

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073271.D
 Acq On : 22 May 2022 12:51
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 23 01:16:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	187094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	382852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	425941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	226237	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	169696	82.072	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.140%#	
35) Dibromofluoromethane	7.908	113	153613	60.805	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.620%	
50) Toluene-d8	10.332	98	504774	54.203	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.400%	
62) 4-Bromofluorobenzene	12.620	95	209242	64.024	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 128.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	46462	24.853	ug/l	94
3) Chloromethane	2.208	50	80589	38.122	ug/l	93
4) Vinyl Chloride	2.344	62	57078	29.528	ug/l	97
5) Bromomethane	2.750	94	63730	51.552	ug/l	98
6) Chloroethane	2.914	64	50305	42.333	ug/l	99
7) Trichlorofluoromethane	3.261	101	112714	32.976	ug/l	96
8) Diethyl Ether	3.702	74	77701	82.729	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	72214	35.409	ug/l	97
10) Methyl Iodide	4.291	142	93952	42.699	ug/l	99
11) Tert butyl alcohol	5.226	59	66792	208.207	ug/l	98
12) 1,1-Dichloroethene	4.067	96	70230	37.352	ug/l	88
13) Acrolein	3.914	56	47578	385.156	ug/l	99
14) Allyl chloride	4.702	41	155058	51.090	ug/l	91
15) Acrylonitrile	5.414	53	206810	481.531	ug/l	98
16) Acetone	4.150	43	156689	437.509	ug/l	90
17) Carbon Disulfide	4.402	76	224962	36.092	ug/l	99
18) Methyl Acetate	4.714	43	103391	103.819	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	378147	88.280	ug/l	96
20) Methylene Chloride	4.955	84	160294	72.348	ug/l	86
21) trans-1,2-Dichloroethene	5.467	96	115182	50.666	ug/l	90
22) Diisopropyl ether	6.361	45	493813	77.616	ug/l #	92
23) Vinyl Acetate	6.302	43	1415881	417.214	ug/l	95
24) 1,1-Dichloroethane	6.261	63	235723	57.721	ug/l	98
25) 2-Butanone	7.208	43	254714	486.122	ug/l	92
26) 2,2-Dichloropropane	7.202	77	118823	34.118	ug/l	92
27) cis-1,2-Dichloroethene	7.202	96	156277	62.125	ug/l	87
28) Bromochloromethane	7.543	49	112321	79.834	ug/l #	80
29) Tetrahydrofuran	7.555	42	169503	500.291	ug/l	92
30) Chloroform	7.702	83	278545	65.332	ug/l	95
31) Cyclohexane	7.979	56	107980	29.884	ug/l #	84
32) 1,1,1-Trichloroethane	7.896	97	178819	47.955	ug/l	95
36) 1,1-Dichloropropene	8.102	75	136350	35.886	ug/l	98
37) Ethyl Acetate	7.285	43	114197	76.091	ug/l #	95
38) Carbon Tetrachloride	8.090	117	137015	35.575	ug/l	97
39) Methylcyclohexane	9.349	83	111074	26.231	ug/l	97
40) Benzene	8.343	78	534042	48.770	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	60654	69.366	ug/l #	81
42) 1,2-Dichloroethane	8.414	62	201125	66.010	ug/l	97
43) Isopropyl Acetate	8.443	43	215245	77.593	ug/l #	96
44) Trichloroethene	9.102	130	128508	44.009	ug/l	96
45) 1,2-Dichloropropane	9.379	63	160404	58.166	ug/l	98
46) Dibromomethane	9.467	93	102863	67.915	ug/l	97
47) Bromodichloromethane	9.655	83	240505	62.060	ug/l	95
48) Methyl methacrylate	9.449	41	110864	79.436	ug/l	90
49) 1,4-Dioxane	9.455	88	27492	1757.676	ug/l #	92
51) 4-Methyl-2-Pentanone	10.220	43	612349	425.016	ug/l	93
52) Toluene	10.396	92	350785	50.694	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	215434	61.534	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	241717	57.693	ug/l #	88
55) 1,1,2-Trichloroethane	10.790	97	144870	70.733	ug/l	96
56) Ethyl methacrylate	10.649	69	187256	82.232	ug/l #	83
57) 1,3-Dichloropropane	10.937	76	247378	71.984	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	400152	359.496	ug/l	96
59) 2-Hexanone	10.973	43	419839	441.993	ug/l	93
60) Dibromochloromethane	11.132	129	181801	71.187	ug/l	98
61) 1,2-Dibromoethane	11.237	107	141715	72.410	ug/l	99
64) Tetrachloroethene	10.867	164	103469	37.088	ug/l	94
65) Chlorobenzene	11.661	112	410049	46.927	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	174841	53.952	ug/l	98
67) Ethyl Benzene	11.737	91	650690	42.419	ug/l	99
68) m/p-Xylenes	11.843	106	518811	87.055	ug/l	99
69) o-Xylene	12.167	106	260575	47.596	ug/l	96
70) Styrene	12.184	104	496003	52.659	ug/l	96
71) Bromoform	12.349	173	111136	66.633	ug/l #	99
73) Isopropylbenzene	12.467	105	593983	36.829	ug/l	99
74) N-amyl acetate	12.278	43	193468	54.987	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	180522	60.689	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	210204	94.696	ug/l #	100
77) Bromobenzene	12.749	156	181298	47.753	ug/l	96
78) n-propylbenzene	12.808	91	747435	36.914	ug/l	99
79) 2-Chlorotoluene	12.896	91	493571	42.219	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	558869	40.906	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	45354	49.050	ug/l	89
82) 4-Chlorotoluene	12.990	91	530320	43.278	ug/l	98
83) tert-Butylbenzene	13.208	119	422728	36.713	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	584619	43.315	ug/l	100
85) sec-Butylbenzene	13.384	105	608534	34.612	ug/l	99
86) p-Isopropyltoluene	13.502	119	508445	35.476	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	351553	45.939	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	355960	46.079	ug/l	99
89) n-Butylbenzene	13.825	91	462000	33.832	ug/l	99
90) Hexachloroethane	14.090	117	119466	40.285	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	335386	50.653	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.484	75	28592	62.768	ug/l	91
93) 1,2,4-Trichlorobenzene	15.143	180	186235	49.543	ug/l	97
94) Hexachlorobutadiene	15.249	225	69578	32.846	ug/l	98
95) Naphthalene	15.378	128	415663	55.709	ug/l	99
96) 1,2,3-Trichlorobenzene	15.572	180	175368	52.623	ug/l	100

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Response via : Initial Calibration

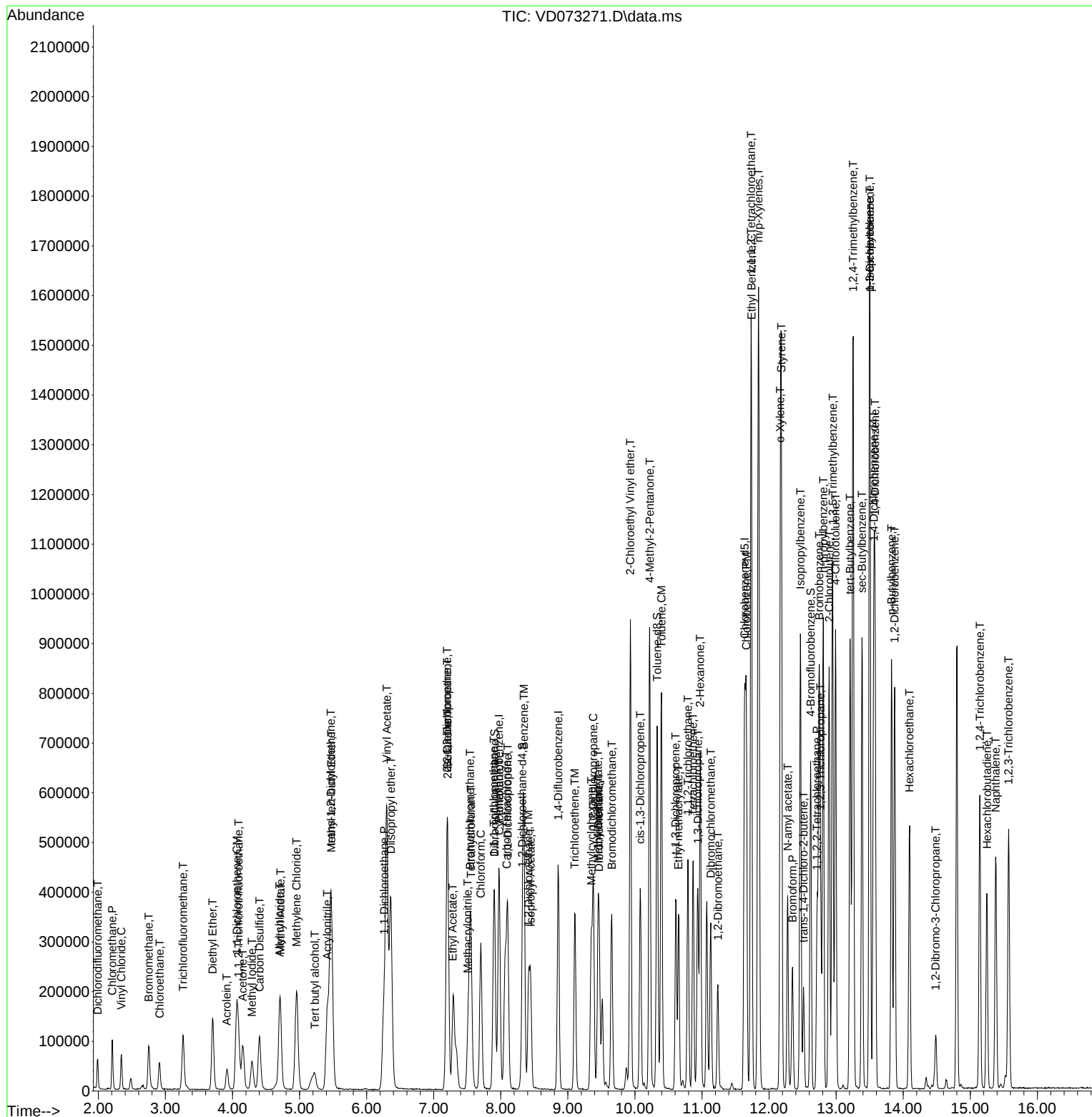
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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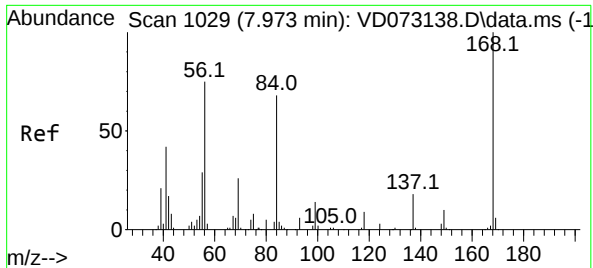
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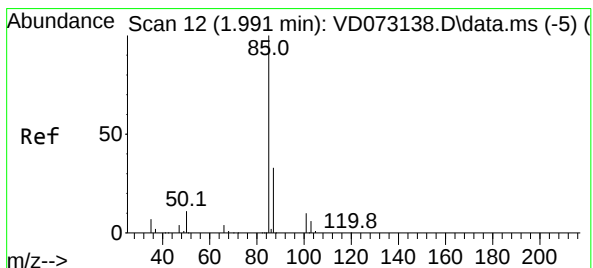
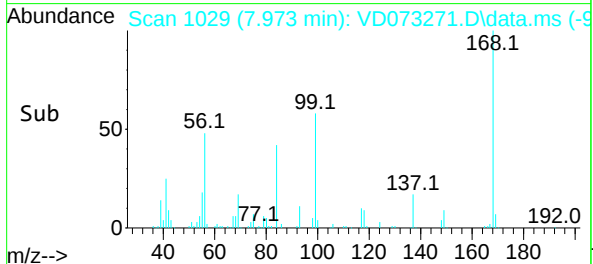
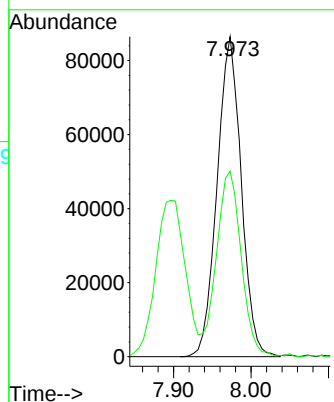
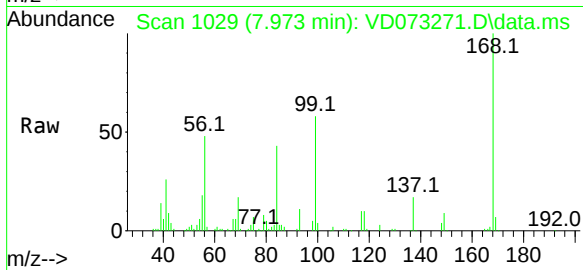




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
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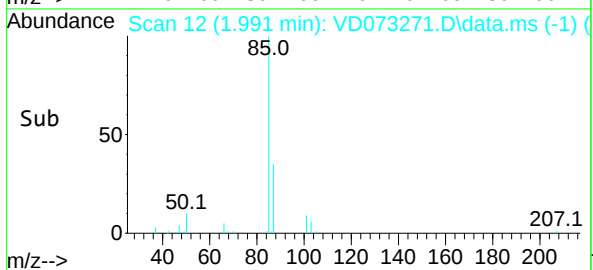
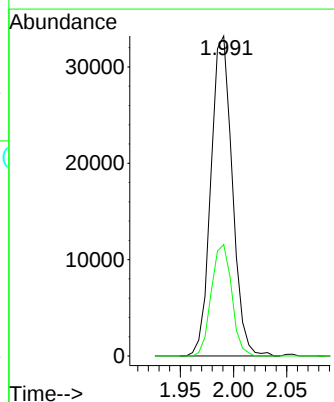
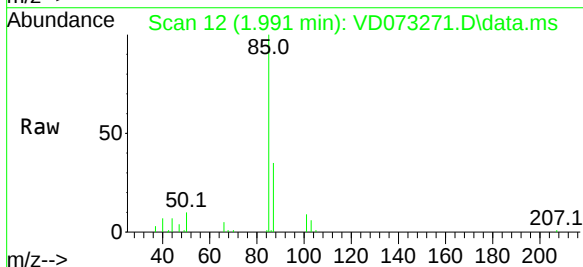
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MSVOA_D
ClientSampleId :
VSTDCCC050EC

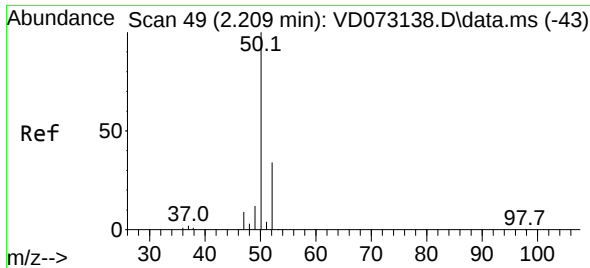
Tgt Ion:168 Resp: 187094
Ion Ratio Lower Upper
168 100
99 57.5 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 24.853 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 85 Resp: 46462
Ion Ratio Lower Upper
85 100
87 34.8 15.7 47.0

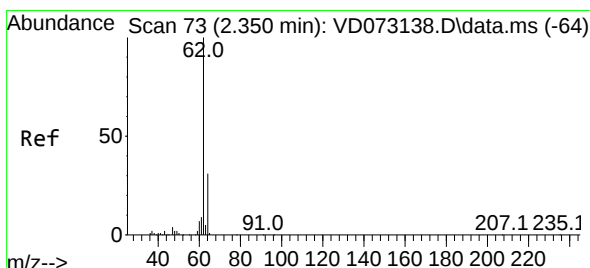
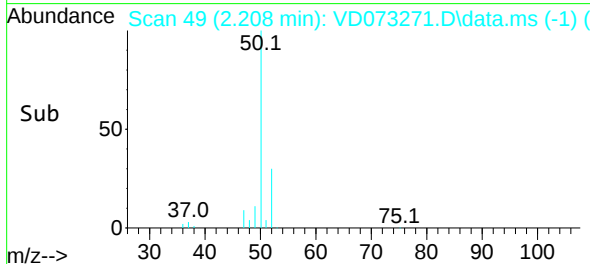
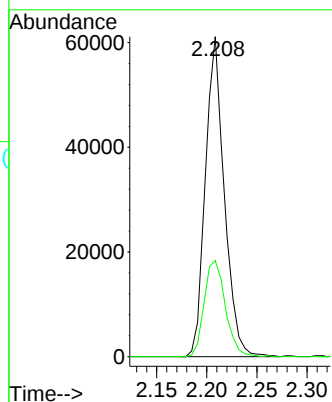
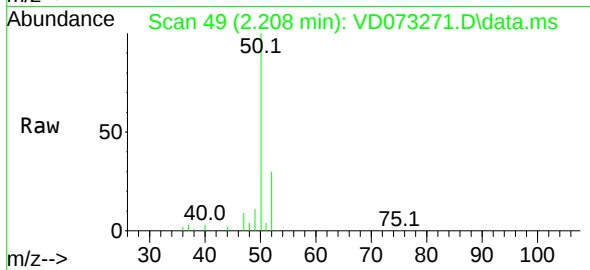




#3
Chloromethane
Concen: 38.122 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

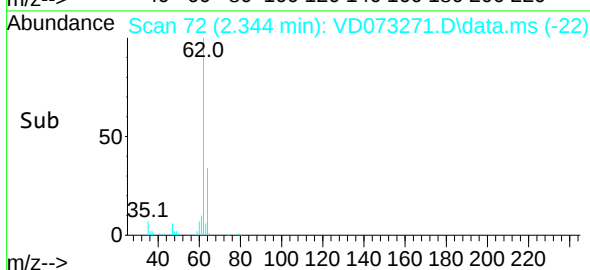
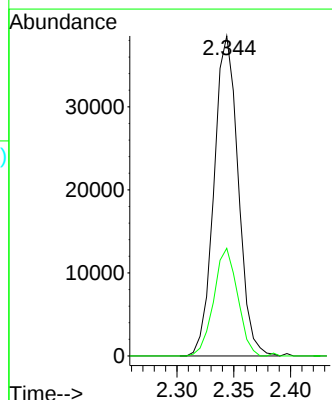
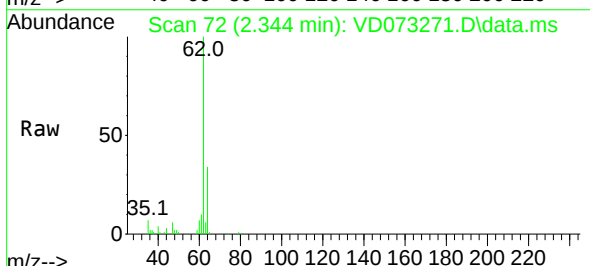
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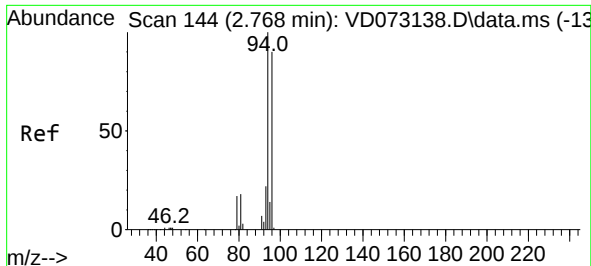
Tgt Ion: 50 Resp: 80589
Ion Ratio Lower Upper
50 100
52 30.1 27.4 41.0



#4
Vinyl Chloride
Concen: 29.528 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073271.D
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Tgt Ion: 62 Resp: 57078
Ion Ratio Lower Upper
62 100
64 33.6 25.4 38.0

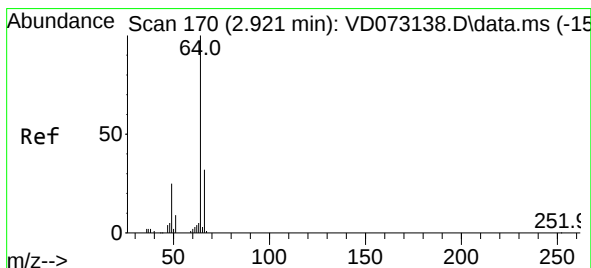
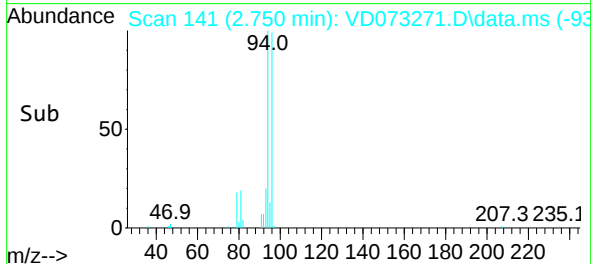
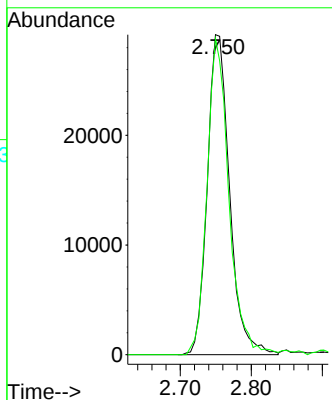
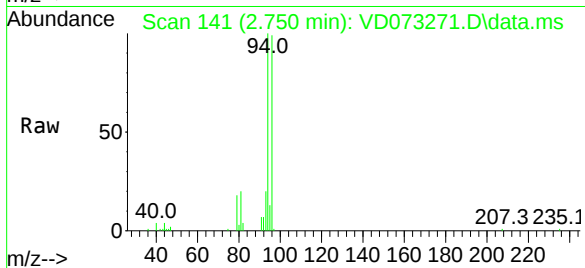




#5
Bromomethane
Concen: 51.552 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073271.D
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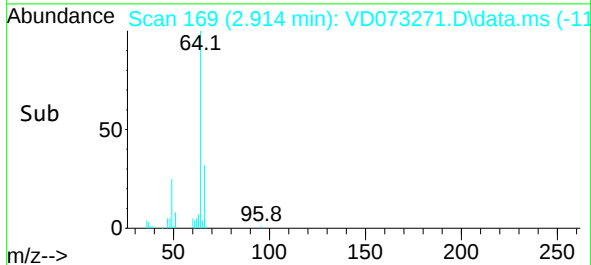
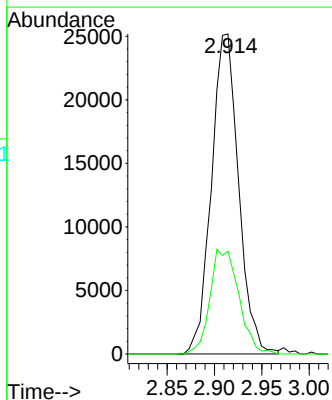
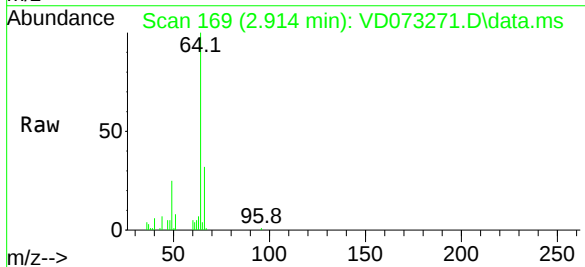
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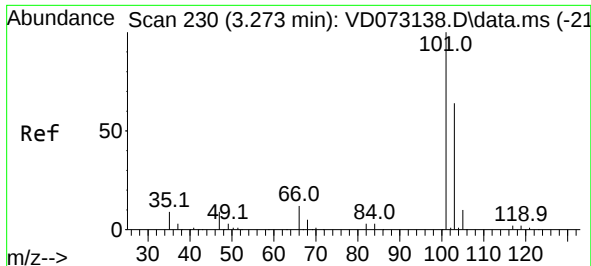
Tgt Ion: 94 Resp: 63730
Ion Ratio Lower Upper
94 100
96 98.8 77.6 116.4



#6
Chloroethane
Concen: 42.333 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.007 min
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Tgt Ion: 64 Resp: 50305
Ion Ratio Lower Upper
64 100
66 32.1 25.9 38.9

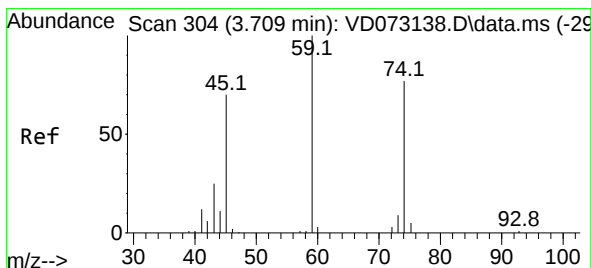
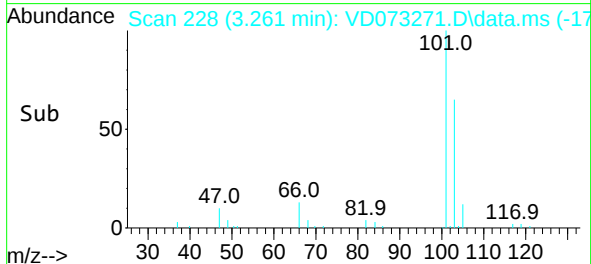
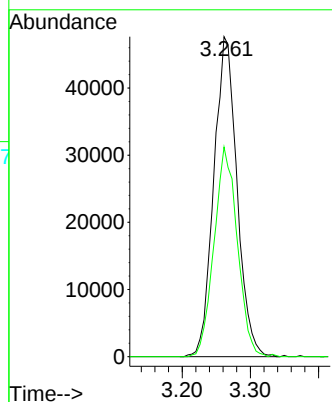
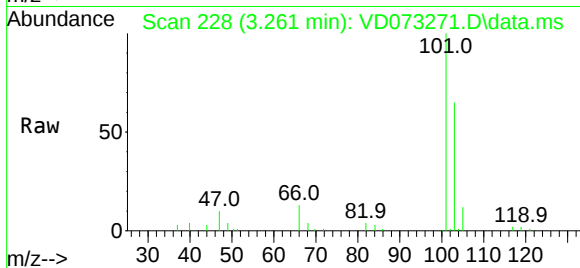




#7
 Trichlorofluoromethane
 Concen: 32.976 ug/l
 RT: 3.261 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VD073271.D
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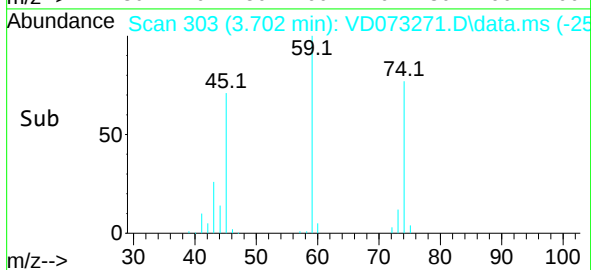
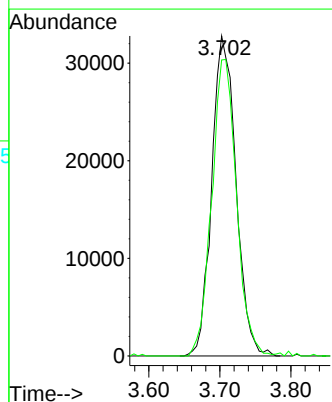
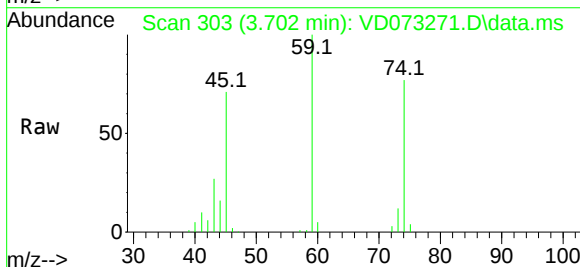
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Tgt Ion:101 Resp: 112714
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.1 75.1



