

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081022\
 Data File : VD074020.D
 Acq On : 10 Aug 2022 12:06
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 10 14:41:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:39:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	150054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	234663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	222801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	117982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	59531	40.204	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.400%
35) Dibromofluoromethane	7.903	113	70281	45.523	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.040%
50) Toluene-d8	10.332	98	197371	41.127	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.260%
62) 4-Bromofluorobenzene	12.614	95	96907	49.922	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	65952	44.281	ug/l	100
3) Chloromethane	2.209	50	103967	44.793	ug/l	98
4) Vinyl Chloride	2.344	62	152747	48.374	ug/l	100
5) Bromomethane	2.762	94	105376	47.881	ug/l	97
6) Chloroethane	2.915	64	106507	47.002	ug/l	94
7) Trichlorofluoromethane	3.262	101	142894	46.964	ug/l	95
8) Diethyl Ether	3.709	74	31981	47.043	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.085	101	82099	47.581	ug/l	97
10) Methyl Iodide	4.291	142	94105	52.891	ug/l	99
11) Tert butyl alcohol	5.232	59	19260	254.165	ug/l #	74
12) 1,1-Dichloroethene	4.056	96	73941	49.911	ug/l	98
13) Acrolein	3.915	56	30289	262.699	ug/l	93
14) Allyl chloride	4.709	41	96904	49.736	ug/l	99
15) Acrylonitrile	5.415	53	69530	242.202	ug/l	97
16) Acetone	4.162	43	52952	218.073	ug/l	98
17) Carbon Disulfide	4.403	76	233814	48.132	ug/l	99
18) Methyl Acetate	4.715	43	33980	43.343	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	168147	50.215	ug/l	98
20) Methylene Chloride	4.962	84	81982	45.525	ug/l	95
21) trans-1,2-Dichloroethene	5.468	96	88088	49.990	ug/l	87
22) Diisopropyl ether	6.362	45	210184	51.194	ug/l	93
23) Vinyl Acetate	6.297	43	569358	55.192	ug/l	99
24) 1,1-Dichloroethane	6.256	63	141682	47.773	ug/l	97
25) 2-Butanone	7.203	43	86140	229.509	ug/l	98
26) 2,2-Dichloropropane	7.197	77	138307	48.919	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	95715	50.209	ug/l	97
28) Bromochloromethane	7.538	49	55397	48.405	ug/l #	95
29) Tetrahydrofuran	7.562	42	57372	245.327	ug/l	97
30) Chloroform	7.703	83	165277	48.915	ug/l	99
31) Cyclohexane	7.979	56	123439	46.843	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	154548	48.506	ug/l	98
36) 1,1-Dichloropropene	8.103	75	121422	51.704	ug/l	99
37) Ethyl Acetate	7.285	43	40275	48.838	ug/l	97
38) Carbon Tetrachloride	8.091	117	138433	52.138	ug/l	99
39) Methylcyclohexane	9.350	83	142943	53.600	ug/l	99
40) Benzene	8.344	78	326755	51.222	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	24751	54.039	ug/l	92
42) 1,2-Dichloroethane	8.420	62	100373	50.910	ug/l	98
43) Isopropyl Acetate	8.444	43	83125	50.429	ug/l	100
44) Trichloroethene	9.103	130	94133	50.295	ug/l	98
45) 1,2-Dichloropropane	9.373	63	78082	50.841	ug/l	99
46) Dibromomethane	9.467	93	49681	49.622	ug/l	99
47) Bromodichloromethane	9.650	83	124999	50.924	ug/l	97
48) Methyl methacrylate	9.450	41	39901	52.172	ug/l	88
49) 1,4-Dioxane	9.456	88	10229	1092.414	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	214012	257.930	ug/l	99
52) Toluene	10.391	92	225736	53.003	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	112277	52.468	ug/l	94
54) cis-1,3-Dichloropropene	10.079	75	130959	52.858	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	64128	50.443	ug/l	95
56) Ethyl methacrylate	10.650	69	70379	53.301	ug/l	95
57) 1,3-Dichloropropane	10.932	76	104015	50.718	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	144250	262.294	ug/l	98
59) 2-Hexanone	10.973	43	144389	258.895	ug/l	96
60) Dibromochloromethane	11.126	129	86924	50.232	ug/l	100
61) 1,2-Dibromoethane	11.238	107	64897	51.246	ug/l	97
64) Tetrachloroethene	10.867	164	81393	48.561	ug/l	95
65) Chlorobenzene	11.655	112	234565	49.970	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	90112	49.636	ug/l	98
67) Ethyl Benzene	11.732	91	432943	52.494	ug/l	97
68) m/p-Xylenes	11.844	106	350669	106.732	ug/l	98
69) o-Xylene	12.167	106	160686	53.399	ug/l	99
70) Styrene	12.185	104	277581	54.386	ug/l	99
71) Bromoform	12.350	173	49845	49.862	ug/l #	99
73) Isopropylbenzene	12.467	105	431376	52.882	ug/l	100
74) N-amyl acetate	12.273	43	79979	50.600	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	71109	48.509	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	88281	52.132	ug/l #	100
77) Bromobenzene	12.749	156	97052	49.648	ug/l	99
78) n-propylbenzene	12.808	91	537457	53.165	ug/l	100
79) 2-Chlorotoluene	12.891	91	292517	51.695	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	370585	53.302	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	20378	50.586	ug/l	91
82) 4-Chlorotoluene	12.991	91	313970	51.999	ug/l	99
83) tert-Butylbenzene	13.208	119	315044	52.777	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	373874	53.612	ug/l	100
85) sec-Butylbenzene	13.385	105	490146	53.834	ug/l	100
86) p-Isopropyltoluene	13.497	119	416997	54.524	ug/l	99
87) 1,3-Dichlorobenzene	13.497	146	211204	51.505	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	207446	50.662	ug/l	100
89) n-Butylbenzene	13.826	91	382210	53.434	ug/l	99
90) Hexachloroethane	14.091	117	77439	51.157	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	179214	51.084	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11145	44.009	ug/l	94
93) 1,2,4-Trichlorobenzene	15.138	180	104372	50.471	ug/l	98
94) Hexachlorobutadiene	15.243	225	58792	49.450	ug/l	96
95) Naphthalene	15.373	128	189320	51.894	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	92034	50.341	ug/l	99

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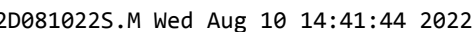
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

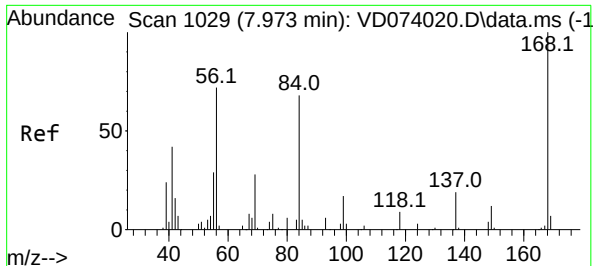
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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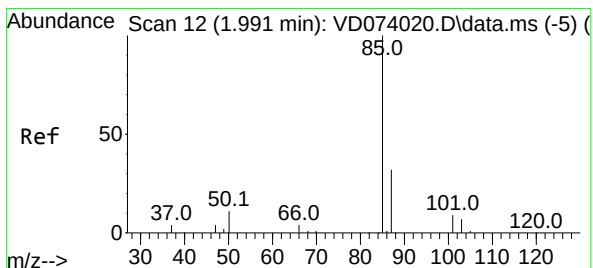
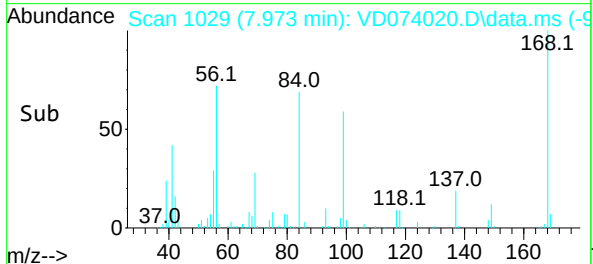
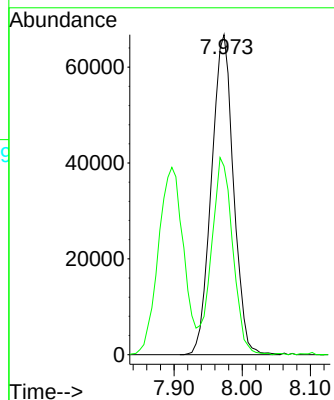
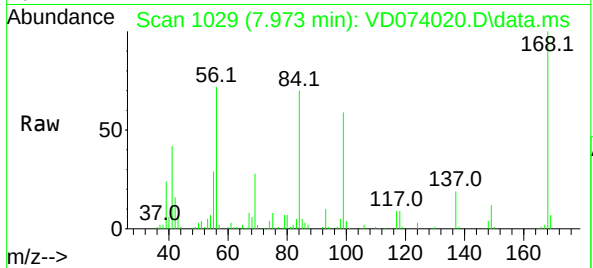




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

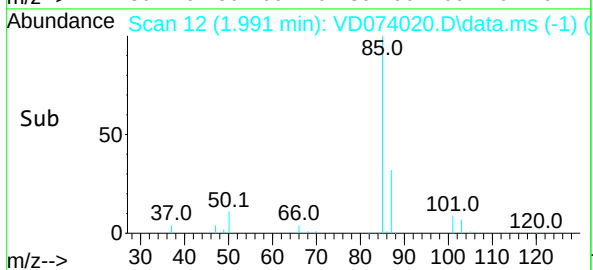
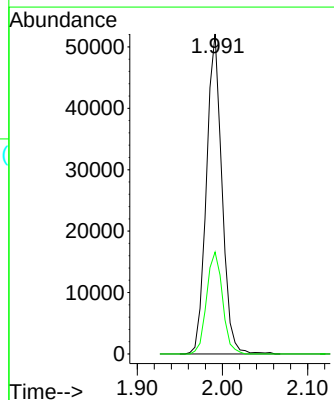
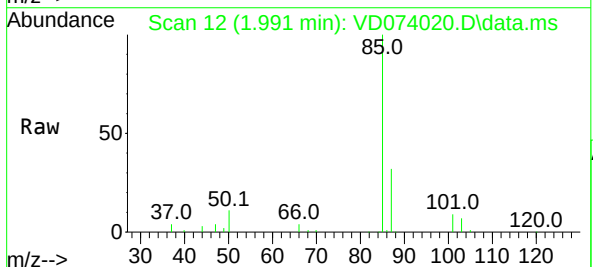
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

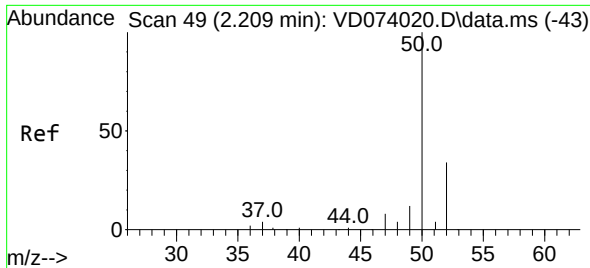
Tgt Ion:168 Resp: 150054
Ion Ratio Lower Upper
168 100
99 58.5 48.3 72.5



#2
Dichlorodifluoromethane
Concen: 44.281 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion: 85 Resp: 65952
Ion Ratio Lower Upper
85 100
87 31.8 16.0 47.9

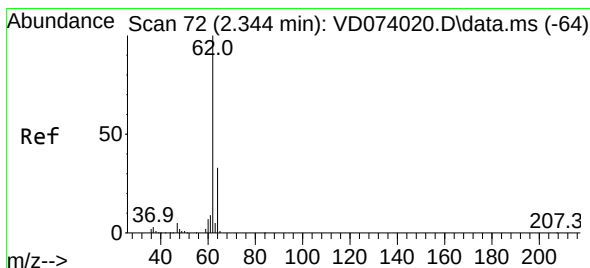
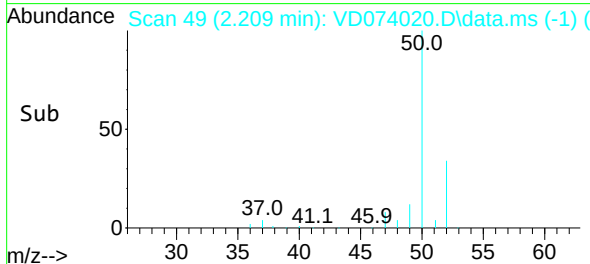
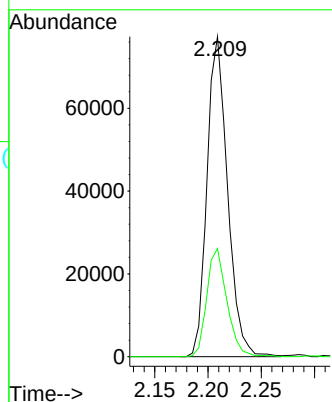
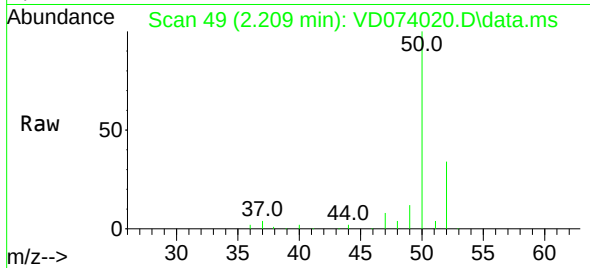




#3
Chloromethane
Concen: 44.793 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

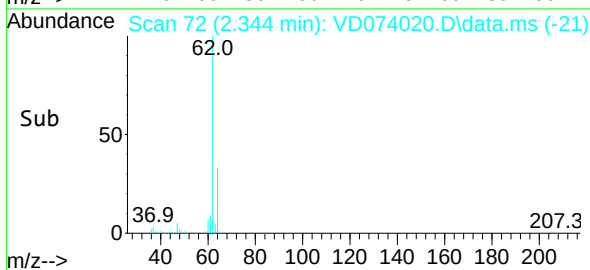
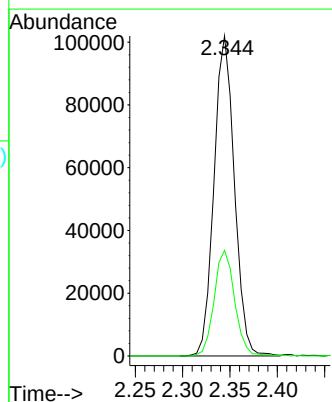
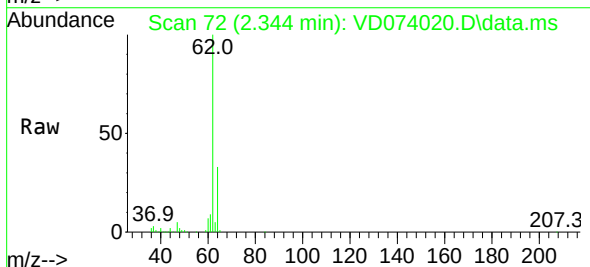
Instrument :
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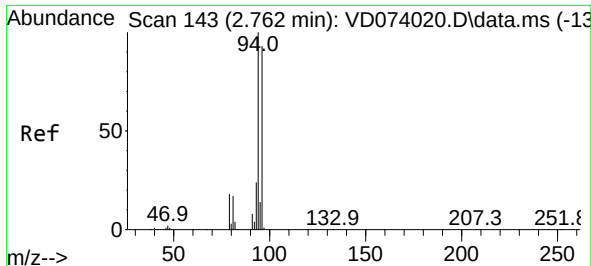
Tgt Ion: 50 Resp: 103967
Ion Ratio Lower Upper
50 100
52 33.8 28.1 42.1



#4
Vinyl Chloride
Concen: 48.374 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion: 62 Resp: 152747
Ion Ratio Lower Upper
62 100
64 33.0 26.2 39.4

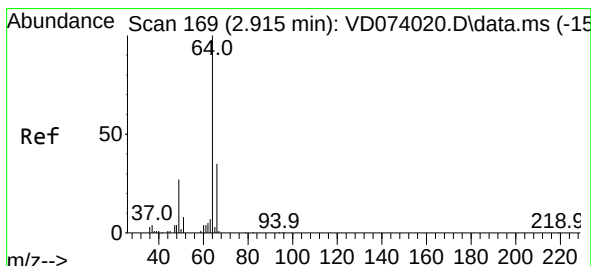
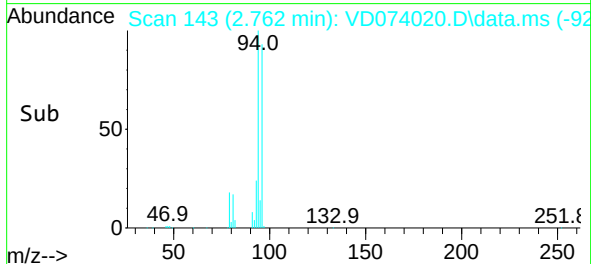
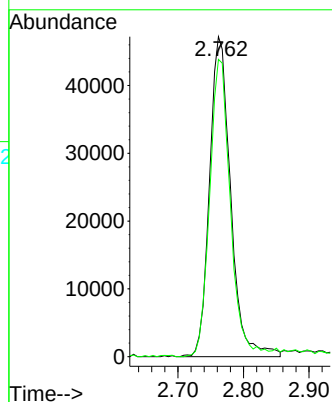
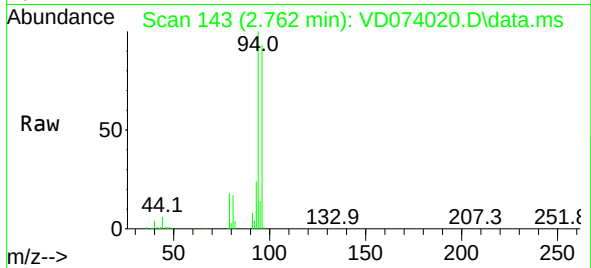




#5
Bromomethane
Concen: 47.881 ug/l
RT: 2.762 min Scan# 143
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

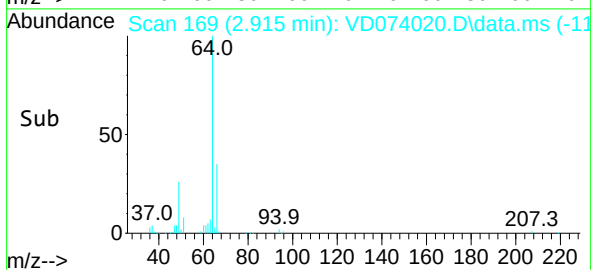
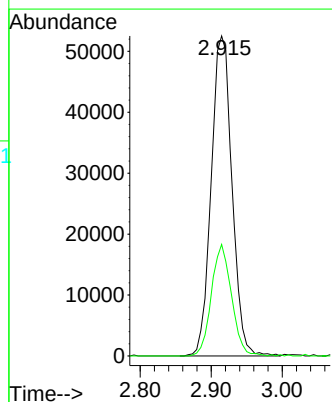
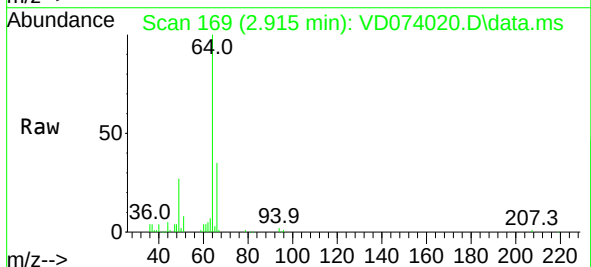
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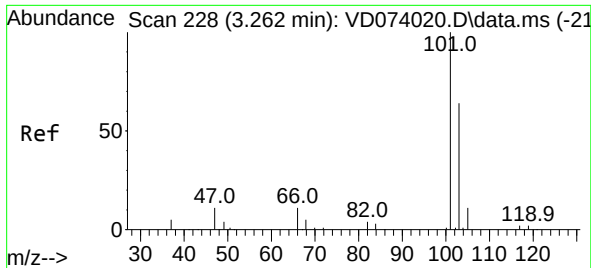
Tgt Ion: 94 Resp: 105376
Ion Ratio Lower Upper
94 100
96 92.9 72.0 108.0



#6
Chloroethane
Concen: 47.002 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion: 64 Resp: 106507
Ion Ratio Lower Upper
64 100
66 34.8 25.0 37.6

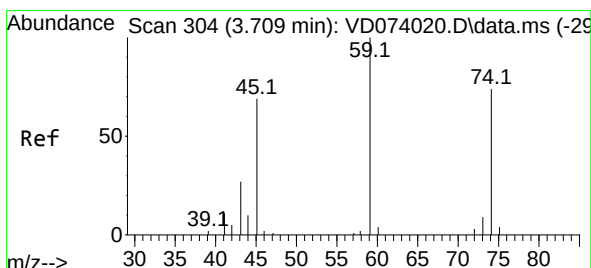
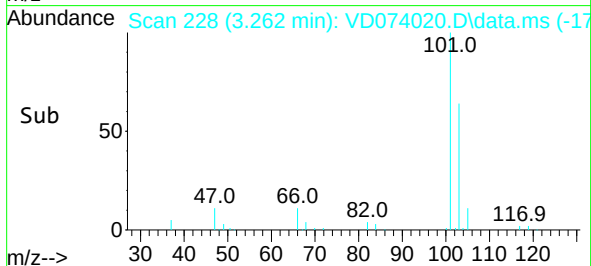
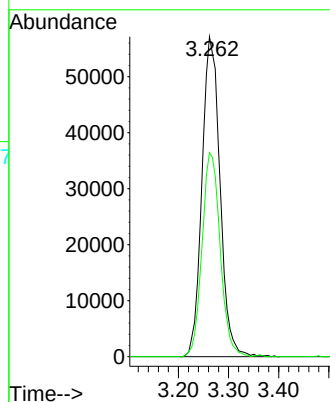
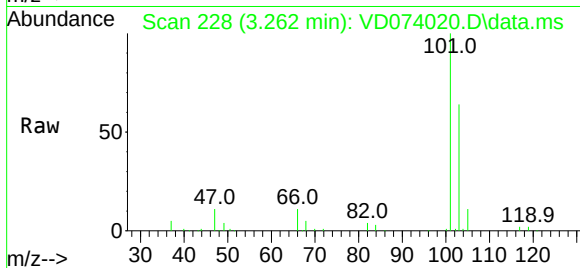




#7
 Trichlorofluoromethane
 Concen: 46.964 ug/l
 RT: 3.262 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD074020.D
 Acq: 10 Aug 2022 12:06

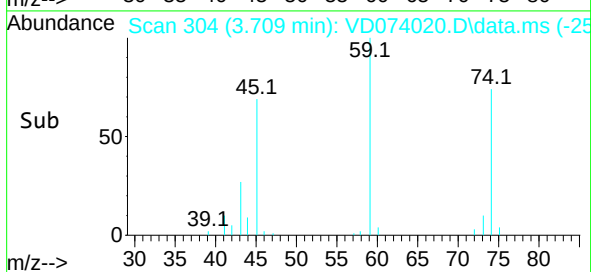
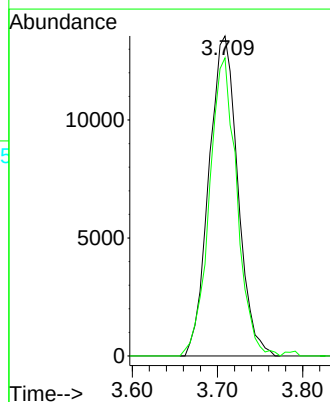
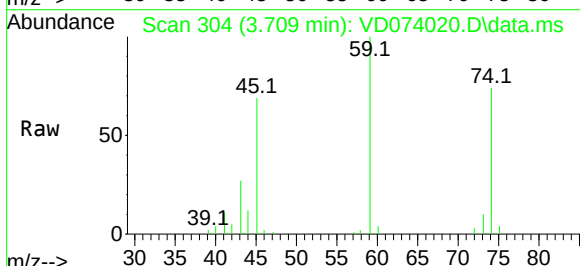
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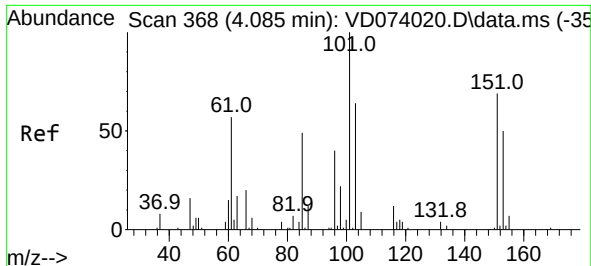
Tgt Ion:101 Resp: 142894
 Ion Ratio Lower Upper
 101 100
 103 63.7 48.2 72.2



#8
 Diethyl Ether
 Concen: 47.043 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.000 min
 Lab File: VD074020.D
 Acq: 10 Aug 2022 12:06

Tgt Ion: 74 Resp: 31981
 Ion Ratio Lower Upper
 74 100
 45 88.7 44.9 134.5

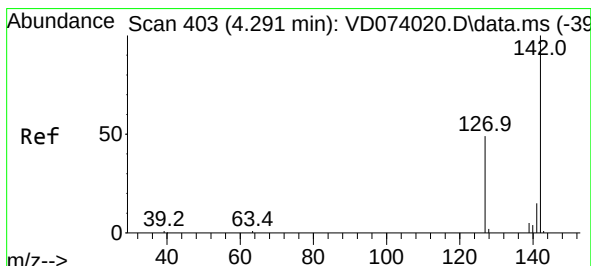
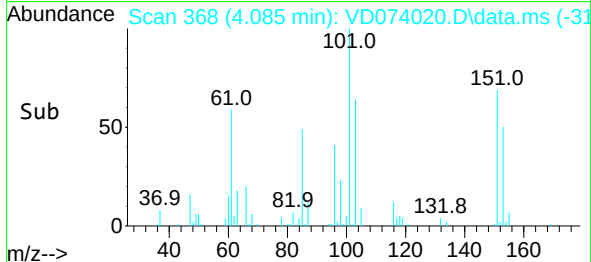
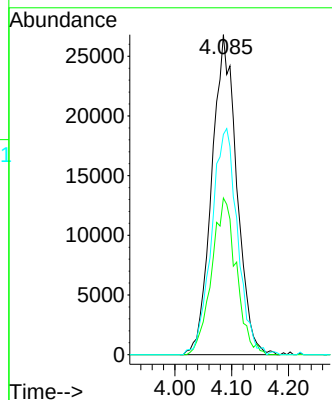
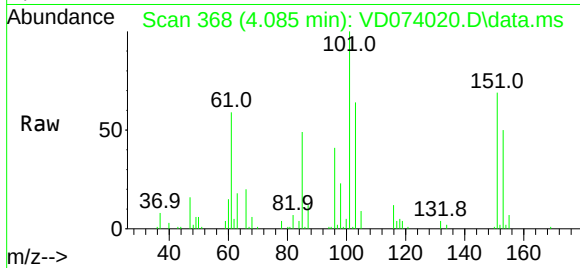




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.581 ug/l
RT: 4.085 min Scan# 368
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

