

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080822\
 Data File : VD073973.D
 Acq On : 08 Aug 2022 14:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 08 18:17:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 06 00:36:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	143124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	228387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	215729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	118476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	54795	49.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.180%
35) Dibromofluoromethane	7.903	113	67228	47.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.560%
50) Toluene-d8	10.332	98	180041	46.164	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.320%
62) 4-Bromofluorobenzene	12.614	95	96412	51.414	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	65931	49.908	ug/l	96
3) Chloromethane	2.209	50	83446	39.788	ug/l	99
4) Vinyl Chloride	2.344	62	118801	42.068	ug/l	99
5) Bromomethane	2.762	94	76334	38.949	ug/l	98
6) Chloroethane	2.915	64	83303	42.204	ug/l	100
7) Trichlorofluoromethane	3.262	101	130097	47.709	ug/l	98
8) Diethyl Ether	3.703	74	33598	52.917	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.085	101	75047	49.014	ug/l	98
10) Methyl Iodide	4.291	142	70959	47.077	ug/l	98
11) Tert butyl alcohol	5.226	59	25131	259.737	ug/l #	84
12) 1,1-Dichloroethene	4.056	96	66321	48.990	ug/l	97
13) Acrolein	3.920	56	2514	54.917	ug/l	87
14) Allyl chloride	4.709	41	88809	49.424	ug/l	99
15) Acrylonitrile	5.409	53	72632	267.675	ug/l	98
16) Acetone	4.156	43	80246	400.823	ug/l	97
17) Carbon Disulfide	4.397	76	162773	38.328	ug/l	99
18) Methyl Acetate	4.709	43	32560	51.970	ug/l	100
19) Methyl tert-butyl Ether	5.467	73	168991	53.785	ug/l	99
20) Methylene Chloride	4.950	84	88561	51.878	ug/l	91
21) trans-1,2-Dichloroethene	5.456	96	76058	46.492	ug/l	99
22) Diisopropyl ether	6.356	45	204482	52.824	ug/l	99
23) Vinyl Acetate	6.291	43	484640	233.233	ug/l	99
24) 1,1-Dichloroethane	6.256	63	130976	49.135	ug/l	99
25) 2-Butanone	7.203	43	103437	282.276	ug/l	96
26) 2,2-Dichloropropane	7.197	77	132056	49.898	ug/l	98
27) cis-1,2-Dichloroethene	7.197	96	88562	50.027	ug/l	99
28) Bromochloromethane	7.538	49	43192	50.670	ug/l	98
29) Tetrahydrofuran	7.556	42	57724	266.693	ug/l	99
30) Chloroform	7.697	83	154950	51.448	ug/l	89
31) Cyclohexane	7.973	56	102681	42.123	ug/l	97
32) 1,1,1-Trichloroethane	7.891	97	145715	50.837	ug/l	97
36) 1,1-Dichloropropene	8.103	75	105167	47.342	ug/l	100
37) Ethyl Acetate	7.279	43	42903	51.936	ug/l #	94
38) Carbon Tetrachloride	8.091	117	126628	51.189	ug/l	95
39) Methylcyclohexane	9.344	83	122782	48.340	ug/l	99
40) Benzene	8.338	78	301247	49.937	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	22438	51.429	ug/l	95
42) 1,2-Dichloroethane	8.414	62	92668	50.634	ug/l	99
43) Isopropyl Acetate	8.444	43	86658	53.686	ug/l	100
44) Trichloroethene	9.102	130	90211	51.951	ug/l	99
45) 1,2-Dichloropropane	9.373	63	72395	51.200	ug/l	97
46) Dibromomethane	9.467	93	46327	49.730	ug/l	93
47) Bromodichloromethane	9.649	83	120303	53.020	ug/l	99
48) Methyl methacrylate	9.444	41	35900	48.635	ug/l	90
49) 1,4-Dioxane	9.450	88	11065	1118.748	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	217868	271.279	ug/l	98
52) Toluene	10.391	92	203570	51.021	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	110815	54.263	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	123012	52.818	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	63637	53.921	ug/l	96
56) Ethyl methacrylate	10.649	69	71331	55.644	ug/l	97
57) 1,3-Dichloropropane	10.932	76	100031	52.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	154363	283.330	ug/l	99
59) 2-Hexanone	10.973	43	161170	302.976	ug/l	100
60) Dibromochloromethane	11.132	129	85060	53.795	ug/l	99
61) 1,2-Dibromoethane	11.232	107	61220	51.873	ug/l	97
64) Tetrachloroethene	10.867	164	73358	48.473	ug/l	94
65) Chlorobenzene	11.655	112	220248	50.541	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	90300	54.185	ug/l	99
67) Ethyl Benzene	11.732	91	398900	52.737	ug/l	98
68) m/p-Xylenes	11.838	106	322078	105.048	ug/l	97
69) o-Xylene	12.167	106	149268	53.014	ug/l	99
70) Styrene	12.179	104	257231	53.472	ug/l	99
71) Bromoform	12.343	173	51151	53.711	ug/l #	99
73) Isopropylbenzene	12.467	105	404325	49.885	ug/l	100
74) N-amyl acetate	12.273	43	80760	50.225	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	71970	48.974	ug/l	98
76) 1,2,3-Trichloropropane	12.761	75	91022	83.373	ug/l #	100
77) Bromobenzene	12.743	156	94240	49.359	ug/l	98
78) n-propylbenzene	12.802	91	491585	49.280	ug/l	100
79) 2-Chlorotoluene	12.890	91	275771	49.146	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	345004	50.053	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	22386	51.479	ug/l	96
82) 4-Chlorotoluene	12.991	91	288396	48.239	ug/l	98
83) tert-Butylbenzene	13.208	119	308775	52.217	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	345302	50.058	ug/l	99
85) sec-Butylbenzene	13.385	105	459313	50.794	ug/l	99
86) p-Isopropyltoluene	13.502	119	384229	50.104	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	201510	50.411	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	196198	48.879	ug/l	98
89) n-Butylbenzene	13.826	91	357320	50.753	ug/l	99
90) Hexachloroethane	14.096	117	73421	49.316	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	175908	51.067	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	12658	52.552	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	108016	52.618	ug/l	98
94) Hexachlorobutadiene	15.243	225	58840	51.978	ug/l	100
95) Naphthalene	15.379	128	203672	54.184	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	92161	49.777	ug/l	99

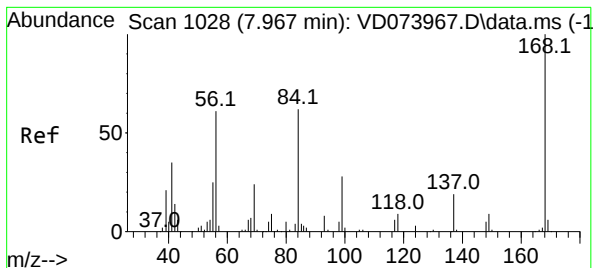
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Quant Title : SW846 8260
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Response via : Initial Calibration

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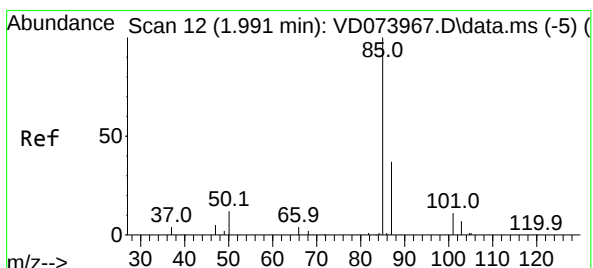
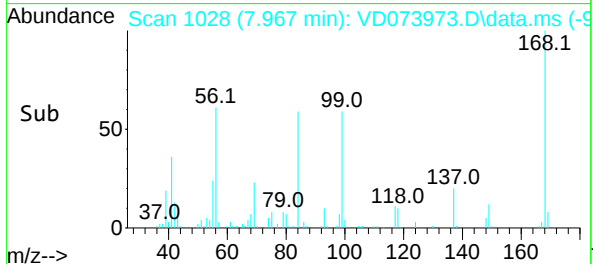
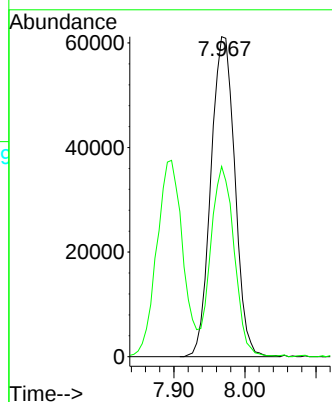
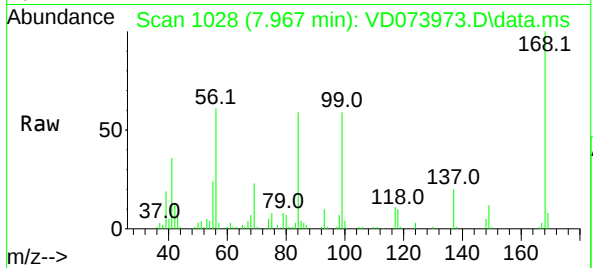
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

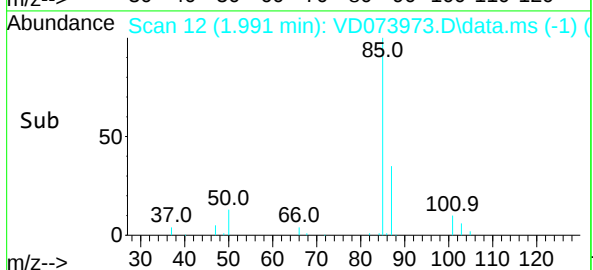
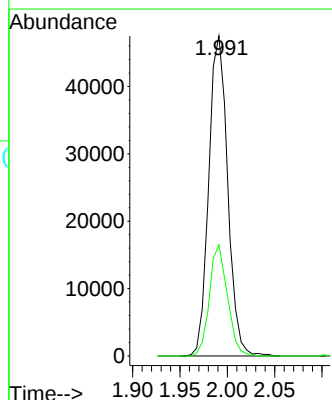
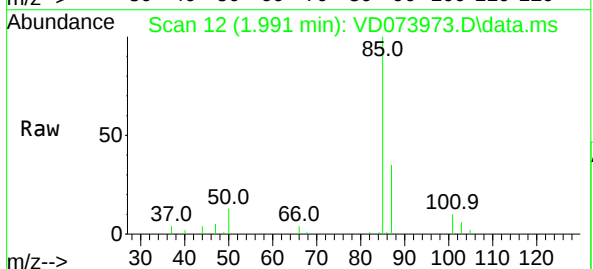
Instrument :
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VSTDCCC050

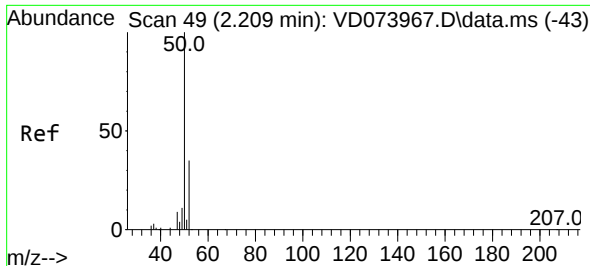
Tgt Ion:168 Resp: 143124
Ion Ratio Lower Upper
168 100
99 59.1 46.2 69.4



#2
Dichlorodifluoromethane
Concen: 49.908 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 85 Resp: 65931
Ion Ratio Lower Upper
85 100
87 34.8 18.7 56.1

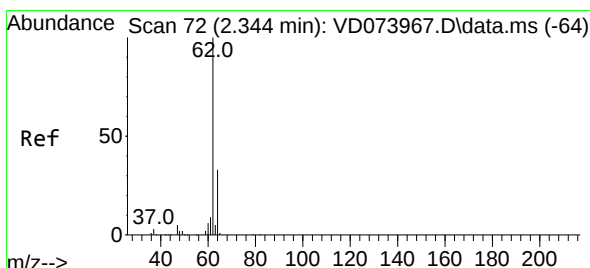
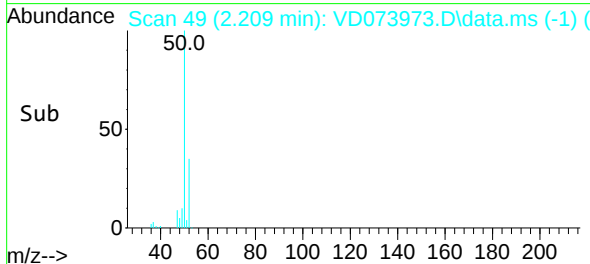
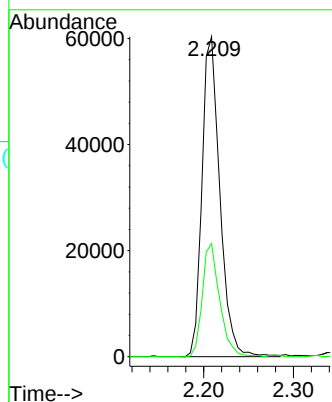
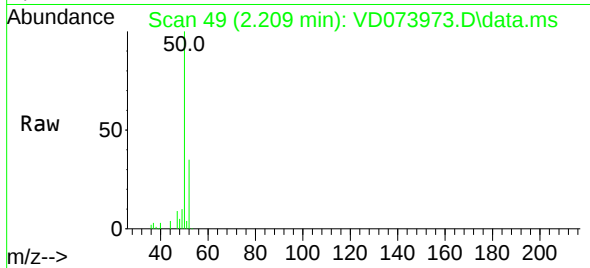




#3
Chloromethane
Concen: 39.788 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

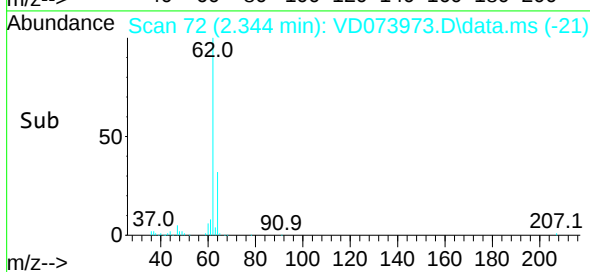
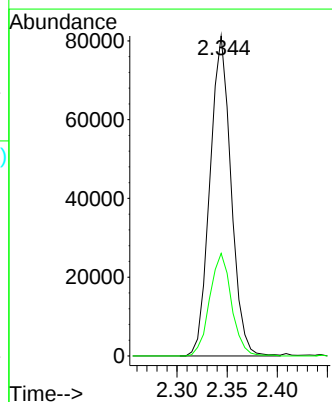
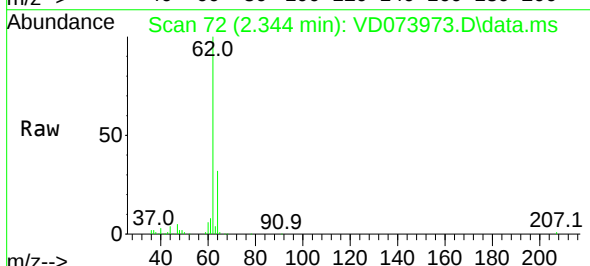
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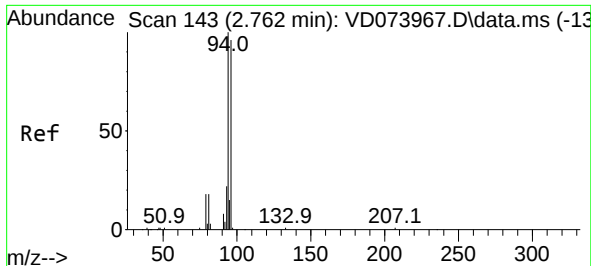
Tgt Ion: 50 Resp: 83446
Ion Ratio Lower Upper
50 100
52 35.3 27.7 41.5