#8
 Diethyl Ether
 Concen: 82.729 ug/l
 RT: 3.702 min Scan# 303
 Delta R.T. -0.007 min
 Lab File: VD073271.D
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Tgt Ion: 74 Resp: 77701
 Ion Ratio Lower Upper
 74 100
 45 94.8 52.6 157.8

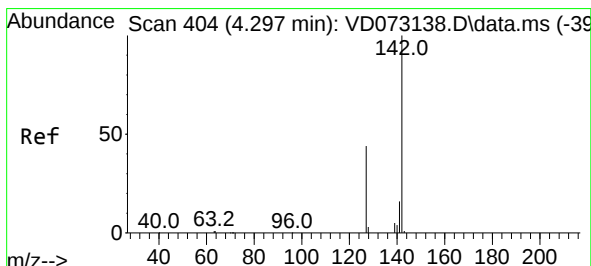
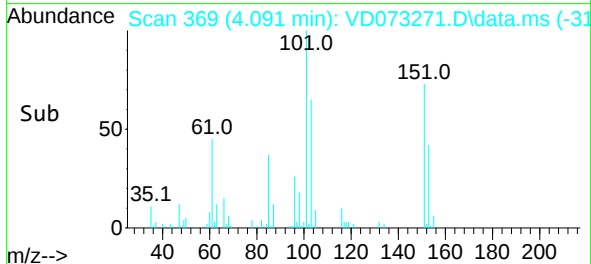
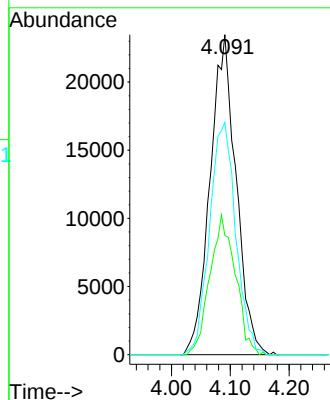
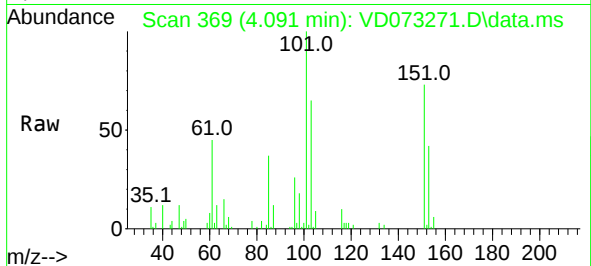




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 35.409 ug/l
 RT: 4.091 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VD073271.D
 Acq: 22 May 2022 12:51

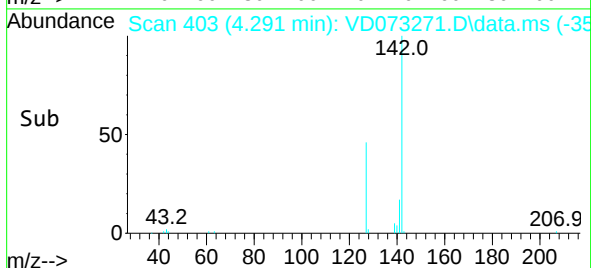
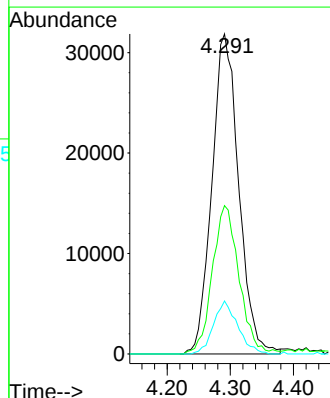
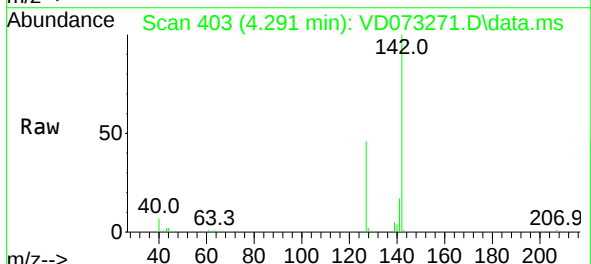
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

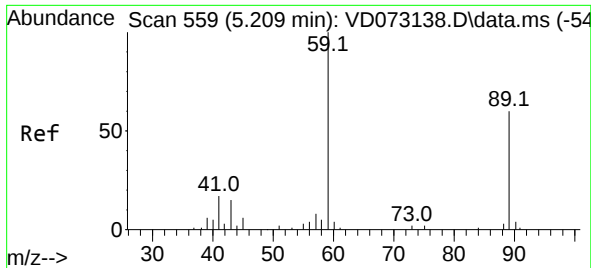
Tgt Ion:101 Resp: 72214
 Ion Ratio Lower Upper
 101 100
 85 42.8 36.4 54.6
 151 73.1 57.3 85.9



#10
 Methyl Iodide
 Concen: 42.699 ug/l
 RT: 4.291 min Scan# 403
 Delta R.T. -0.006 min
 Lab File: VD073271.D
 Acq: 22 May 2022 12:51

Tgt Ion:142 Resp: 93952
 Ion Ratio Lower Upper
 142 100
 127 45.9 37.3 55.9
 141 15.0 11.7 17.5

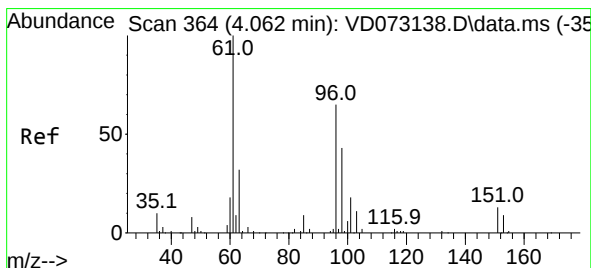
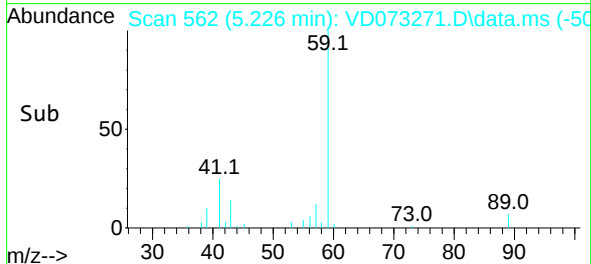
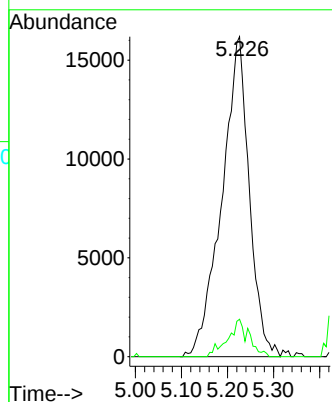
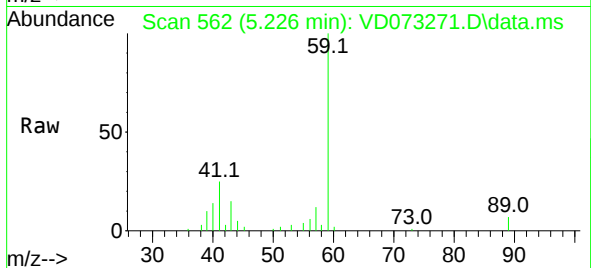




#11
Tert butyl alcohol
Concen: 208.207 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.017 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

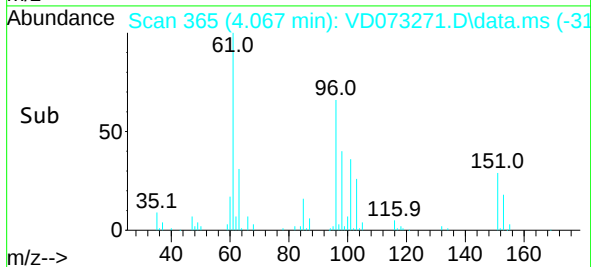
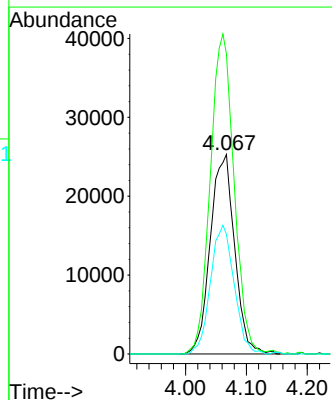
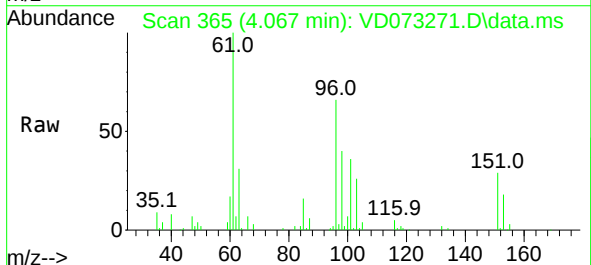
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

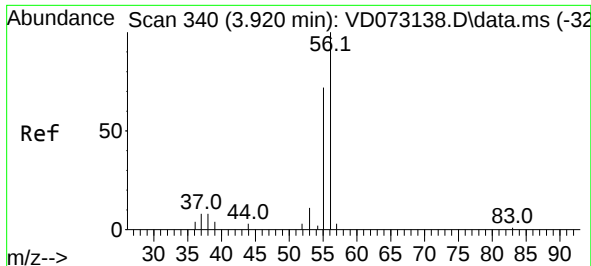
Tgt Ion: 59 Resp: 66792
Ion Ratio Lower Upper
59 100
57 9.0 7.8 11.6



#12
1,1-Dichloroethene
Concen: 37.352 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.005 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 96 Resp: 70230
Ion Ratio Lower Upper
96 100
61 150.4 138.5 207.7
98 60.0 48.6 73.0

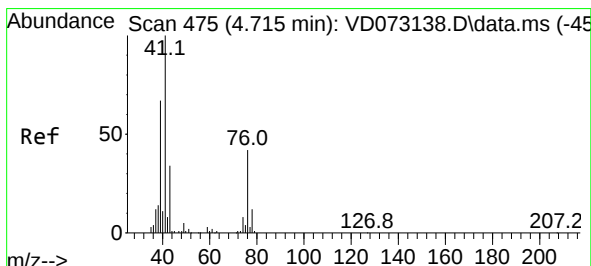
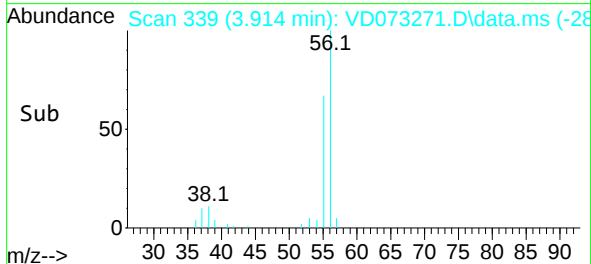
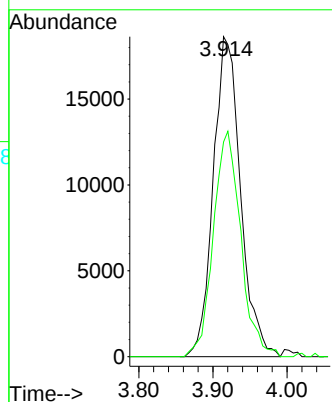
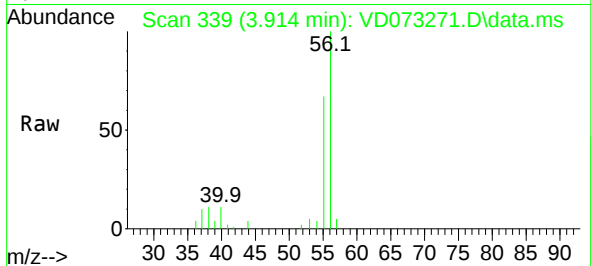




#13
Acrolein
Concen: 385.156 ug/l
RT: 3.914 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

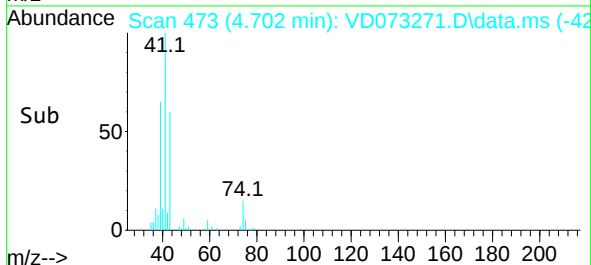
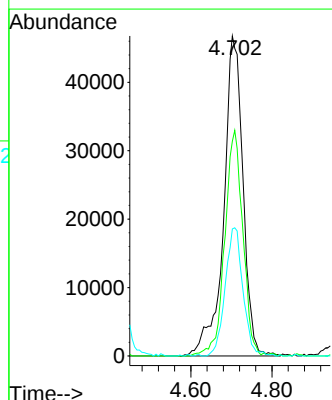
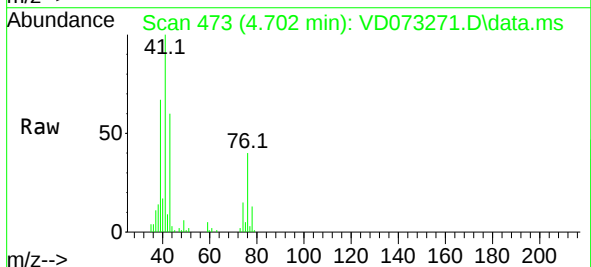
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

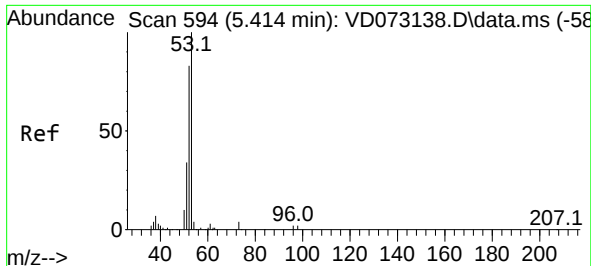
Tgt Ion: 56 Resp: 47578
Ion Ratio Lower Upper
56 100
55 70.8 57.1 85.7



#14
Allyl chloride
Concen: 51.090 ug/l
RT: 4.702 min Scan# 473
Delta R.T. -0.013 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

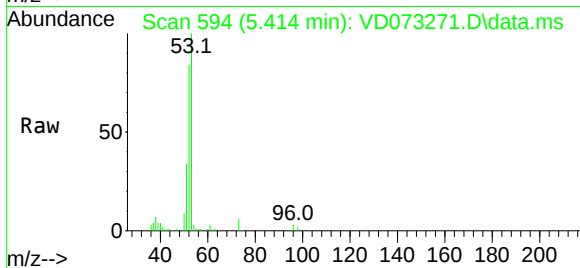
Tgt Ion: 41 Resp: 155058
Ion Ratio Lower Upper
41 100
39 65.8 59.3 88.9
76 36.9 25.7 38.5



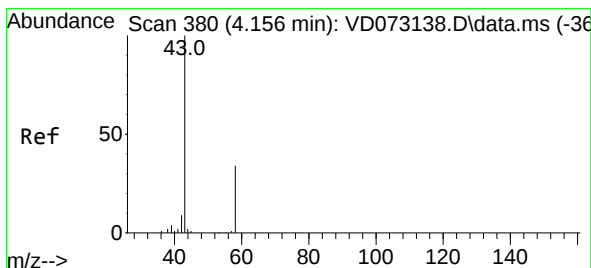
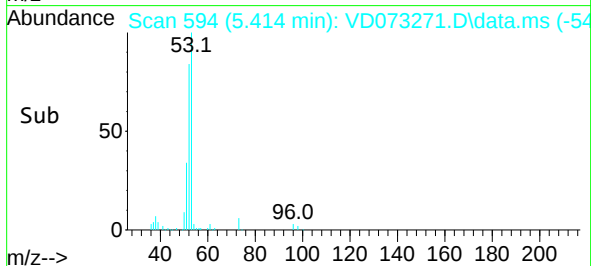
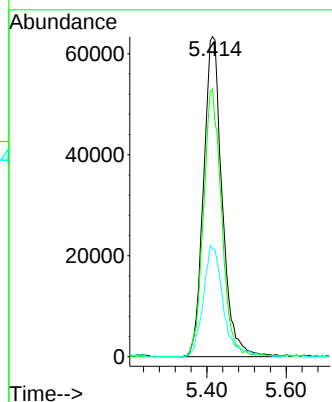


#15
Acrylonitrile
Concen: 481.531 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

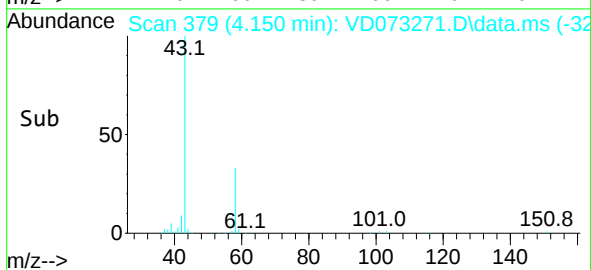
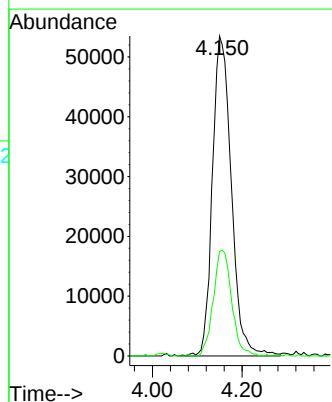
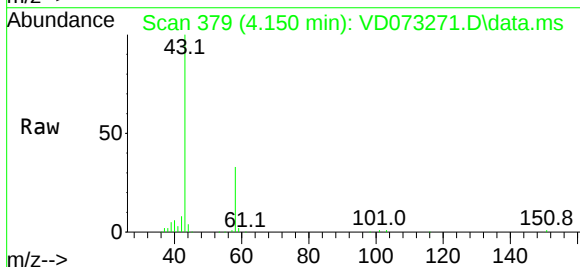


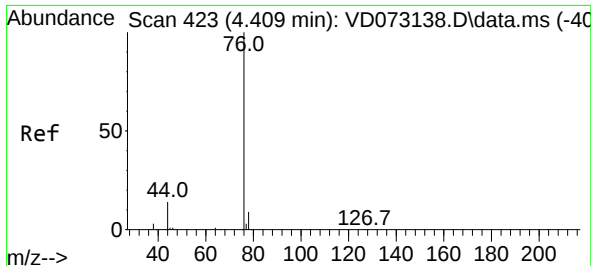
Tgt Ion: 53 Resp: 206810
Ion Ratio Lower Upper
53 100
52 81.4 67.2 100.8
51 37.1 30.3 45.5



#16
Acetone
Concen: 437.509 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 43 Resp: 156689
Ion Ratio Lower Upper
43 100
58 32.6 22.1 33.1

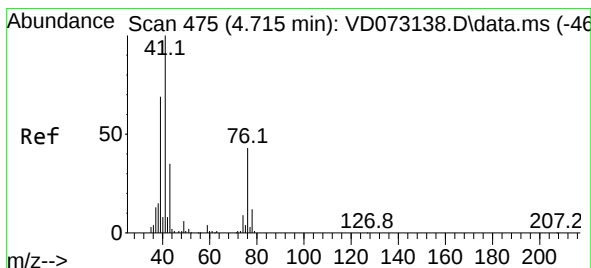
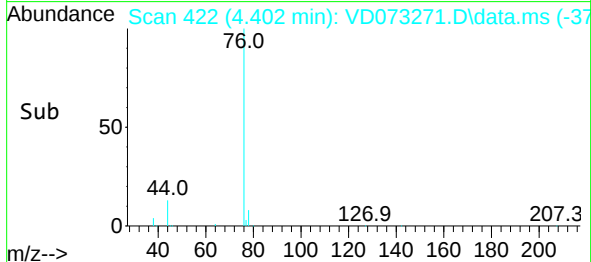
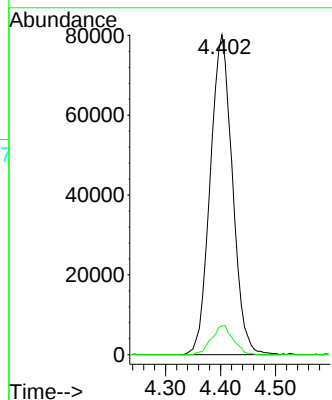
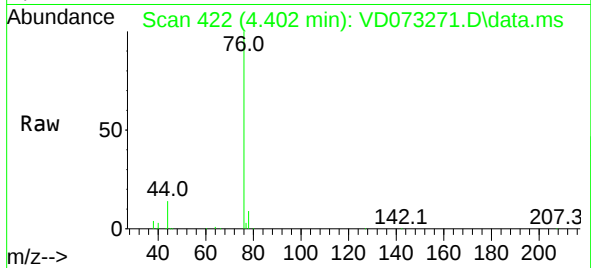




#17
Carbon Disulfide
Concen: 36.092 ug/l
RT: 4.402 min Scan# 41
Delta R.T. -0.007 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

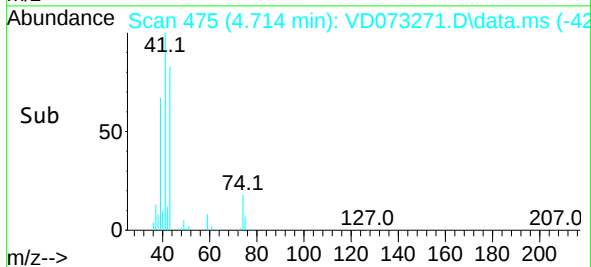
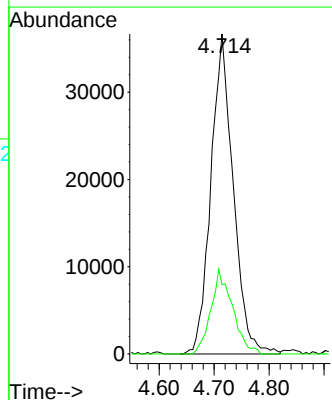
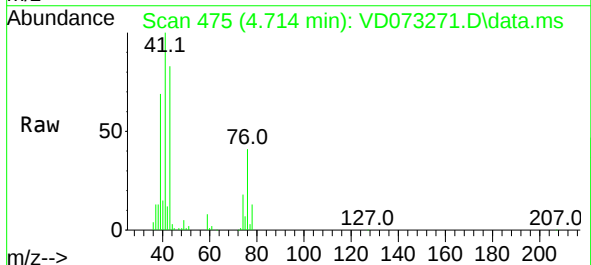
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

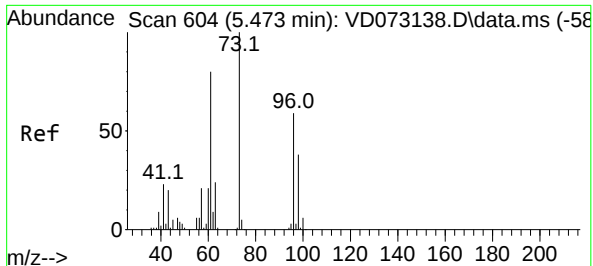
Tgt Ion: 76 Resp: 224962
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 103.819 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 43 Resp: 103391
Ion Ratio Lower Upper
43 100
74 25.6 16.7 25.1#

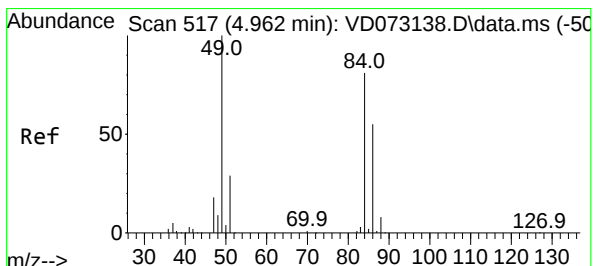
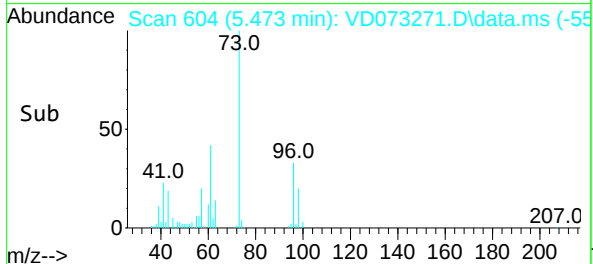
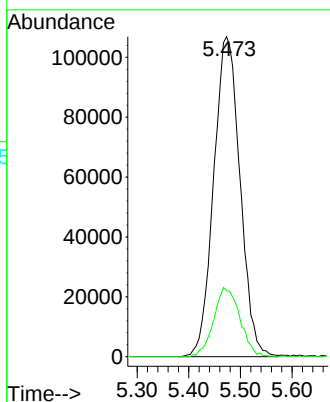
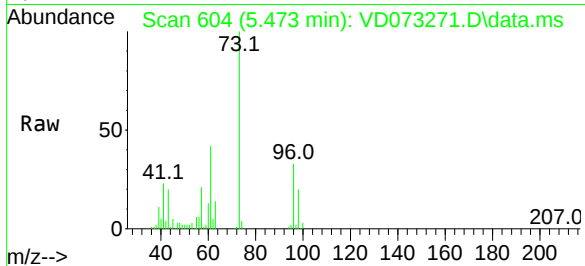




#19
Methyl tert-butyl Ether
Concen: 88.280 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

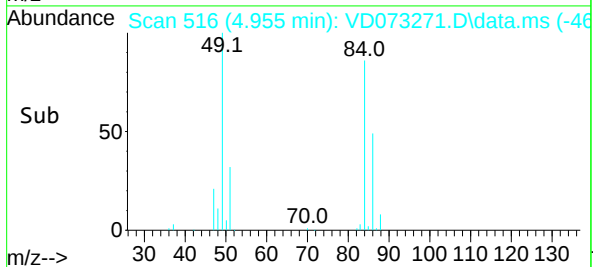
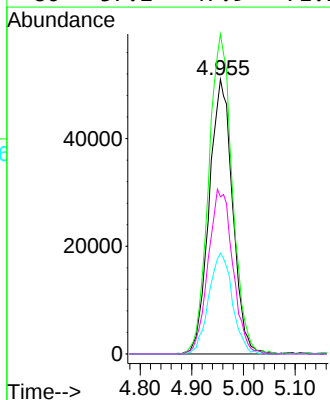
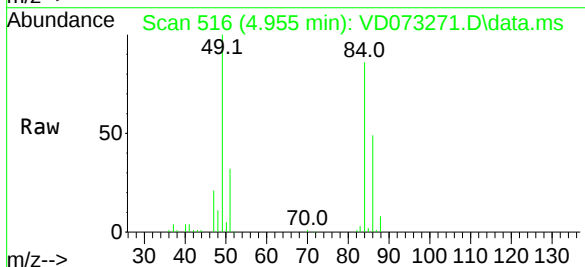
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

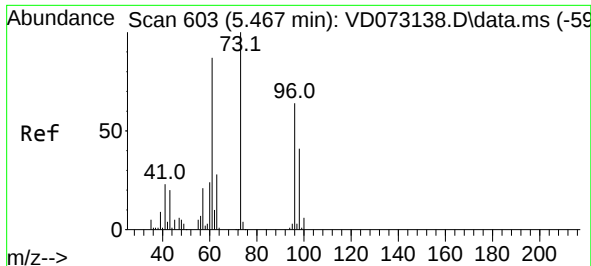
Tgt Ion: 73 Resp: 378147
Ion Ratio Lower Upper
73 100
57 20.6 18.0 27.0



