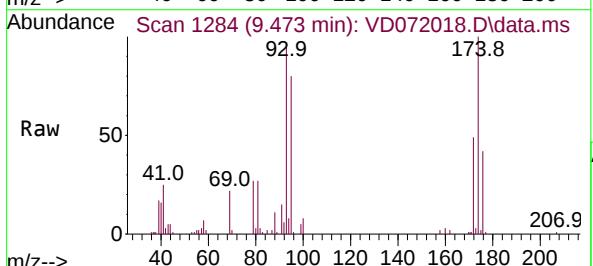
Tgt Ion: 93 Resp: 60823

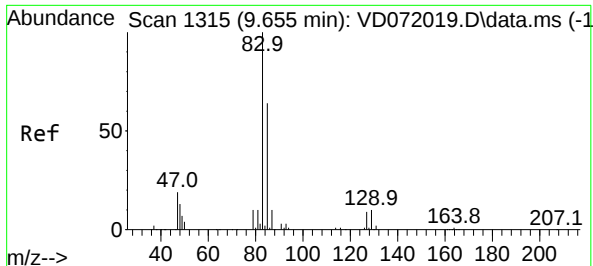
Ion Ratio Lower Upper

93 100

95 81.2 67.5 101.3

174 95.9 80.0 120.0

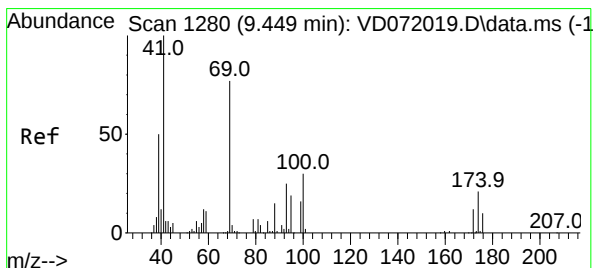
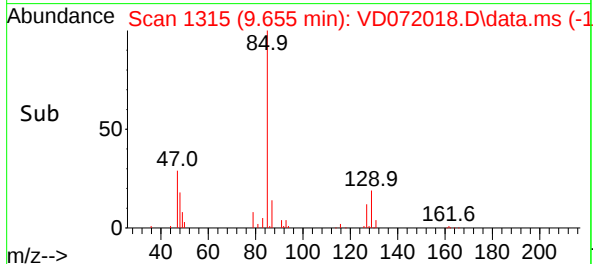
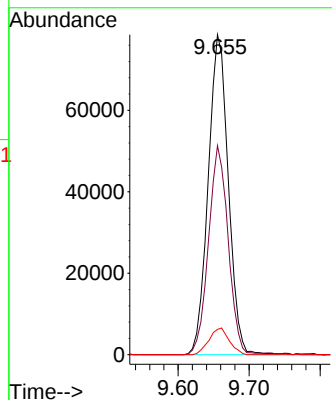
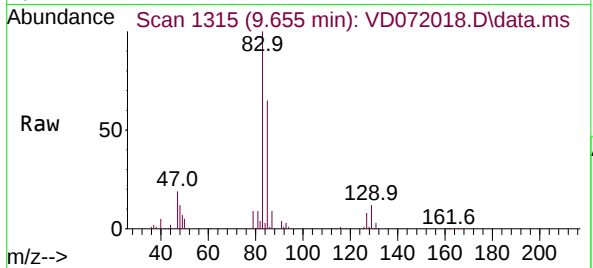




#47
Bromodichloromethane
Concen: 20.184 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

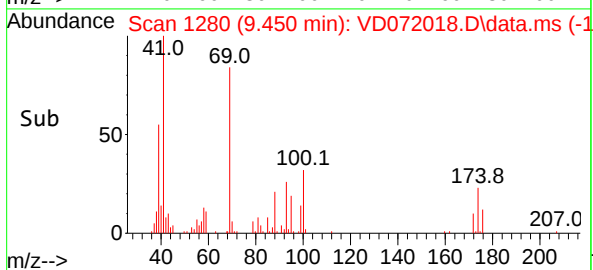
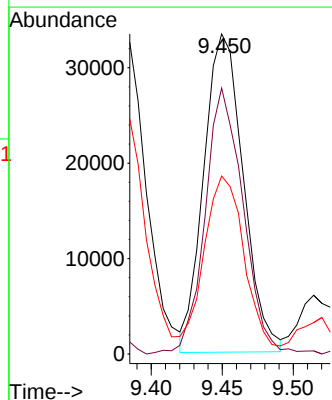
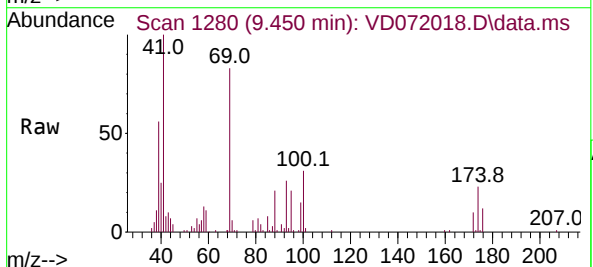
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

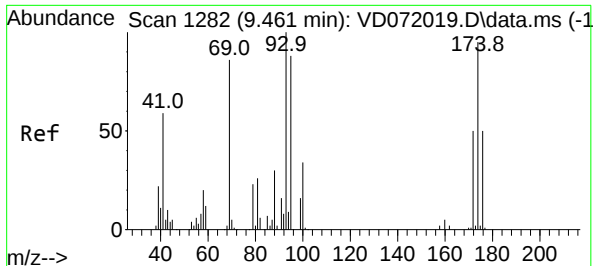
Tgt Ion: 83 Resp: 154493
Ion Ratio Lower Upper
83 100
85 65.3 51.4 77.0
127 7.9 7.0 10.6



#48
Methyl methacrylate
Concen: 19.807 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 41 Resp: 64541
Ion Ratio Lower Upper
41 100
69 80.8 61.6 92.4
39 58.6 38.6 57.8#





#49

1,4-Dioxane

Concen: 422.765 ug/l

RT: 9.450 min Scan# 11

Delta R.T. -0.012 min

Lab File: VD072018.D

Acq: 18 Feb 2022 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

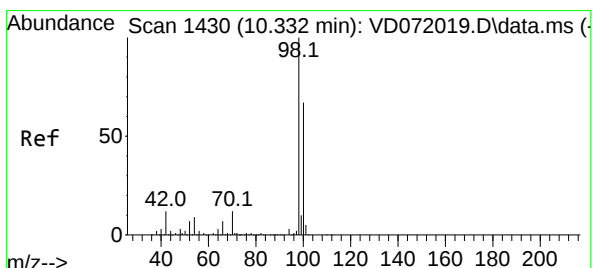
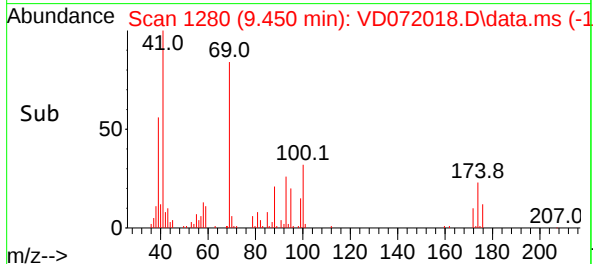
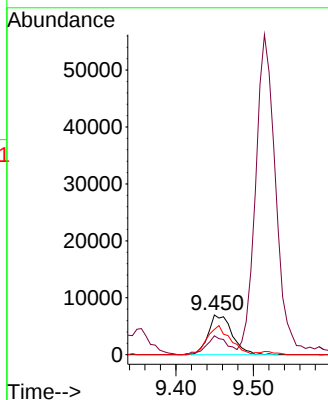
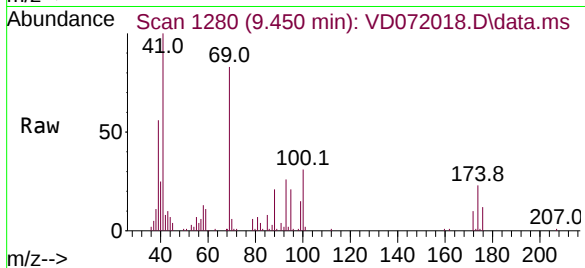
Tgt Ion: 88 Resp: 14881

Ion Ratio Lower Upper

88 100

43 42.2 29.9 44.9

58 70.6 61.0 91.4



#50

Toluene-d8

Concen: 18.578 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD072018.D

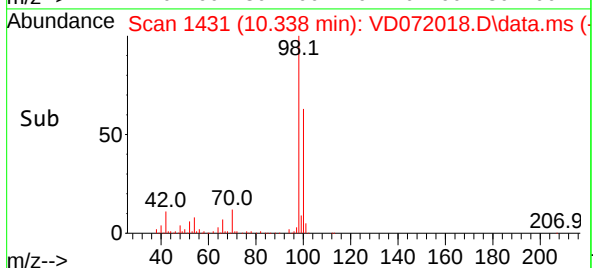
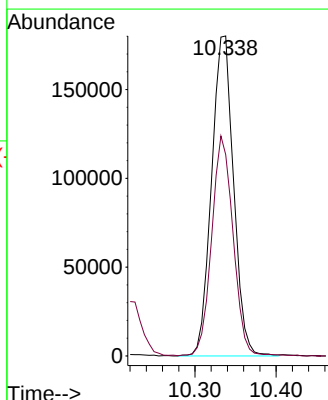
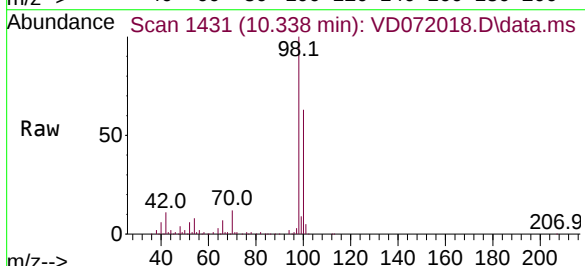
Acq: 18 Feb 2022 10:18

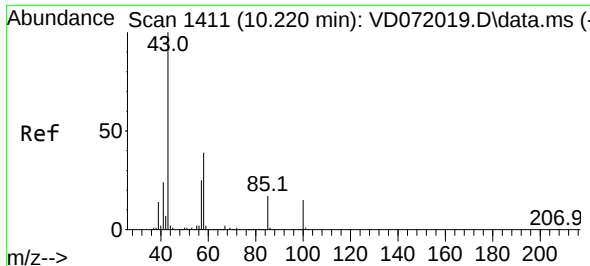
Tgt Ion: 98 Resp: 339747

Ion Ratio Lower Upper

98 100

100 67.0 53.8 80.6

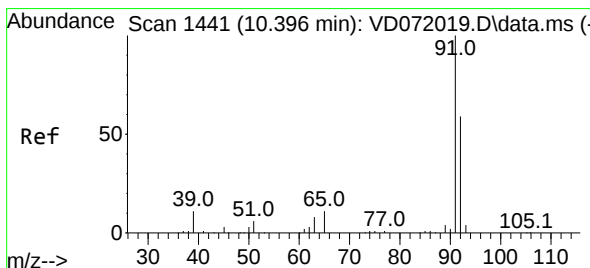
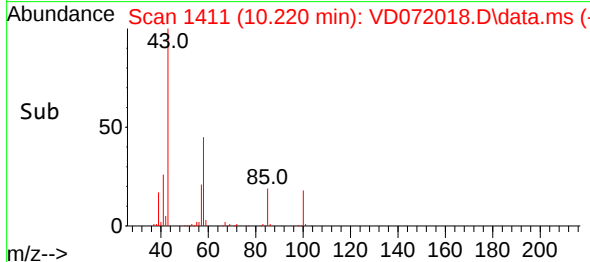
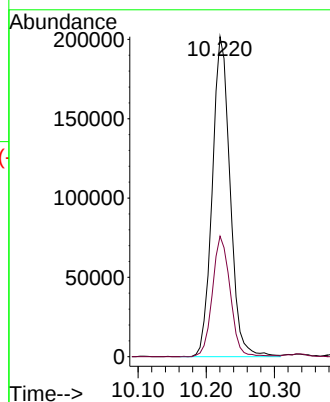
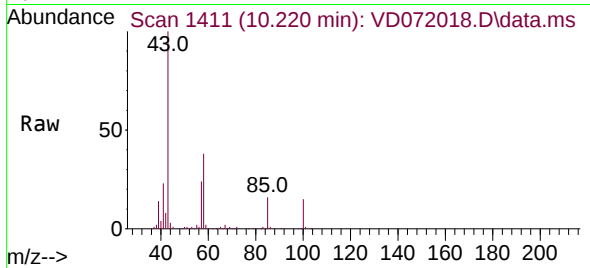




#51
4-Methyl-2-Pentanone
Concen: 107.642 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

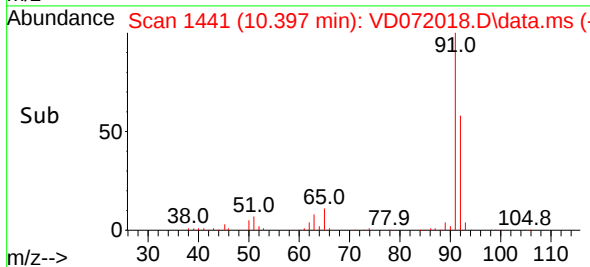
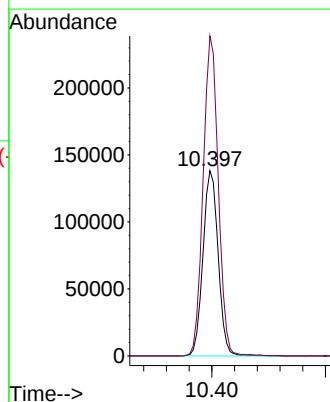
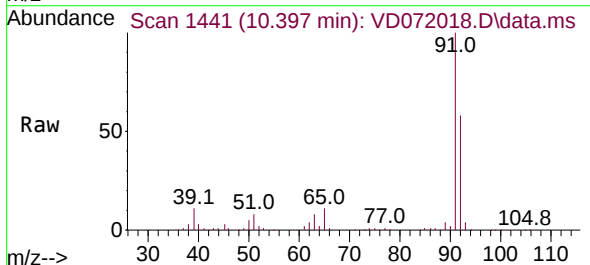
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