#4
Vinyl Chloride
Concen: 42.068 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 62 Resp: 118801
Ion Ratio Lower Upper
62 100
64 32.0 26.1 39.1

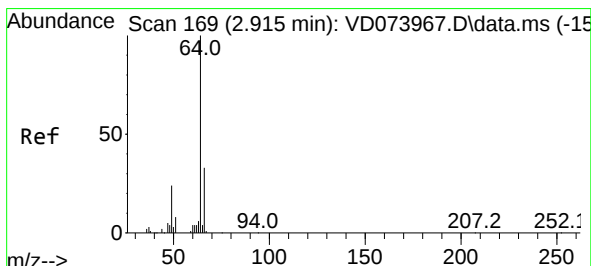
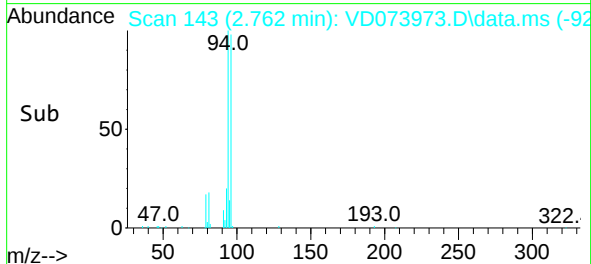
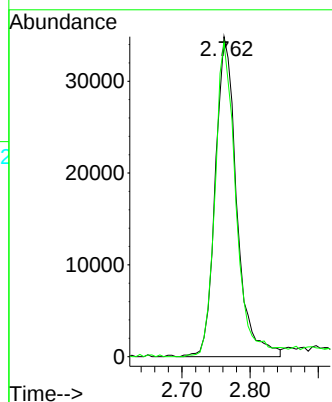
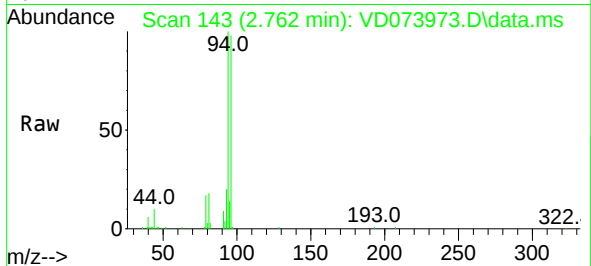




#5
Bromomethane
Concen: 38.949 ug/l
RT: 2.762 min Scan# 143
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

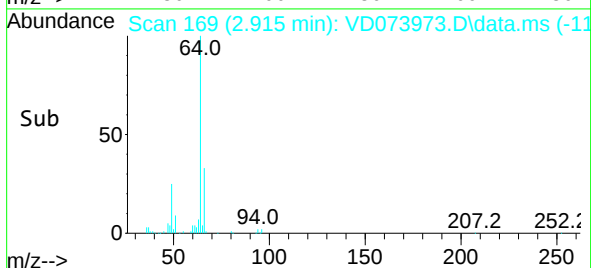
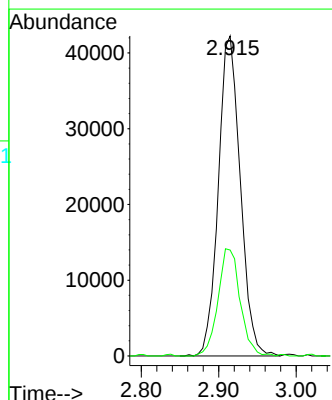
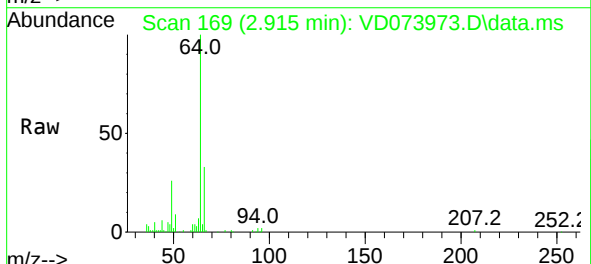
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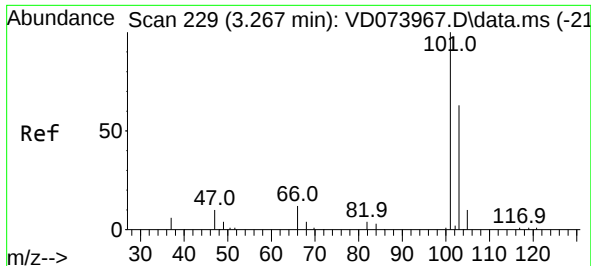
Tgt Ion: 94 Resp: 76334
Ion Ratio Lower Upper
94 100
96 98.1 77.0 115.6



#6
Chloroethane
Concen: 42.204 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 64 Resp: 83303
Ion Ratio Lower Upper
64 100
66 33.1 26.3 39.5

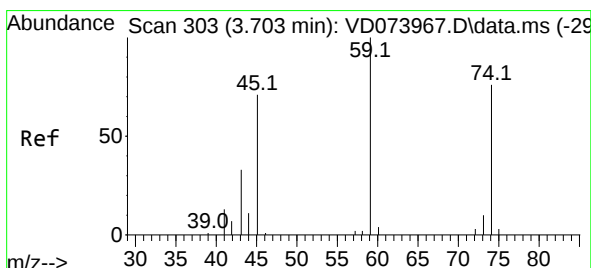
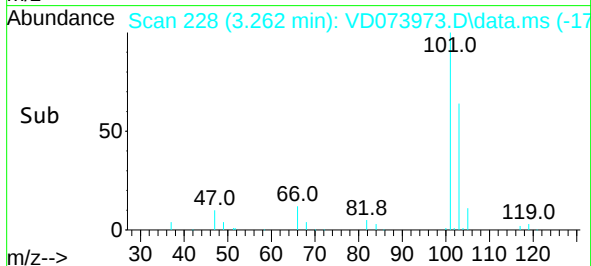
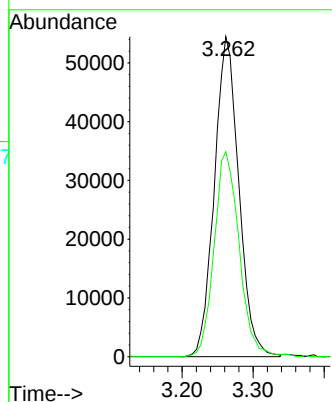
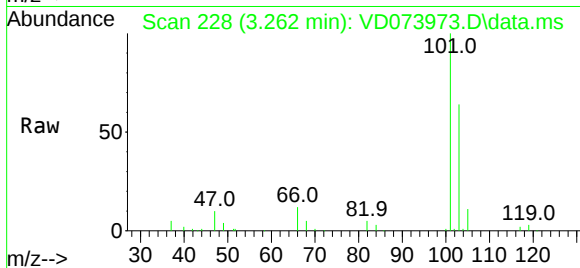




#7
Trichlorofluoromethane
Concen: 47.709 ug/l
RT: 3.262 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

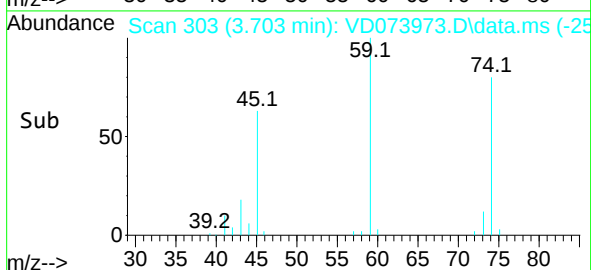
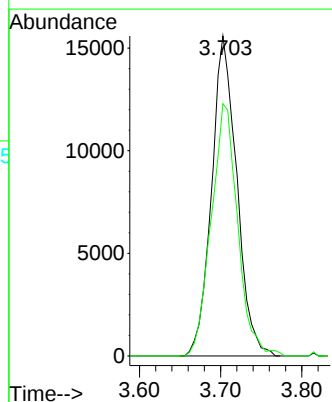
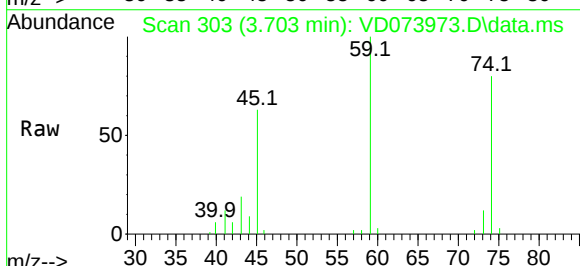
Instrument :
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ClientSampleId :
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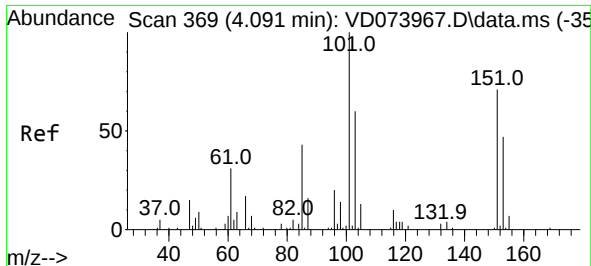
Tgt Ion:101 Resp: 130097
Ion Ratio Lower Upper
101 100
103 64.0 50.0 75.0



#8
Diethyl Ether
Concen: 52.917 ug/l
RT: 3.703 min Scan# 303
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 74 Resp: 33598
Ion Ratio Lower Upper
74 100
45 82.8 44.4 133.1

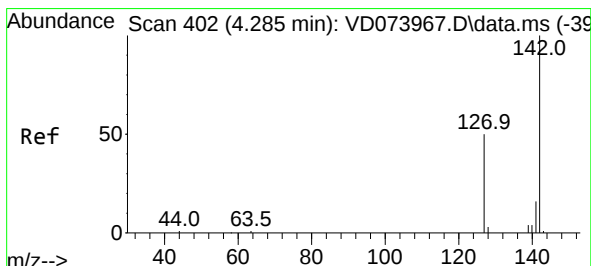
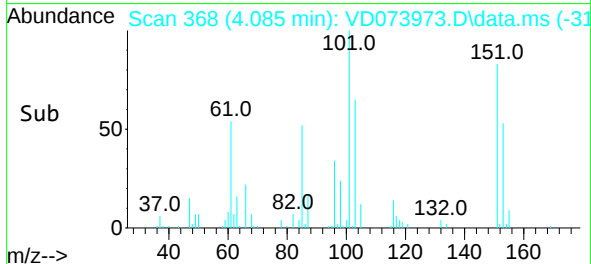
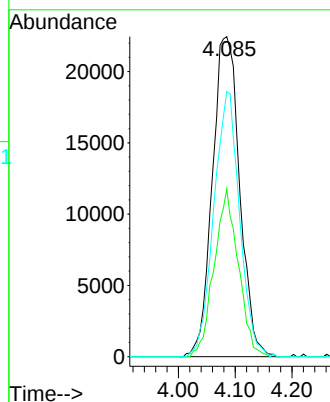
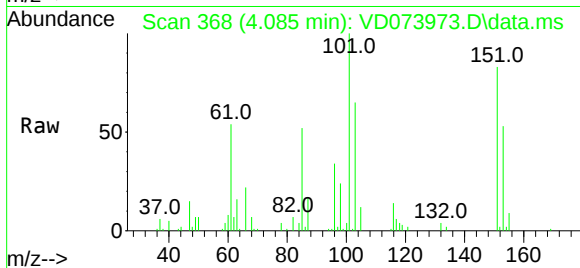




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.014 ug/l
 RT: 4.085 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VD073973.D
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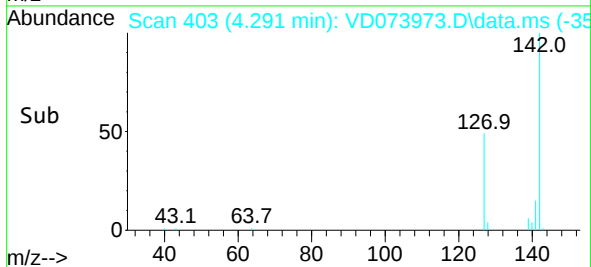
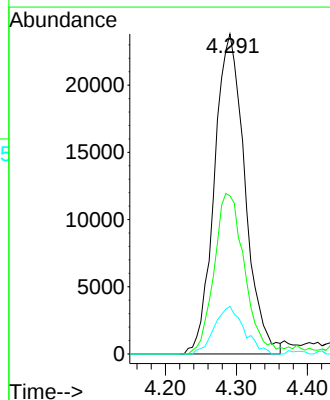
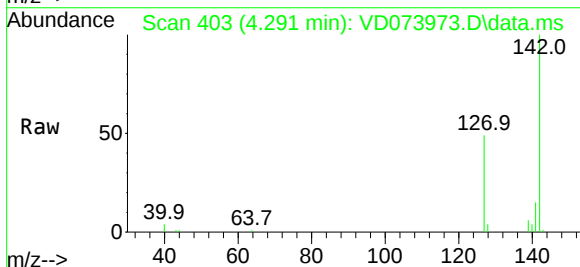
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

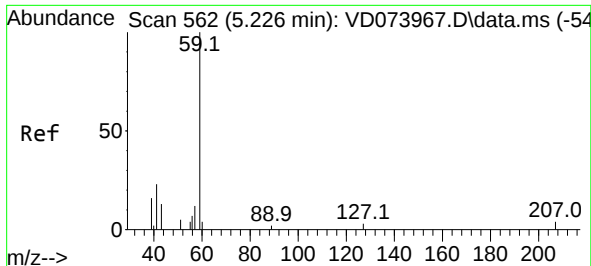
Tgt Ion:101	Resp:	75047
Ion	Ratio	Lower Upper
101	100	
85	46.3	37.5 56.3
151	78.1	60.2 90.4



#10
 Methyl Iodide
 Concen: 47.077 ug/l
 RT: 4.291 min Scan# 403
 Delta R.T. 0.006 min
 Lab File: VD073973.D
 Acq: 08 Aug 2022 14:40

Tgt Ion:142	Resp:	70959
Ion	Ratio	Lower Upper
142	100	
127	50.2	38.7 58.1
141	14.5	11.8 17.8