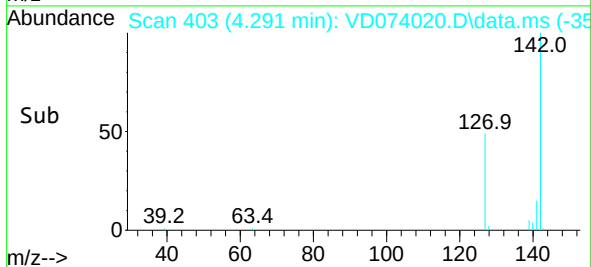
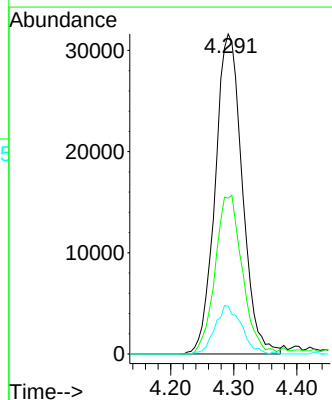
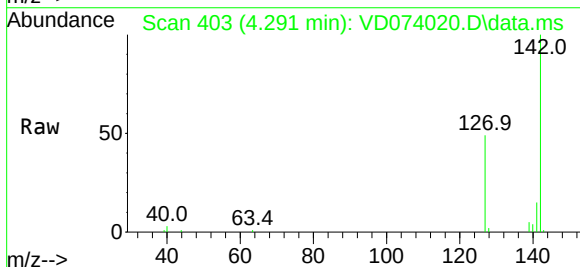
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

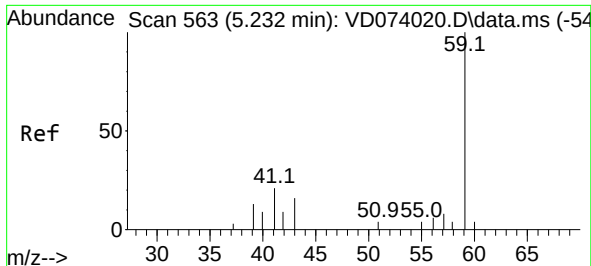
Tgt Ion:101 Resp: 82099
Ion Ratio Lower Upper
101 100
85 48.1 37.1 55.7
151 73.1 60.7 91.1



#10
Methyl Iodide
Concen: 52.891 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion:142 Resp: 94105
Ion Ratio Lower Upper
142 100
127 49.7 39.7 59.5
141 14.7 12.3 18.5





#11

Tert butyl alcohol

Concen: 254.165 ug/l

RT: 5.232 min Scan# 5

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :

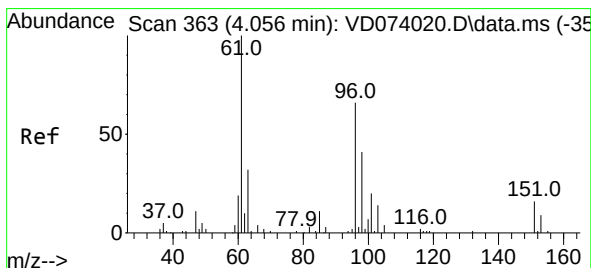
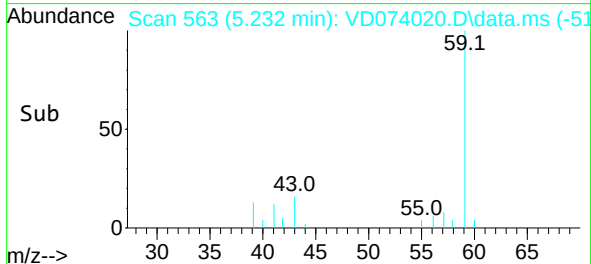
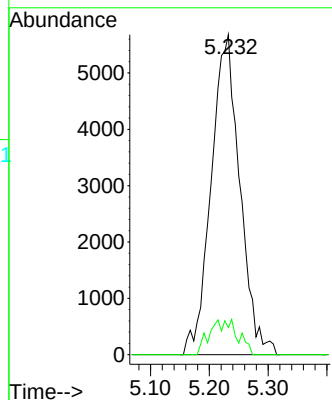
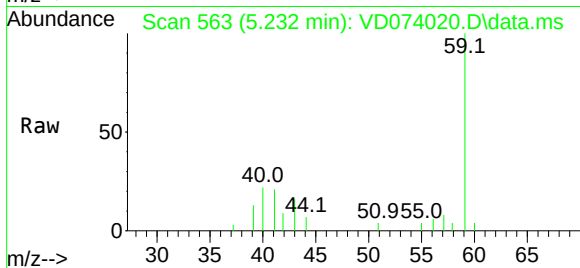
VSTDICCC050

Tgt Ion: 59 Resp: 19260

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 49.911 ug/l

RT: 4.056 min Scan# 363

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

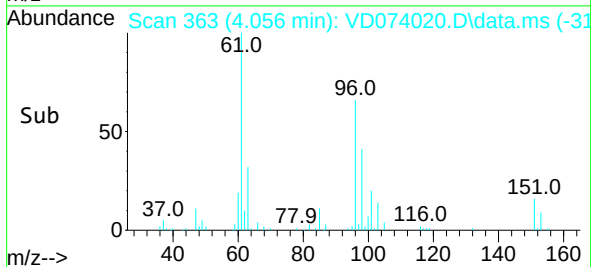
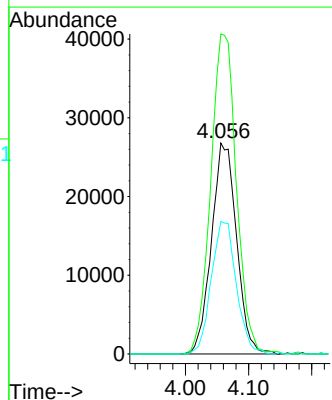
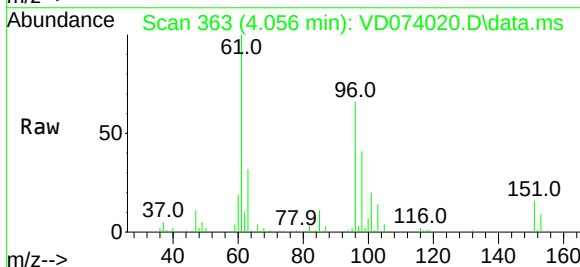
Tgt Ion: 96 Resp: 73941

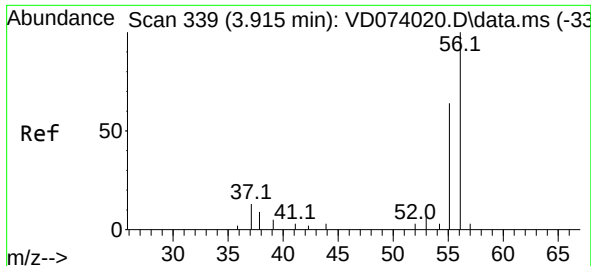
Ion Ratio Lower Upper

96 100

61 151.7 121.8 182.6

98 62.8 47.1 70.7

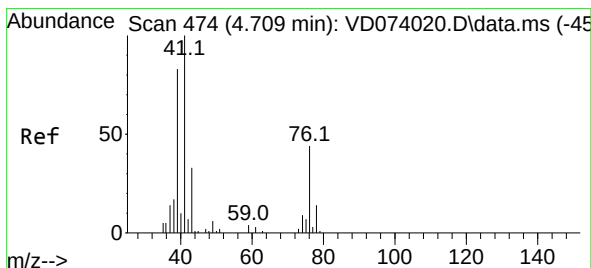
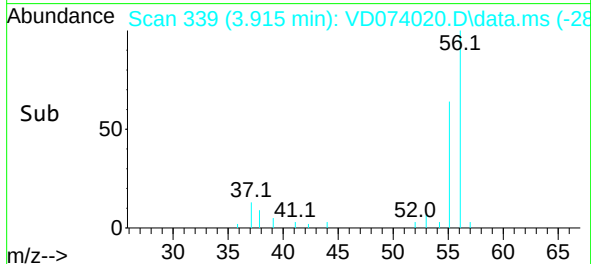
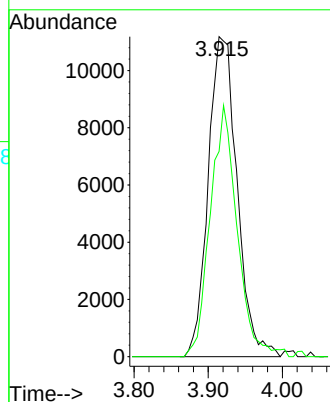
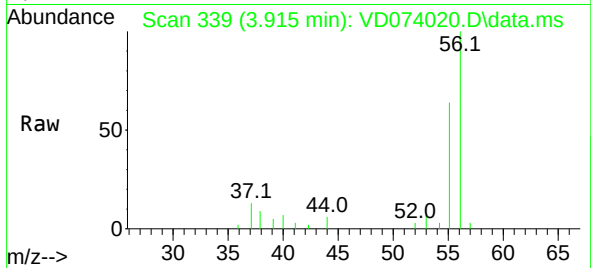




#13
Acrolein
Concen: 262.699 ug/l
RT: 3.915 min Scan# 311
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

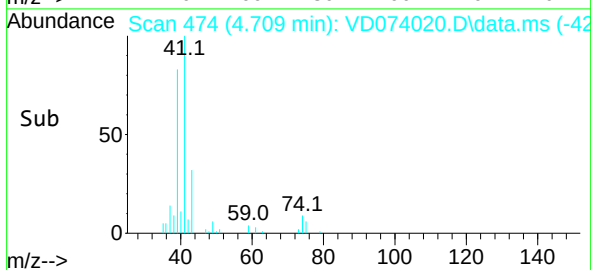
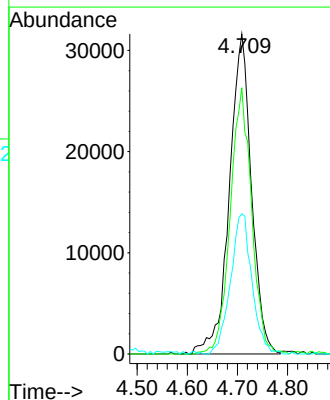
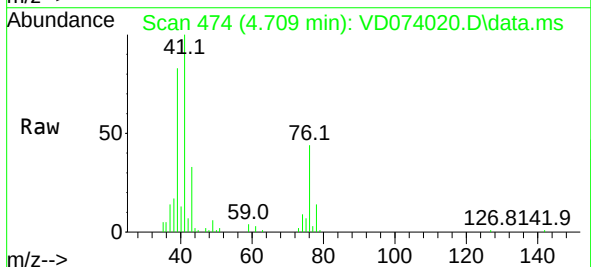
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

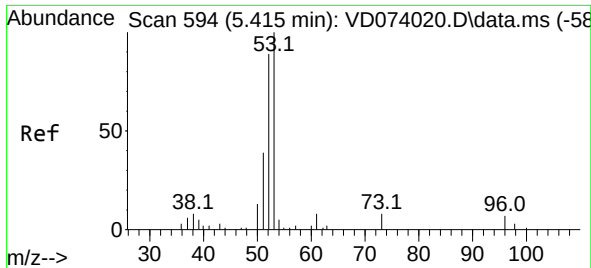
Tgt Ion: 56 Resp: 30289
Ion Ratio Lower Upper
56 100
55 73.4 54.5 81.7



#14
Allyl chloride
Concen: 49.736 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion: 41 Resp: 96904
Ion Ratio Lower Upper
41 100
39 80.3 65.3 97.9
76 42.6 34.8 52.2

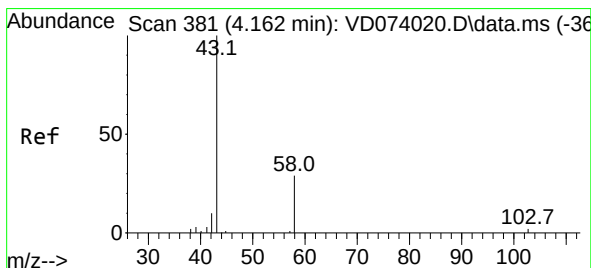
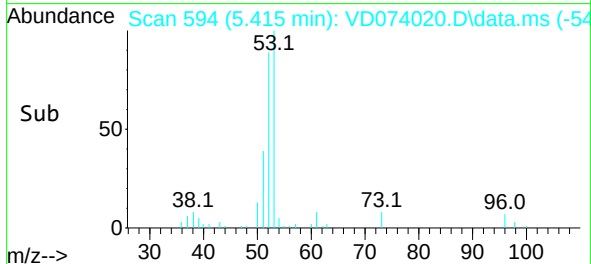
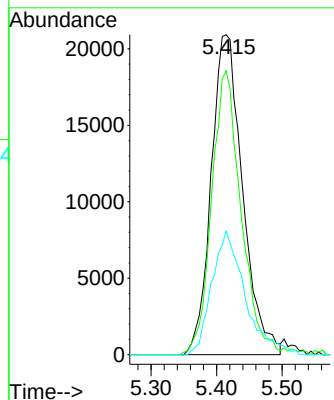
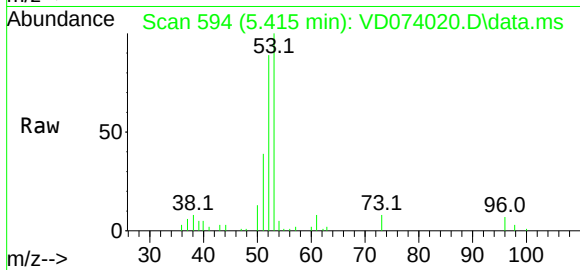




#15
Acrylonitrile
Concen: 242.202 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

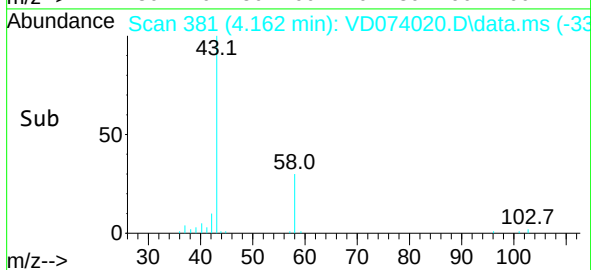
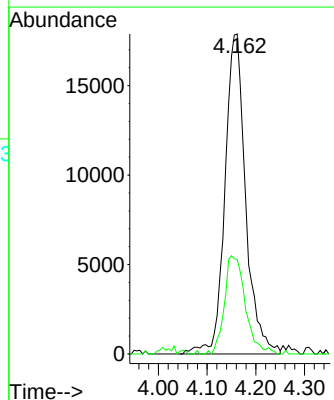
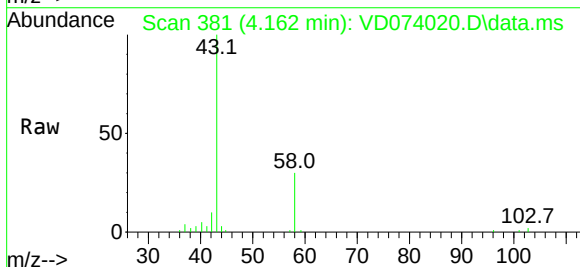
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

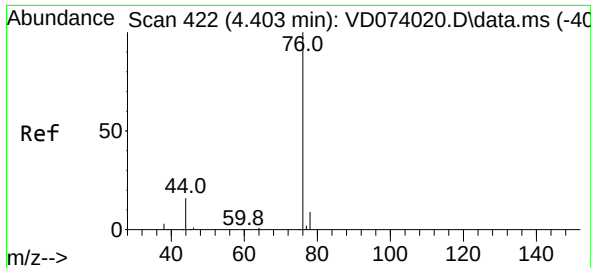
Tgt Ion:	53	Resp:	69530
Ion	Ratio	Lower	Upper
53	100		
52	82.8	63.8	95.8
51	41.0	31.2	46.8



#16
Acetone
Concen: 218.073 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion:	43	Resp:	52952
Ion	Ratio	Lower	Upper
43	100		
58	29.6	22.8	34.2





#17

Carbon Disulfide

Concen: 48.132 ug/l

RT: 4.403 min Scan# 422

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :

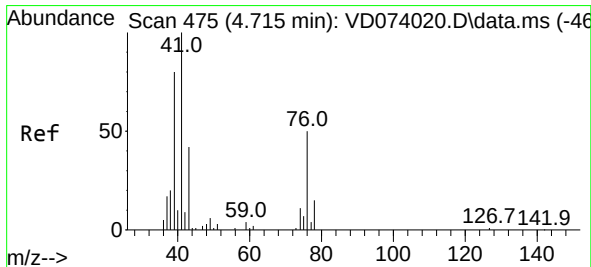
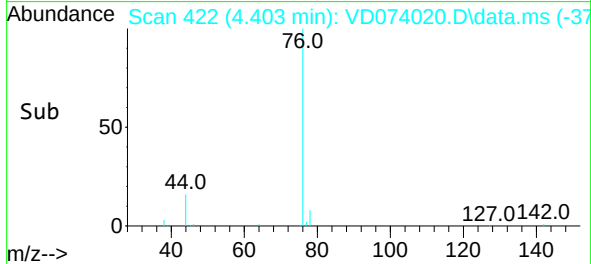
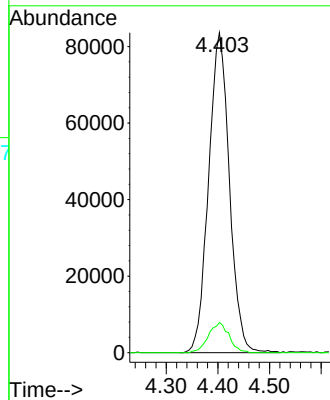
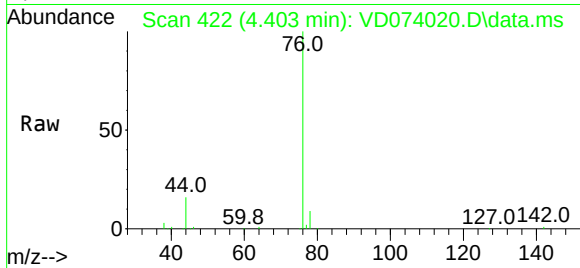
VSTDICCC050

Tgt Ion: 76 Resp: 233814

Ion Ratio Lower Upper

76 100

78 9.4 7.9 11.9



#18

Methyl Acetate

Concen: 43.343 ug/l

RT: 4.715 min Scan# 475

Delta R.T. 0.000 min

Lab File: VD074020.D

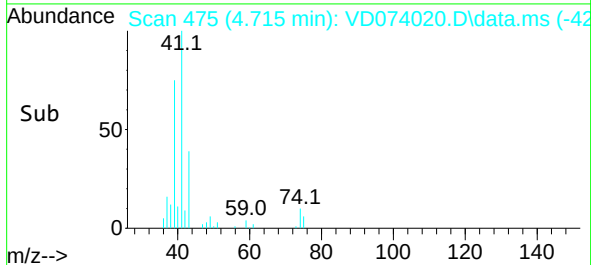
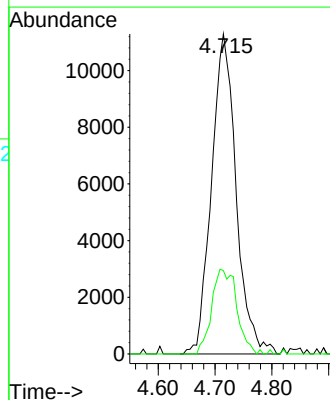
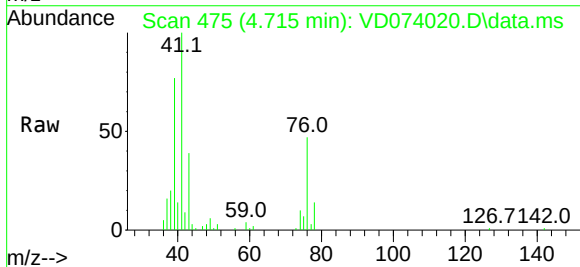
Acq: 10 Aug 2022 12:06

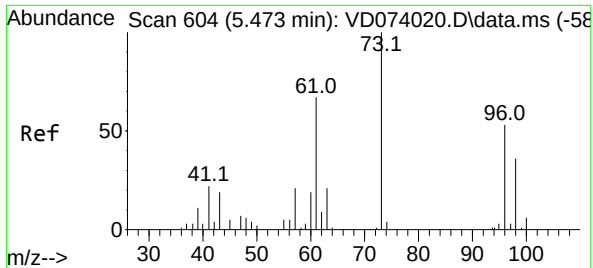
Tgt Ion: 43 Resp: 33980

Ion Ratio Lower Upper

43 100

74 26.9 21.0 31.4

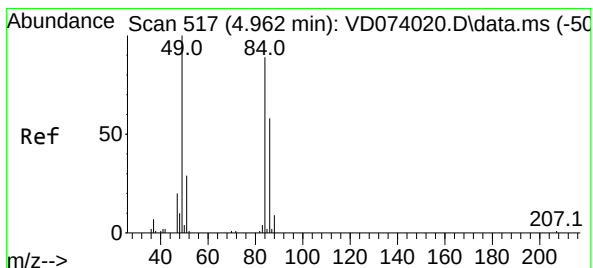
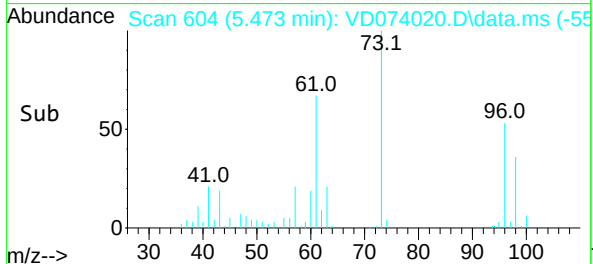
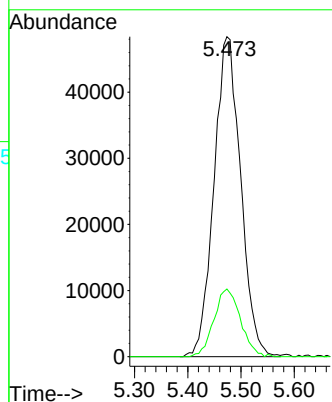
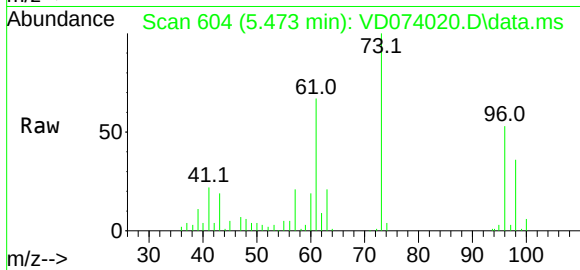




#19
Methyl tert-butyl Ether
Concen: 50.215 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

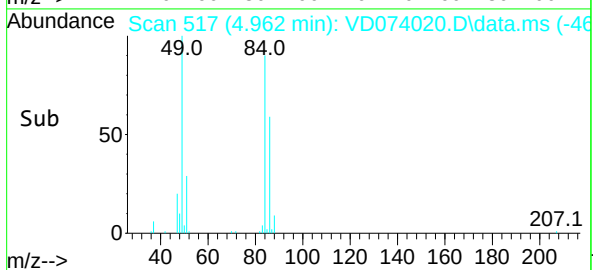
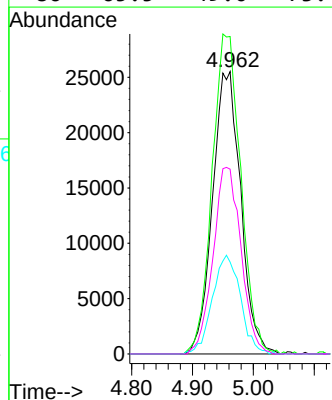
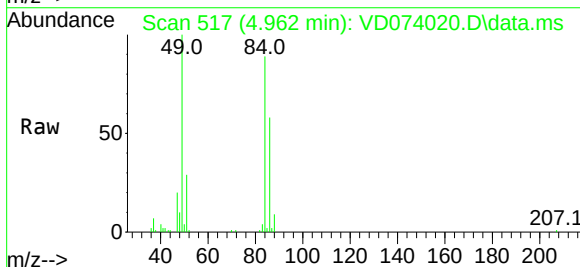
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

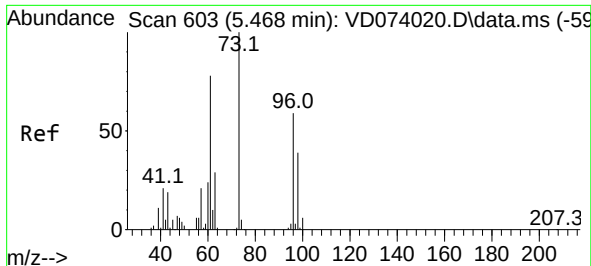
Tgt Ion: 73 Resp: 168147
Ion Ratio Lower Upper
73 100
57 21.1 16.3 24.5



#20
Methylene Chloride
Concen: 45.525 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion: 84 Resp: 81982
Ion Ratio Lower Upper
84 100
49 112.4 85.8 128.6
51 32.5 28.0 42.0
86 65.5 49.0 73.4

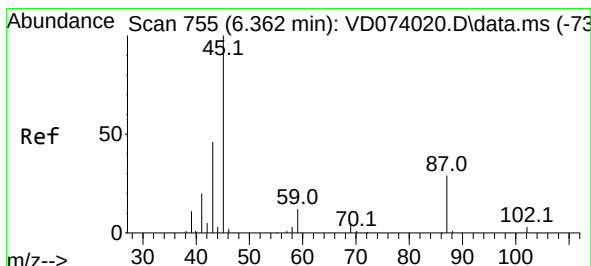
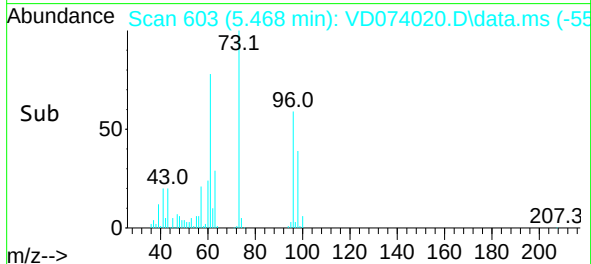
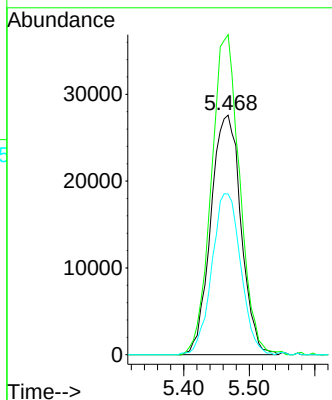
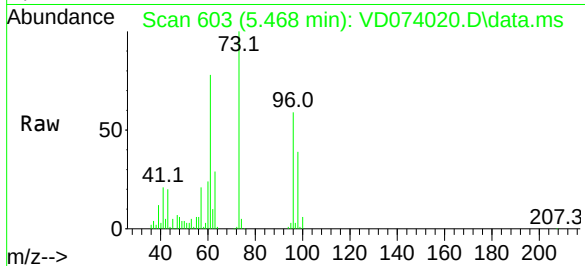




#21
trans-1,2-Dichloroethene
Concen: 49.990 ug/l
RT: 5.468 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

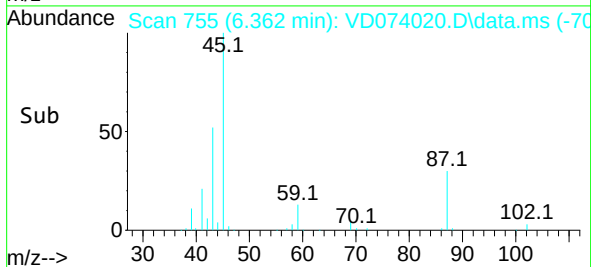
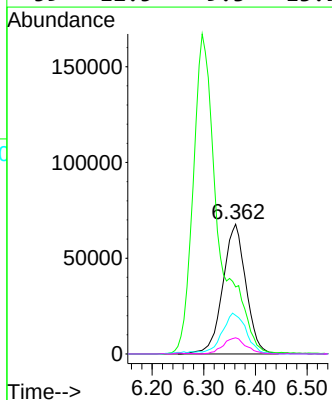
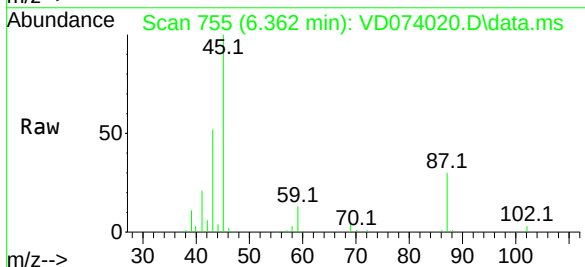
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