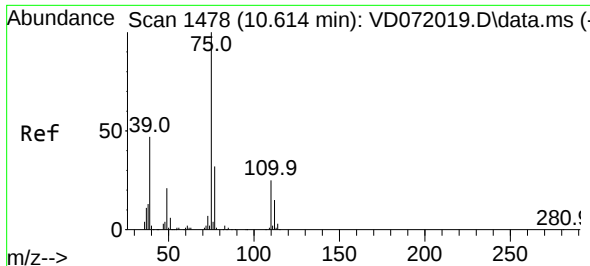
Tgt Ion: 43 Resp: 367976
Ion Ratio Lower Upper
43 100
58 37.4 30.8 46.2



#52
Toluene
Concen: 18.950 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 92 Resp: 255613
Ion Ratio Lower Upper
92 100
91 172.6 135.6 203.4

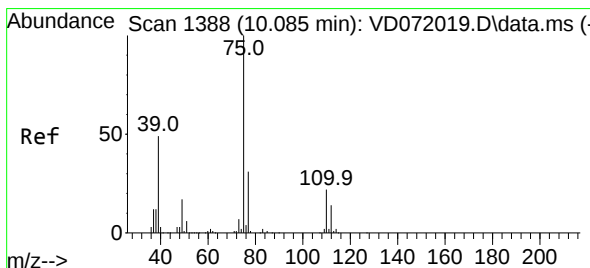
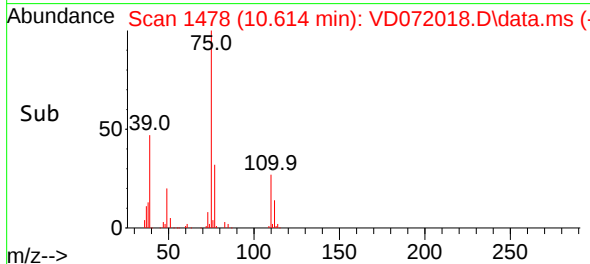
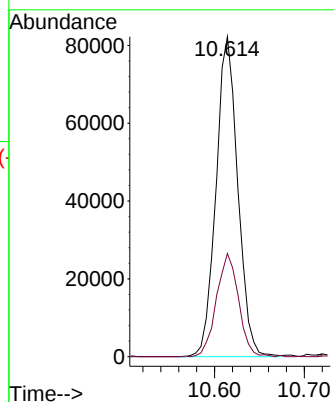
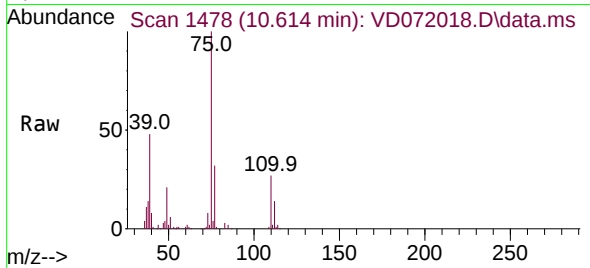




#53
t-1,3-Dichloropropene
Concen: 19.796 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

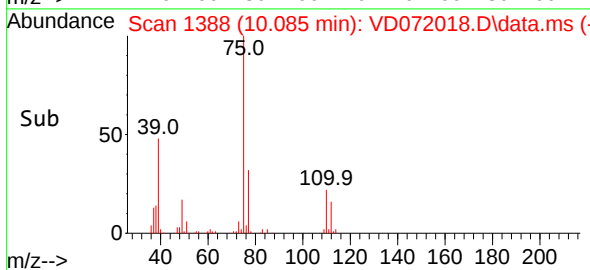
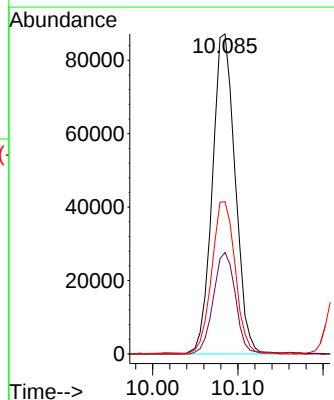
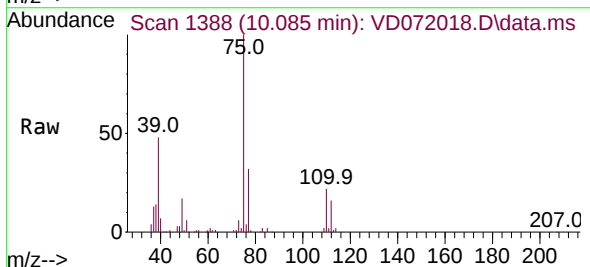
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

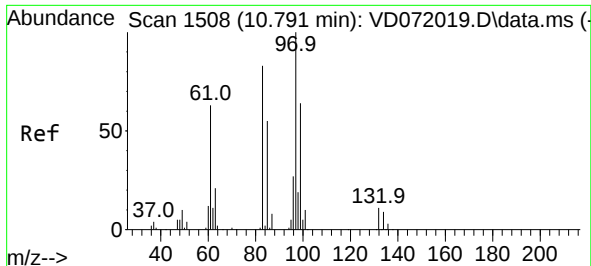
Tgt Ion: 75 Resp: 138575
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 19.662 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 75 Resp: 162900
Ion Ratio Lower Upper
75 100
77 31.7 24.7 37.1
39 47.3 39.1 58.7

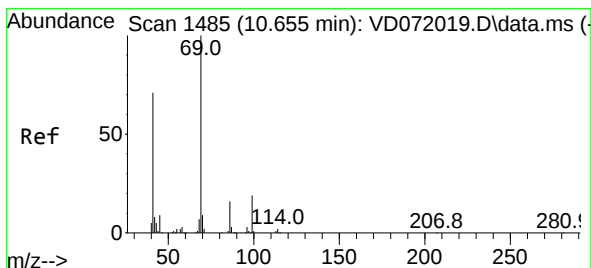
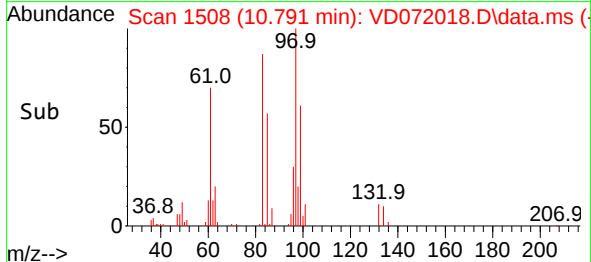
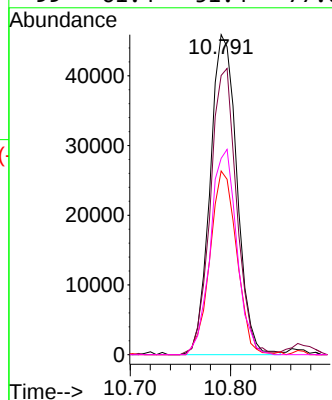
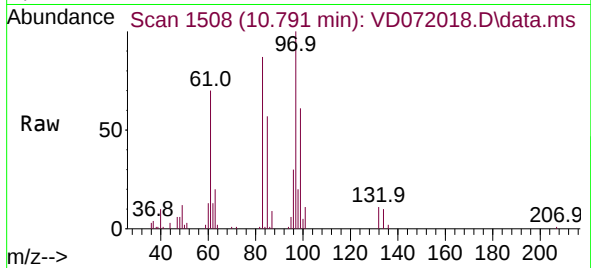




#55
1,1,2-Trichloroethane
Concen: 20.421 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

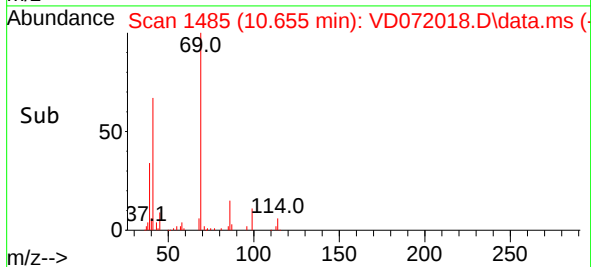
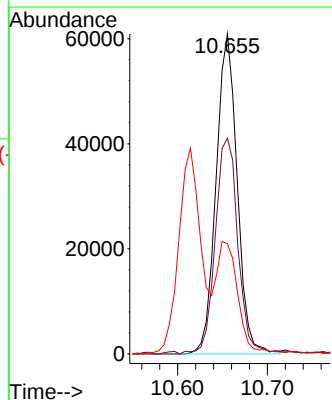
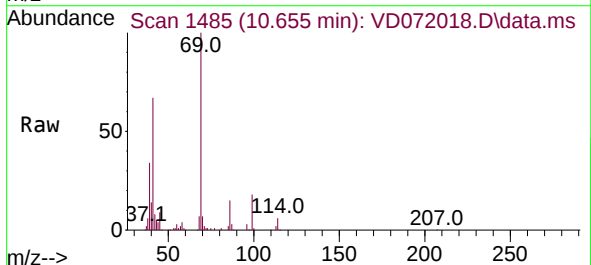
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

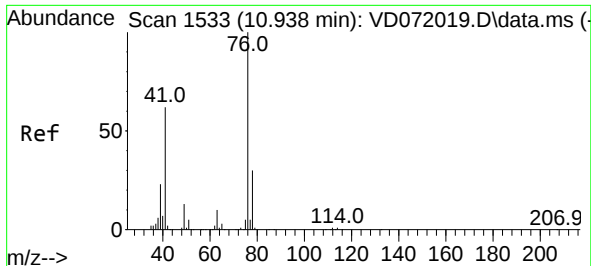
Tgt Ion:	97	Resp:	85269
Ion	Ratio	Lower	Upper
97	100		
83	87.3	66.2	99.4
85	57.4	43.7	65.5
99	61.4	51.4	77.0



#56
Ethyl methacrylate
Concen: 19.938 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion:	69	Resp:	99421
Ion	Ratio	Lower	Upper
69	100		
41	72.0	56.8	85.2
39	34.1	28.2	42.4





#57

1,3-Dichloropropane

Concen: 20.347 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072018.D

Acq: 18 Feb 2022 10:18

Instrument :

MSVOA_D

ClientSampleId :

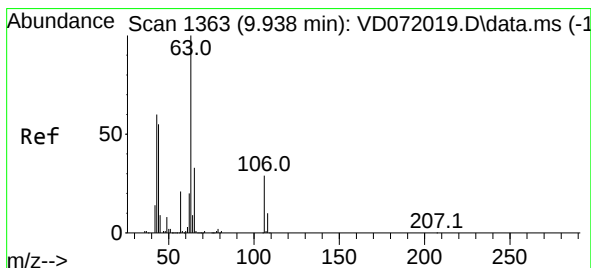
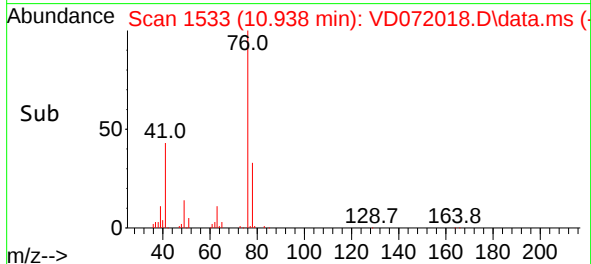
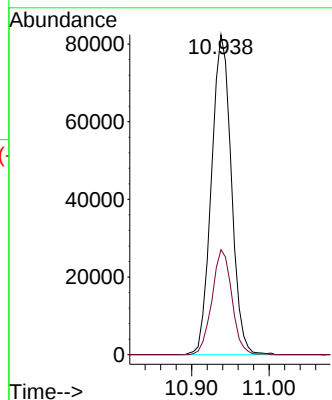
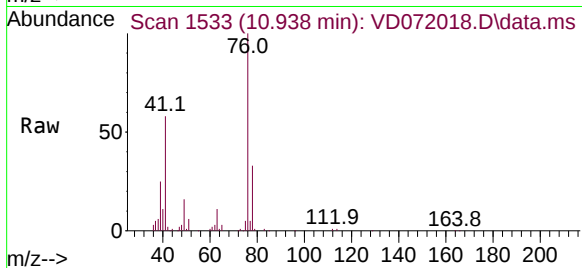
VSTDIC020

Tgt Ion: 76 Resp: 146847

Ion Ratio Lower Upper

76 100

78 32.8 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 101.670 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD072018.D

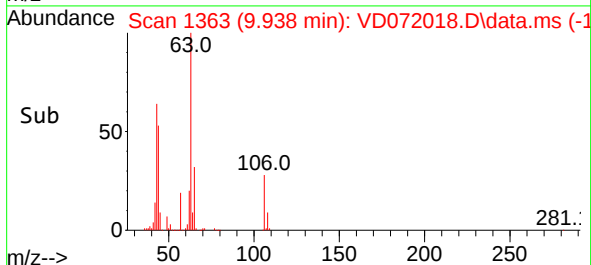
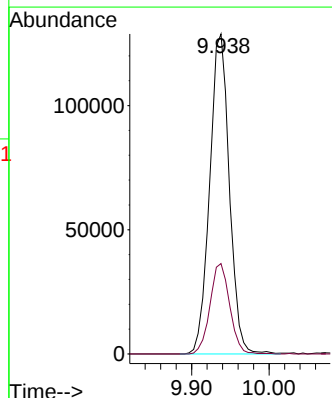
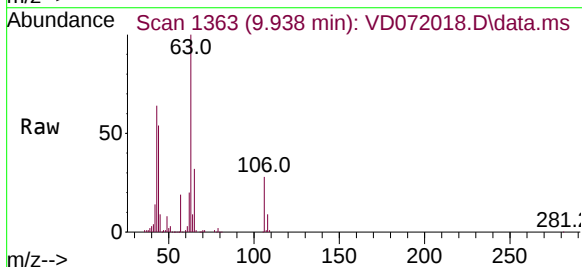
Acq: 18 Feb 2022 10:18