#20
Methylene Chloride
Concen: 72.348 ug/l
RT: 4.955 min Scan# 516
Delta R.T. -0.007 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 84 Resp: 160294
Ion Ratio Lower Upper
84 100
49 116.6 112.8 169.2
51 36.7 32.6 48.8
86 57.2 47.9 71.9

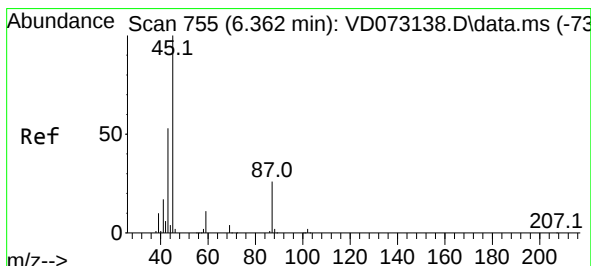
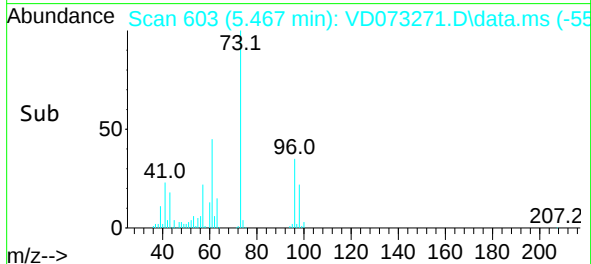
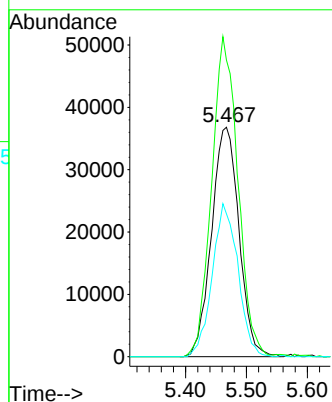
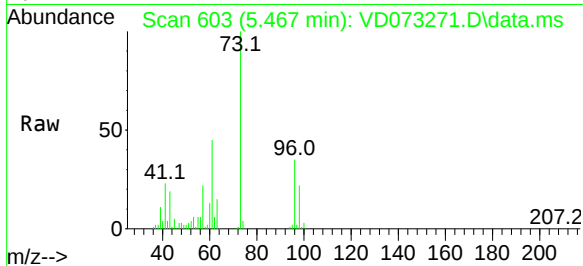




#21
trans-1,2-Dichloroethene
Concen: 50.666 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

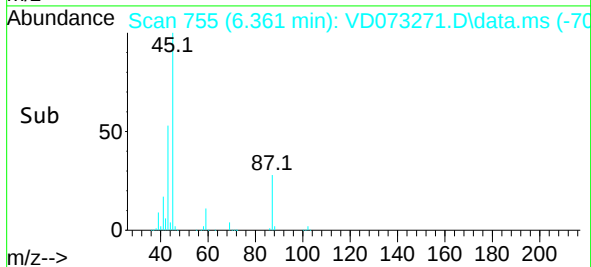
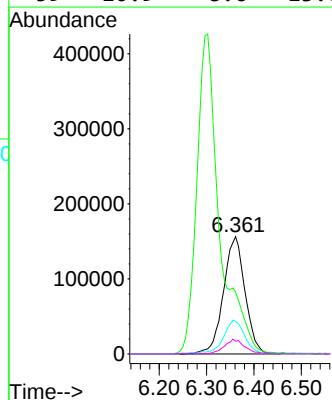
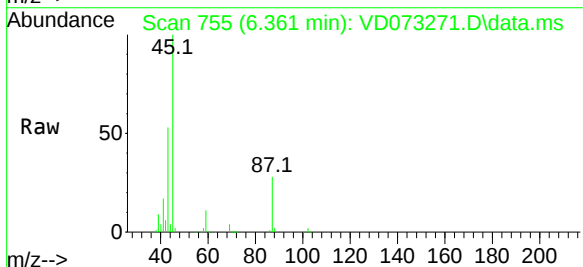
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

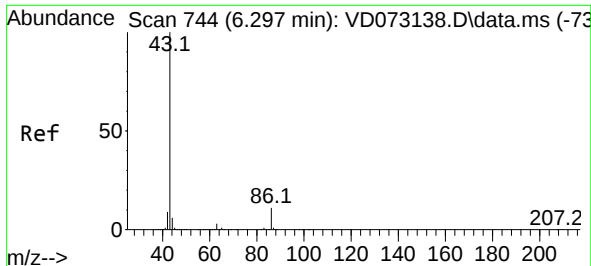
Tgt Ion: 96 Resp: 115182
Ion Ratio Lower Upper
96 100
61 129.3 117.9 176.9
98 62.3 49.4 74.2



#22
Diisopropyl ether
Concen: 77.616 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 45 Resp: 493813
Ion Ratio Lower Upper
45 100
43 52.0 46.6 70.0
87 27.7 18.4 27.6#
59 10.9 8.6 13.0

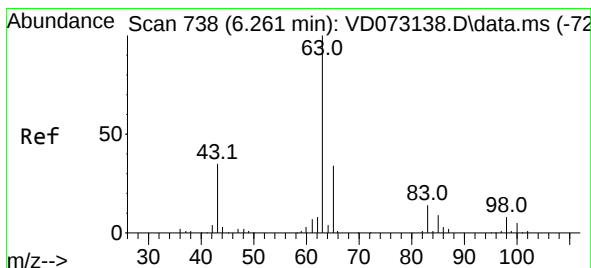
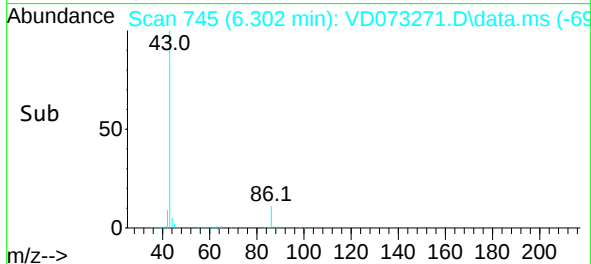
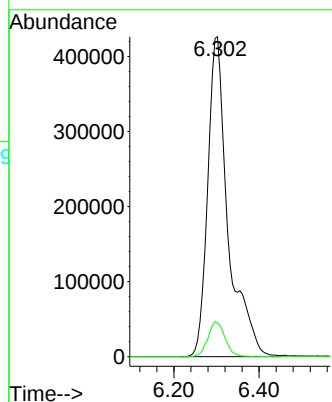
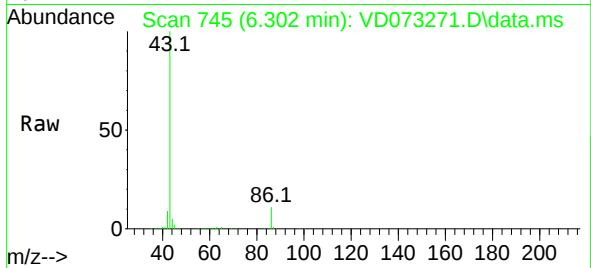




#23
 Vinyl Acetate
 Concen: 417.214 ug/l
 RT: 6.302 min Scan# 744
 Delta R.T. 0.005 min
 Lab File: VD073271.D
 Acq: 22 May 2022 12:51

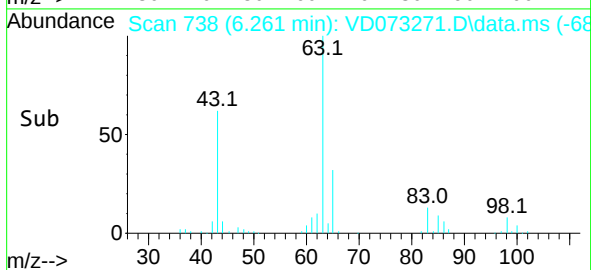
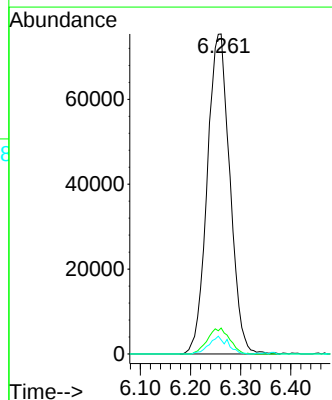
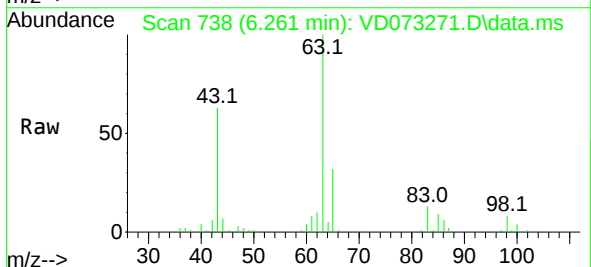
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1415881
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 57.721 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073271.D
 Acq: 22 May 2022 12:51

Tgt Ion: 63 Resp: 235723
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.6 10.9
 100 4.4 2.1 6.5

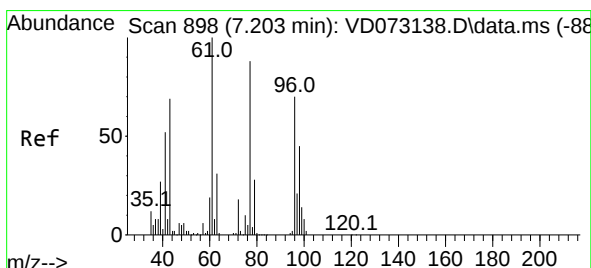
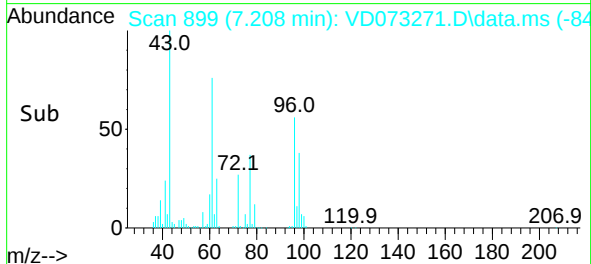
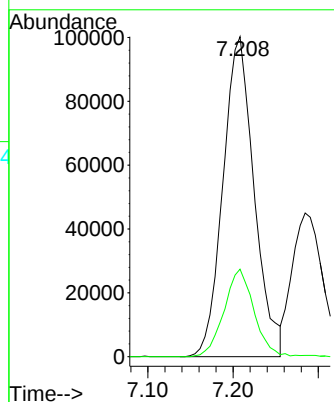
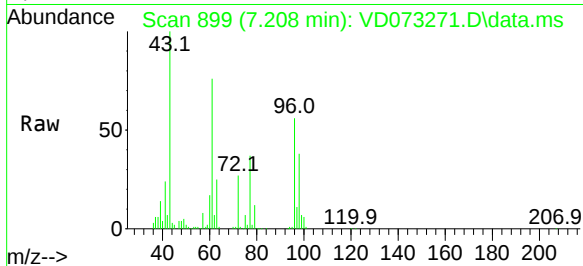




#25
2-Butanone
Concen: 486.122 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

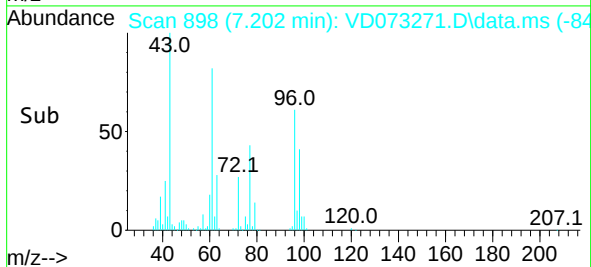
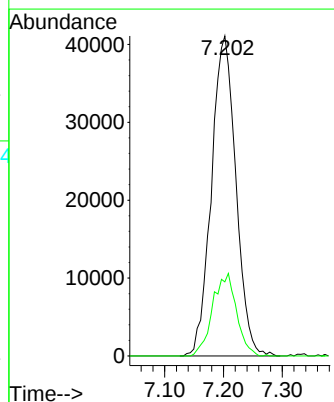
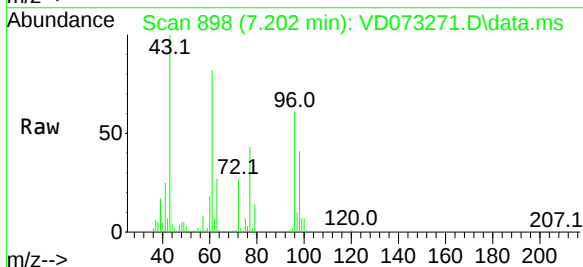
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 254714
Ion Ratio Lower Upper
43 100
72 27.3 18.6 27.8



#26
2,2-Dichloropropane
Concen: 34.118 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 77 Resp: 118823
Ion Ratio Lower Upper
77 100
97 25.2 10.8 32.4

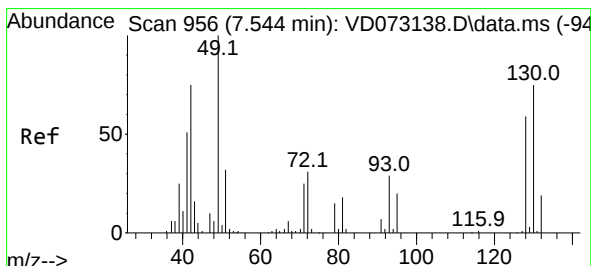
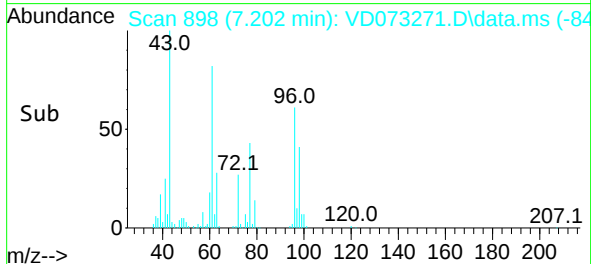
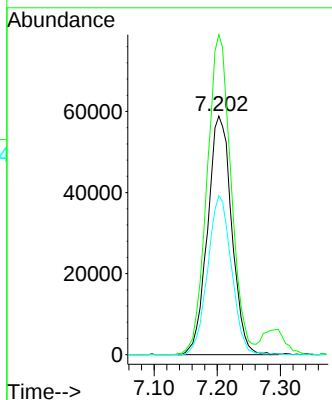
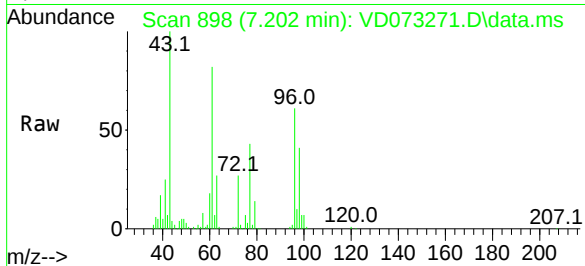




#27
 cis-1,2-Dichloroethene
 Concen: 62.125 ug/l
 RT: 7.202 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD073271.D
 Acq: 22 May 2022 12:51

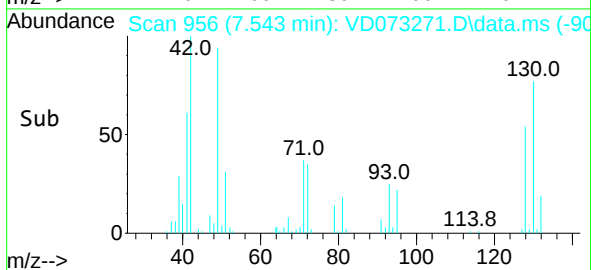
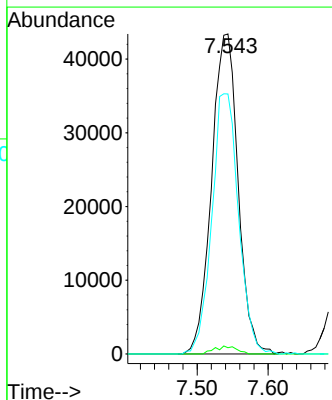
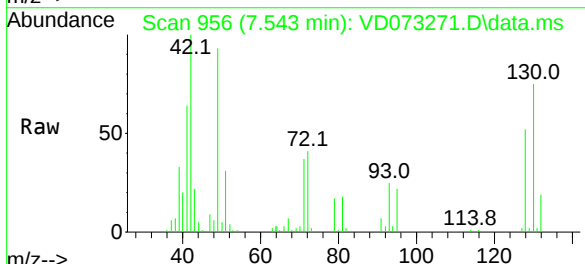
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

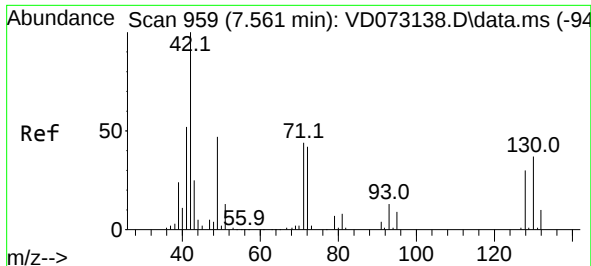
Tgt Ion: 96 Resp: 156277
 Ion Ratio Lower Upper
 96 100
 61 134.0 0.0 313.8
 98 65.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 79.834 ug/l
 RT: 7.543 min Scan# 956
 Delta R.T. -0.001 min
 Lab File: VD073271.D
 Acq: 22 May 2022 12:51

Tgt Ion: 49 Resp: 112321
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 81.9 52.6 79.0#





#29

Tetrahydrofuran

Concen: 500.291 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

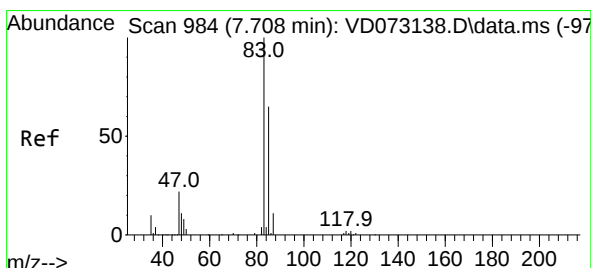
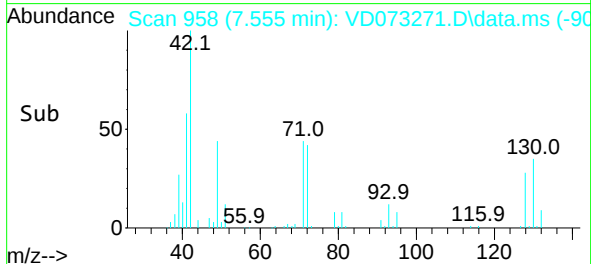
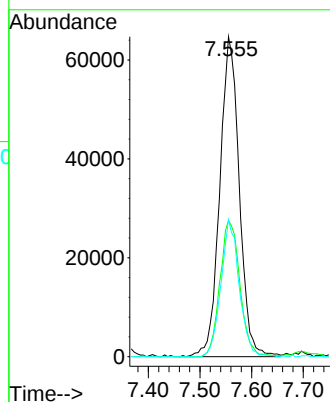
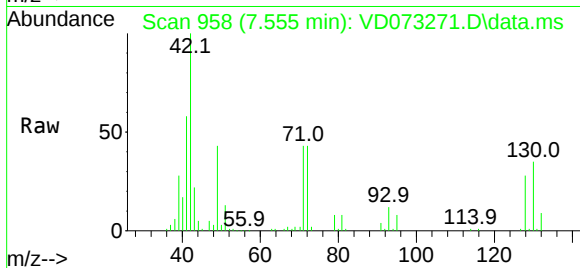
Tgt Ion: 42 Resp: 169503

Ion Ratio Lower Upper

42 100

72 43.6 30.7 46.1

71 40.1 28.6 43.0



#30

Chloroform

Concen: 65.332 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD073271.D

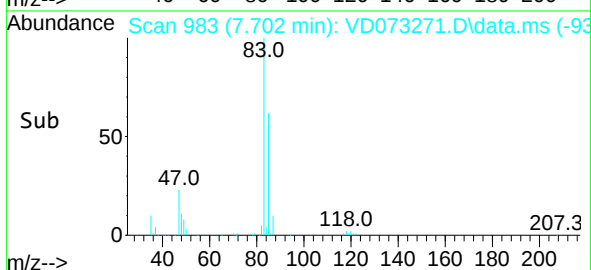
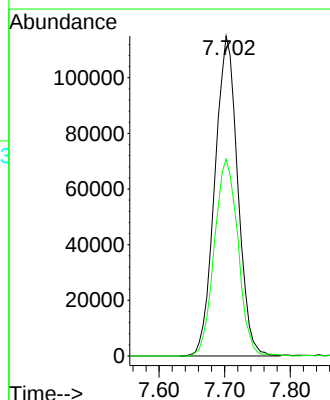
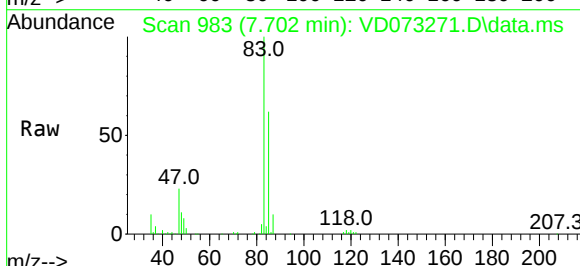
Acq: 22 May 2022 12:51

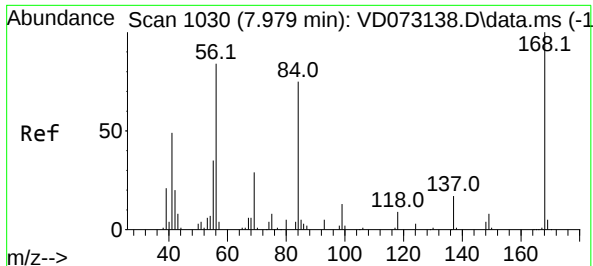
Tgt Ion: 83 Resp: 278545

Ion Ratio Lower Upper

83 100

85 61.5 52.7 79.1





#31

Cyclohexane

Concen: 29.884 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

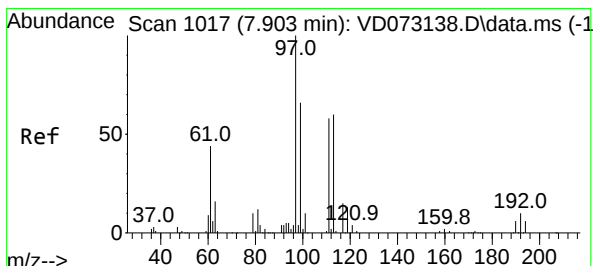
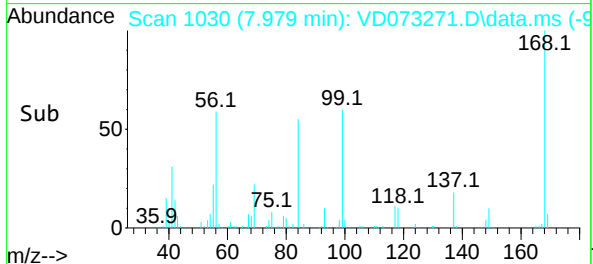
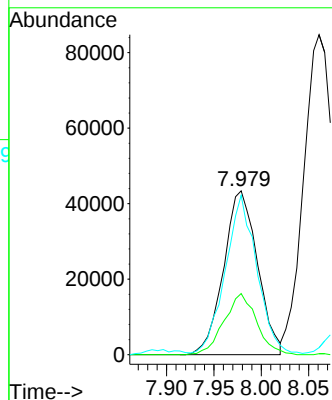
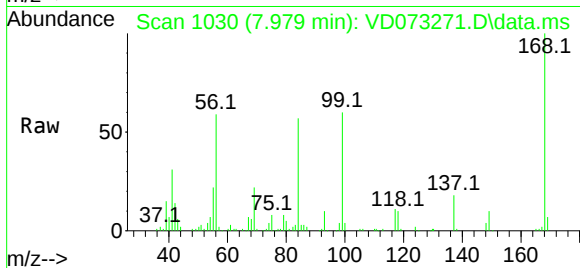
Tgt Ion: 56 Resp: 107980

Ion Ratio Lower Upper

56 100

69 37.4 25.4 38.2

84 95.1 63.0 94.4#



#32

1,1,1-Trichloroethane

Concen: 47.955 ug/l

RT: 7.896 min Scan# 1016

Delta R.T. -0.007 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

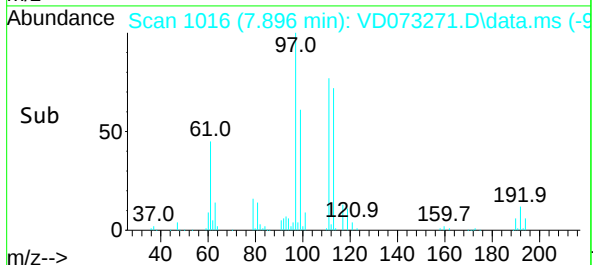
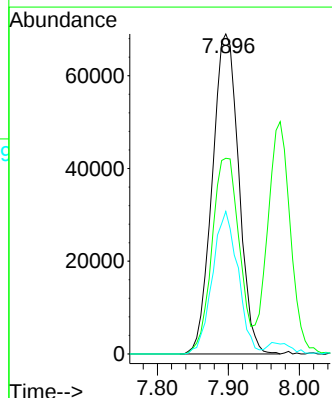
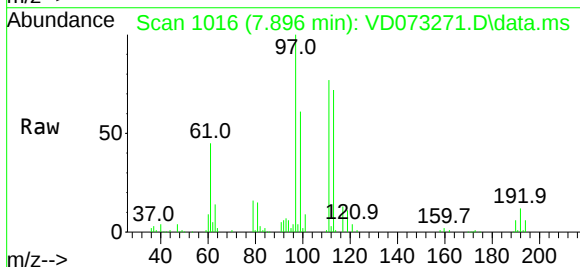
Tgt Ion: 97 Resp: 178819

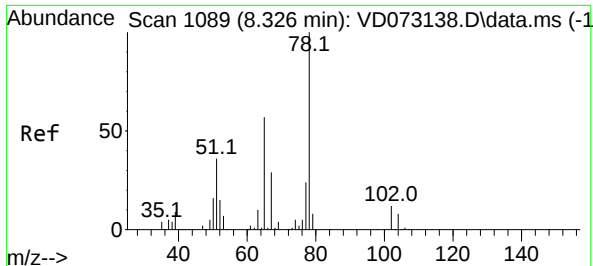
Ion Ratio Lower Upper

97 100

99 62.6 52.4 78.6

61 42.9 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 82.072 ug/l

RT: 8.320 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

Instrument :

MSVOA_D

ClientSampleId :

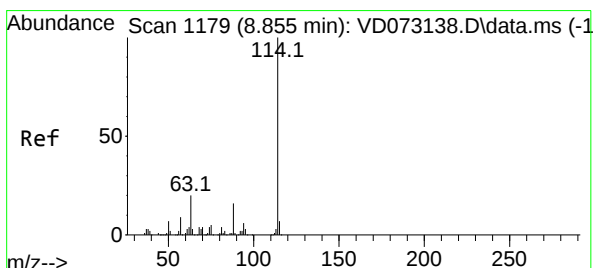
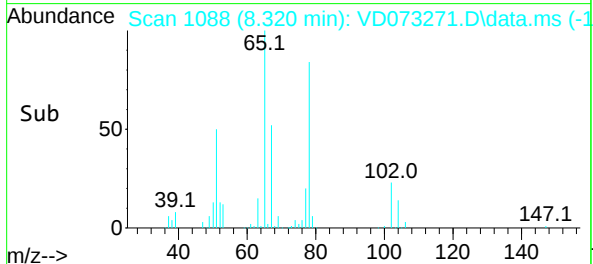
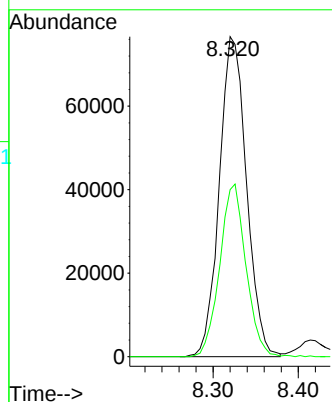
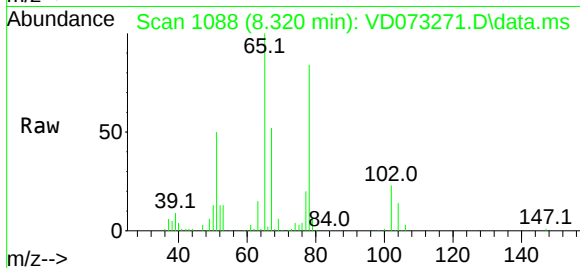
VSTDCCC050EC