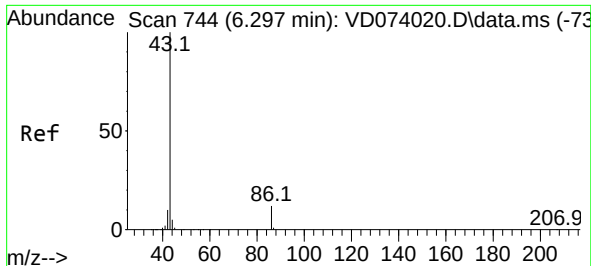
Tgt Ion: 96 Resp: 88088
Ion Ratio Lower Upper
96 100
61 133.6 94.2 141.4
98 67.0 47.2 70.8



#22
Diisopropyl ether
Concen: 51.194 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion: 45 Resp: 210184
Ion Ratio Lower Upper
45 100
43 50.7 46.2 69.4
87 29.7 25.1 37.7
59 12.5 9.3 13.9

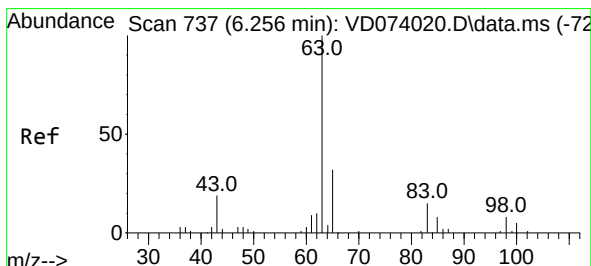
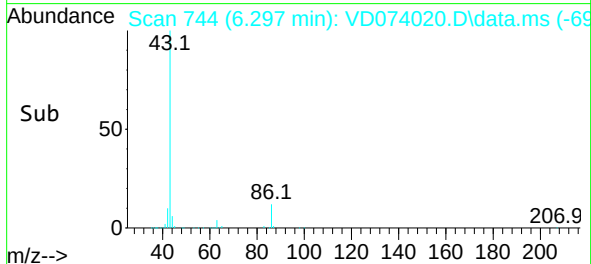
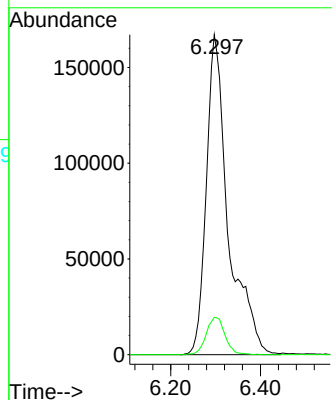
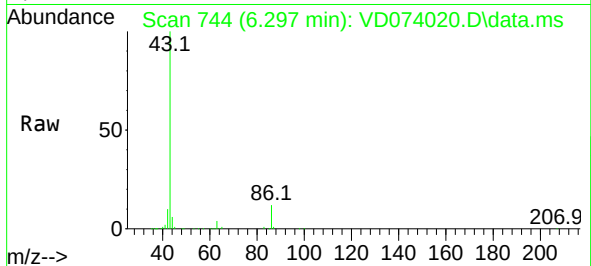




#23
 Vinyl Acetate
 Concen: 55.192 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD074020.D
 Acq: 10 Aug 2022 12:06

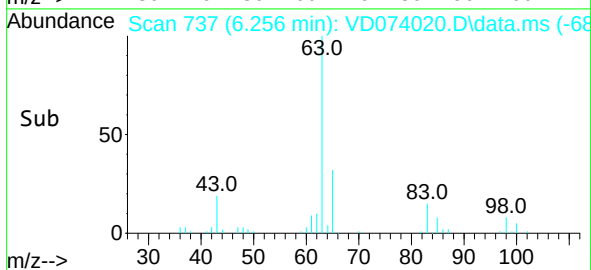
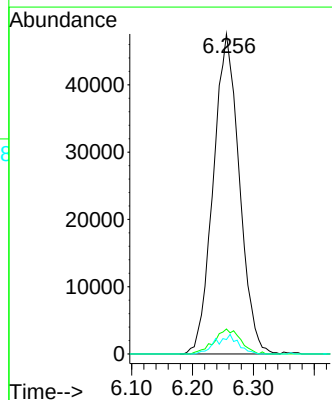
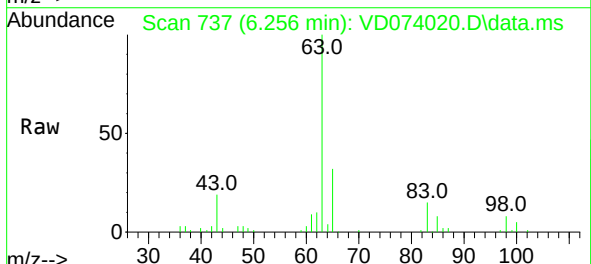
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

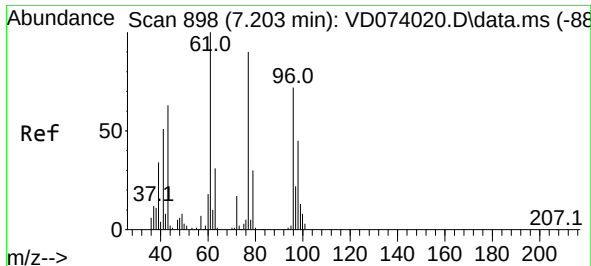
Tgt Ion: 43 Resp: 569358
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 47.773 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: VD074020.D
 Acq: 10 Aug 2022 12:06

Tgt Ion: 63 Resp: 141682
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.6
 100 4.5 2.9 8.7

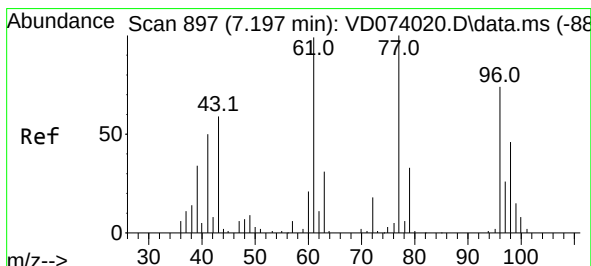
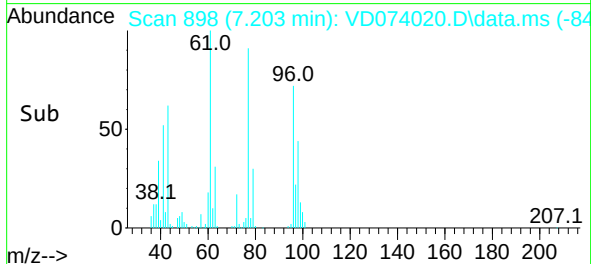
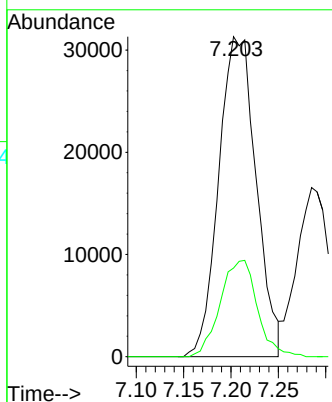
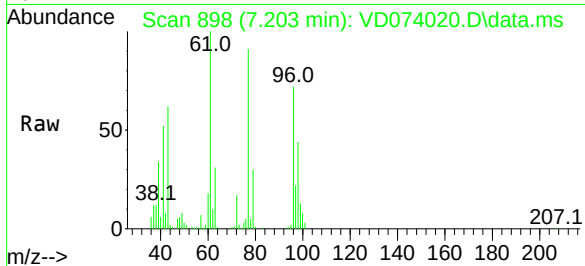




#25
2-Butanone
Concen: 229.509 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

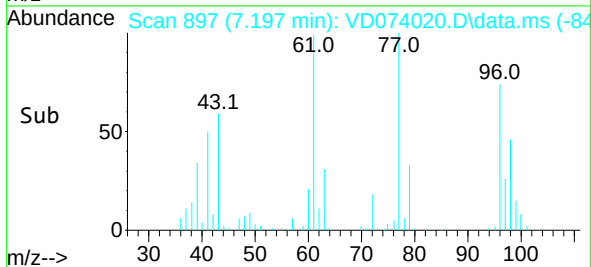
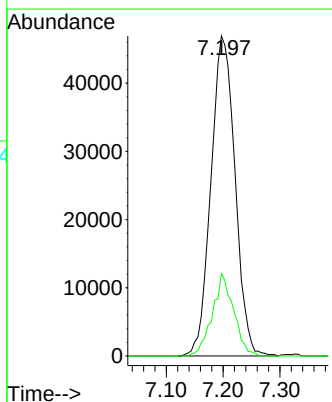
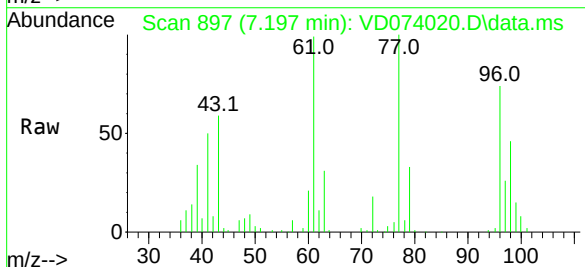
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

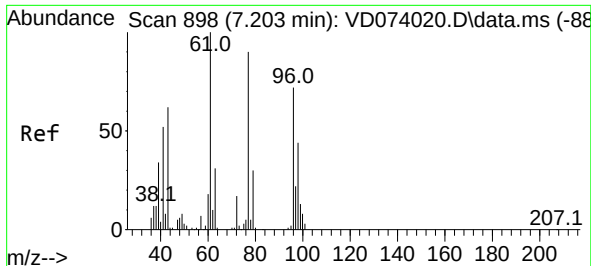
Tgt Ion: 43 Resp: 86140
Ion Ratio Lower Upper
43 100
72 27.7 23.0 34.6



#26
2,2-Dichloropropane
Concen: 48.919 ug/l
RT: 7.197 min Scan# 897
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion: 77 Resp: 138307
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.5

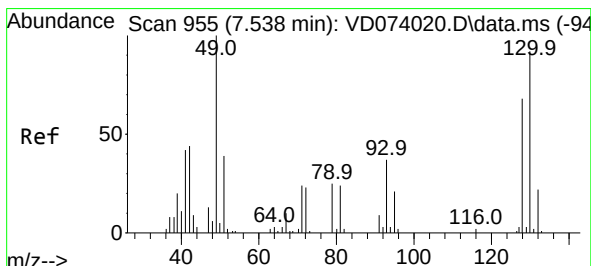
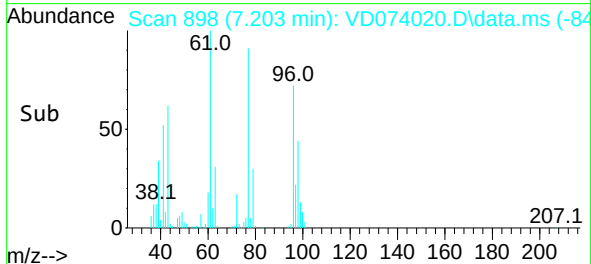
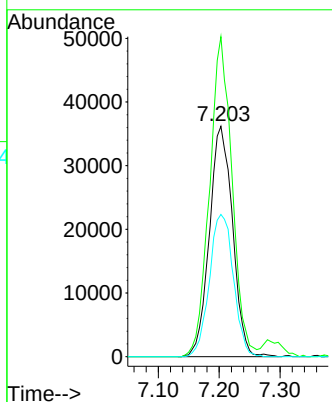
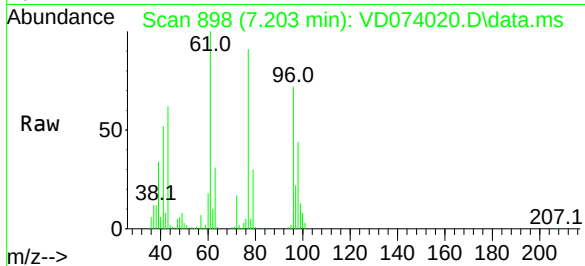




#27
 cis-1,2-Dichloroethene
 Concen: 50.209 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. 0.000 min
 Lab File: VD074020.D
 Acq: 10 Aug 2022 12:06

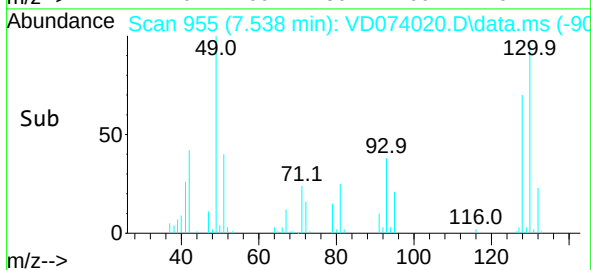
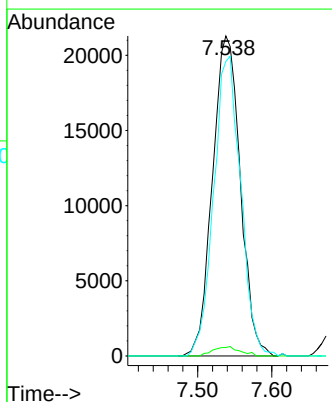
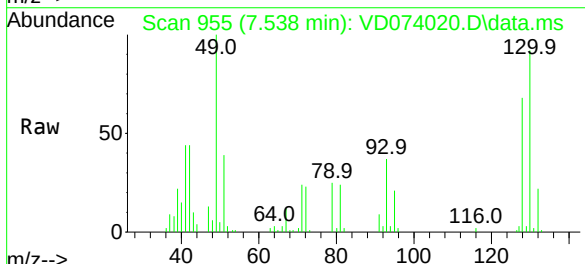
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

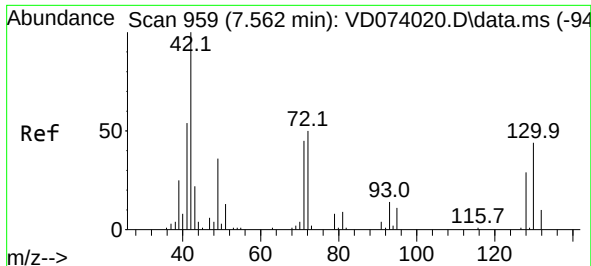
Tgt Ion: 96 Resp: 95715
 Ion Ratio Lower Upper
 96 100
 61 134.7 0.0 280.0
 98 64.0 0.0 129.4



#28
 Bromochloromethane
 Concen: 48.405 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. 0.000 min
 Lab File: VD074020.D
 Acq: 10 Aug 2022 12:06

Tgt Ion: 49 Resp: 55397
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 2.6#
 130 91.2 69.6 104.4





#29

Tetrahydrofuran

Concen: 245.327 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

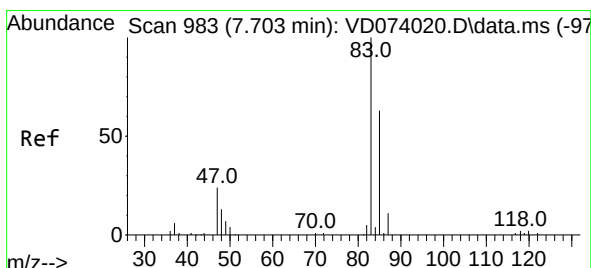
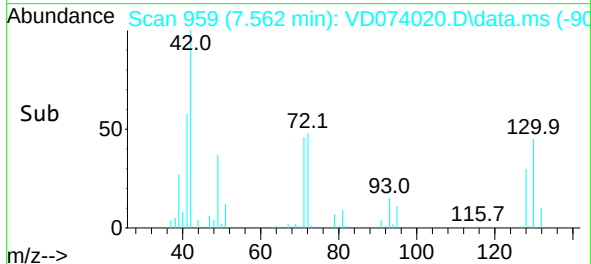
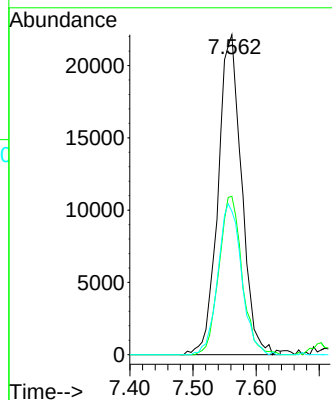
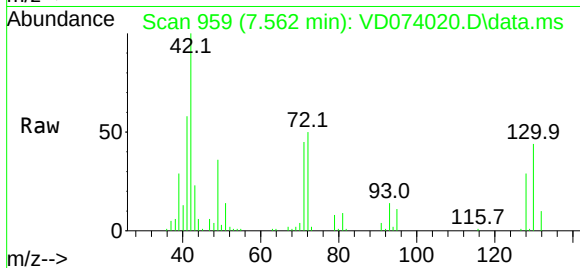
Tgt Ion: 42 Resp: 57372

Ion Ratio Lower Upper

42 100

72 48.5 37.4 56.2

71 47.3 35.5 53.3



#30

Chloroform

Concen: 48.915 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD074020.D

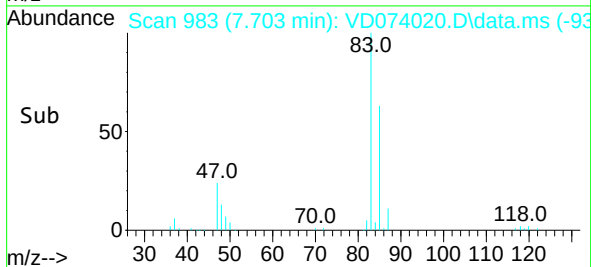
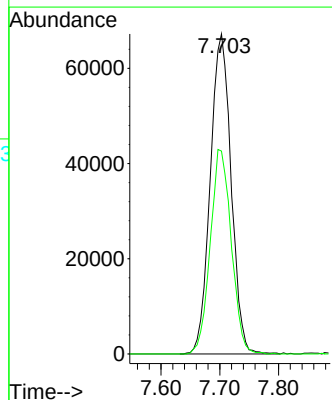
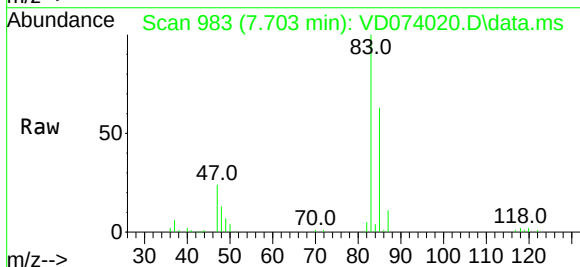
Acq: 10 Aug 2022 12:06

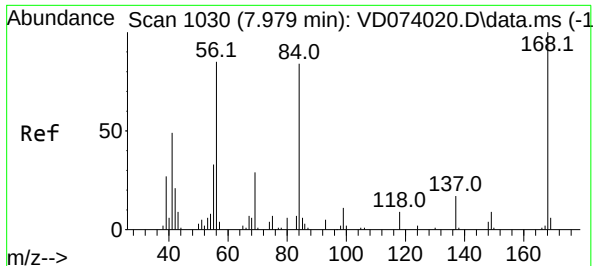
Tgt Ion: 83 Resp: 165277

Ion Ratio Lower Upper

83 100

85 63.4 50.3 75.5





#31

Cyclohexane

Concen: 46.843 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

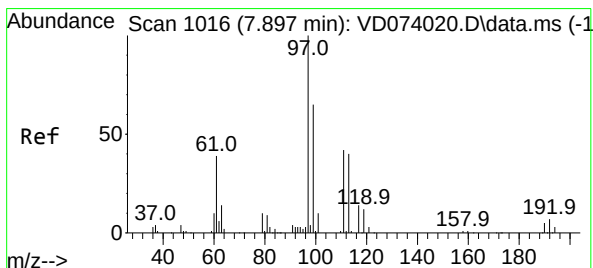
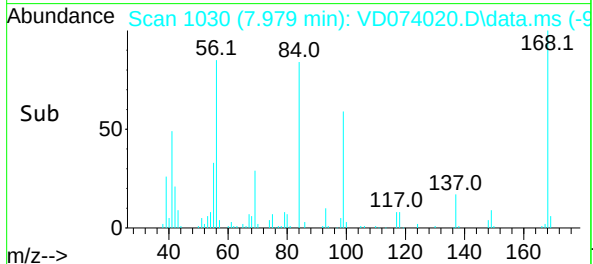
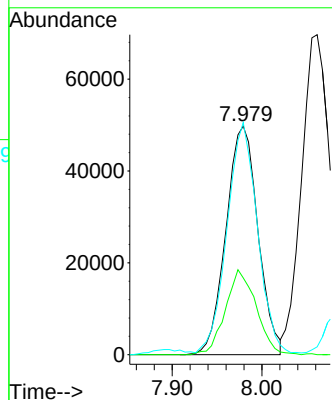
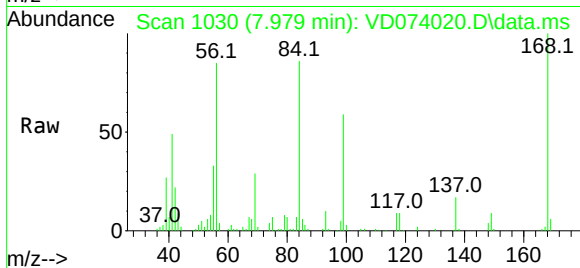
Tgt Ion: 56 Resp: 123439

Ion Ratio Lower Upper

56 100

69 33.6 27.9 41.9

84 99.2 75.8 113.6



#32

1,1,1-Trichloroethane

Concen: 48.506 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

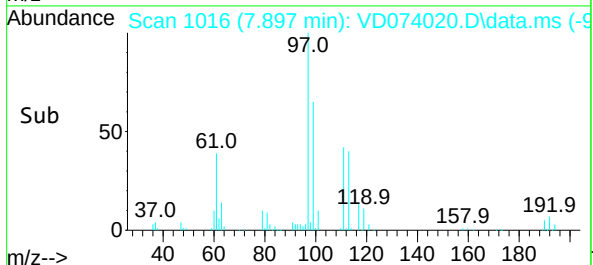
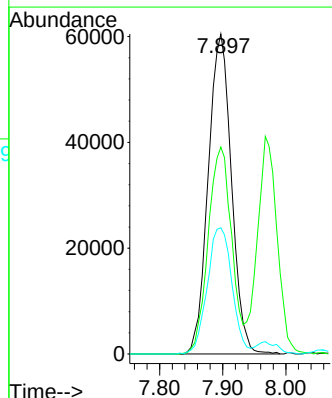
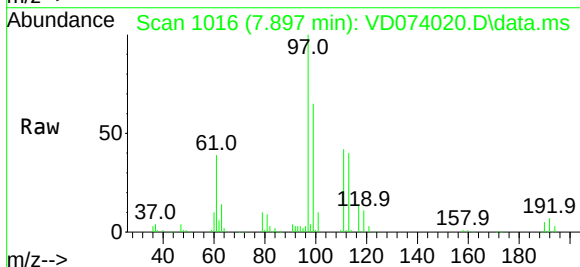
Tgt Ion: 97 Resp: 154548

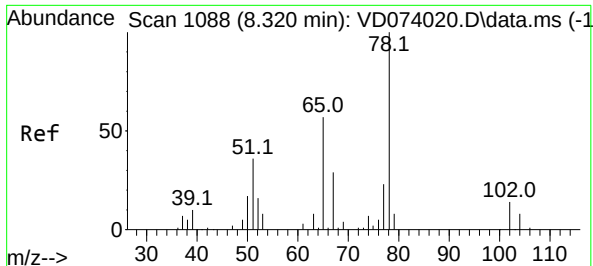
Ion Ratio Lower Upper

97 100

99 65.2 49.8 74.6

61 42.0 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 40.204 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :

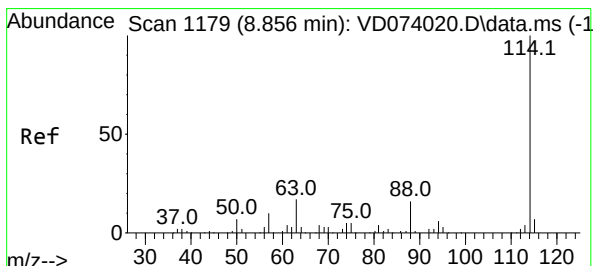
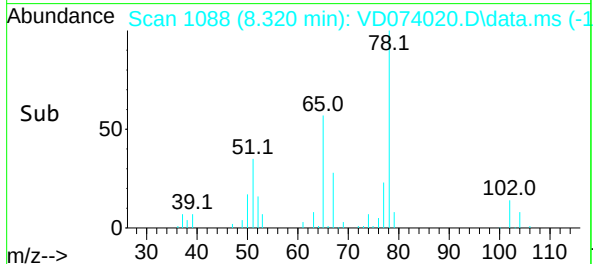
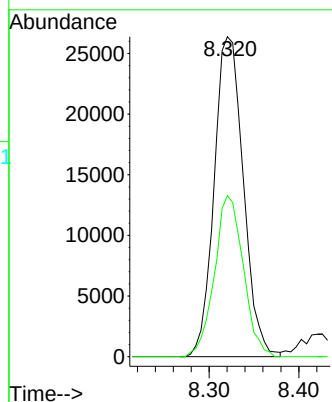
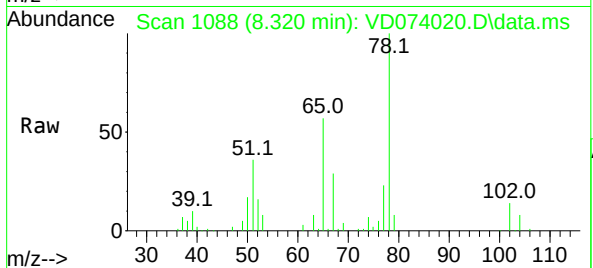
VSTDICCC050

Tgt Ion: 65 Resp: 59531

Ion Ratio Lower Upper

65 100

67 49.7 0.0 113.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

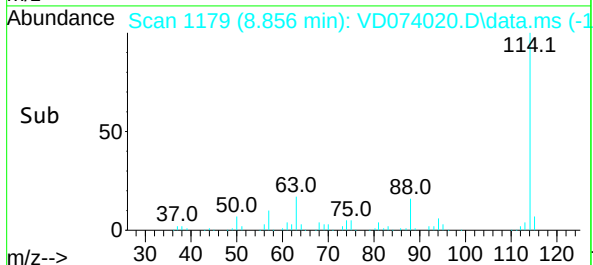
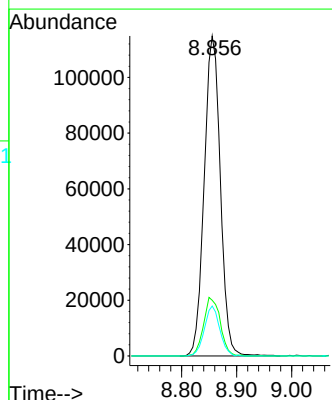
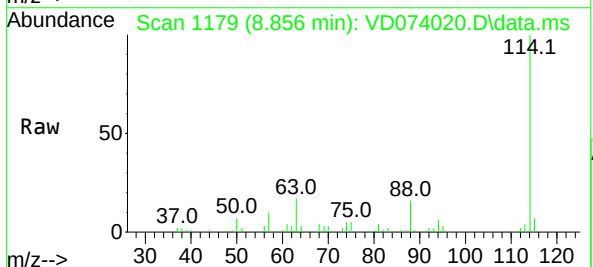
Tgt Ion: 114 Resp: 234663