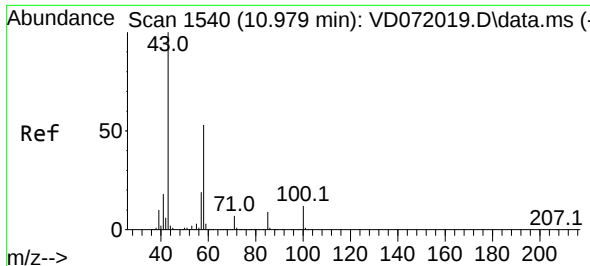
Tgt Ion: 63 Resp: 226804

Ion Ratio Lower Upper

63 100

106 28.3 22.6 33.8

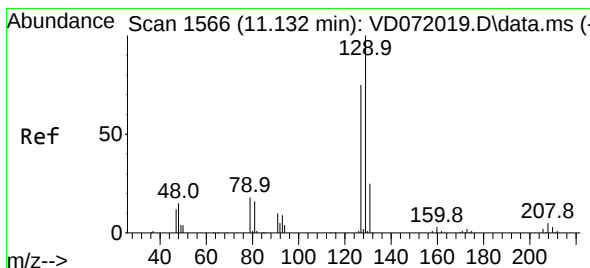
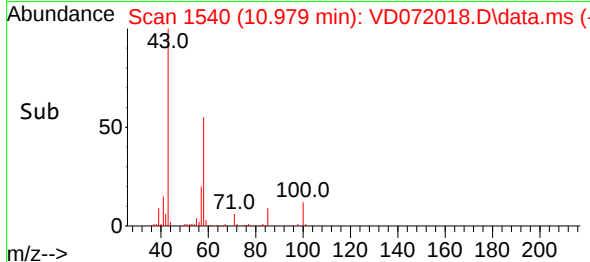
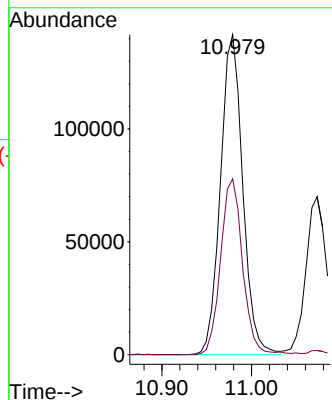
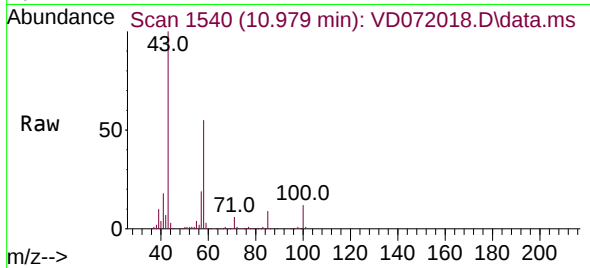




#59
2-Hexanone
Concen: 104.866 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

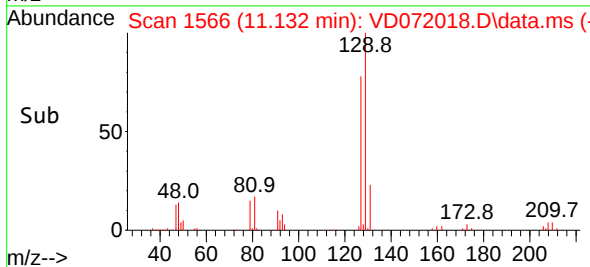
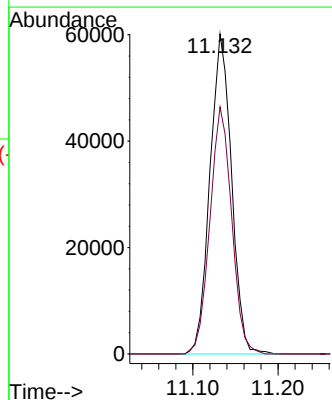
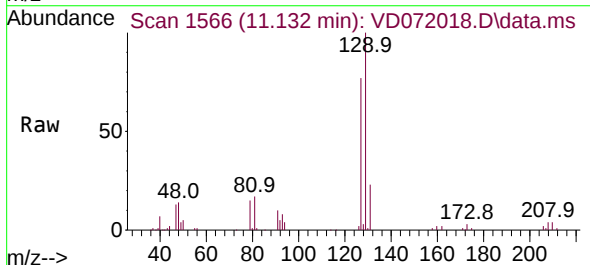
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

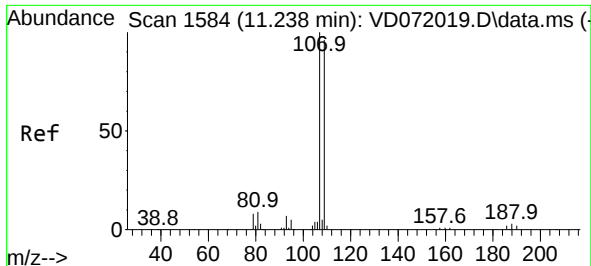
Tgt Ion: 43 Resp: 244521
Ion Ratio Lower Upper
43 100
58 54.4 27.0 80.8



#60
Dibromochloromethane
Concen: 20.267 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 129 Resp: 105679
Ion Ratio Lower Upper
129 100
127 77.9 37.6 112.9

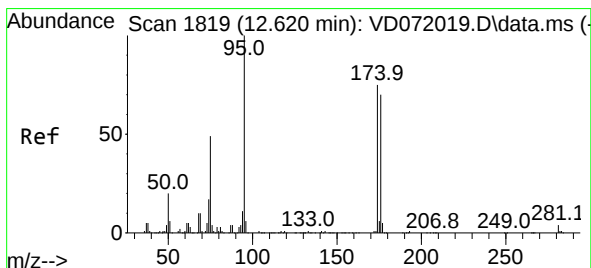
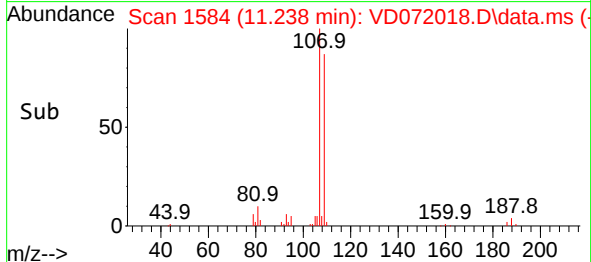
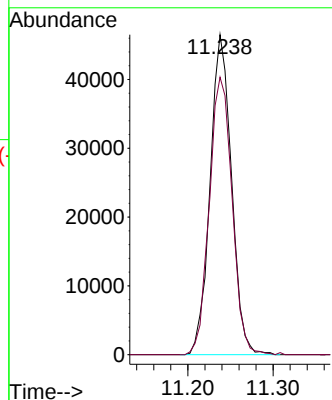
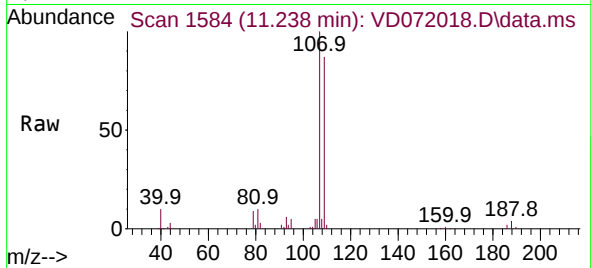




#61
1,2-Dibromoethane
Concen: 20.313 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

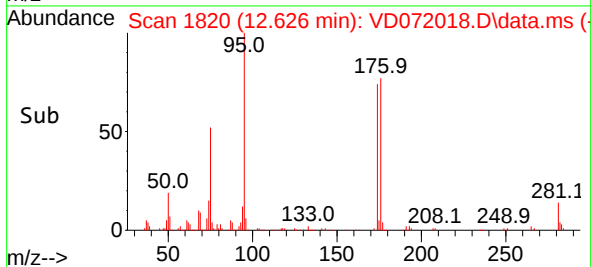
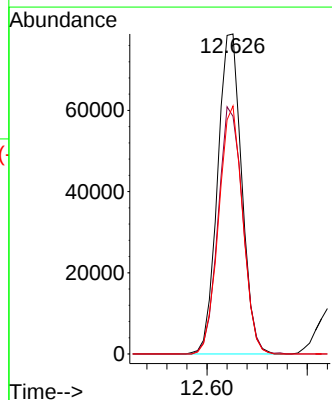
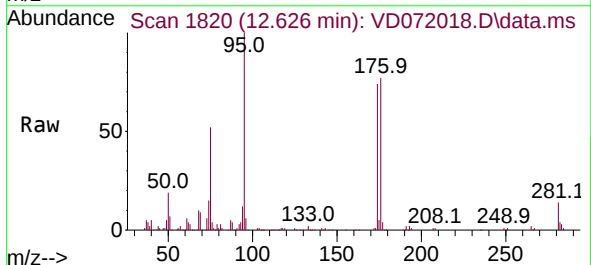
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

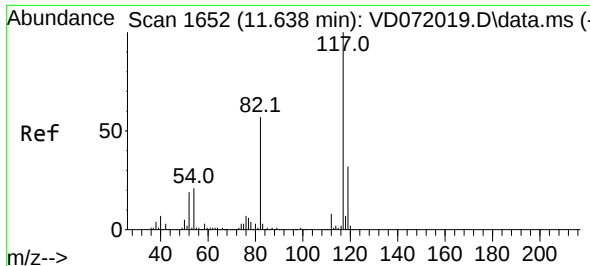
Tgt Ion:107 Resp: 81054
Ion Ratio Lower Upper
107 100
109 92.5 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 19.556 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 95 Resp: 131367
Ion Ratio Lower Upper
95 100
174 78.7 0.0 155.0
176 77.0 0.0 148.8

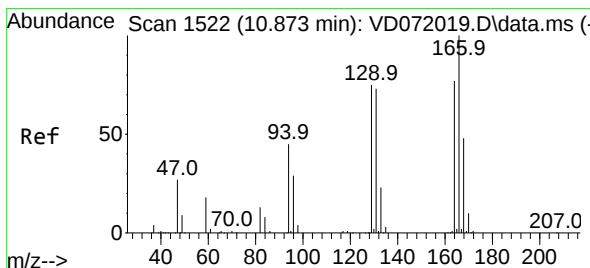
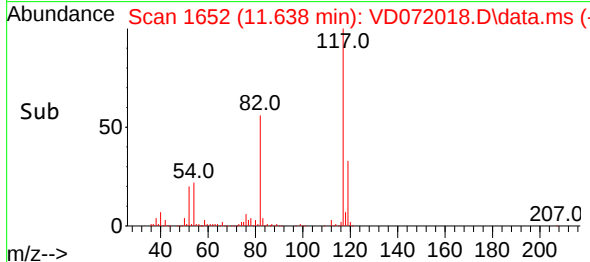
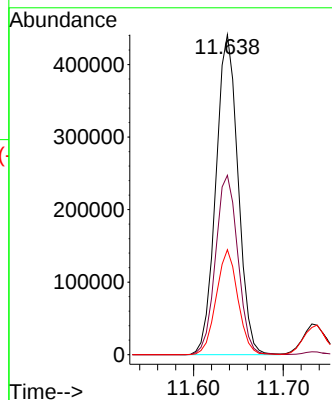
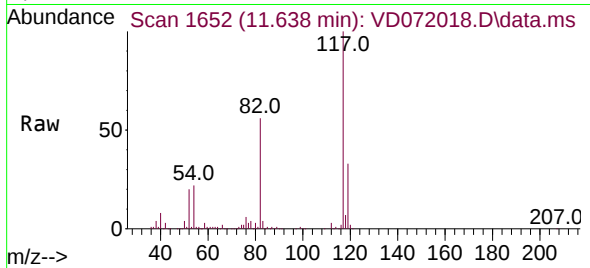




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

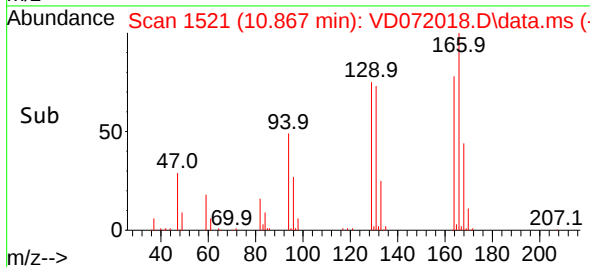
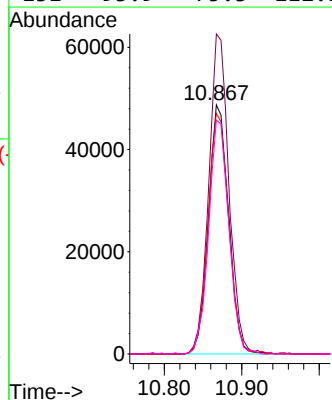
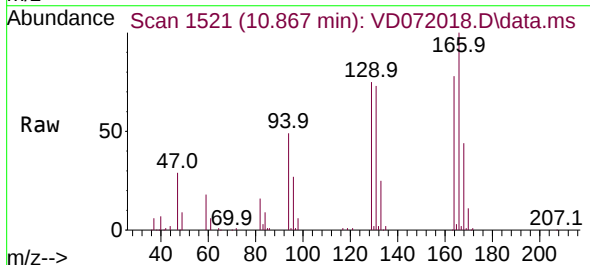
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

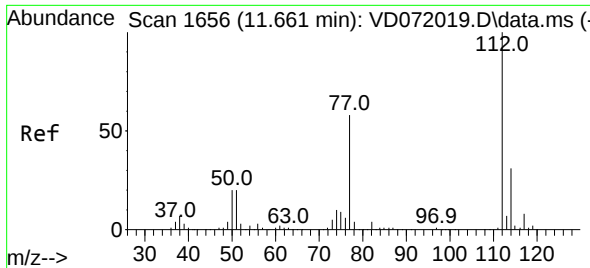
Tgt Ion:117 Resp: 756644
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.0
119 32.8 25.4 38.2



