

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073314.D
 Acq On : 24 May 2022 07:13
 Operator : VA/SY
 Sample : N2949-14MSD
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS001-0612-01MSD

Quant Time: May 24 08:18:35 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	243437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	441541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	404062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	171392	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	169027	62.828	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.660%	
35) Dibromofluoromethane	7.908	113	167467	57.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.960%	
50) Toluene-d8	10.332	98	561736	52.302	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.600%	
62) 4-Bromofluorobenzene	12.620	95	186390	49.451	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.900%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	105327	43.300	ug/l	99
3) Chloromethane	2.209	50	124253	45.174	ug/l	99
4) Vinyl Chloride	2.344	62	118493	47.111	ug/l	99
5) Bromomethane	2.762	94	81798	50.794	ug/l	98
6) Chloroethane	2.914	64	81319	52.594	ug/l	96
7) Trichlorofluoromethane	3.267	101	212872	47.865	ug/l	94
8) Diethyl Ether	3.709	74	76193	62.347	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	120065	45.247	ug/l	97
10) Methyl Iodide	4.291	142	128347	44.831	ug/l	98
11) Tert butyl alcohol	5.185	59	32768	78.504	ug/l #	74
12) 1,1-Dichloroethene	4.061	96	119862	48.994	ug/l	91
13) Acrolein	3.920	56	63	Below Cal	#	1
14) Allyl chloride	4.714	41	205250	51.975	ug/l	90
15) Acrylonitrile	5.420	53	161926	289.763	ug/l	97
16) Acetone	4.156	43	158457	340.043	ug/l #	86
17) Carbon Disulfide	4.403	76	331584	40.885	ug/l	99
18) Methyl Acetate	4.714	43	234011	180.594	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	365819	65.636	ug/l	98
20) Methylene Chloride	4.961	84	210841	73.184	ug/l #	85
21) trans-1,2-Dichloroethene	5.467	96	153667	51.950	ug/l	93
22) Diisopropyl ether	6.361	45	490976	59.309	ug/l #	89
23) Vinyl Acetate	6.303	43	85717	19.412	ug/l #	93
24) 1,1-Dichloroethane	6.261	63	293613	55.256	ug/l	97
25) 2-Butanone	7.208	43	205804	301.870	ug/l	91
26) 2,2-Dichloropropane	7.208	77	197767	43.642	ug/l	95
27) cis-1,2-Dichloroethene	7.202	96	183426	56.041	ug/l	90
28) Bromochloromethane	7.538	49	109910	60.040	ug/l #	81
29) Tetrahydrofuran	7.561	42	142903	324.161	ug/l	91
30) Chloroform	7.702	83	322814	58.191	ug/l	98
31) Cyclohexane	7.985	56	181416	38.588	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	243374	50.161	ug/l	97
36) 1,1-Dichloropropene	8.102	75	192917	44.025	ug/l	96
37) Ethyl Acetate	7.285	43	39506	22.825	ug/l #	80
38) Carbon Tetrachloride	8.091	117	205418	46.246	ug/l	98
39) Methylcyclohexane	9.349	83	170104	34.832	ug/l	98
40) Benzene	8.344	78	652062	51.633	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	48897	48.487	ug/l #	81
42) 1,2-Dichloroethane	8.420	62	197040	56.073	ug/l	96
43) Isopropyl Acetate	8.449	43	103906	32.478	ug/l #	60
44) Trichloroethene	9.108	130	161882	48.069	ug/l	92
45) 1,2-Dichloropropane	9.379	63	171656	53.972	ug/l	100
46) Dibromomethane	9.467	93	96357	55.163	ug/l	97
47) Bromodichloromethane	9.655	83	244219	54.642	ug/l	98
48) Methyl methacrylate	9.449	41	106002	65.857	ug/l #	87
49) 1,4-Dioxane	9.449	88	22744	1260.838	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	488215	293.817	ug/l	94
52) Toluene	10.396	92	400414	50.174	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	207026	51.272	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	240083	49.687	ug/l #	86
55) 1,1,2-Trichloroethane	10.791	97	133944	56.706	ug/l	95
56) Ethyl methacrylate	10.655	69	74244	28.270	ug/l #	81
57) 1,3-Dichloropropane	10.938	76	224219	56.573	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	327157	261.144	ug/l	95
59) 2-Hexanone	10.979	43	263642	240.662	ug/l	92
60) Dibromochloromethane	11.132	129	163598	55.545	ug/l	98
61) 1,2-Dibromoethane	11.232	107	125684	55.683	ug/l	98
64) Tetrachloroethene	10.867	164	155181	58.636	ug/l	98
65) Chlorobenzene	11.661	112	405988	48.978	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	167955	54.633	ug/l	99
67) Ethyl Benzene	11.732	91	692554	47.593	ug/l	99
68) m/p-Xylenes	11.843	106	545649	96.516	ug/l	97
69) o-Xylene	12.167	106	258033	49.683	ug/l	97
70) Styrene	12.185	104	465975	52.149	ug/l	96
71) Bromoform	12.349	173	88055	55.653	ug/l #	98
73) Isopropylbenzene	12.467	105	627021	51.318	ug/l	100
74) N-amyl acetate	12.273	43	35380	13.273	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	140937	62.543	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	170316	101.279	ug/l #	100
77) Bromobenzene	12.749	156	160045	55.644	ug/l	94
78) n-propylbenzene	12.808	91	759007	49.481	ug/l	99
79) 2-Chlorotoluene	12.896	91	456288	51.519	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	527484	50.963	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	36585	52.228	ug/l	92
82) 4-Chlorotoluene	12.990	91	475422	51.213	ug/l	99
83) tert-Butylbenzene	13.208	119	447957	51.353	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	531167	51.948	ug/l	98
85) sec-Butylbenzene	13.385	105	624725	46.903	ug/l	99
86) p-Isopropyltoluene	13.502	119	502425	46.274	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	285857	49.307	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	285855	48.845	ug/l	99
89) n-Butylbenzene	13.826	91	434124	41.964	ug/l	99
90) Hexachloroethane	14.096	117	108810	48.433	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	263053	52.442	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	21215	61.476	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	118679	41.674	ug/l	98
94) Hexachlorobutadiene	15.249	225	54406	33.903	ug/l	96
95) Naphthalene	15.379	128	258313	46.335	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	109973	43.560	ug/l	99

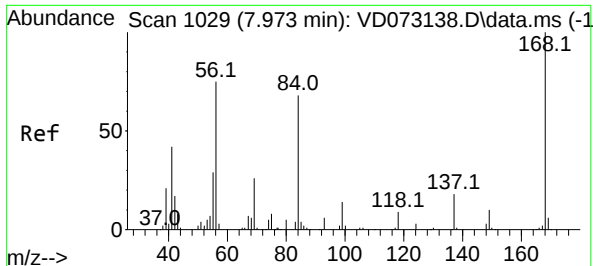
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Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

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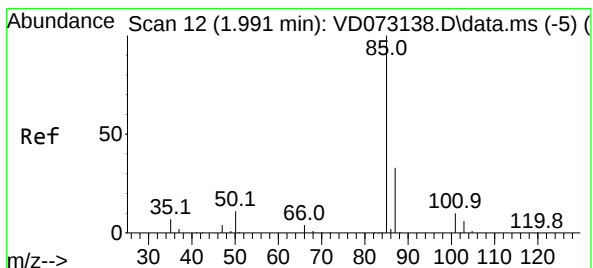
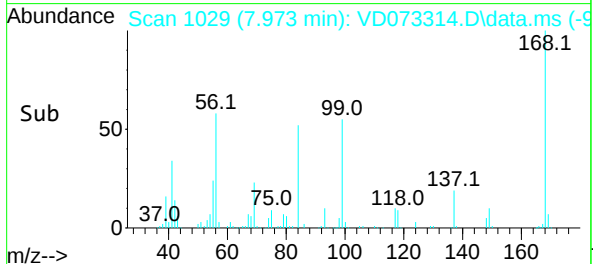
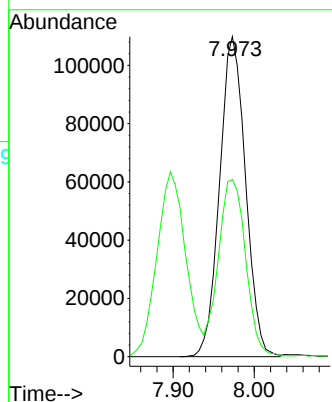
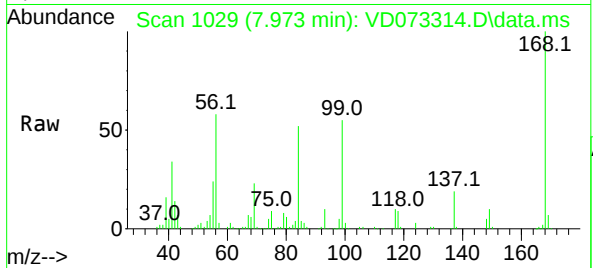
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073314.D
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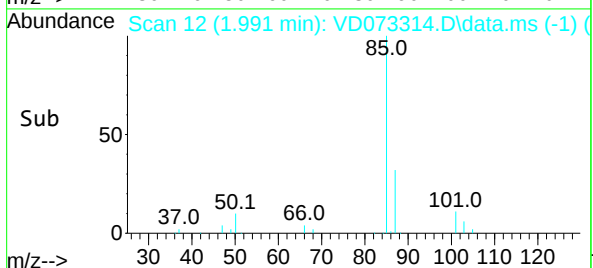
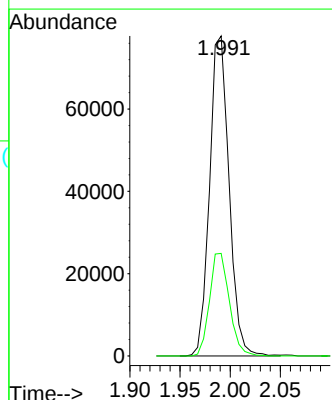
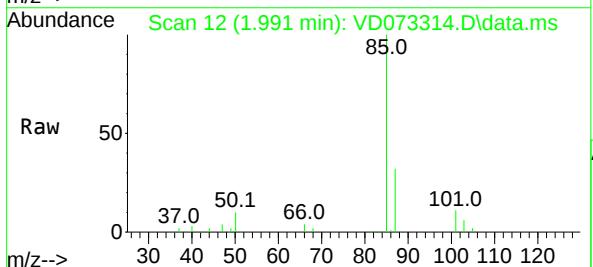
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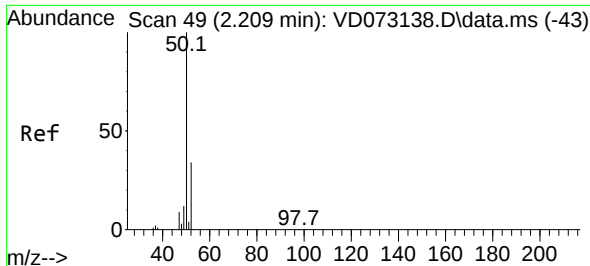
Tgt Ion:168 Resp: 243437
Ion Ratio Lower Upper
168 100
99 55.2 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 43.300 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 85 Resp: 105327
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0

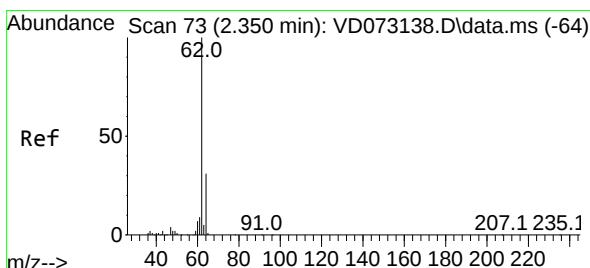
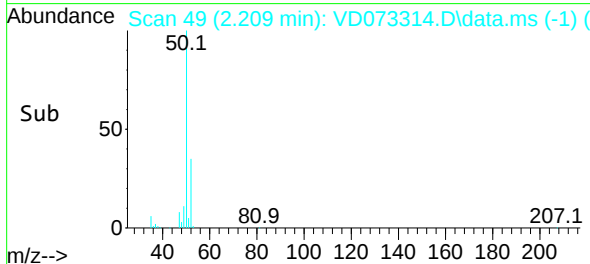
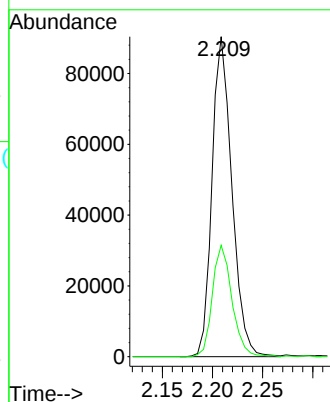
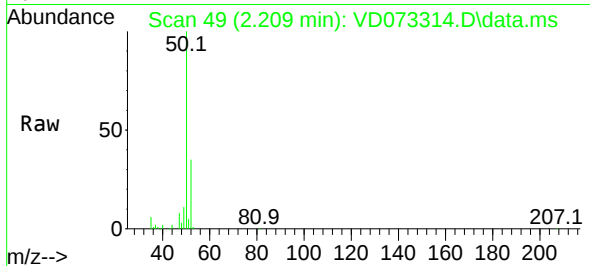




#3
Chloromethane
Concen: 45.174 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

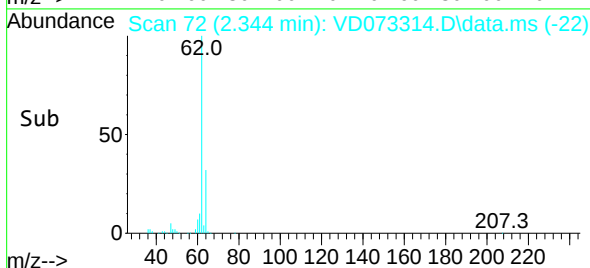
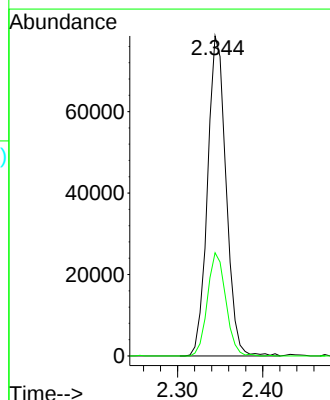
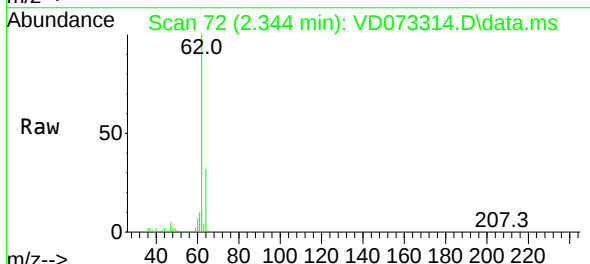
Instrument :
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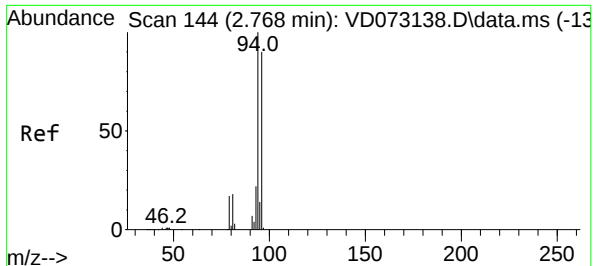
Tgt Ion: 50 Resp: 124253
Ion Ratio Lower Upper
50 100
52 34.8 27.4 41.0



#4
Vinyl Chloride
Concen: 47.111 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 62 Resp: 118493
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0

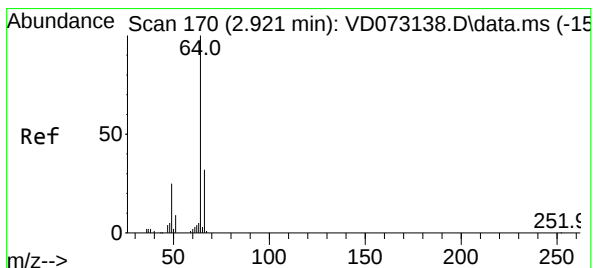
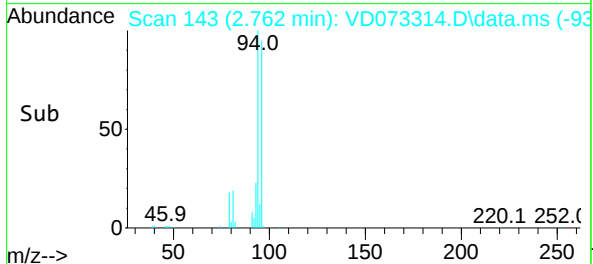
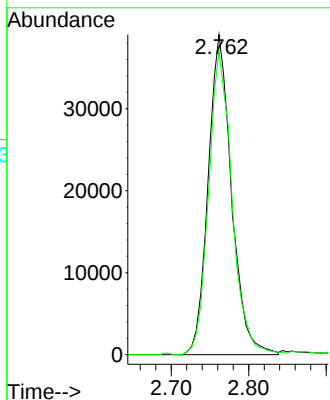
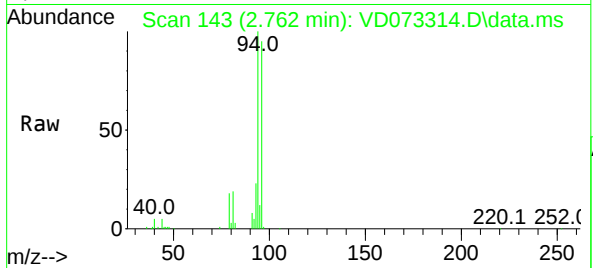




#5
Bromomethane
Concen: 50.794 ug/l
RT: 2.762 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

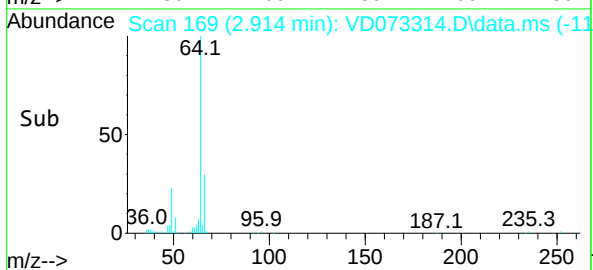
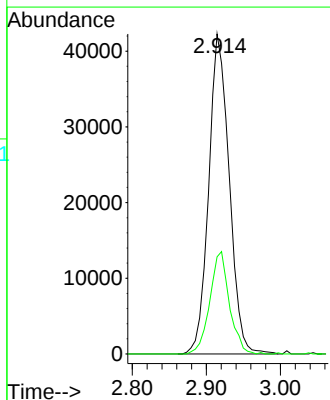
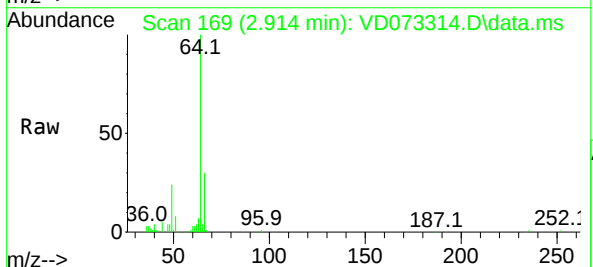
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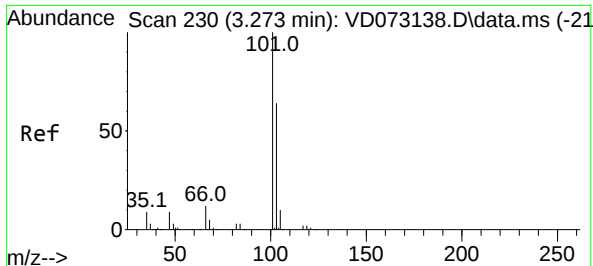
Tgt Ion: 94 Resp: 81798
Ion Ratio Lower Upper
94 100
96 94.7 77.6 116.4



#6
Chloroethane
Concen: 52.594 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.007 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 64 Resp: 81319
Ion Ratio Lower Upper
64 100
66 30.3 25.9 38.9

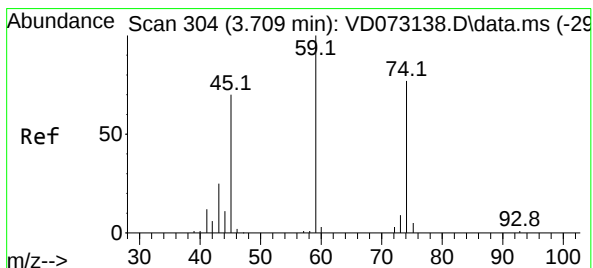
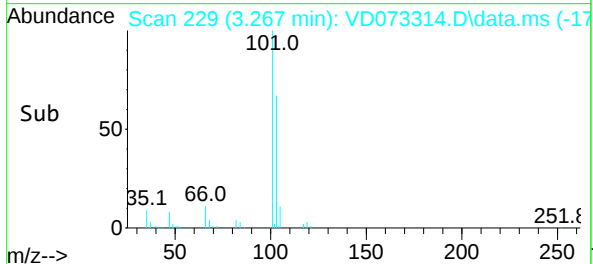
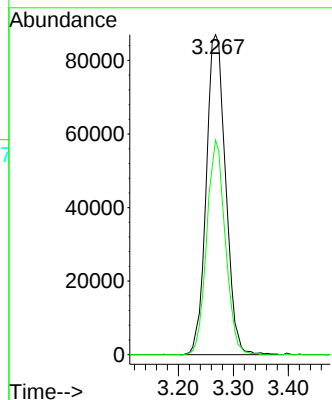
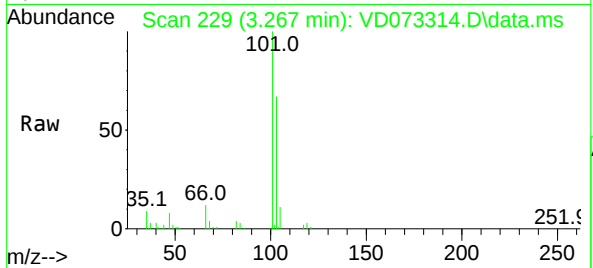




#7
Trichlorofluoromethane
Concen: 47.865 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

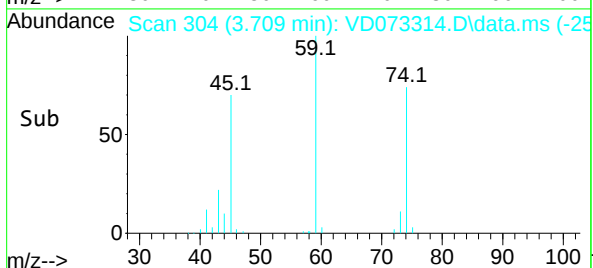
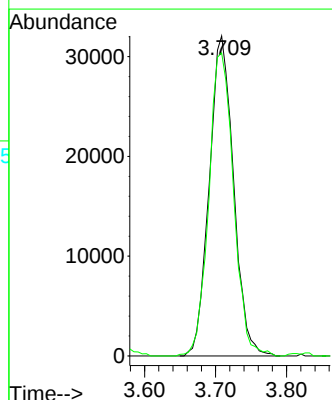
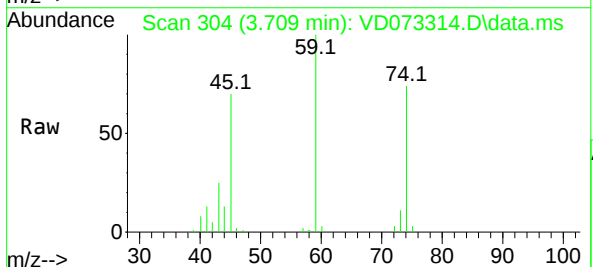
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

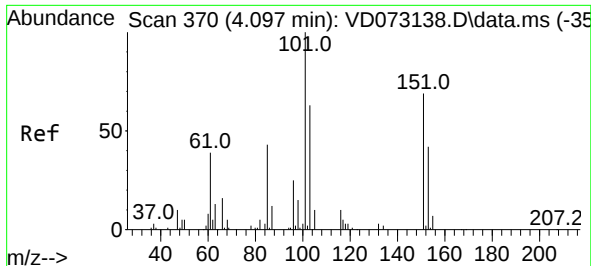
Tgt Ion:101 Resp: 212872
Ion Ratio Lower Upper
101 100
103 67.1 50.1 75.1



#8
Diethyl Ether
Concen: 62.347 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 74 Resp: 76193
Ion Ratio Lower Upper
74 100
45 96.4 52.6 157.8

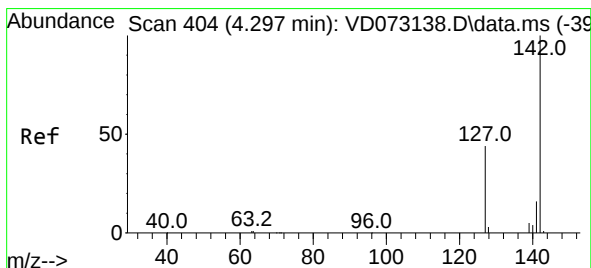
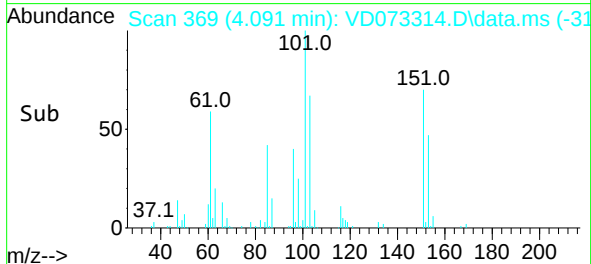
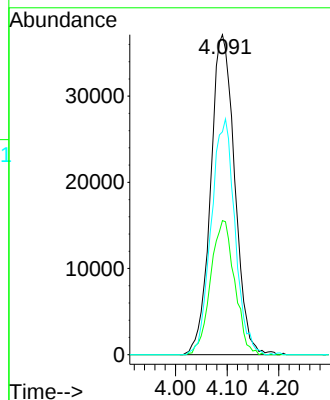
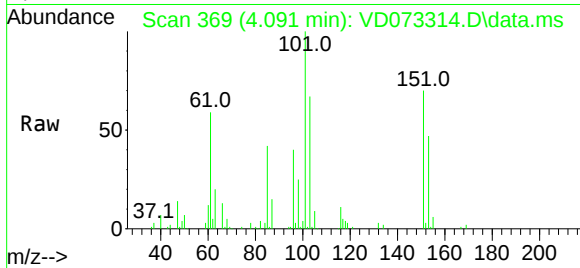




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.247 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

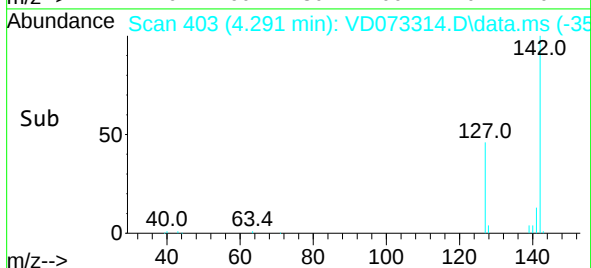
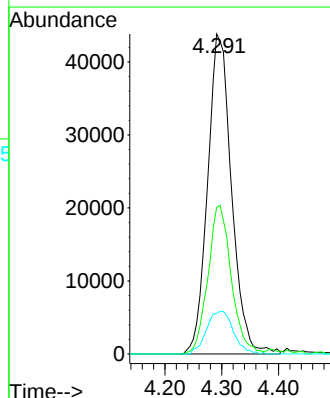
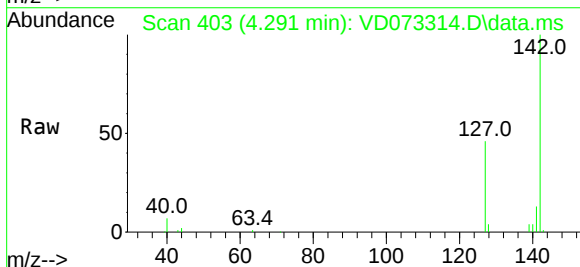
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