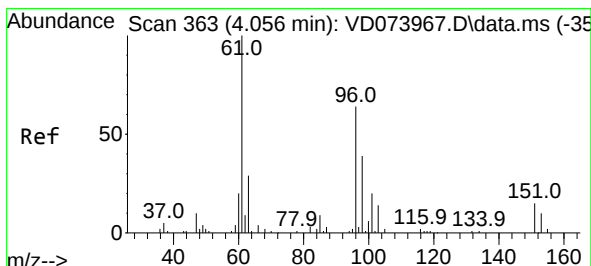
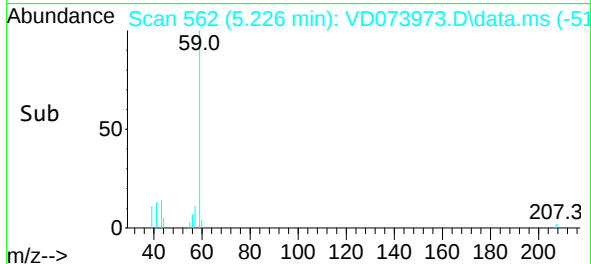
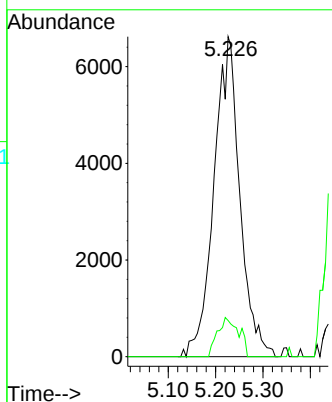
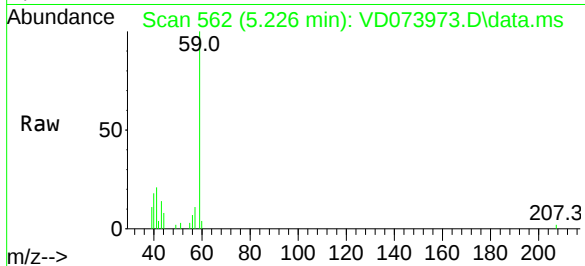




#11
Tert butyl alcohol
Concen: 259.737 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

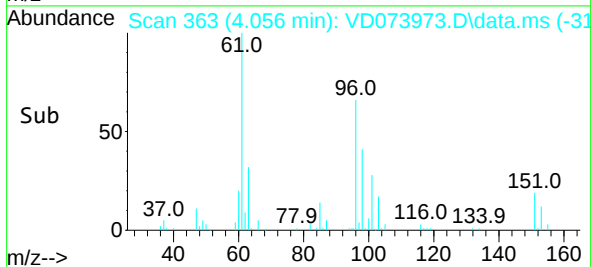
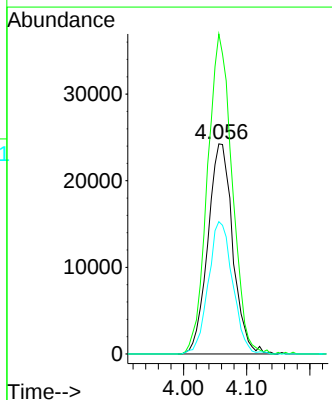
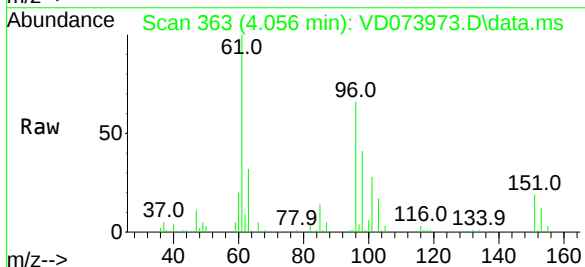
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

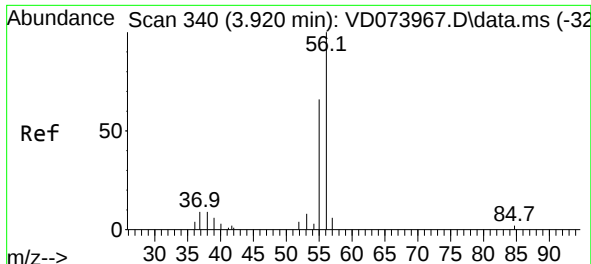
Tgt Ion: 59 Resp: 25131
Ion Ratio Lower Upper
59 100
57 10.0 3.8 5.6#



#12
1,1-Dichloroethene
Concen: 48.990 ug/l
RT: 4.056 min Scan# 363
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 96 Resp: 66321
Ion Ratio Lower Upper
96 100
61 152.3 125.9 188.9
98 63.0 49.2 73.8





#13

Acrolein

Concen: 54.917 ug/l

RT: 3.920 min Scan# 34

Delta R.T. 0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

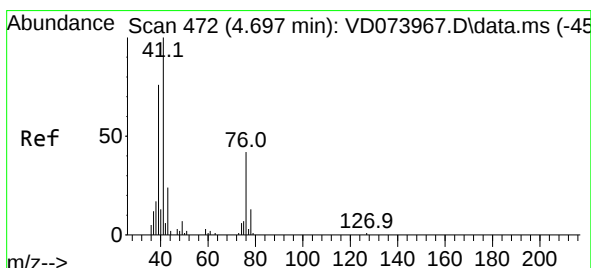
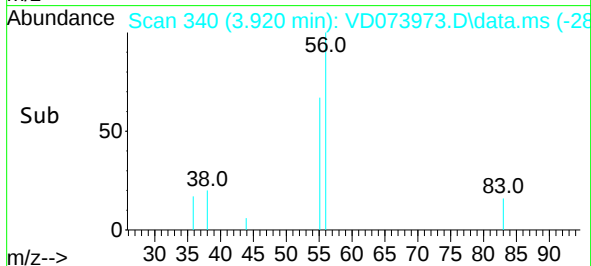
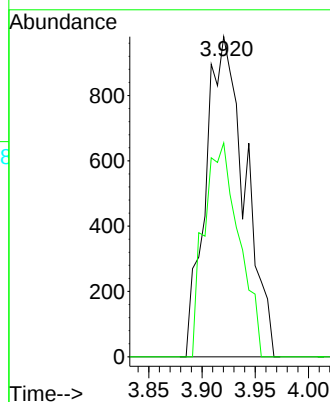
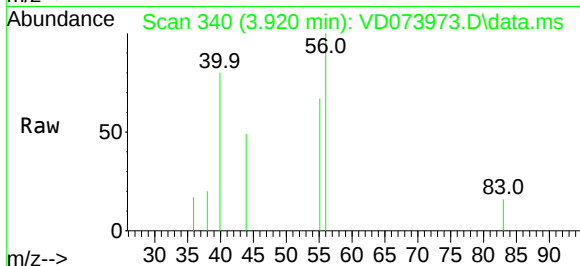
VSTDCCC050

Tgt Ion: 56 Resp: 2514

Ion Ratio Lower Upper

56 100

55 59.3 55.8 83.6



#14

Allyl chloride

Concen: 49.424 ug/l

RT: 4.709 min Scan# 474

Delta R.T. 0.012 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

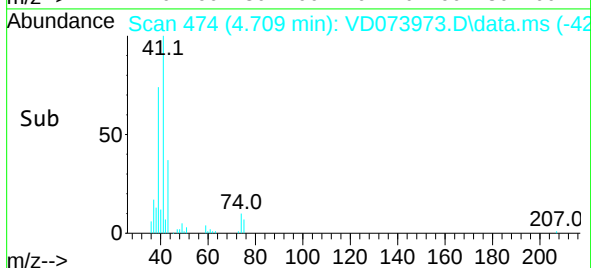
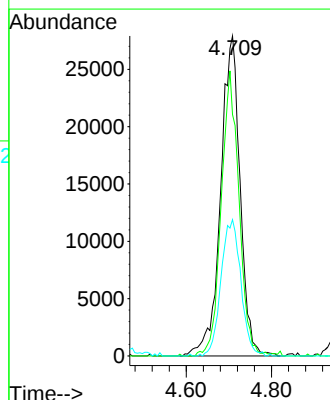
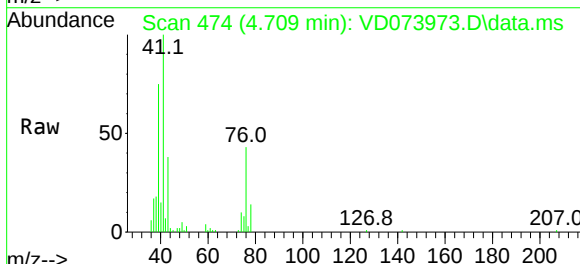
Tgt Ion: 41 Resp: 88809

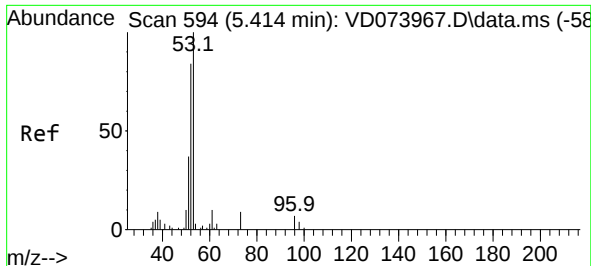
Ion Ratio Lower Upper

41 100

39 80.7 63.4 95.2

76 43.2 34.4 51.6

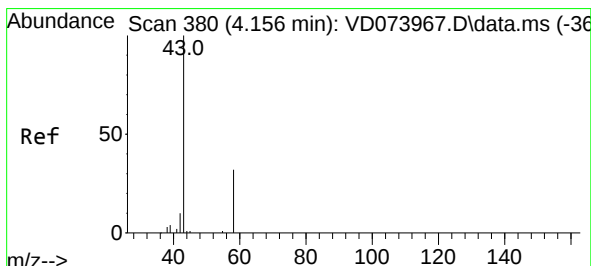
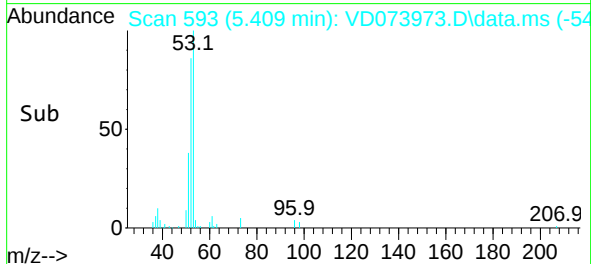
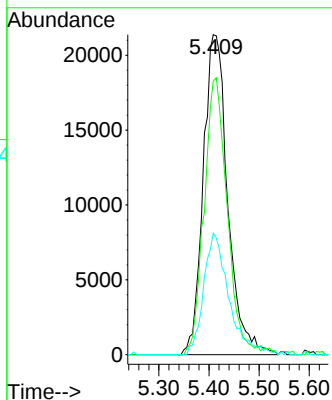
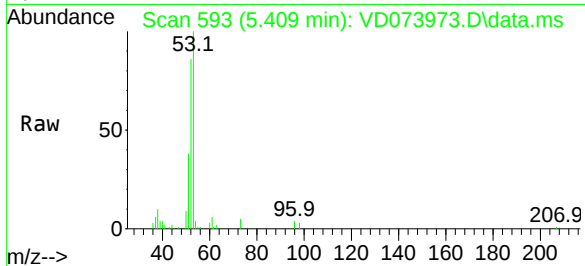




#15
Acrylonitrile
Concen: 267.675 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

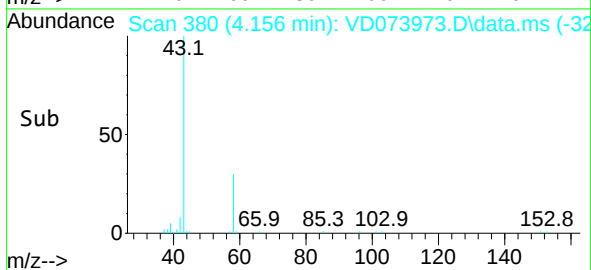
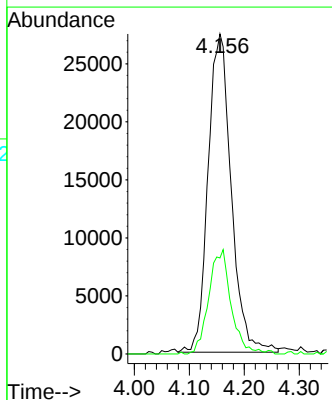
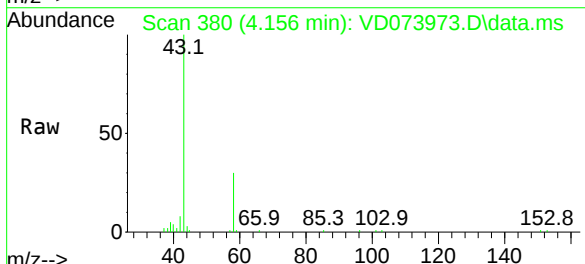
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

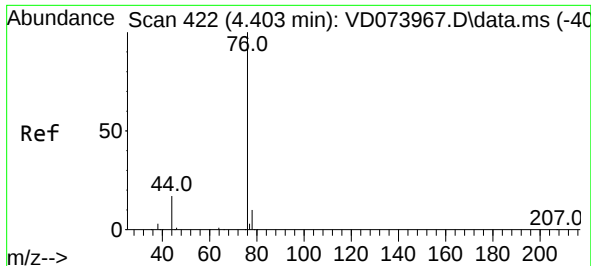
Tgt Ion: 53 Resp: 72632
Ion Ratio Lower Upper
53 100
52 81.3 62.7 94.1
51 39.0 30.8 46.2



#16
Acetone
Concen: 400.823 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 43 Resp: 80246
Ion Ratio Lower Upper
43 100
58 30.2 25.4 38.0

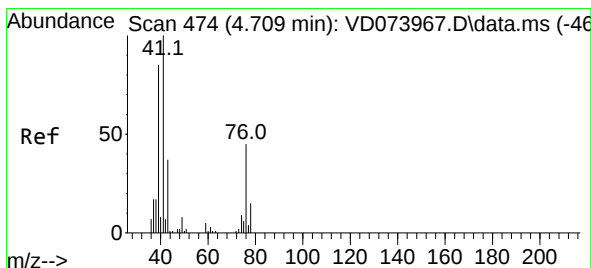
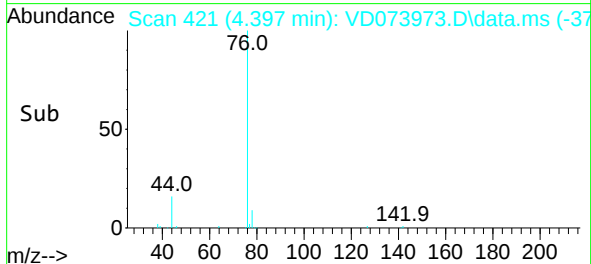
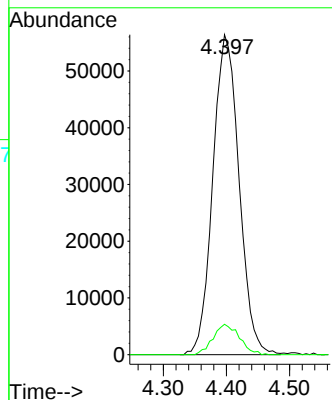
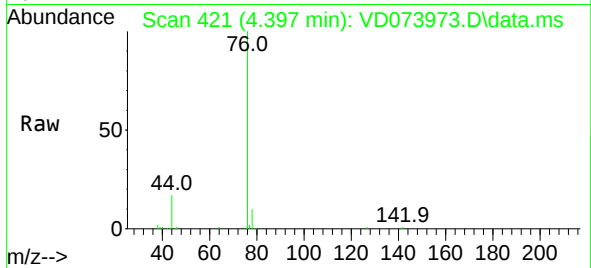