#64
Tetrachloroethene
Concen: 18.554 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion:164 Resp: 88633
Ion Ratio Lower Upper
164 100
166 128.5 103.4 155.2
129 96.6 77.8 116.6
131 93.9 75.3 112.9

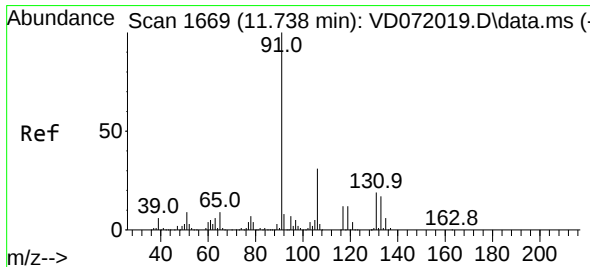
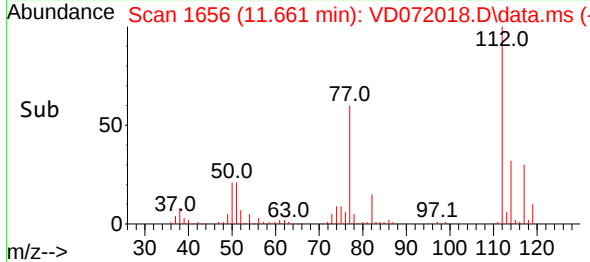
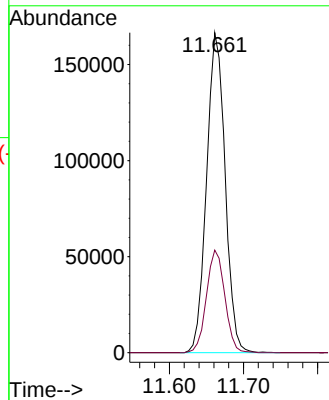
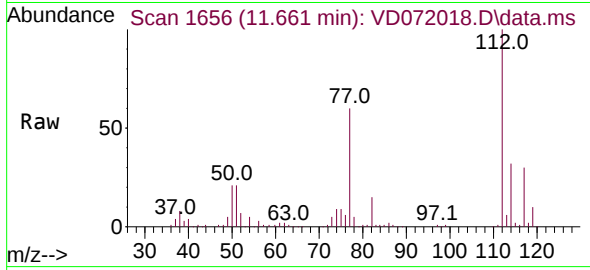




#65
Chlorobenzene
Concen: 19.742 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

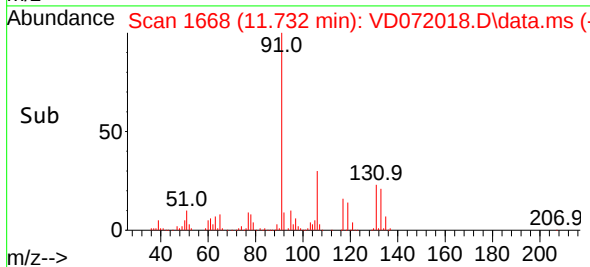
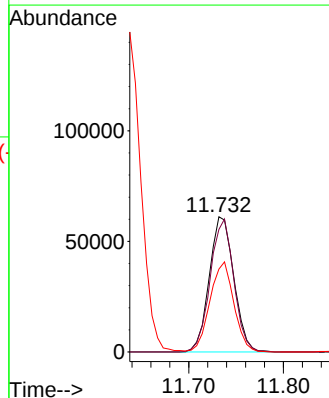
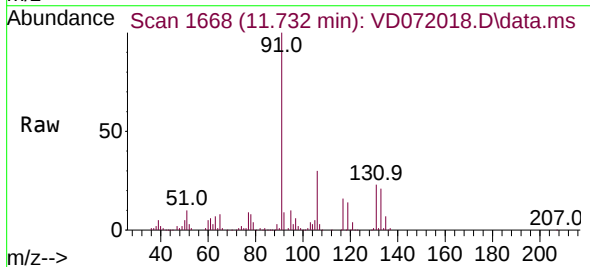
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

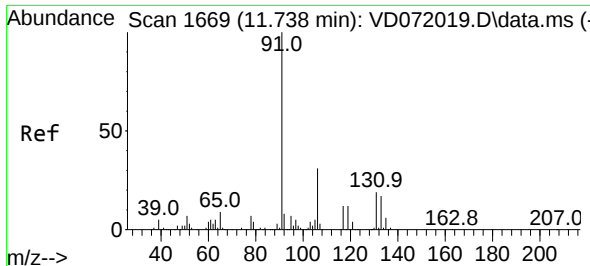
Tgt Ion:112 Resp: 289508
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.210 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion:131 Resp: 109997
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.4
119 64.9 32.8 98.3

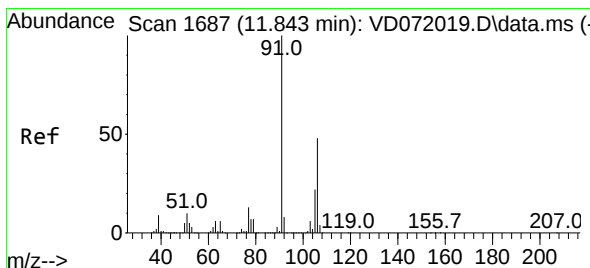
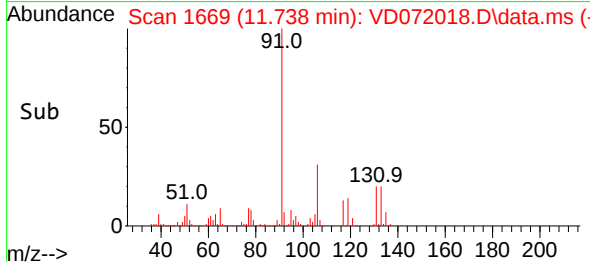
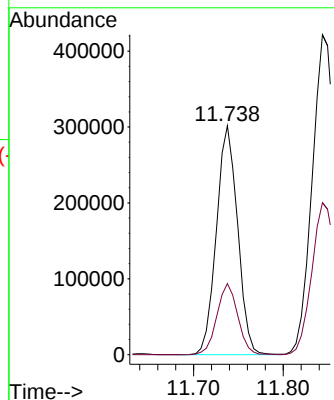
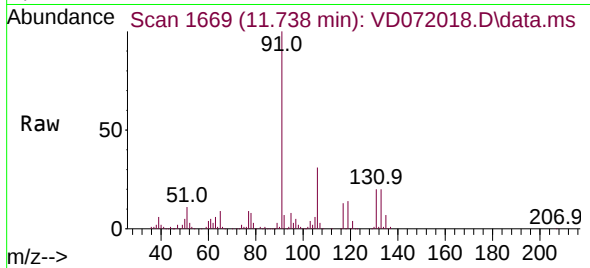




#67
Ethyl Benzene
Concen: 19.164 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

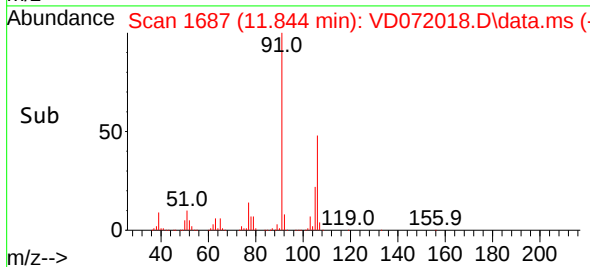
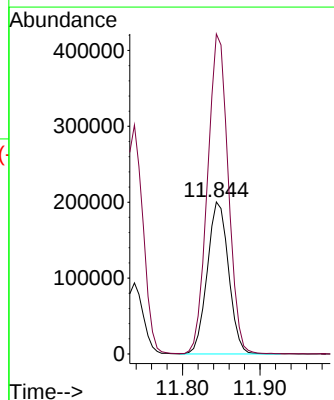
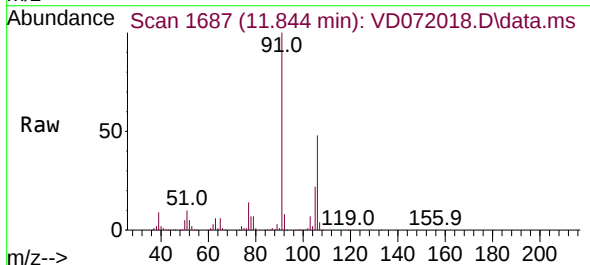
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

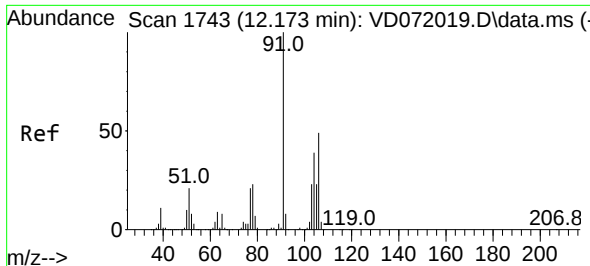
Tgt Ion: 91 Resp: 494163
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8



#68
m/p-Xylenes
Concen: 38.774 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 106 Resp: 382737
Ion Ratio Lower Upper
106 100
91 204.6 162.6 243.8

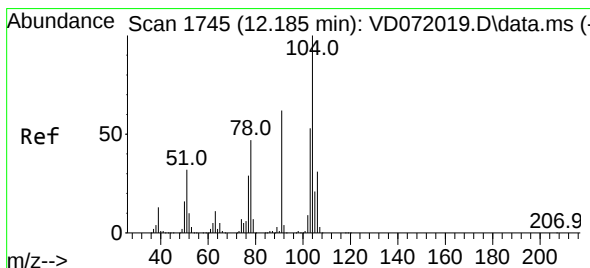
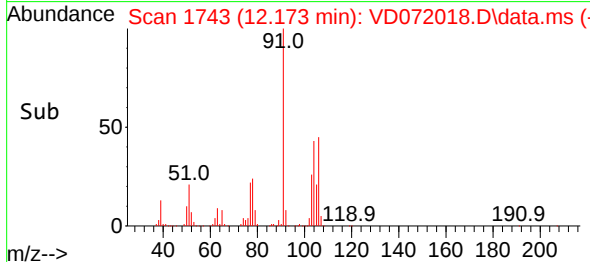
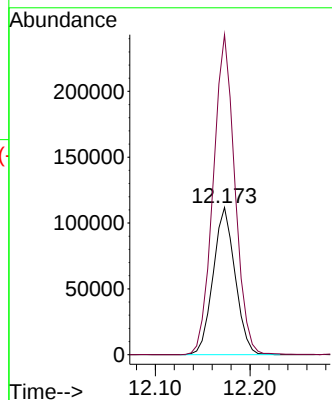
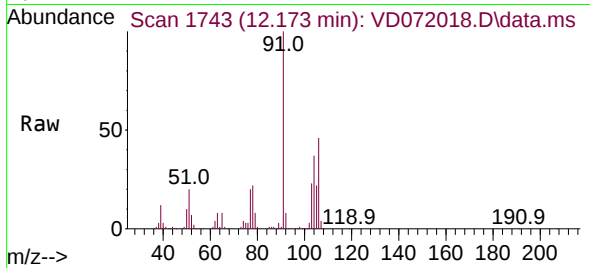




#69
o-Xylene
Concen: 19.365 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

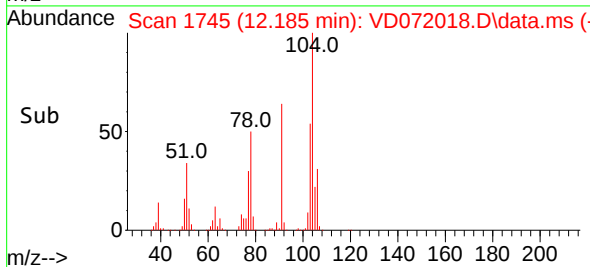
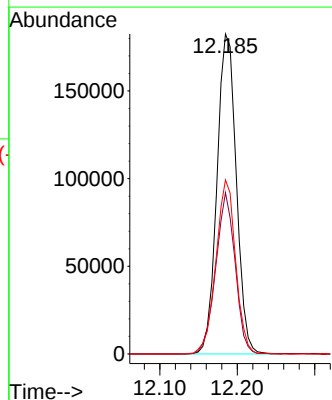
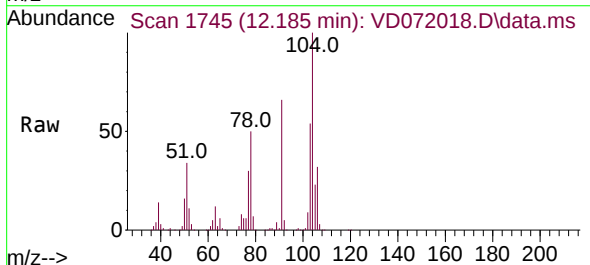
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

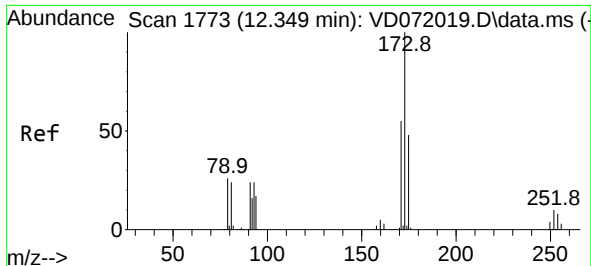
Tgt Ion:106 Resp: 179823
Ion Ratio Lower Upper
106 100
91 215.2 106.0 317.9



#70
Styrene
Concen: 19.839 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion:104 Resp: 316148
Ion Ratio Lower Upper
104 100
78 50.5 40.1 60.1
103 55.5 43.7 65.5