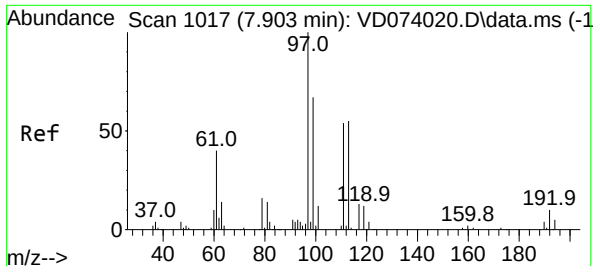
Ion Ratio Lower Upper

114 100

63 17.4 0.0 41.0

88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 45.523 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

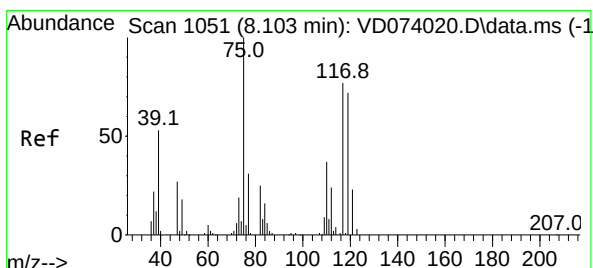
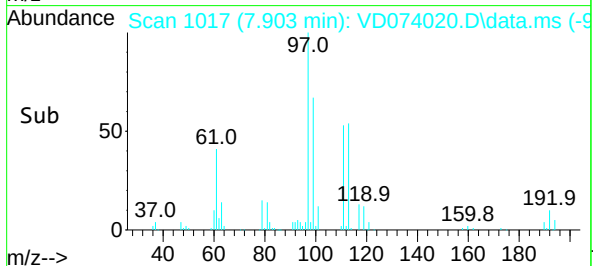
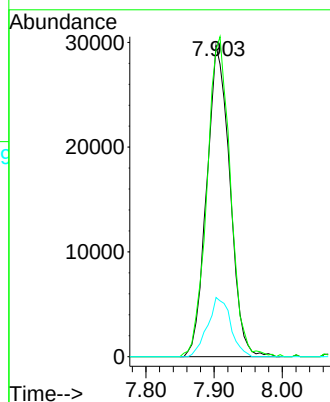
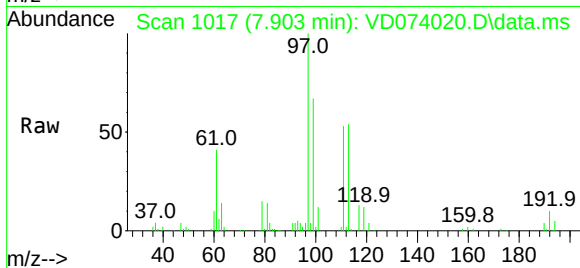
Tgt Ion:113 Resp: 70281

Ion Ratio Lower Upper

113 100

111 103.8 80.0 120.0

192 18.9 14.2 21.4



#36

1,1-Dichloropropene

Concen: 51.704 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

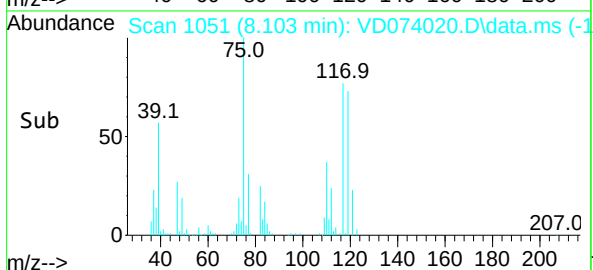
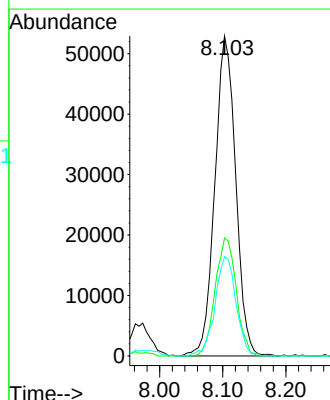
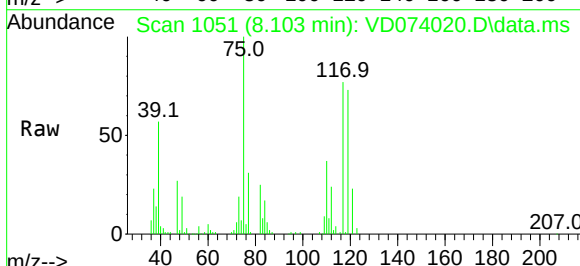
Tgt Ion: 75 Resp: 121422

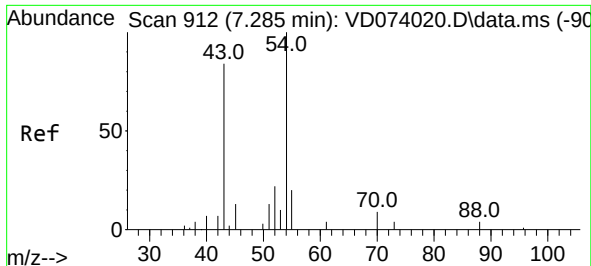
Ion Ratio Lower Upper

75 100

110 37.2 18.4 55.4

77 31.4 24.6 36.8





#37

Ethyl Acetate

Concen: 48.838 ug/l

RT: 7.285 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

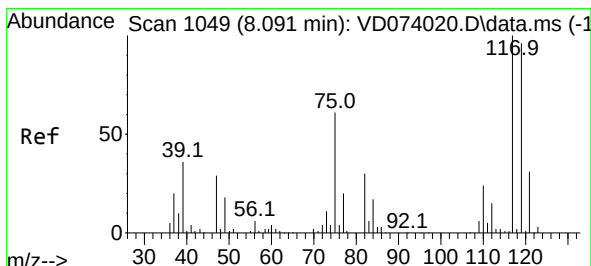
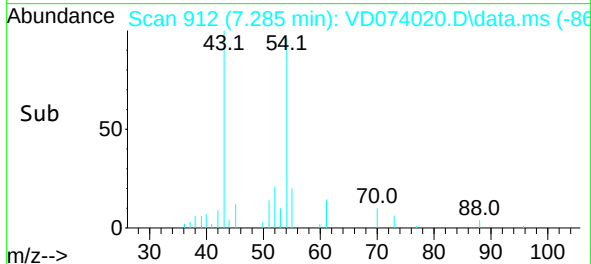
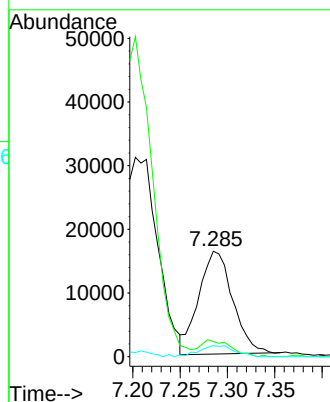
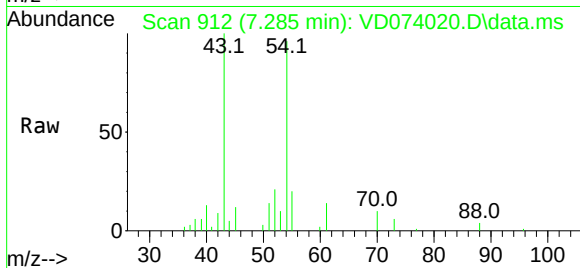
Tgt Ion: 43 Resp: 40275

Ion Ratio Lower Upper

43 100

61 14.9 11.0 16.6

70 11.1 10.2 15.2



#38

Carbon Tetrachloride

Concen: 52.138 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

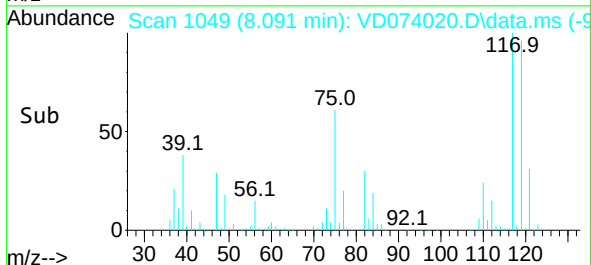
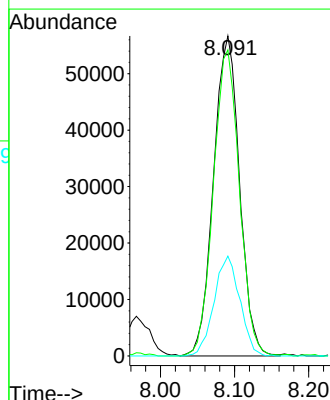
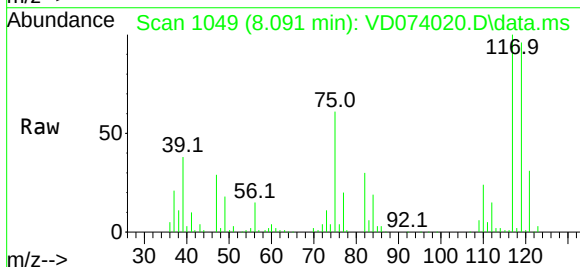
Tgt Ion: 117 Resp: 138433

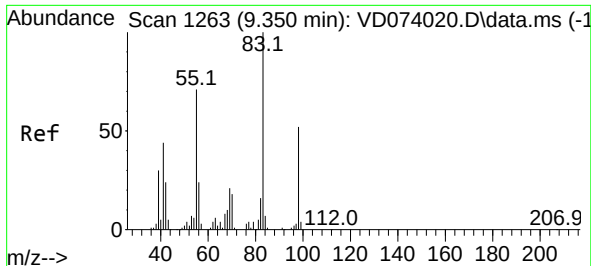
Ion Ratio Lower Upper

117 100

119 95.7 75.4 113.2

121 31.2 25.2 37.8





#39

Methylcyclohexane

Concen: 53.600 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

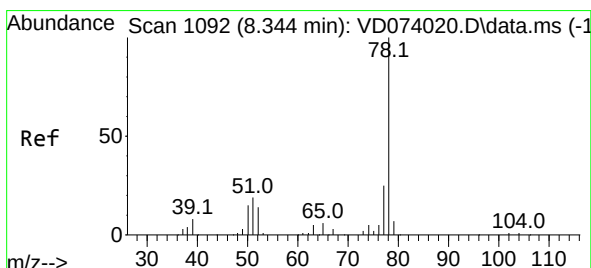
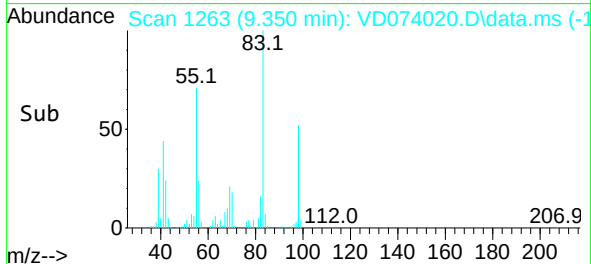
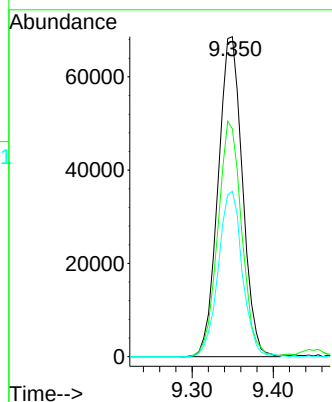
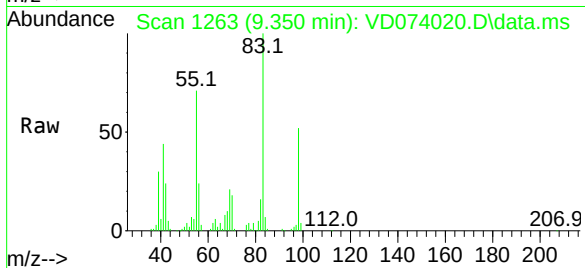
Tgt Ion: 83 Resp: 142943

Ion Ratio Lower Upper

83 100

55 71.2 58.3 87.5

98 51.7 41.0 61.4



#40

Benzene

Concen: 51.222 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD074020.D

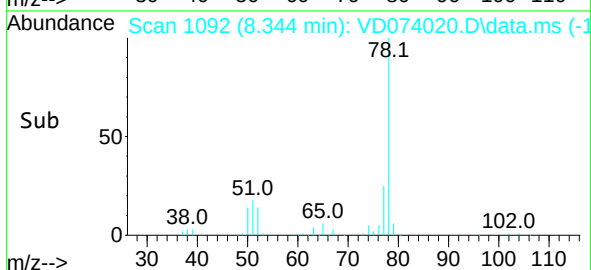
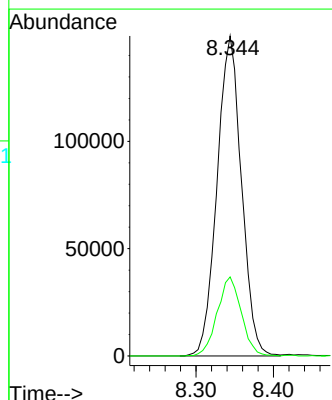
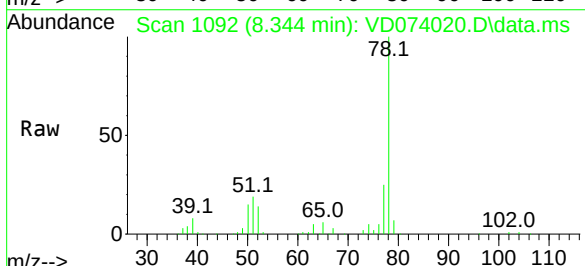
Acq: 10 Aug 2022 12:06

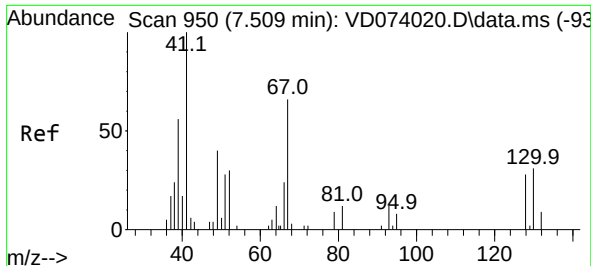
Tgt Ion: 78 Resp: 326755

Ion Ratio Lower Upper

78 100

77 24.7 18.7 28.1

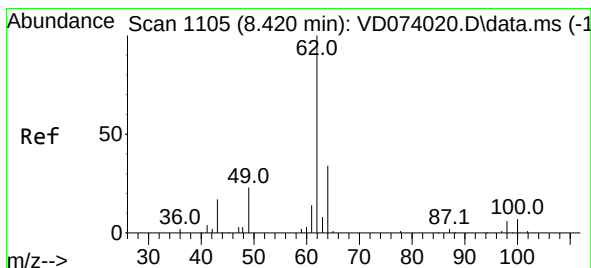
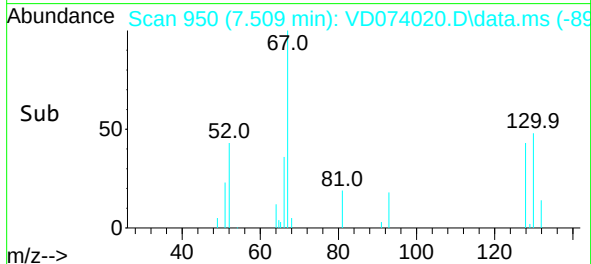
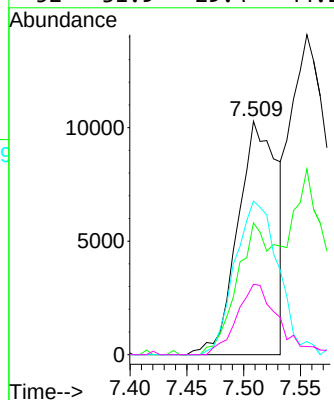
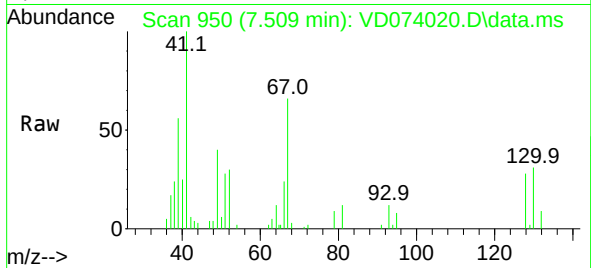




#41
Methacrylonitrile
Concen: 54.039 ug/l
RT: 7.509 min Scan# 910
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

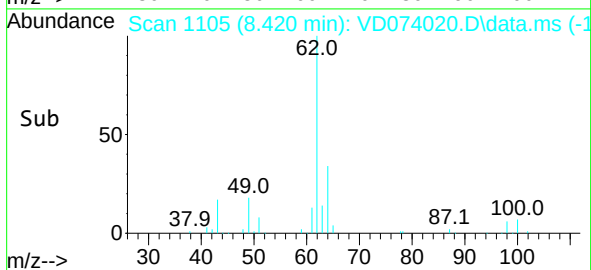
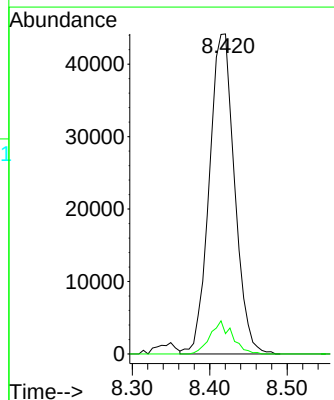
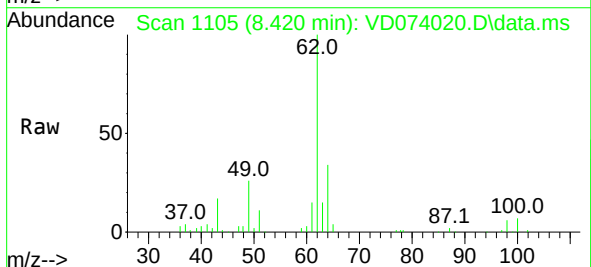
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

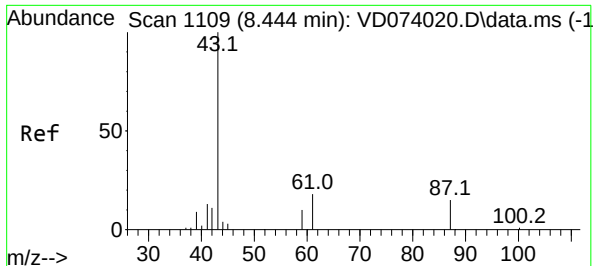
Tgt Ion: 41	Resp: 24751
Ion Ratio	Lower Upper
41 100	
39 56.5	48.2 72.4
67 73.0	66.3 99.5
52 31.9	29.4 44.2



#42
1,2-Dichloroethane
Concen: 50.910 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion: 62	Resp: 100373
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 19.2

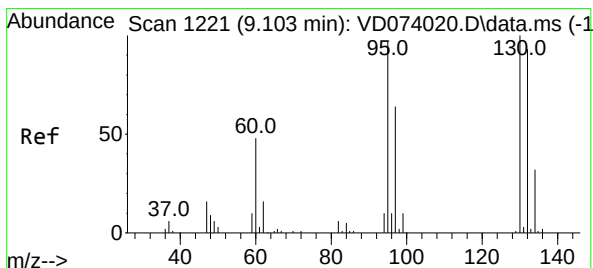
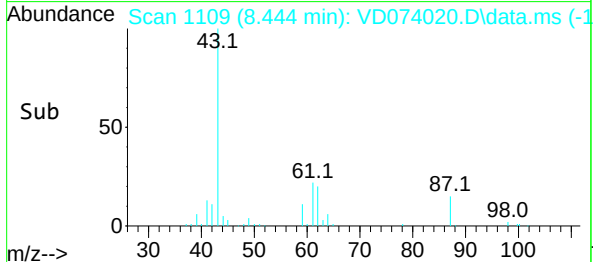
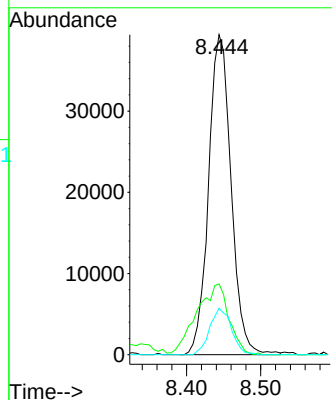
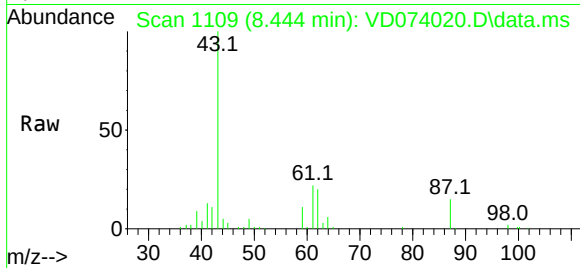




#43
Isopropyl Acetate
Concen: 50.429 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

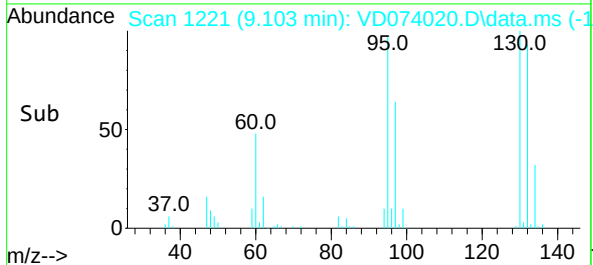
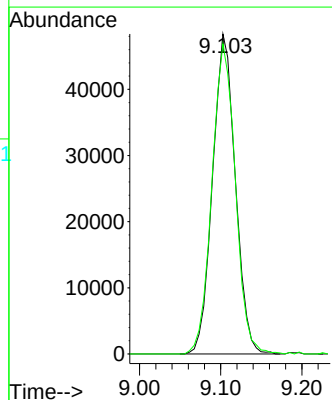
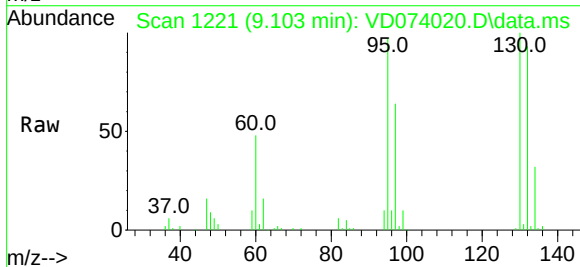
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

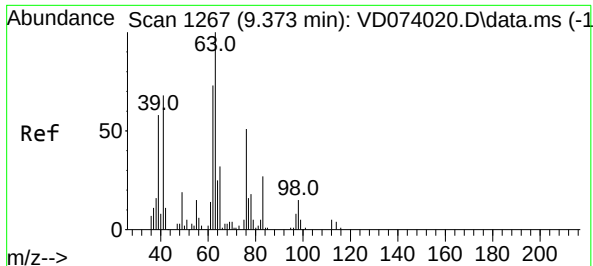
Tgt Ion: 43 Resp: 83125
Ion Ratio Lower Upper
43 100
61 31.8 25.3 37.9
87 14.1 11.4 17.2



#44
Trichloroethene
Concen: 50.295 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion: 130 Resp: 94133
Ion Ratio Lower Upper
130 100
95 96.9 0.0 190.6





#45

1,2-Dichloropropane

Concen: 50.841 ug/l

RT: 9.373 min Scan# 1267

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :

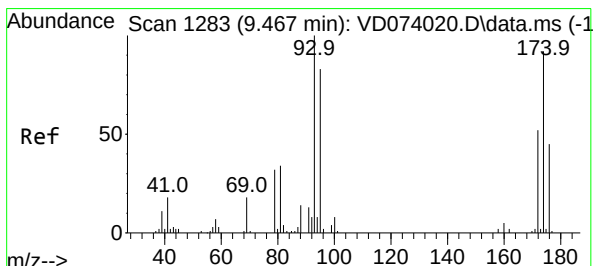
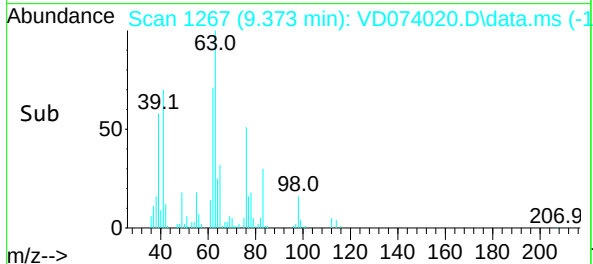
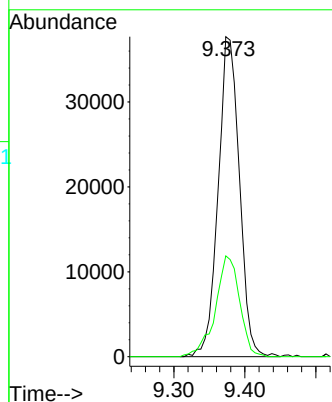
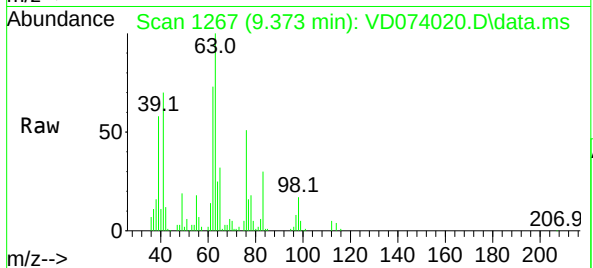
VSTDICCC050

Tgt Ion: 63 Resp: 78082

Ion Ratio Lower Upper

63 100

65 31.5 24.6 36.8



#46

Dibromomethane

Concen: 49.622 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

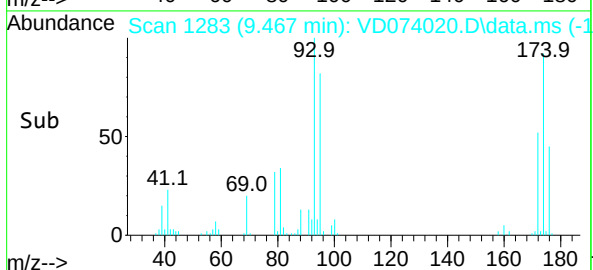
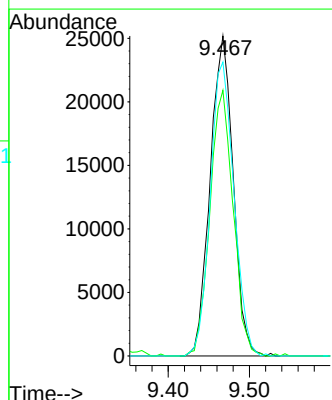
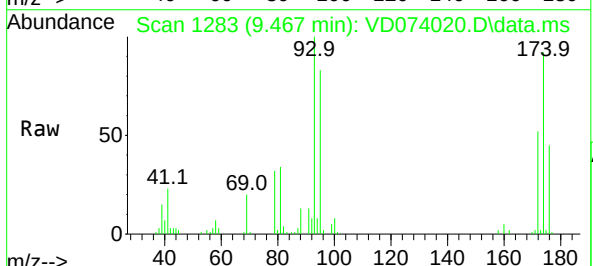
Tgt Ion: 93 Resp: 49681