Tgt Ion: 65 Resp: 169696

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

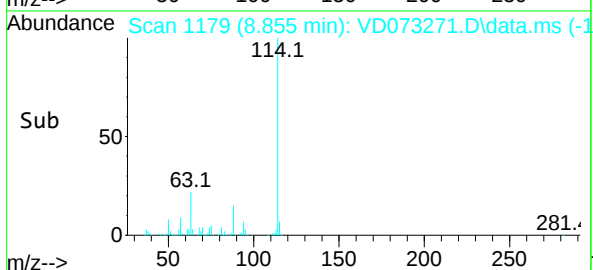
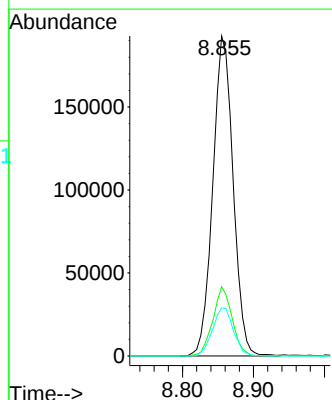
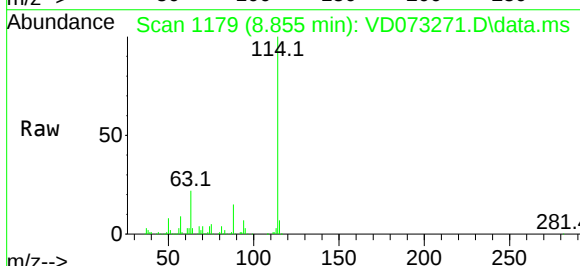
Tgt Ion: 114 Resp: 382852

Ion Ratio Lower Upper

114 100

63 21.7 0.0 46.6

88 14.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 60.805 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

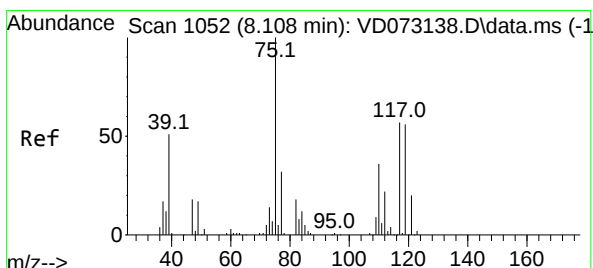
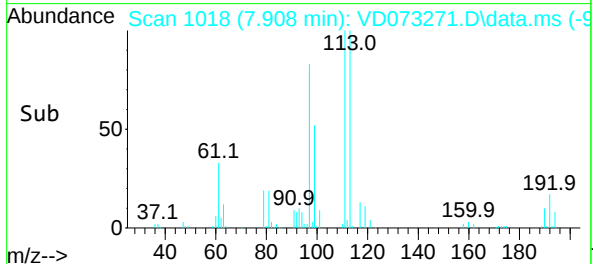
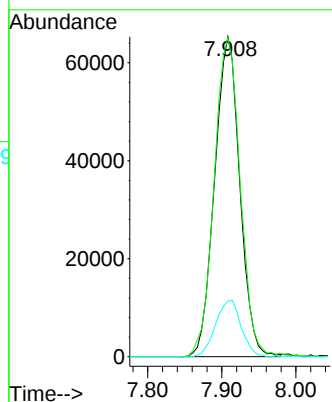
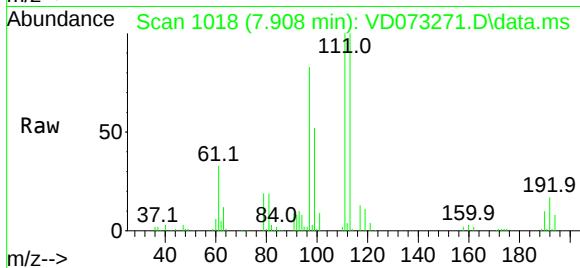
Tgt Ion:113 Resp: 153613

Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 17.9 14.6 21.8



#36

1,1-Dichloropropene

Concen: 35.886 ug/l

RT: 8.102 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

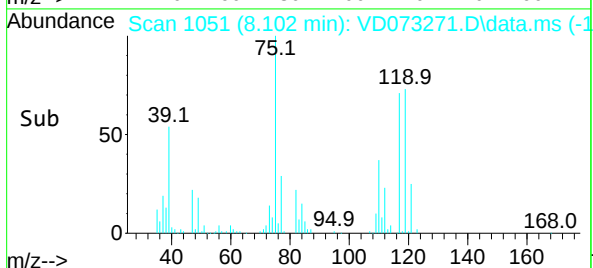
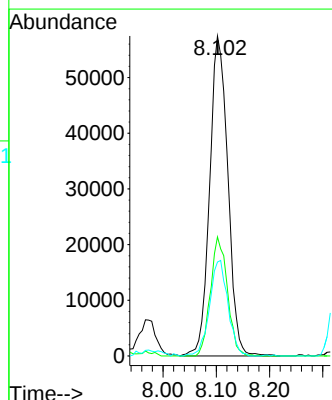
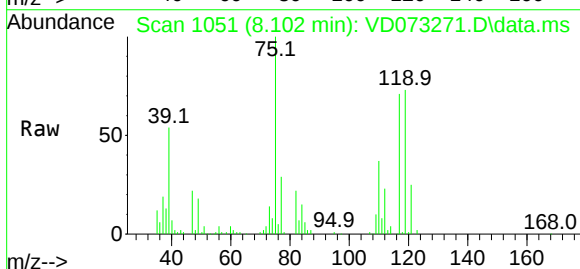
Tgt Ion: 75 Resp: 136350

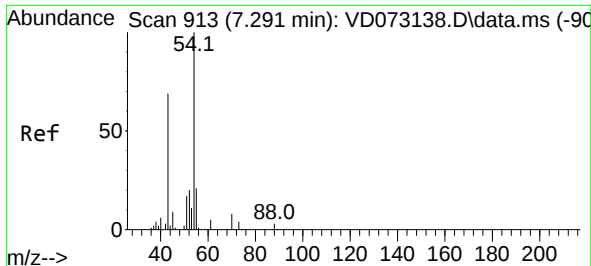
Ion Ratio Lower Upper

75 100

110 34.7 16.4 49.1

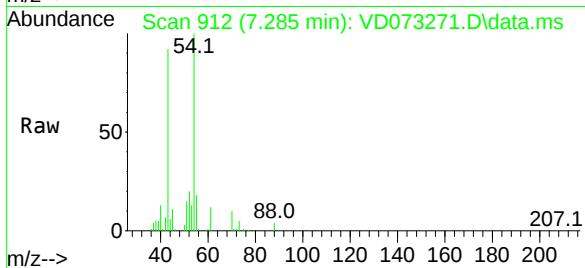
77 30.2 24.2 36.2



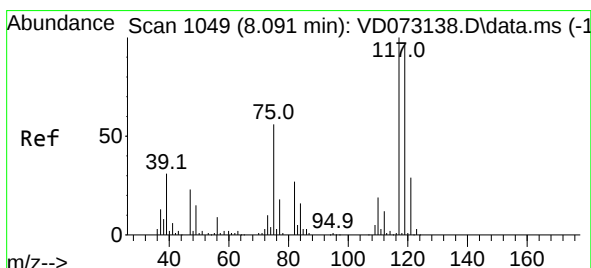
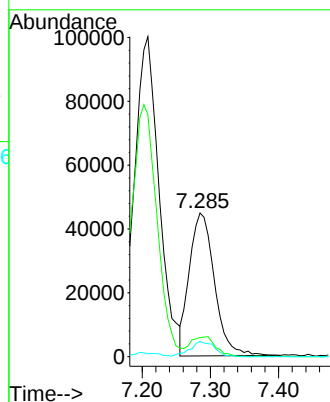
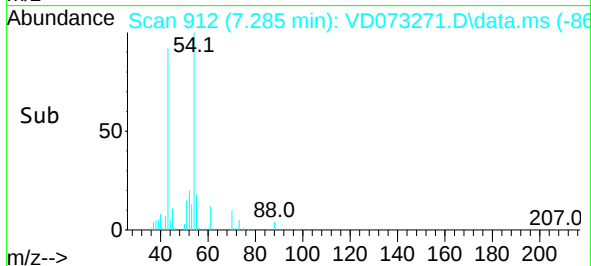


#37
Ethyl Acetate
Concen: 76.091 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

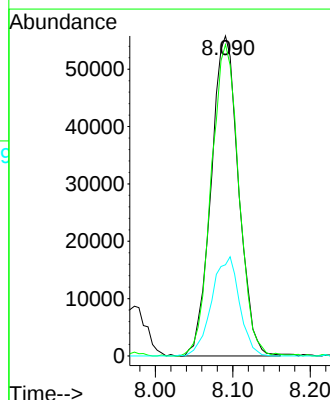
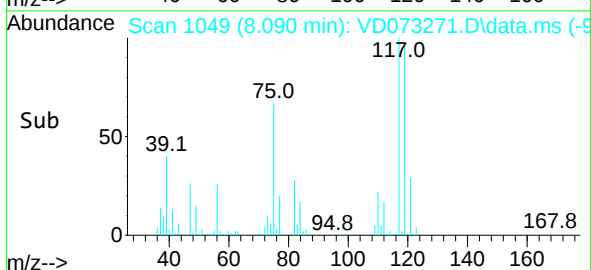
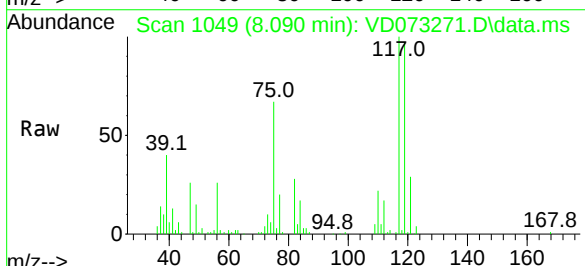


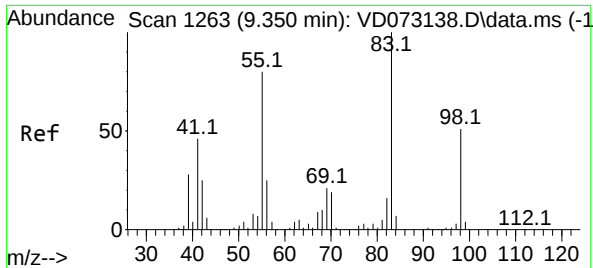
Tgt Ion: 43 Resp: 114197
Ion Ratio Lower Upper
43 100
61 13.9 9.8 14.8
70 10.5 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 35.575 ug/l
RT: 8.090 min Scan# 1049
Delta R.T. -0.001 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 117 Resp: 137015
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.6
121 28.5 24.5 36.7





#39

Methylcyclohexane

Concen: 26.231 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

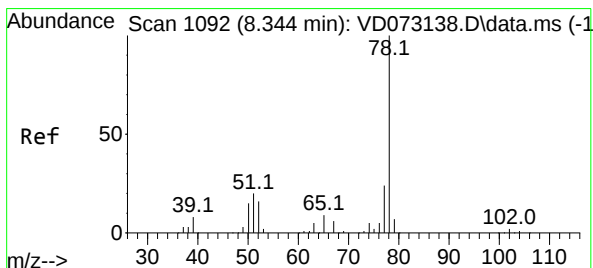
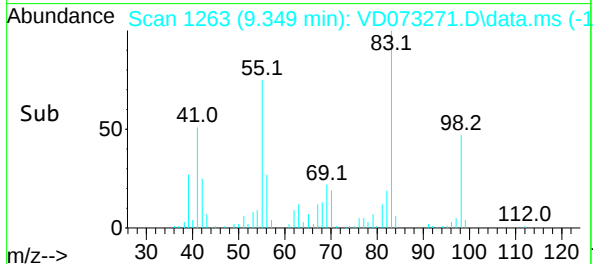
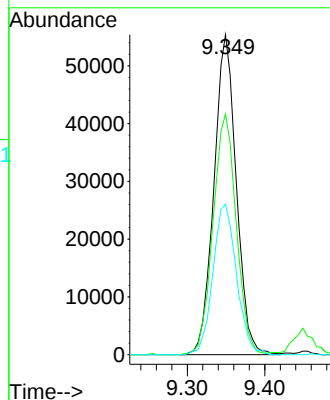
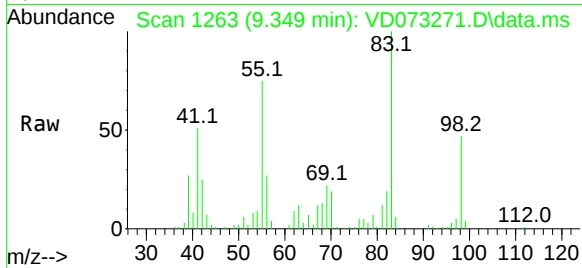
Tgt Ion: 83 Resp: 111074

Ion Ratio Lower Upper

83 100

55 75.2 63.2 94.8

98 47.1 38.2 57.4



#40

Benzene

Concen: 48.770 ug/l

RT: 8.343 min Scan# 1092

Delta R.T. -0.001 min

Lab File: VD073271.D

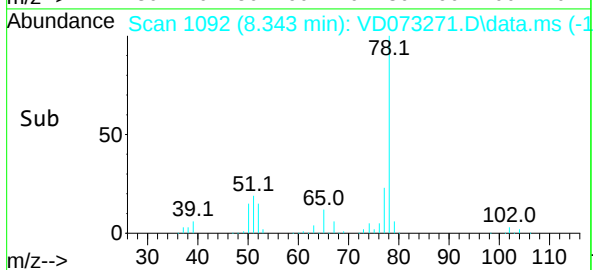
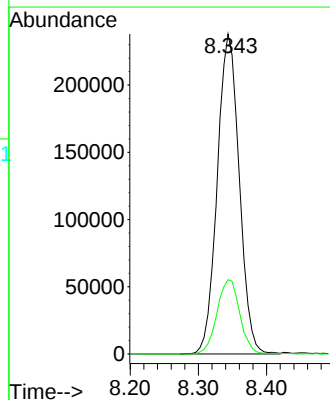
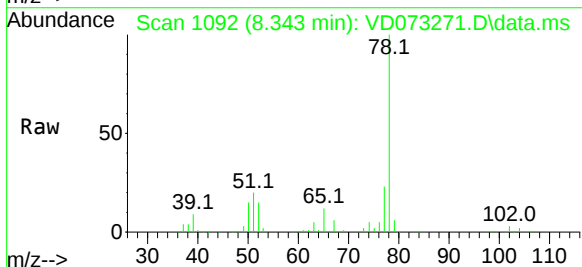
Acq: 22 May 2022 12:51

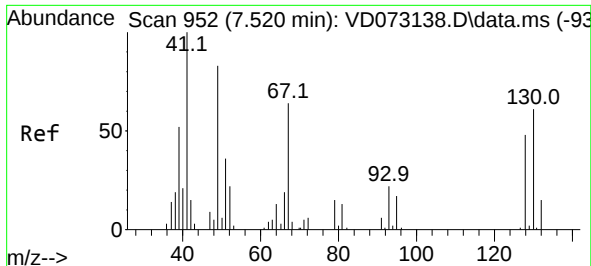
Tgt Ion: 78 Resp: 534042

Ion Ratio Lower Upper

78 100

77 23.2 19.1 28.7

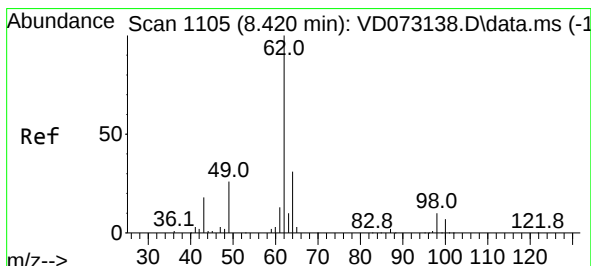
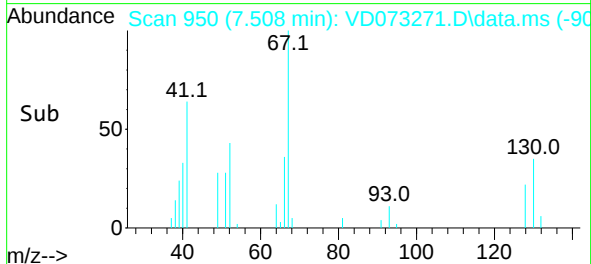
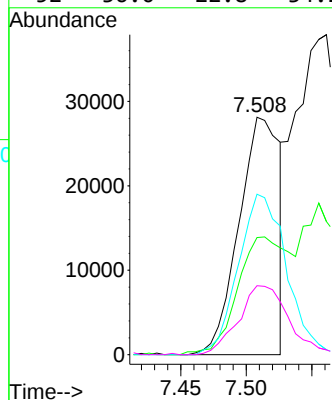
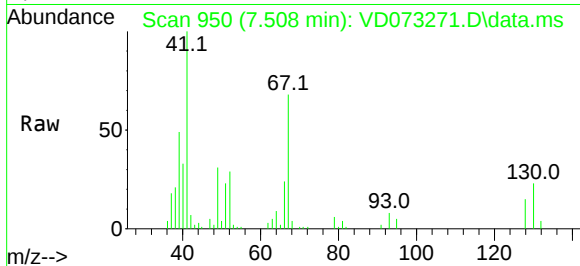




#41
Methacrylonitrile
Concen: 69.366 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

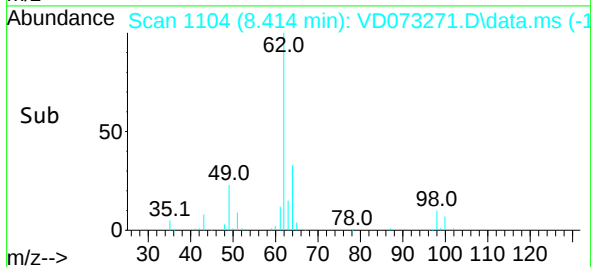
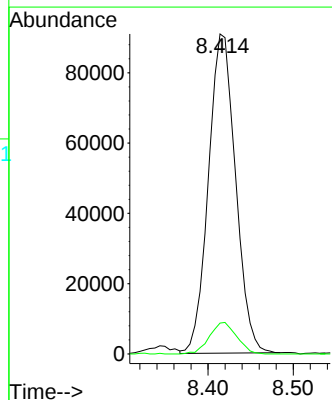
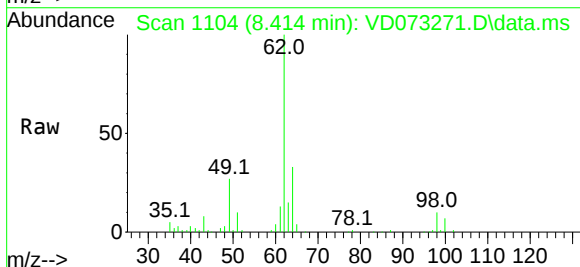
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

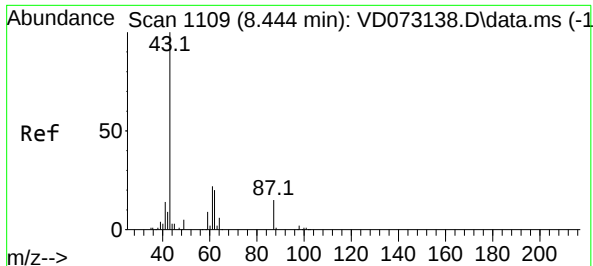
Tgt Ion:	41	Resp:	60654
Ion	Ratio	Lower	Upper
41	100		
39	65.7	44.6	67.0
67	80.7	48.2	72.4#
52	36.0	22.8	34.2#



#42
1,2-Dichloroethane
Concen: 66.010 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion:	62	Resp:	201125
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	17.6

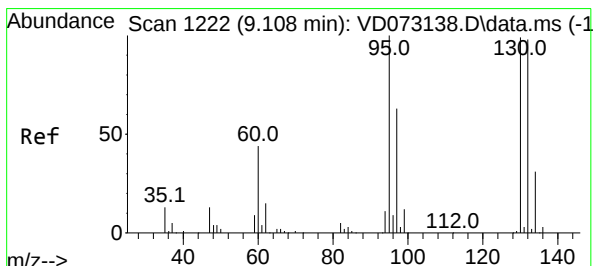
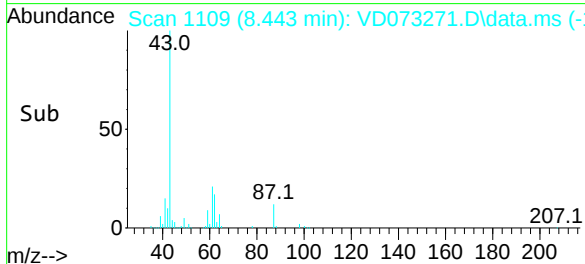
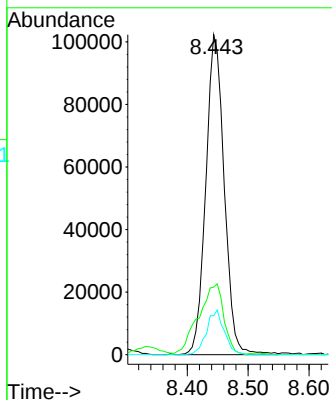
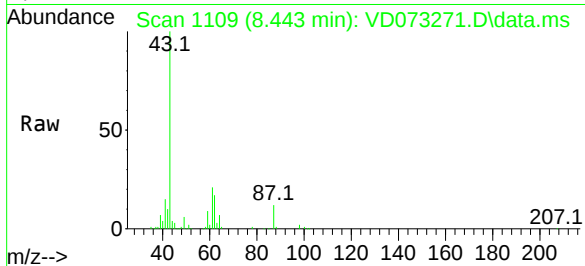




#43
Isopropyl Acetate
Concen: 77.593 ug/l
RT: 8.443 min Scan# 1109
Delta R.T. -0.001 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

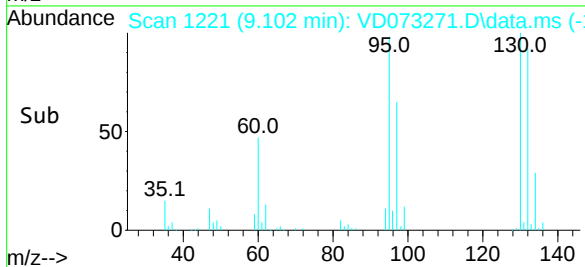
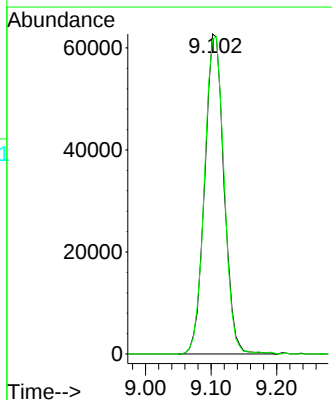
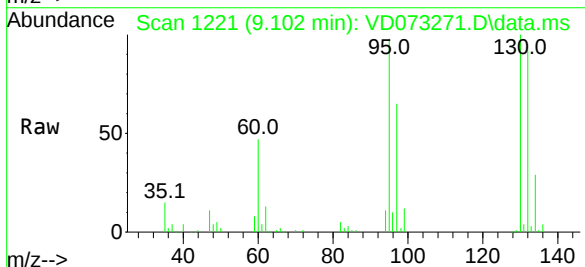
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

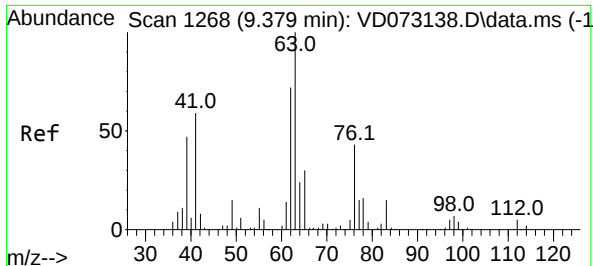
Tgt Ion: 43 Resp: 215245
Ion Ratio Lower Upper
43 100
61 29.9 22.4 33.6
87 13.3 8.7 13.1#



#44
Trichloroethene
Concen: 44.009 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion:130 Resp: 128508
Ion Ratio Lower Upper
130 100
95 98.3 0.0 205.4





#45

1,2-Dichloropropane

Concen: 58.166 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

Instrument :

MSVOA_D

ClientSampleId :

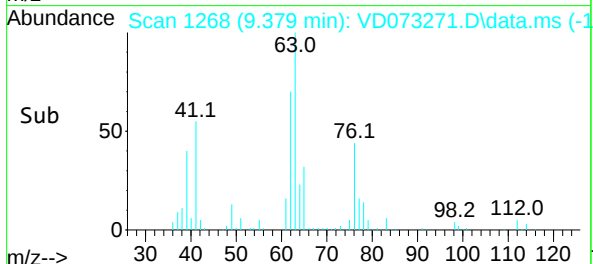
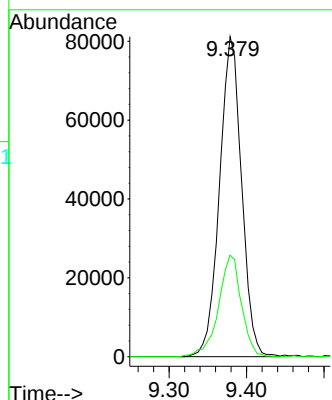
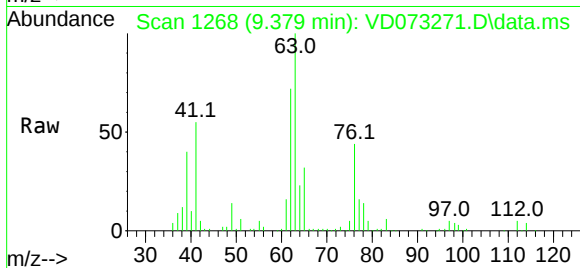
VSTDCCC050EC

Tgt Ion: 63 Resp: 160404

Ion Ratio Lower Upper

63 100

65 31.8 26.2 39.4



#46

Dibromomethane

Concen: 67.915 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

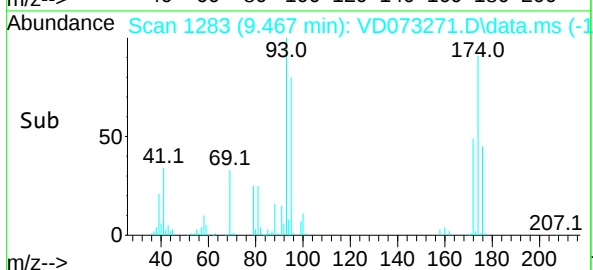
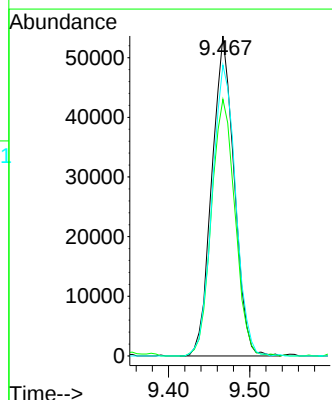
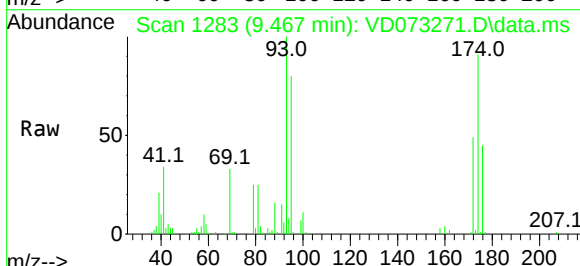
Tgt Ion: 93 Resp: 102863