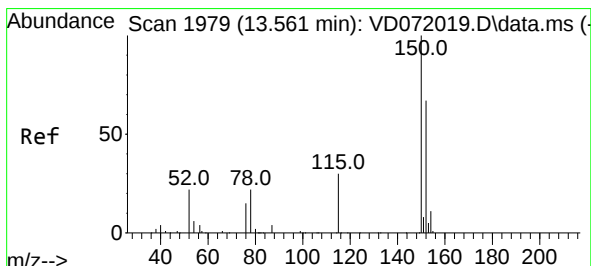
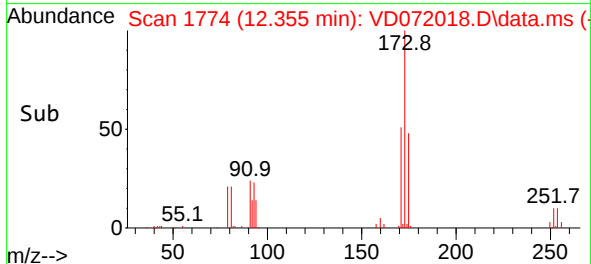
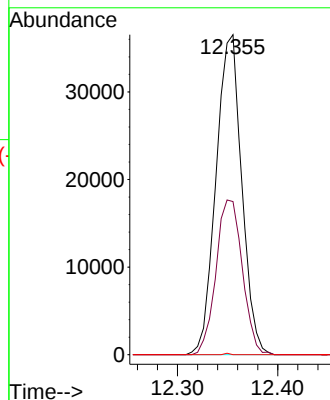
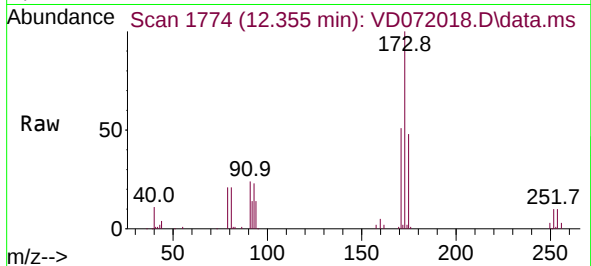




#71
Bromoform
Concen: 20.812 ug/l
RT: 12.355 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

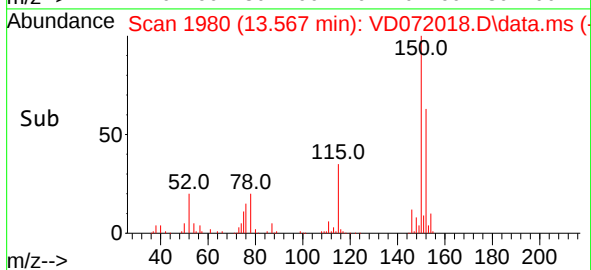
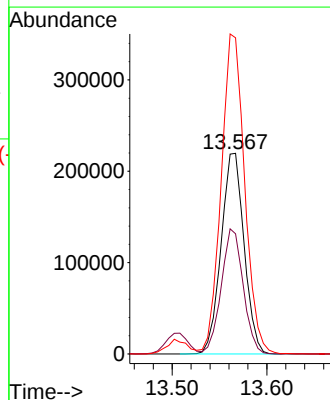
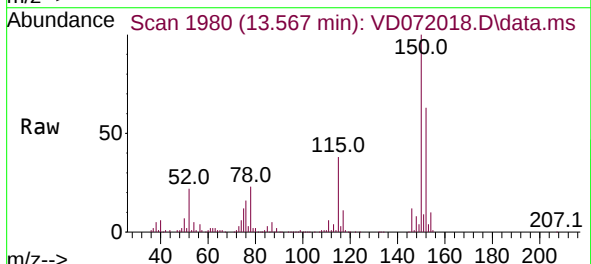
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

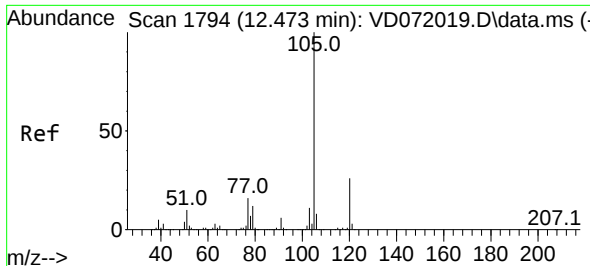
Tgt Ion:173 Resp: 64964
Ion Ratio Lower Upper
173 100
175 49.6 25.0 75.0
255 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion:152 Resp: 370400
Ion Ratio Lower Upper
152 100
115 59.5 29.9 89.7
150 163.2 0.0 347.6

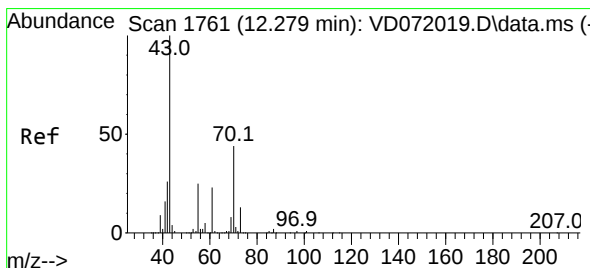
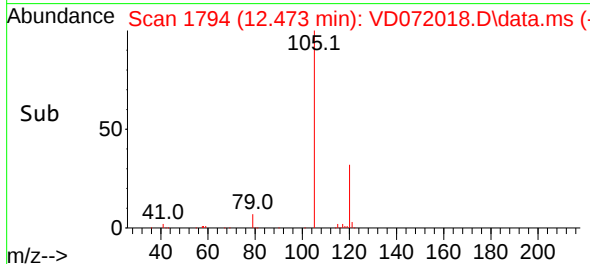
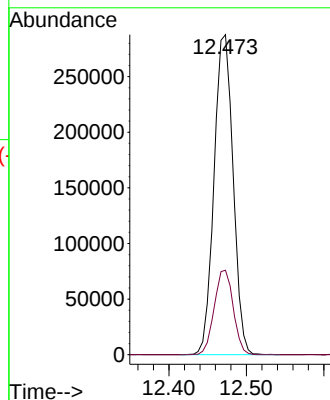
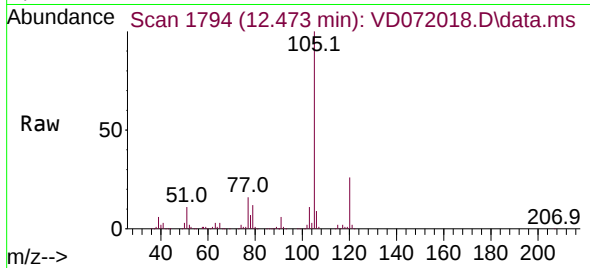




#73
Isopropylbenzene
Concen: 19.343 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

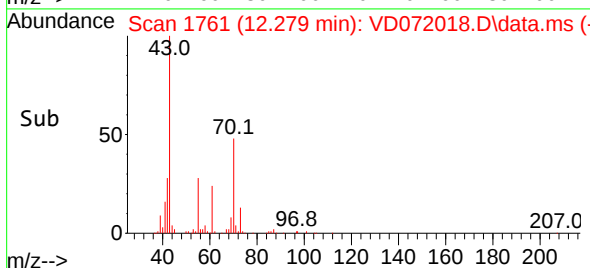
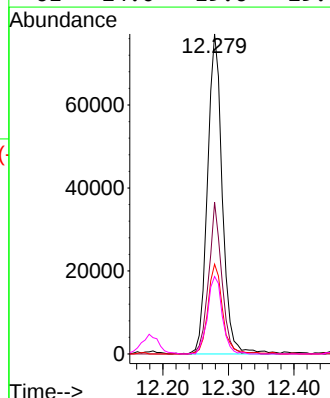
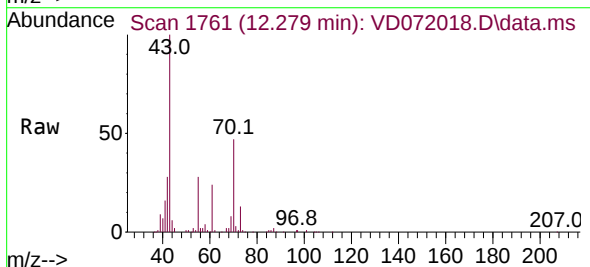
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

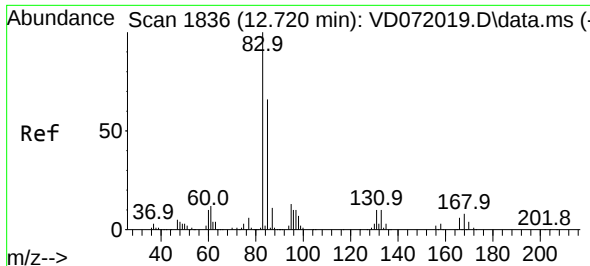
Tgt Ion:105 Resp: 491917
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1



#74
N-ethyl acetate
Concen: 19.745 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 43 Resp: 121256
Ion Ratio Lower Upper
43 100
70 41.6 33.2 49.8
55 27.8 20.6 30.8
61 24.0 19.6 29.4

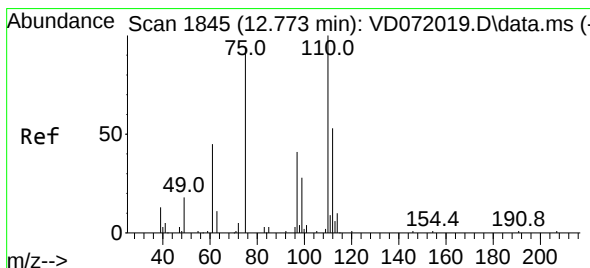
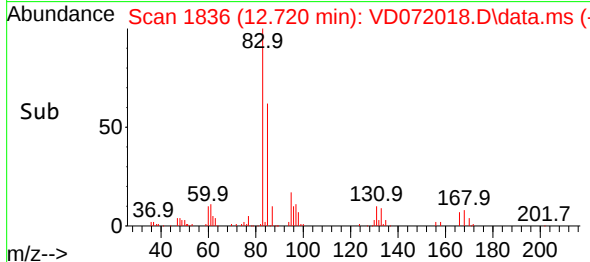
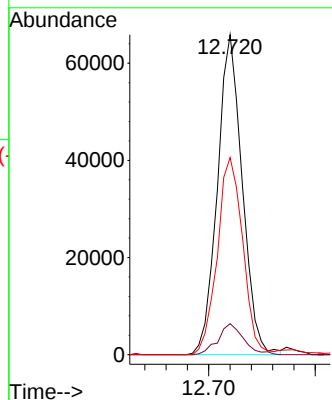
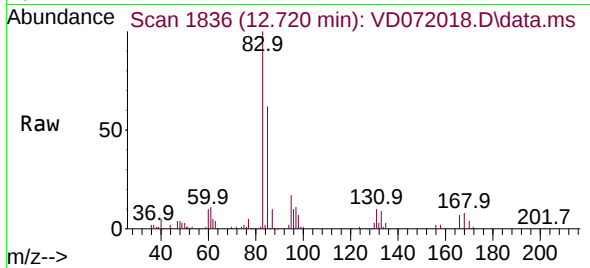




#75
1,1,2,2-Tetrachloroethane
Concen: 21.207 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

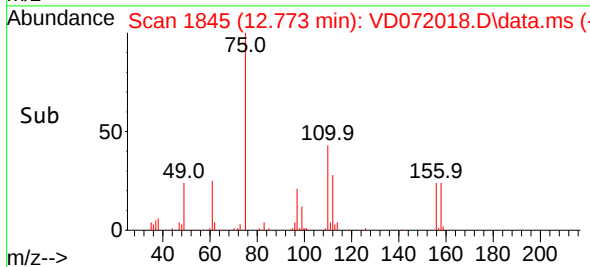
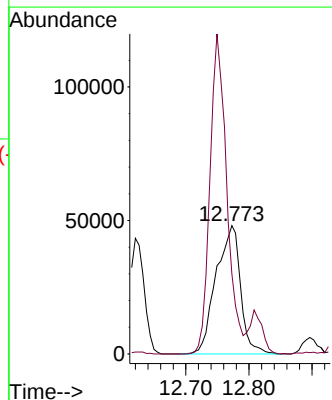
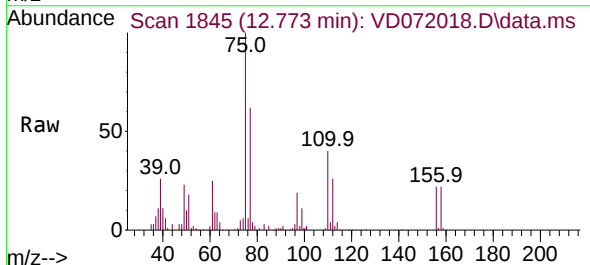
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

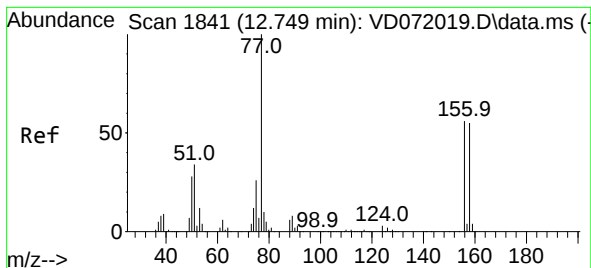
Tgt Ion: 83 Resp: 106634
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.4
85 63.1 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 33.194 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 75 Resp: 129526
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.685 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD072018.D

Acq: 18 Feb 2022 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

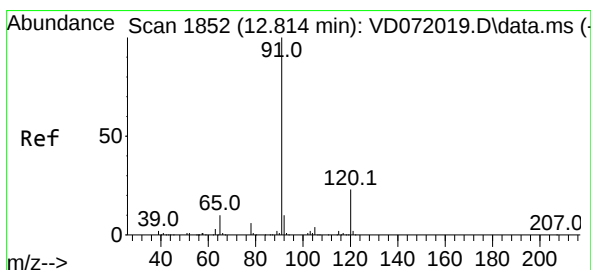
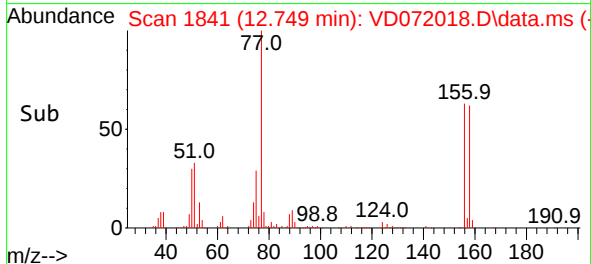
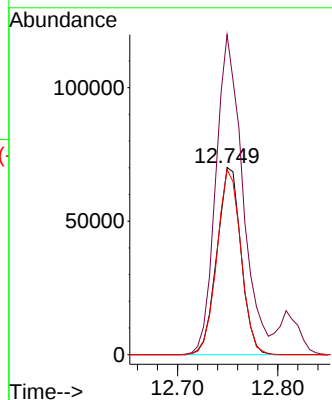
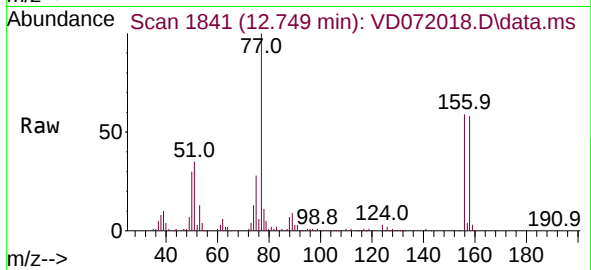
Tgt Ion:156 Resp: 117234