#17
Carbon Disulfide
Concen: 38.328 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

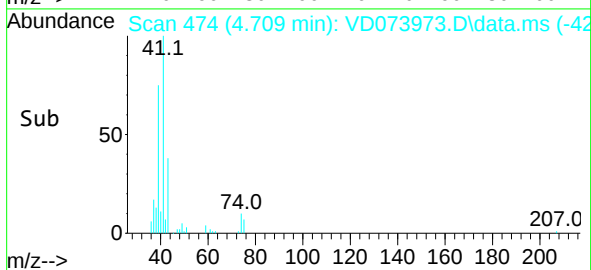
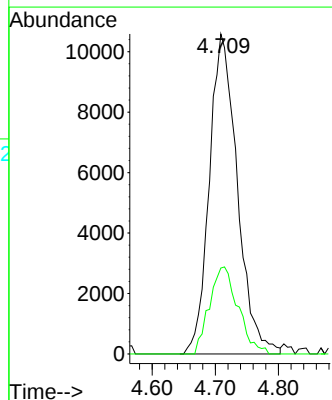
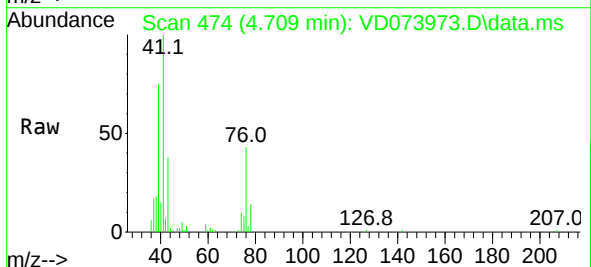
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

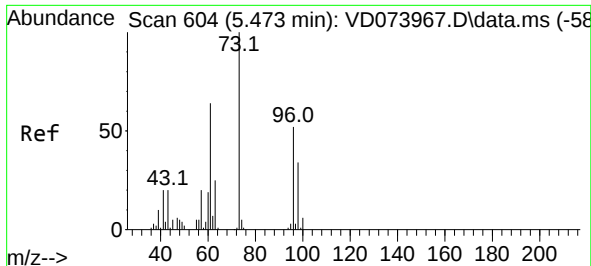
Tgt Ion: 76 Resp: 162773
Ion Ratio Lower Upper
76 100
78 9.5 7.9 11.9



#18
Methyl Acetate
Concen: 51.970 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 43 Resp: 32560
Ion Ratio Lower Upper
43 100
74 27.8 22.1 33.1





#19

Methyl tert-butyl Ether

Concen: 53.785 ug/l

RT: 5.467 min Scan# 604

Delta R.T. -0.006 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

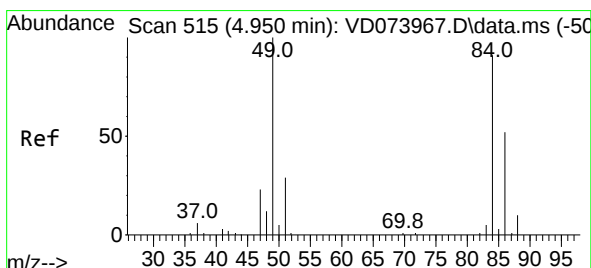
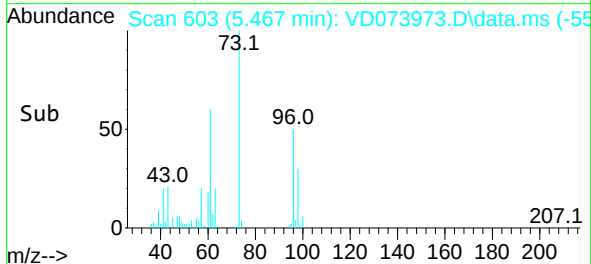
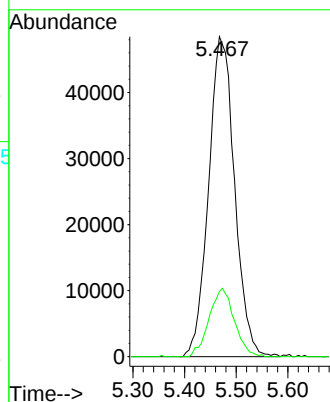
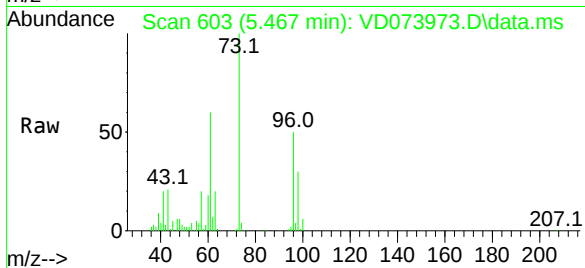
VSTDCCC050

Tgt Ion: 73 Resp: 168991

Ion Ratio Lower Upper

73 100

57 20.3 15.8 23.6



#20

Methylene Chloride

Concen: 51.878 ug/l

RT: 4.950 min Scan# 515

Delta R.T. -0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Tgt Ion: 84 Resp: 88561

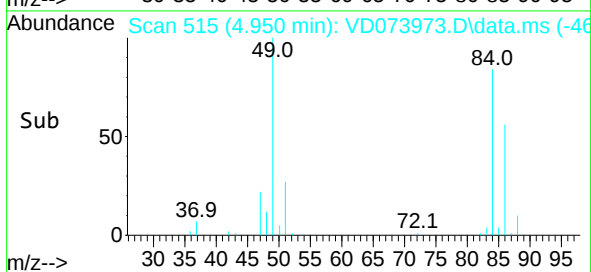
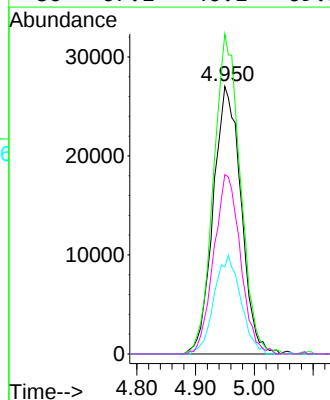
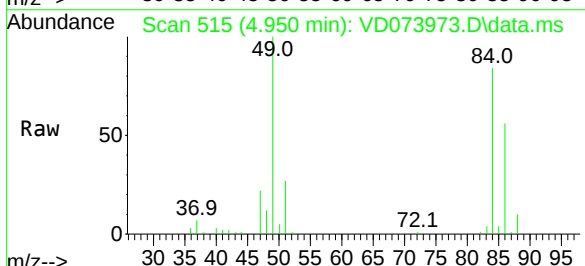
Ion Ratio Lower Upper

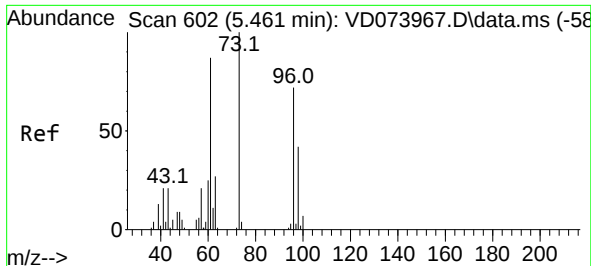
84 100

49 119.6 87.9 131.9

51 32.5 25.7 38.5

86 67.1 46.1 69.1

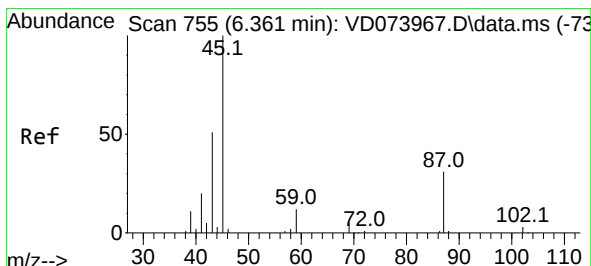
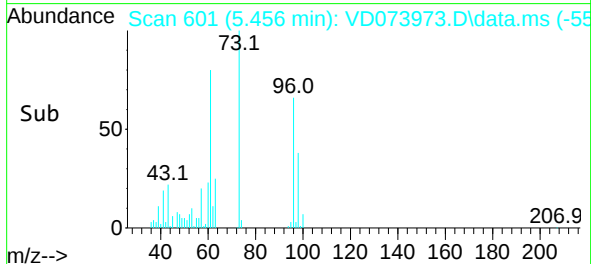
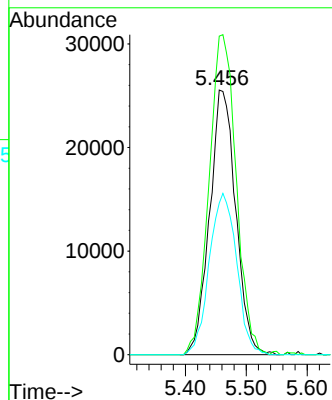
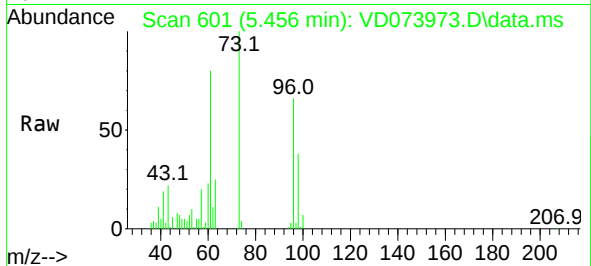




#21
trans-1,2-Dichloroethene
Concen: 46.492 ug/l
RT: 5.456 min Scan# 601
Delta R.T. -0.006 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

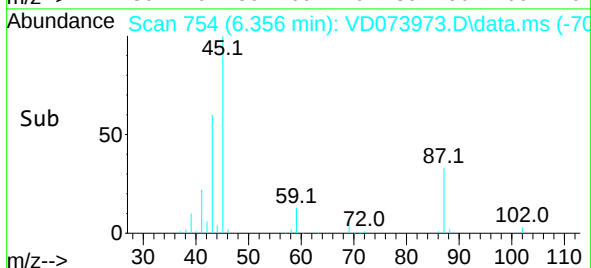
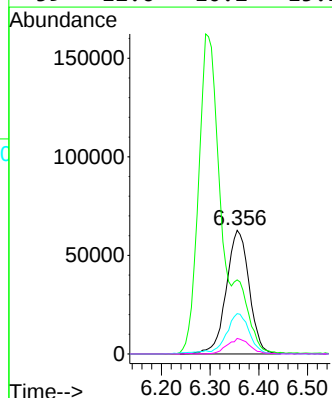
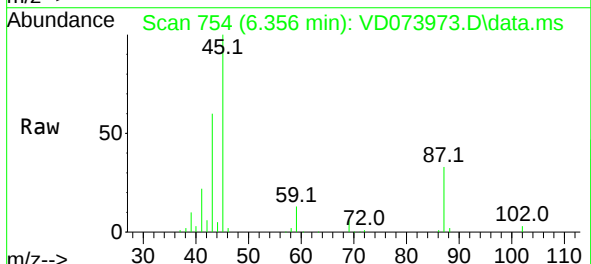
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

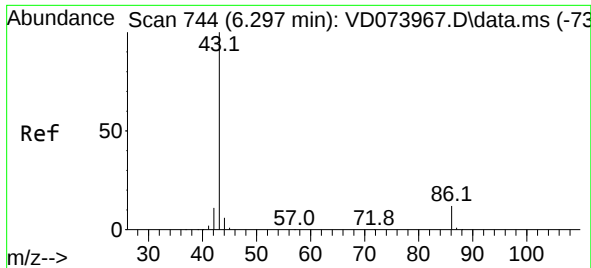
Tgt Ion: 96 Resp: 76058
Ion Ratio Lower Upper
96 100
61 120.4 96.9 145.3
98 57.3 47.2 70.8



#22
Diisopropyl ether
Concen: 52.824 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 45 Resp: 204482
Ion Ratio Lower Upper
45 100
43 58.8 46.1 69.1
87 32.6 25.8 38.6
59 12.6 10.2 15.2

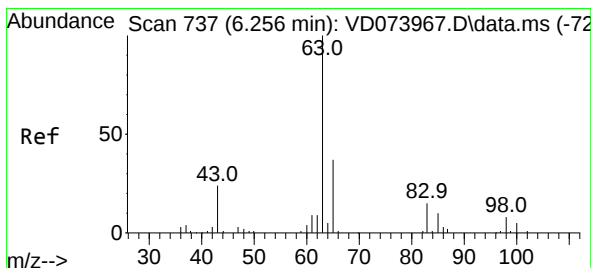
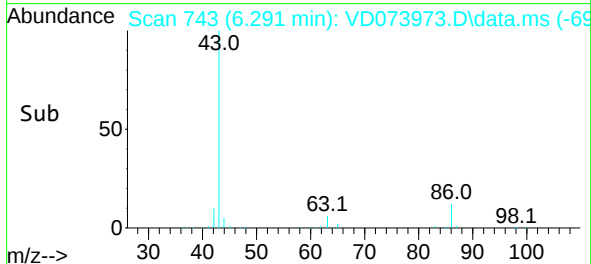
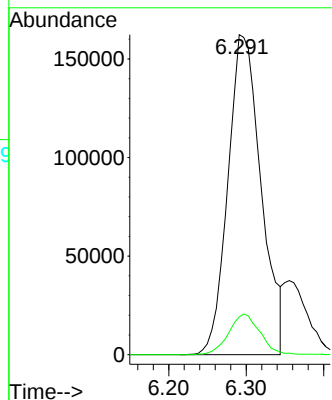
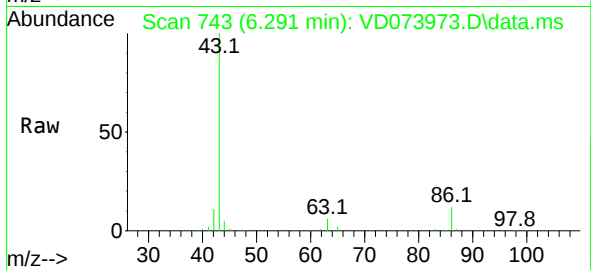