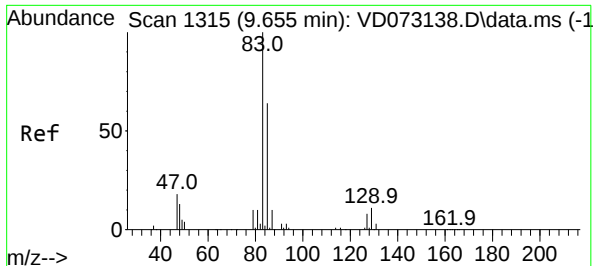
Ion Ratio Lower Upper

93 100

95 84.2 66.7 100.1

174 95.0 71.6 107.4

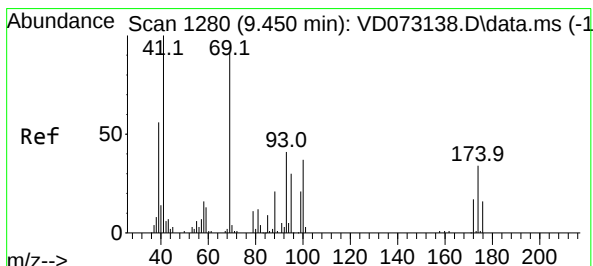
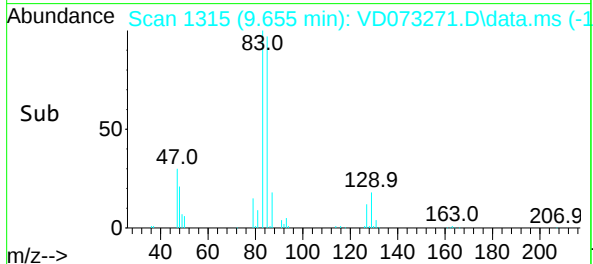
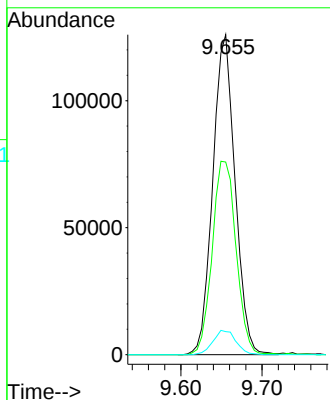
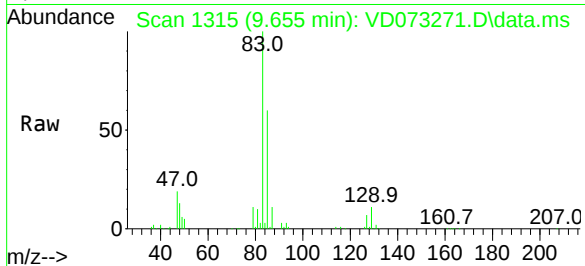




#47
Bromodichloromethane
Concen: 62.060 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

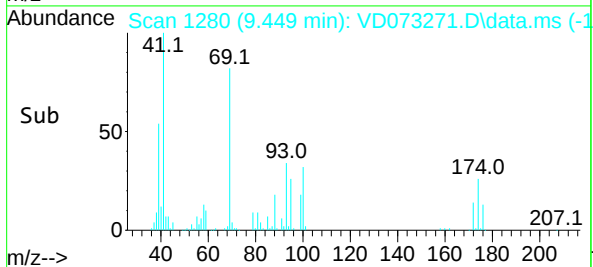
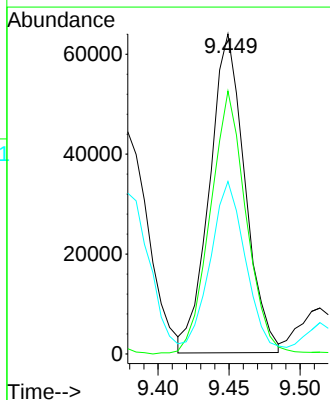
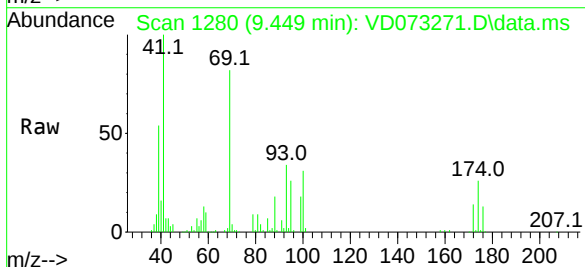
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

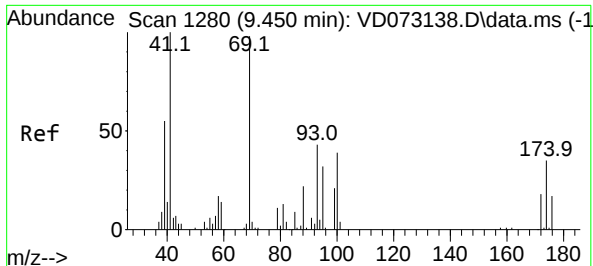
Tgt Ion: 83 Resp: 240505
Ion Ratio Lower Upper
83 100
85 60.2 51.4 77.0
127 7.2 6.1 9.1



#48
Methyl methacrylate
Concen: 79.436 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 41 Resp: 110864
Ion Ratio Lower Upper
41 100
69 84.1 56.7 85.1
39 54.9 42.7 64.1

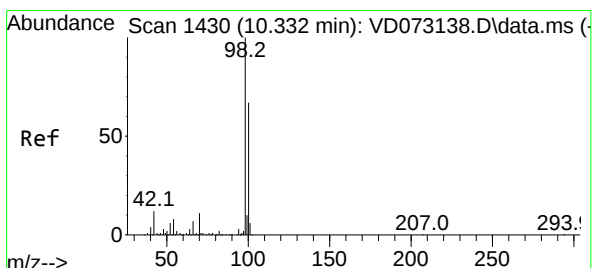
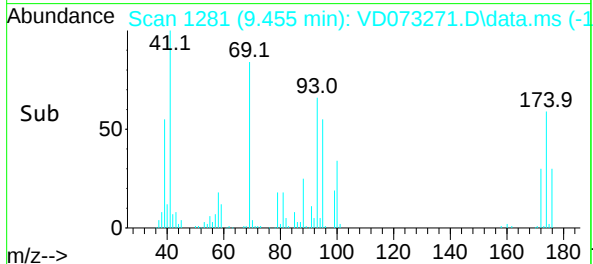
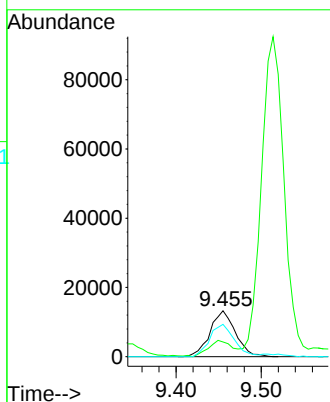
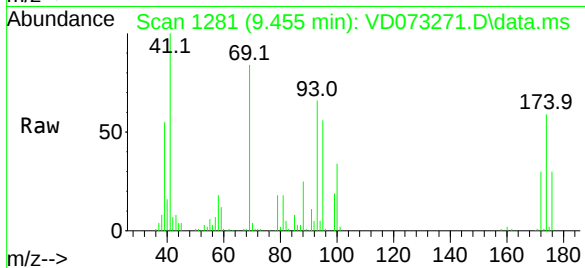




#49
1,4-Dioxane
Concen: 1757.676 ug/l
RT: 9.455 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

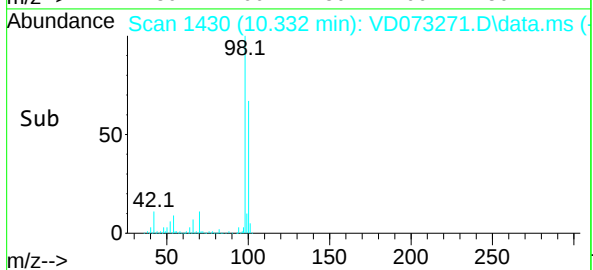
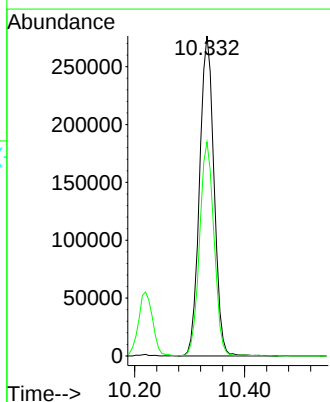
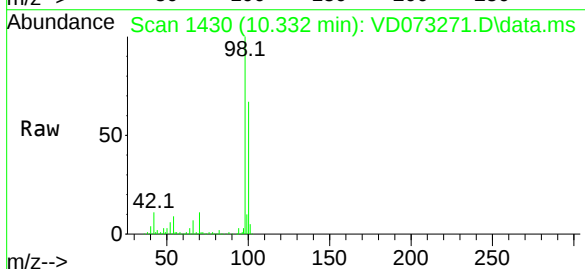
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 27492
Ion Ratio Lower Upper
88 100
43 30.9 31.0 46.4#
58 68.2 58.1 87.1



#50
Toluene-d8
Concen: 54.203 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 98 Resp: 504774
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

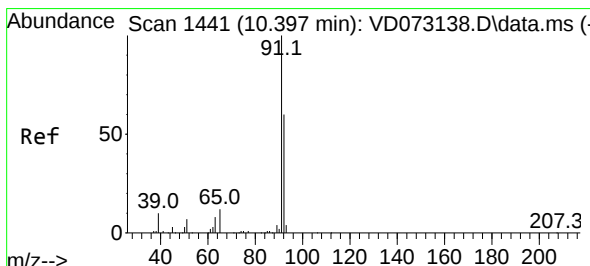
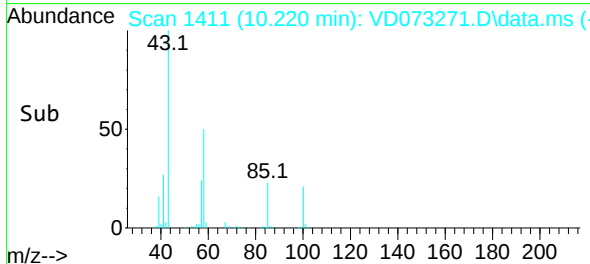
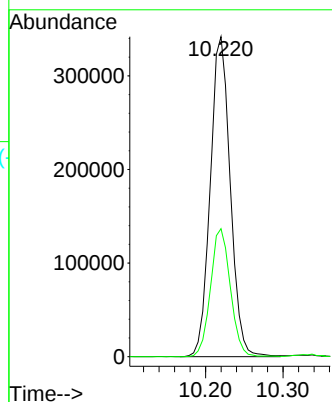
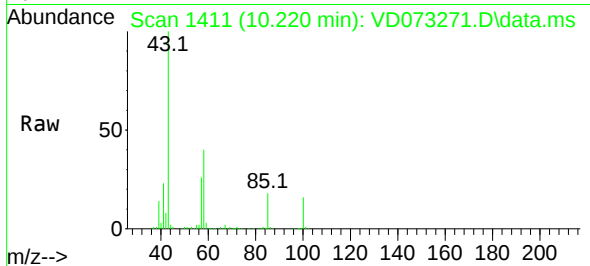




#51
4-Methyl-2-Pentanone
Concen: 425.016 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

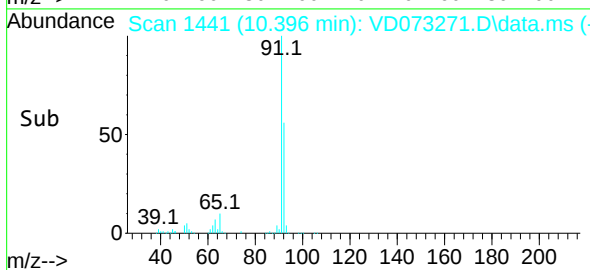
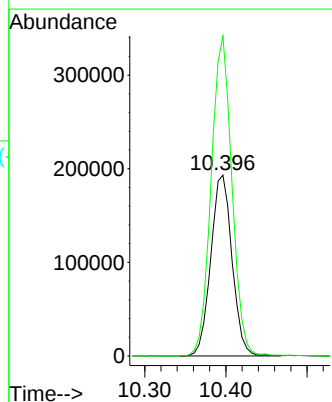
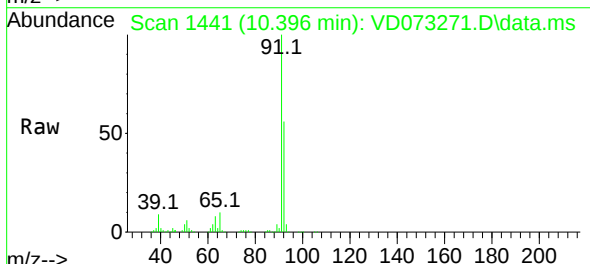
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

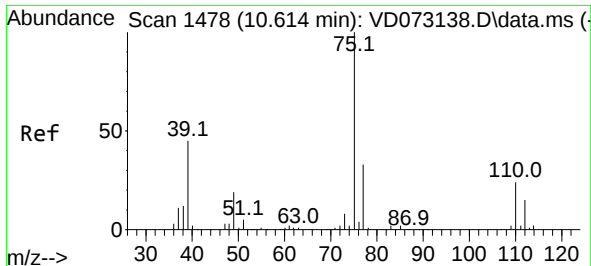
Tgt Ion: 43 Resp: 612349
Ion Ratio Lower Upper
43 100
58 39.8 28.6 43.0



#52
Toluene
Concen: 50.694 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 92 Resp: 350785
Ion Ratio Lower Upper
92 100
91 173.2 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 61.534 ug/l

RT: 10.608 min Scan# 1478

Delta R.T. -0.006 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

Instrument :

MSVOA_D

ClientSampleId :

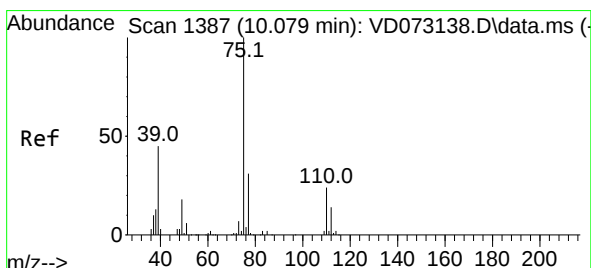
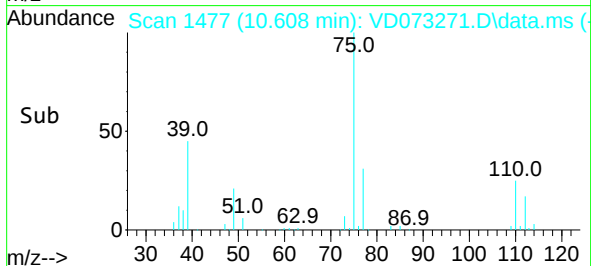
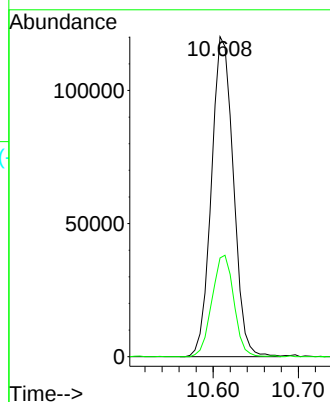
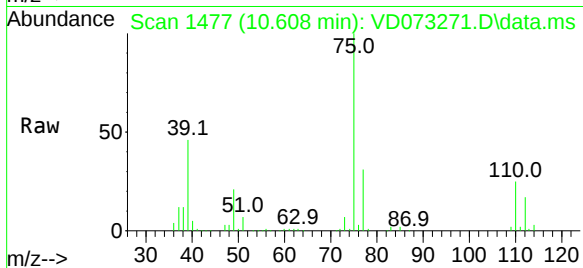
VSTDCCC050EC

Tgt Ion: 75 Resp: 215434

Ion Ratio Lower Upper

75 100

77 30.9 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 57.693 ug/l

RT: 10.079 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

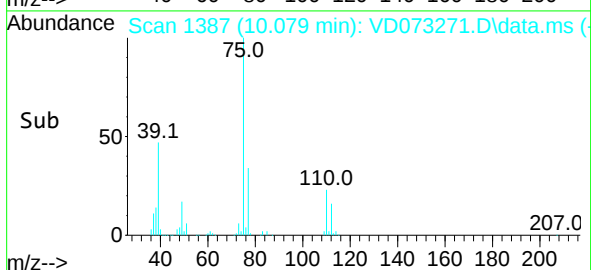
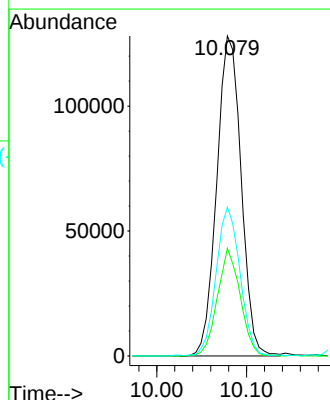
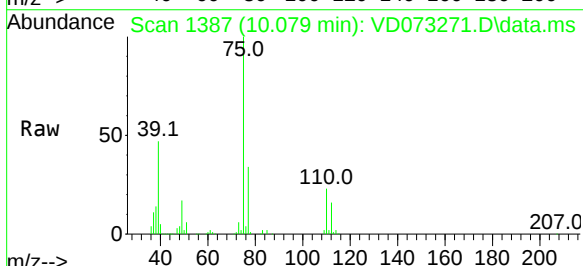
Tgt Ion: 75 Resp: 241717

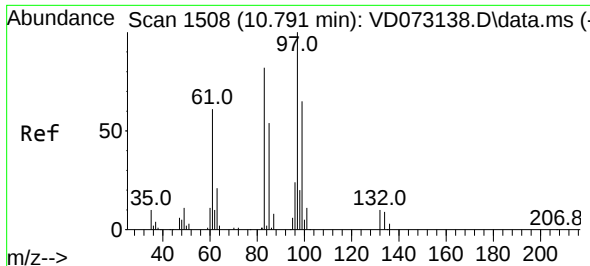
Ion Ratio Lower Upper

75 100

77 33.7 24.8 37.2

39 46.2 46.8 70.2#

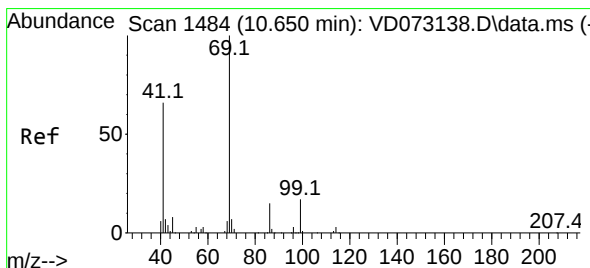
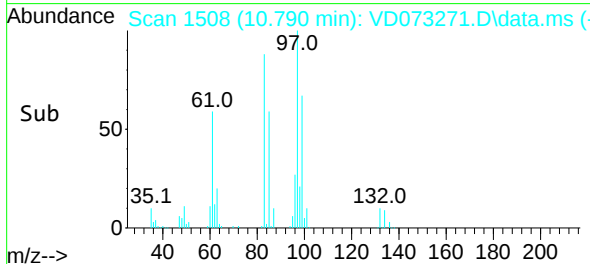
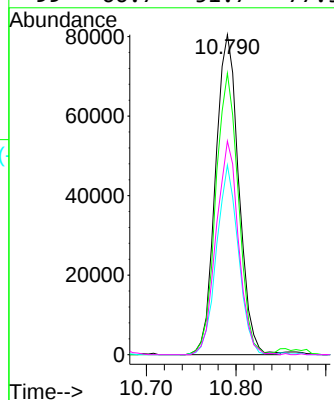
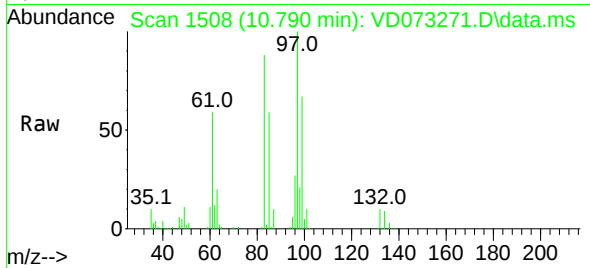




#55
1,1,2-Trichloroethane
Concen: 70.733 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.001 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

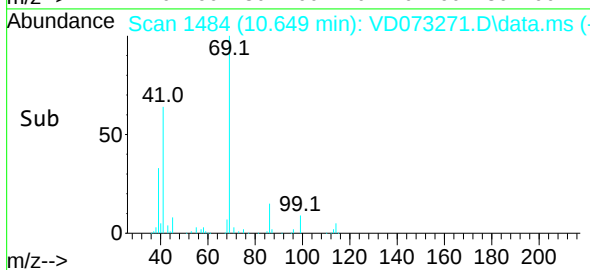
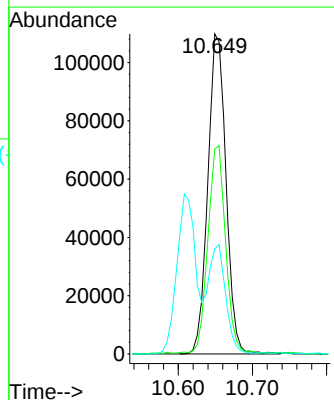
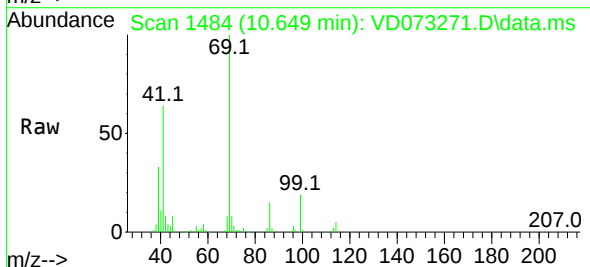
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

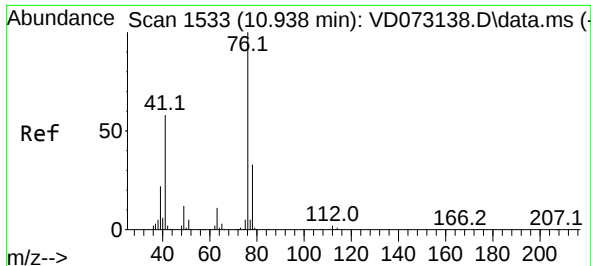
Tgt Ion: 97	Resp: 144870
Ion Ratio	Lower Upper
97 100	
83 88.0	69.0 103.4
85 59.3	42.6 63.8
99 66.7	51.7 77.5



#56
Ethyl methacrylate
Concen: 82.232 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.001 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 69	Resp: 187256
Ion Ratio	Lower Upper
69 100	
41 63.0	63.0 94.6#
39 32.6	33.8 50.8#





#57

1,3-Dichloropropane

Concen: 71.984 ug/l

RT: 10.937 min Scan# 1533

Delta R.T. -0.001 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

Instrument :

MSVOA_D

ClientSampleId :

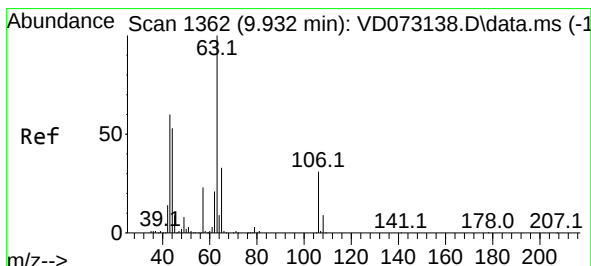
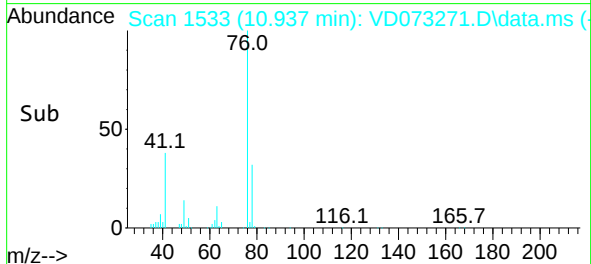
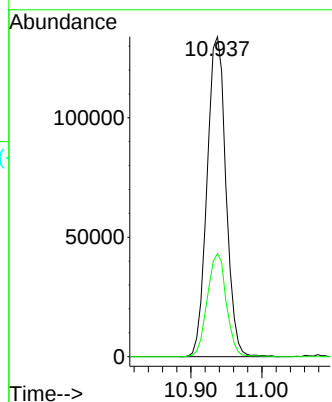
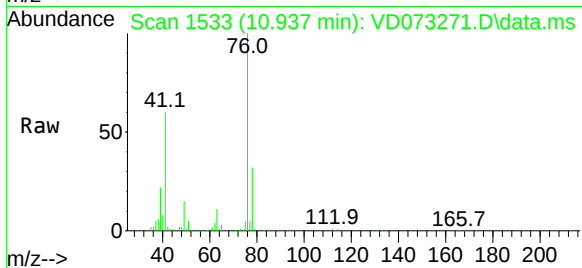
VSTDCCC050EC

Tgt Ion: 76 Resp: 247378

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 359.496 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073271.D

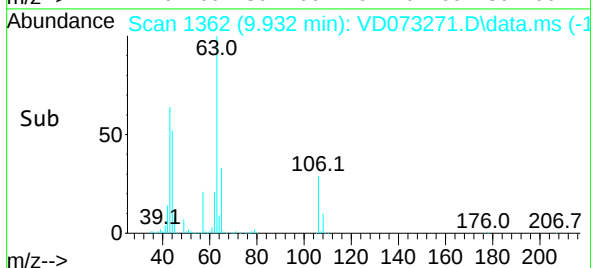
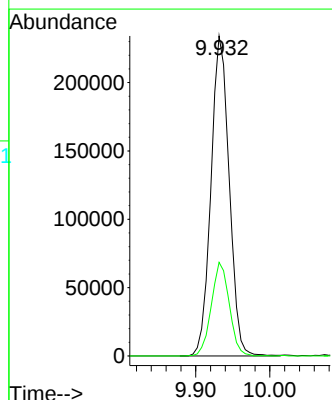
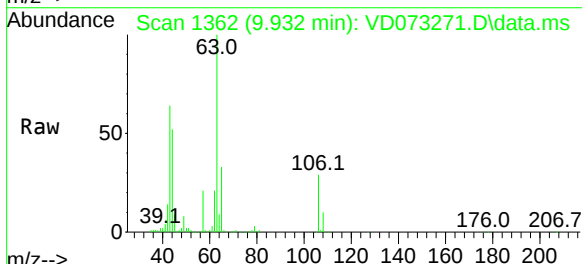
Acq: 22 May 2022 12:51