Ion Ratio Lower Upper

156 100

77 189.4 93.6 280.8

158 98.4 47.7 143.1



#78

n-propylbenzene

Concen: 19.517 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VD072018.D

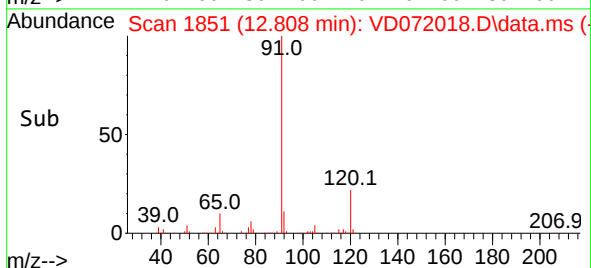
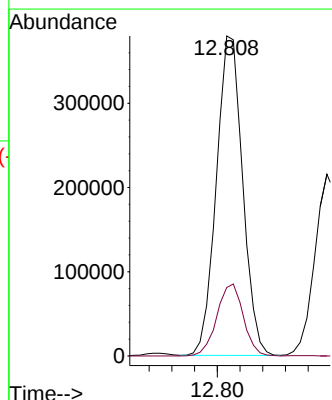
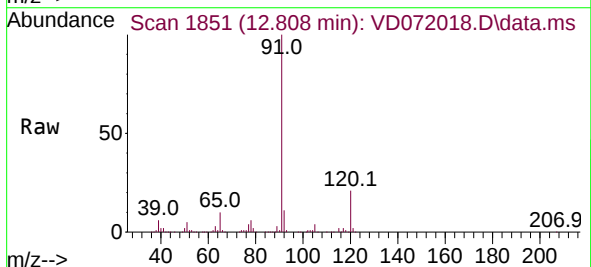
Acq: 18 Feb 2022 10:18

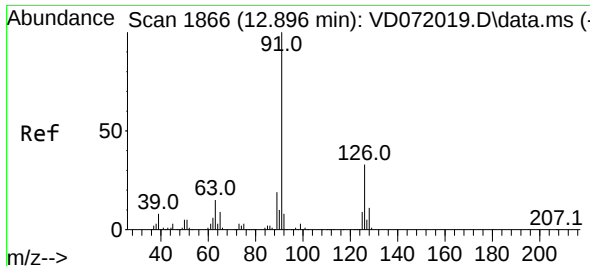
Tgt Ion: 91 Resp: 610069

Ion Ratio Lower Upper

91 100

120 22.6 11.2 33.5

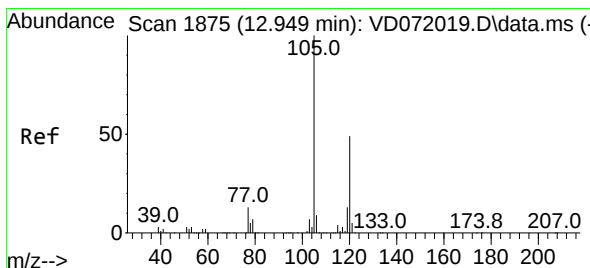
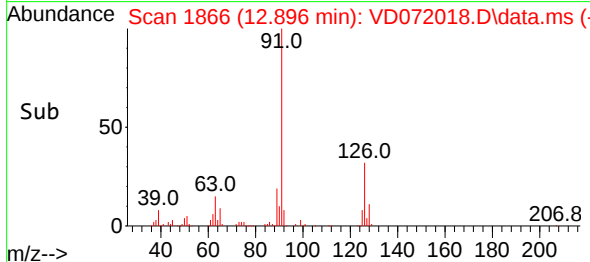
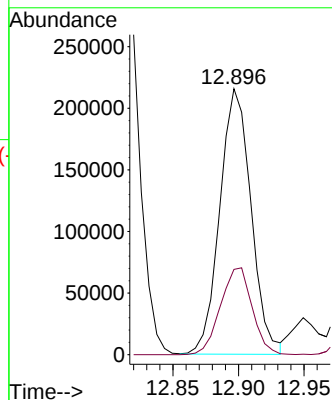
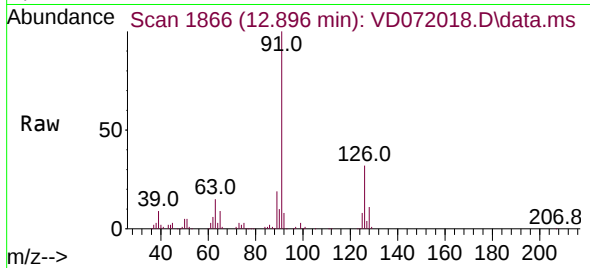




#79
2-Chlorotoluene
Concen: 19.758 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

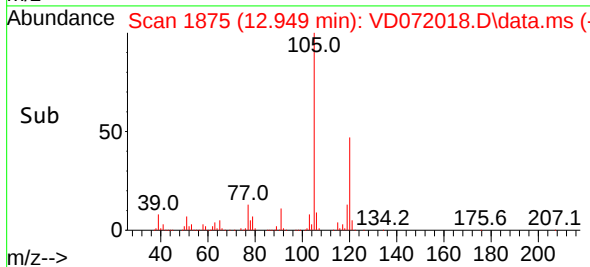
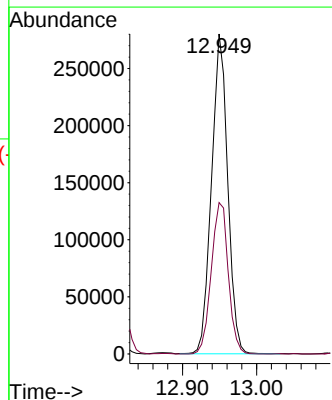
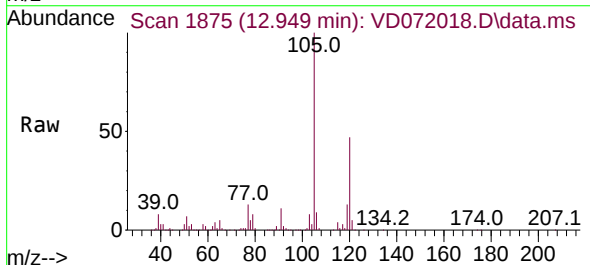
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

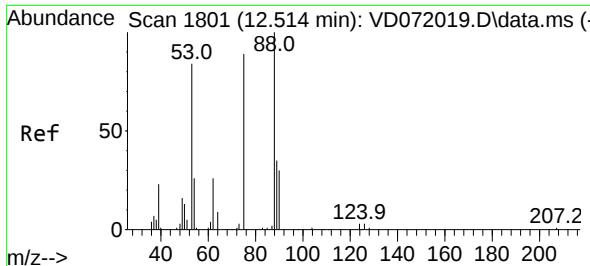
Tgt Ion: 91 Resp: 357475
Ion Ratio Lower Upper
91 100
126 33.1 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 19.958 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 105 Resp: 423825
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.7

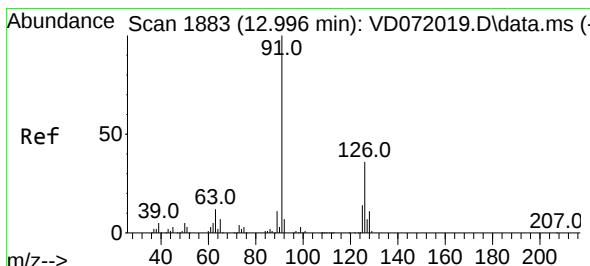
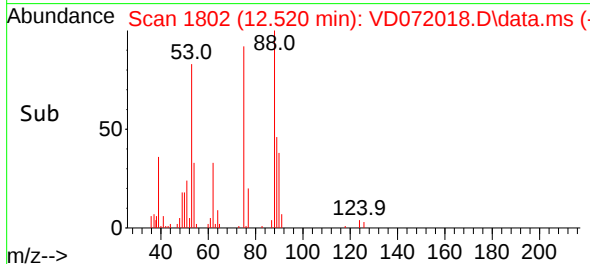
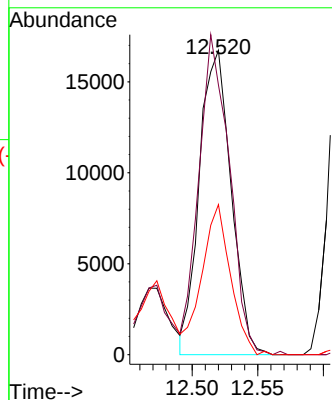
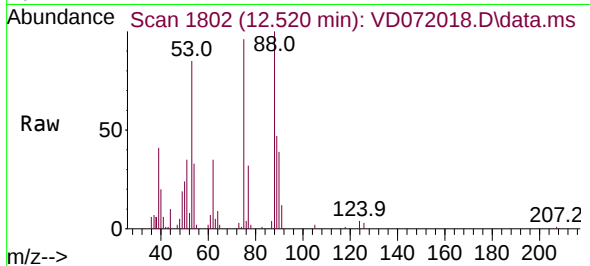




#81
trans-1,4-Dichloro-2-butene
Concen: 20.117 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

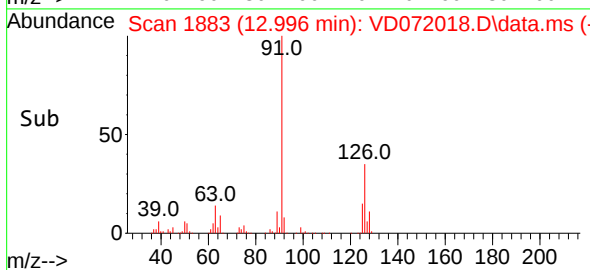
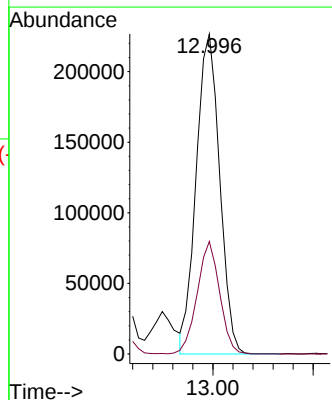
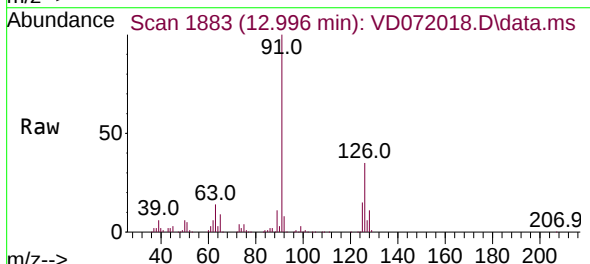
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

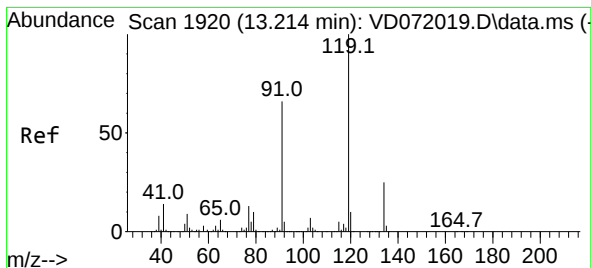
Tgt Ion: 75 Resp: 28185
Ion Ratio Lower Upper
75 100
53 101.5 80.2 120.4
89 44.7 36.4 54.6



#82
4-Chlorotoluene
Concen: 19.605 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 91 Resp: 369159
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.6





#83

tert-Butylbenzene

Concen: 19.740 ug/l

RT: 13.214 min Scan# 1920

Delta R.T. 0.000 min

Lab File: VD072018.D

Acq: 18 Feb 2022 10:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

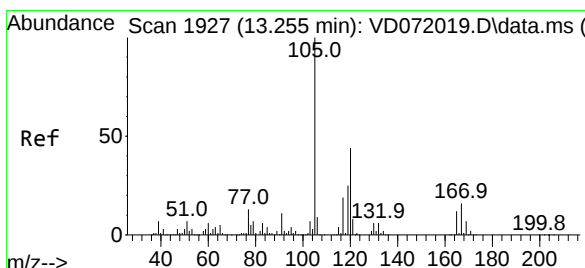
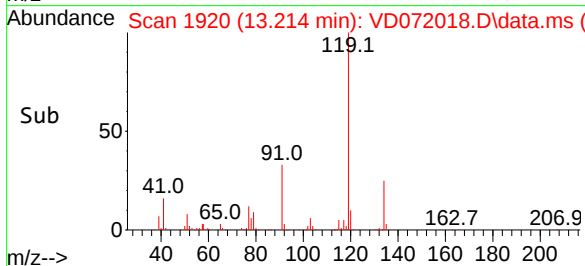
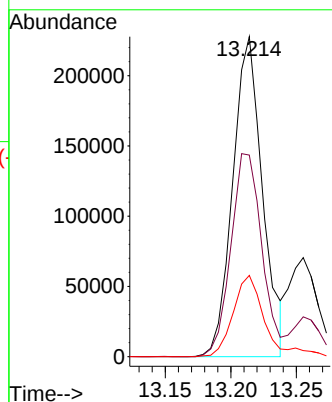
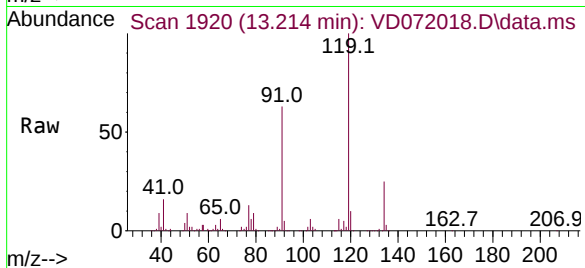
Tgt Ion:119 Resp: 360179