#23
 Vinyl Acetate
 Concen: 233.233 ug/l
 RT: 6.291 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD073973.D
 Acq: 08 Aug 2022 14:40

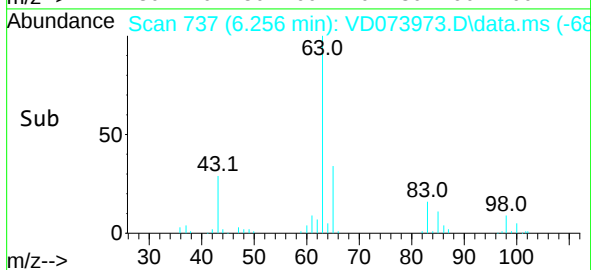
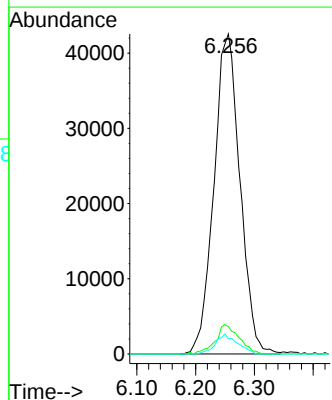
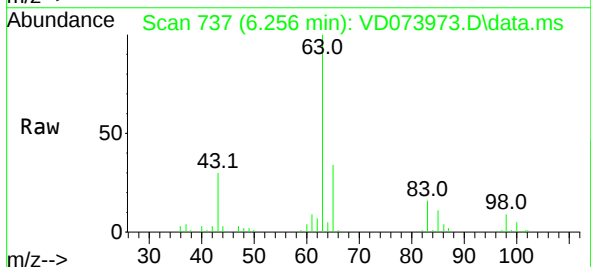
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

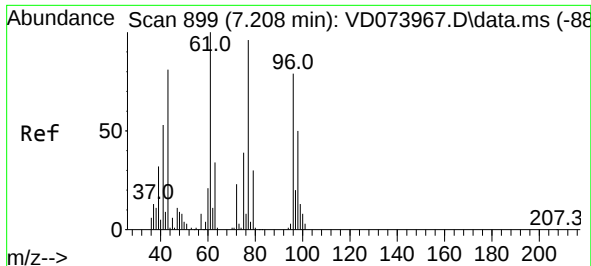
Tgt Ion: 43 Resp: 484640
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 49.135 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: VD073973.D
 Acq: 08 Aug 2022 14:40

Tgt Ion: 63 Resp: 130976
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.1 12.3
 100 4.7 2.3 6.8

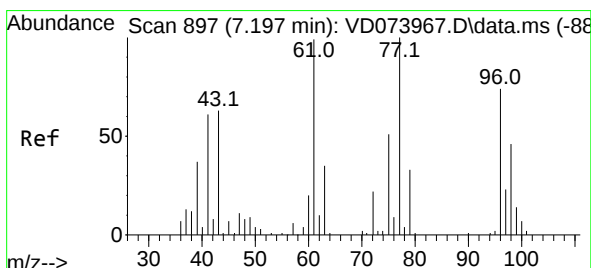
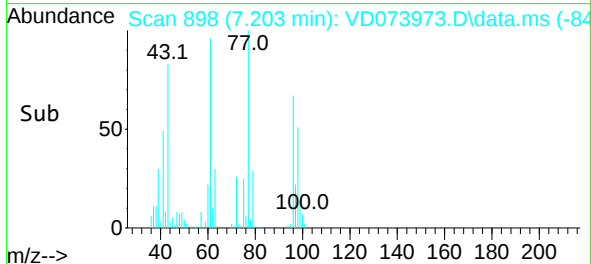
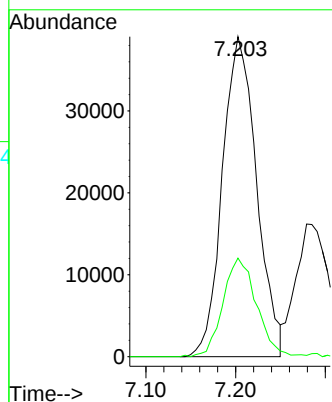
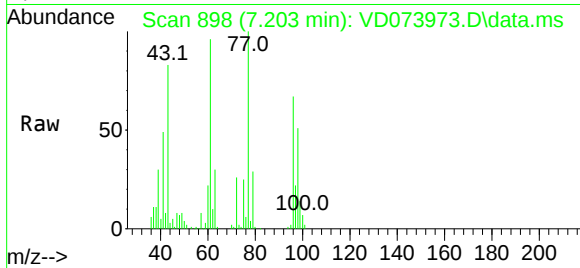




#25
2-Butanone
Concen: 282.276 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

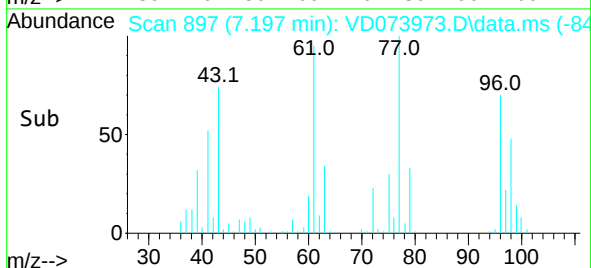
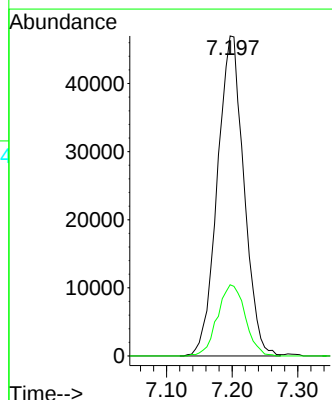
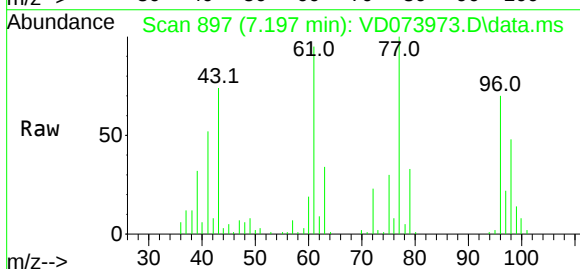
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

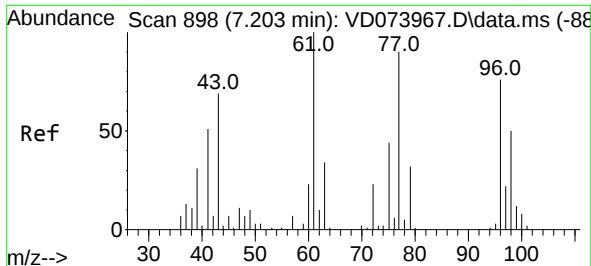
Tgt Ion: 43 Resp: 103437
Ion Ratio Lower Upper
43 100
72 30.8 22.8 34.2



#26
2,2-Dichloropropane
Concen: 49.898 ug/l
RT: 7.197 min Scan# 897
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 77 Resp: 132056
Ion Ratio Lower Upper
77 100
97 23.2 11.1 33.1



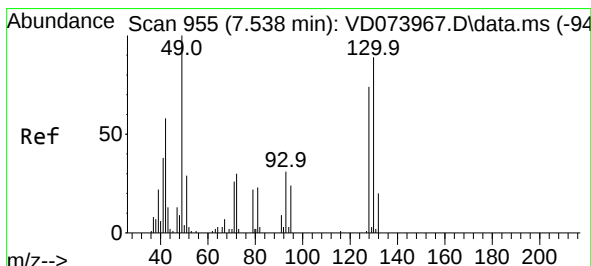
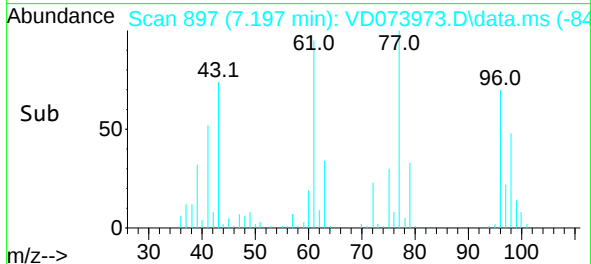
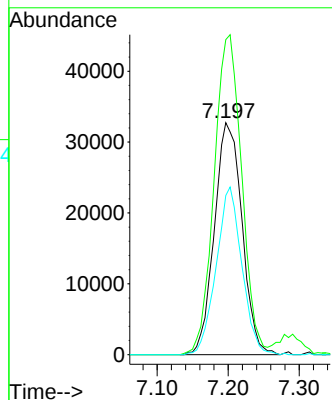
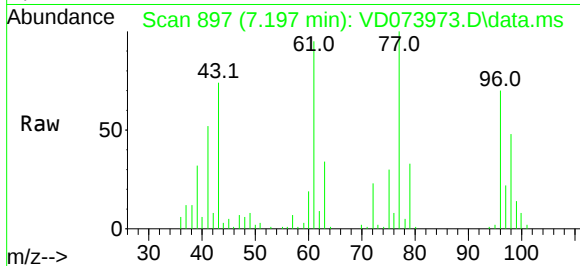


#27
 cis-1,2-Dichloroethene
 Concen: 50.027 ug/l
 RT: 7.197 min Scan# 898
 Delta R.T. -0.006 min
 Lab File: VD073973.D
 Acq: 08 Aug 2022 14:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 88562

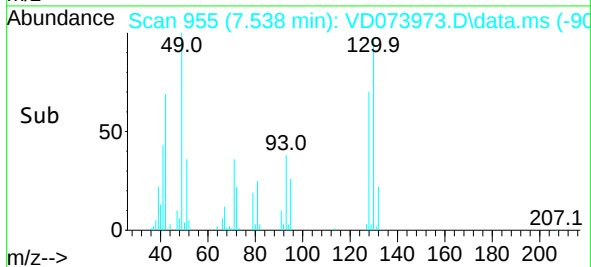
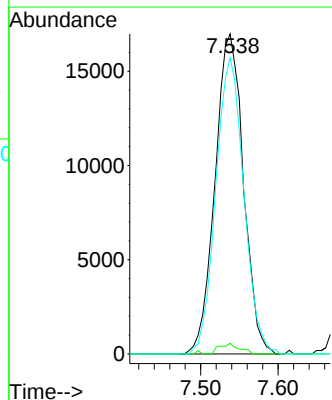
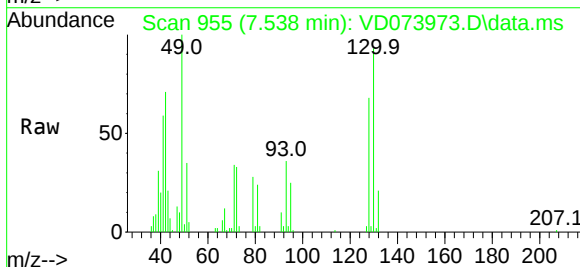
Ion	Ratio	Lower	Upper
96	100		
61	137.4	0.0	276.8
98	67.1	0.0	130.4

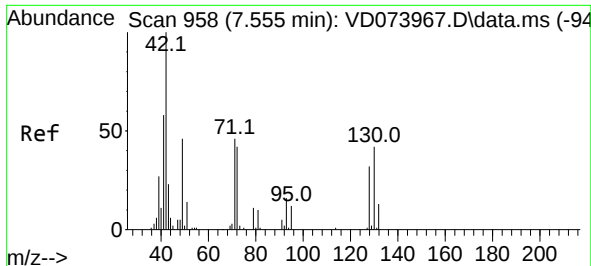


#28
 Bromochloromethane
 Concen: 50.670 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. 0.000 min
 Lab File: VD073973.D
 Acq: 08 Aug 2022 14:40

Tgt Ion: 49 Resp: 43192

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	91.5	71.7	107.5





#29

Tetrahydrofuran

Concen: 266.693 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

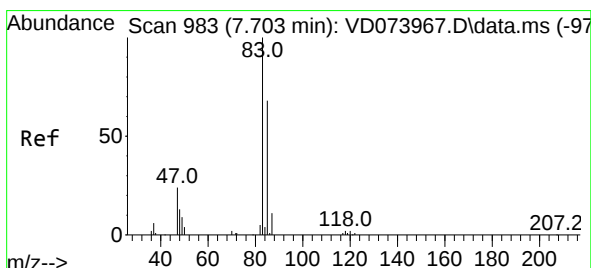
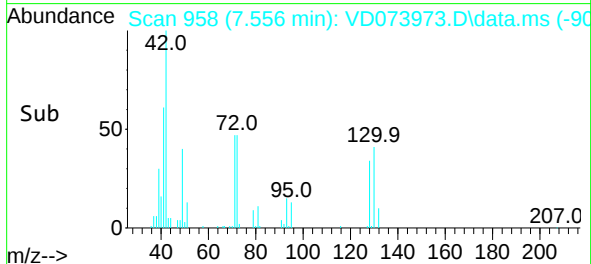
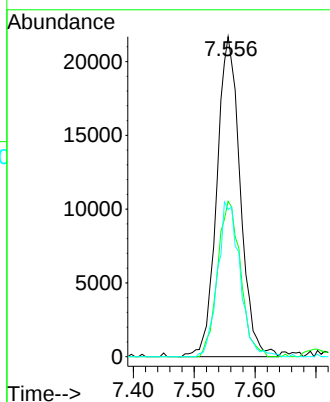
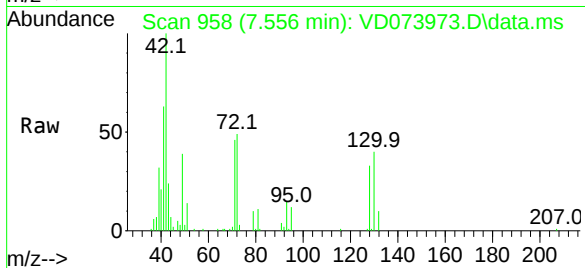
Tgt Ion: 42 Resp: 57724

Ion Ratio Lower Upper

42 100

72 47.7 37.0 55.6

71 46.4 36.9 55.3



#30

Chloroform

Concen: 51.448 ug/l

RT: 7.697 min Scan# 982

Delta R.T. -0.006 min

Lab File: VD073973.D

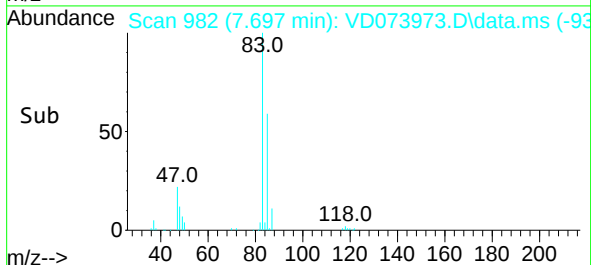
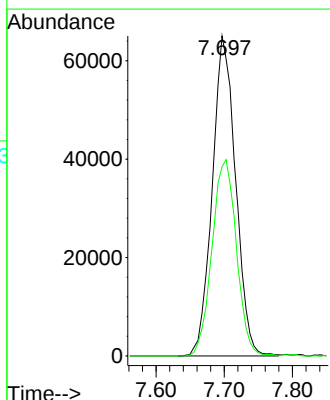
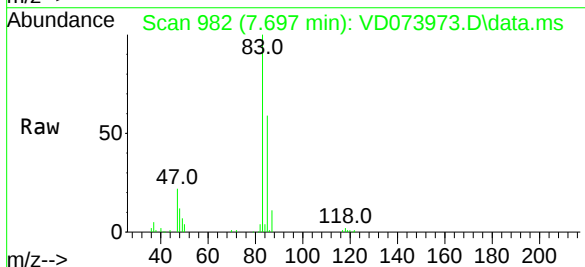
Acq: 08 Aug 2022 14:40