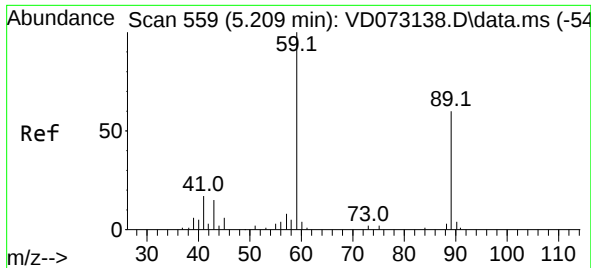
Tgt Ion:101 Resp: 120065
Ion Ratio Lower Upper
101 100
85 41.9 36.4 54.6
151 72.5 57.3 85.9



#10
Methyl Iodide
Concen: 44.831 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion:142 Resp: 128347
Ion Ratio Lower Upper
142 100
127 45.3 37.3 55.9
141 15.0 11.7 17.5

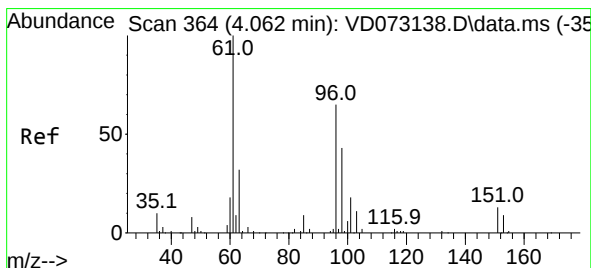
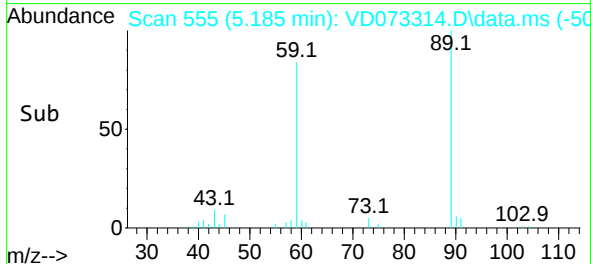
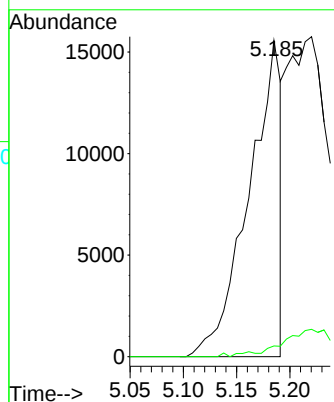
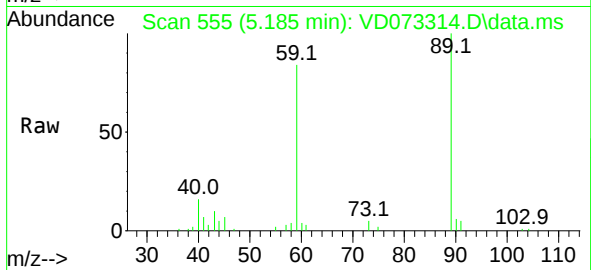




#11
Tert butyl alcohol
Concen: 78.504 ug/l
RT: 5.185 min Scan# 511
Delta R.T. -0.024 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

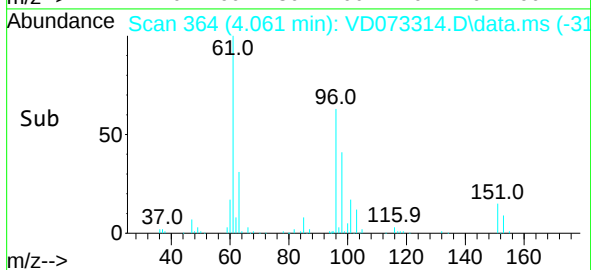
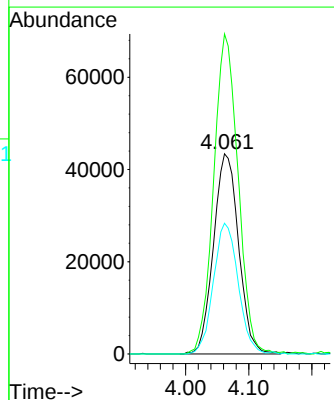
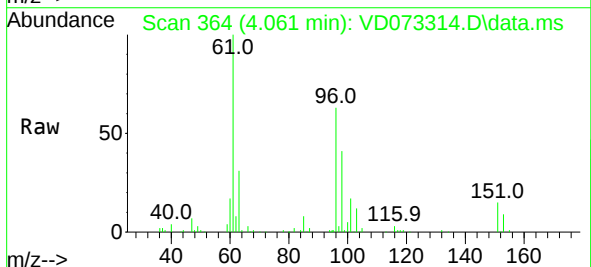
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

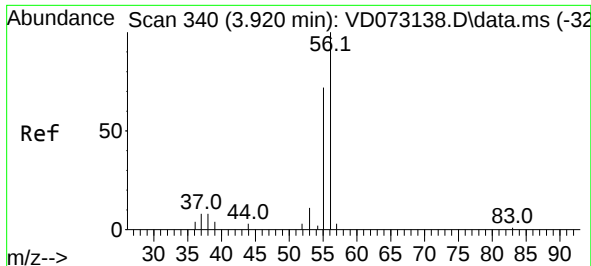
Tgt Ion: 59 Resp: 32768
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 48.994 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.001 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

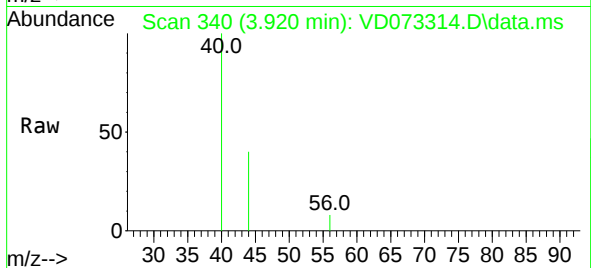
Tgt Ion: 96 Resp: 119862
Ion Ratio Lower Upper
96 100
61 159.9 138.5 207.7
98 65.3 48.6 73.0



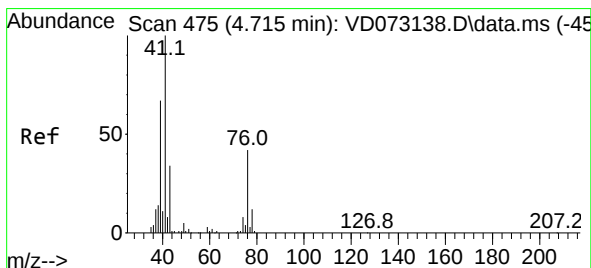
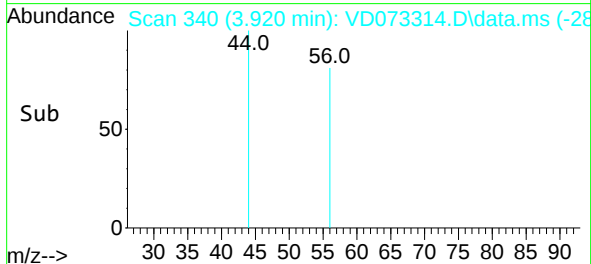
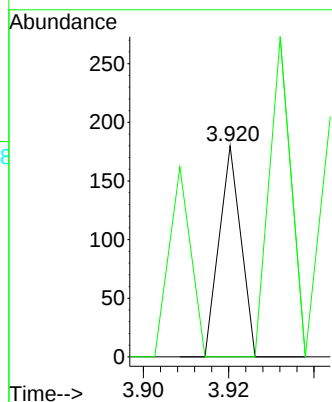


#13
Acrolein
Concen: Below Cal
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

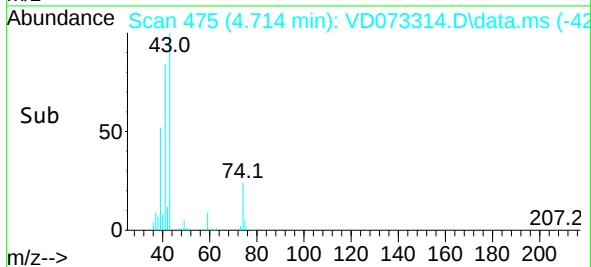
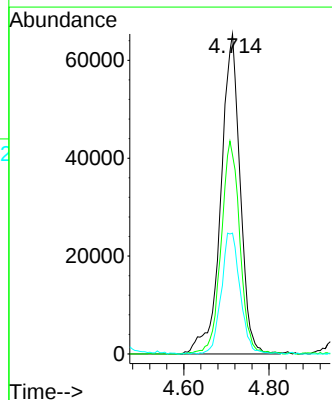
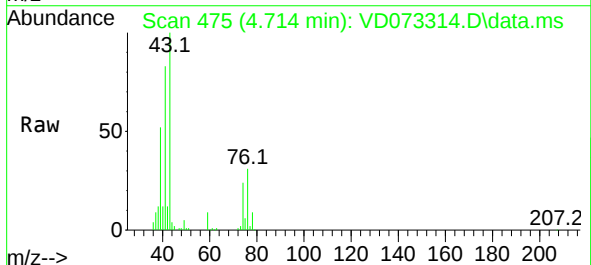


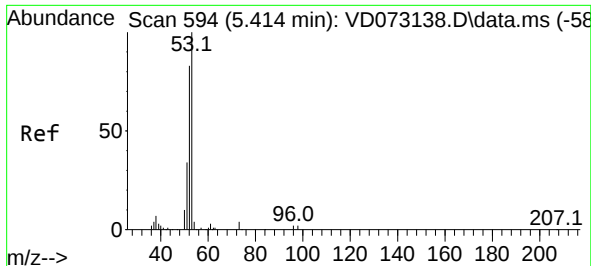
Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 268.3 57.1 85.7#



#14
Allyl chloride
Concen: 51.975 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 41 Resp: 205250
Ion Ratio Lower Upper
41 100
39 64.6 59.3 88.9
76 36.9 25.7 38.5

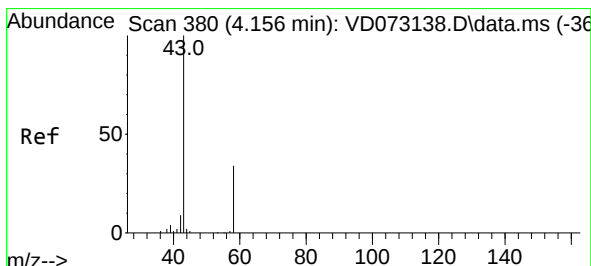
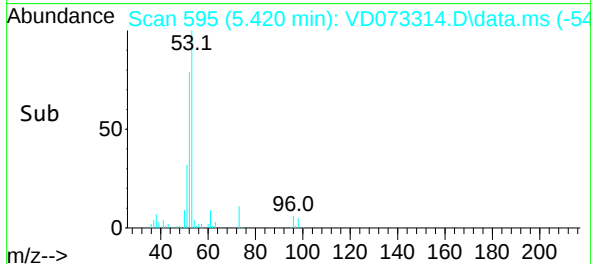
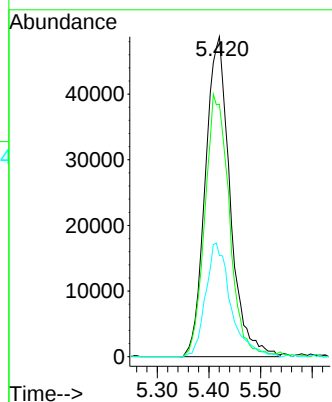
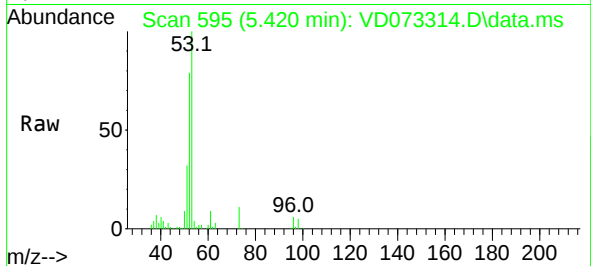




#15
Acrylonitrile
Concen: 289.763 ug/l
RT: 5.420 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

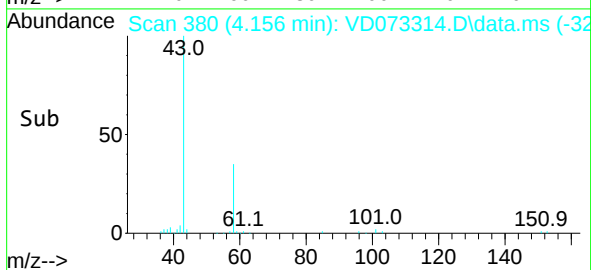
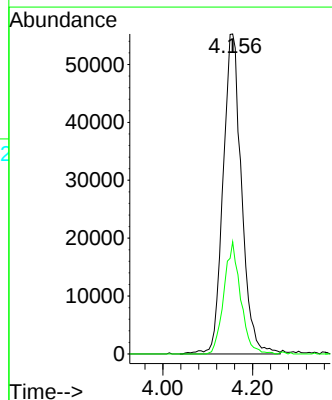
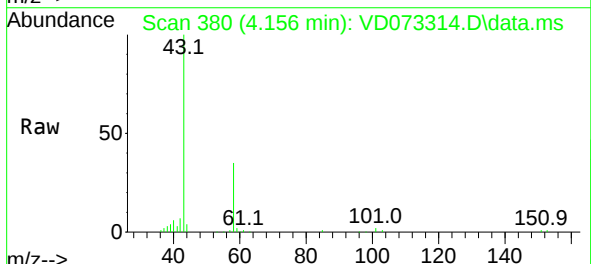
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

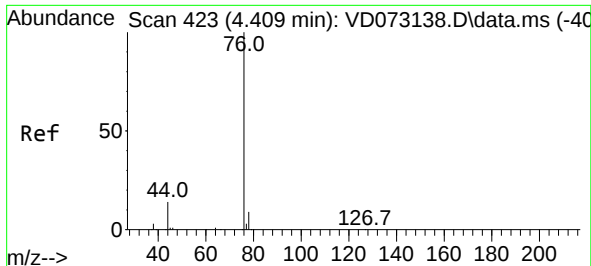
Tgt Ion: 53 Resp: 161926
Ion Ratio Lower Upper
53 100
52 81.0 67.2 100.8
51 36.0 30.3 45.5



#16
Acetone
Concen: 340.043 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 43 Resp: 158457
Ion Ratio Lower Upper
43 100
58 35.0 22.1 33.1#

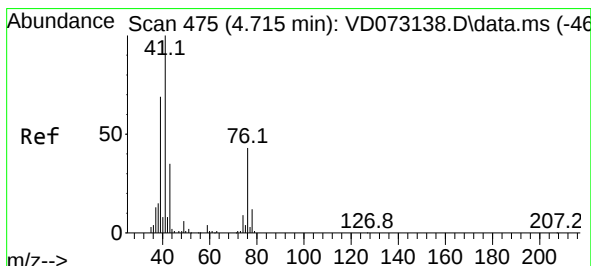
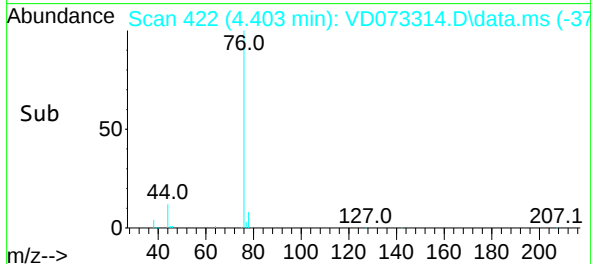
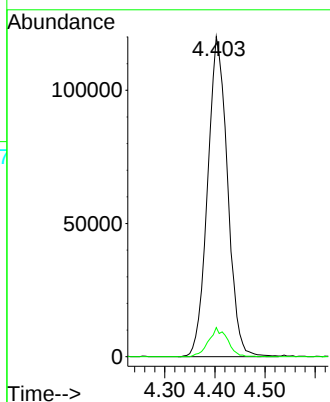
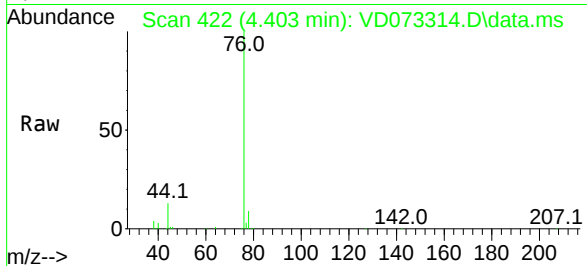




#17
Carbon Disulfide
Concen: 40.885 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

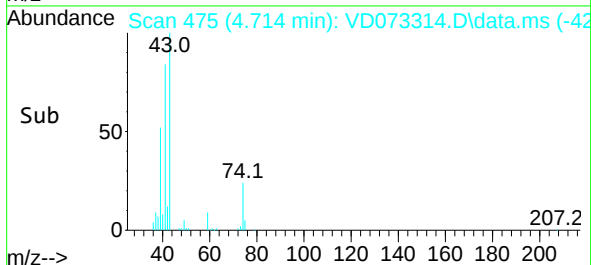
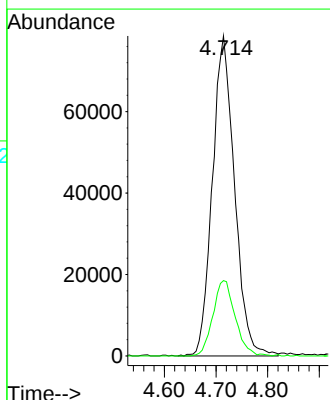
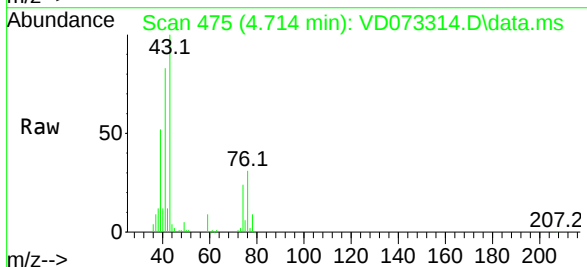
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

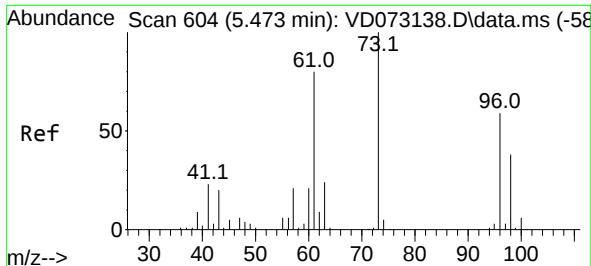
Tgt Ion: 76 Resp: 331584
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 180.594 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 43 Resp: 234011
Ion Ratio Lower Upper
43 100
74 23.6 16.7 25.1

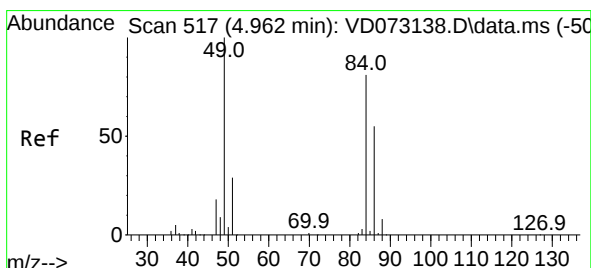
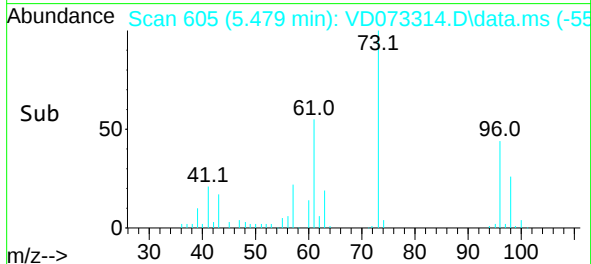
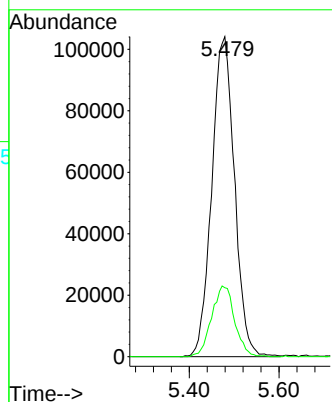
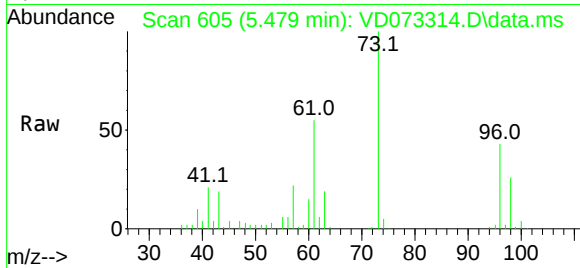




#19
Methyl tert-butyl Ether
Concen: 65.636 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

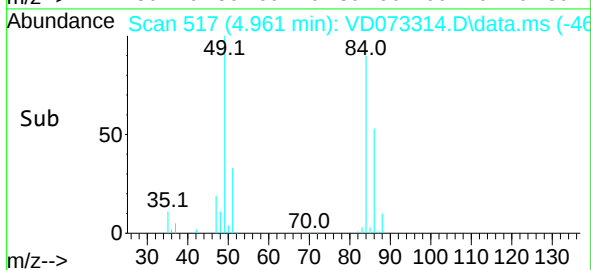
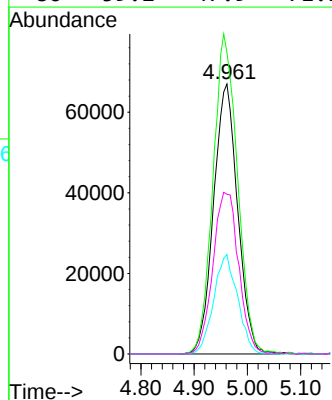
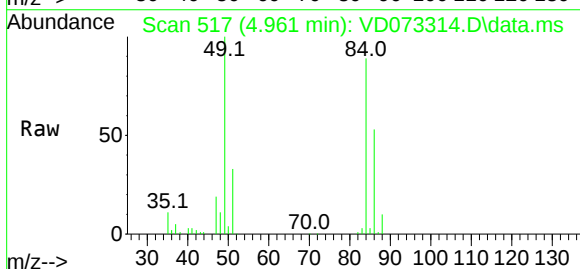
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

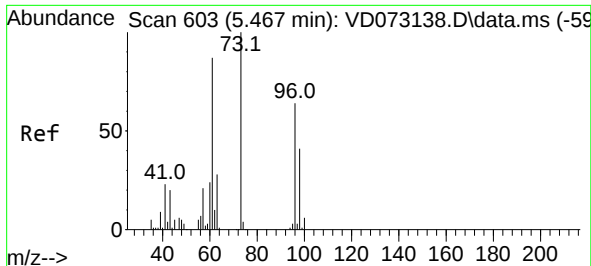
Tgt Ion: 73 Resp: 365819
Ion Ratio Lower Upper
73 100
57 21.5 18.0 27.0



#20
Methylene Chloride
Concen: 73.184 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 84 Resp: 210841
Ion Ratio Lower Upper
84 100
49 111.8 112.8 169.2#
51 36.9 32.6 48.8
86 59.2 47.9 71.9

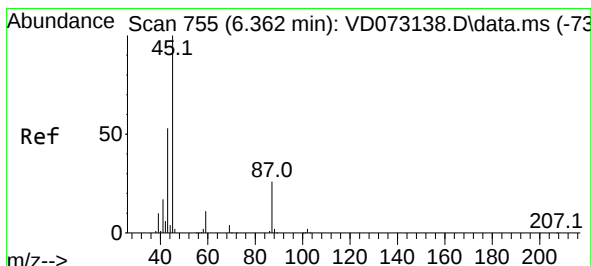
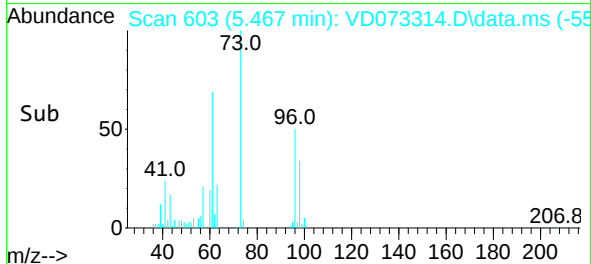
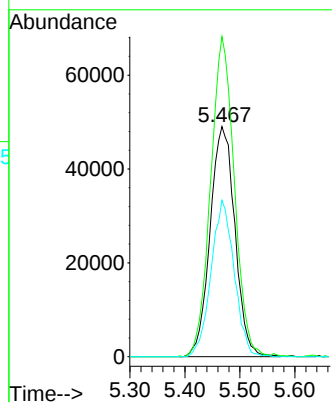
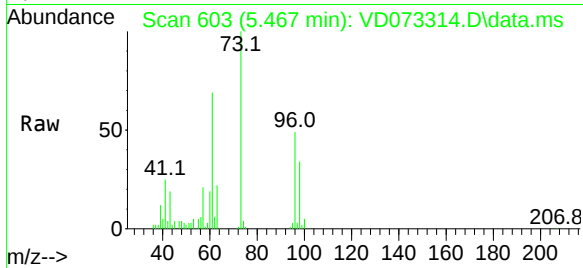




#21
trans-1,2-Dichloroethene
Concen: 51.950 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

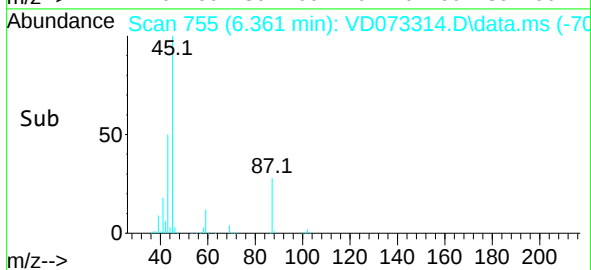
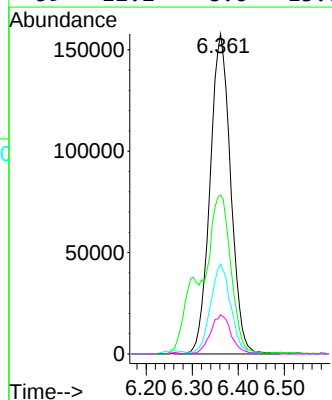
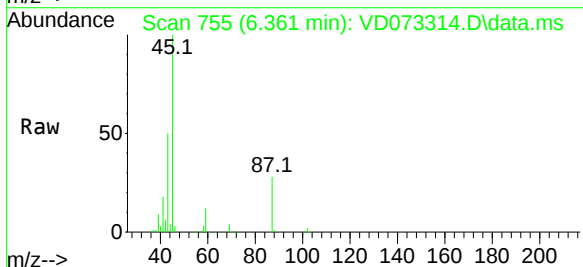
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