Ion Ratio Lower Upper

119 100

91 66.0 32.5 97.5

134 27.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.142 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD072018.D

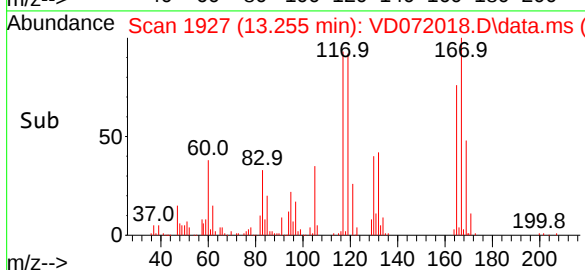
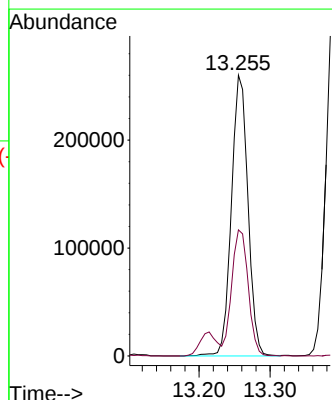
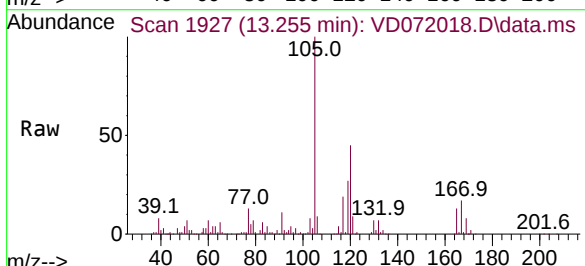
Acq: 18 Feb 2022 10:18

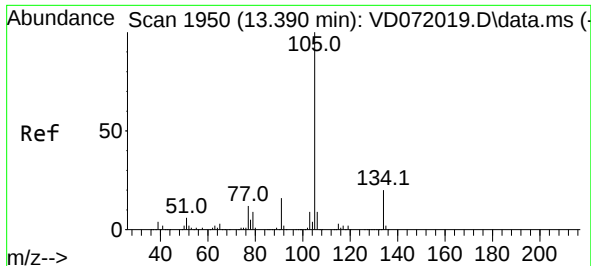
Tgt Ion:105 Resp: 420486

Ion Ratio Lower Upper

105 100

120 44.8 22.4 67.3

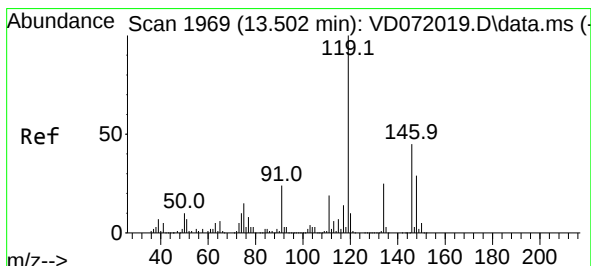
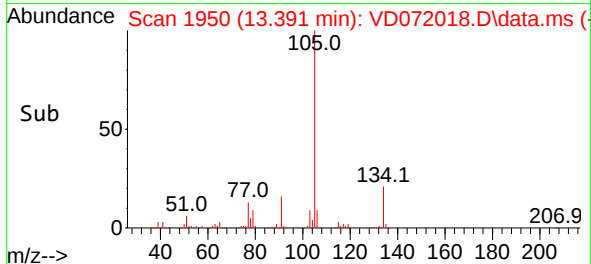
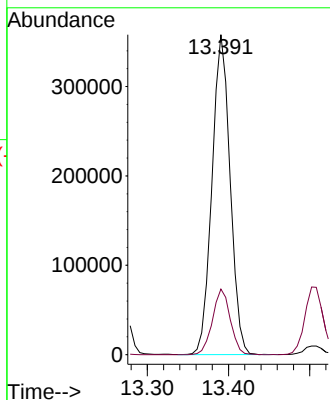
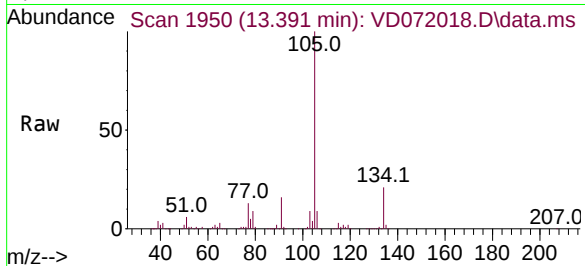




#85
 sec-Butylbenzene
 Concen: 19.983 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072018.D
 Acq: 18 Feb 2022 10:18

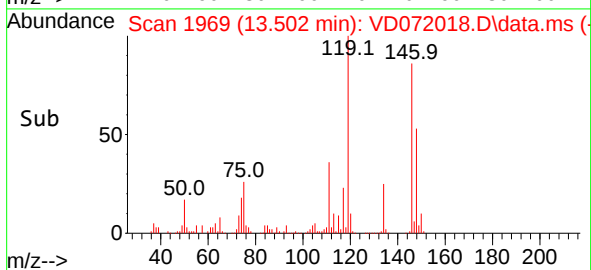
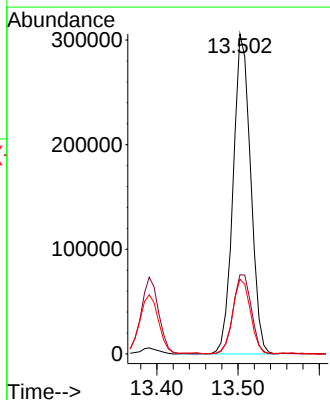
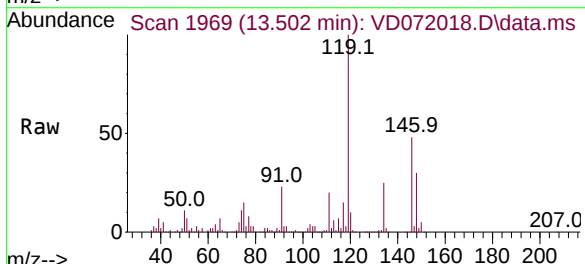
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

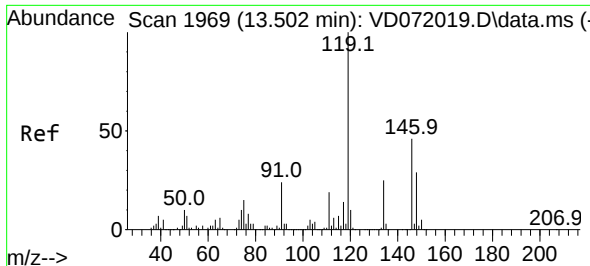
Tgt Ion:105 Resp: 555408
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 20.043 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072018.D
 Acq: 18 Feb 2022 10:18

Tgt Ion:119 Resp: 458200
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 38.9
 91 23.6 11.9 35.5

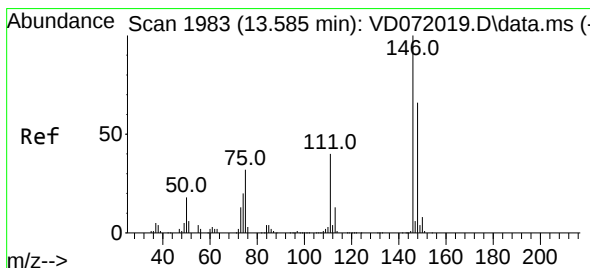
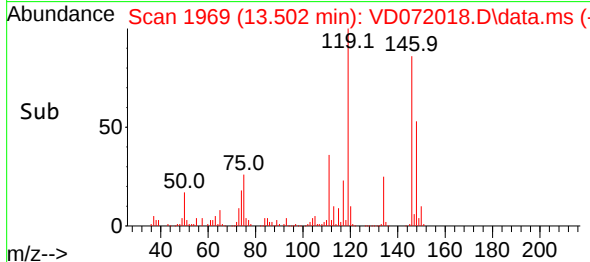
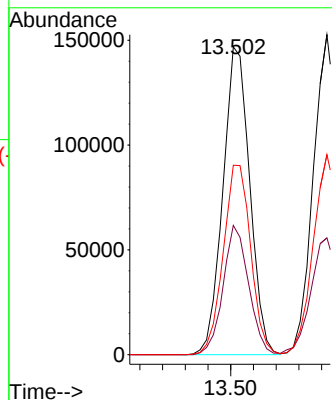
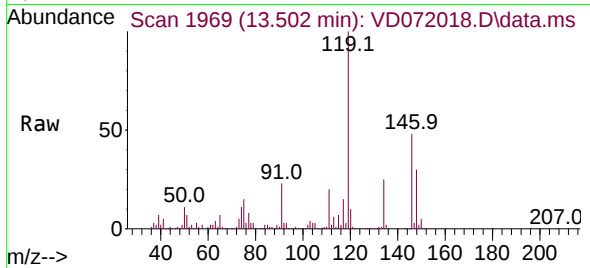




#87
1,3-Dichlorobenzene
Concen: 20.030 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

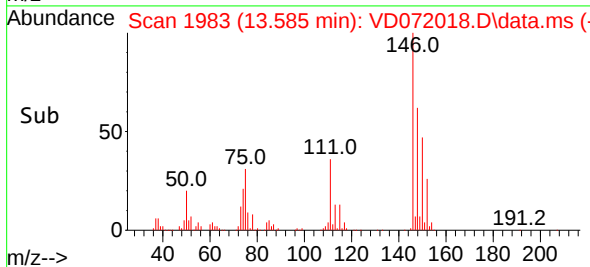
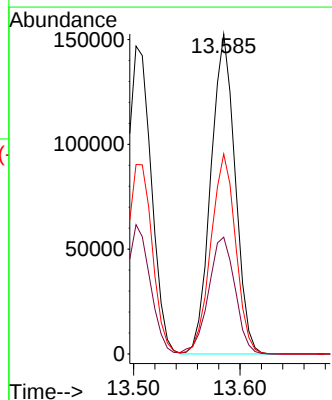
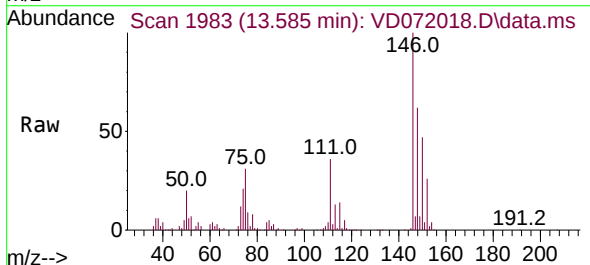
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

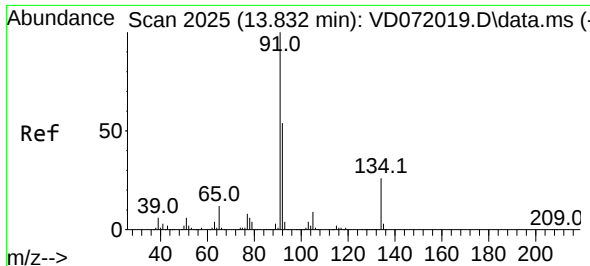
Tgt Ion:146 Resp: 241143
Ion Ratio Lower Upper
146 100
111 39.9 20.0 59.9
148 63.1 31.1 93.2



#88
1,4-Dichlorobenzene
Concen: 19.968 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion:146 Resp: 241550
Ion Ratio Lower Upper
146 100
111 39.7 20.1 60.2
148 63.9 32.5 97.5

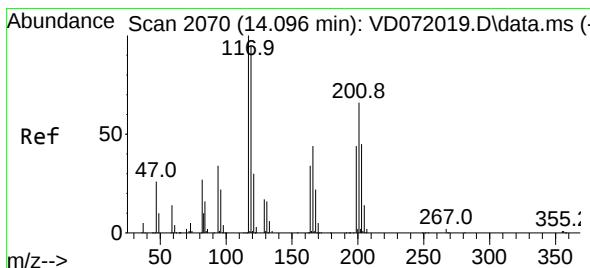
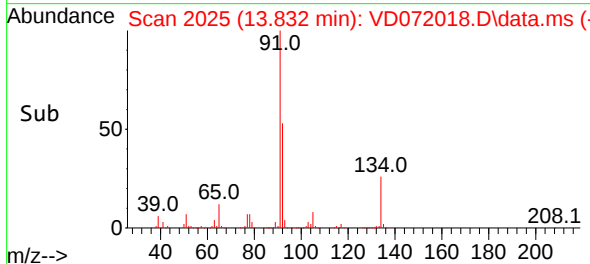
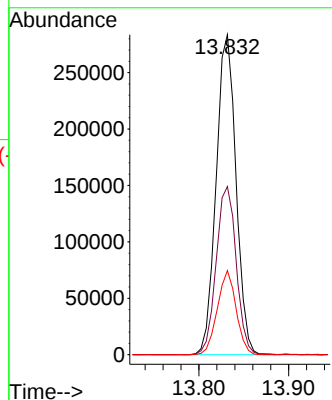
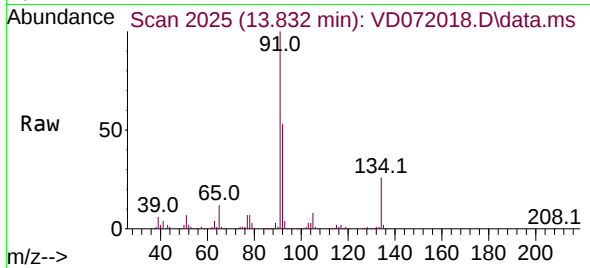