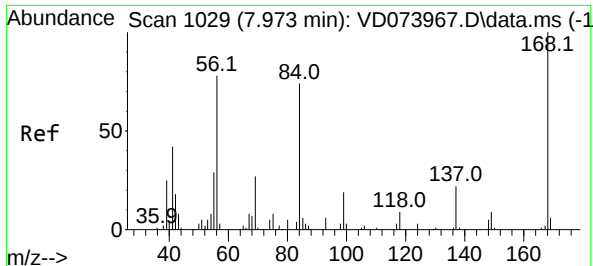
Tgt Ion: 83 Resp: 154950

Ion Ratio Lower Upper

83 100

85 59.1 54.2 81.4





#31

Cyclohexane

Concen: 42.123 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

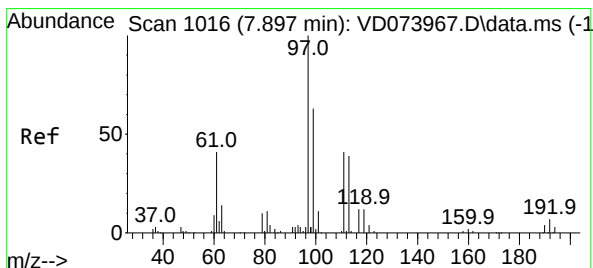
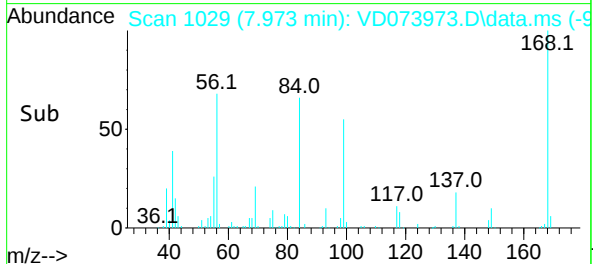
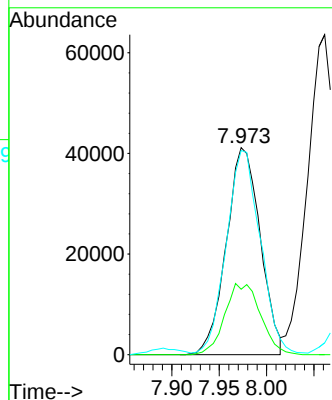
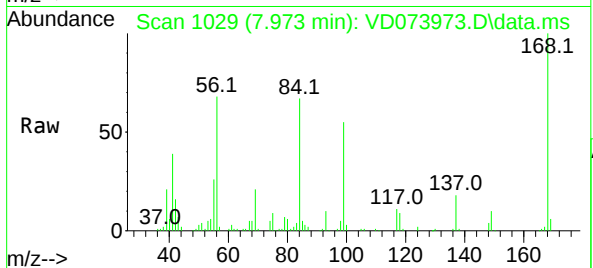
Tgt Ion: 56 Resp: 102681

Ion Ratio Lower Upper

56 100

69 31.6 27.6 41.4

84 96.6 75.4 113.0



#32

1,1,1-Trichloroethane

Concen: 50.837 ug/l

RT: 7.891 min Scan# 1015

Delta R.T. -0.006 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

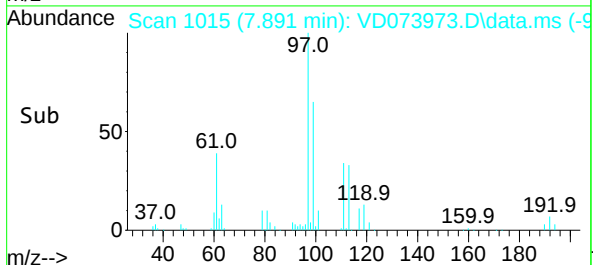
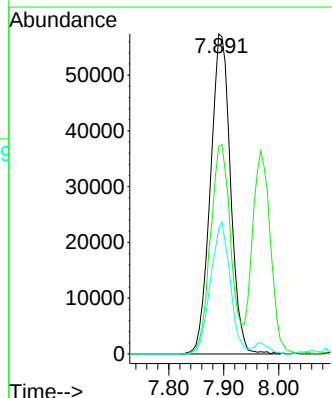
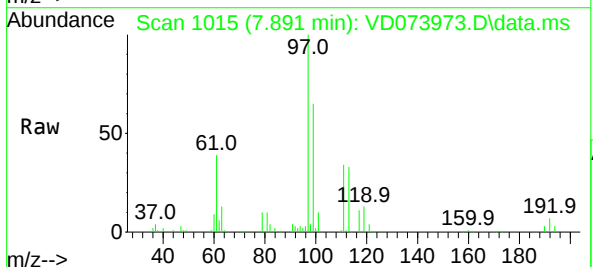
Tgt Ion: 97 Resp: 145715

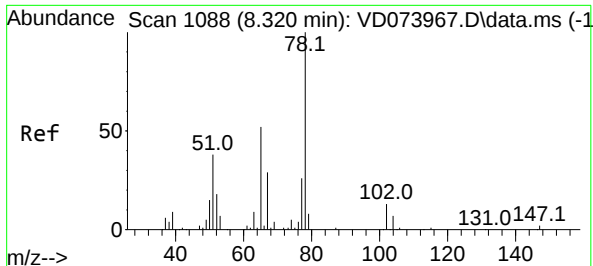
Ion Ratio Lower Upper

97 100

99 65.5 51.1 76.7

61 40.3 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 49.594 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

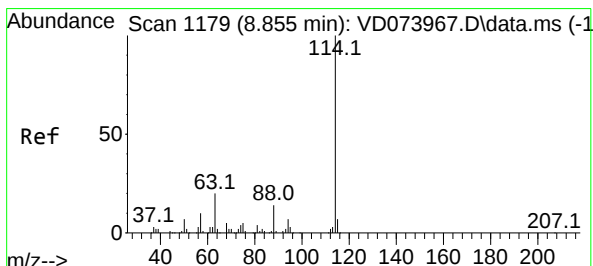
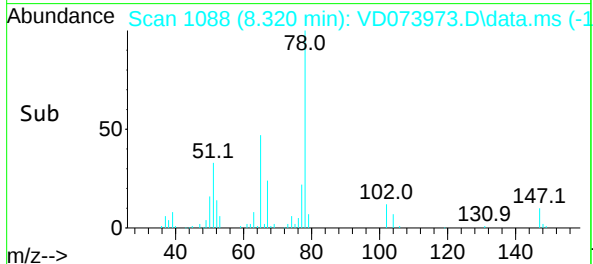
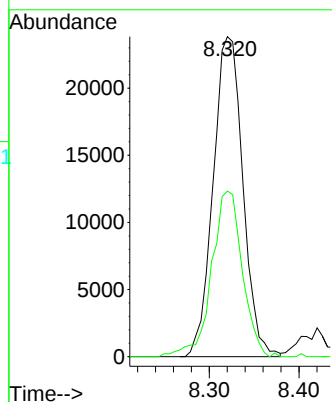
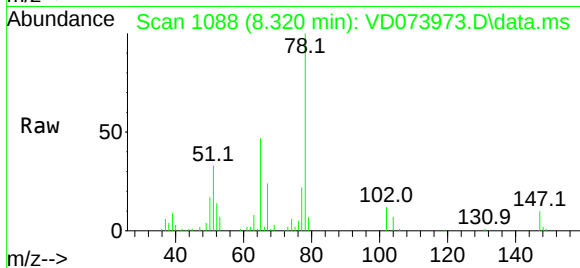
VSTDCCC050

Tgt Ion: 65 Resp: 54795

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

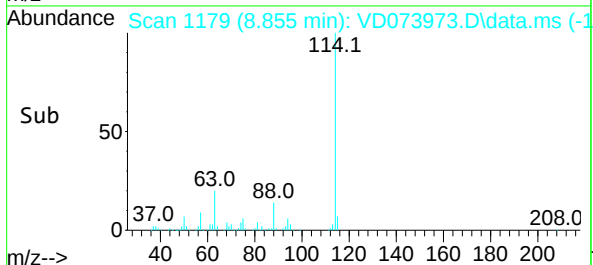
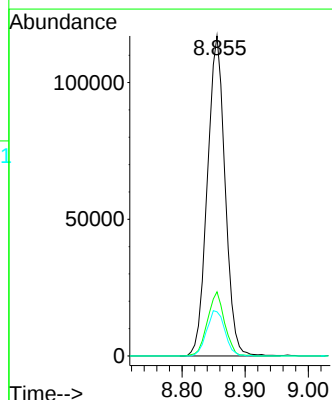
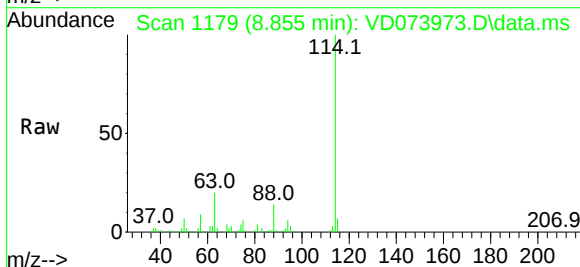
Tgt Ion: 114 Resp: 228387

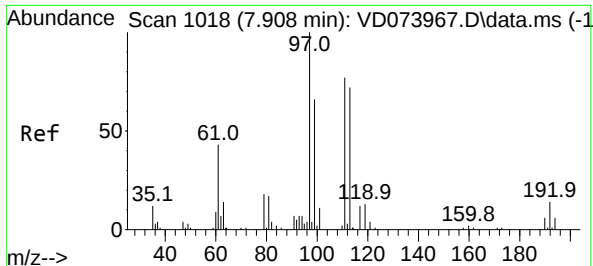
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

88 13.8 0.0 28.0





#35

Dibromofluoromethane

Concen: 47.779 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

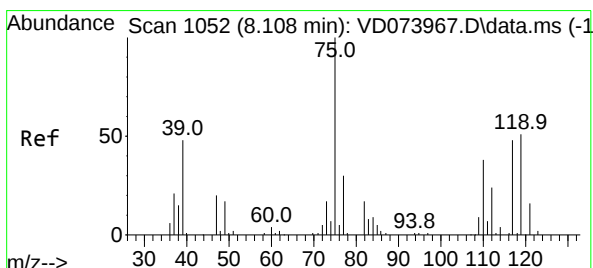
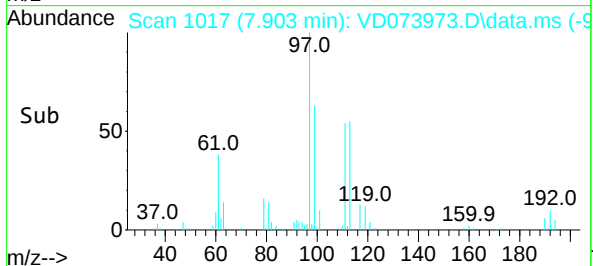
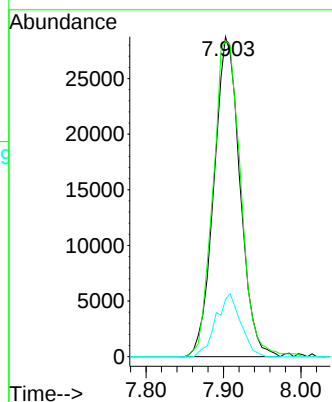
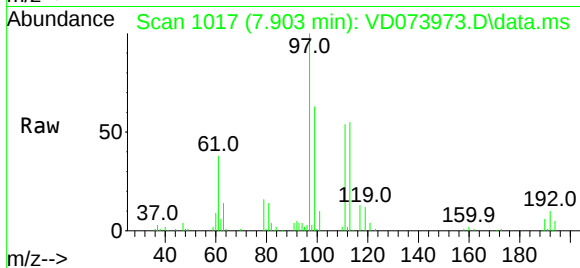
Tgt Ion:113 Resp: 67228

Ion Ratio Lower Upper

113 100

111 104.6 83.0 124.4

192 18.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 47.342 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

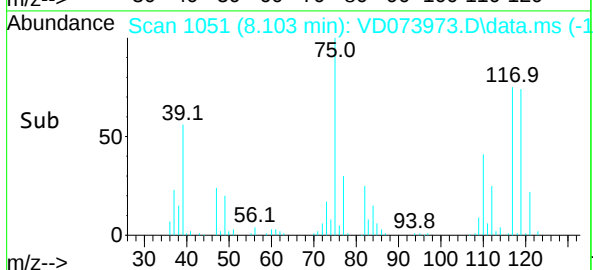
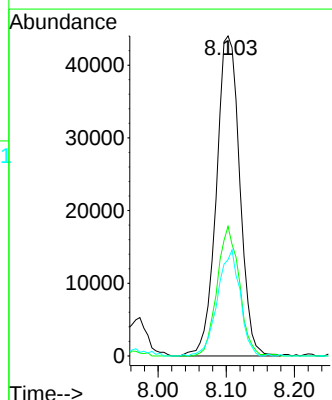
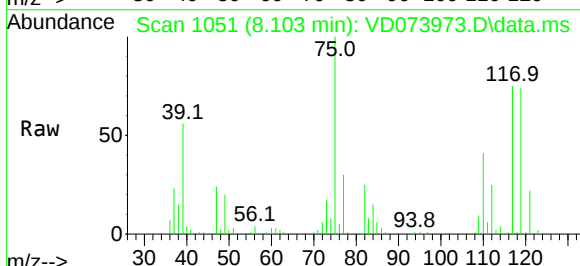
Tgt Ion: 75 Resp: 105167