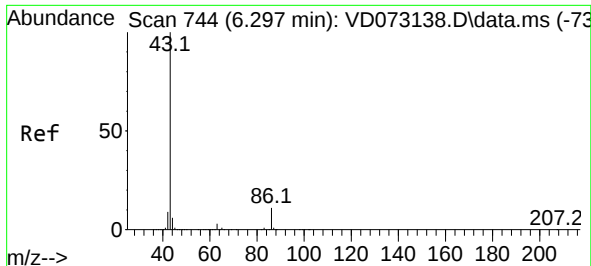
Tgt Ion: 96 Resp: 153667
Ion Ratio Lower Upper
96 100
61 138.7 117.9 176.9
98 68.0 49.4 74.2



#22
Diisopropyl ether
Concen: 59.309 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 45 Resp: 490976
Ion Ratio Lower Upper
45 100
43 49.1 46.6 70.0
87 28.0 18.4 27.6#
59 12.2 8.6 13.0

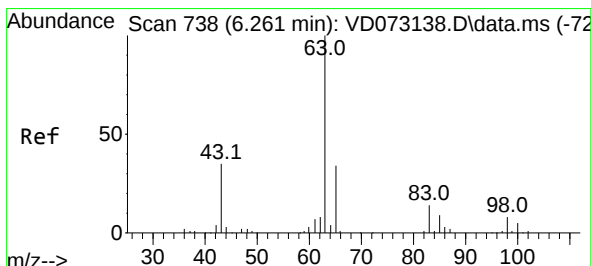
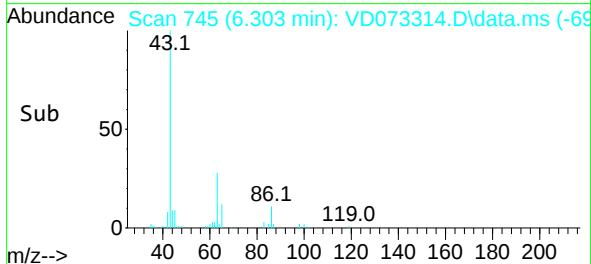
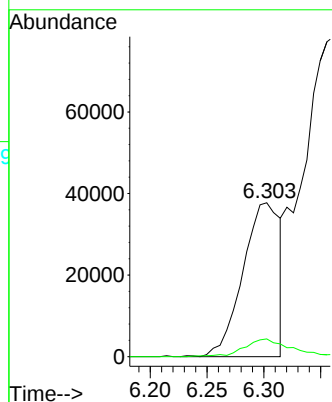
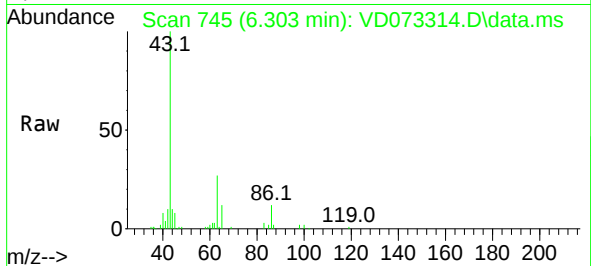




#23
 Vinyl Acetate
 Concen: 19.412 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073314.D
 Acq: 24 May 2022 07:13

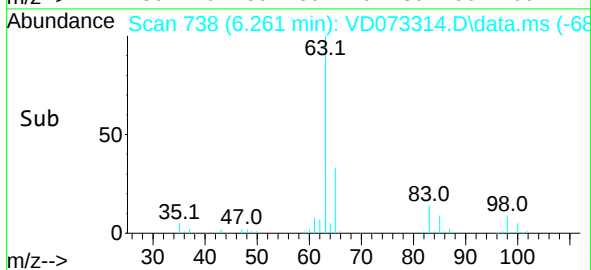
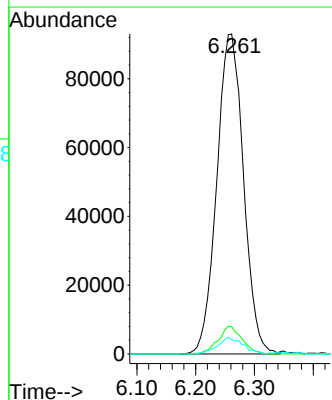
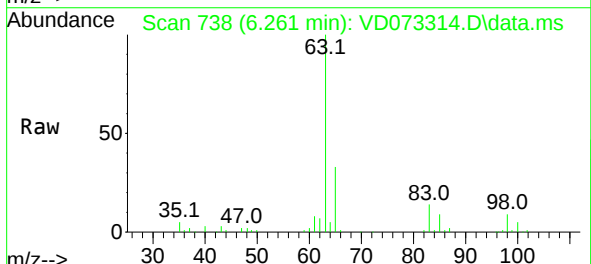
Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS001-0612-01MSD

Tgt Ion: 43 Resp: 85717
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 55.256 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073314.D
 Acq: 24 May 2022 07:13

Tgt Ion: 63 Resp: 293613
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.6 10.9
 100 4.6 2.1 6.5

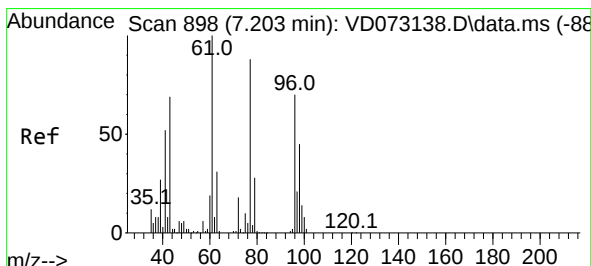
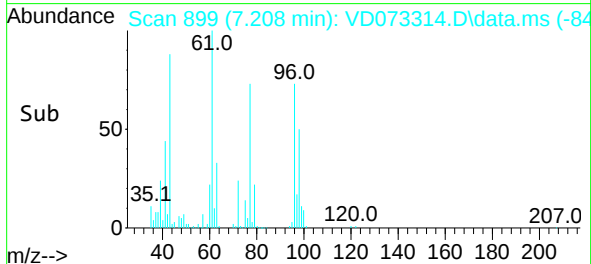
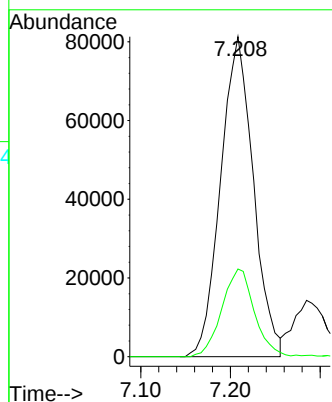
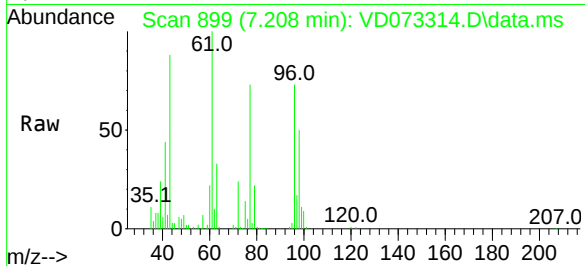




#25
2-Butanone
Concen: 301.870 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

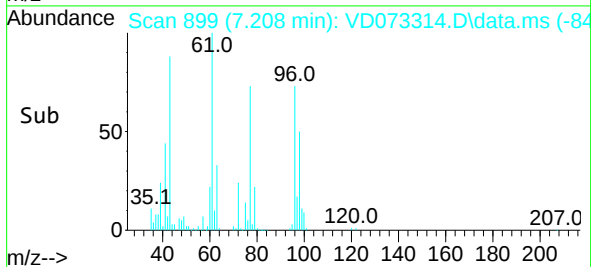
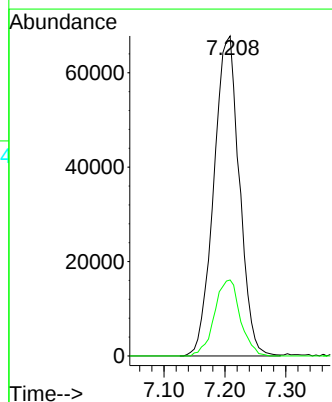
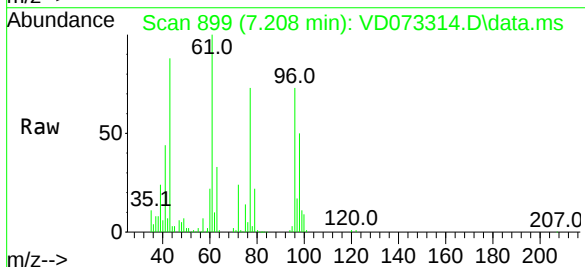
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

Tgt Ion: 43 Resp: 205804
Ion Ratio Lower Upper
43 100
72 27.4 18.6 27.8



#26
2,2-Dichloropropane
Concen: 43.642 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.005 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 77 Resp: 197767
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.4

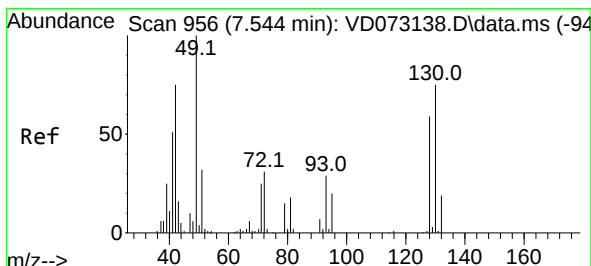
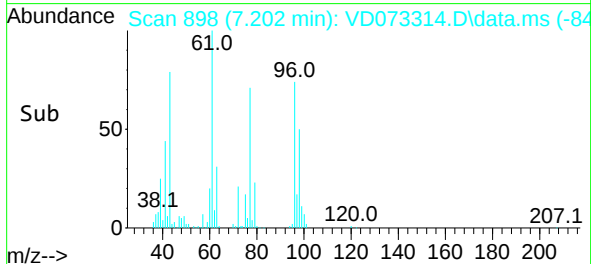
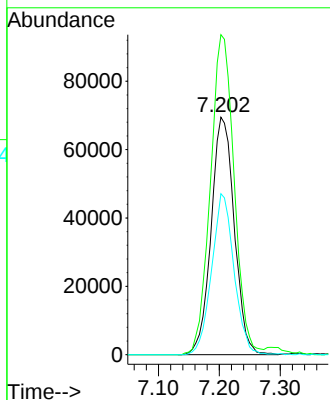
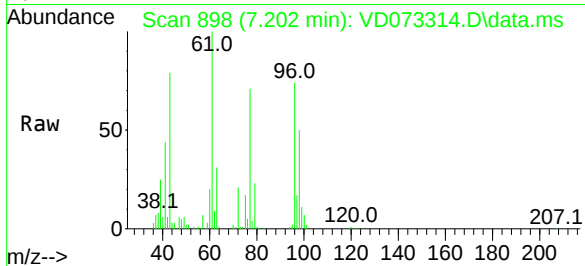




#27
 cis-1,2-Dichloroethene
 Concen: 56.041 ug/l
 RT: 7.202 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD073314.D
 Acq: 24 May 2022 07:13

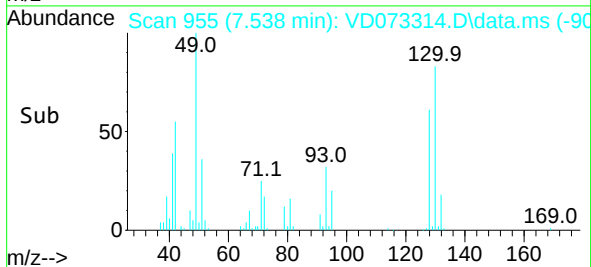
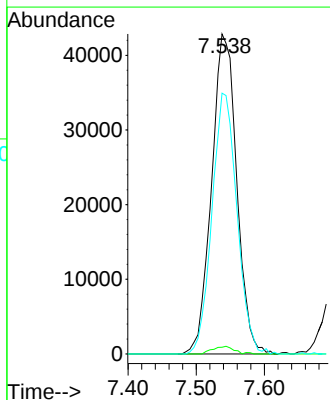
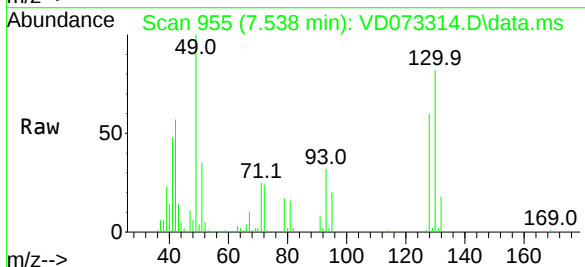
Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS001-0612-01MSD

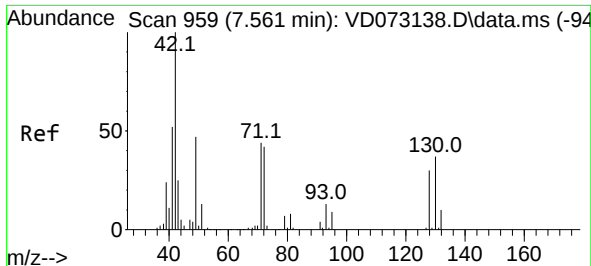
Tgt Ion: 96 Resp: 183426
 Ion Ratio Lower Upper
 96 100
 61 138.4 0.0 313.8
 98 65.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 60.040 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073314.D
 Acq: 24 May 2022 07:13

Tgt Ion: 49 Resp: 109910
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 81.1 52.6 79.0#





#29

Tetrahydrofuran

Concen: 324.161 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073314.D

Acq: 24 May 2022 07:13

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MSD

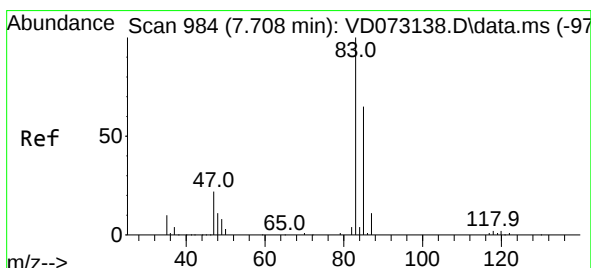
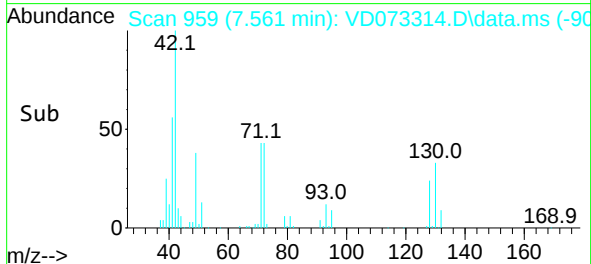
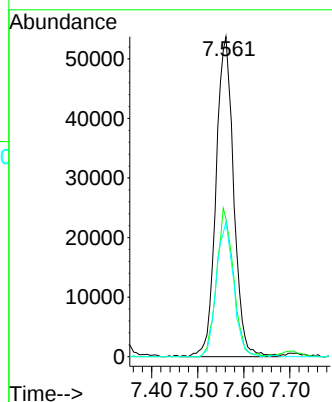
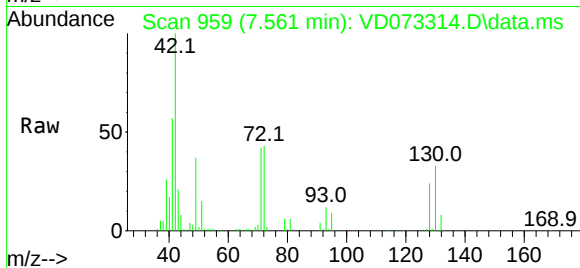
Tgt Ion: 42 Resp: 142903

Ion Ratio Lower Upper

42 100

72 44.1 30.7 46.1

71 41.0 28.6 43.0



#30

Chloroform

Concen: 58.191 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD073314.D

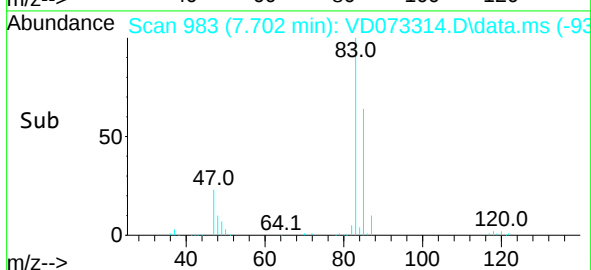
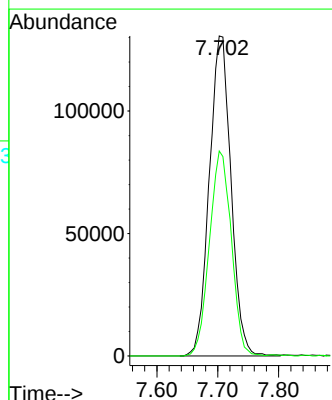
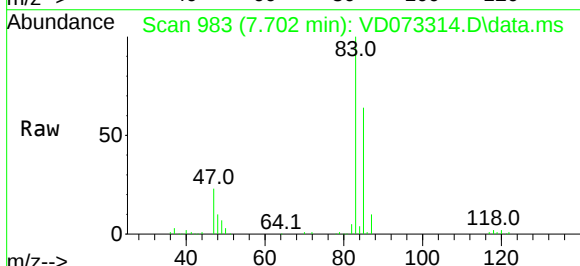
Acq: 24 May 2022 07:13

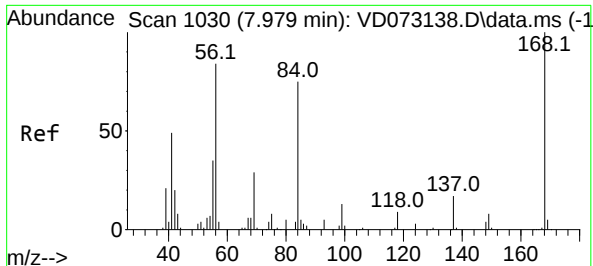
Tgt Ion: 83 Resp: 322814

Ion Ratio Lower Upper

83 100

85 64.0 52.7 79.1





#31

Cyclohexane

Concen: 38.588 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VD073314.D

Acq: 24 May 2022 07:13

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MSD

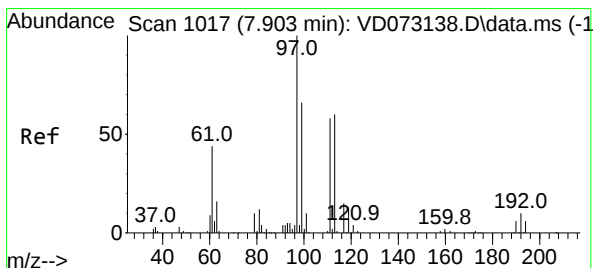
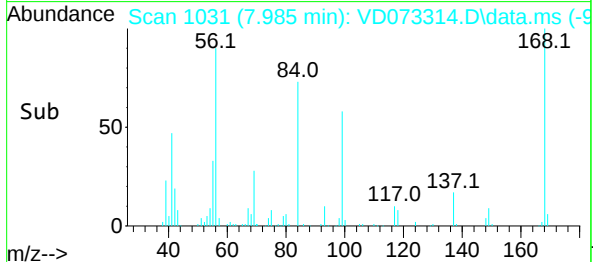
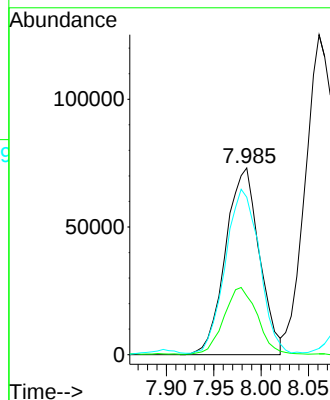
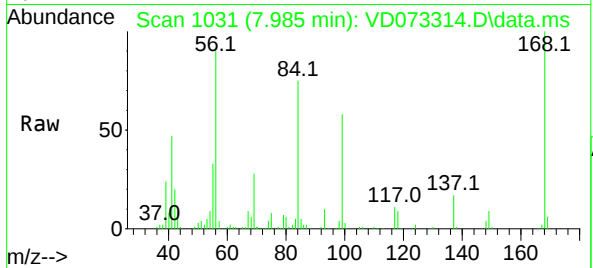
Tgt Ion: 56 Resp: 181416

Ion Ratio Lower Upper

56 100

69 31.2 25.4 38.2

84 83.2 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 50.161 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073314.D

Acq: 24 May 2022 07:13

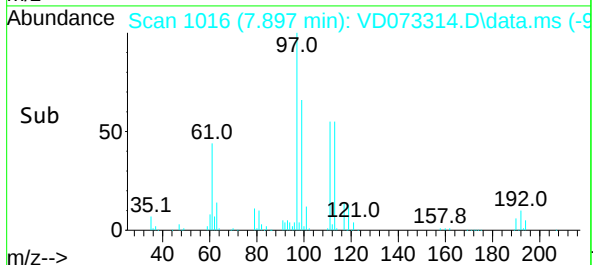
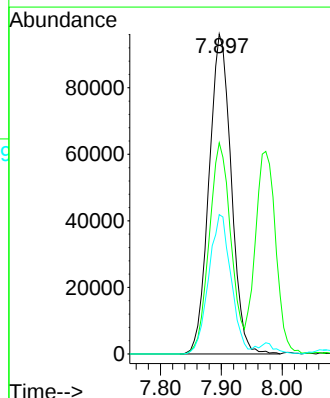
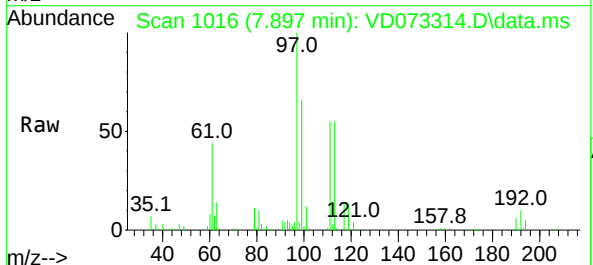
Tgt Ion: 97 Resp: 243374

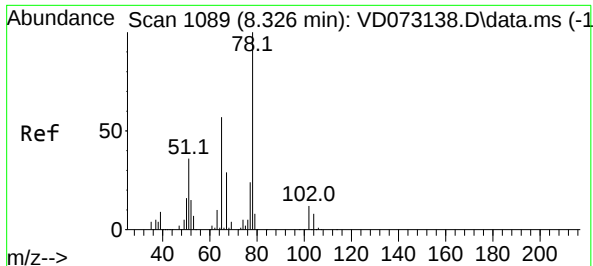
Ion Ratio Lower Upper

97 100

99 64.8 52.4 78.6

61 44.0 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 62.828 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073314.D

Acq: 24 May 2022 07:13

Instrument :

MSVOA_D

ClientSampleId :

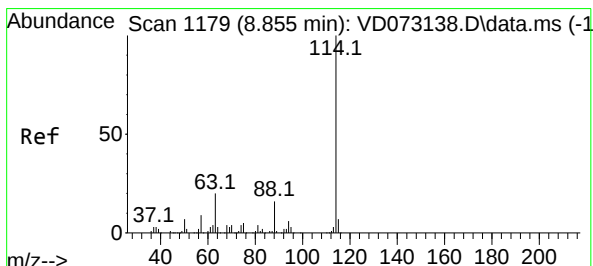
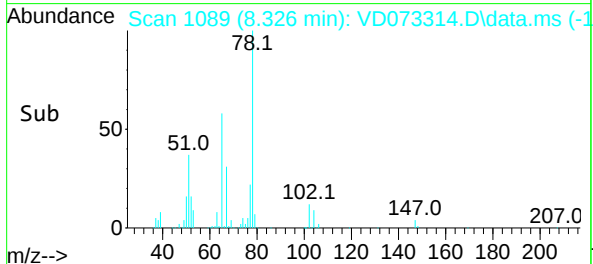
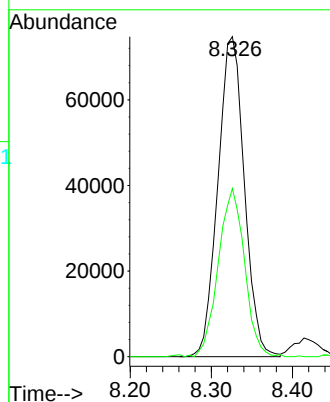
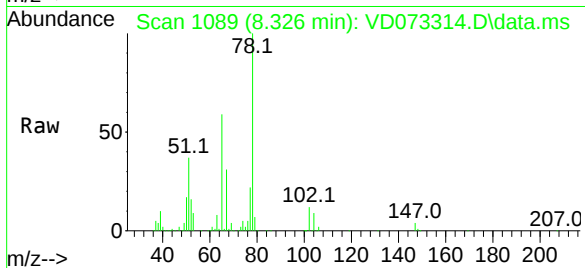
P044-SS001-0612-01MSD

Tgt Ion: 65 Resp: 169027

Ion Ratio Lower Upper

65 100

67 52.2 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: VD073314.D

Acq: 24 May 2022 07:13

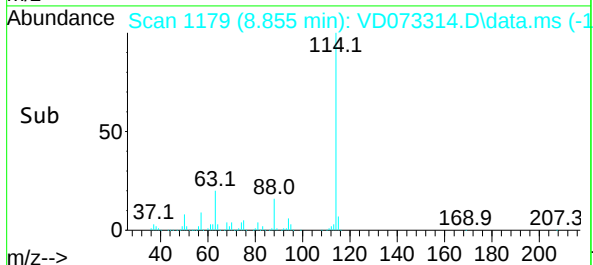
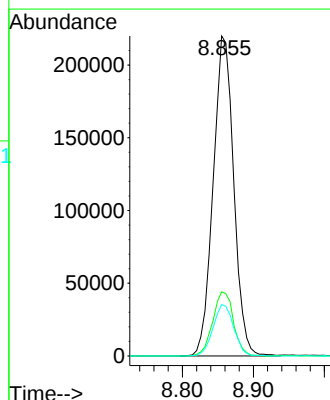
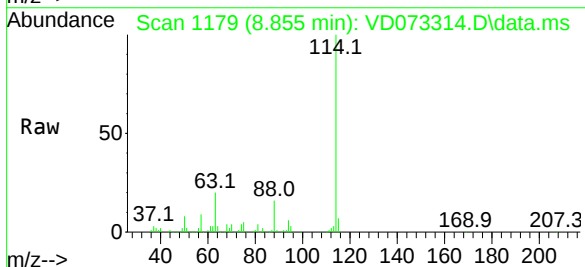
Tgt Ion: 114 Resp: 441541

Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

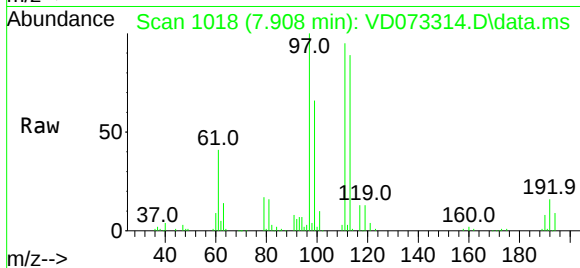
88 16.1 0.0 33.2



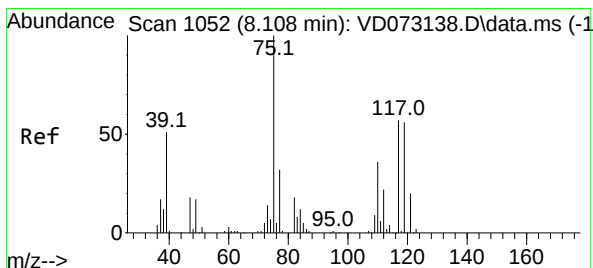
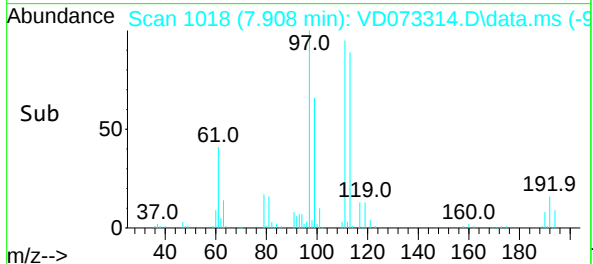
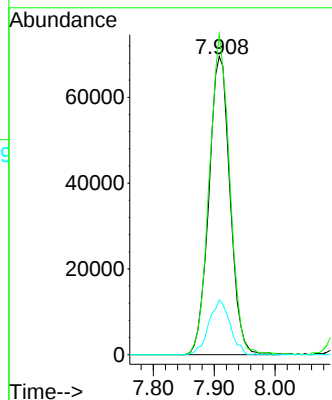


#35
Dibromofluoromethane
Concen: 57.478 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

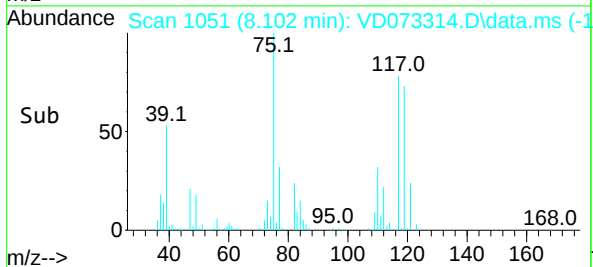
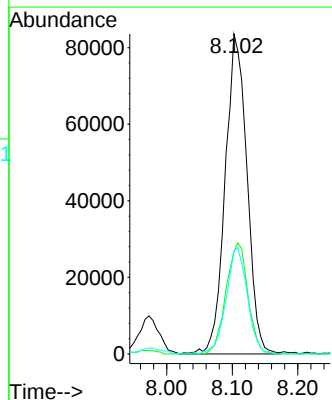
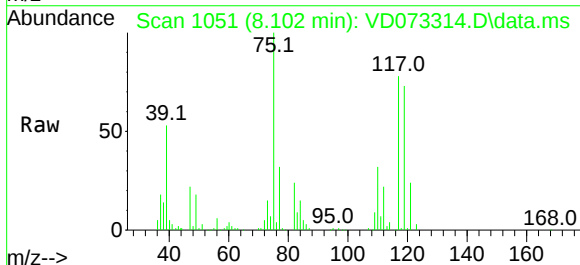


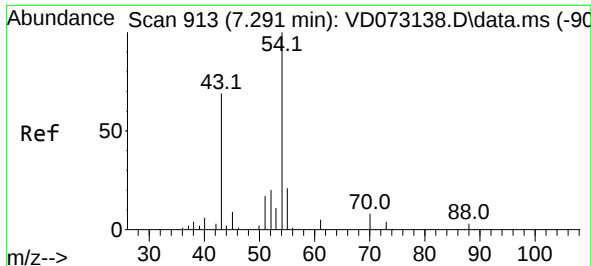
Tgt Ion:113 Resp: 167467
Ion Ratio Lower Upper
113 100
111 104.2 83.8 125.6
192 18.3 14.6 21.8



#36
1,1-Dichloropropene
Concen: 44.025 ug/l
RT: 8.102 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 75 Resp: 192917
Ion Ratio Lower Upper
75 100
110 34.8 16.4 49.1
77 32.4 24.2 36.2





#37

Ethyl Acetate

Concen: 22.825 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD073314.D

Acq: 24 May 2022 07:13

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MSD

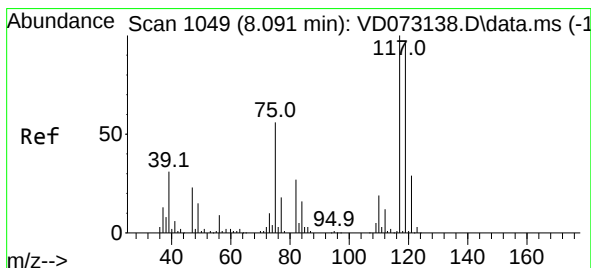
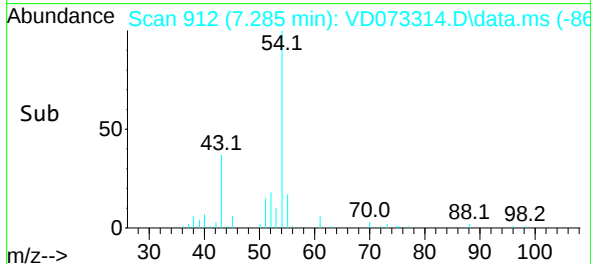
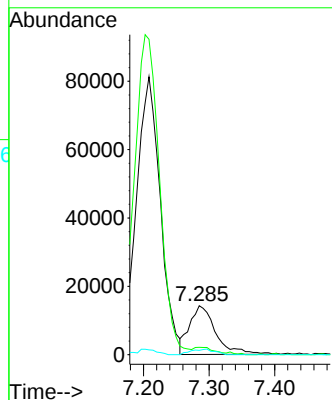
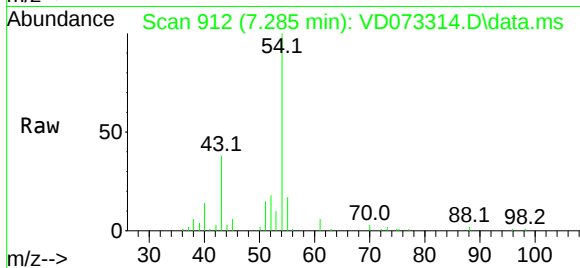
Tgt Ion: 43 Resp: 39506

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 10.2 6.9 10.3



#38

Carbon Tetrachloride

Concen: 46.246 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073314.D

Acq: 24 May 2022 07:13

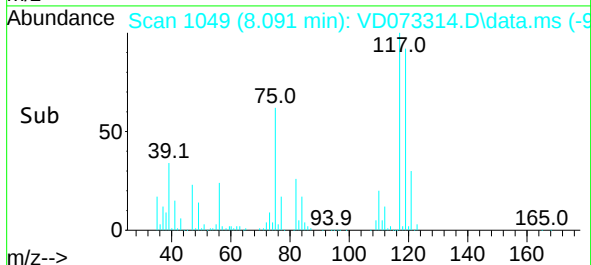
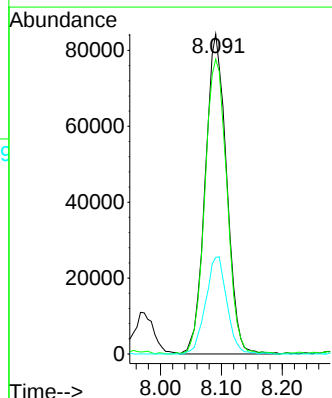
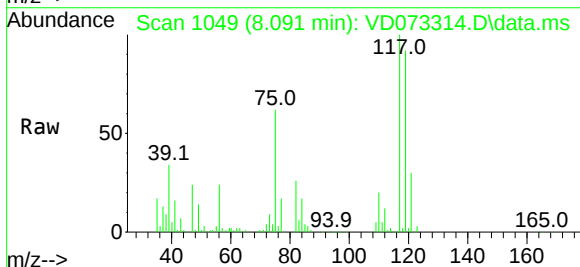
Tgt Ion: 117 Resp: 205418

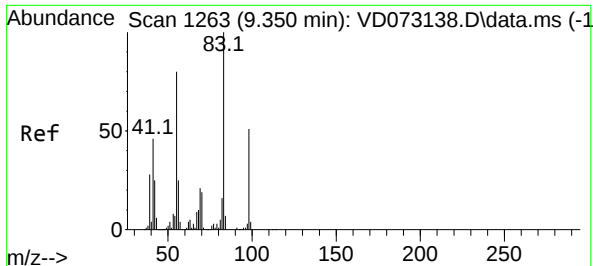
Ion Ratio Lower Upper

117 100

119 92.1 75.8 113.6

121 30.2 24.5 36.7





#39

Methylcyclohexane

Concen: 34.832 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073314.D

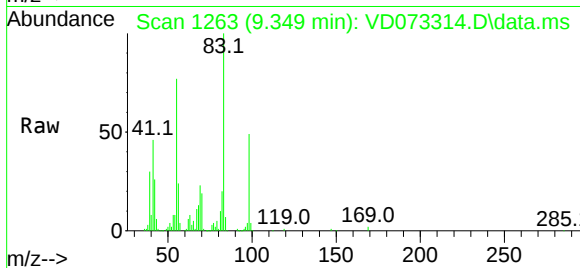
Acq: 24 May 2022 07:13

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MSD



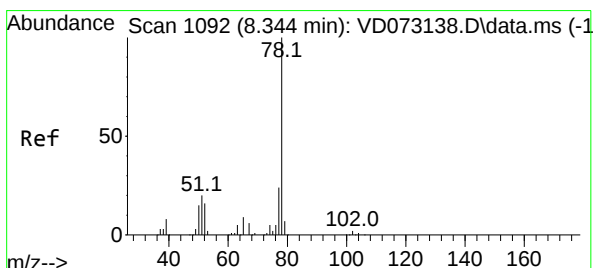
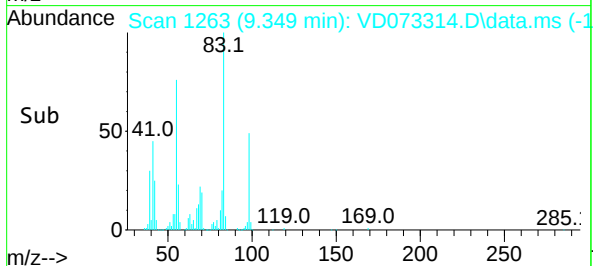
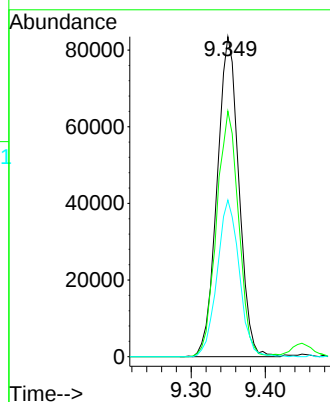
Tgt Ion: 83 Resp: 170104

Ion Ratio Lower Upper

83 100

55 76.7 63.2 94.8

98 48.9 38.2 57.4



#40

Benzene

Concen: 51.633 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073314.D

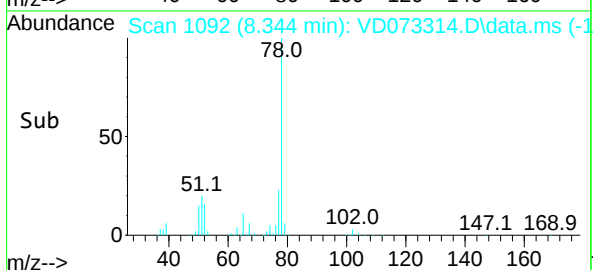
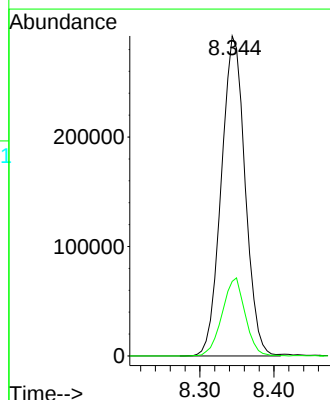
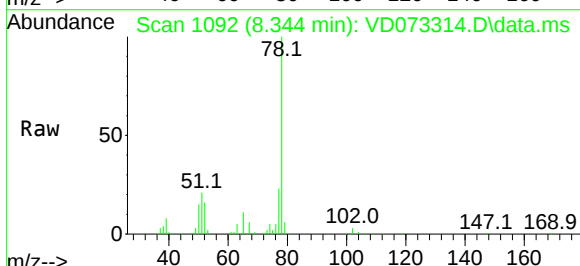
Acq: 24 May 2022 07:13

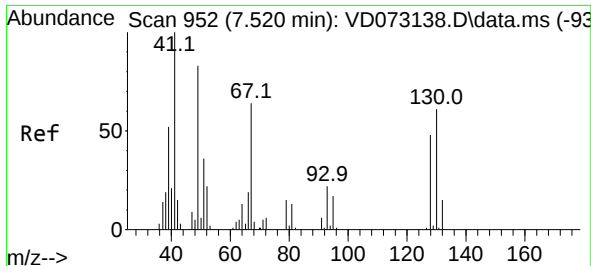
Tgt Ion: 78 Resp: 652062

Ion Ratio Lower Upper

78 100

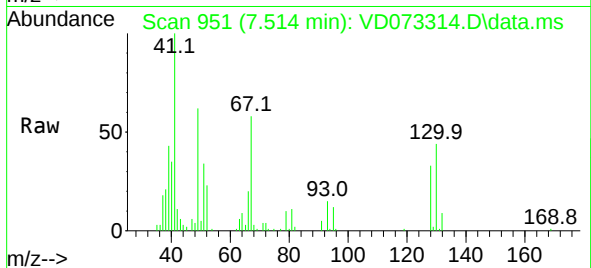
77 23.3 19.1 28.7



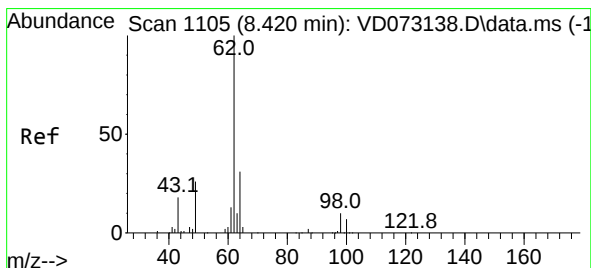
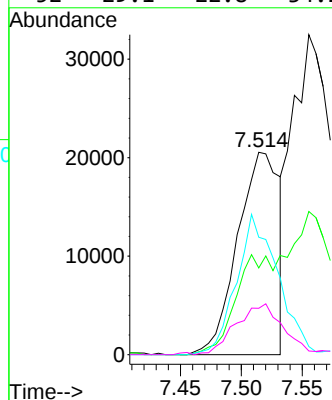
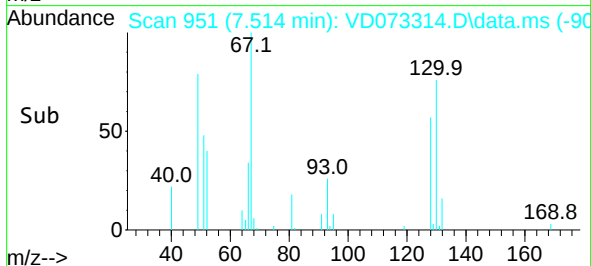


#41
Methacrylonitrile
Concen: 48.487 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

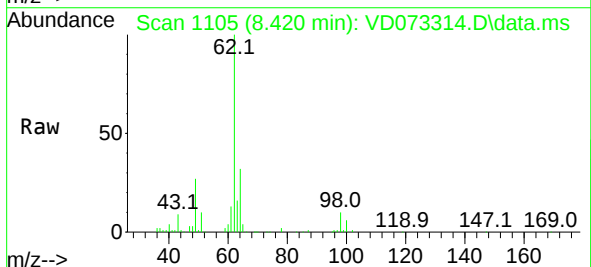
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD



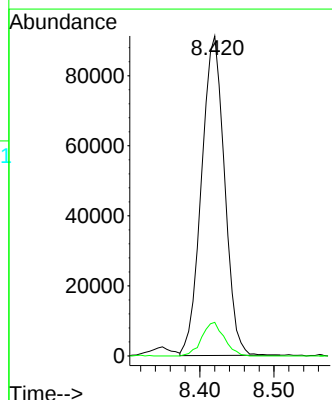
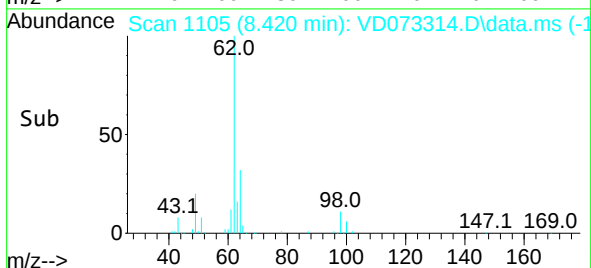
Tgt Ion: 41 Resp: 48897
Ion Ratio Lower Upper
41 100
39 30.3 44.6 67.0#
67 69.3 48.2 72.4
52 29.1 22.8 34.2

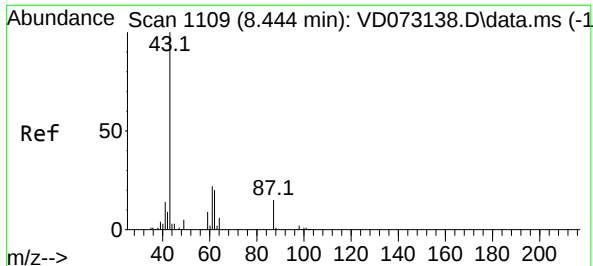


#42
1,2-Dichloroethane
Concen: 56.073 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13



Tgt Ion: 62 Resp: 197040
Ion Ratio Lower Upper
62 100
98 10.3 0.0 17.6





#43

Isopropyl Acetate

Concen: 32.478 ug/l

RT: 8.449 min Scan# 1110

Delta R.T. 0.005 min

Lab File: VD073314.D

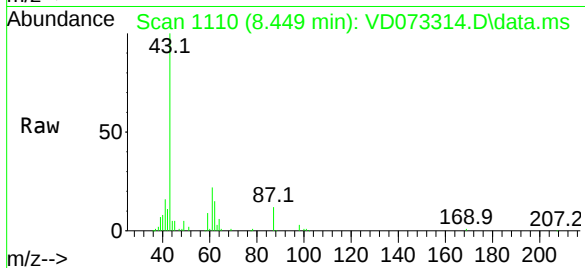
Acq: 24 May 2022 07:13

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MSD



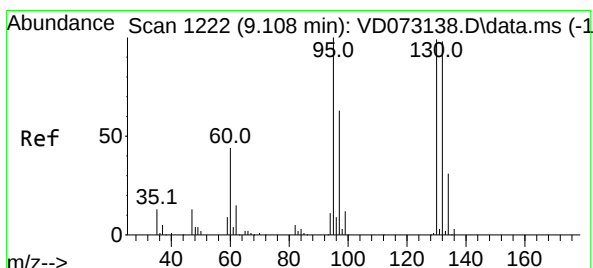
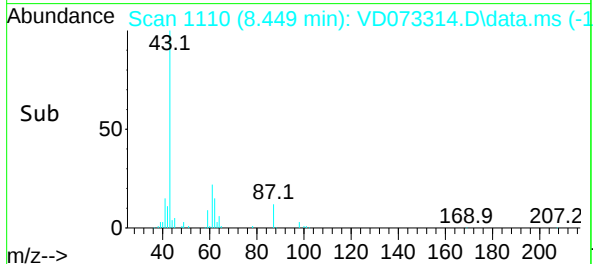
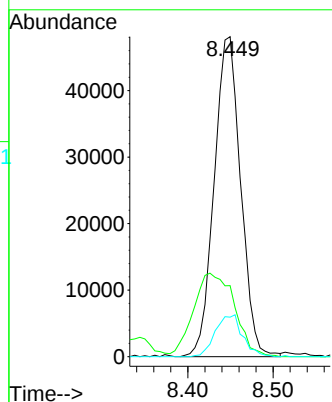
Tgt Ion: 43 Resp: 103906

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

87 13.5 8.7 13.1#



#44

Trichloroethene

Concen: 48.069 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD073314.D

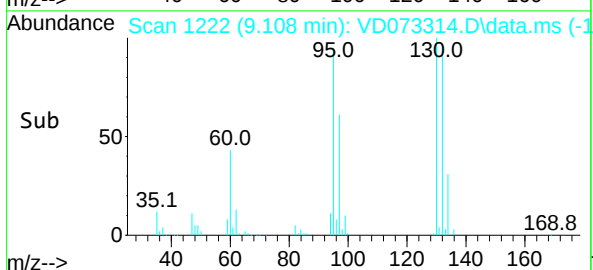
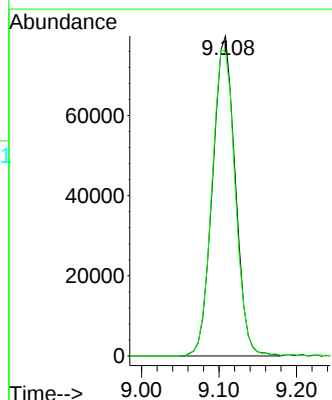
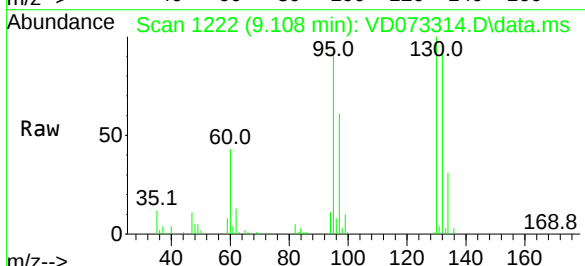
Acq: 24 May 2022 07:13

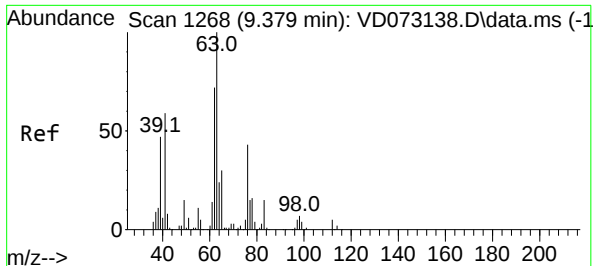
Tgt Ion:130 Resp: 161882

Ion Ratio Lower Upper

130 100

95 94.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 53.972 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073314.D

Acq: 24 May 2022 07:13

Instrument :

MSVOA_D

ClientSampleId :

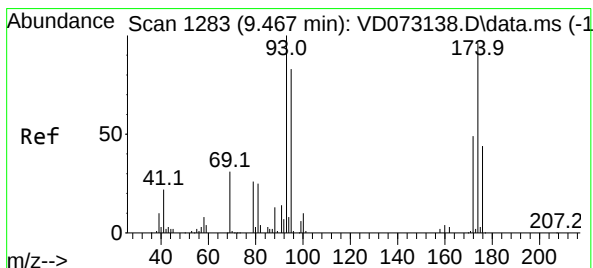
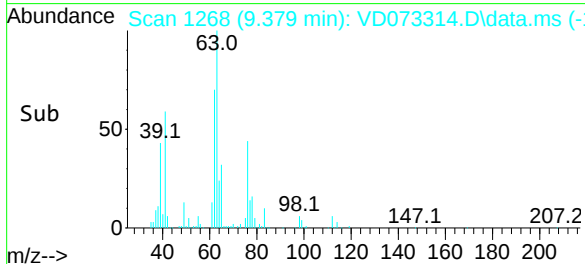
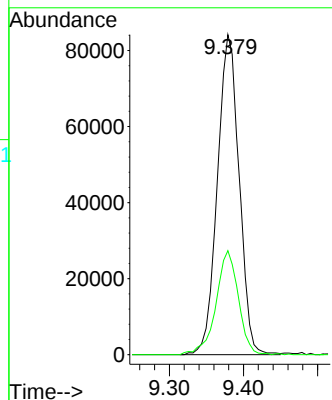
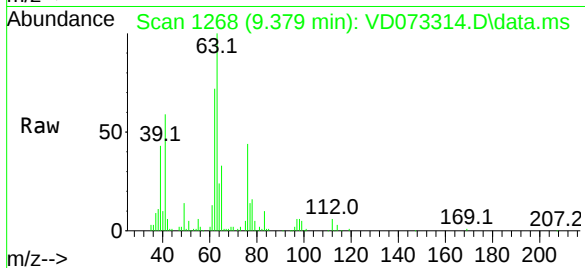
P044-SS001-0612-01MSD

Tgt Ion: 63 Resp: 171656

Ion Ratio Lower Upper

63 100

65 32.5 26.2 39.4



#46

Dibromomethane

Concen: 55.163 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073314.D

Acq: 24 May 2022 07:13

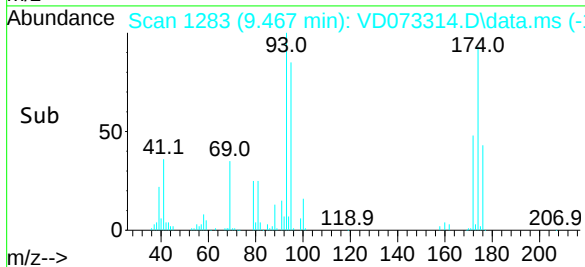
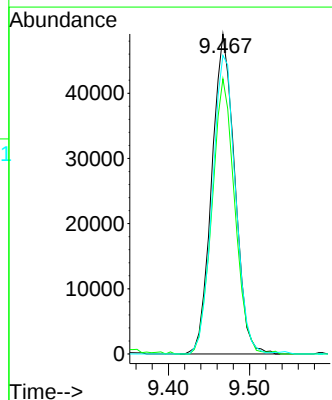
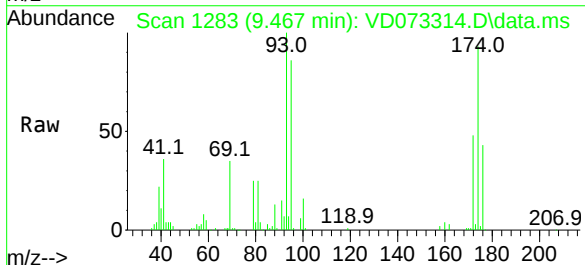
Tgt Ion: 93 Resp: 96357