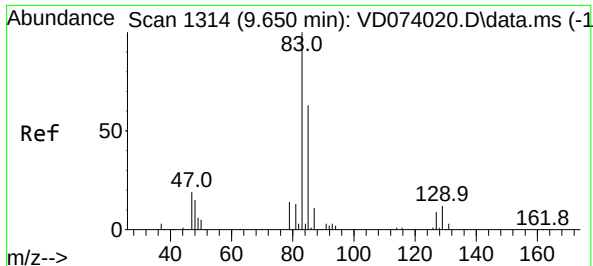
Ion Ratio Lower Upper

93 100

95 83.5 66.4 99.6

174 94.2 76.2 114.4





#47

Bromodichloromethane

Concen: 50.924 ug/l

RT: 9.650 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

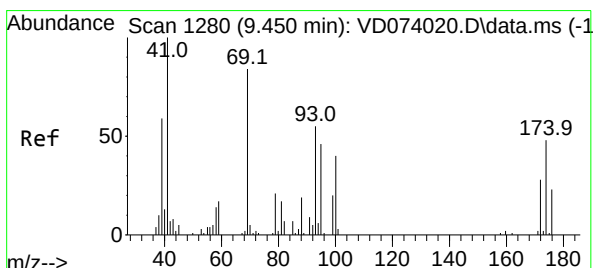
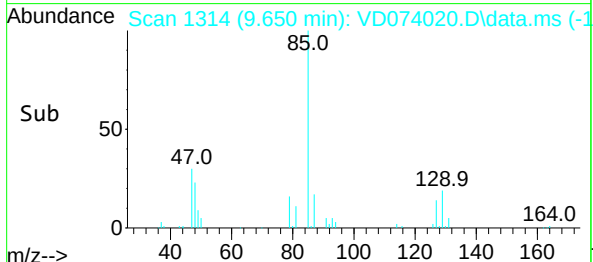
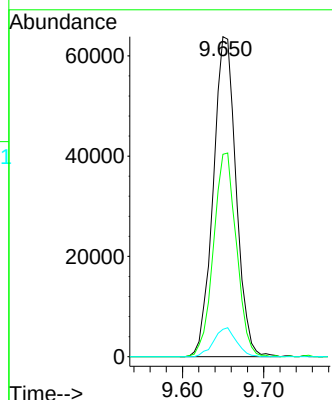
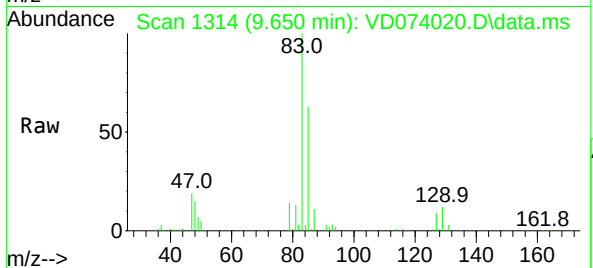
Tgt Ion: 83 Resp: 124999

Ion Ratio Lower Upper

83 100

85 63.2 52.5 78.7

127 8.6 6.3 9.5



#48

Methyl methacrylate

Concen: 52.172 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

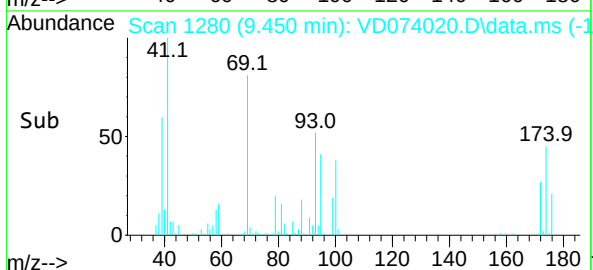
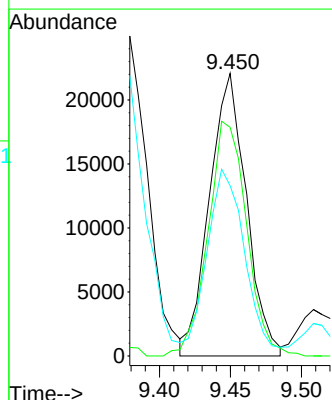
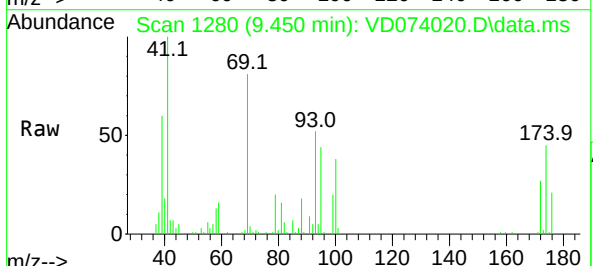
Tgt Ion: 41 Resp: 39901

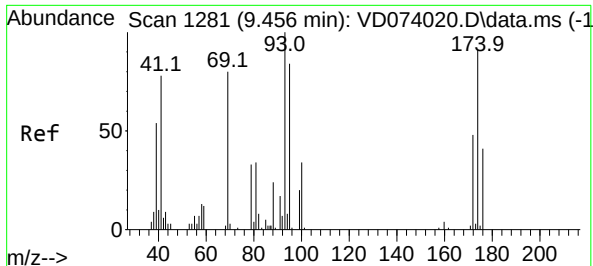
Ion Ratio Lower Upper

41 100

69 87.1 77.0 115.4

39 61.1 59.0 88.6





#49

1,4-Dioxane

Concen: 1092.414 ug/l

RT: 9.456 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

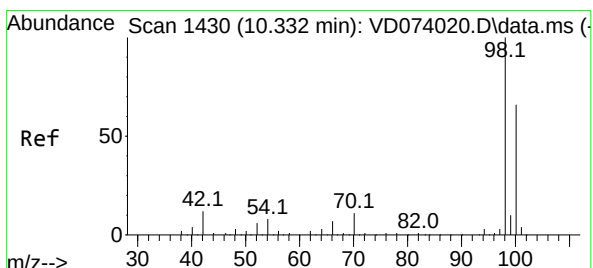
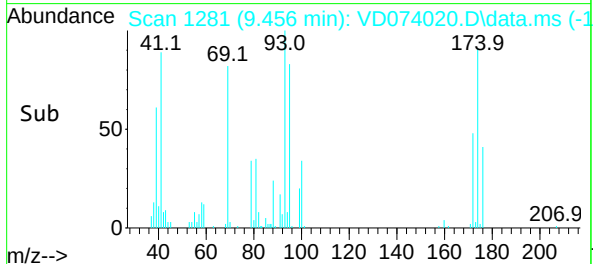
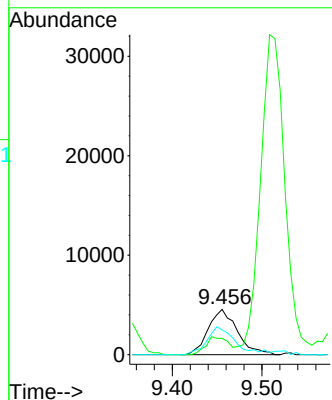
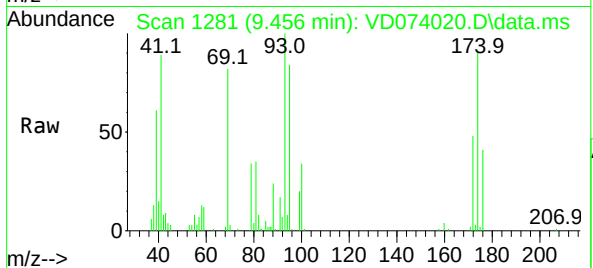
Tgt Ion: 88 Resp: 10229

Ion Ratio Lower Upper

88 100

43 30.3 29.2 43.8

58 60.2 53.8 80.6



#50

Toluene-d8

Concen: 41.127 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD074020.D

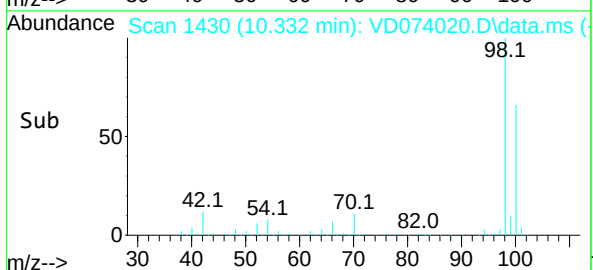
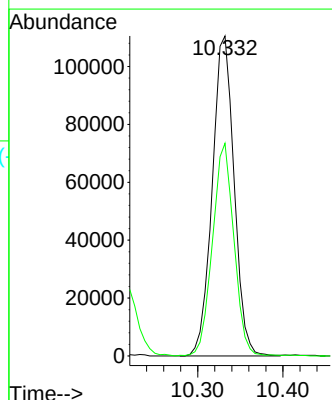
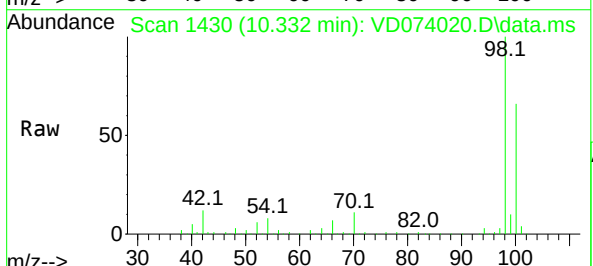
Acq: 10 Aug 2022 12:06

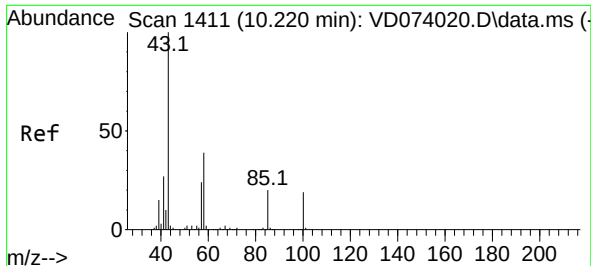
Tgt Ion: 98 Resp: 197371

Ion Ratio Lower Upper

98 100

100 65.3 51.3 76.9

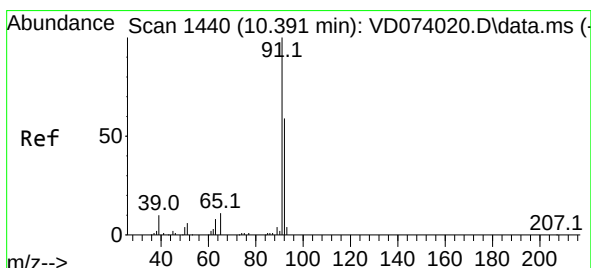
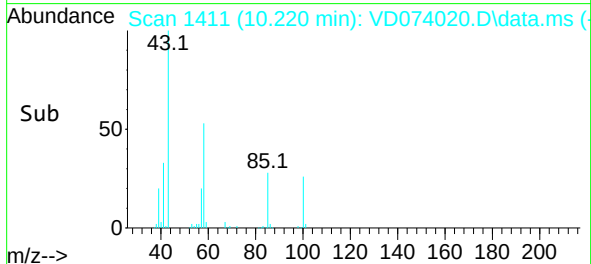
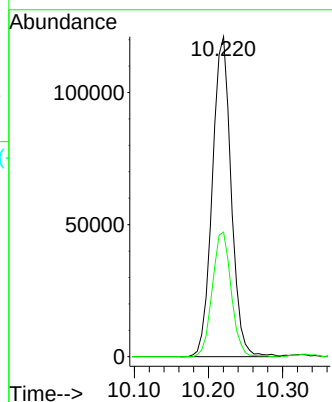
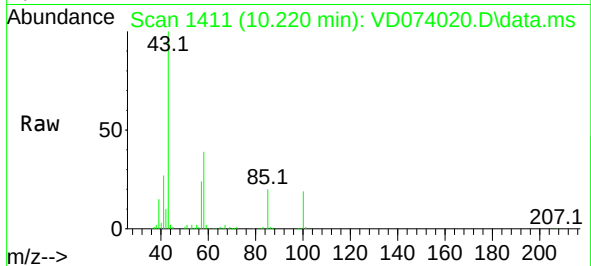




#51
4-Methyl-2-Pentanone
Concen: 257.930 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

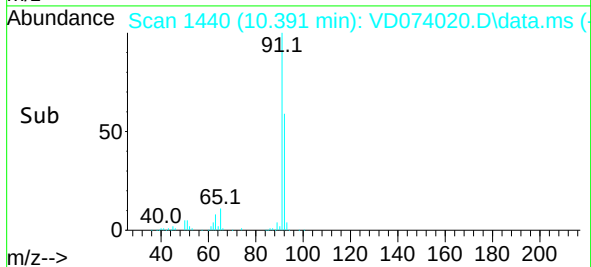
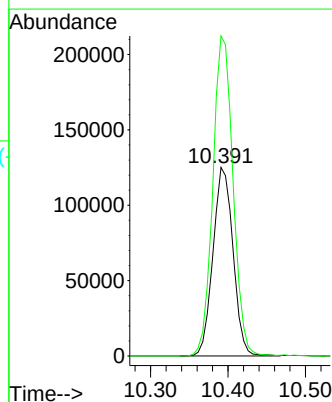
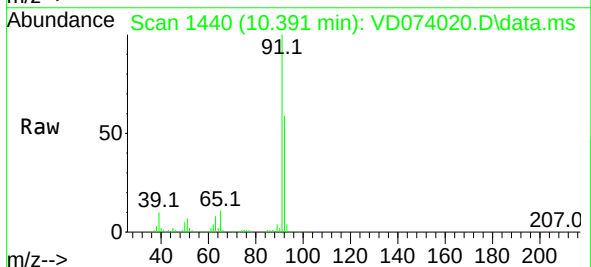
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

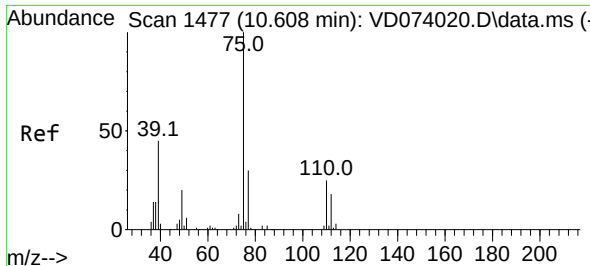
Tgt Ion: 43 Resp: 214012
Ion Ratio Lower Upper
43 100
58 38.9 31.7 47.5



#52
Toluene
Concen: 53.003 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion: 92 Resp: 225736
Ion Ratio Lower Upper
92 100
91 170.8 138.0 207.0

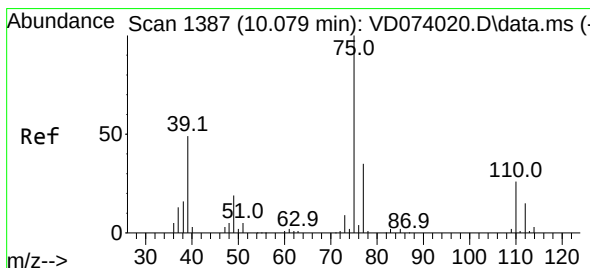
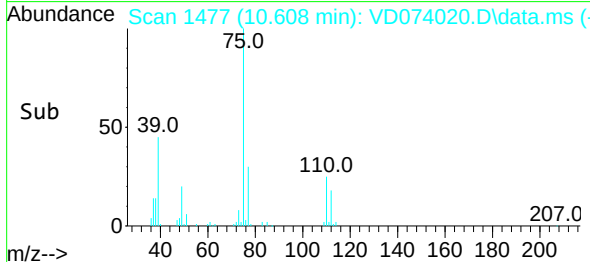
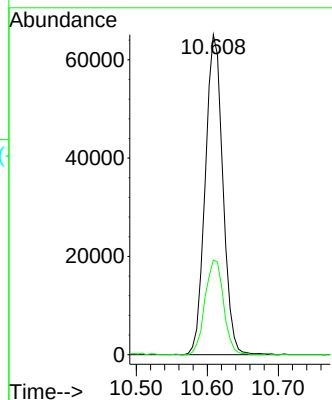
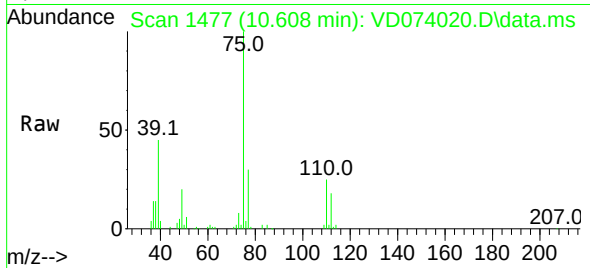




#53
 t-1,3-Dichloropropene
 Concen: 52.468 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. 0.000 min
 Lab File: VD074020.D
 Acq: 10 Aug 2022 12:06

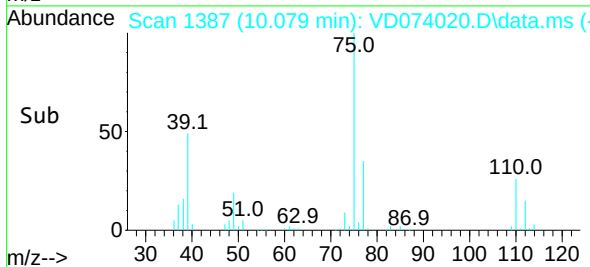
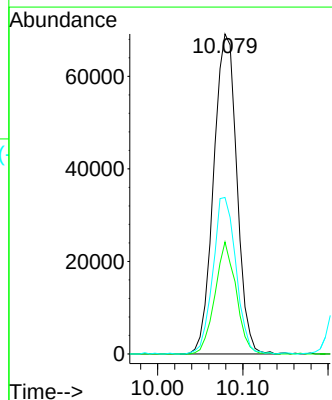
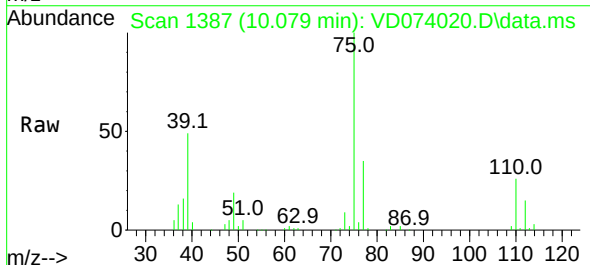
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

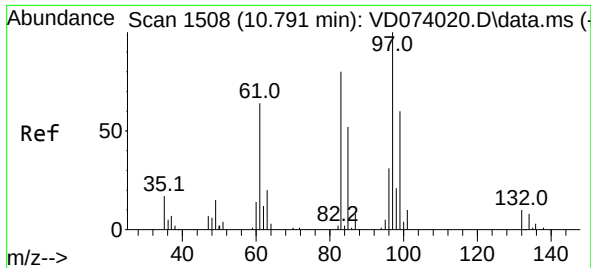
Tgt Ion: 75 Resp: 112277
 Ion Ratio Lower Upper
 75 100
 77 29.6 26.4 39.6



#54
 cis-1,3-Dichloropropene
 Concen: 52.858 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. 0.000 min
 Lab File: VD074020.D
 Acq: 10 Aug 2022 12:06

Tgt Ion: 75 Resp: 130959
 Ion Ratio Lower Upper
 75 100
 77 35.0 26.2 39.4
 39 48.9 37.8 56.8

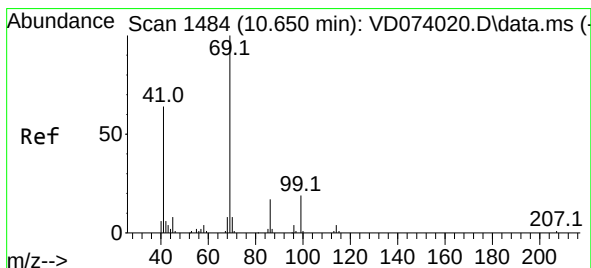
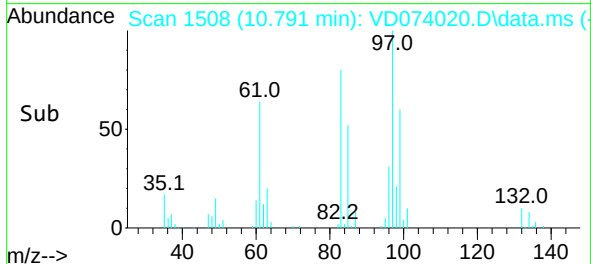
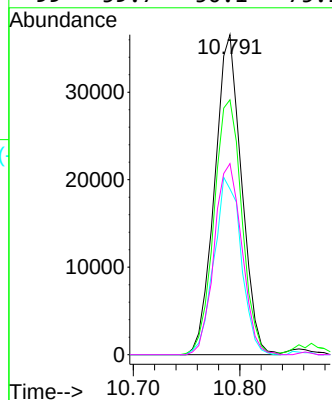
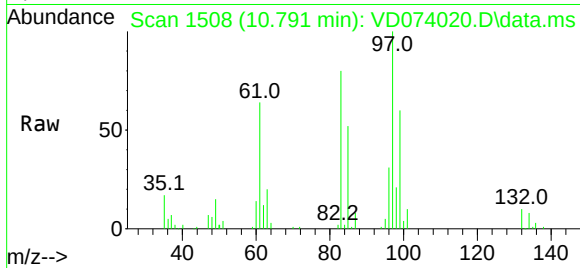




#55
1,1,2-Trichloroethane
Concen: 50.443 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

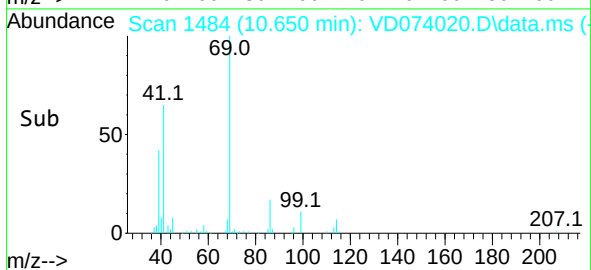
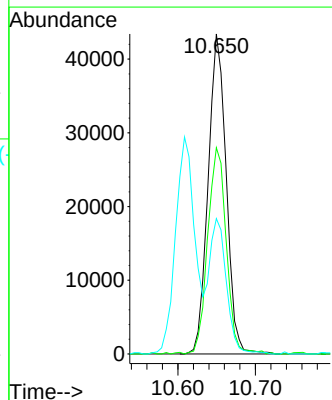
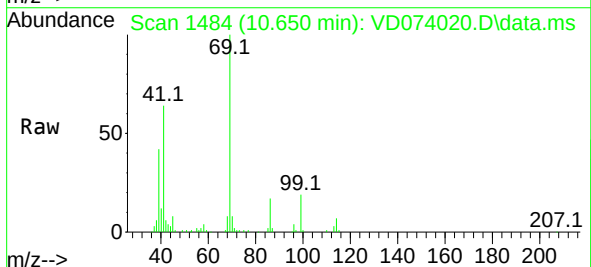
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

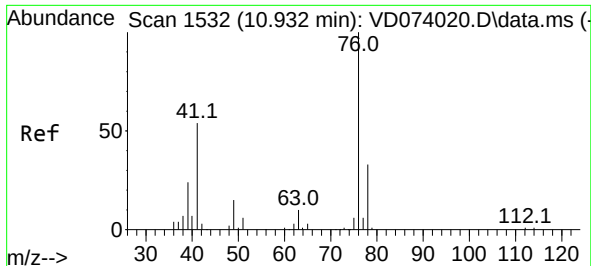
Tgt Ion:	97	Resp:	64128
Ion	Ratio	Lower	Upper
97	100		
83	79.6	67.4	101.0
85	51.8	44.2	66.4
99	59.7	50.1	75.1



#56
Ethyl methacrylate
Concen: 53.301 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion:	69	Resp:	70379
Ion	Ratio	Lower	Upper
69	100		
41	66.3	49.5	74.3
39	40.7	30.6	46.0





#57

1,3-Dichloropropane

Concen: 50.718 ug/l

RT: 10.932 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :

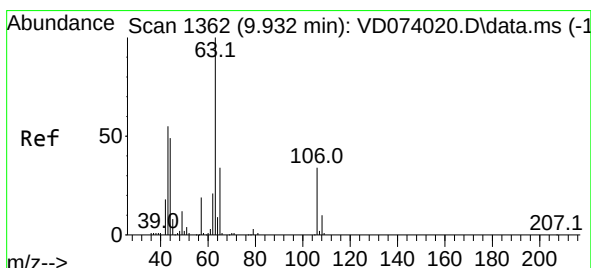
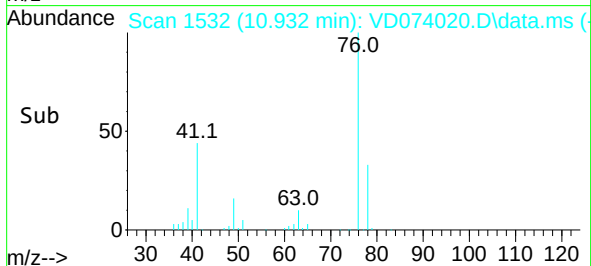
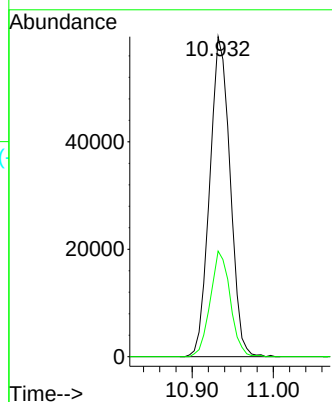
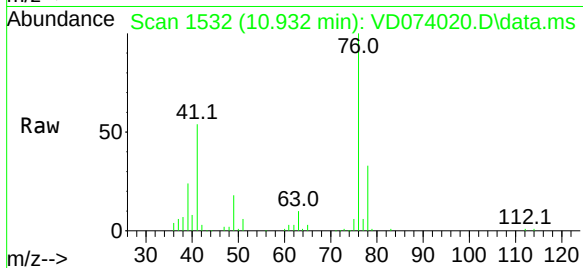
VSTDICCC050

Tgt Ion: 76 Resp: 104015

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 262.294 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD074020.D

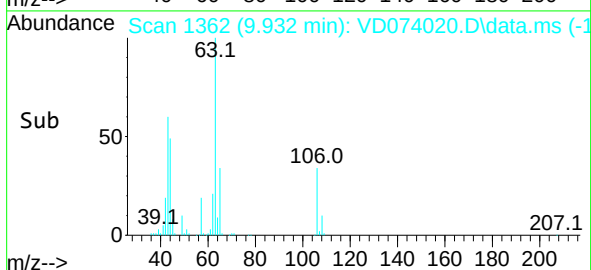
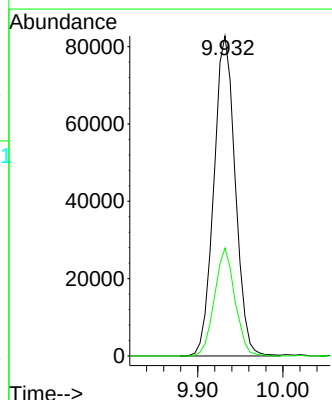
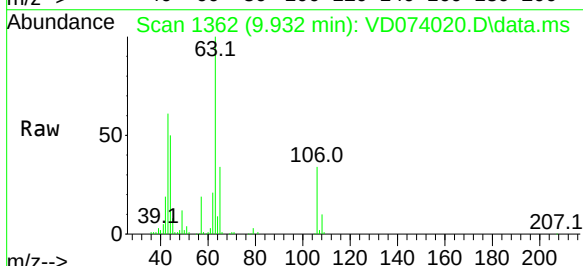
Acq: 10 Aug 2022 12:06