#89
n-Butylbenzene
Concen: 20.032 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

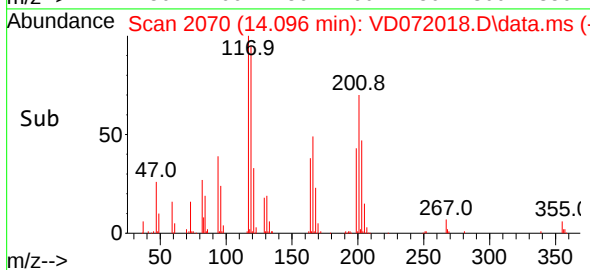
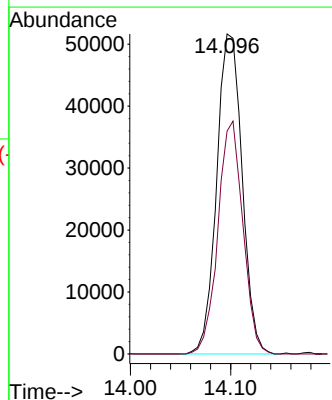
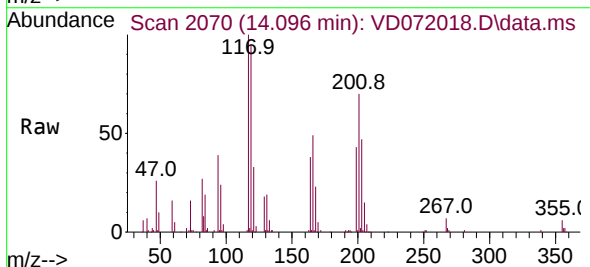
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

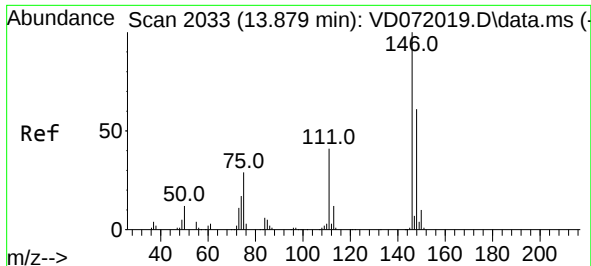
Tgt Ion: 91 Resp: 435450
Ion Ratio Lower Upper
91 100
92 53.1 27.0 81.0
134 24.8 12.8 38.4



#90
Hexachloroethane
Concen: 19.875 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 117 Resp: 91202
Ion Ratio Lower Upper
117 100
201 71.2 35.2 105.6

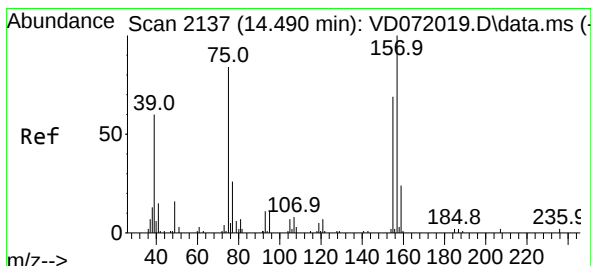
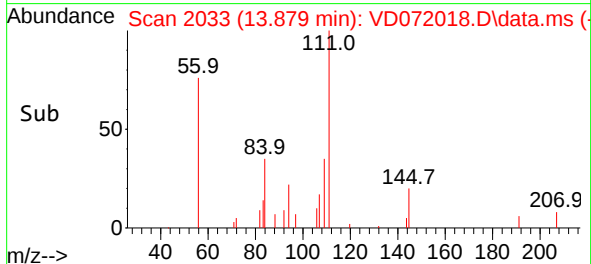
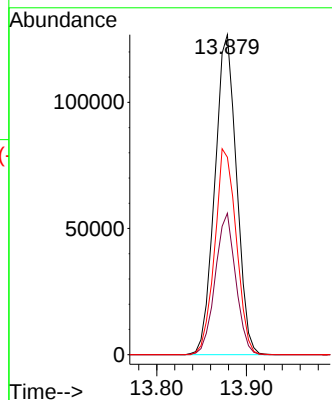
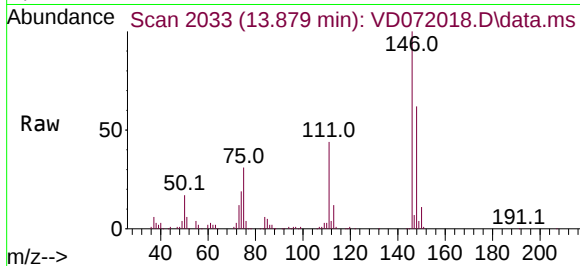




#91
1,2-Dichlorobenzene
Concen: 20.178 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

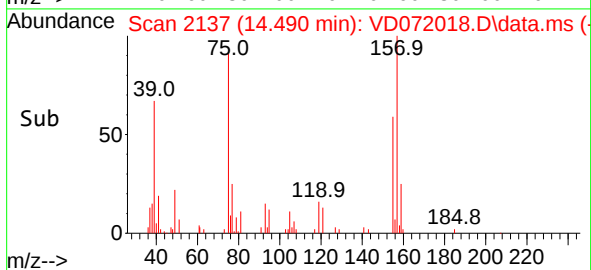
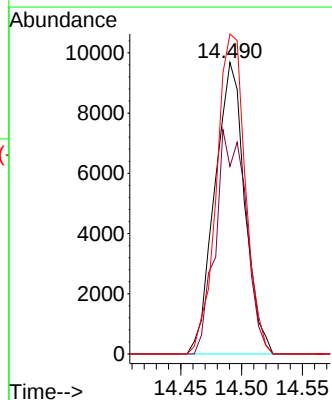
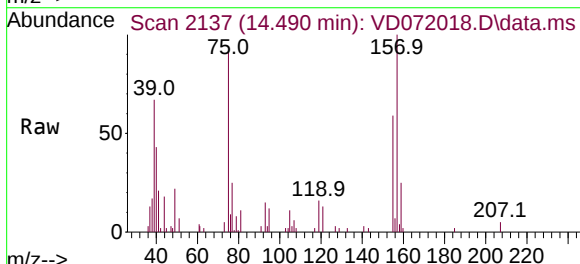
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

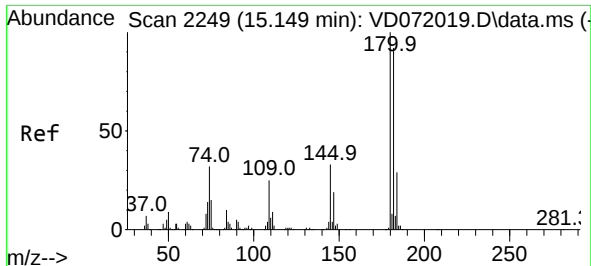
Tgt Ion:146 Resp: 213031
Ion Ratio Lower Upper
146 100
111 41.9 20.8 62.4
148 63.8 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.136 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion: 75 Resp: 16556
Ion Ratio Lower Upper
75 100
155 77.9 40.5 121.5
157 105.9 53.3 159.9

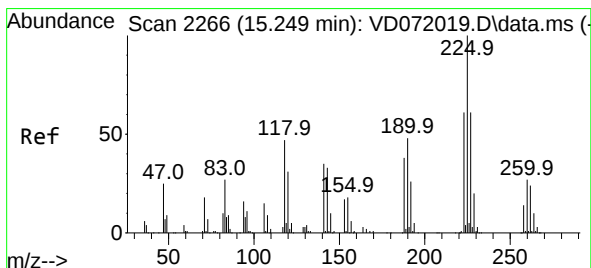
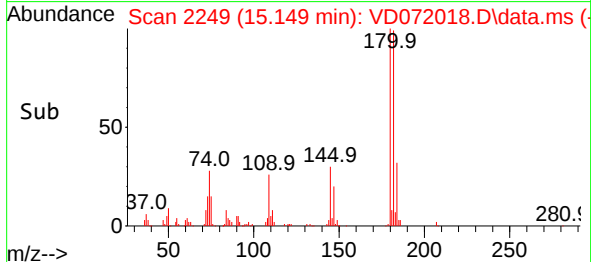
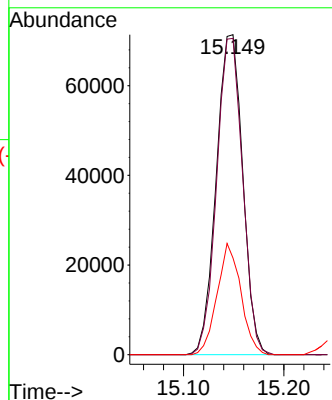
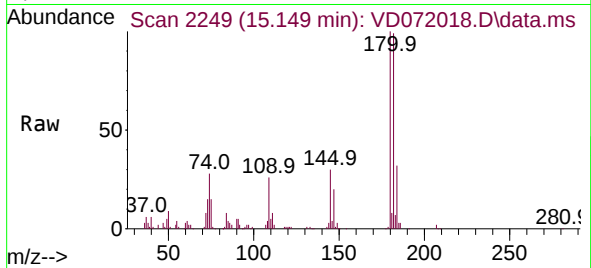




#93
1,2,4-Trichlorobenzene
Concen: 20.135 ug/l
RT: 15.149 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

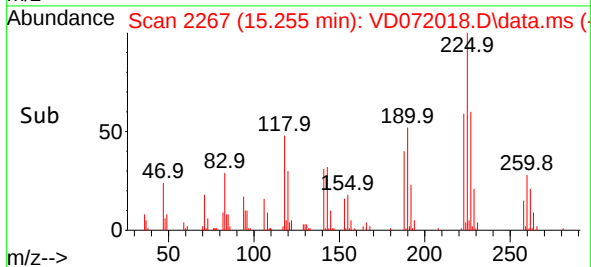
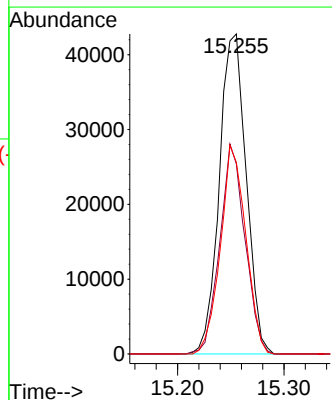
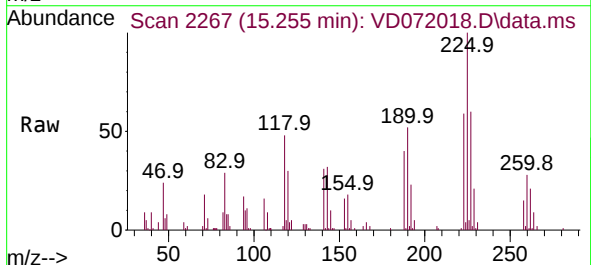
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

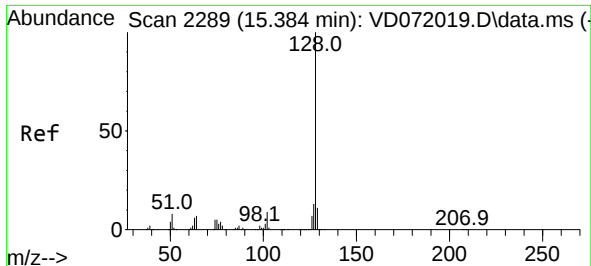
Tgt Ion:180 Resp: 130576
Ion Ratio Lower Upper
180 100
182 96.6 46.4 139.2
145 31.3 15.7 47.1



#94
Hexachlorobutadiene
Concen: 21.001 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.006 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion:225 Resp: 74889
Ion Ratio Lower Upper
225 100
223 61.6 30.9 92.7
227 61.4 31.6 95.0

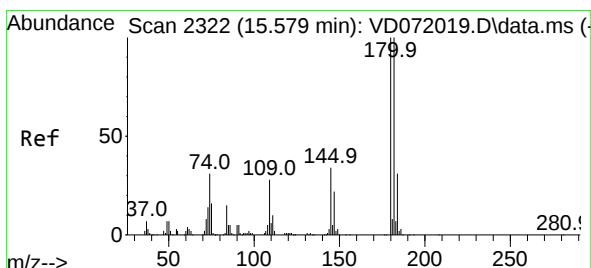
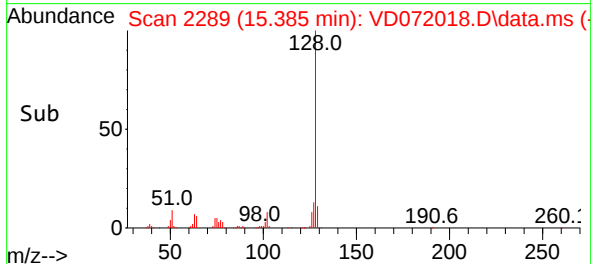
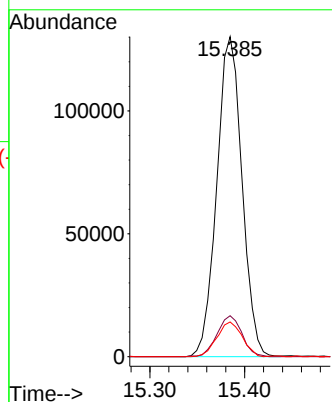
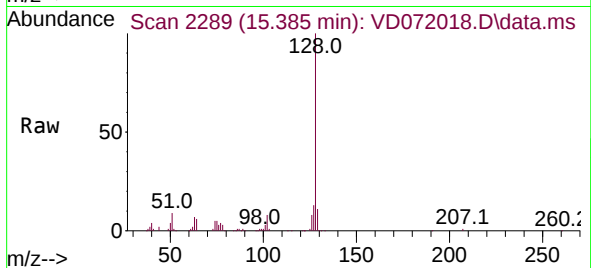




#95
Naphthalene
Concen: 20.463 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 240894
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.800 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072018.D
Acq: 18 Feb 2022 10:18

Tgt Ion:180 Resp: 116347
Ion Ratio Lower Upper
180 100
182 92.2 48.1 144.3
145 32.3 16.7 50.0