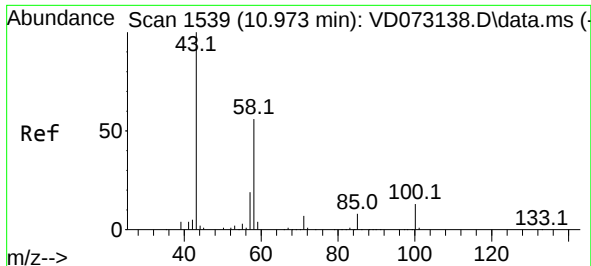
Tgt Ion: 63 Resp: 400152

Ion Ratio Lower Upper

63 100

106 28.8 21.4 32.0

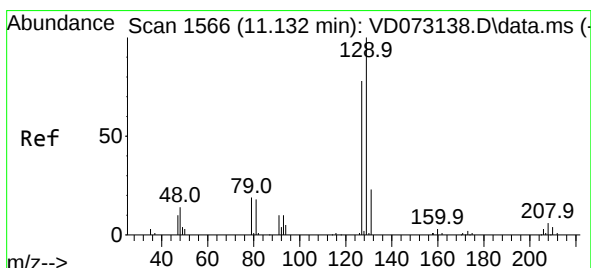
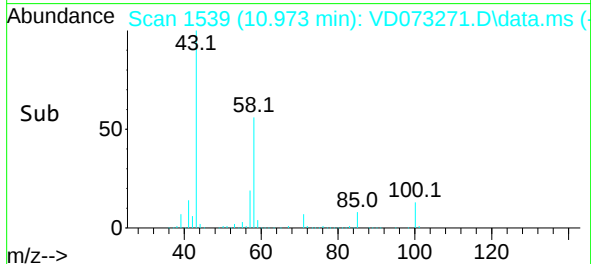
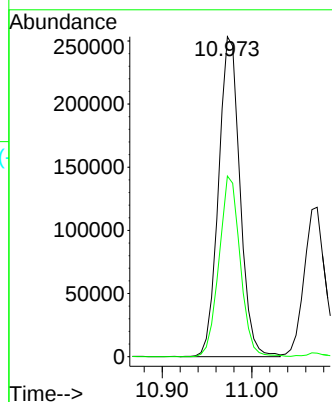
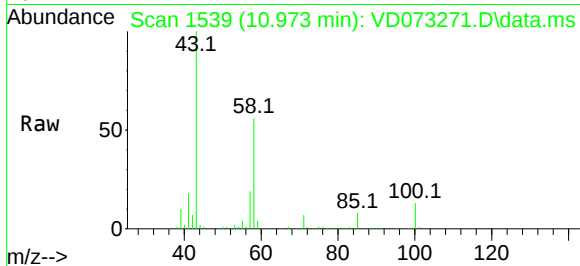




#59
2-Hexanone
Concen: 441.993 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

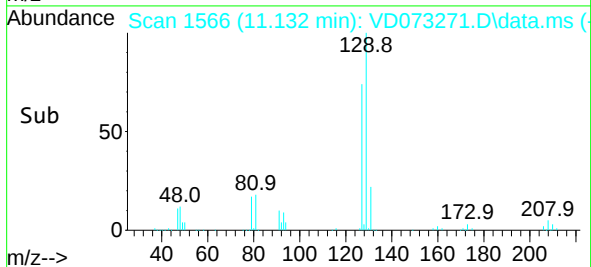
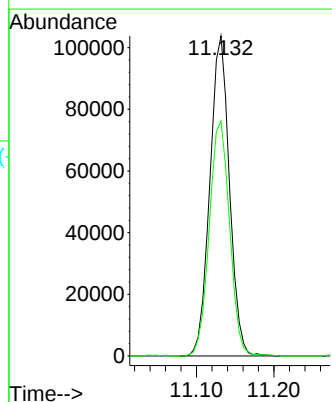
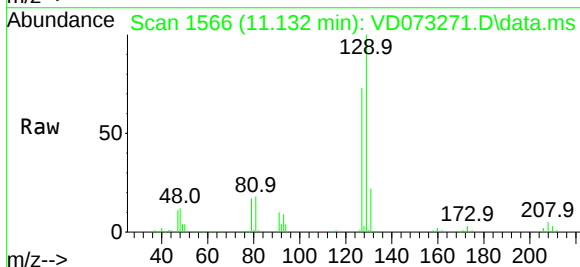
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

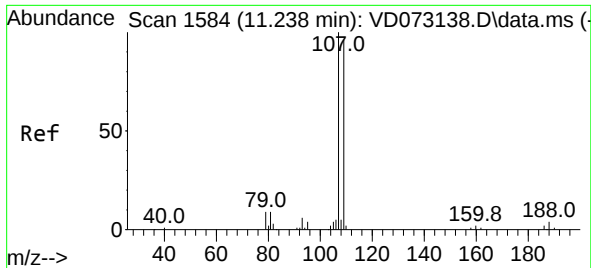
Tgt Ion: 43 Resp: 419839
Ion Ratio Lower Upper
43 100
58 55.7 25.3 75.9



#60
Dibromochloromethane
Concen: 71.187 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 129 Resp: 181801
Ion Ratio Lower Upper
129 100
127 76.3 39.2 117.6

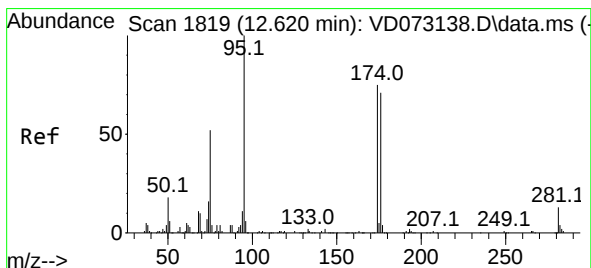
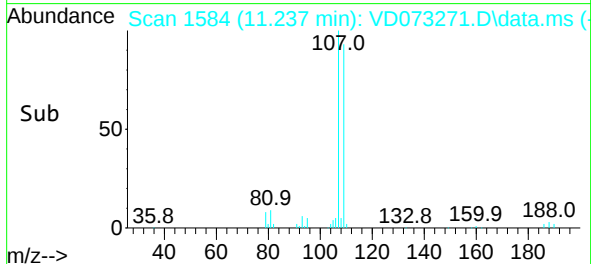
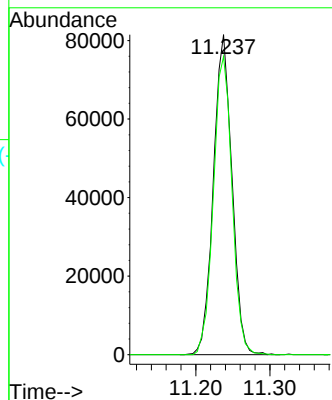
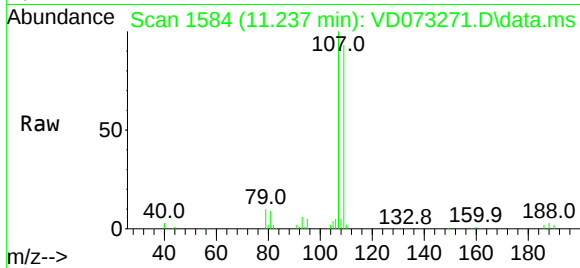




#61
1,2-Dibromoethane
Concen: 72.410 ug/l
RT: 11.237 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

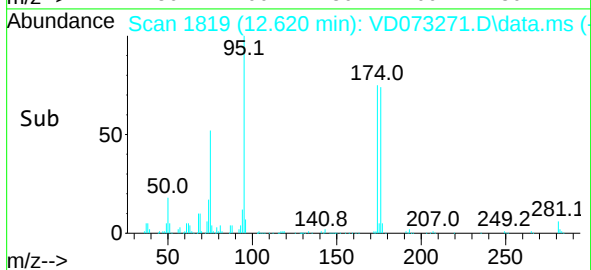
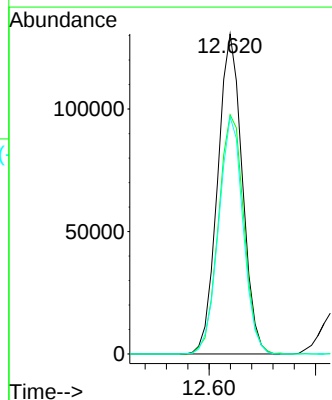
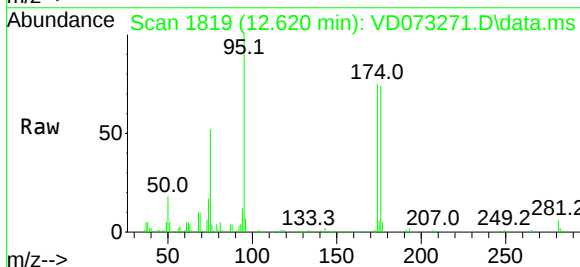
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

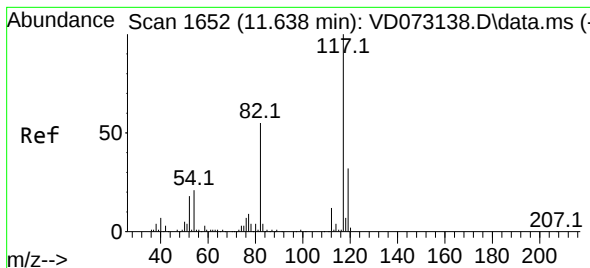
Tgt Ion:107 Resp: 141715
Ion Ratio Lower Upper
107 100
109 93.6 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 64.024 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 95 Resp: 209242
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 73.5 0.0 145.4

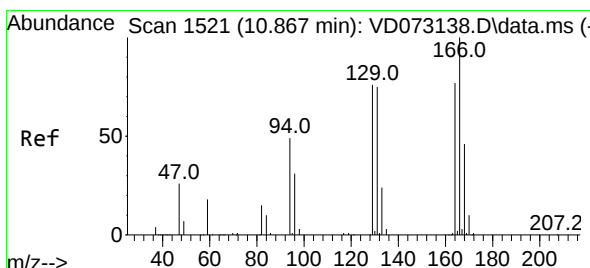
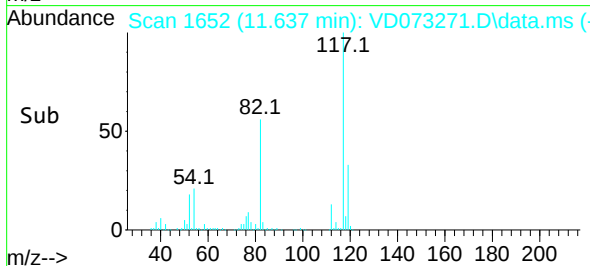
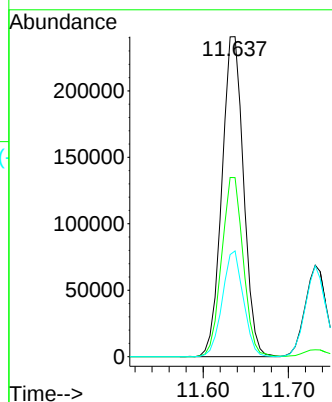
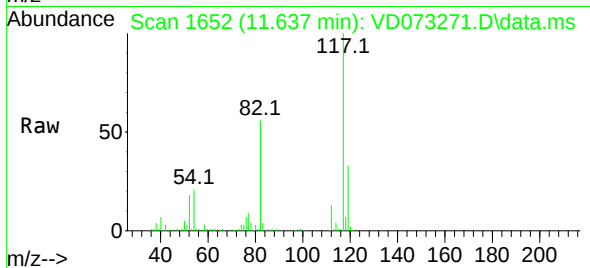




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

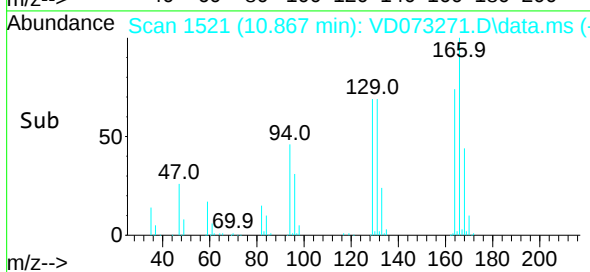
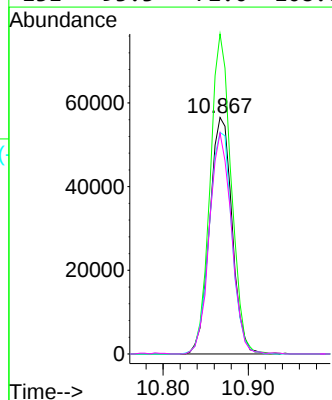
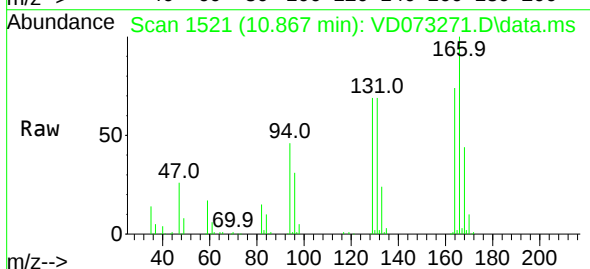
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

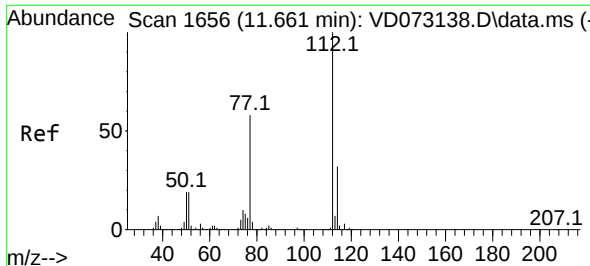
Tgt Ion:117 Resp: 425941
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 33.0 26.6 40.0



#64
Tetrachloroethene
Concen: 37.088 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion:164 Resp: 103469
Ion Ratio Lower Upper
164 100
166 135.3 98.5 147.7
129 93.7 74.6 111.8
131 93.3 72.0 108.0

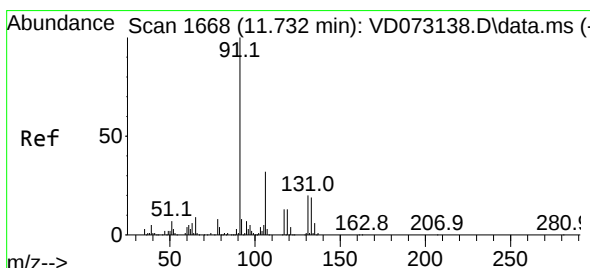
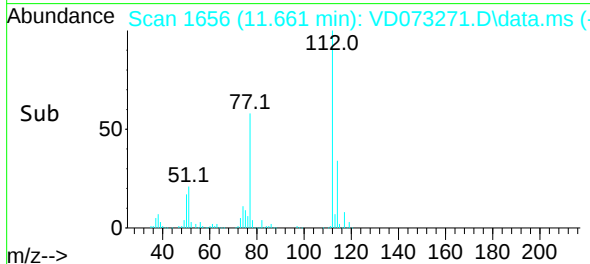
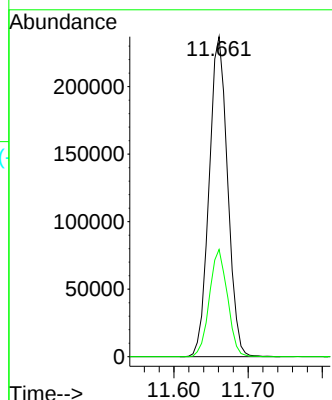
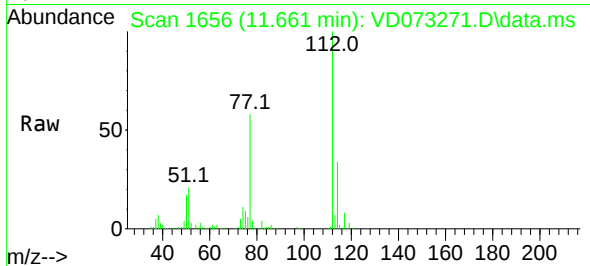




#65
Chlorobenzene
Concen: 46.927 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

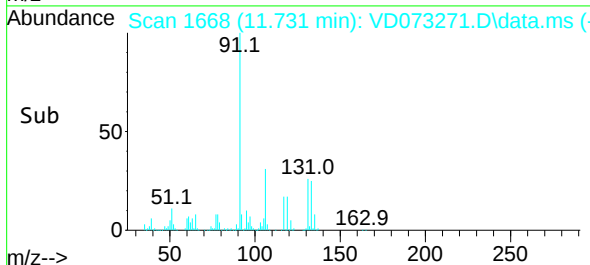
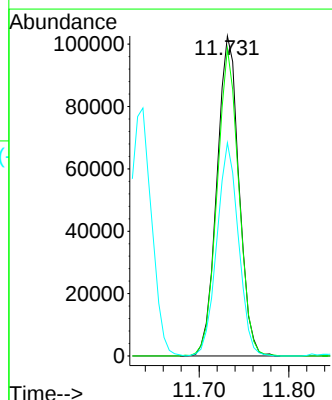
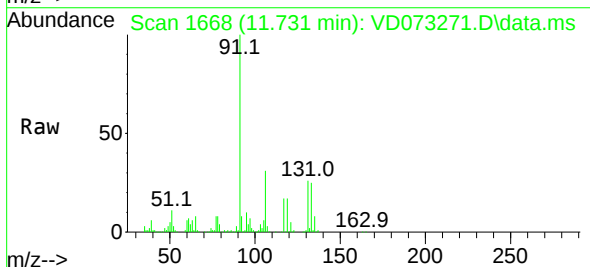
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

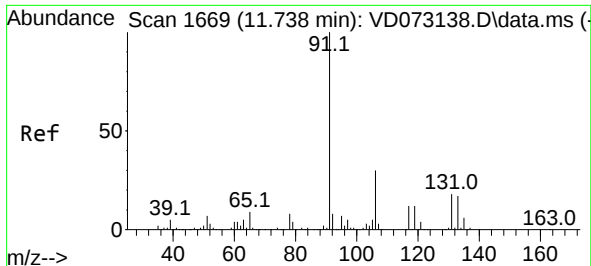
Tgt Ion:112 Resp: 410049
Ion Ratio Lower Upper
112 100
114 33.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.952 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.001 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion:131 Resp: 174841
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.3
119 65.4 31.9 95.9





#67

Ethyl Benzene

Concen: 42.419 ug/l

RT: 11.737 min Scan# 1669

Delta R.T. -0.001 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

Instrument :

MSVOA_D

ClientSampleId :

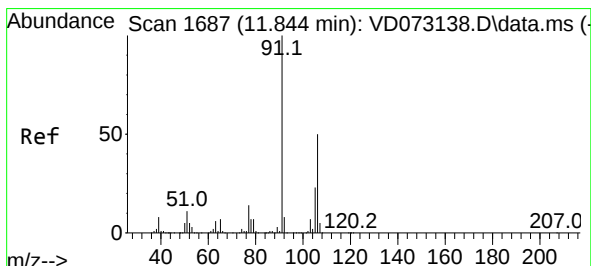
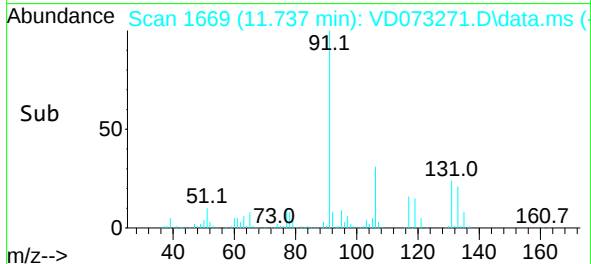
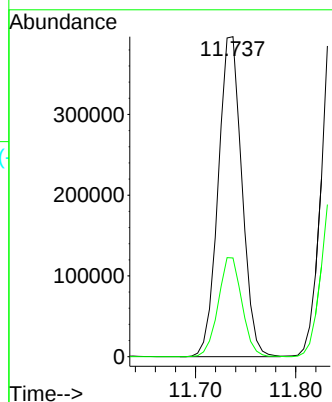
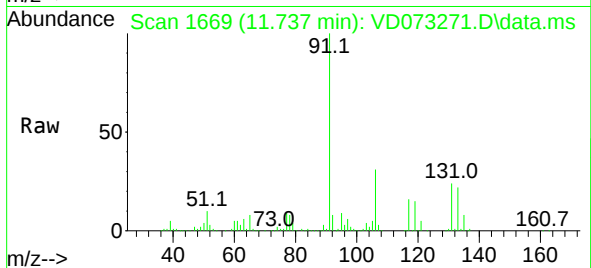
VSTDCCC050EC

Tgt Ion: 91 Resp: 650690

Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.4



#68

m/p-Xylenes

Concen: 87.055 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.001 min

Lab File: VD073271.D

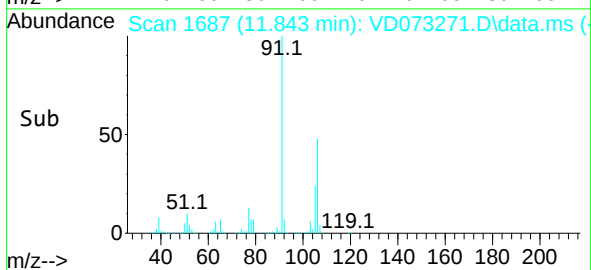
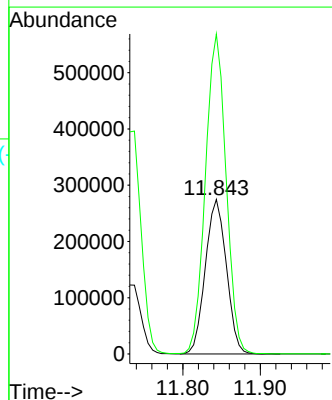
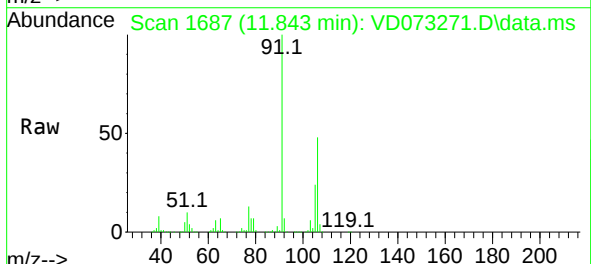
Acq: 22 May 2022 12:51

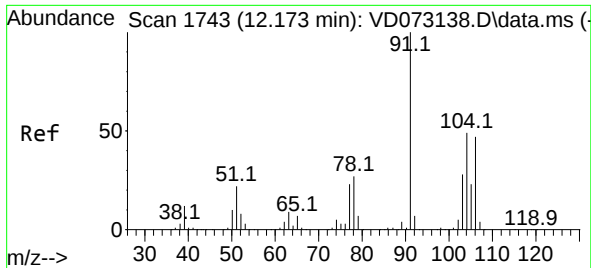
Tgt Ion: 106 Resp: 518811

Ion Ratio Lower Upper

106 100

91 203.1 163.7 245.5

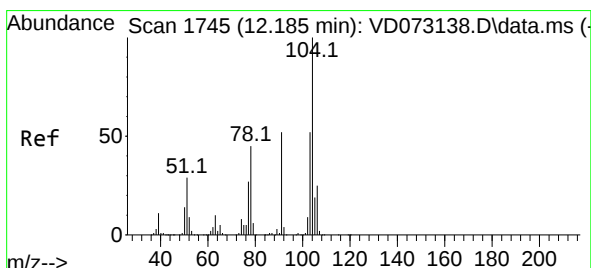
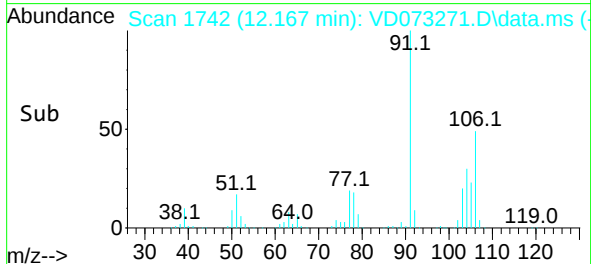
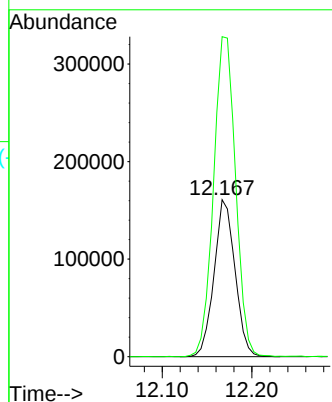
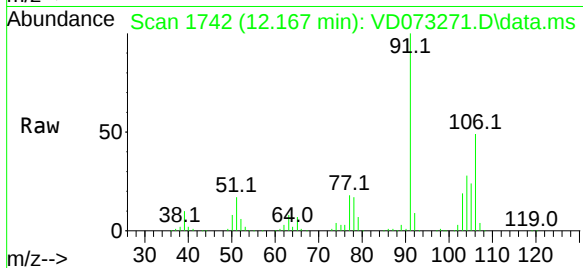




#69
o-Xylene
Concen: 47.596 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

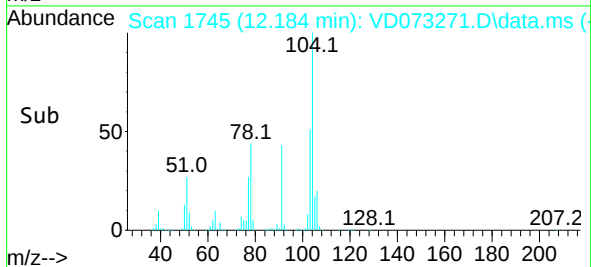
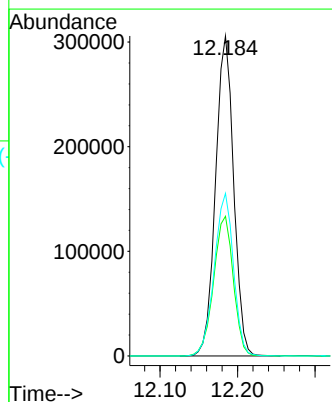
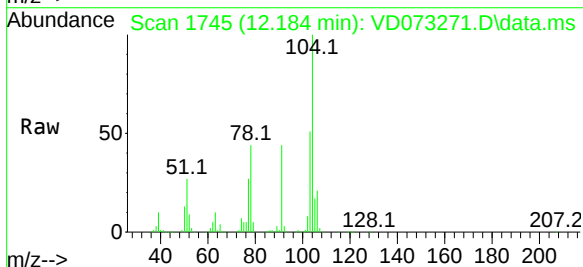
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

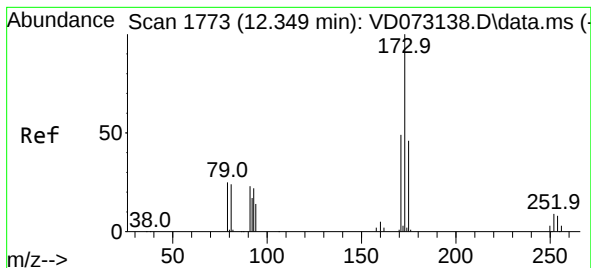
Tgt Ion:106 Resp: 260575
Ion Ratio Lower Upper
106 100
91 214.9 110.4 331.2



#70
Styrene
Concen: 52.659 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.001 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion:104 Resp: 496003
Ion Ratio Lower Upper
104 100
78 47.7 41.8 62.8
103 54.1 44.2 66.4