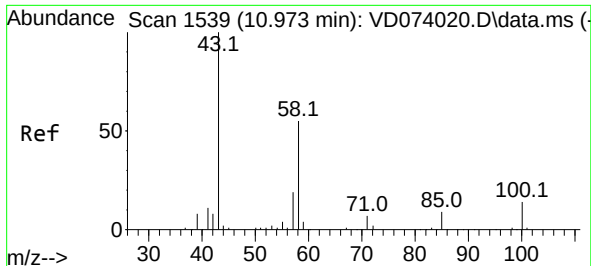
Tgt Ion: 63 Resp: 144250

Ion Ratio Lower Upper

63 100

106 32.2 25.0 37.6

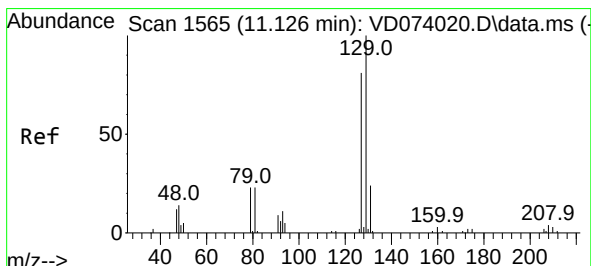
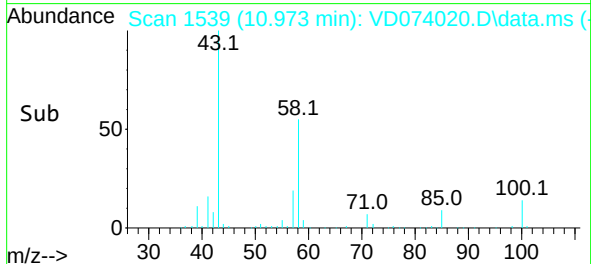
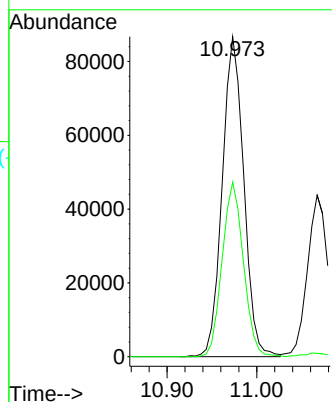
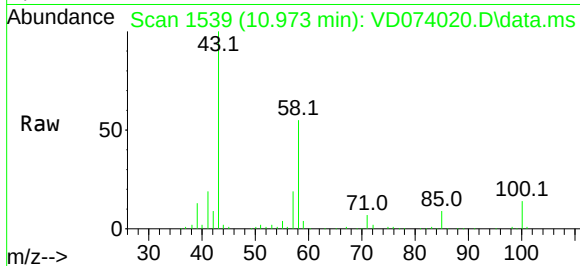




#59
2-Hexanone
Concen: 258.895 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

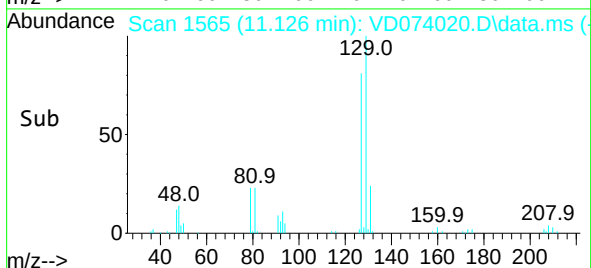
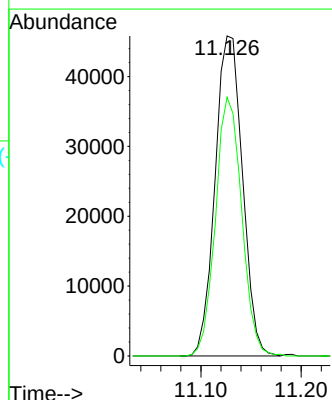
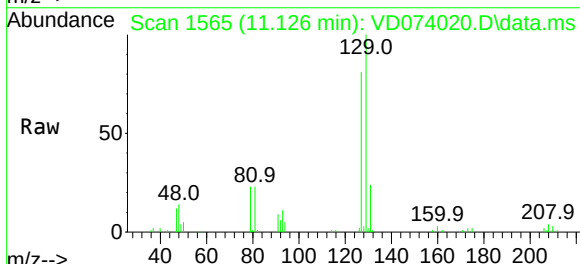
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

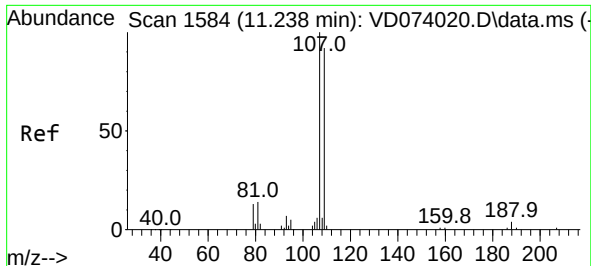
Tgt Ion: 43 Resp: 144389
Ion Ratio Lower Upper
43 100
58 53.8 28.2 84.6



#60
Dibromochloromethane
Concen: 50.232 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion: 129 Resp: 86924
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0

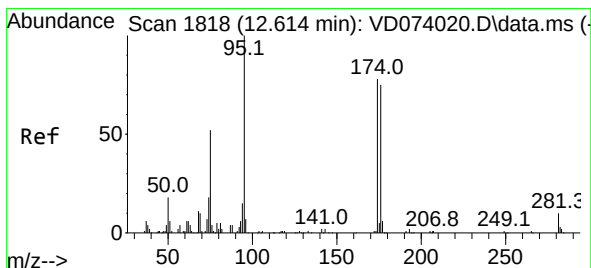
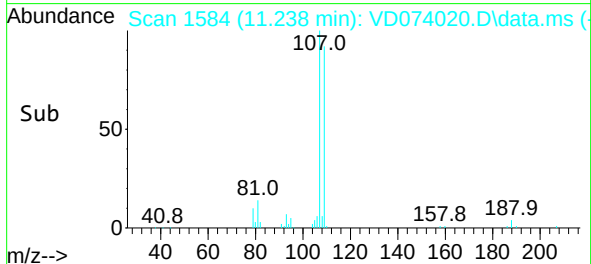
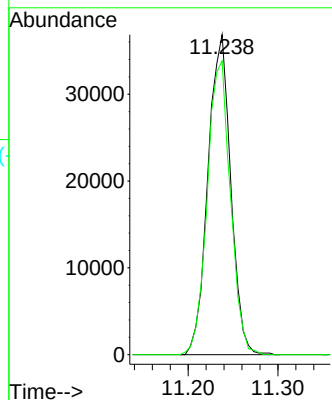
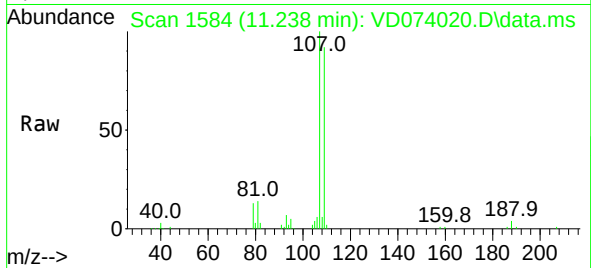




#61
1,2-Dibromoethane
Concen: 51.246 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

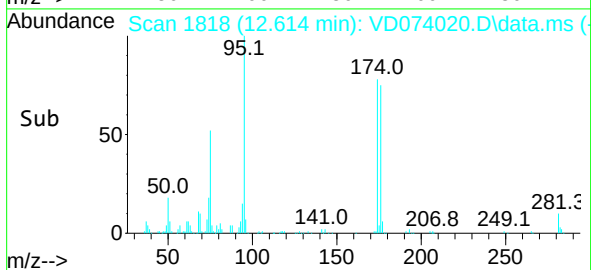
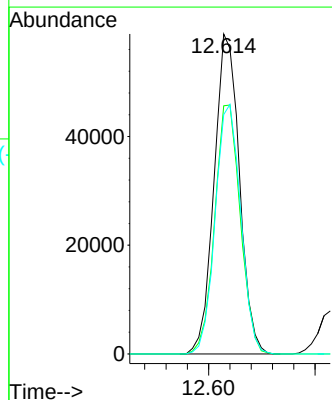
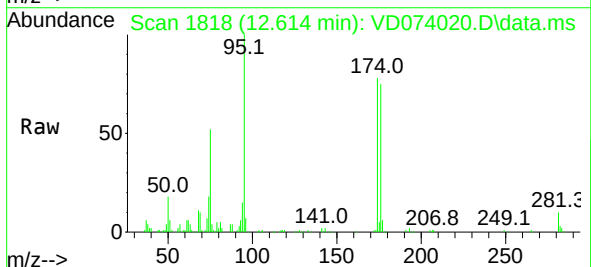
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

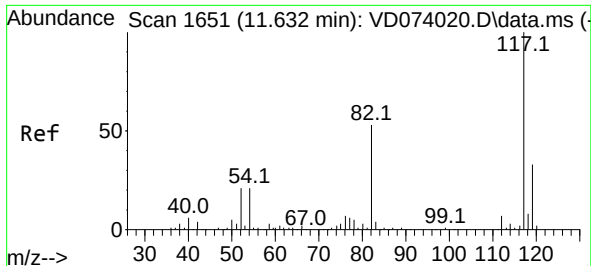
Tgt Ion:107 Resp: 64897
Ion Ratio Lower Upper
107 100
109 93.3 76.6 115.0



#62
4-Bromofluorobenzene
Concen: 49.922 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion: 95 Resp: 96907
Ion Ratio Lower Upper
95 100
174 78.8 0.0 162.6
176 78.5 0.0 160.0

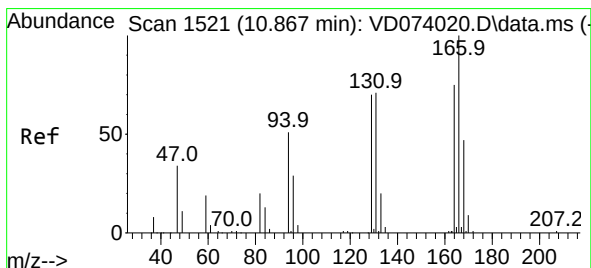
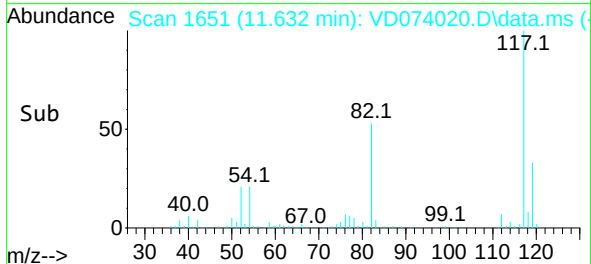
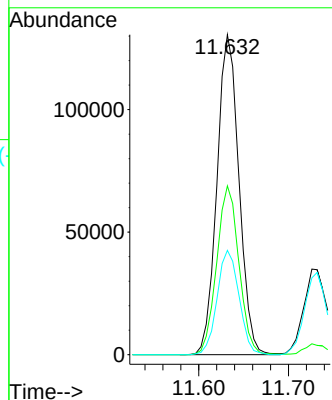
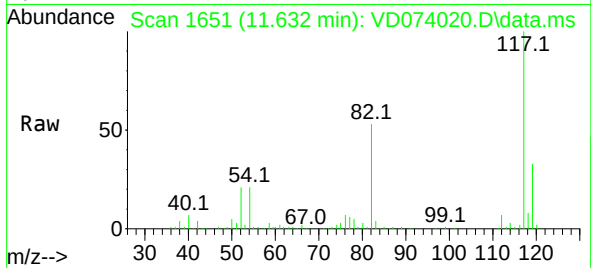




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

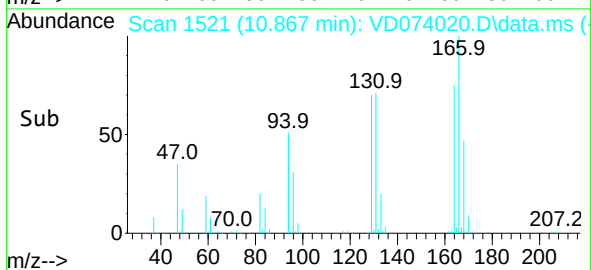
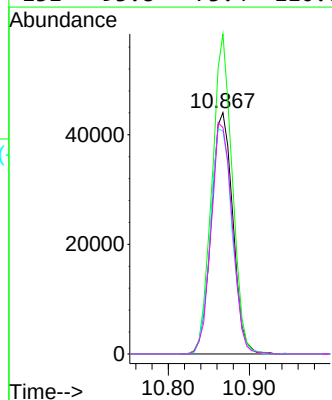
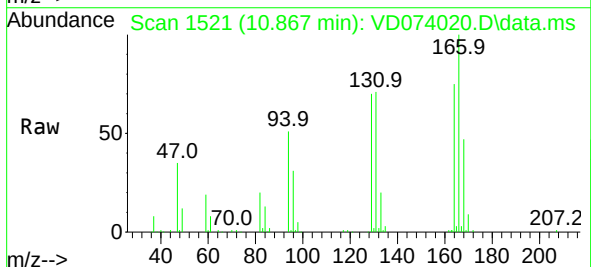
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

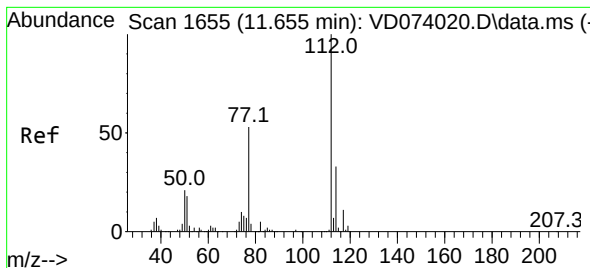
Tgt Ion:117 Resp: 222801
Ion Ratio Lower Upper
117 100
82 52.7 42.7 64.1
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 48.561 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion:164 Resp: 81393
Ion Ratio Lower Upper
164 100
166 132.6 102.1 153.1
129 92.4 80.0 120.0
131 93.8 73.4 110.0

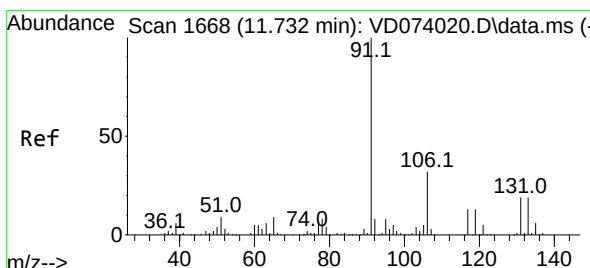
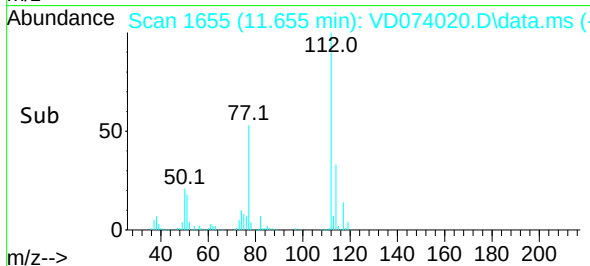
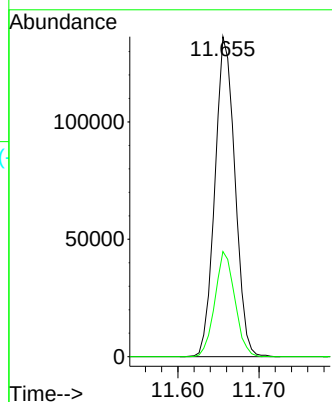
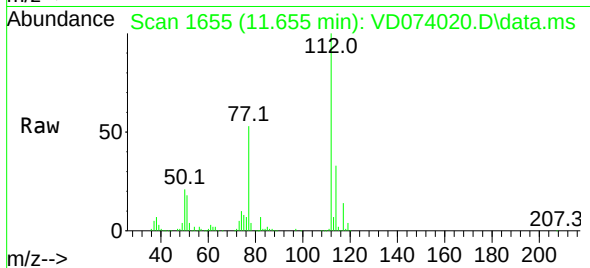




#65
Chlorobenzene
Concen: 49.970 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

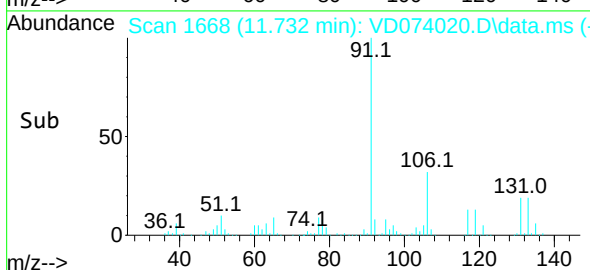
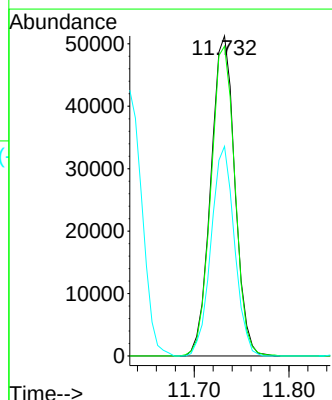
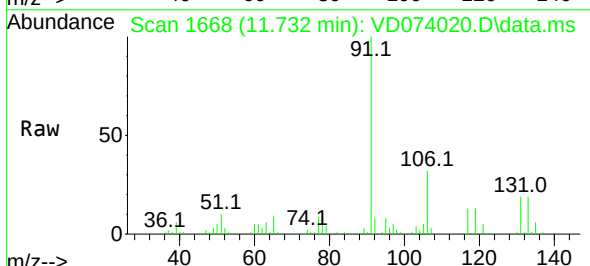
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

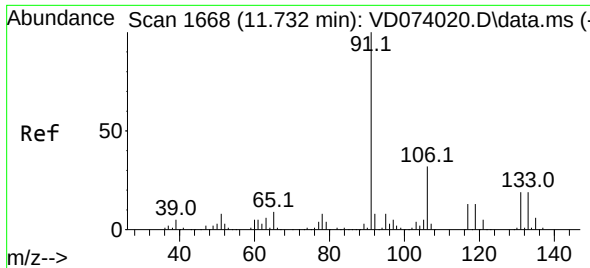
Tgt Ion:112 Resp: 234565
Ion Ratio Lower Upper
112 100
114 32.8 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.636 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion:131 Resp: 90112
Ion Ratio Lower Upper
131 100
133 97.0 46.9 140.6
119 63.8 31.6 94.8

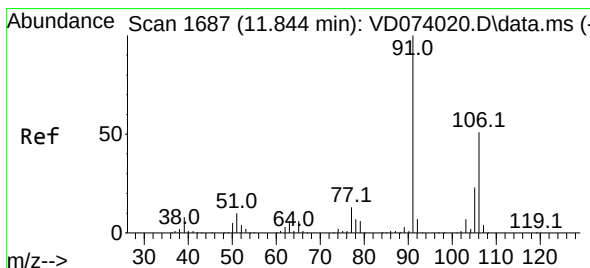
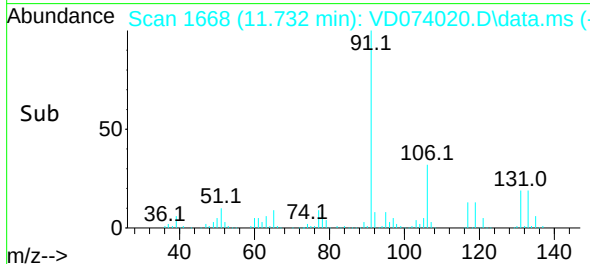
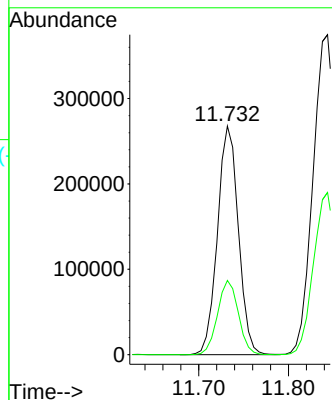
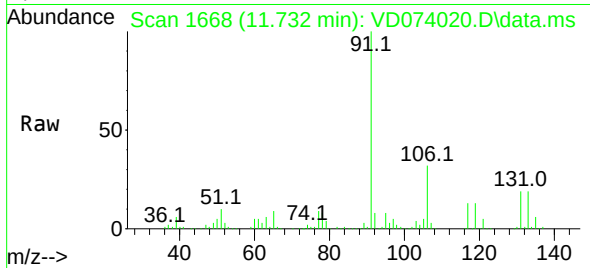




#67
Ethyl Benzene
Concen: 52.494 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

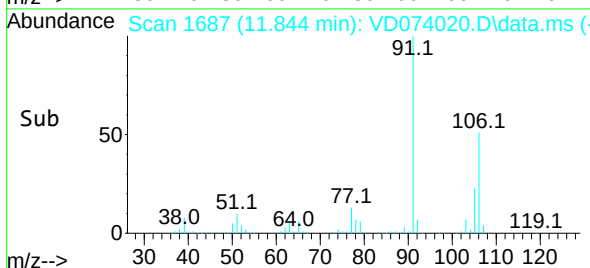
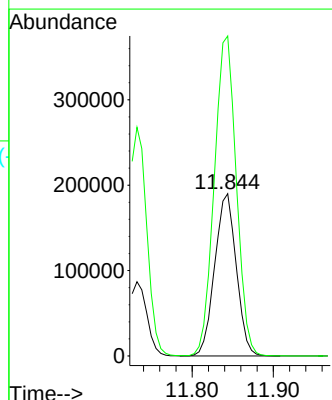
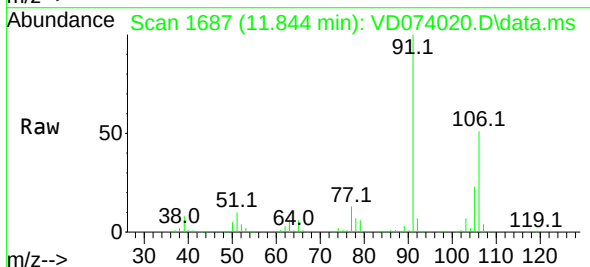
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

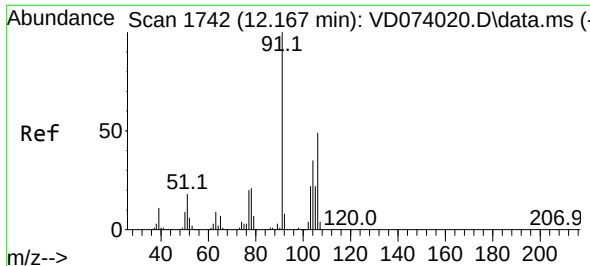
Tgt Ion: 91 Resp: 432943
Ion Ratio Lower Upper
91 100
106 32.5 24.7 37.1



#68
m/p-Xylenes
Concen: 106.732 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion: 106 Resp: 350669
Ion Ratio Lower Upper
106 100
91 201.6 159.2 238.8

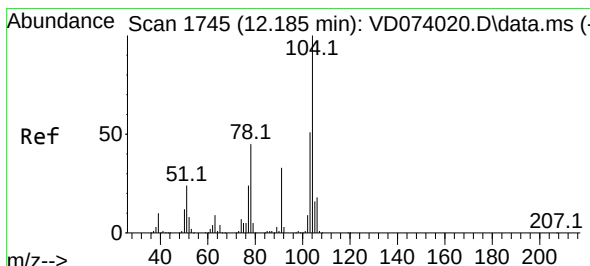
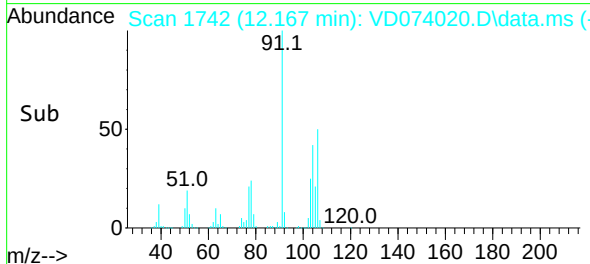
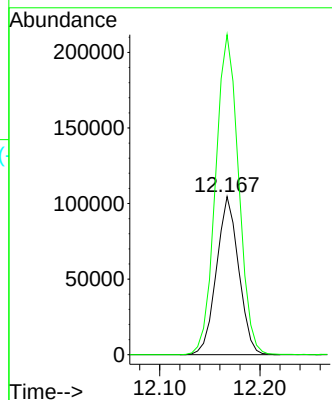
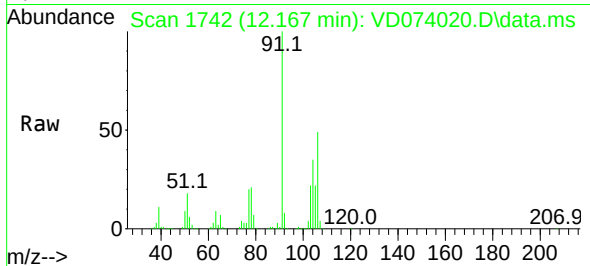




#69
o-Xylene
Concen: 53.399 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

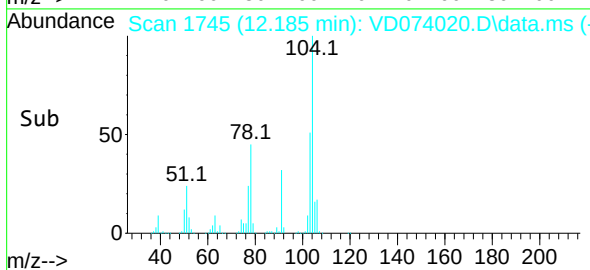
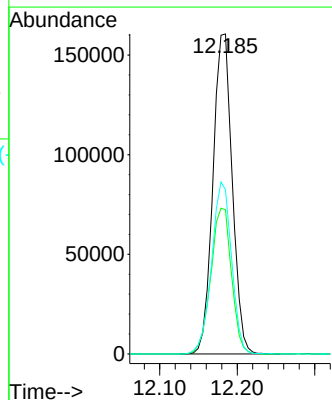
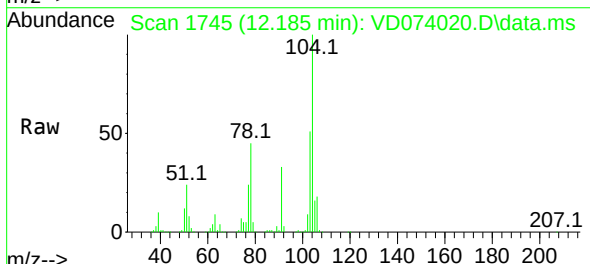
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

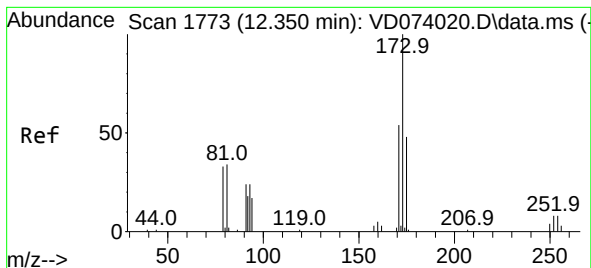
Tgt Ion:106 Resp: 160686
Ion Ratio Lower Upper
106 100
91 210.6 104.7 314.1



#70
Styrene
Concen: 54.386 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion:104 Resp: 277581
Ion Ratio Lower Upper
104 100
78 48.7 38.2 57.2
103 55.5 43.8 65.6