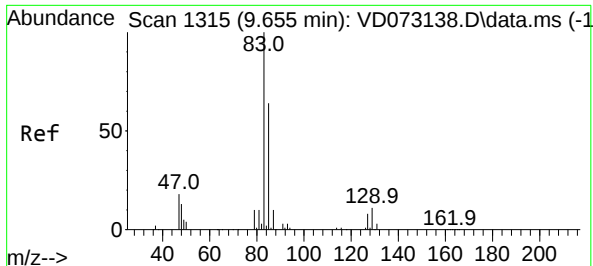
Ion Ratio Lower Upper

93 100

95 85.1 66.7 100.1

174 94.1 71.6 107.4

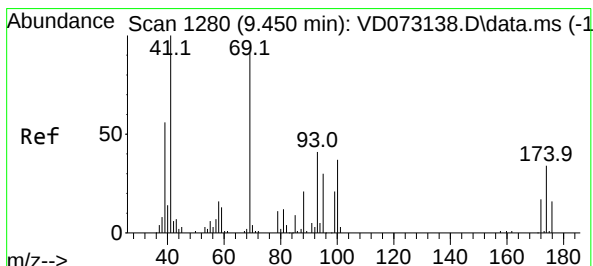
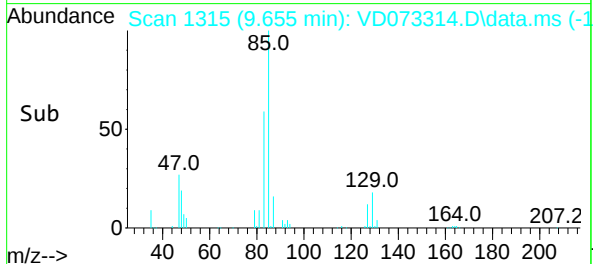
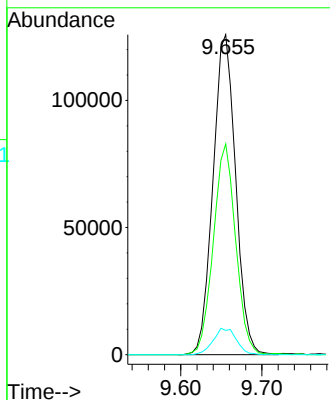
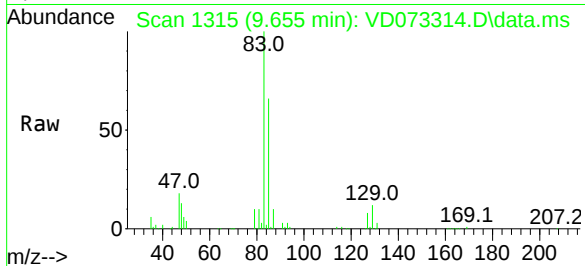




#47
Bromodichloromethane
Concen: 54.642 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

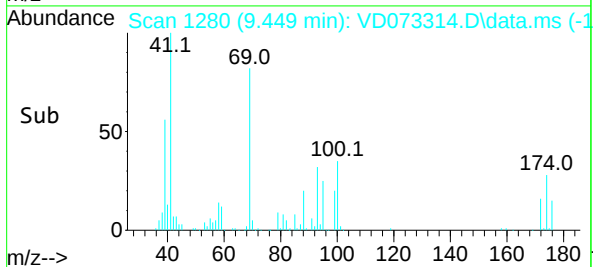
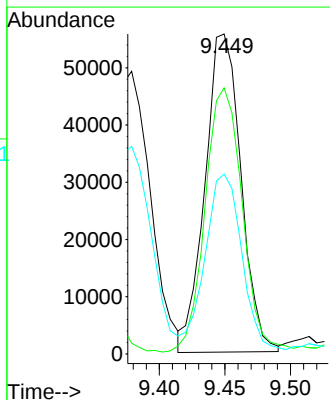
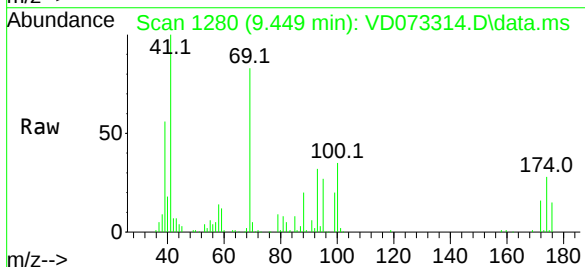
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

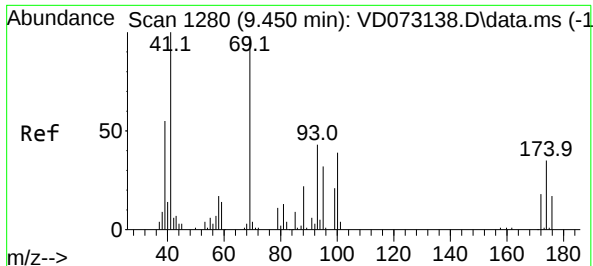
Tgt Ion: 83 Resp: 244219
Ion Ratio Lower Upper
83 100
85 65.8 51.4 77.0
127 7.6 6.1 9.1



#48
Methyl methacrylate
Concen: 65.857 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 41 Resp: 106002
Ion Ratio Lower Upper
41 100
69 85.7 56.7 85.1#
39 58.6 42.7 64.1

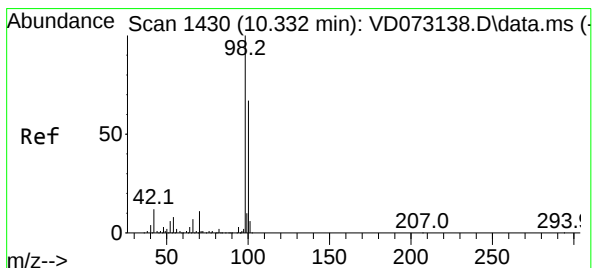
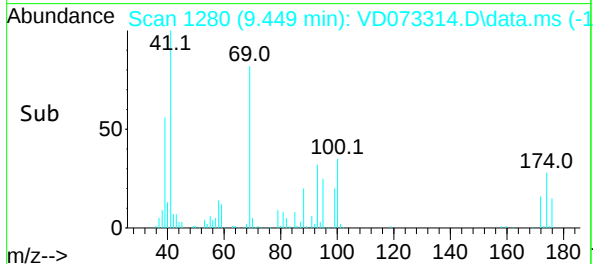
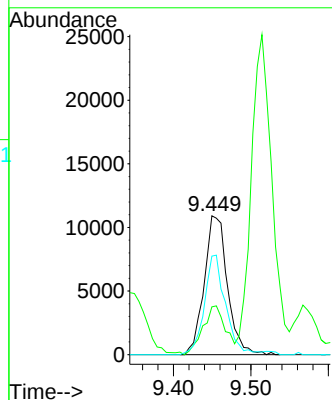
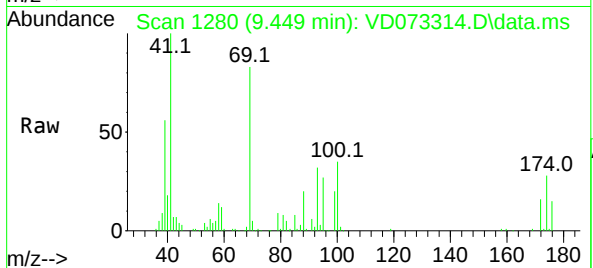




#49
1,4-Dioxane
Concen: 1260.838 ug/l
RT: 9.449 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

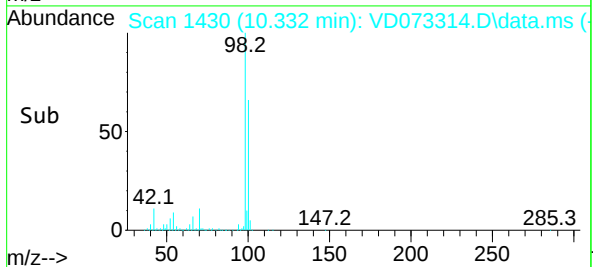
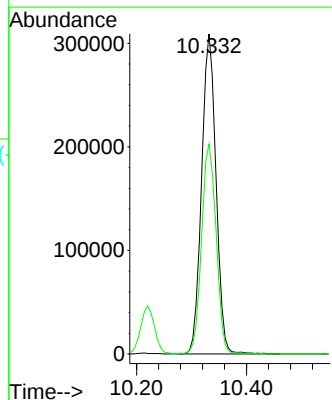
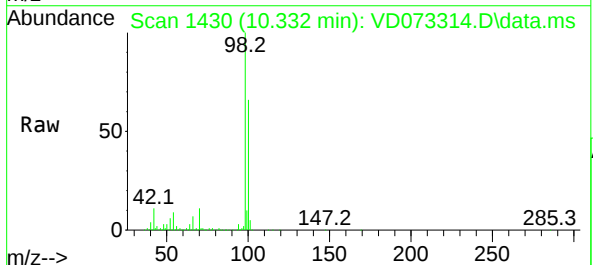
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

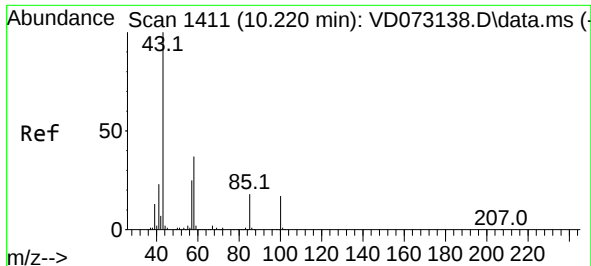
Tgt Ion: 88 Resp: 22744
Ion Ratio Lower Upper
88 100
43 34.1 31.0 46.4
58 65.4 58.1 87.1



#50
Toluene-d8
Concen: 52.302 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 98 Resp: 561736
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6

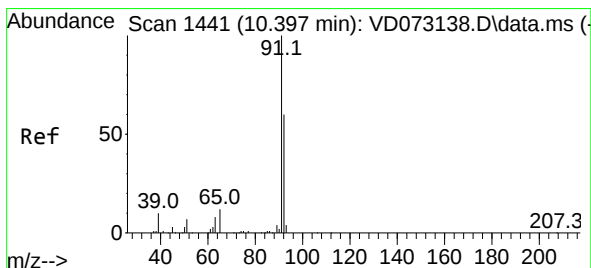
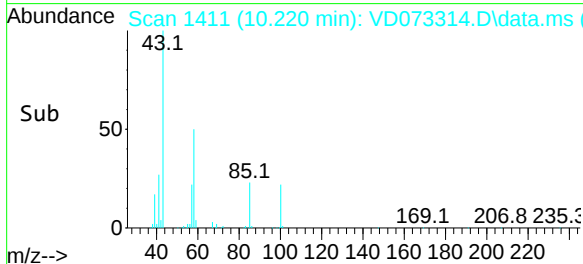
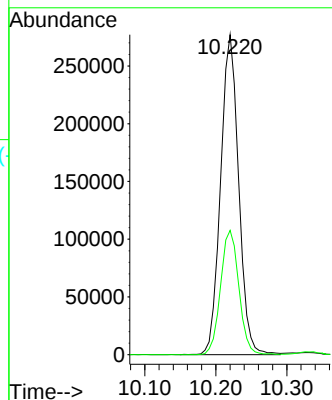
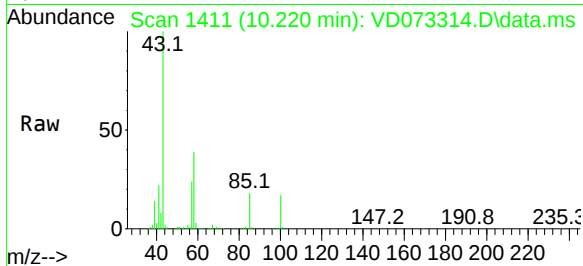




#51
4-Methyl-2-Pentanone
Concen: 293.817 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

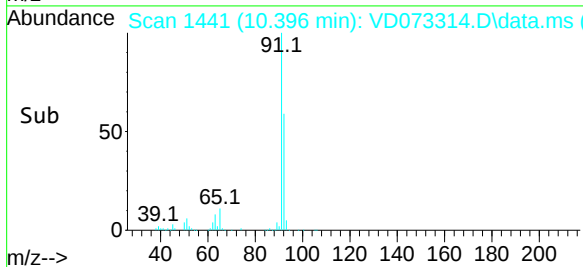
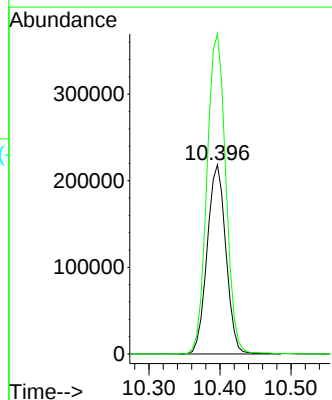
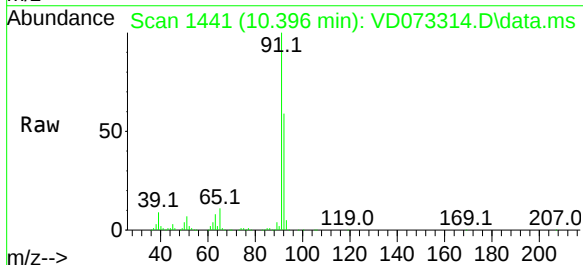
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

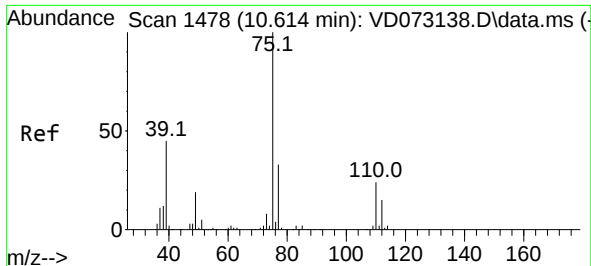
Tgt Ion: 43 Resp: 488215
Ion Ratio Lower Upper
43 100
58 39.4 28.6 43.0



#52
Toluene
Concen: 50.174 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 92 Resp: 400414
Ion Ratio Lower Upper
92 100
91 170.1 139.6 209.4

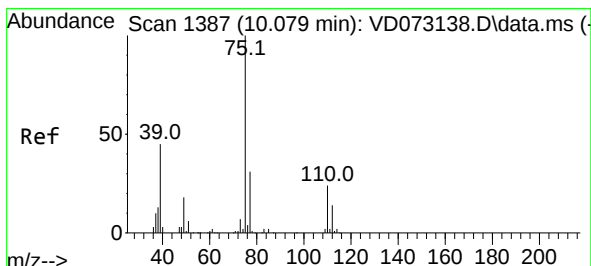
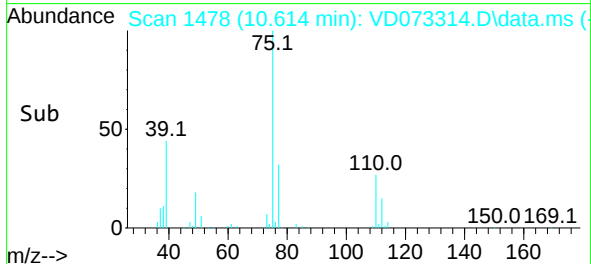
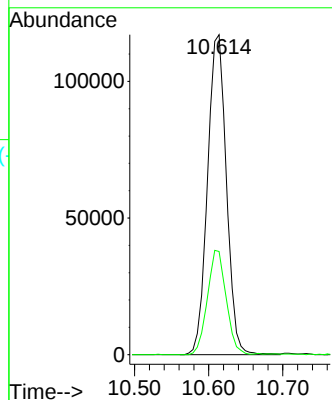
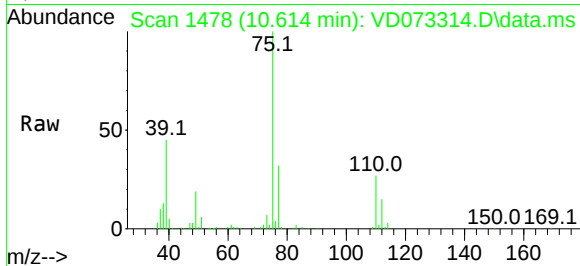




#53
t-1,3-Dichloropropene
Concen: 51.272 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

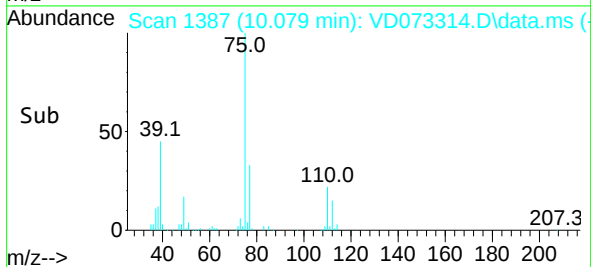
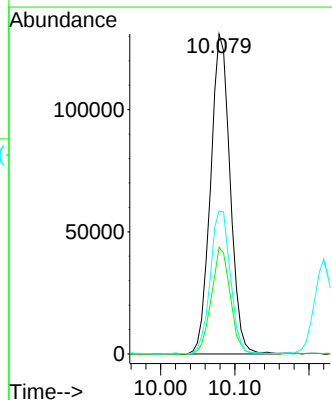
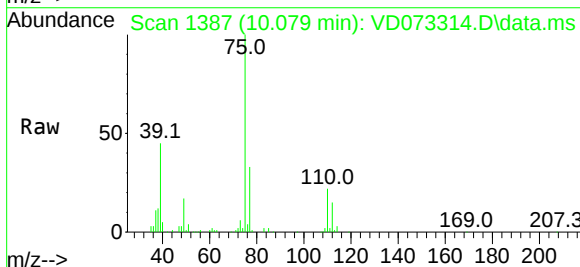
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

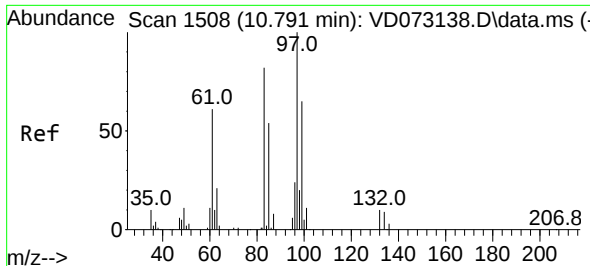
Tgt Ion: 75 Resp: 207026
Ion Ratio Lower Upper
75 100
77 32.3 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 49.687 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 75 Resp: 240083
Ion Ratio Lower Upper
75 100
77 33.3 24.8 37.2
39 44.5 46.8 70.2#



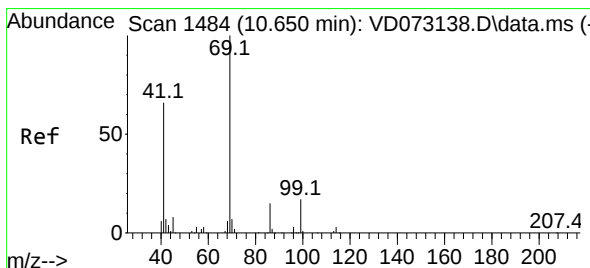
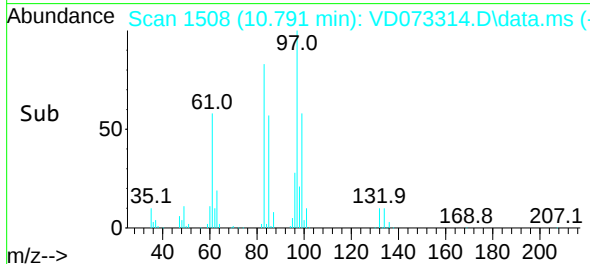
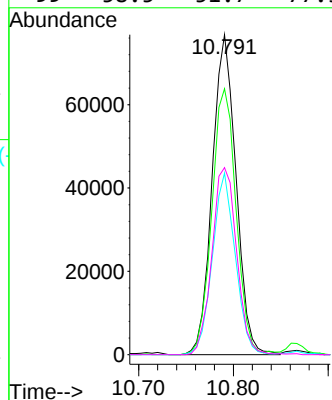
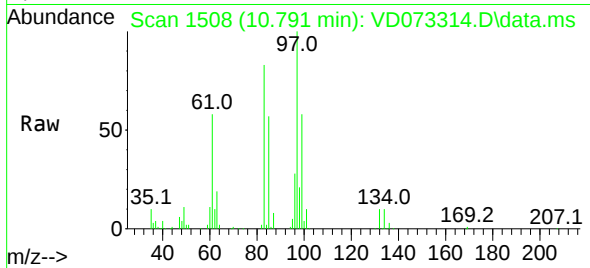


#55
1,1,2-Trichloroethane
Concen: 56.706 ug/l
RT: 10.791 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

Tgt Ion: 97 Resp: 133944

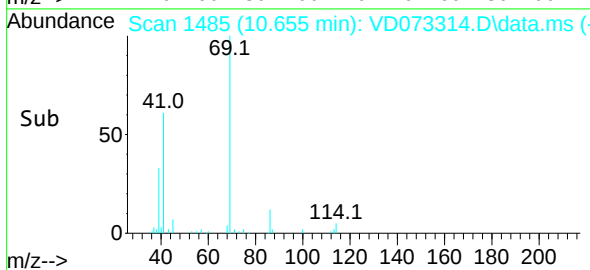
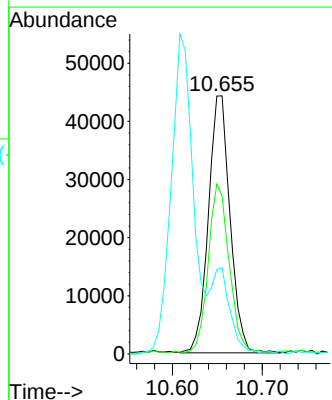
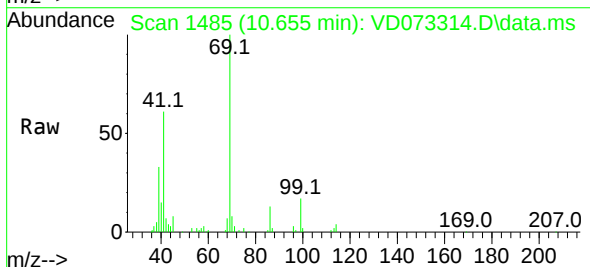
Ion	Ratio	Lower	Upper
97	100		
83	83.1	69.0	103.4
85	56.8	42.6	63.8
99	58.5	51.7	77.5

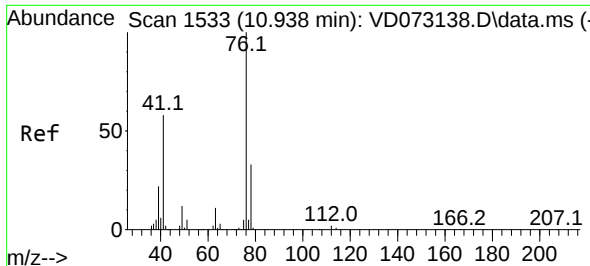


#56
Ethyl methacrylate
Concen: 28.270 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.005 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 69 Resp: 74244

Ion	Ratio	Lower	Upper
69	100		
41	63.5	63.0	94.6
39	27.9	33.8	50.8

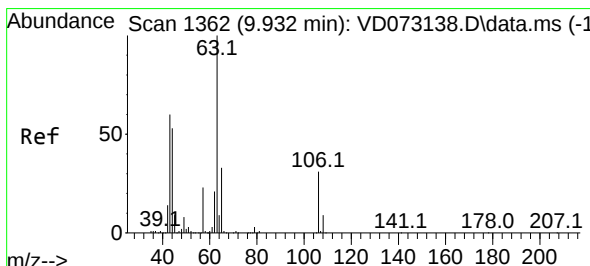
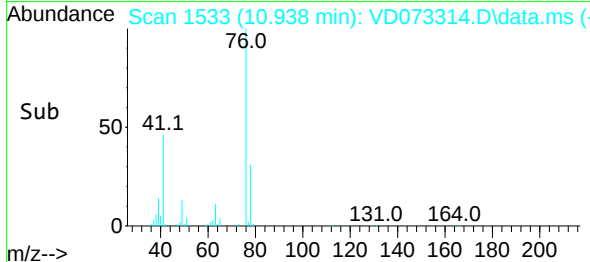
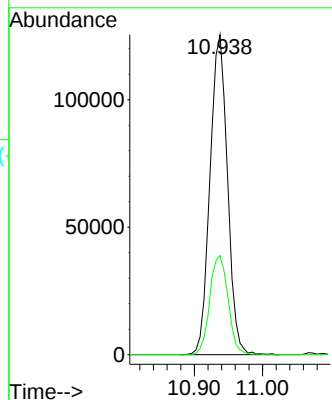
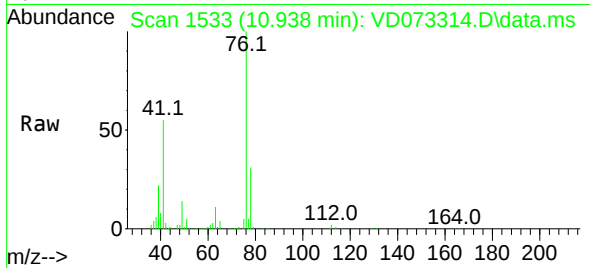




#57
1,3-Dichloropropane
Concen: 56.573 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

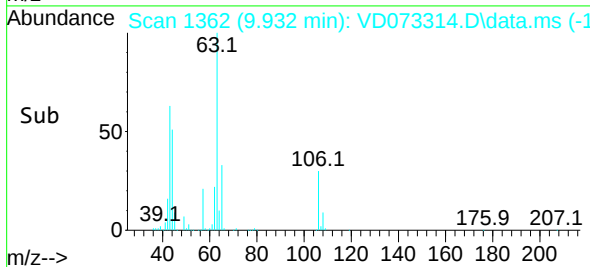
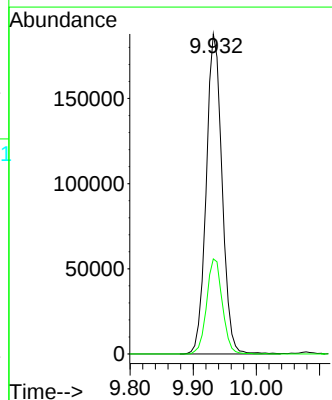
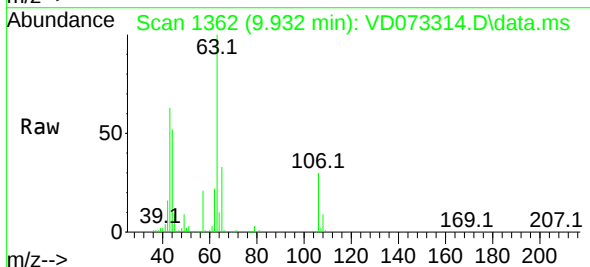
Instrument : MSVOA_D
ClientSampleId : P044-SS001-0612-01MSD

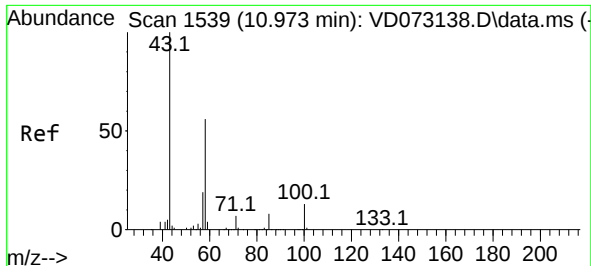
Tgt Ion: 76 Resp: 224219
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 261.144 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 63 Resp: 327157
Ion Ratio Lower Upper
63 100
106 29.4 21.4 32.0