#71

Bromoform

Concen: 66.633 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

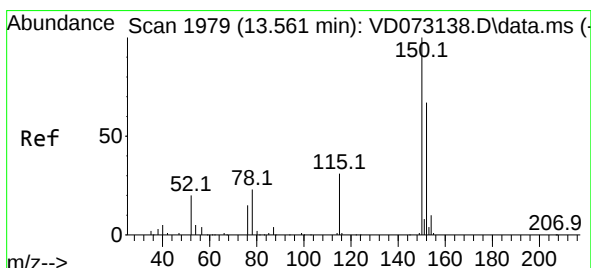
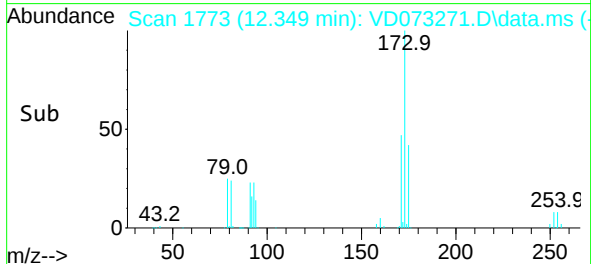
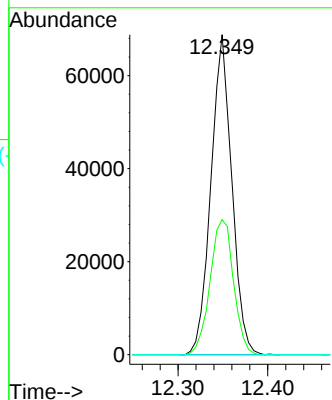
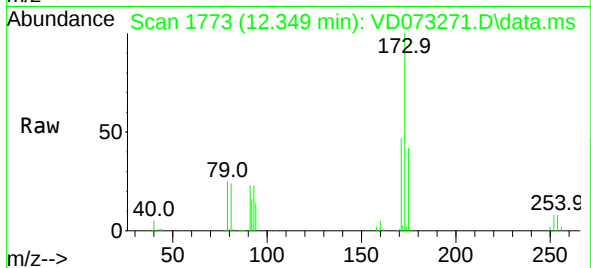
Tgt Ion:173 Resp: 111136

Ion Ratio Lower Upper

173 100

175 47.3 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

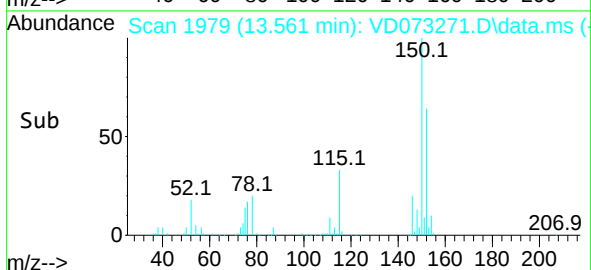
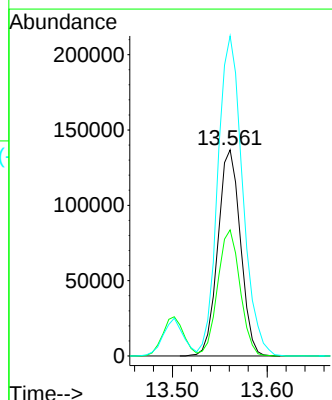
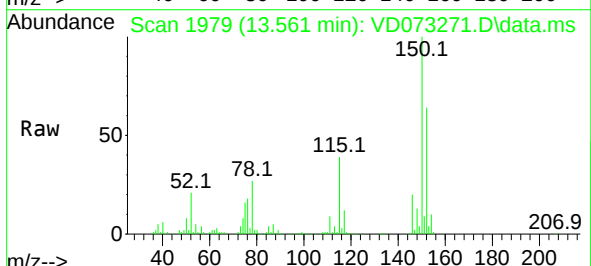
Tgt Ion:152 Resp: 226237

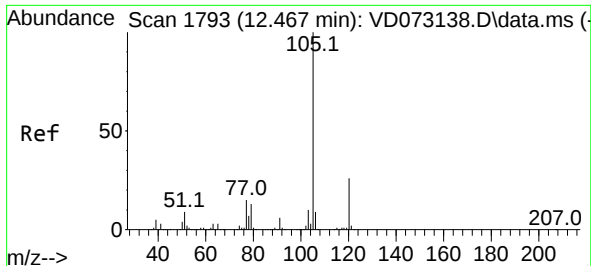
Ion Ratio Lower Upper

152 100

115 60.9 31.3 93.8

150 170.8 0.0 348.6

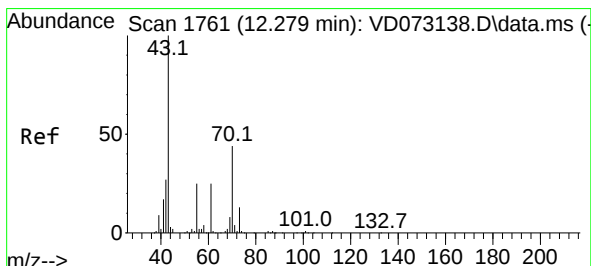
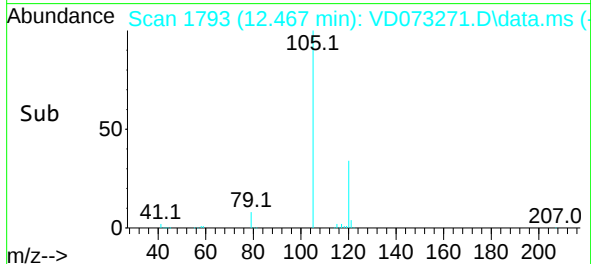
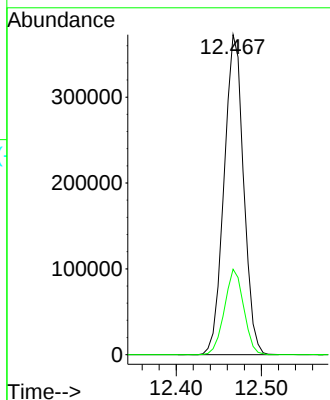
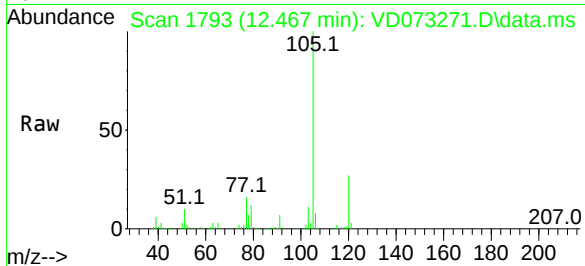




#73
Isopropylbenzene
Concen: 36.829 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

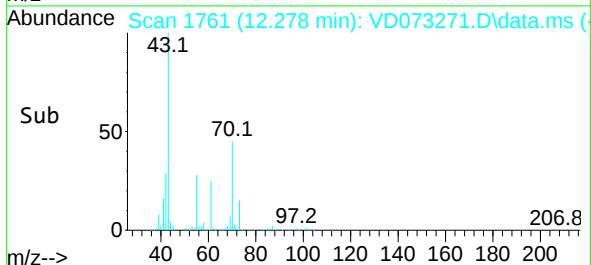
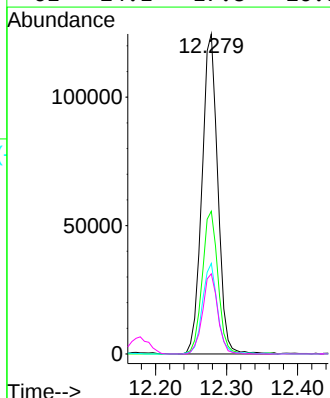
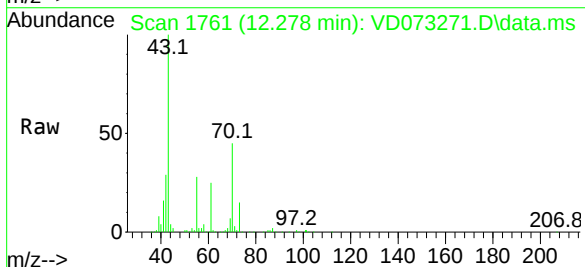
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

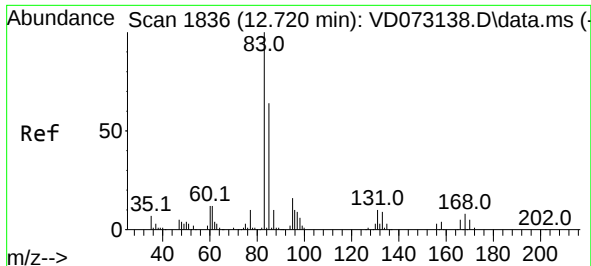
Tgt Ion:105 Resp: 593983
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9



#74
N-ethyl acetate
Concen: 54.987 ug/l
RT: 12.278 min Scan# 1761
Delta R.T. -0.001 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 43 Resp: 193468
Ion Ratio Lower Upper
43 100
70 44.2 31.3 46.9
55 27.0 20.0 30.0
61 24.1 17.8 26.8

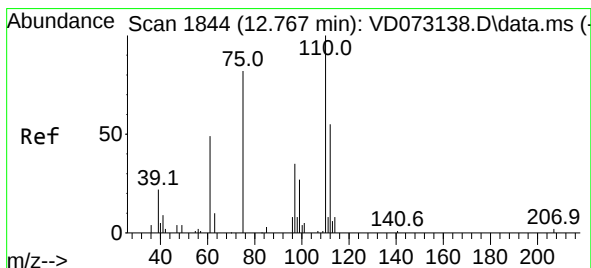
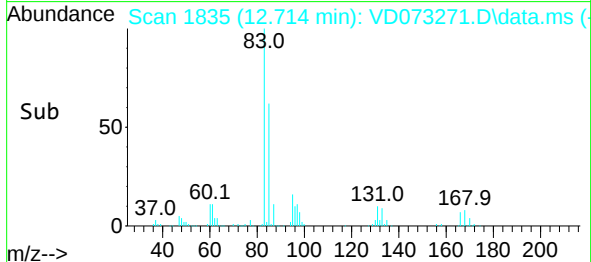
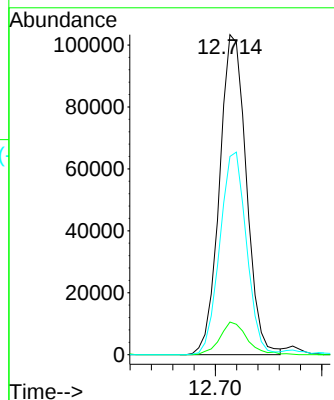
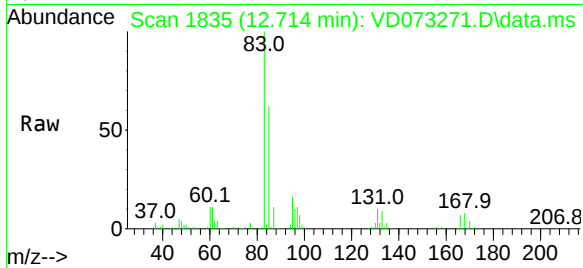




#75
 1,1,2,2-Tetrachloroethane
 Concen: 60.689 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073271.D
 Acq: 22 May 2022 12:51

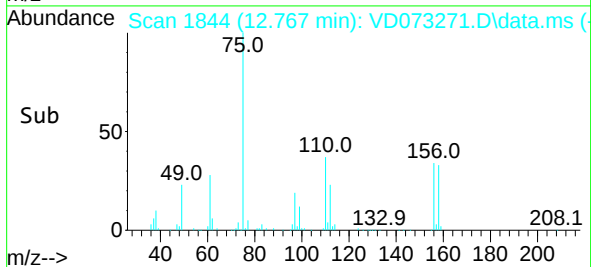
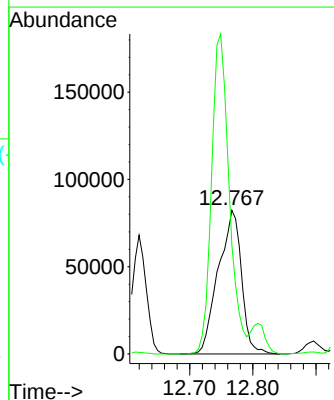
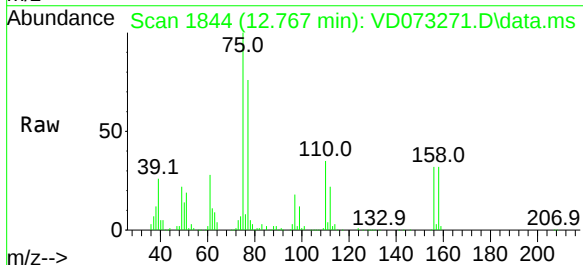
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

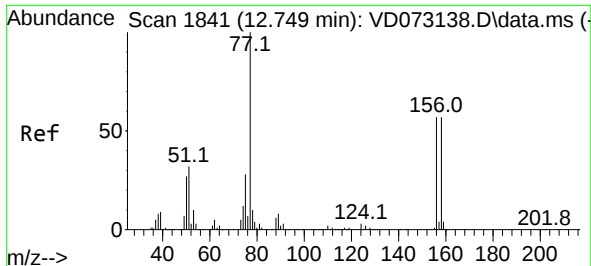
Tgt Ion: 83 Resp: 180522
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.0 14.9
 85 62.7 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 94.696 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VD073271.D
 Acq: 22 May 2022 12:51

Tgt Ion: 75 Resp: 210204
 Ion Ratio Lower Upper
 75 100
 77 169.8 0.0 0.0#

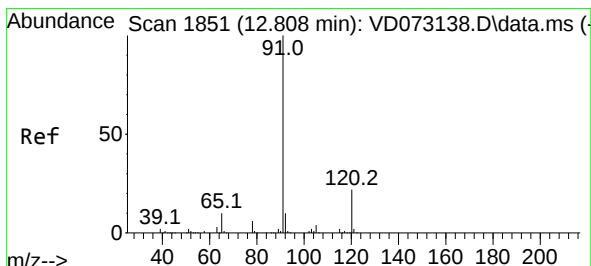
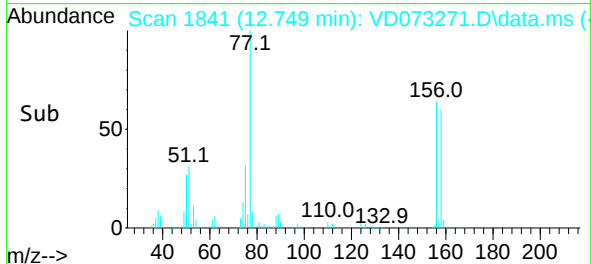
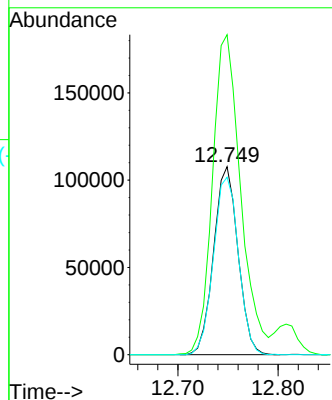
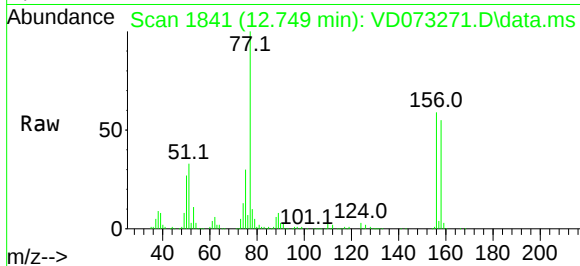




#77
Bromobenzene
Concen: 47.753 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

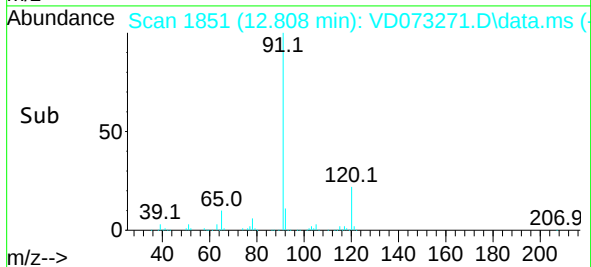
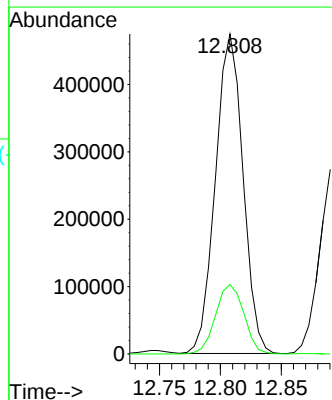
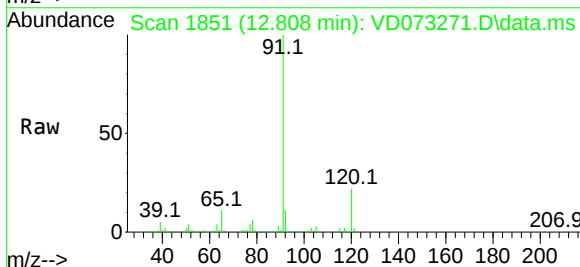
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

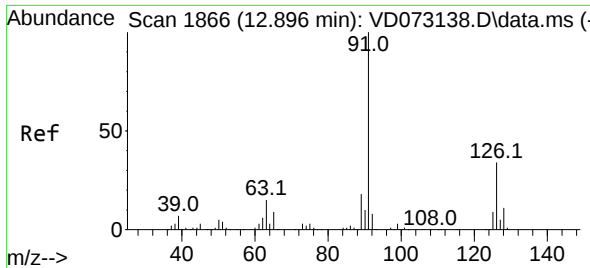
Tgt Ion:156 Resp: 181298
Ion Ratio Lower Upper
156 100
77 196.9 102.8 308.3
158 97.3 48.7 146.1



#78
n-propylbenzene
Concen: 36.914 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 91 Resp: 747435
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9

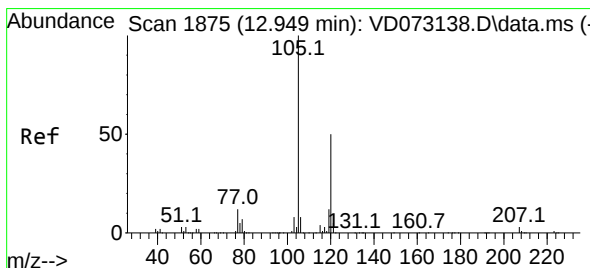
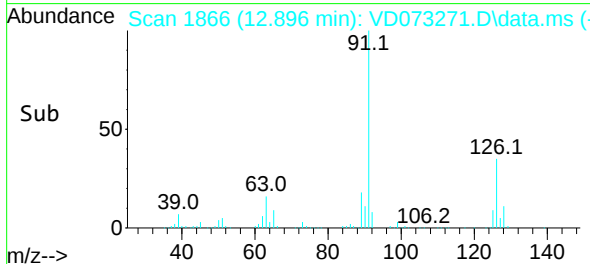
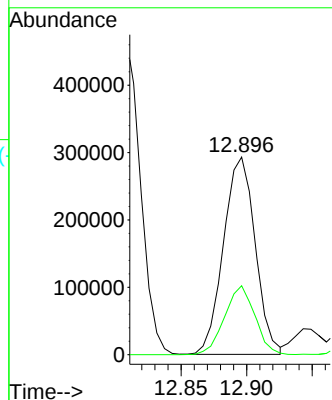
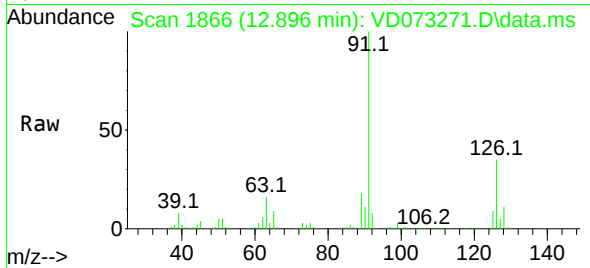




#79
2-Chlorotoluene
Concen: 42.219 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

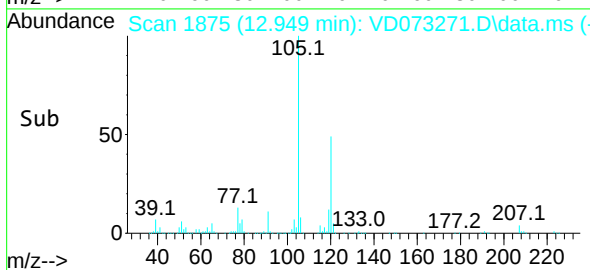
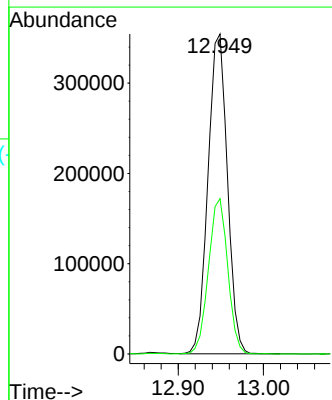
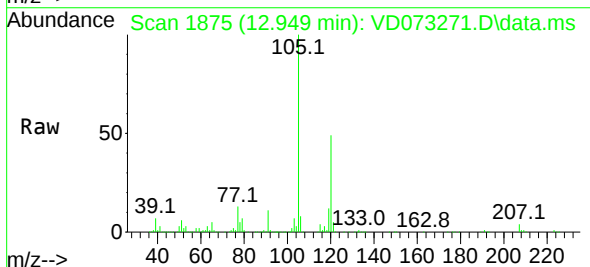
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

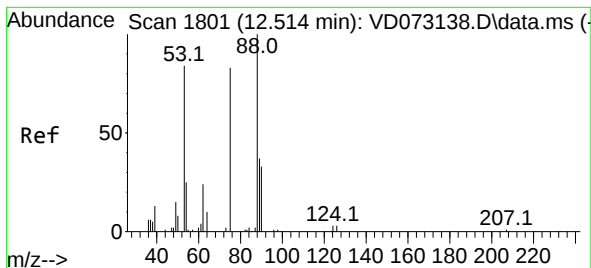
Tgt Ion: 91 Resp: 493571
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 40.906 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 105 Resp: 558869
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8

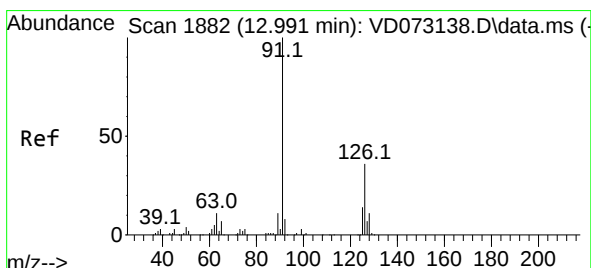
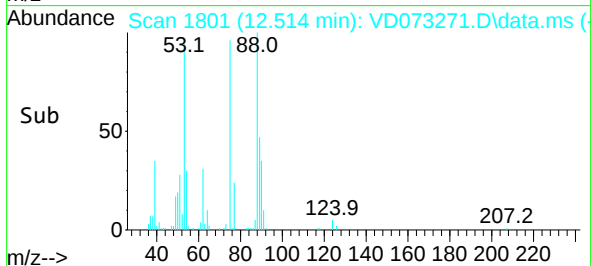
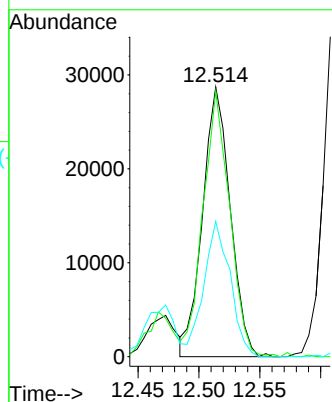
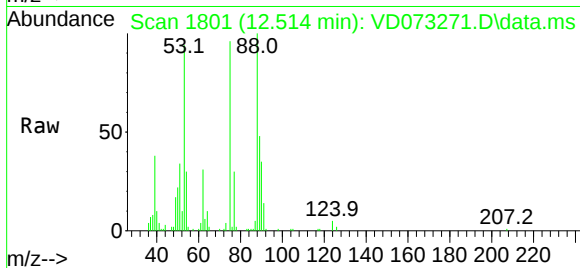




#81
trans-1,4-Dichloro-2-butene
Concen: 49.050 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

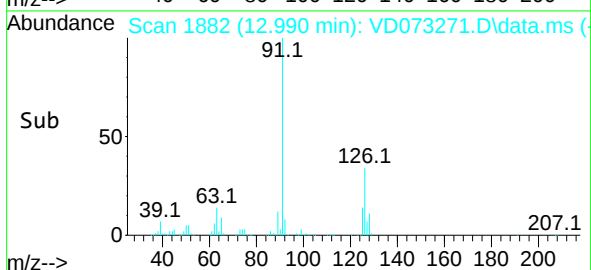
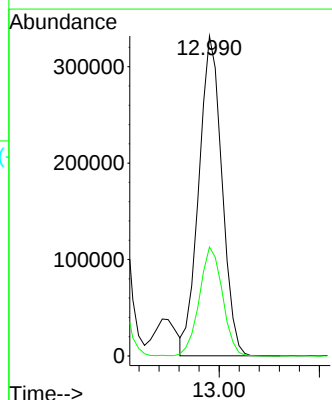
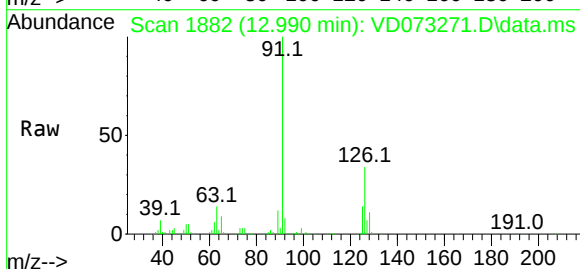
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

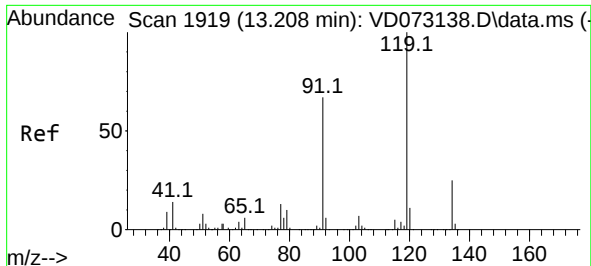
Tgt Ion: 75 Resp: 45354
Ion Ratio Lower Upper
75 100
53 95.3 86.5 129.7
89 47.3 33.9 50.9



#82
4-Chlorotoluene
Concen: 43.278 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 91 Resp: 530320
Ion Ratio Lower Upper
91 100
126 34.2 16.5 49.5

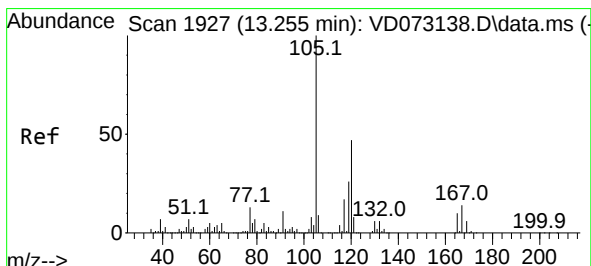
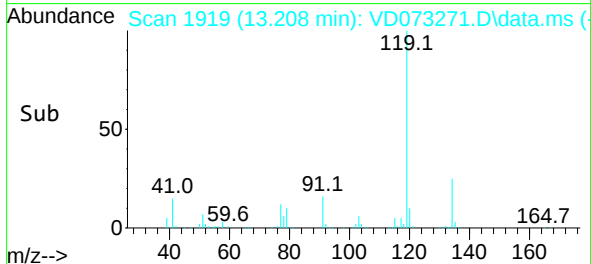
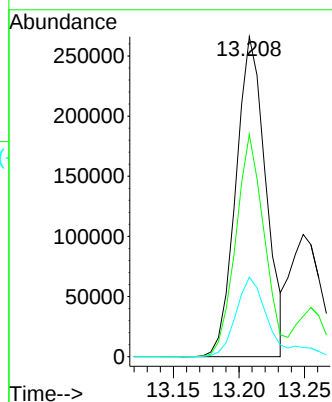
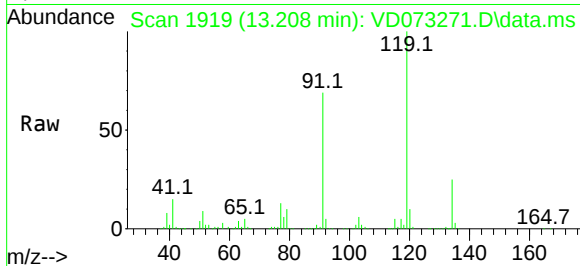