#71

Bromoform

Concen: 49.862 ug/l

RT: 12.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

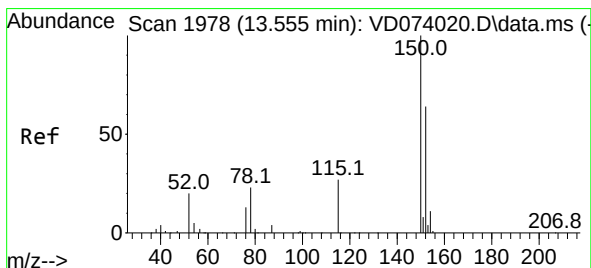
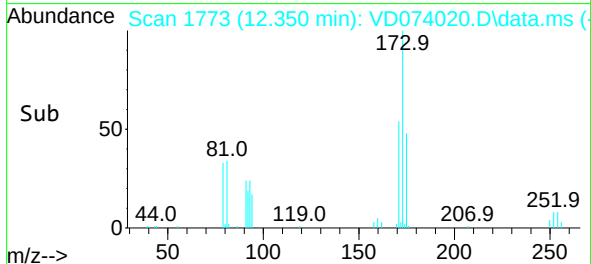
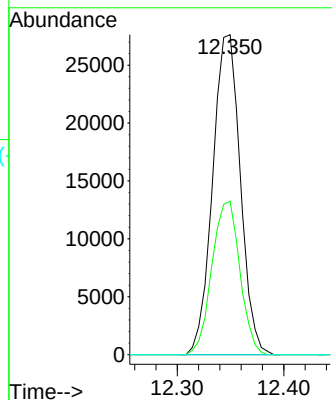
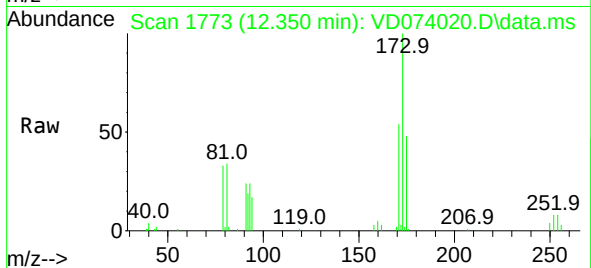
Tgt Ion:173 Resp: 49845

Ion Ratio Lower Upper

173 100

175 48.3 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

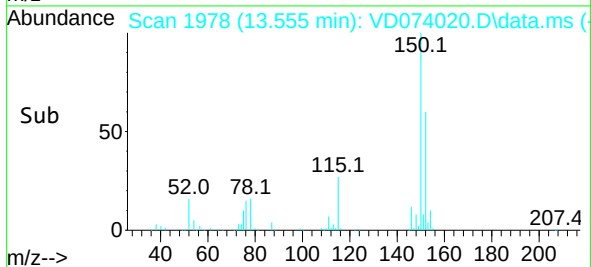
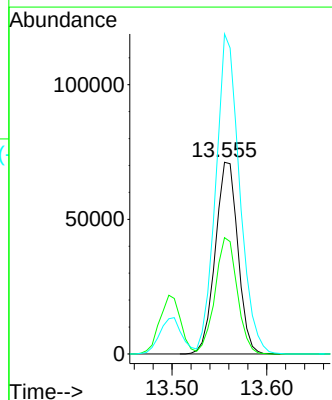
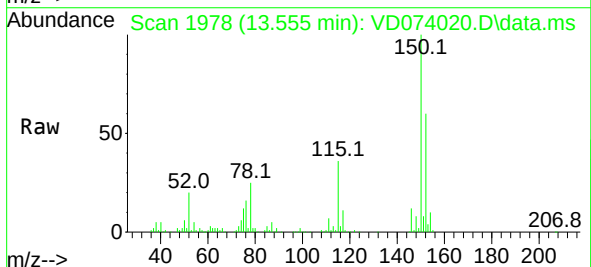
Tgt Ion:152 Resp: 117982

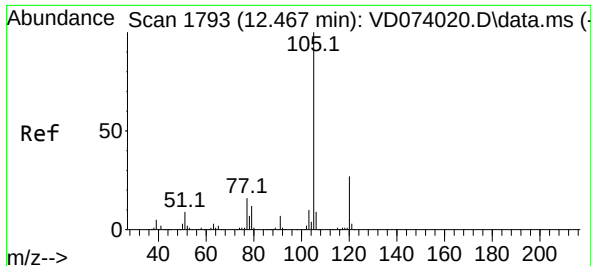
Ion Ratio Lower Upper

152 100

115 59.7 29.9 89.8

150 176.3 0.0 342.8

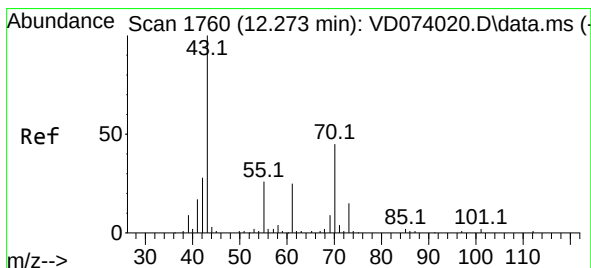
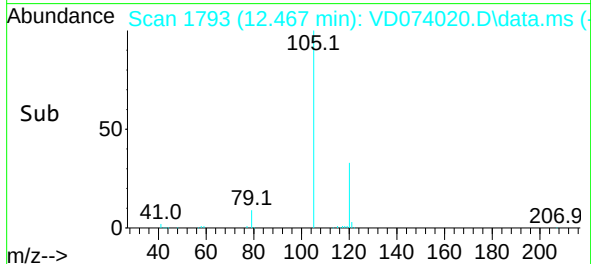
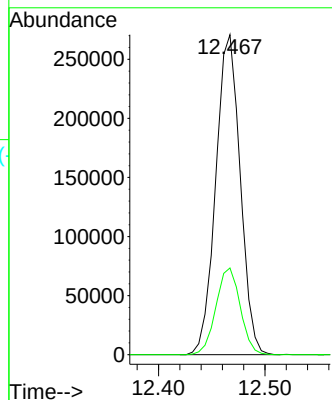
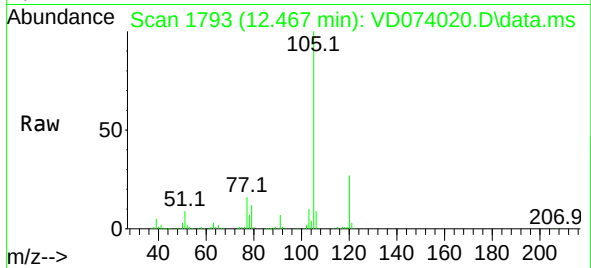




#73
Isopropylbenzene
Concen: 52.882 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

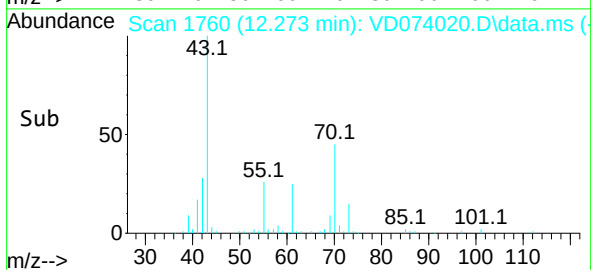
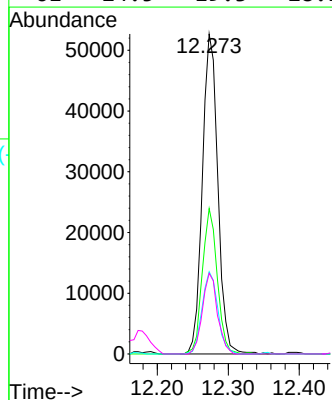
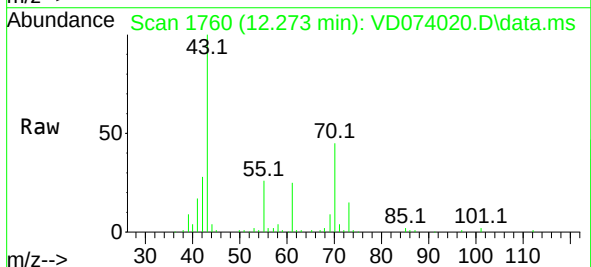
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

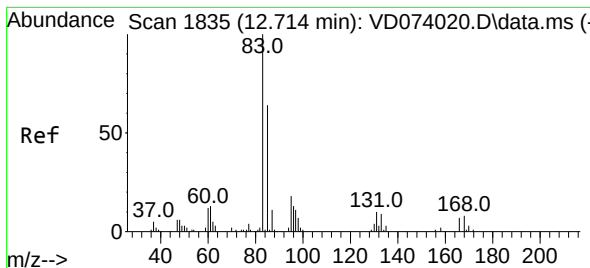
Tgt Ion:105 Resp: 431376
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#74
N-ethyl acetate
Concen: 50.600 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion: 43 Resp: 79979
Ion Ratio Lower Upper
43 100
70 43.7 35.9 53.9
55 26.0 19.4 29.2
61 24.5 19.3 28.9

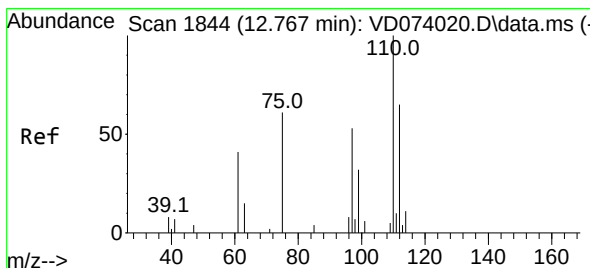
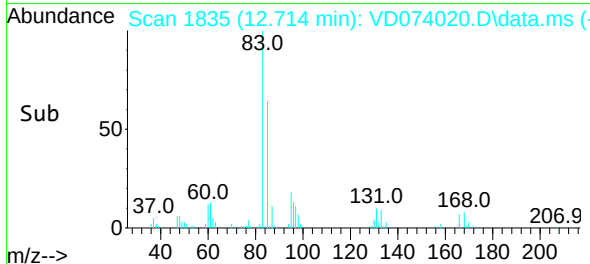
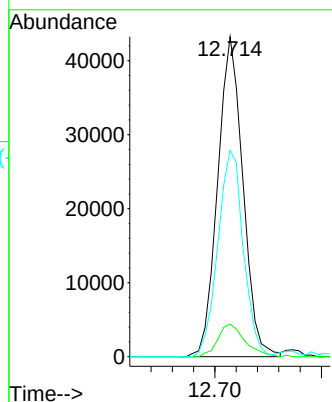
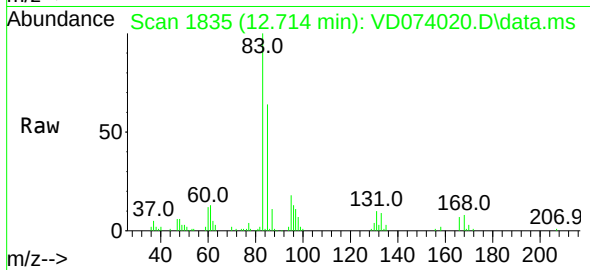




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.509 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: VD074020.D
 Acq: 10 Aug 2022 12:06

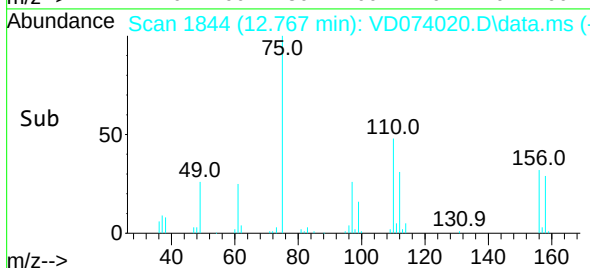
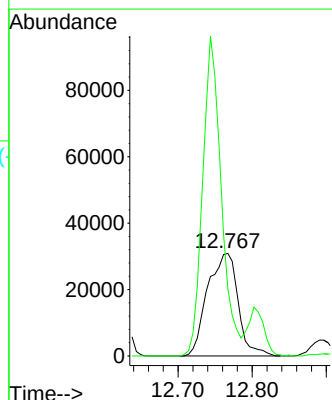
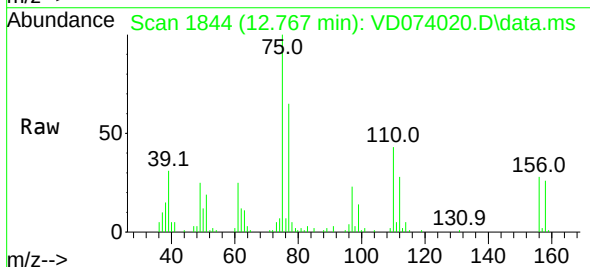
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

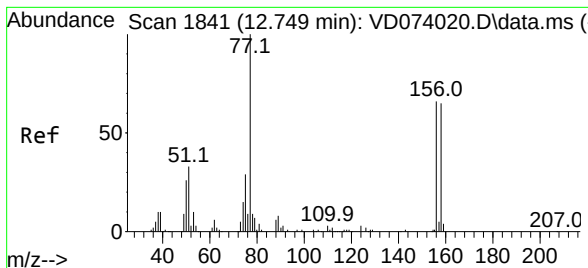
Tgt Ion: 83 Resp: 71109
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.5 16.7
 85 65.1 33.4 100.2



#76
 1,2,3-Trichloropropane
 Concen: 52.132 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD074020.D
 Acq: 10 Aug 2022 12:06

Tgt Ion: 75 Resp: 88281
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.648 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

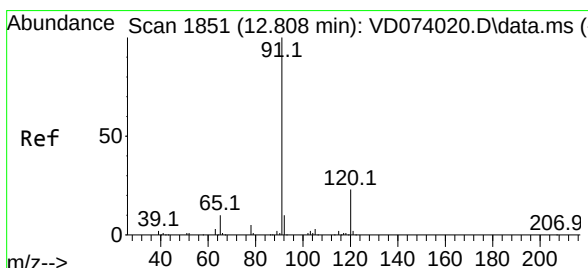
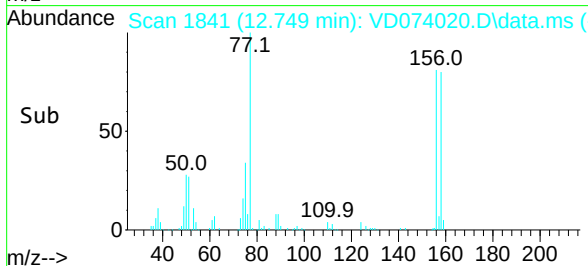
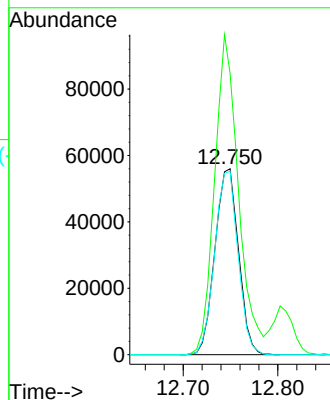
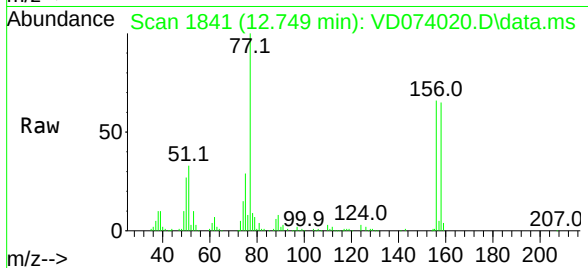
Tgt Ion:156 Resp: 97052

Ion Ratio Lower Upper

156 100

77 173.7 87.5 262.4

158 97.8 49.6 149.0



#78

n-propylbenzene

Concen: 53.165 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD074020.D

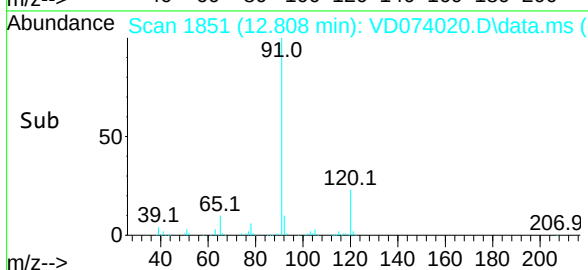
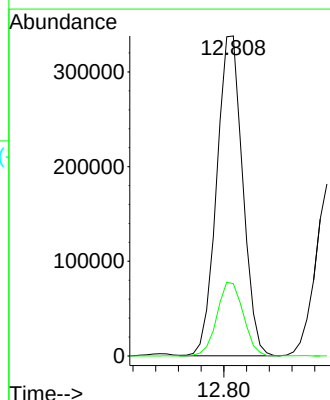
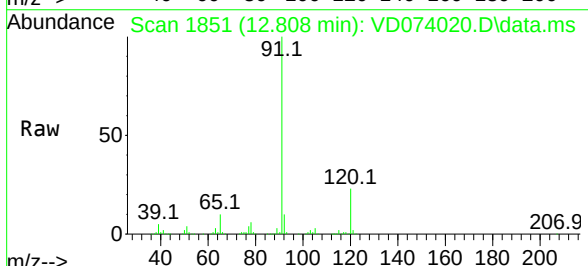
Acq: 10 Aug 2022 12:06

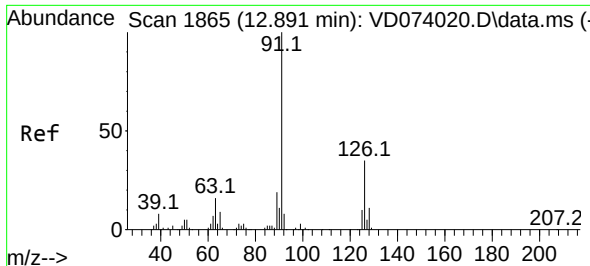
Tgt Ion: 91 Resp: 537457

Ion Ratio Lower Upper

91 100

120 23.3 11.7 35.1

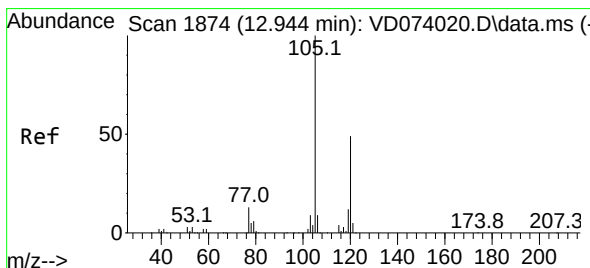
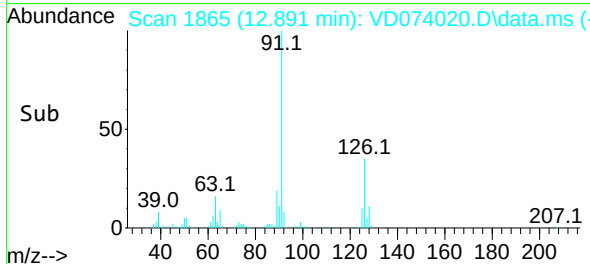
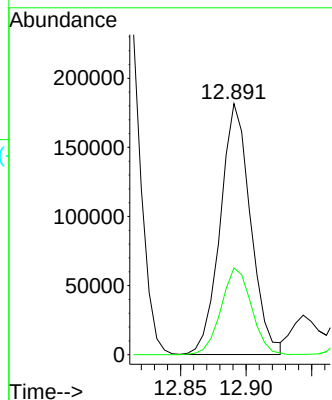
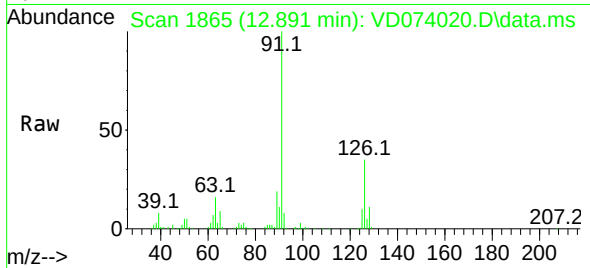




#79
2-Chlorotoluene
Concen: 51.695 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

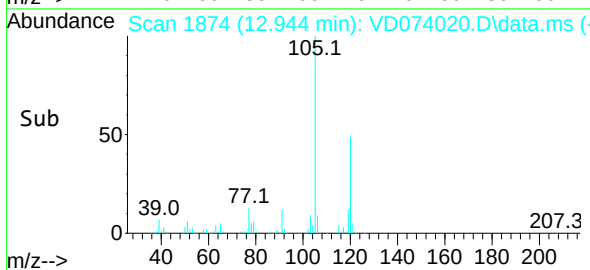
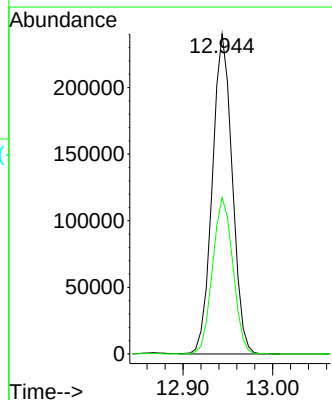
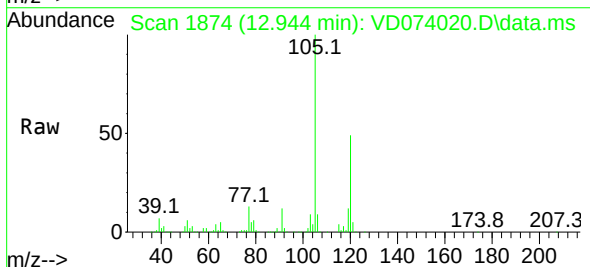
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

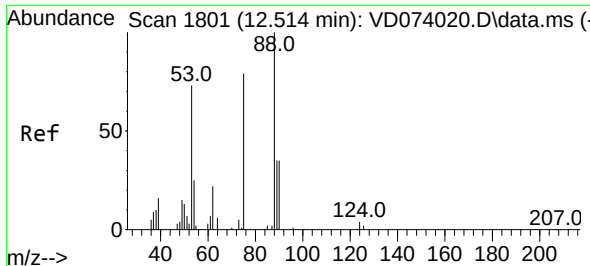
Tgt Ion: 91 Resp: 292517
Ion Ratio Lower Upper
91 100
126 34.5 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 53.302 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion: 105 Resp: 370585
Ion Ratio Lower Upper
105 100
120 49.8 24.6 73.6

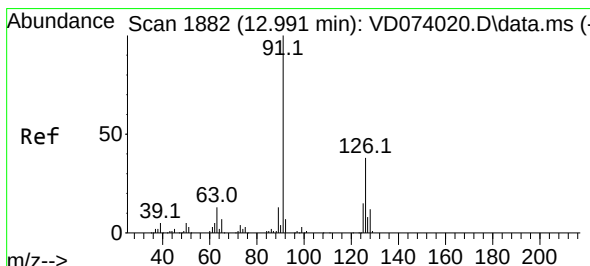
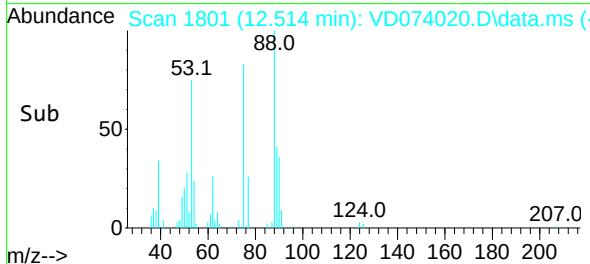
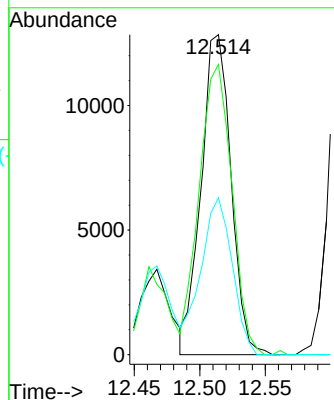
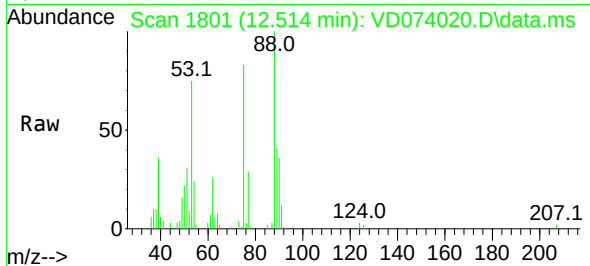




#81
trans-1,4-Dichloro-2-butene
Concen: 50.586 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

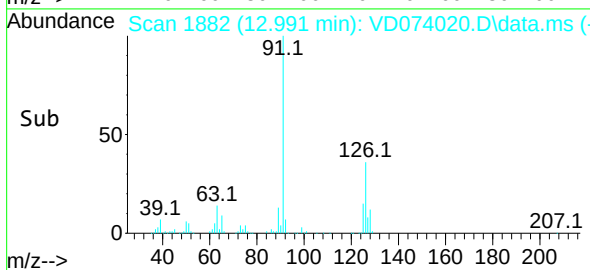
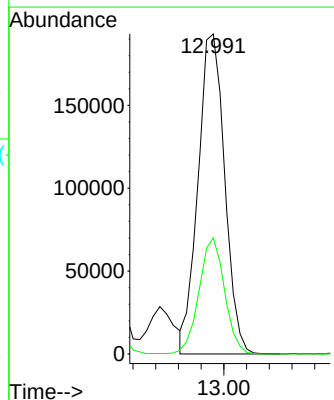
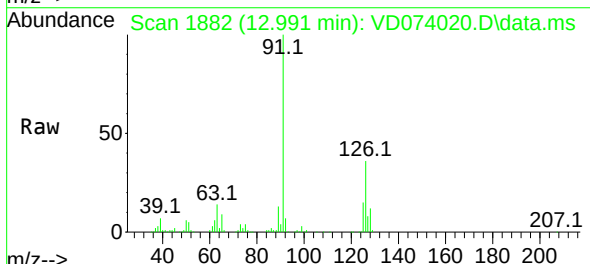
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

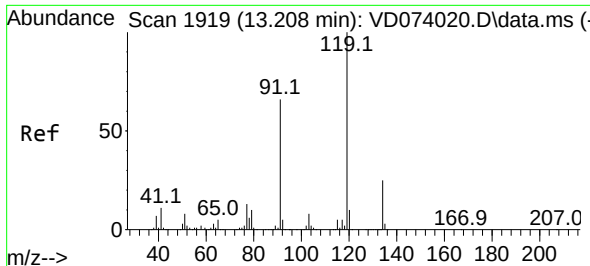
Tgt Ion: 75 Resp: 20378
Ion Ratio Lower Upper
75 100
53 99.3 71.3 106.9
89 51.8 38.3 57.5



#82
4-Chlorotoluene
Concen: 51.999 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion: 91 Resp: 313970
Ion Ratio Lower Upper
91 100
126 34.8 17.8 53.3

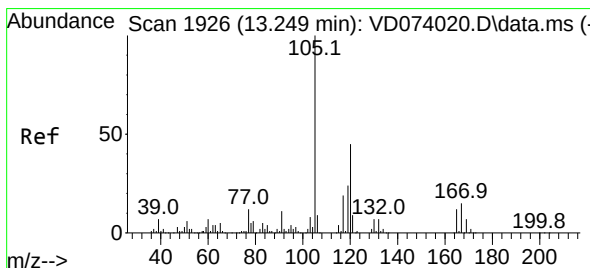
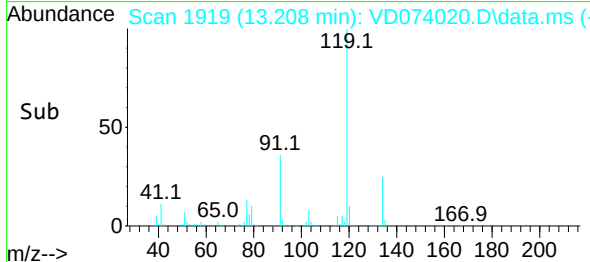
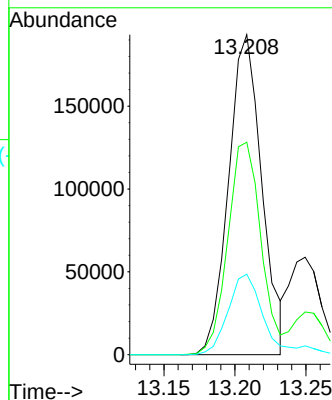
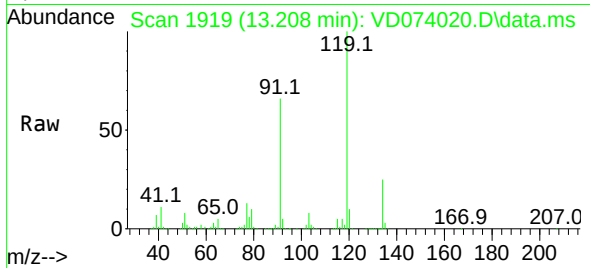