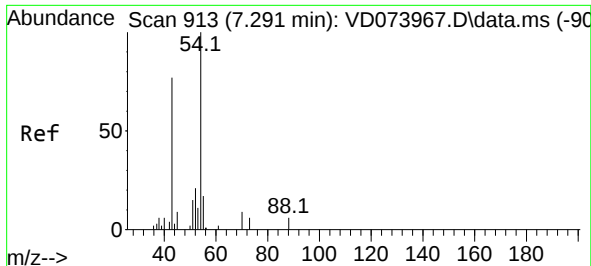
Ion Ratio Lower Upper

75 100

110 38.2 18.9 56.7

77 32.0 25.5 38.3

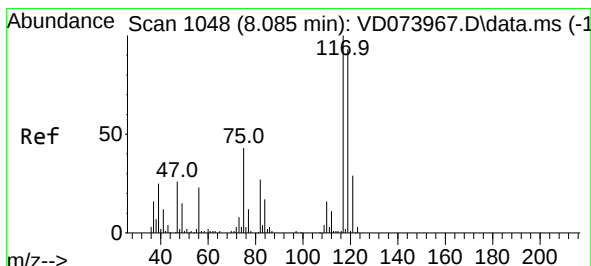
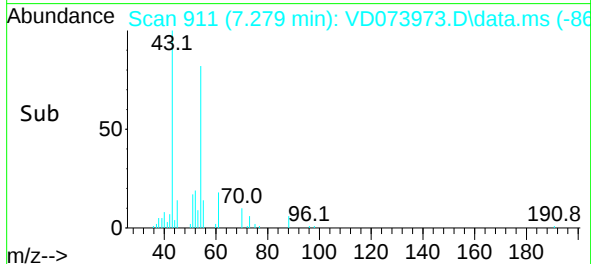
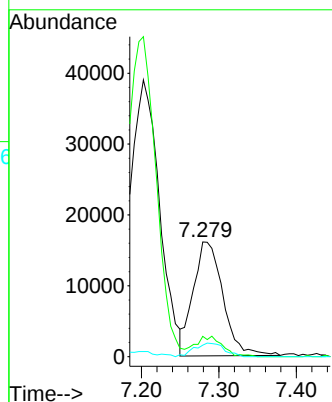
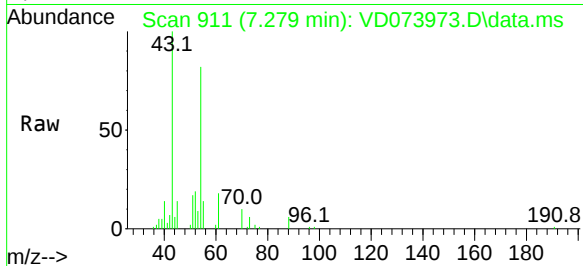




#37
Ethyl Acetate
Concen: 51.936 ug/l
RT: 7.279 min Scan# 911
Delta R.T. -0.012 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

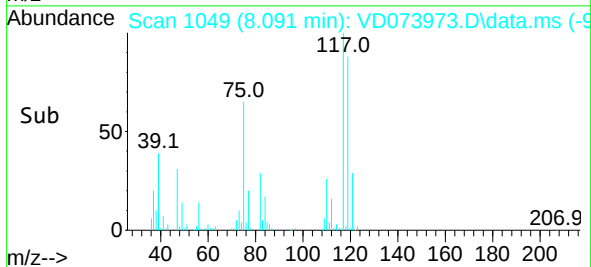
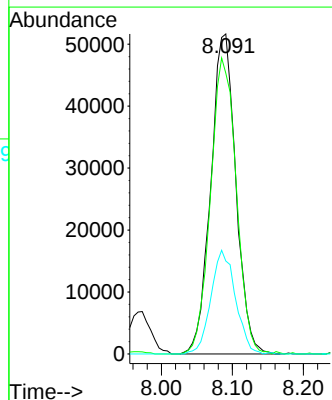
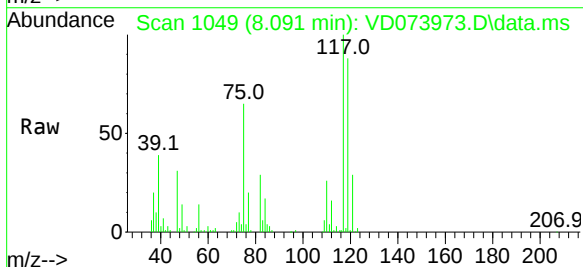
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

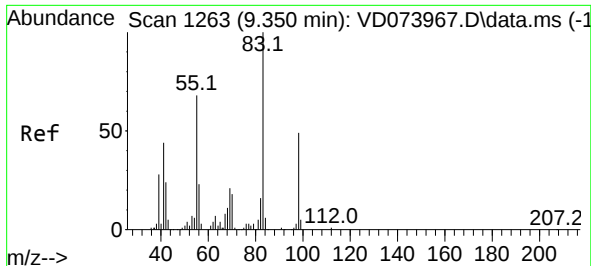
Tgt Ion: 43 Resp: 42903
Ion Ratio Lower Upper
43 100
61 16.5 11.2 16.8
70 11.9 7.7 11.5#



#38
Carbon Tetrachloride
Concen: 51.189 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 117 Resp: 126628
Ion Ratio Lower Upper
117 100
119 87.7 74.7 112.1
121 29.1 23.4 35.0





#39

Methylcyclohexane

Concen: 48.340 ug/l

RT: 9.344 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

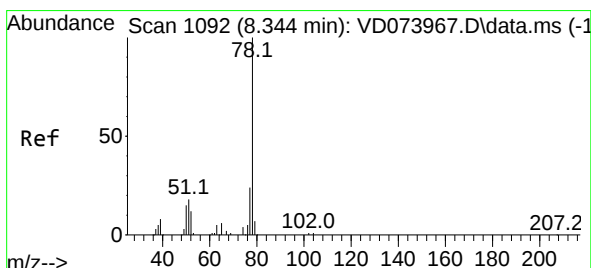
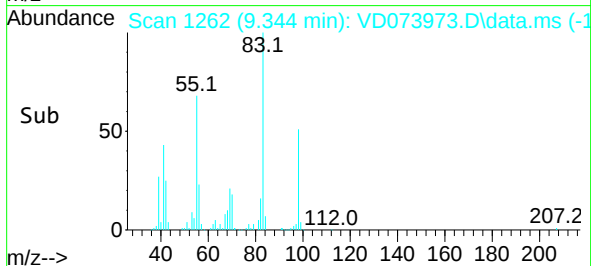
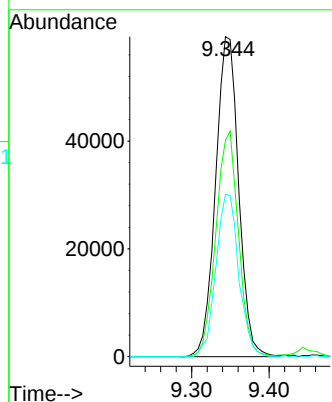
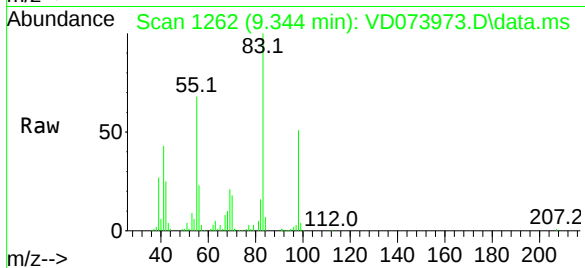
Tgt Ion: 83 Resp: 122782

Ion Ratio Lower Upper

83 100

55 67.7 54.1 81.1

98 50.7 39.2 58.8



#40

Benzene

Concen: 49.937 ug/l

RT: 8.338 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD073973.D

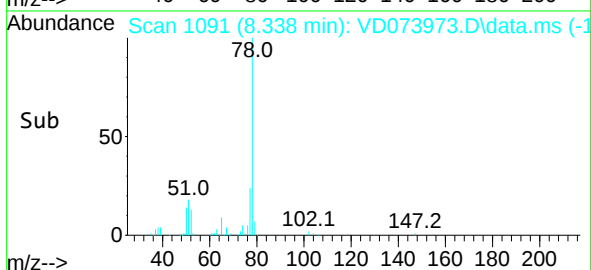
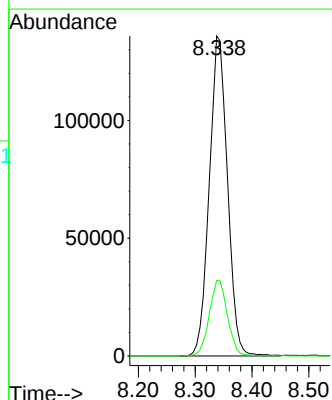
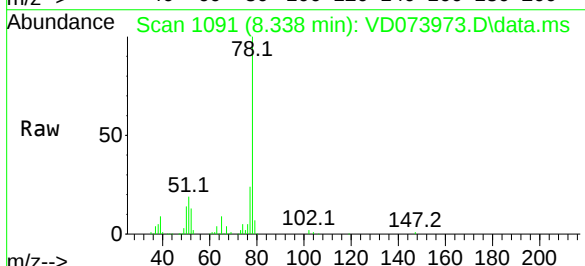
Acq: 08 Aug 2022 14:40

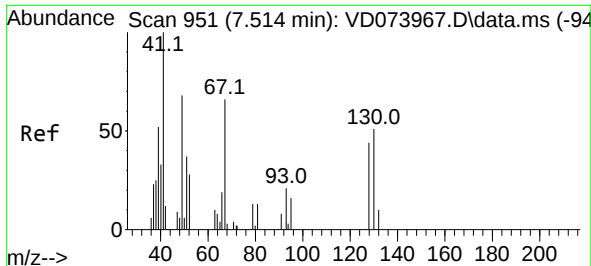
Tgt Ion: 78 Resp: 301247

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9

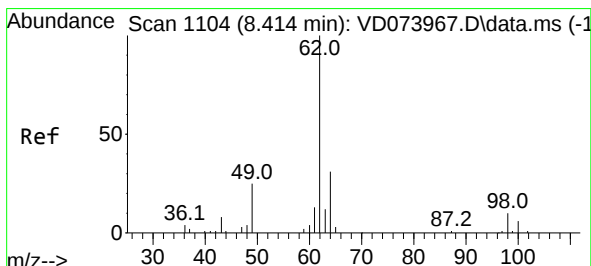
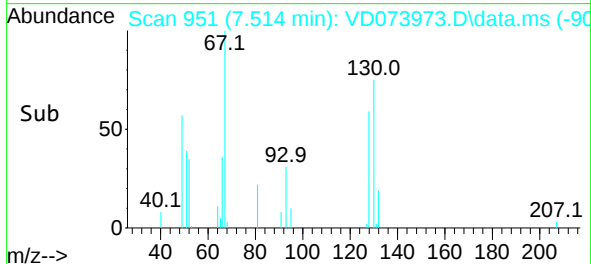
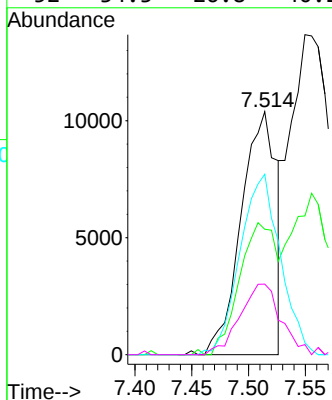
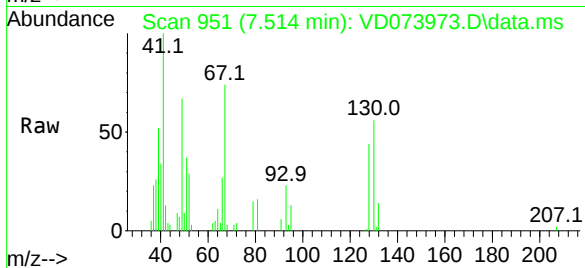




#41
Methacrylonitrile
Concen: 51.429 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

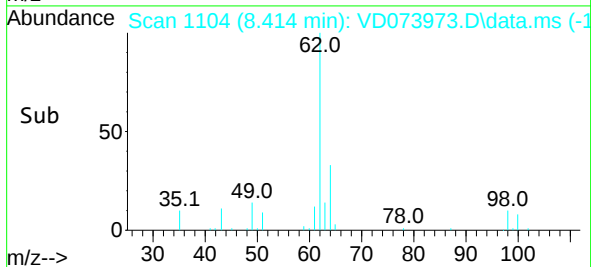
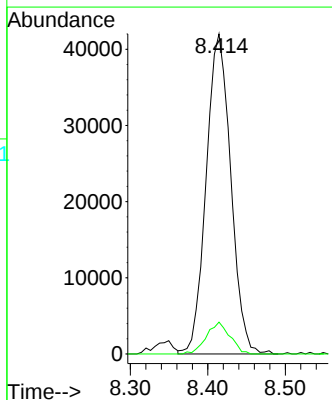
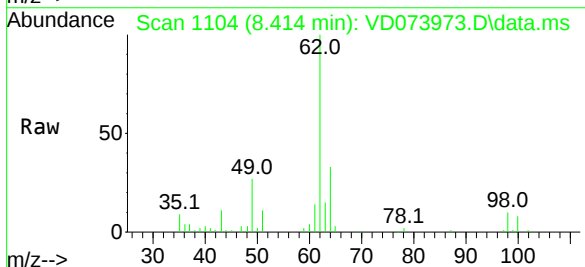
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

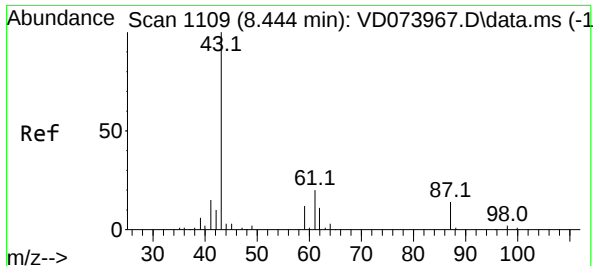
Tgt Ion: 41 Resp: 22438
Ion Ratio Lower Upper
41 100
39 56.8 45.3 67.9
67 84.6 60.2 90.4
52 34.3 26.8 40.2



#42
1,2-Dichloroethane
Concen: 50.634 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 62 Resp: 92668
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.6

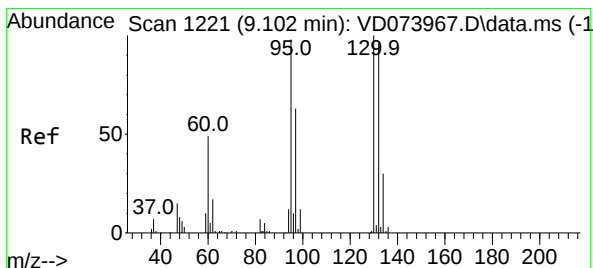
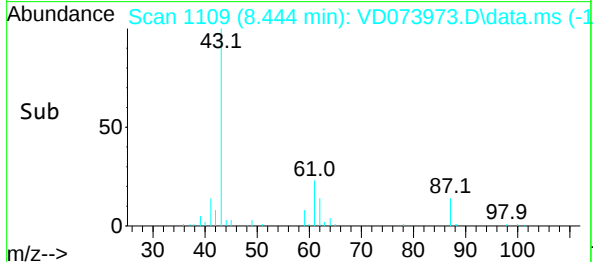
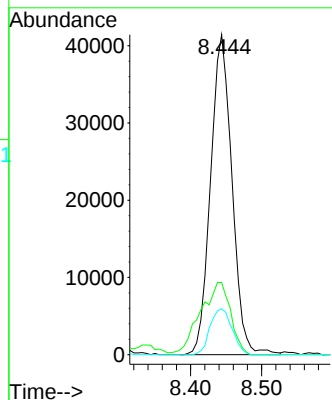
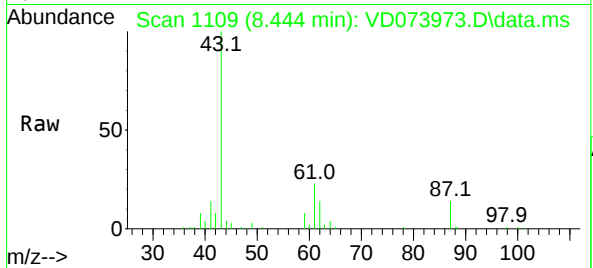