#83
tert-Butylbenzene
Concen: 36.713 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

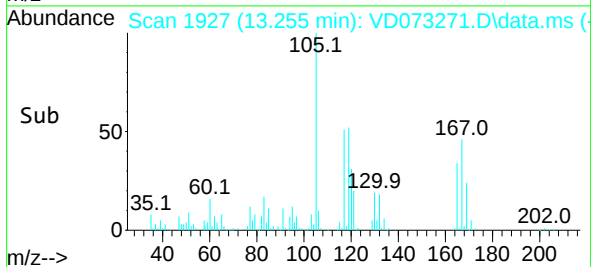
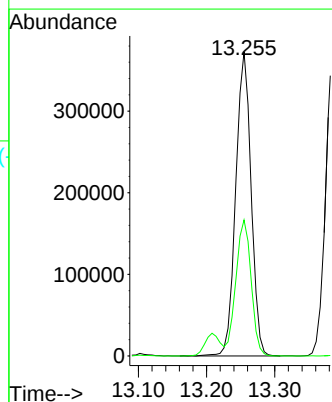
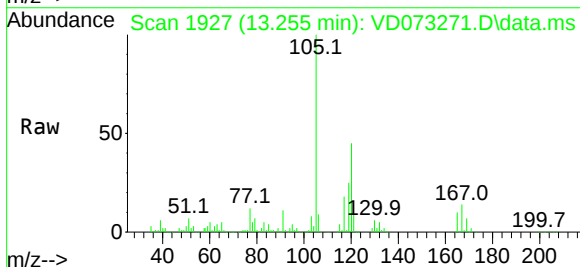
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

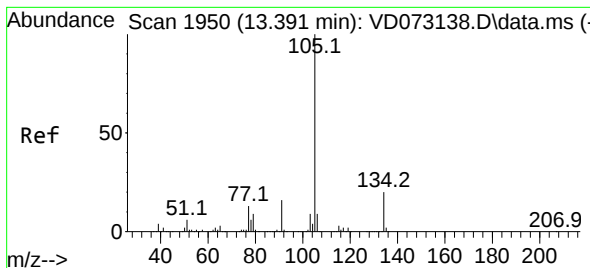
Tgt Ion:119 Resp: 422728
Ion Ratio Lower Upper
119 100
91 66.9 34.8 104.5
134 27.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 43.315 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion:105 Resp: 584619
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 34.612 ug/l

RT: 13.384 min Scan# 1949

Delta R.T. -0.007 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

Instrument :

MSVOA_D

ClientSampleId :

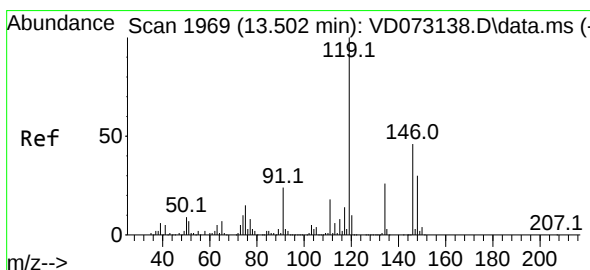
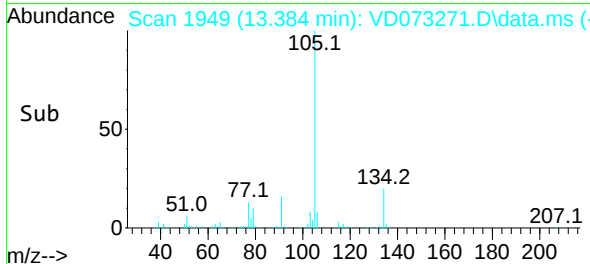
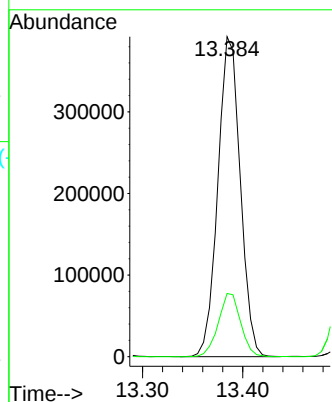
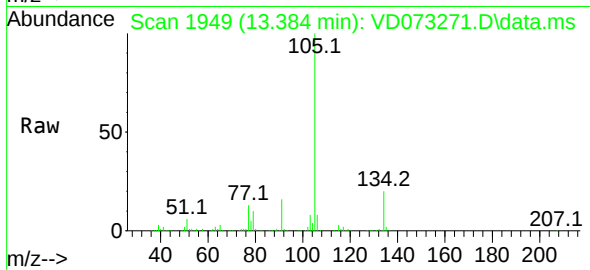
VSTDCCC050EC

Tgt Ion:105 Resp: 608534

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 35.476 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

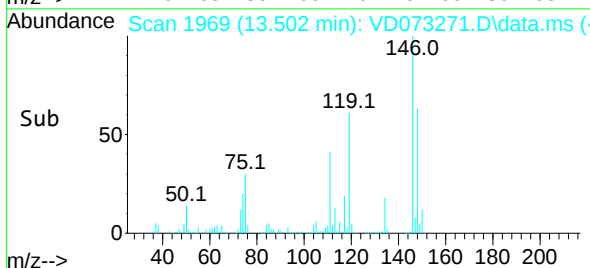
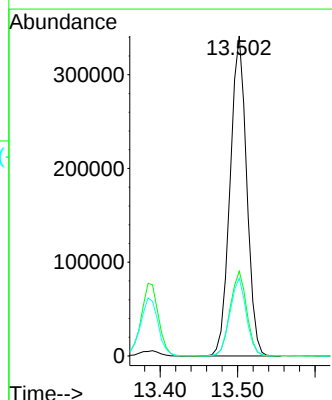
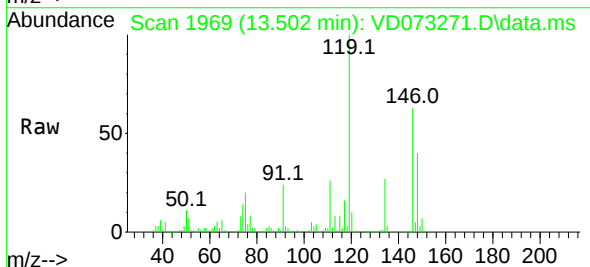
Tgt Ion:119 Resp: 508445

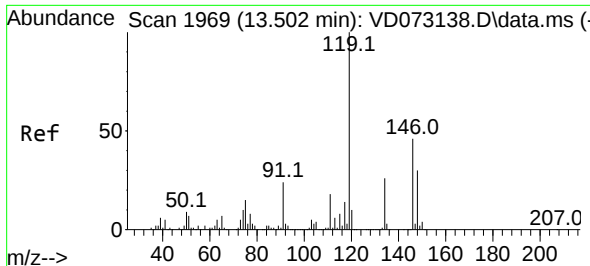
Ion Ratio Lower Upper

119 100

134 26.3 12.9 38.6

91 24.2 12.1 36.3

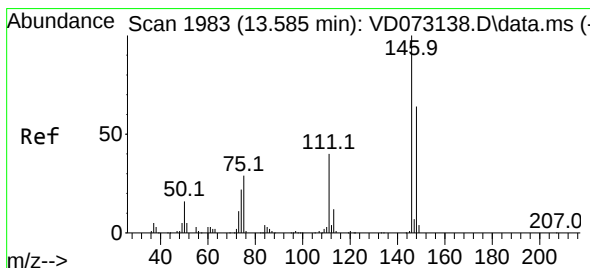
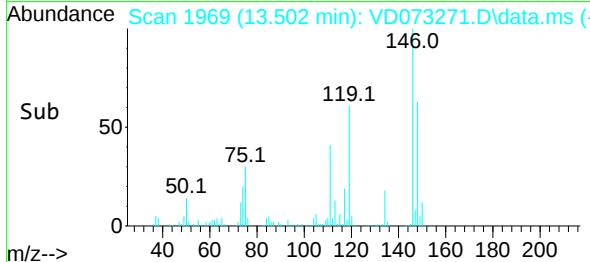
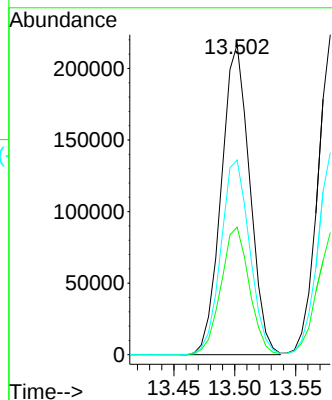
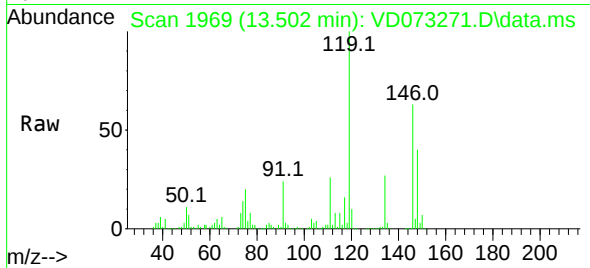




#87
1,3-Dichlorobenzene
Concen: 45.939 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

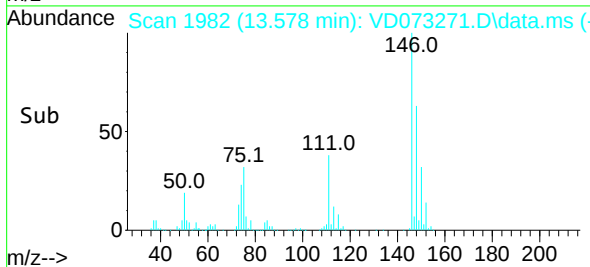
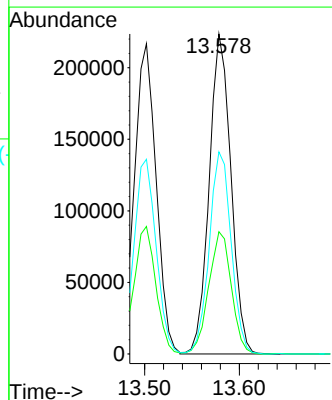
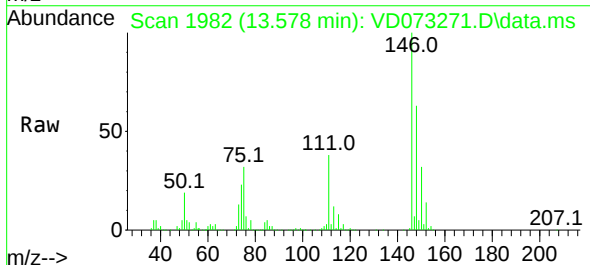
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

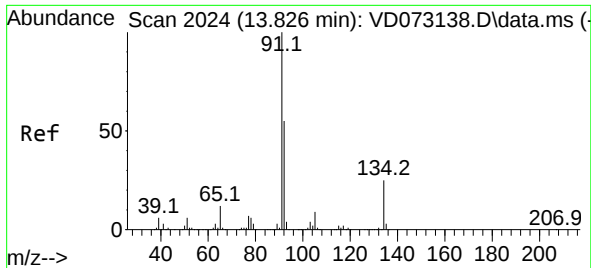
Tgt Ion:146 Resp: 351553
Ion Ratio Lower Upper
146 100
111 41.0 20.4 61.3
148 63.7 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 46.079 ug/l
RT: 13.578 min Scan# 1982
Delta R.T. -0.007 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion:146 Resp: 355960
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 63.8 31.7 95.1

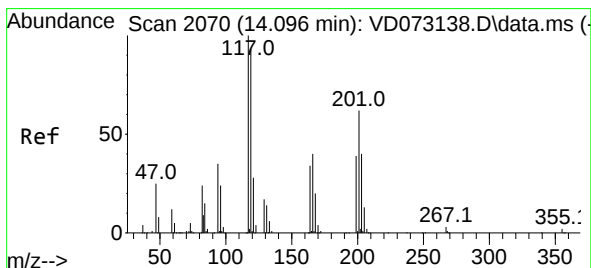
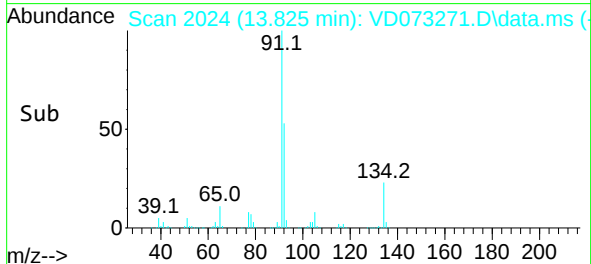
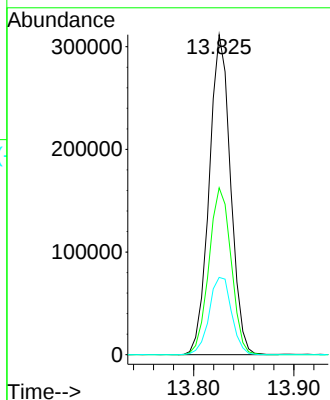
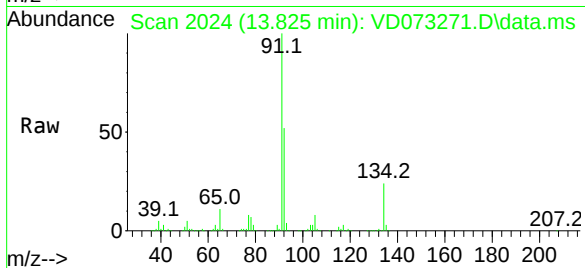




#89
n-Butylbenzene
Concen: 33.832 ug/l
RT: 13.825 min Scan# 2024
Delta R.T. -0.001 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

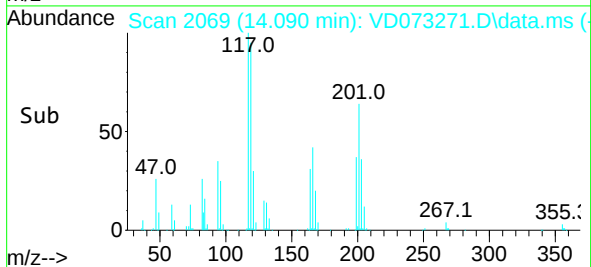
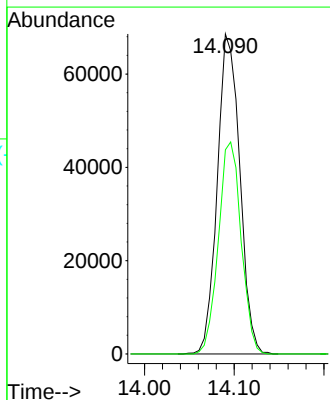
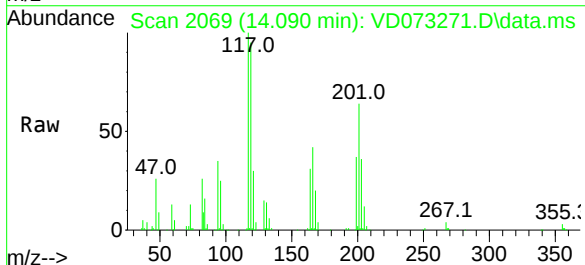
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

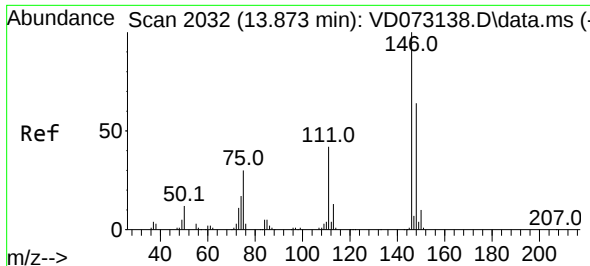
Tgt Ion: 91 Resp: 462000
Ion Ratio Lower Upper
91 100
92 54.2 26.6 79.8
134 25.4 12.3 36.9



#90
Hexachloroethane
Concen: 40.285 ug/l
RT: 14.090 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 117 Resp: 119466
Ion Ratio Lower Upper
117 100
201 66.9 33.4 100.2

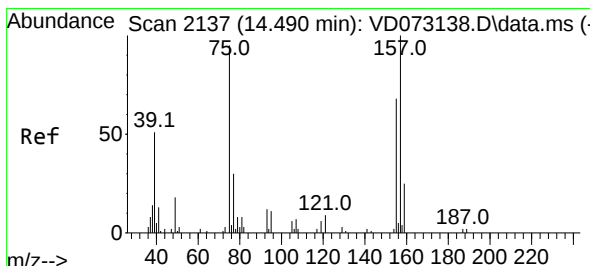
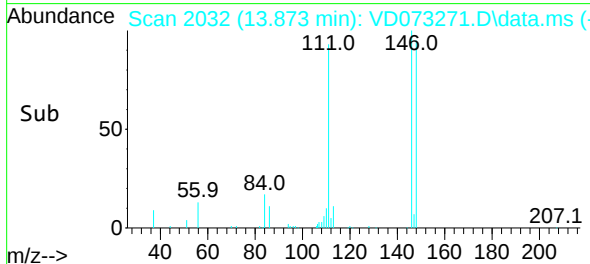
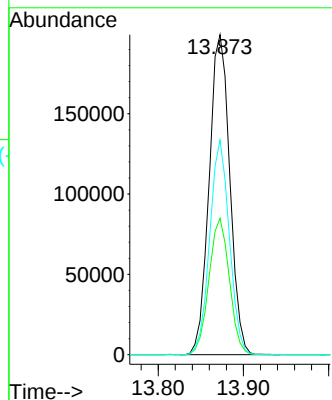
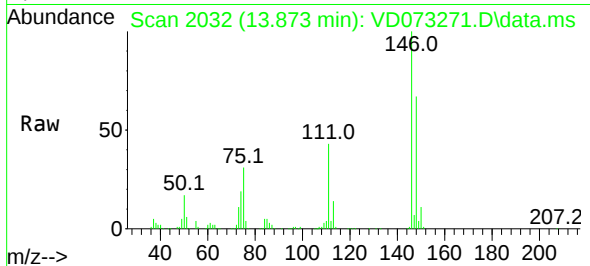




#91
1,2-Dichlorobenzene
Concen: 50.653 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

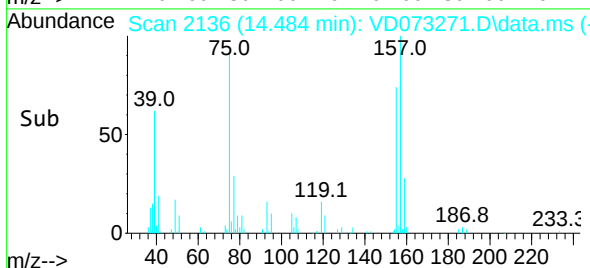
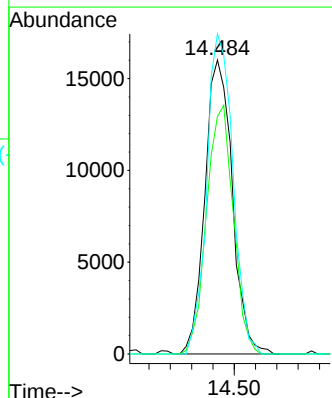
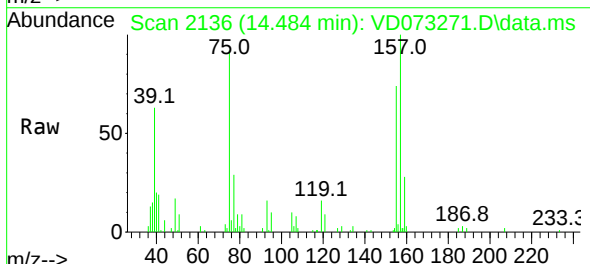
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

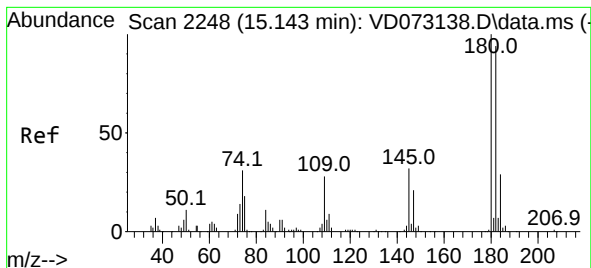
Tgt Ion:146 Resp: 335386
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.3
148 63.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 62.768 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD073271.D
Acq: 22 May 2022 12:51

Tgt Ion: 75 Resp: 28592
Ion Ratio Lower Upper
75 100
155 82.6 36.8 110.3
157 103.8 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 49.543 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

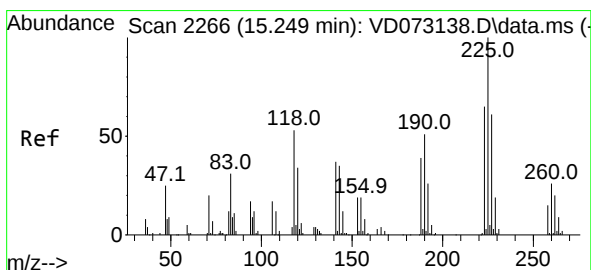
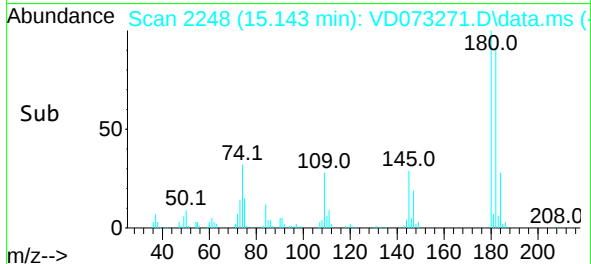
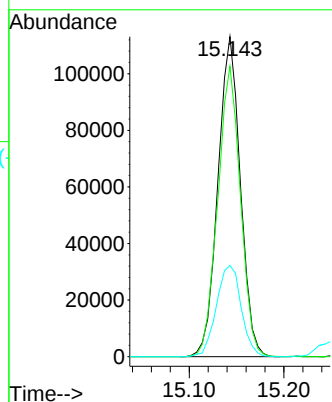
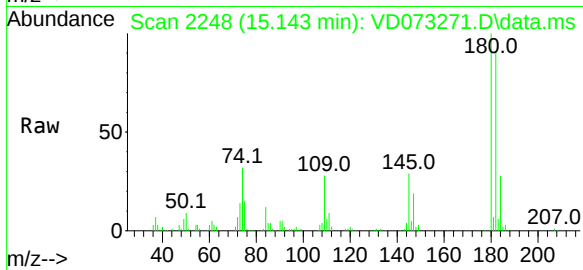
Tgt Ion:180 Resp: 186235

Ion Ratio Lower Upper

180 100

182 91.8 47.3 142.0

145 31.5 16.2 48.5



#94

Hexachlorobutadiene

Concen: 32.846 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.000 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

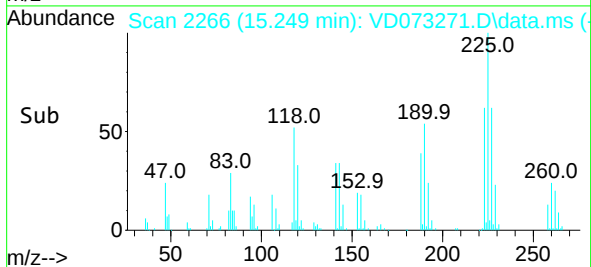
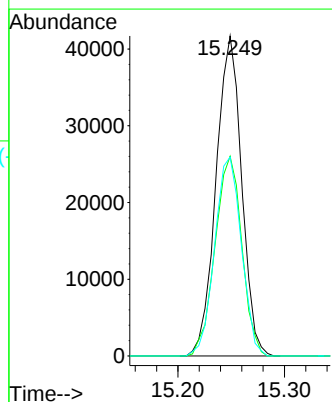
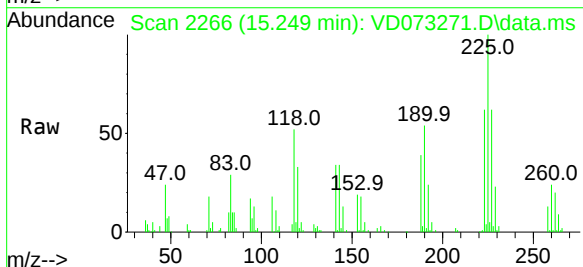
Tgt Ion:225 Resp: 69578

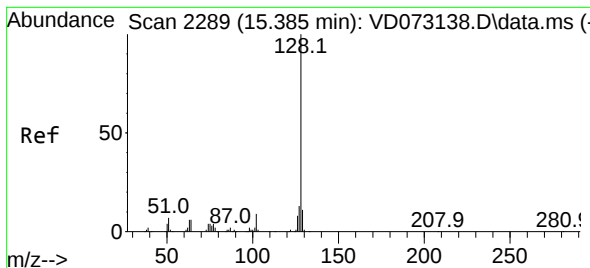
Ion Ratio Lower Upper

225 100

223 65.1 31.1 93.2

227 64.7 32.4 97.0





#95

Naphthalene

Concen: 55.709 ug/l

RT: 15.378 min Scan# 2288

Delta R.T. -0.007 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

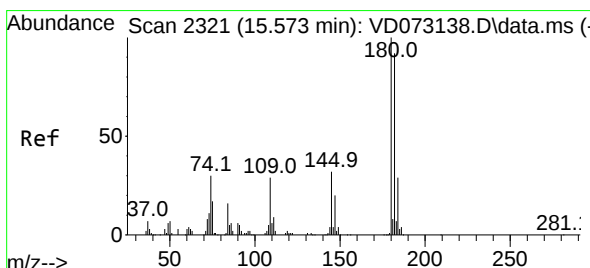
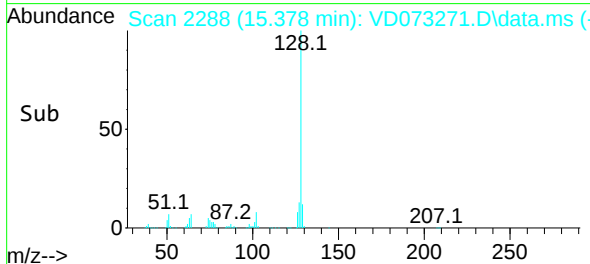
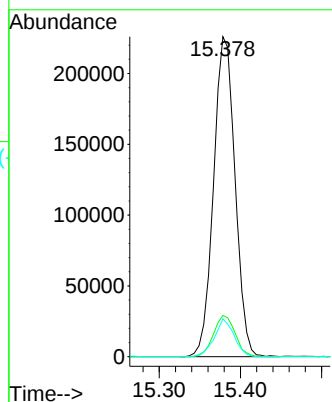
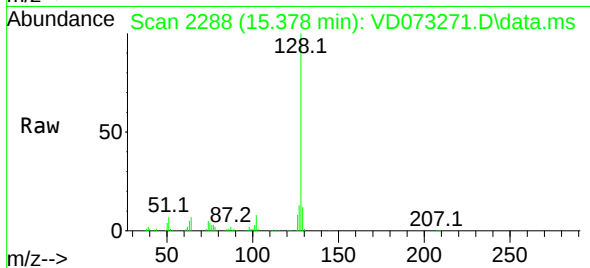
Tgt Ion:128 Resp: 415663

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 52.623 ug/l

RT: 15.572 min Scan# 2321

Delta R.T. -0.001 min

Lab File: VD073271.D

Acq: 22 May 2022 12:51

Tgt Ion:180 Resp: 175368

Ion Ratio Lower Upper

180 100

182 95.1 47.6 142.9

145 33.7 17.1 51.3