#83
tert-Butylbenzene
Concen: 52.777 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

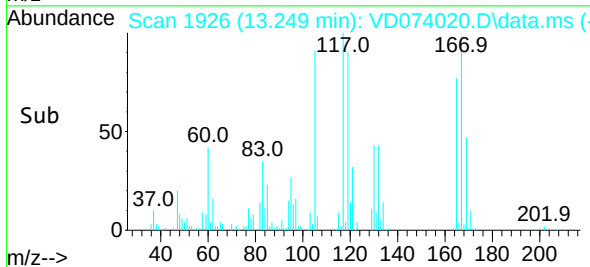
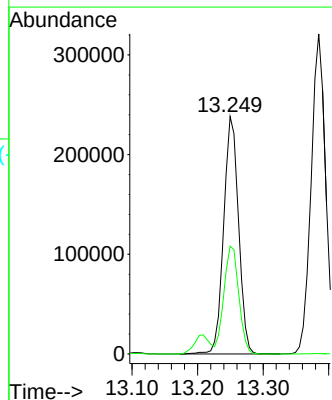
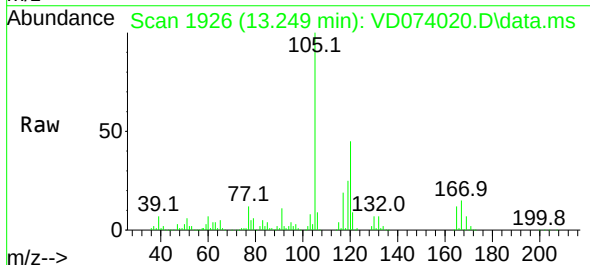
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

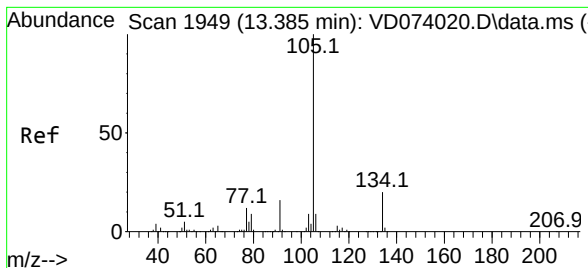
Tgt Ion:119 Resp: 315044
Ion Ratio Lower Upper
119 100
91 66.1 31.8 95.3
134 27.4 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 53.612 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion:105 Resp: 373874
Ion Ratio Lower Upper
105 100
120 45.3 22.7 68.0





#85

sec-Butylbenzene

Concen: 53.834 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :

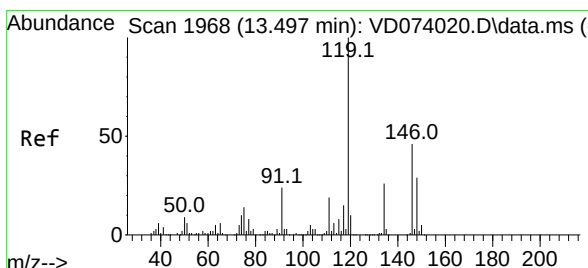
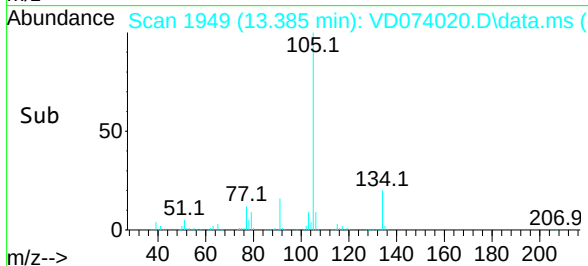
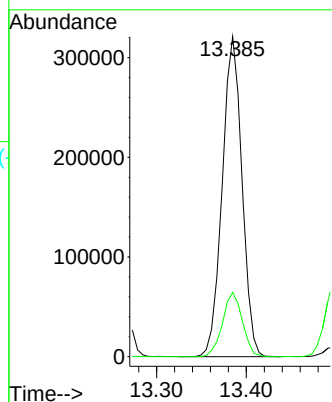
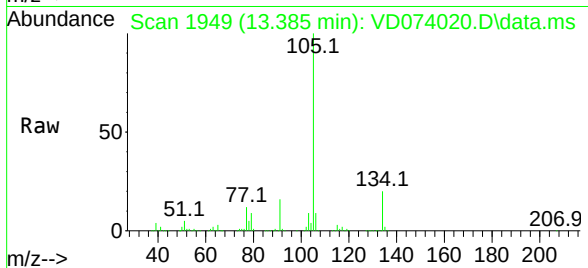
VSTDICCC050

Tgt Ion:105 Resp: 490146

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.3



#86

p-Isopropyltoluene

Concen: 54.524 ug/l

RT: 13.497 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

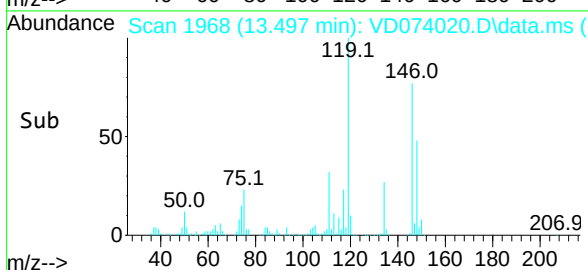
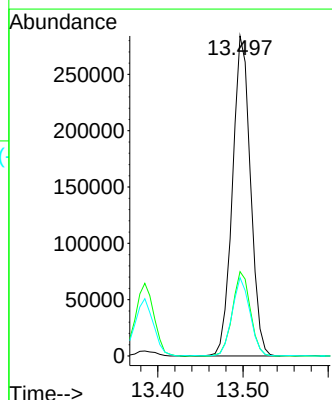
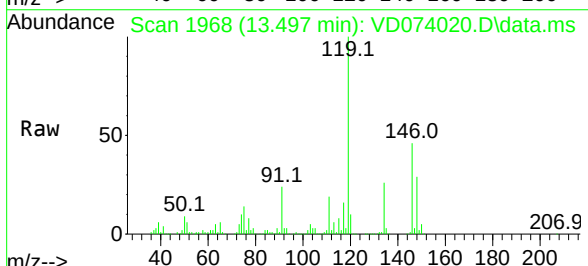
Tgt Ion:119 Resp: 416997

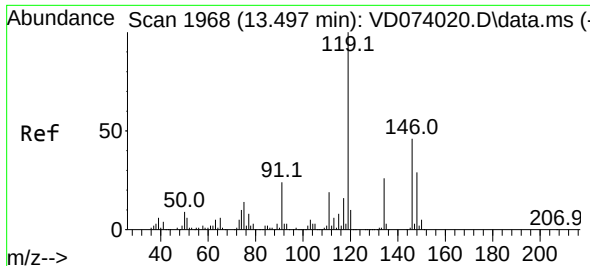
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.1 11.7 35.0

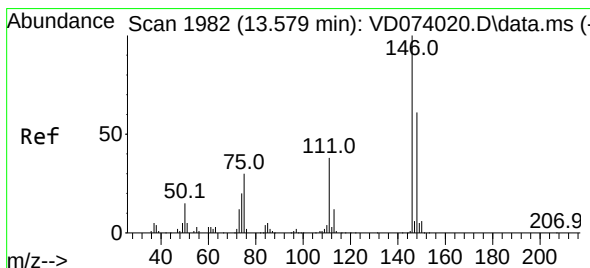
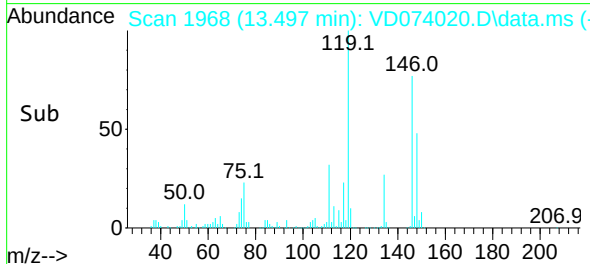
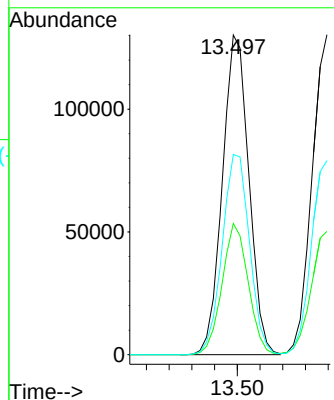
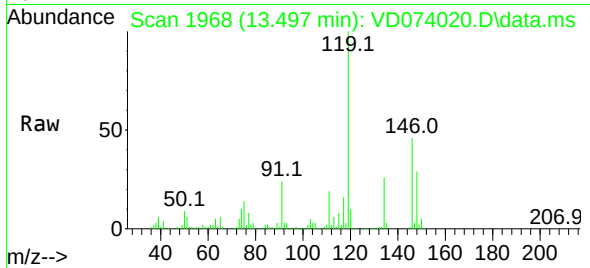




#87
 1,3-Dichlorobenzene
 Concen: 51.505 ug/l
 RT: 13.497 min Scan# 1968
 Delta R.T. 0.000 min
 Lab File: VD074020.D
 Acq: 10 Aug 2022 12:06

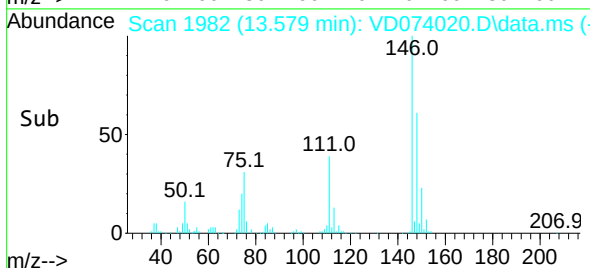
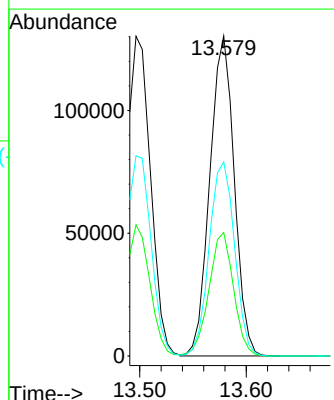
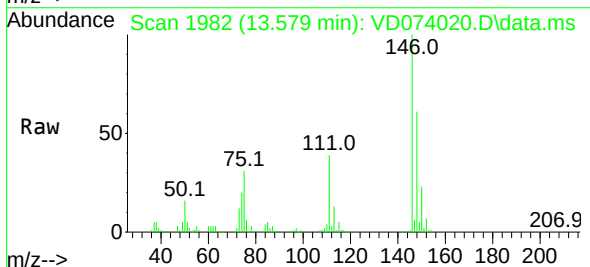
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

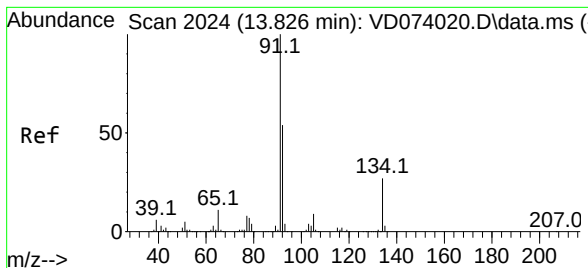
Tgt Ion:146 Resp: 211204
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.7 59.1
 148 64.6 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 50.662 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VD074020.D
 Acq: 10 Aug 2022 12:06

Tgt Ion:146 Resp: 207446
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.1
 148 63.1 31.4 94.0





#89

n-Butylbenzene

Concen: 53.434 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

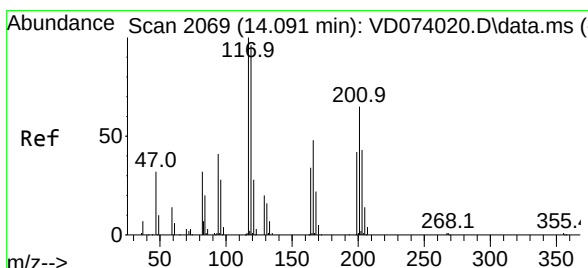
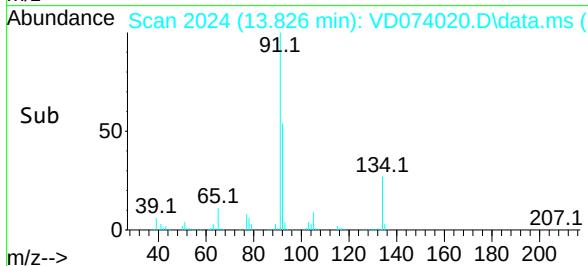
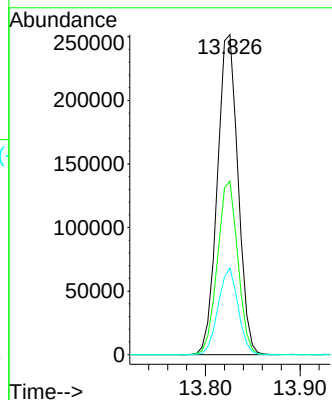
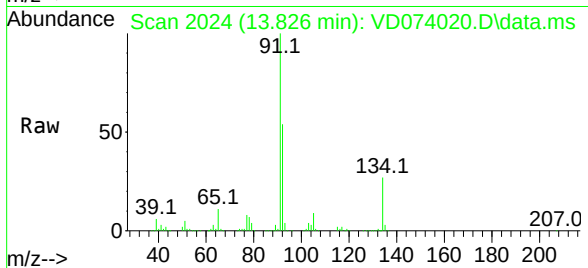
Tgt Ion: 91 Resp: 382210

Ion Ratio Lower Upper

91 100

92 53.7 26.5 79.4

134 26.1 12.9 38.7



#90

Hexachloroethane

Concen: 51.157 ug/l

RT: 14.091 min Scan# 2069

Delta R.T. 0.000 min

Lab File: VD074020.D

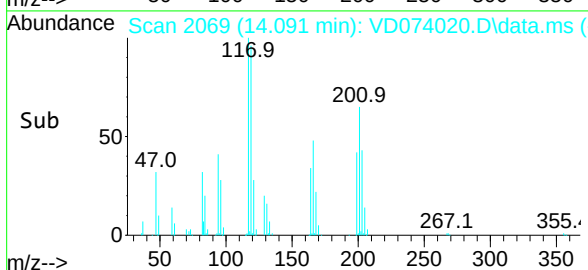
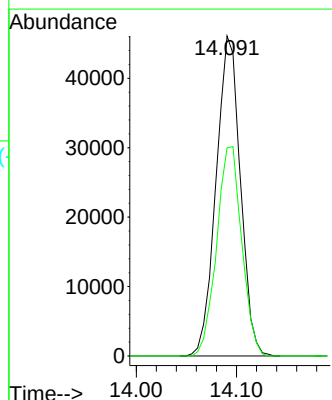
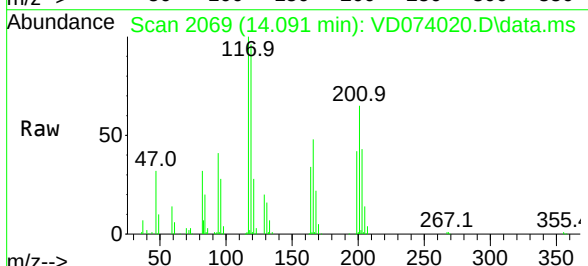
Acq: 10 Aug 2022 12:06

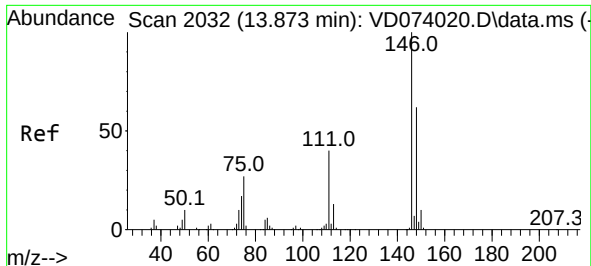
Tgt Ion: 117 Resp: 77439

Ion Ratio Lower Upper

117 100

201 67.6 34.1 102.3

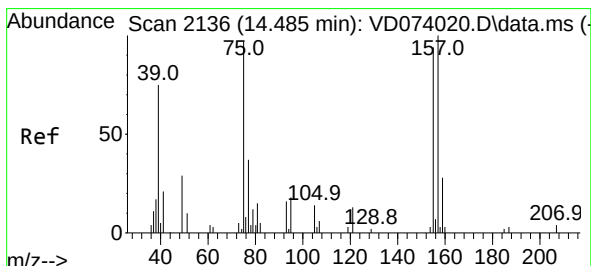
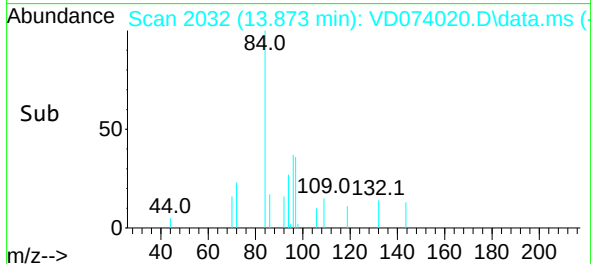
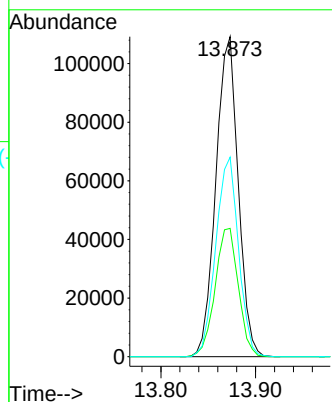
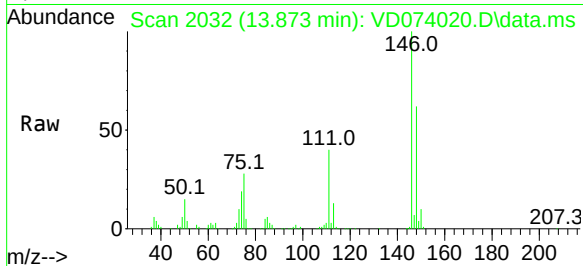




#91
1,2-Dichlorobenzene
Concen: 51.084 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

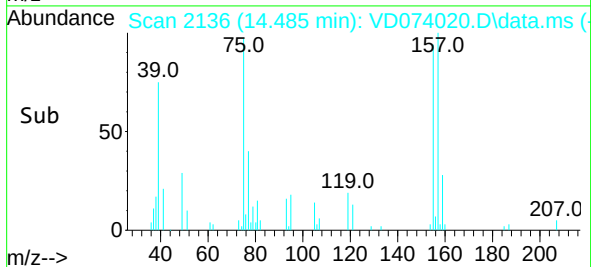
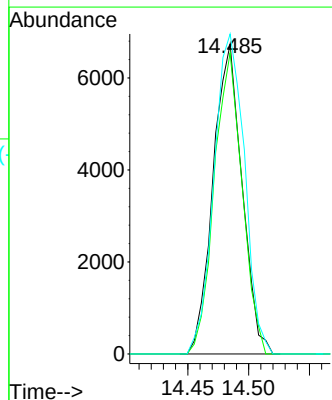
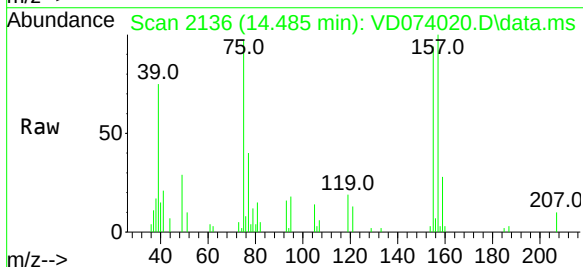
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

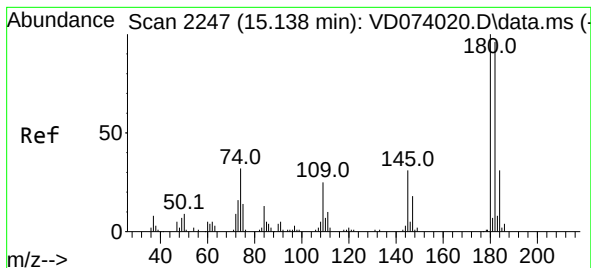
Tgt Ion:146 Resp: 179214
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.4
148 63.5 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.009 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VD074020.D
Acq: 10 Aug 2022 12:06

Tgt Ion: 75 Resp: 11145
Ion Ratio Lower Upper
75 100
155 93.5 41.5 124.6
157 108.8 55.2 165.6





#93

1,2,4-Trichlorobenzene

Concen: 50.471 ug/l

RT: 15.138 min Scan# 2247

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

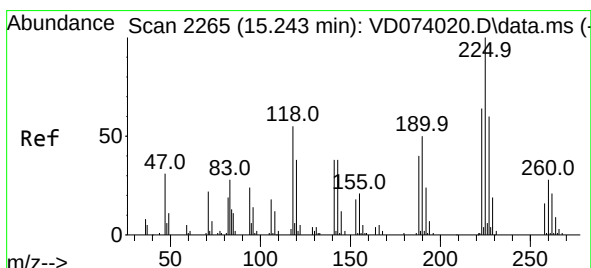
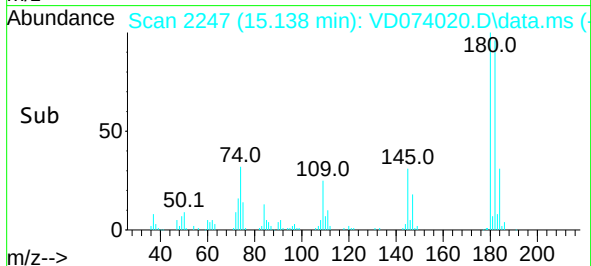
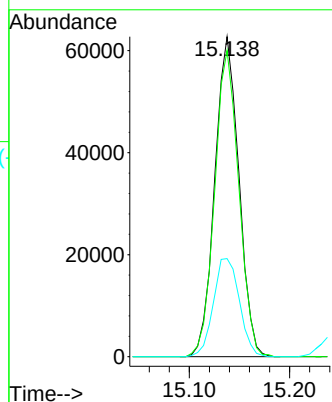
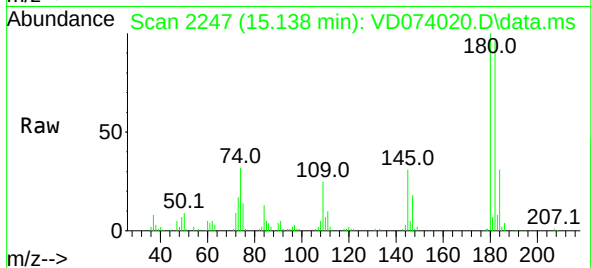
Tgt Ion:180 Resp: 104372

Ion Ratio Lower Upper

180 100

182 95.7 47.0 141.0

145 33.2 16.2 48.6



#94

Hexachlorobutadiene

Concen: 49.450 ug/l

RT: 15.243 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

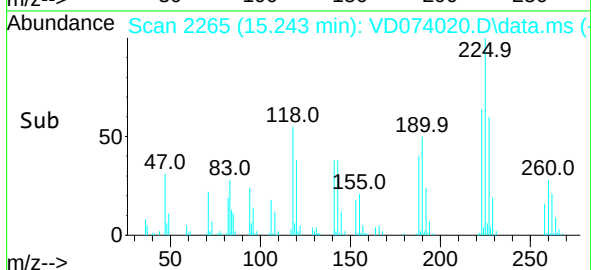
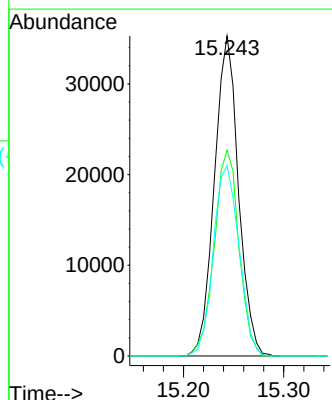
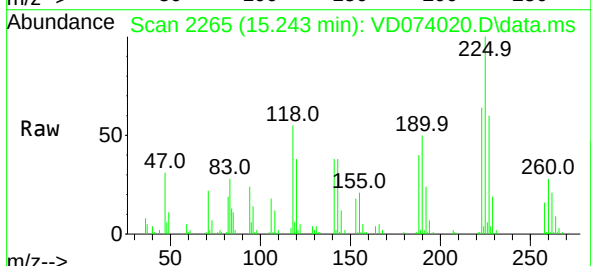
Tgt Ion:225 Resp: 58792

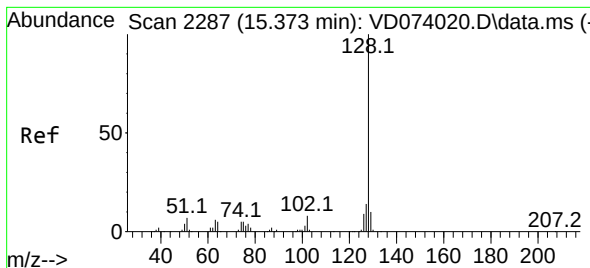
Ion Ratio Lower Upper

225 100

223 65.7 30.7 92.1

227 63.5 30.6 91.8





#95

Naphthalene

Concen: 51.894 ug/l

RT: 15.373 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

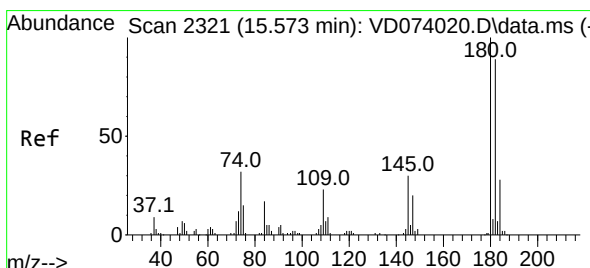
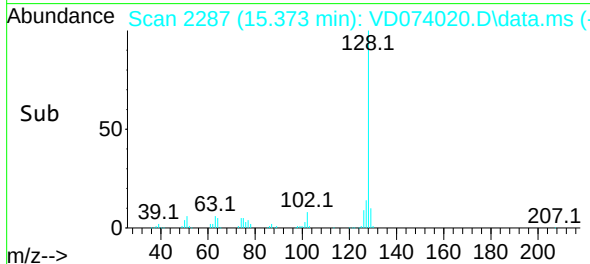
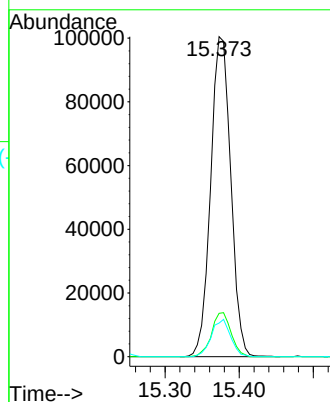
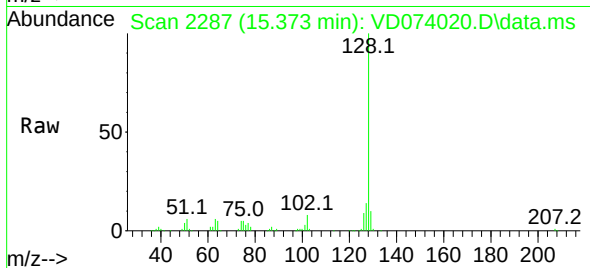
Tgt Ion:128 Resp: 189320

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 11.2 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 50.341 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. 0.000 min

Lab File: VD074020.D

Acq: 10 Aug 2022 12:06

Tgt Ion:180 Resp: 92034

Ion Ratio Lower Upper

180 100

182 93.7 46.2 138.5

145 34.4 16.8 50.4