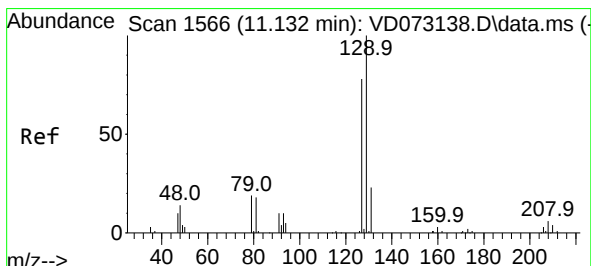
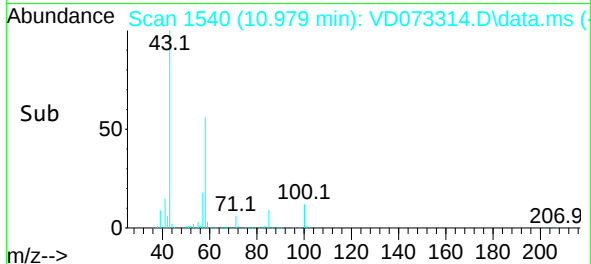
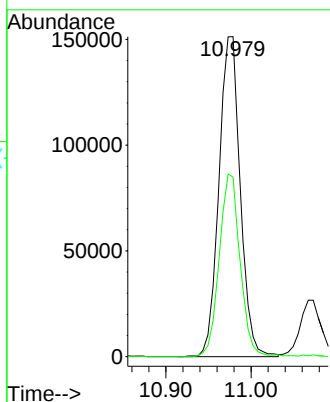
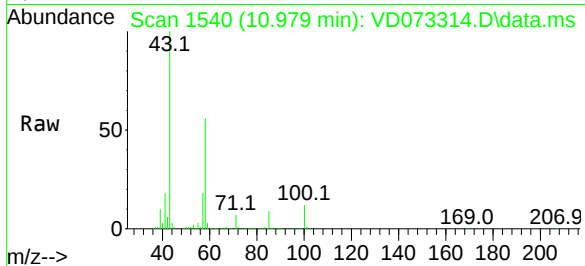




#59
2-Hexanone
Concen: 240.662 ug/l
RT: 10.979 min Scan# 1539
Delta R.T. 0.006 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

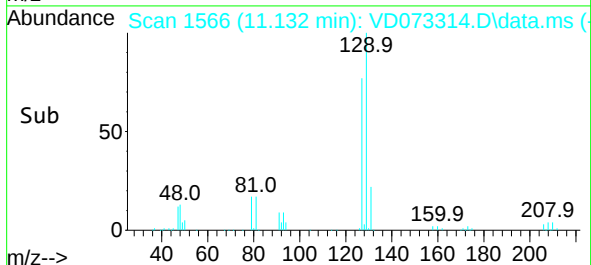
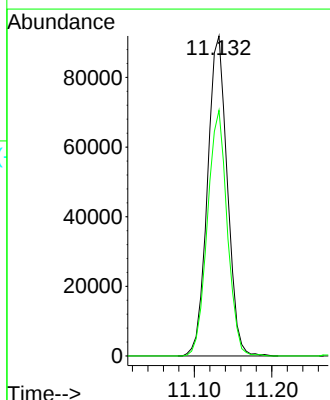
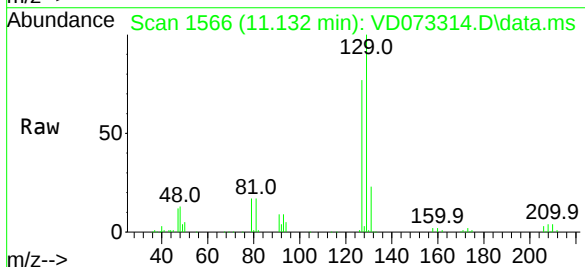
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

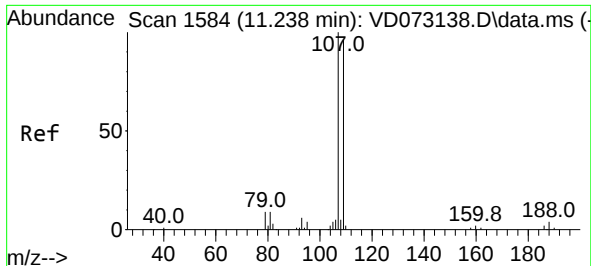
Tgt Ion: 43 Resp: 263642
Ion Ratio Lower Upper
43 100
58 55.8 25.3 75.9



#60
Dibromochloromethane
Concen: 55.545 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion:129 Resp: 163598
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6

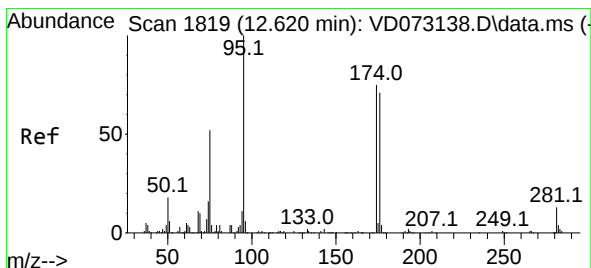
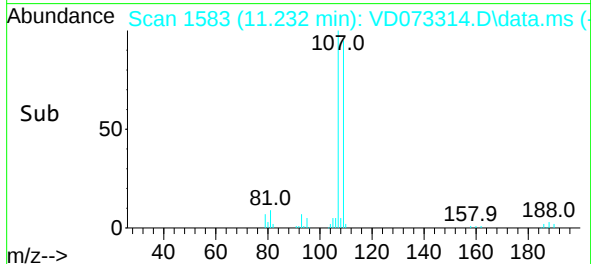
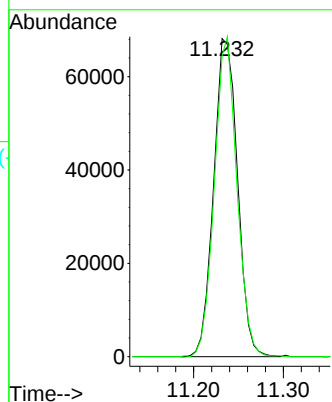
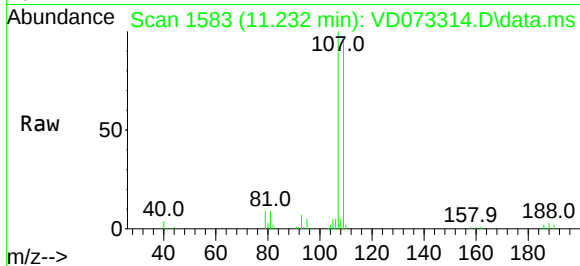




#61
1,2-Dibromoethane
Concen: 55.683 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

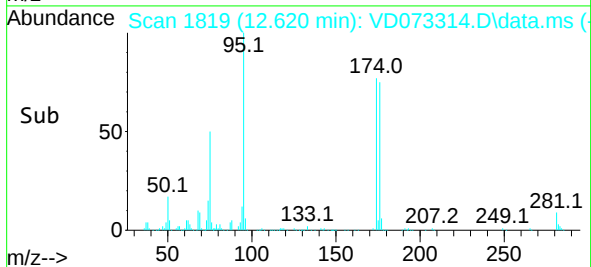
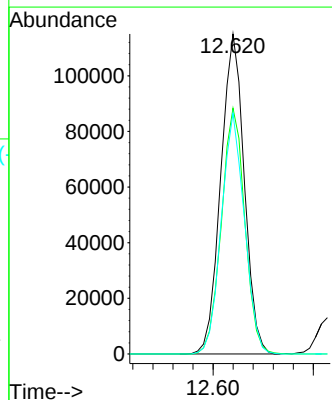
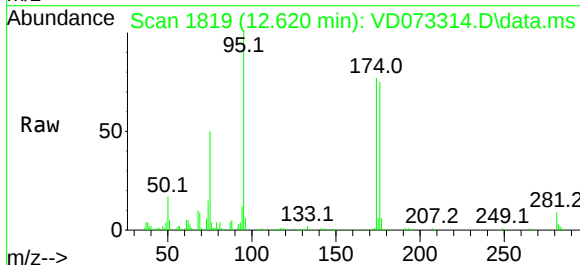
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

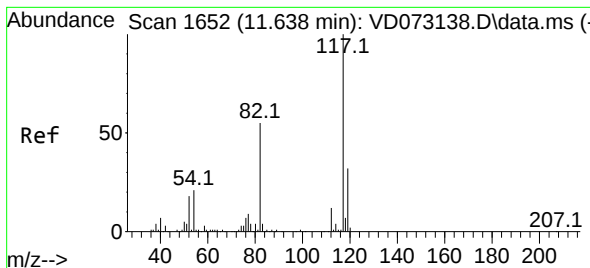
Tgt Ion:107 Resp: 125684
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.451 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 95 Resp: 186390
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.8
176 74.0 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073314.D

Acq: 24 May 2022 07:13

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MSD

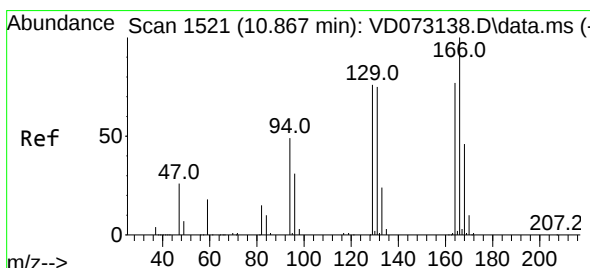
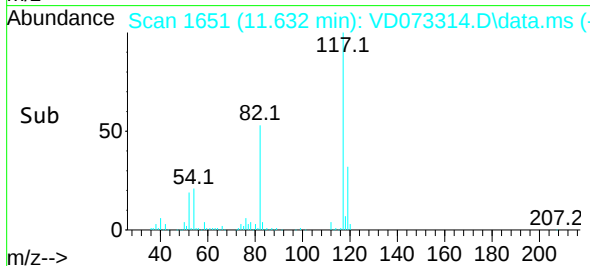
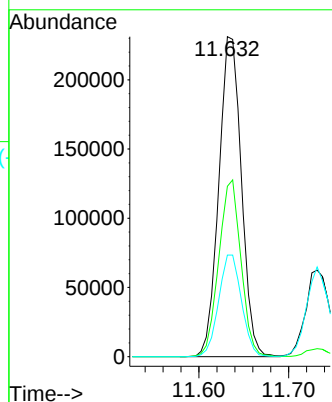
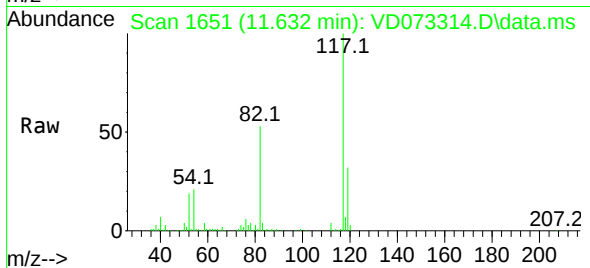
Tgt Ion:117 Resp: 404062

Ion Ratio Lower Upper

117 100

82 53.2 45.3 67.9

119 31.8 26.6 40.0



#64

Tetrachloroethene

Concen: 58.636 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073314.D

Acq: 24 May 2022 07:13

Tgt Ion:164 Resp: 155181

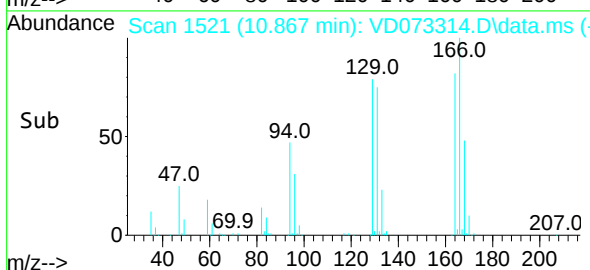
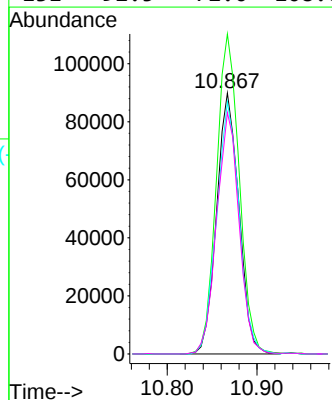
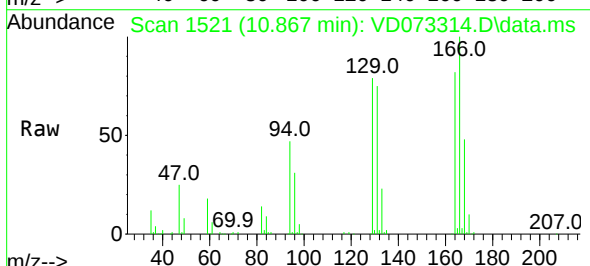
Ion Ratio Lower Upper

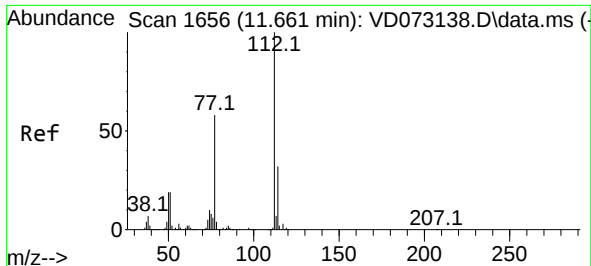
164 100

166 122.6 98.5 147.7

129 96.6 74.6 111.8

131 92.5 72.0 108.0

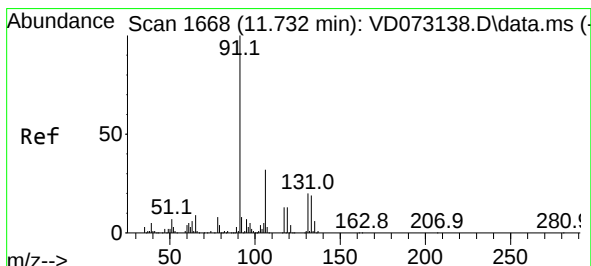
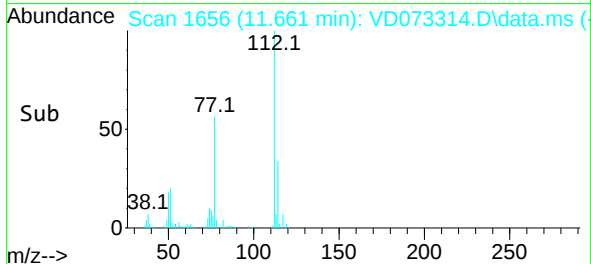
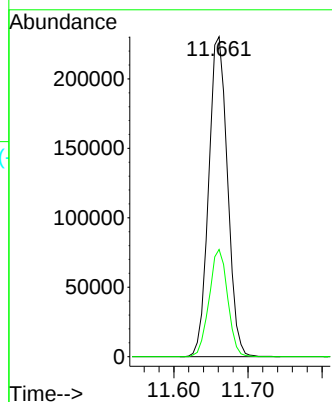
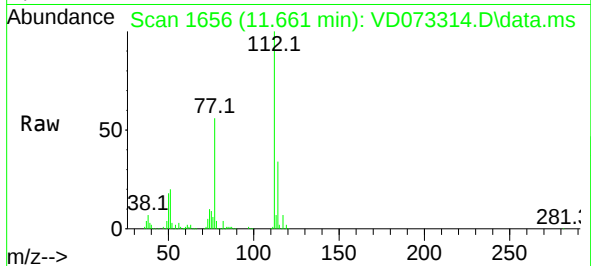




#65
Chlorobenzene
Concen: 48.978 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

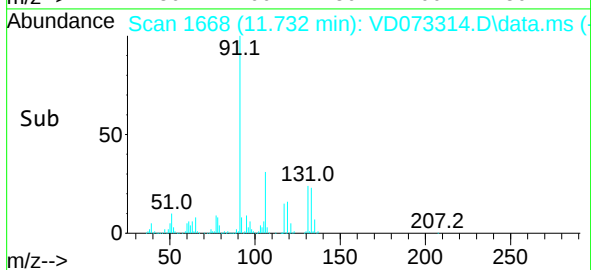
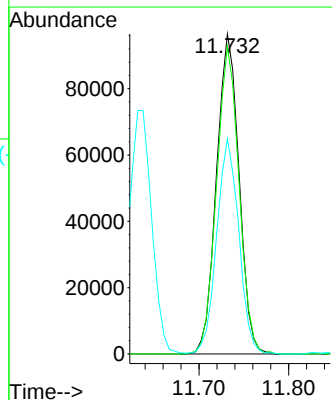
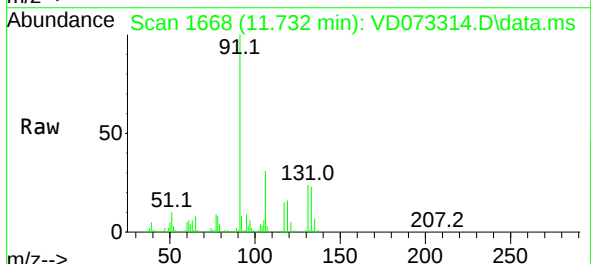
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

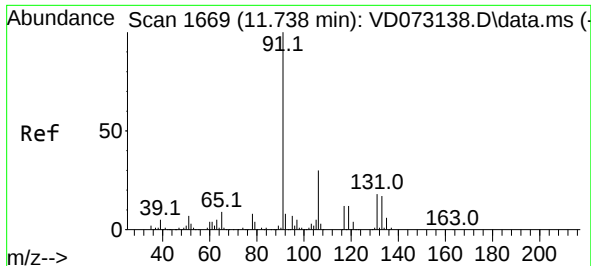
Tgt Ion:112 Resp: 405988
Ion Ratio Lower Upper
112 100
114 33.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.633 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion:131 Resp: 167955
Ion Ratio Lower Upper
131 100
133 96.0 48.1 144.3
119 66.3 31.9 95.9





#67

Ethyl Benzene

Concen: 47.593 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD073314.D

Acq: 24 May 2022 07:13

Instrument :

MSVOA_D

ClientSampleId :

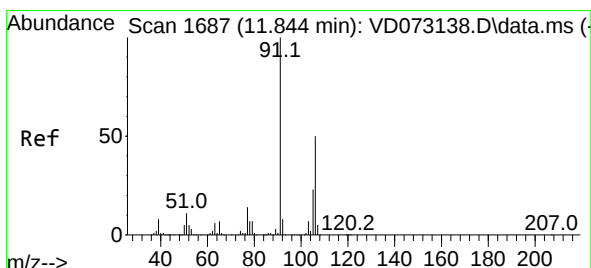
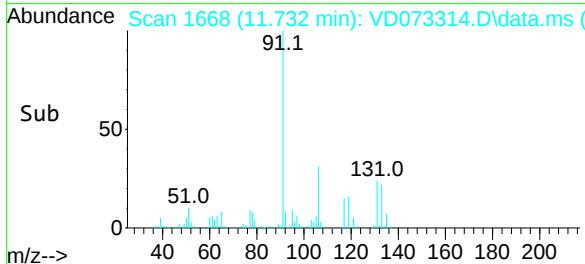
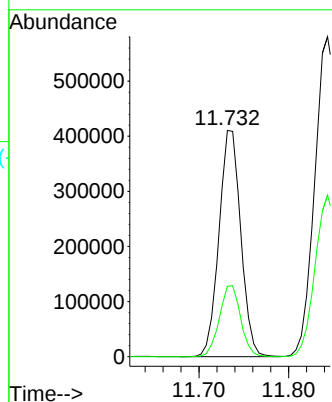
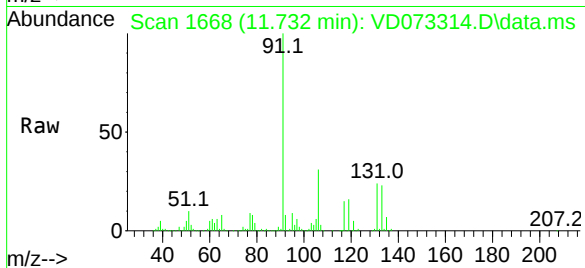
P044-SS001-0612-01MSD

Tgt Ion: 91 Resp: 692554

Ion Ratio Lower Upper

91 100

106 31.1 24.2 36.4



#68

m/p-Xylenes

Concen: 96.516 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.001 min

Lab File: VD073314.D

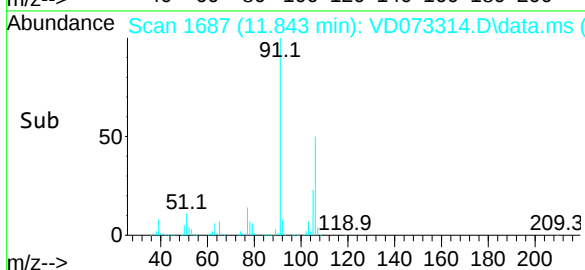
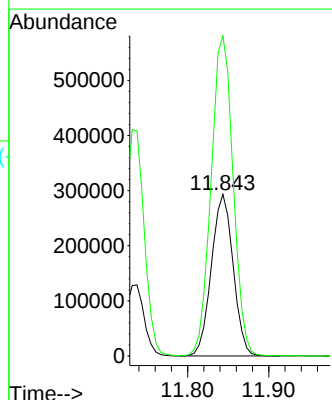
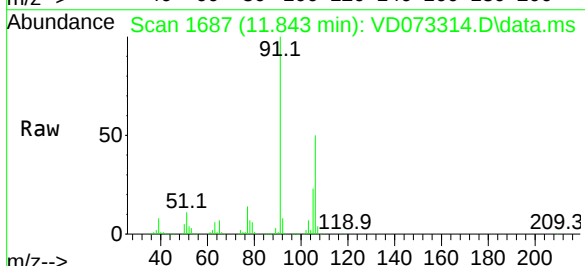
Acq: 24 May 2022 07:13

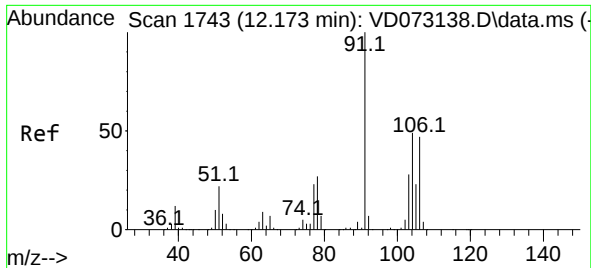
Tgt Ion: 106 Resp: 545649

Ion Ratio Lower Upper

106 100

91 200.5 163.7 245.5

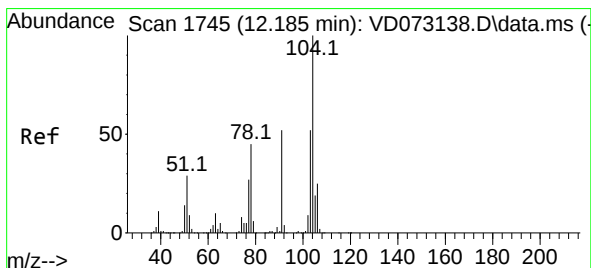
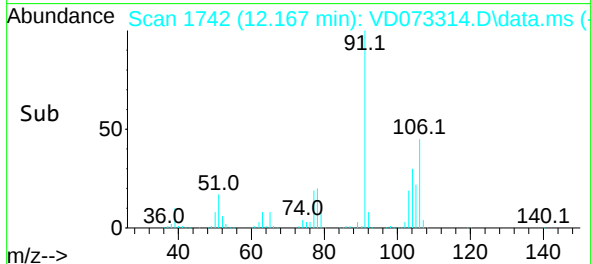
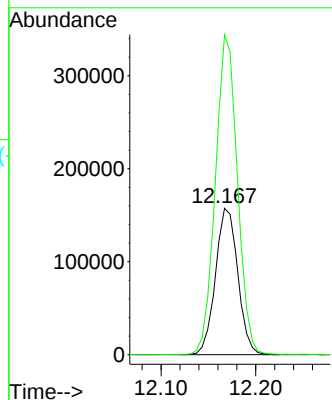
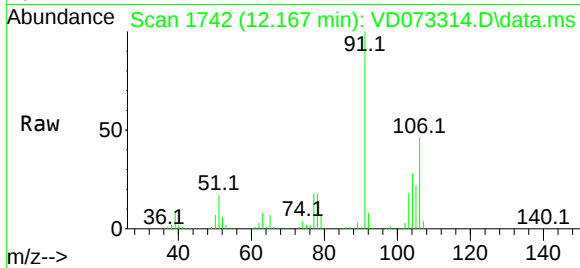




#69
o-Xylene
Concen: 49.683 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

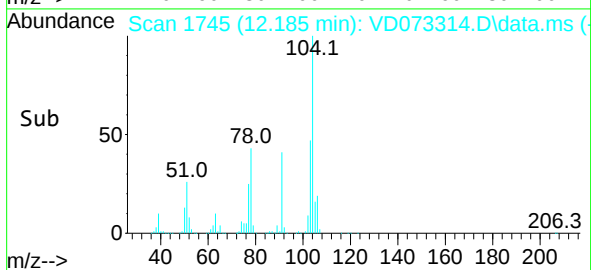
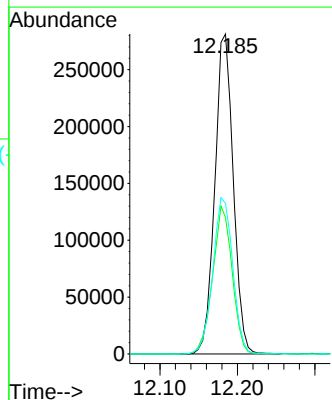
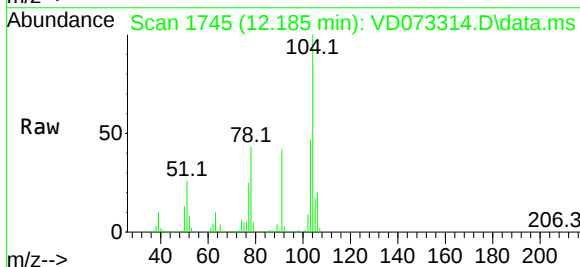
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

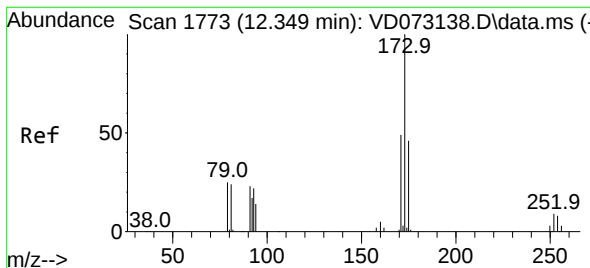
Tgt Ion:106 Resp: 258033
Ion Ratio Lower Upper
106 100
91 216.0 110.4 331.2



#70
Styrene
Concen: 52.149 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion:104 Resp: 465975
Ion Ratio Lower Upper
104 100
78 48.7 41.8 62.8
103 52.9 44.2 66.4





#71

Bromoform

Concen: 55.653 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073314.D

Acq: 24 May 2022 07:13

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MSD

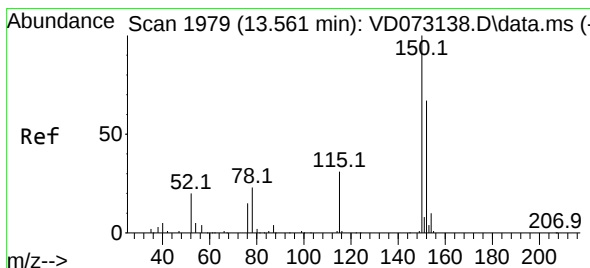
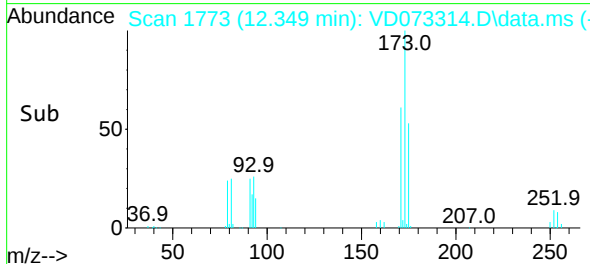
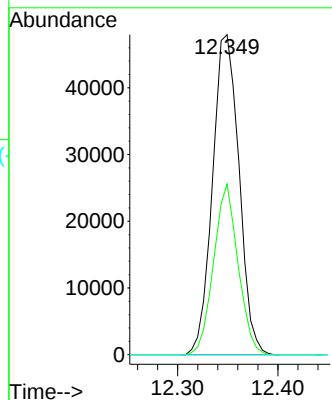
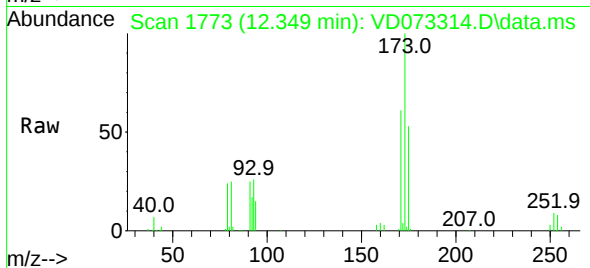
Tgt Ion:173 Resp: 88055

Ion Ratio Lower Upper

173 100

175 49.0 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: VD073314.D

Acq: 24 May 2022 07:13

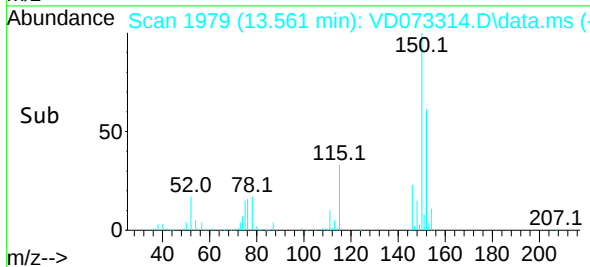
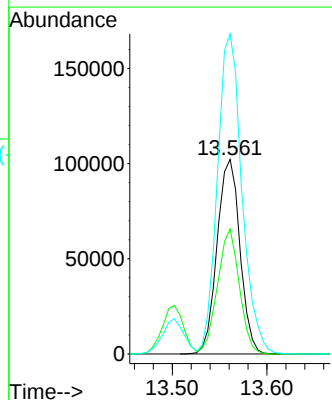
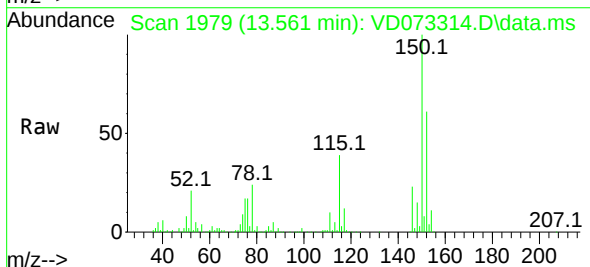
Tgt Ion:152 Resp: 171392

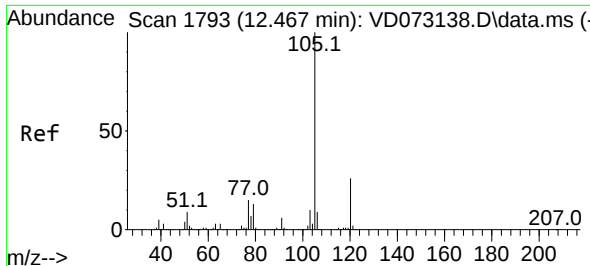
Ion Ratio Lower Upper

152 100

115 61.5 31.3 93.8

150 176.6 0.0 348.6

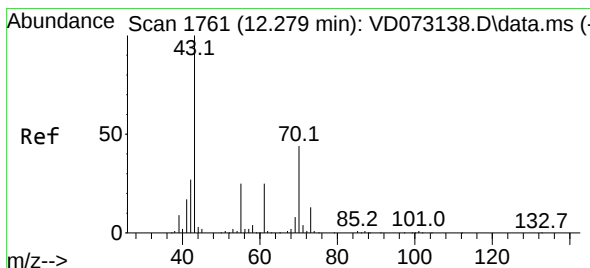
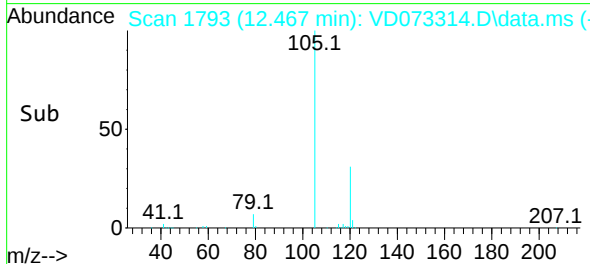
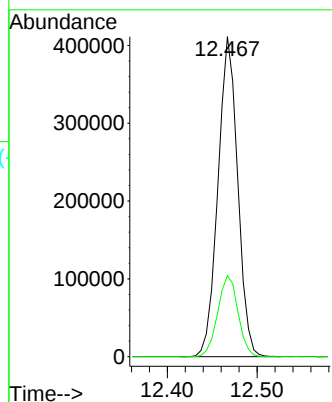
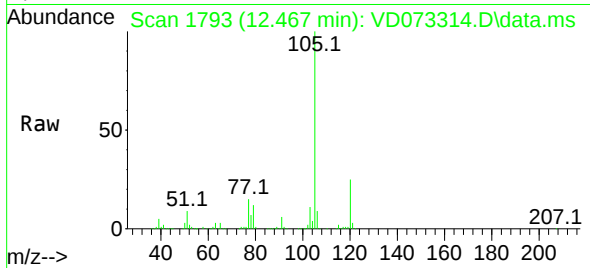




#73
Isopropylbenzene
Concen: 51.318 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

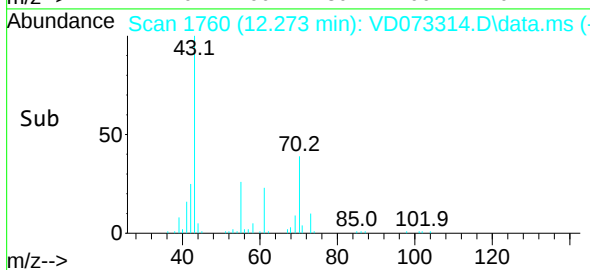
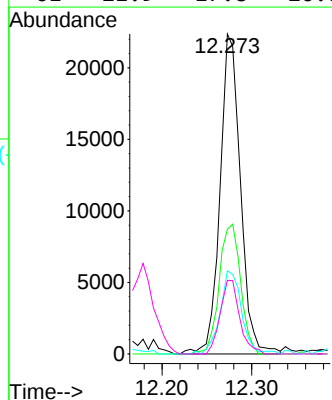
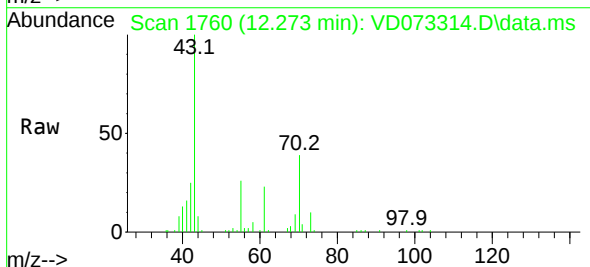
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

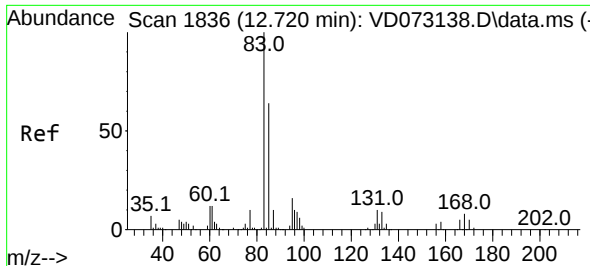
Tgt Ion:105 Resp: 627021
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 13.273 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 43 Resp: 35380
Ion Ratio Lower Upper
43 100
70 42.4 31.3 46.9
55 27.4 20.0 30.0
61 21.9 17.8 26.8

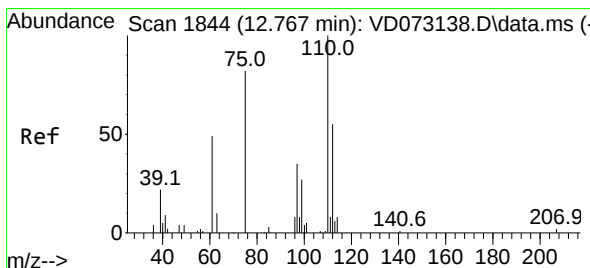
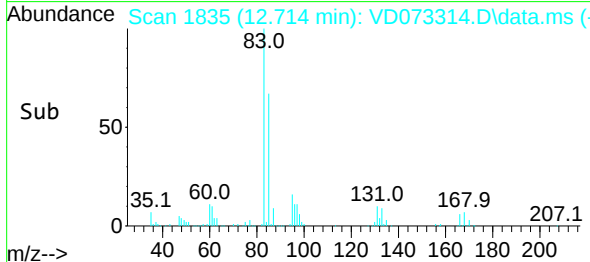
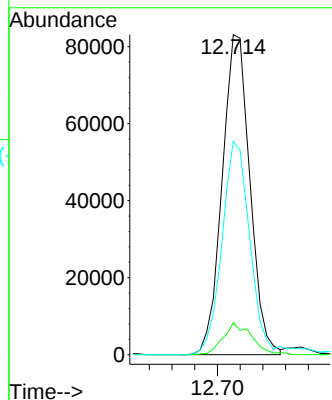
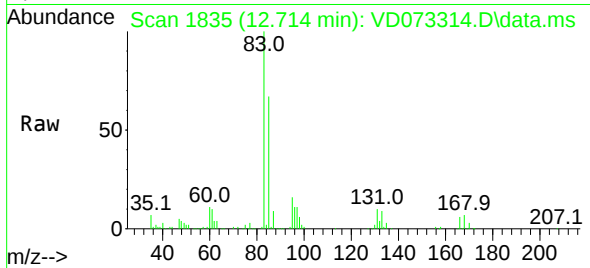




#75
1,1,2,2-Tetrachloroethane
Concen: 62.543 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

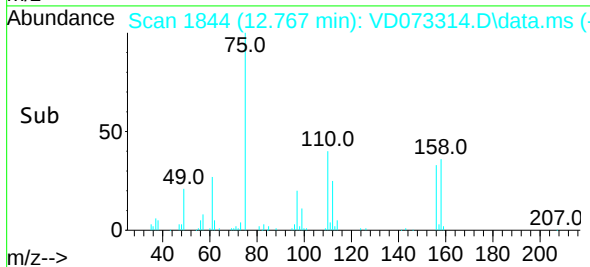
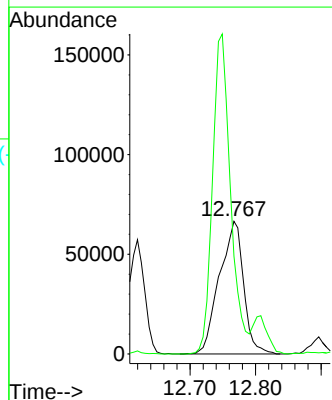
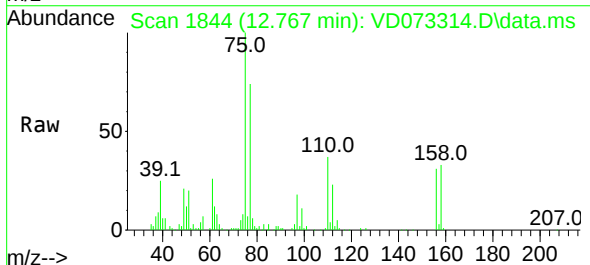
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

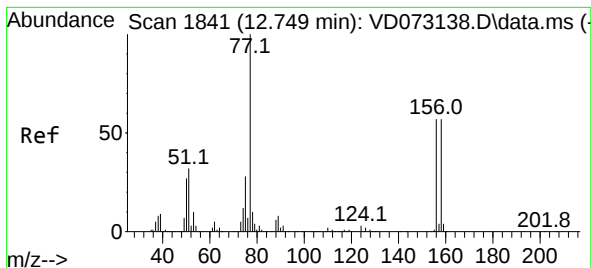
Tgt Ion: 83 Resp: 140937
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 68.7 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 101.279 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 75 Resp: 170316
Ion Ratio Lower Upper
75 100
77 180.3 0.0 0.0#





#77

Bromobenzene

Concen: 55.644 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073314.D

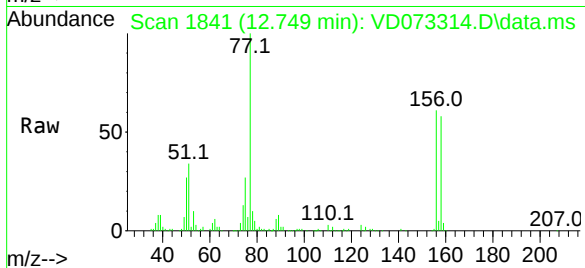
Acq: 24 May 2022 07:13

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MSD



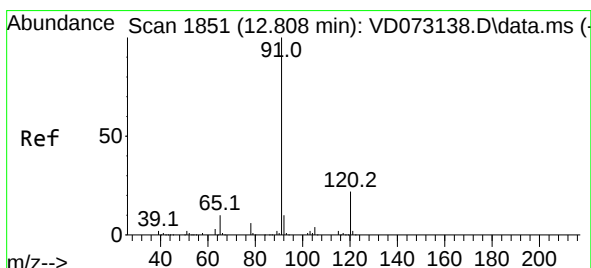
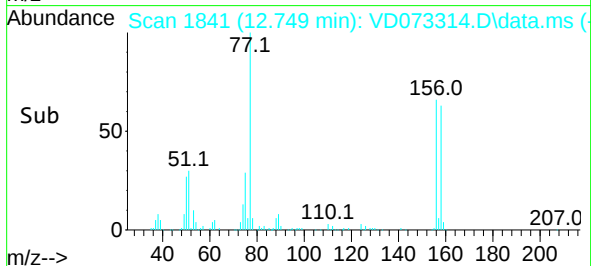
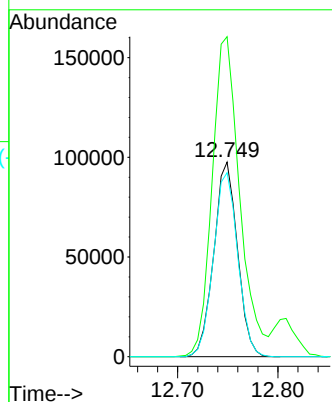
Tgt Ion:156 Resp: 160045

Ion	Ratio	Lower	Upper
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156	100		
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77	191.9	102.8	308.3
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158	97.3	48.7	146.1
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#78

n-propylbenzene

Concen: 49.481 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073314.D

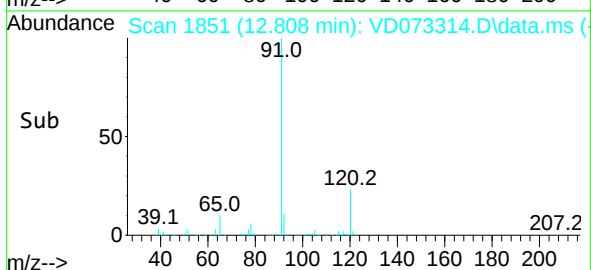
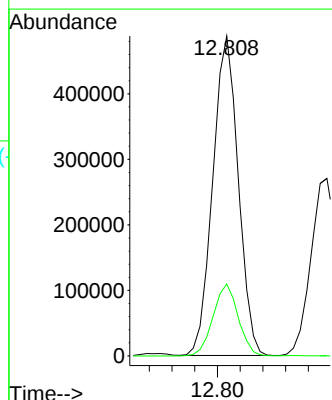
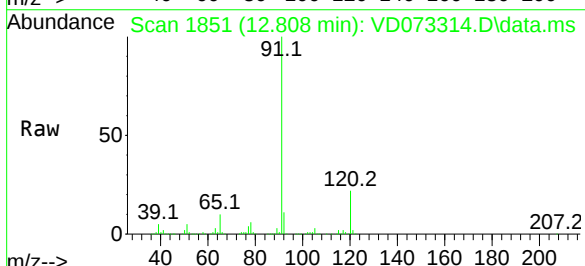
Acq: 24 May 2022 07:13

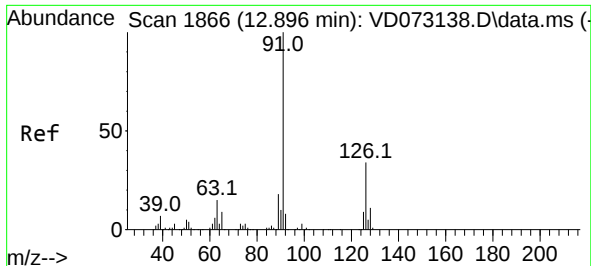
Tgt Ion: 91 Resp: 759007

Ion	Ratio	Lower	Upper
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91	100		
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120	22.2	10.9	32.9
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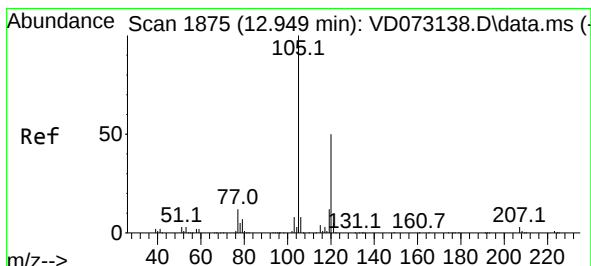
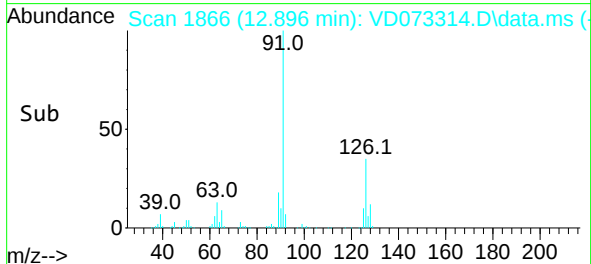
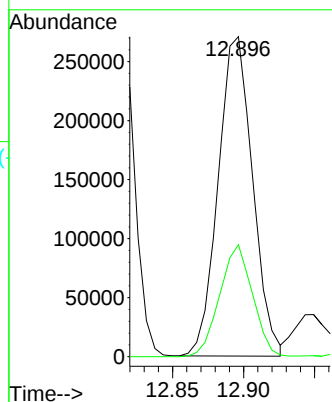
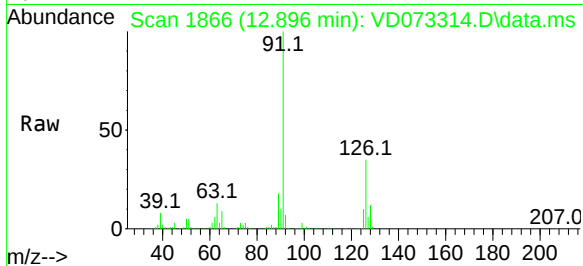




#79
2-Chlorotoluene
Concen: 51.519 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

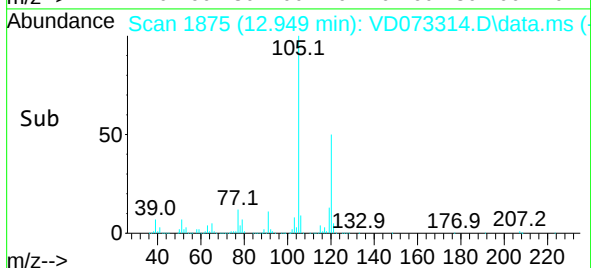
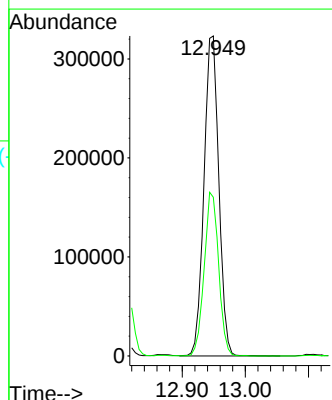
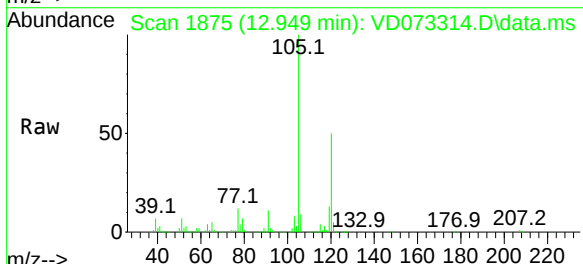
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

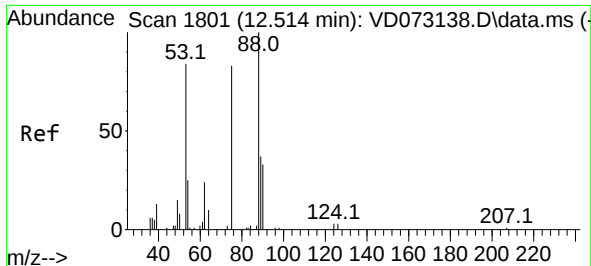
Tgt Ion: 91 Resp: 456288
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 50.963 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 105 Resp: 527484
Ion Ratio Lower Upper
105 100
120 49.9 24.3 72.8

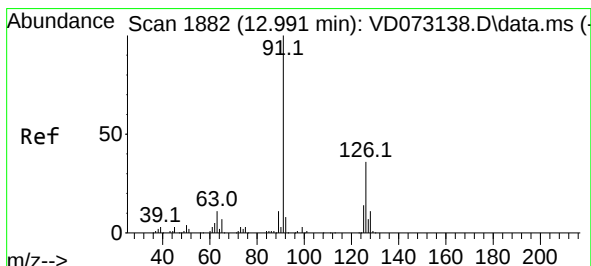
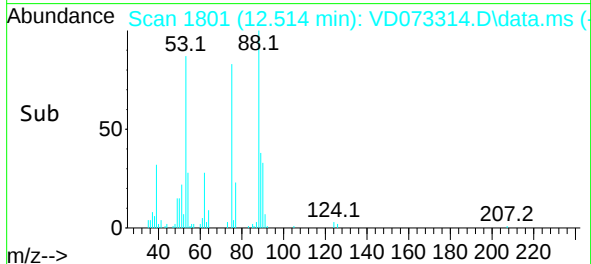
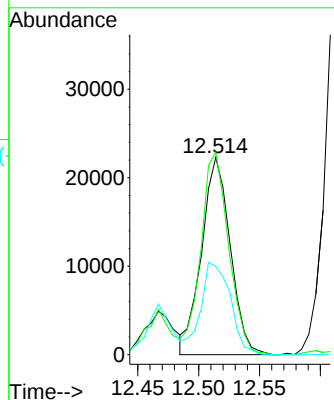
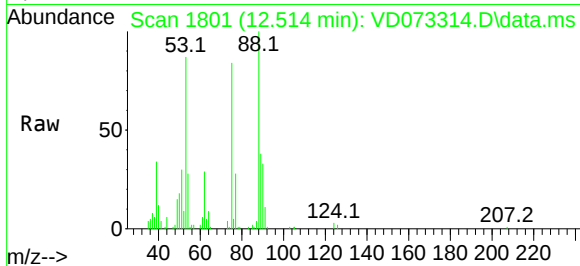




#81
trans-1,4-Dichloro-2-butene
Concen: 52.228 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

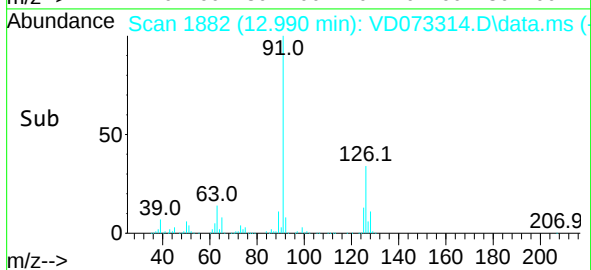
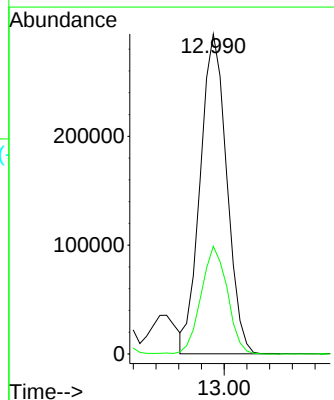
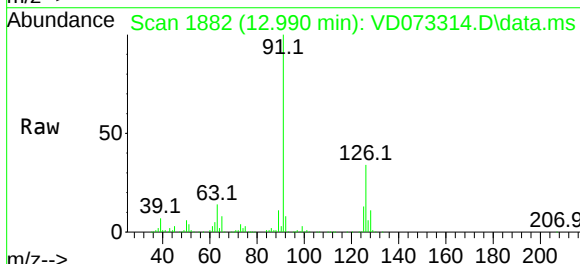
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

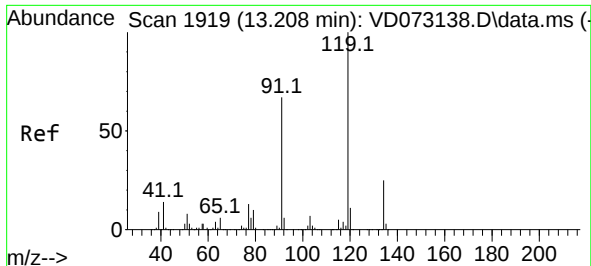
Tgt Ion: 75 Resp: 36585
Ion Ratio Lower Upper
75 100
53 99.8 86.5 129.7
89 48.6 33.9 50.9



#82
4-Chlorotoluene
Concen: 51.213 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 91 Resp: 475422
Ion Ratio Lower Upper
91 100
126 33.5 16.5 49.5

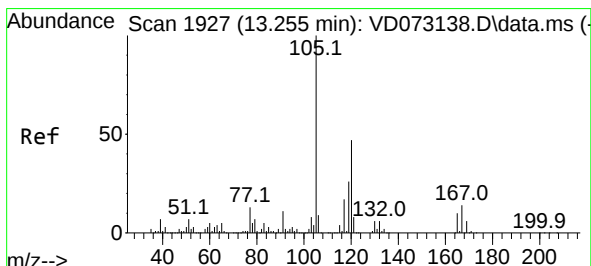
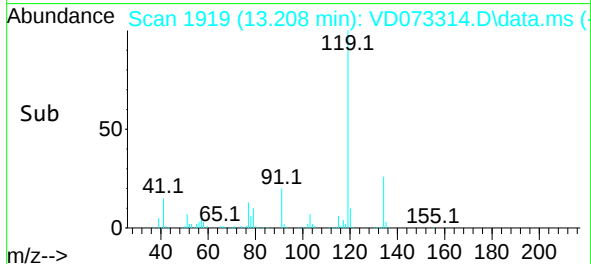
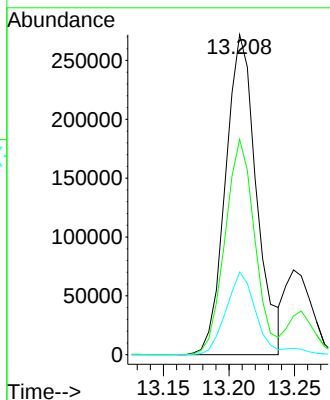
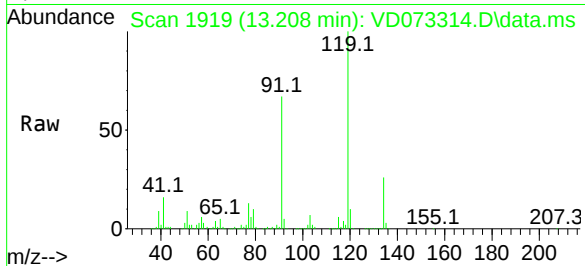




#83
tert-Butylbenzene
Concen: 51.353 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

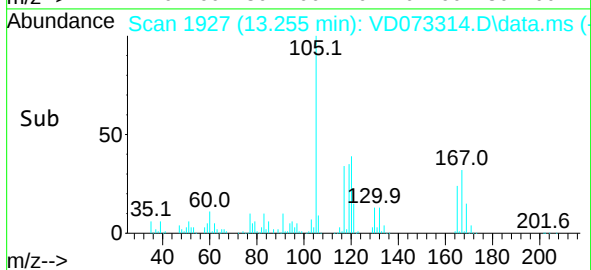
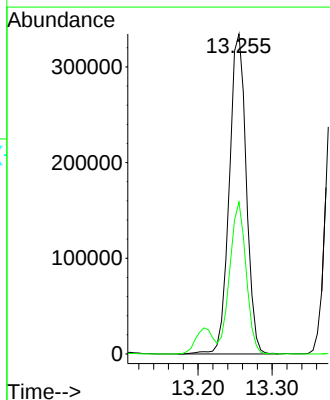
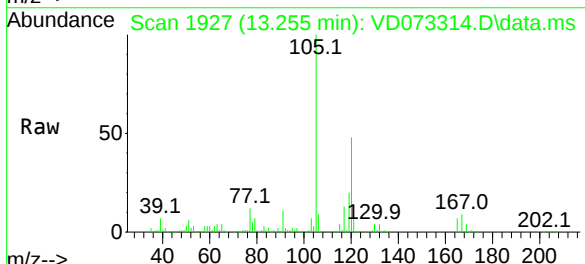
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

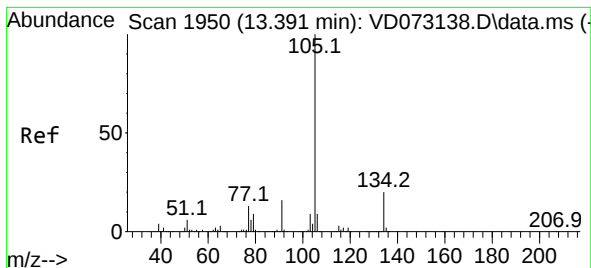
Tgt Ion:119 Resp: 447957
Ion Ratio Lower Upper
119 100
91 64.9 34.8 104.5
134 25.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 51.948 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion:105 Resp: 531167
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 46.903 ug/l

RT: 13.385 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VD073314.D

Acq: 24 May 2022 07:13

Instrument :

MSVOA_D

ClientSampleId :

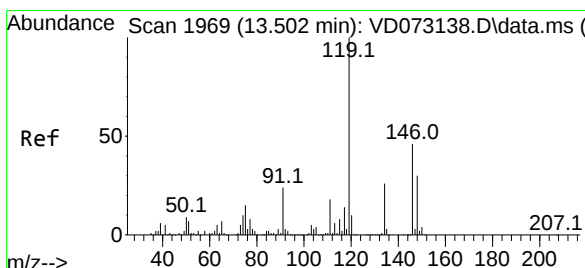
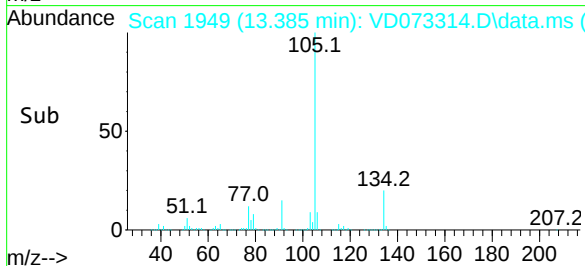
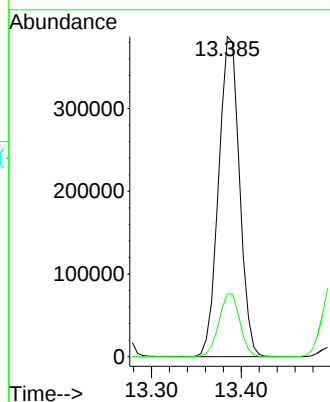
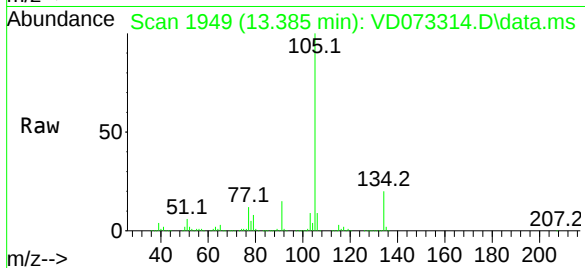
P044-SS001-0612-01MSD

Tgt Ion:105 Resp: 624725

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 46.274 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073314.D

Acq: 24 May 2022 07:13

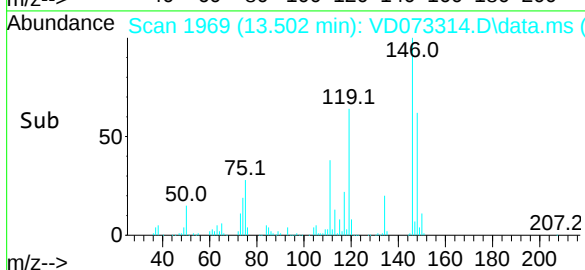
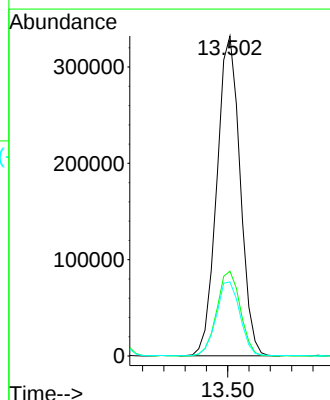
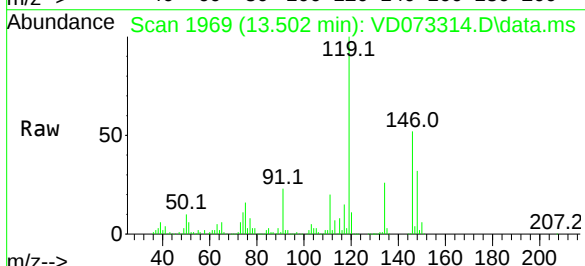
Tgt Ion:119 Resp: 502425

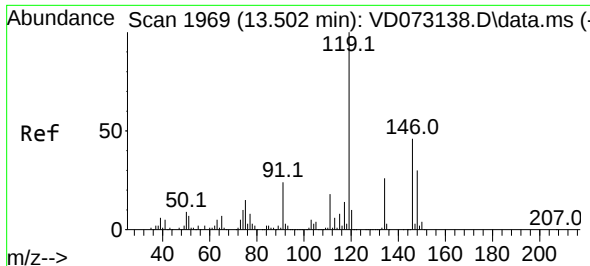
Ion Ratio Lower Upper

119 100

134 26.9 12.9 38.6

91 23.6 12.1 36.3

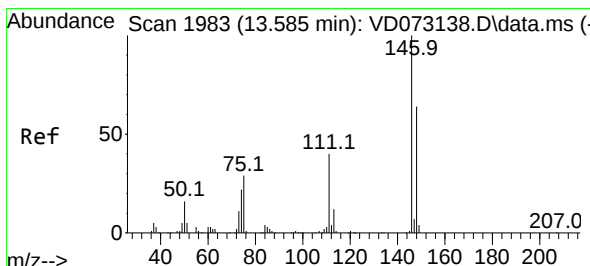
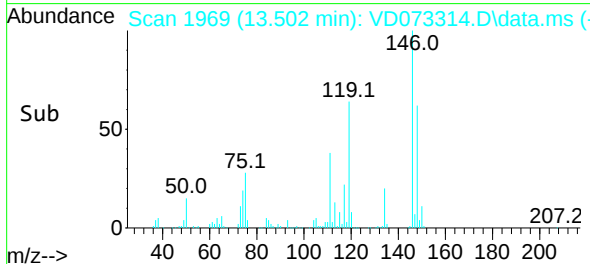
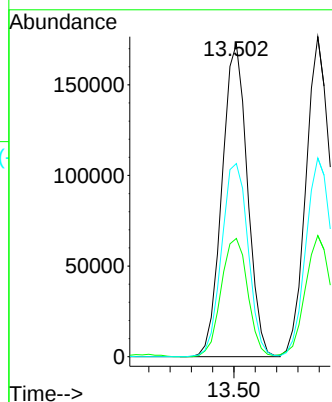
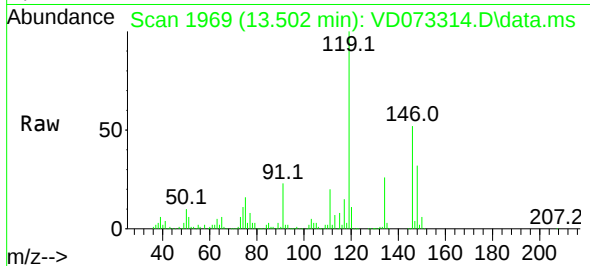




#87
1,3-Dichlorobenzene
Concen: 49.307 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

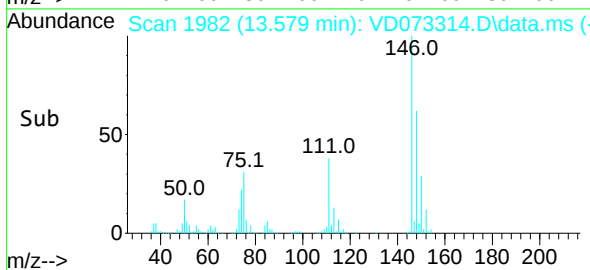
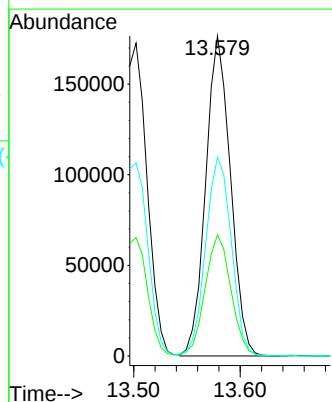
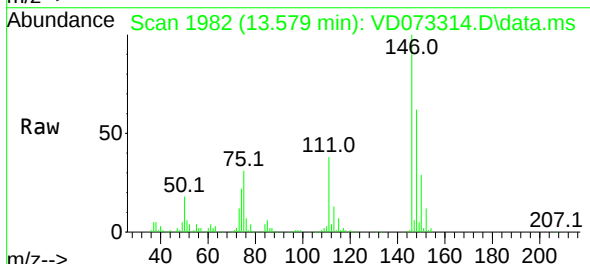
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

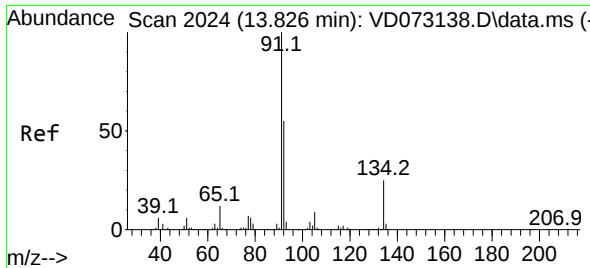
Tgt Ion:146 Resp: 285857
Ion Ratio Lower Upper
146 100
111 39.5 20.4 61.3
148 64.5 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 48.845 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion:146 Resp: 285855
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.9
148 64.2 31.7 95.1

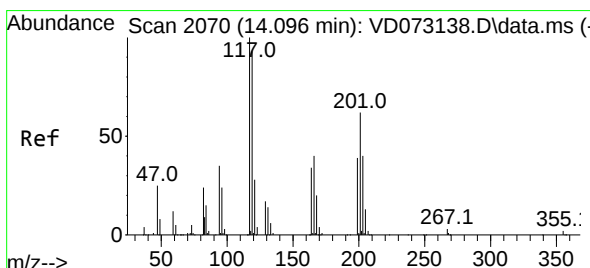
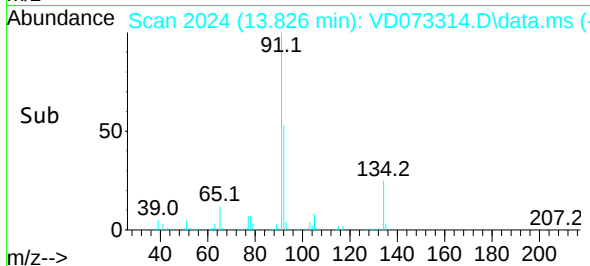
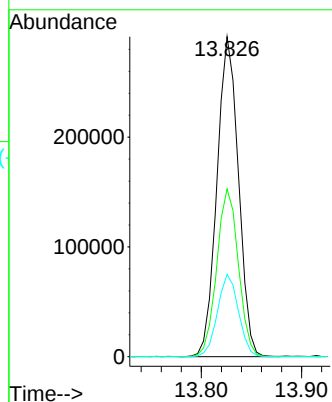
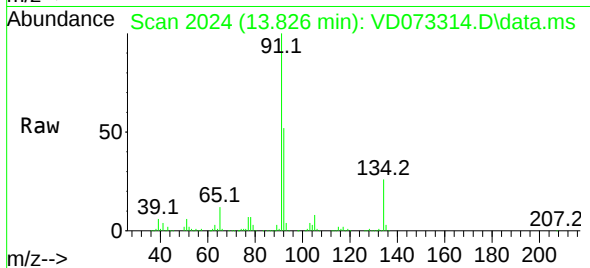




#89
n-Butylbenzene
Concen: 41.964 ug/l
RT: 13.826 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

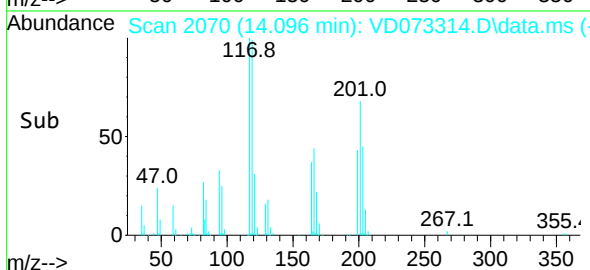
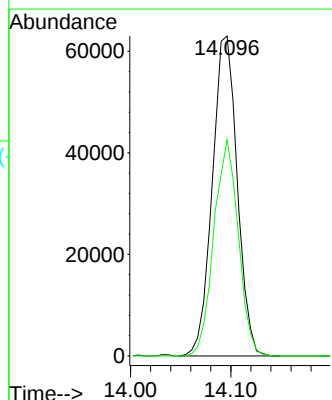
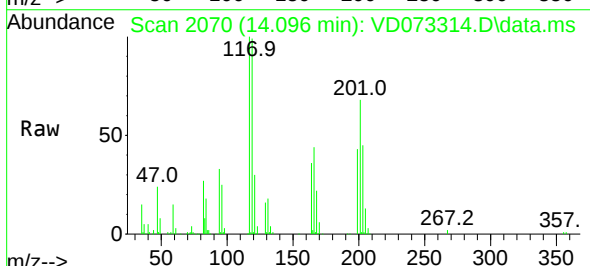
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

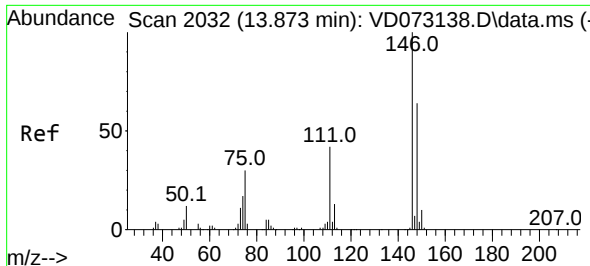
Tgt Ion: 91 Resp: 434124
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.8
134 25.1 12.3 36.9



#90
Hexachloroethane
Concen: 48.433 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 117 Resp: 108810
Ion Ratio Lower Upper
117 100
201 66.2 33.4 100.2

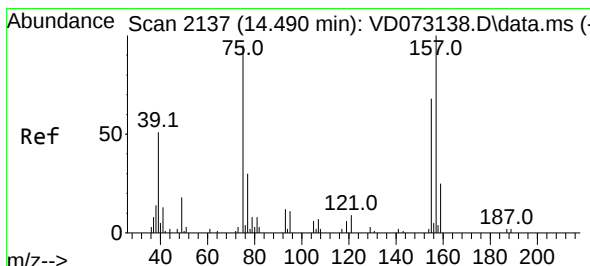
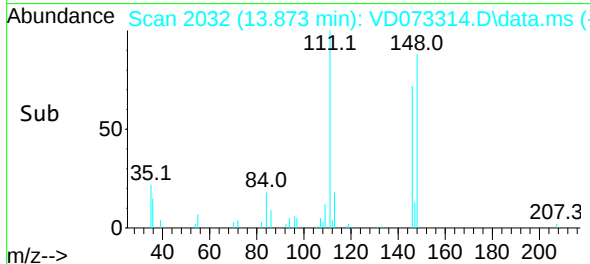
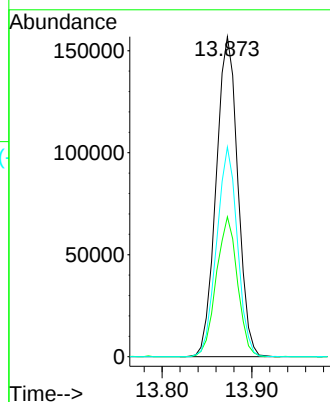
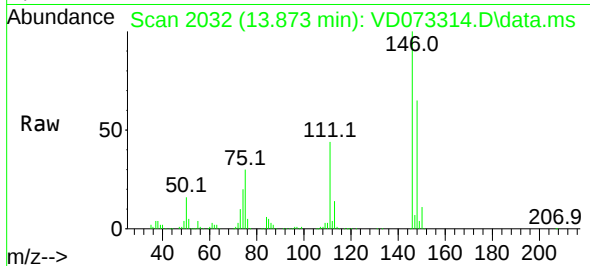




#91
1,2-Dichlorobenzene
Concen: 52.442 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

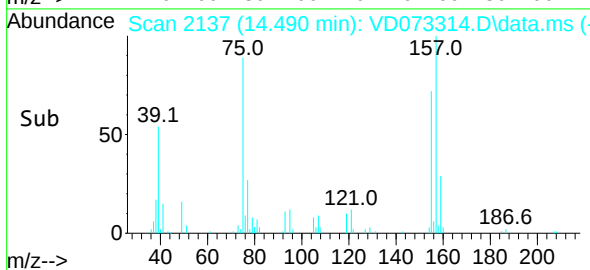
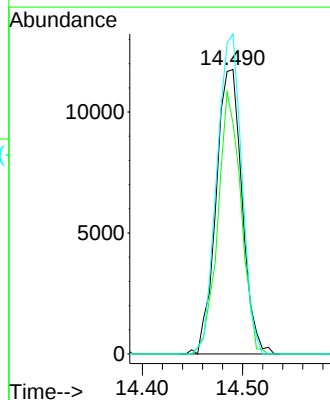
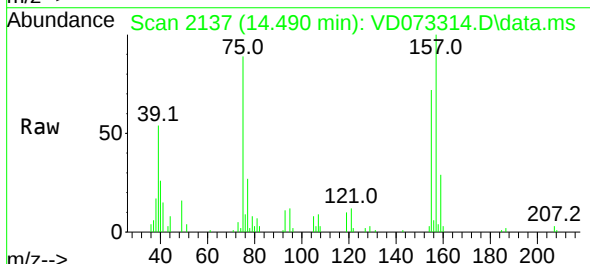
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

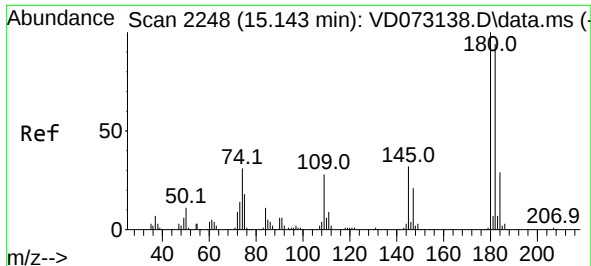
Tgt Ion:146 Resp: 263053
Ion Ratio Lower Upper
146 100
111 42.7 21.1 63.3
148 62.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 61.476 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion: 75 Resp: 21215
Ion Ratio Lower Upper
75 100
155 81.8 36.8 110.3
157 107.4 48.4 145.0

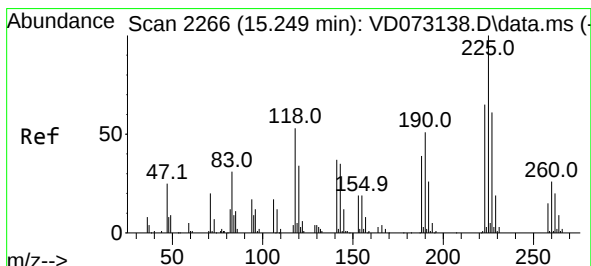
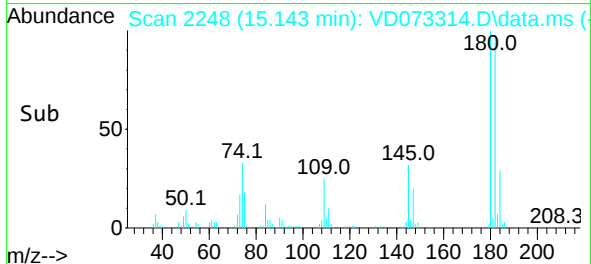
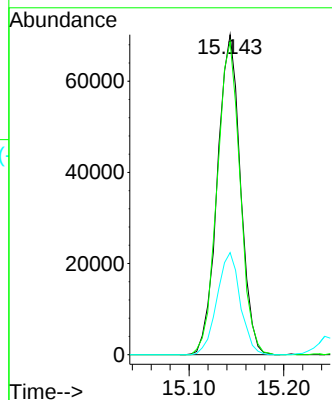
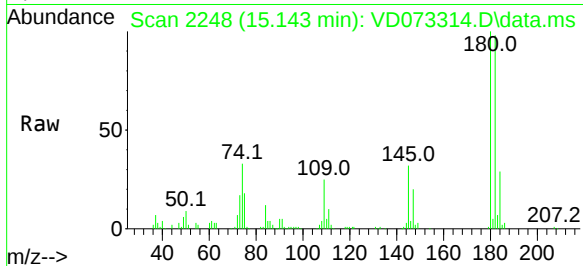




#93
1,2,4-Trichlorobenzene
Concen: 41.674 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

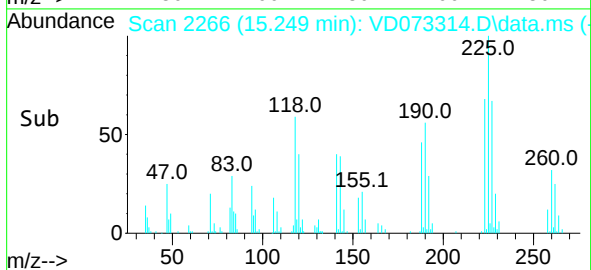
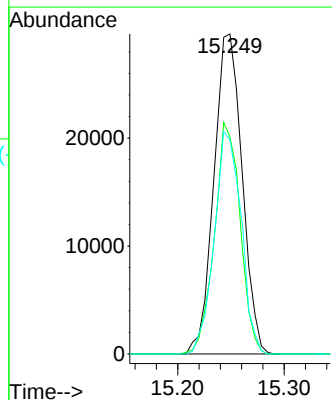
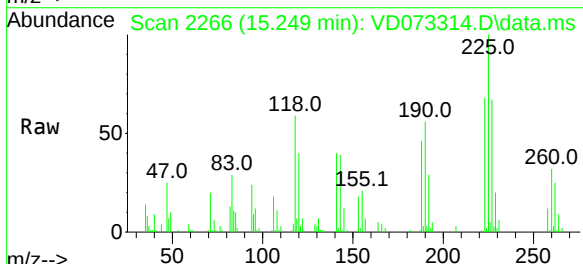
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MSD

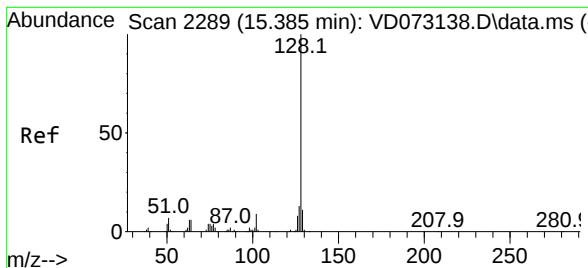
Tgt Ion:180 Resp: 118679
Ion Ratio Lower Upper
180 100
182 97.4 47.3 142.0
145 32.2 16.2 48.5



#94
Hexachlorobutadiene
Concen: 33.903 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073314.D
Acq: 24 May 2022 07:13

Tgt Ion:225 Resp: 54406
Ion Ratio Lower Upper
225 100
223 66.0 31.1 93.2
227 66.3 32.4 97.0





#95

Naphthalene

Concen: 46.335 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073314.D

Acq: 24 May 2022 07:13

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MSD

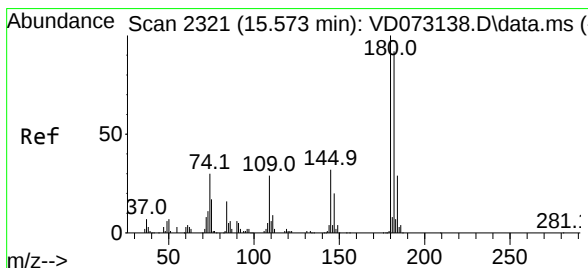
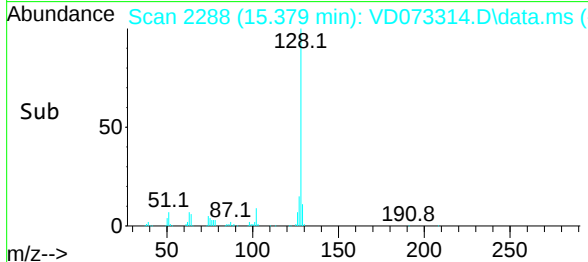
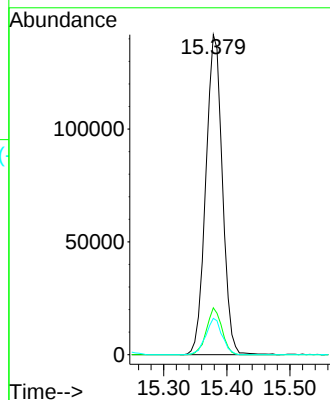
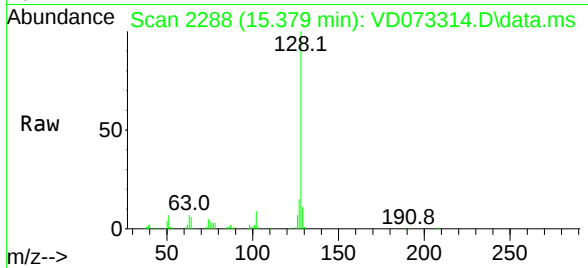
Tgt Ion:128 Resp: 258313

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.2 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 43.560 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073314.D

Acq: 24 May 2022 07:13

Tgt Ion:180 Resp: 109973

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.9

145 33.9 17.1 51.3