#43
Isopropyl Acetate
Concen: 53.686 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

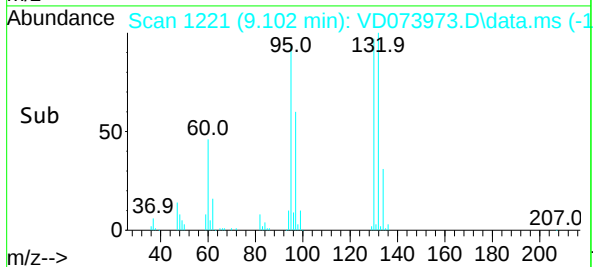
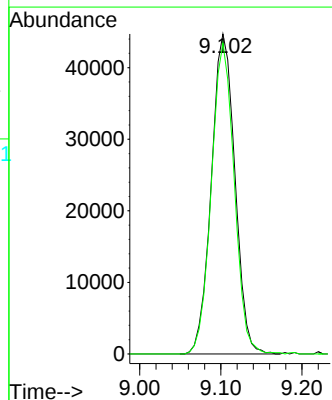
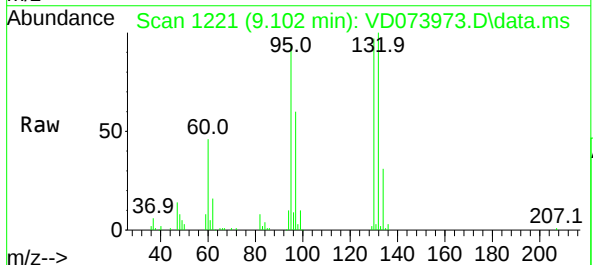
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

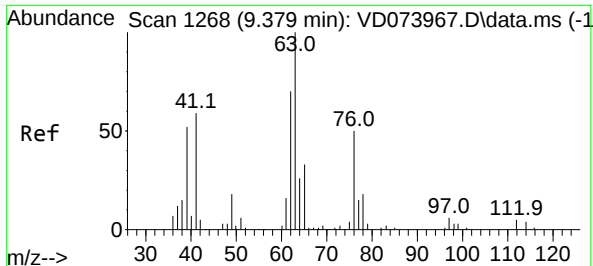
Tgt Ion: 43 Resp: 86658
Ion Ratio Lower Upper
43 100
61 31.9 25.8 38.6
87 14.7 11.8 17.8



#44
Trichloroethene
Concen: 51.951 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion:130 Resp: 90211
Ion Ratio Lower Upper
130 100
95 97.1 0.0 196.2





#45

1,2-Dichloropropane

Concen: 51.200 ug/l

RT: 9.373 min Scan# 1267

Delta R.T. -0.006 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

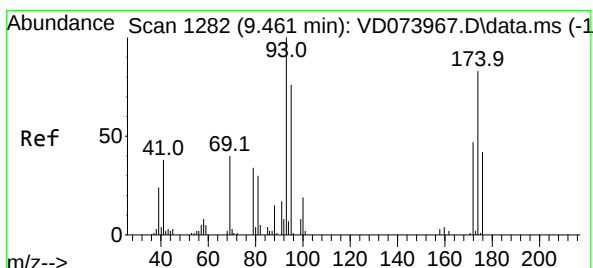
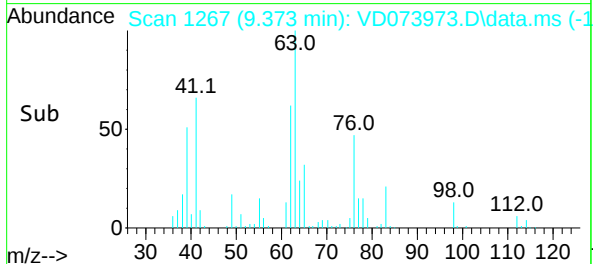
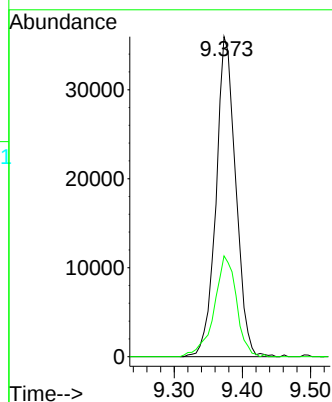
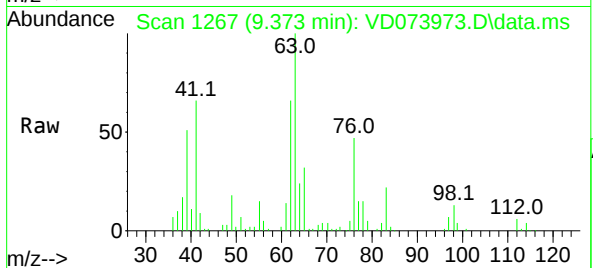
VSTDCCC050

Tgt Ion: 63 Resp: 72395

Ion Ratio Lower Upper

63 100

65 31.5 26.8 40.2



#46

Dibromomethane

Concen: 49.730 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

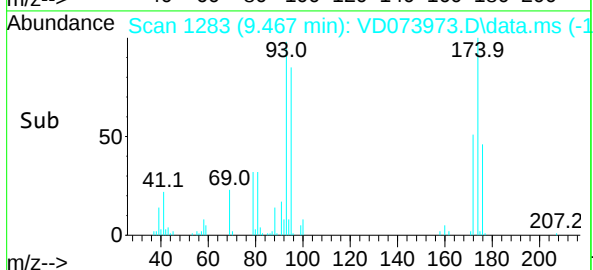
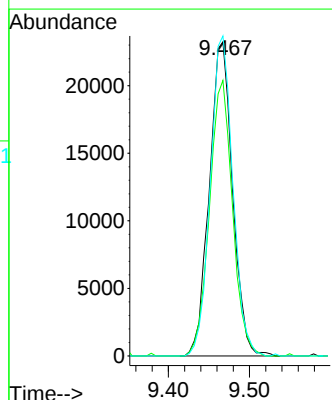
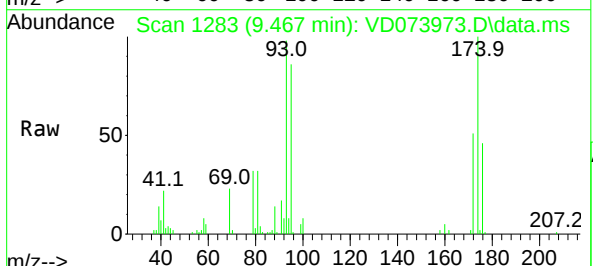
Tgt Ion: 93 Resp: 46327

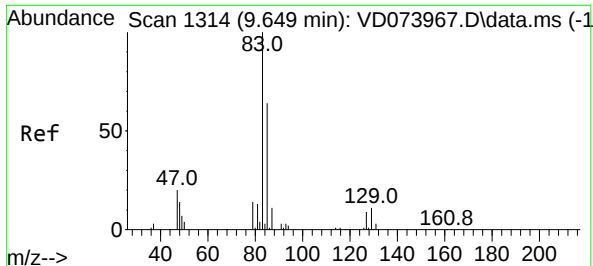
Ion Ratio Lower Upper

93 100

95 86.7 63.6 95.4

174 98.5 74.9 112.3





#47

Bromodichloromethane

Concen: 53.020 ug/l

RT: 9.649 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

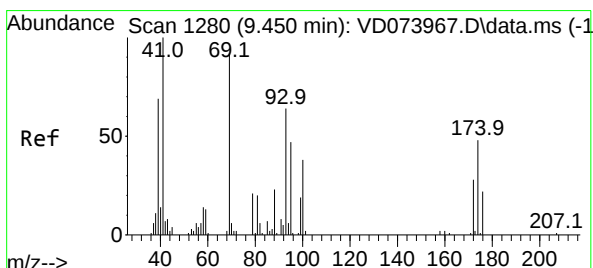
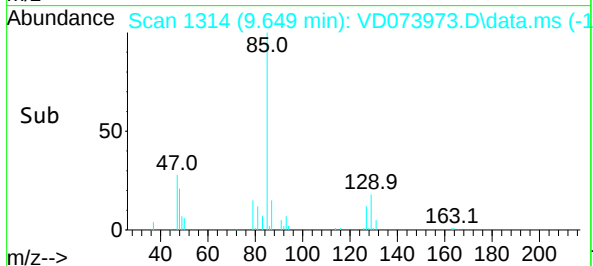
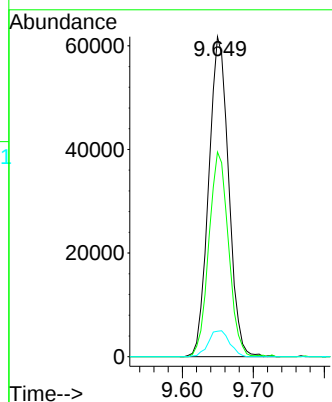
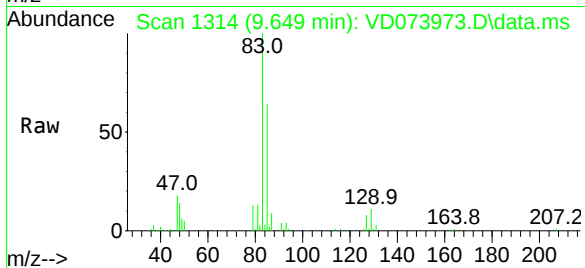
Tgt Ion: 83 Resp: 120303

Ion Ratio Lower Upper

83 100

85 64.0 51.5 77.3

127 8.0 7.4 11.0



#48

Methyl methacrylate

Concen: 48.635 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.006 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

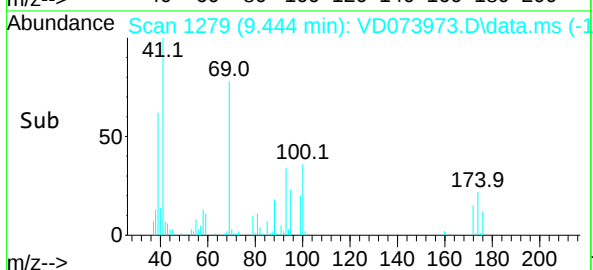
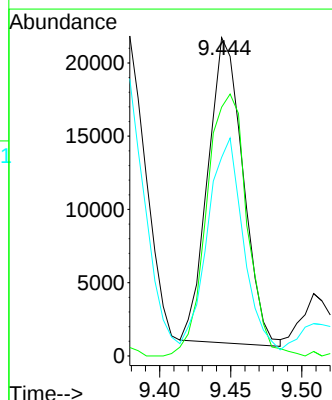
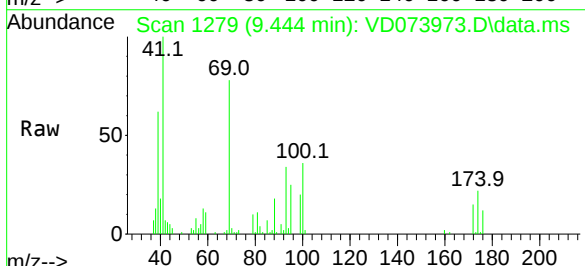
Tgt Ion: 41 Resp: 35900

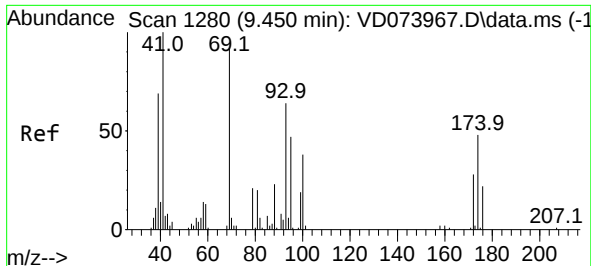
Ion Ratio Lower Upper

41 100

69 98.4 70.6 105.8

39 69.9 50.6 76.0

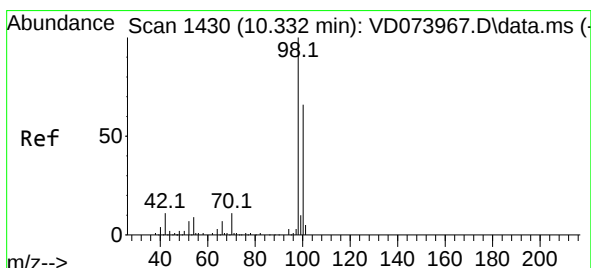
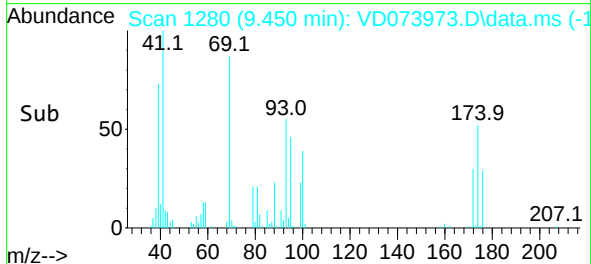
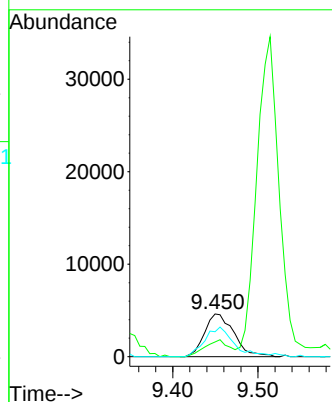
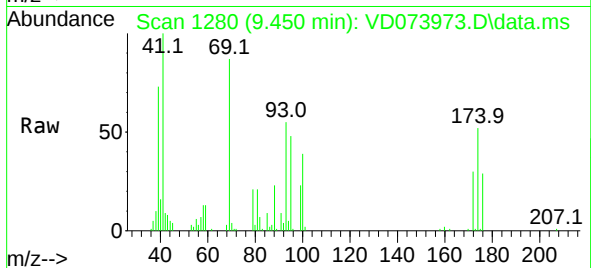




#49
1,4-Dioxane
Concen: 1118.748 ug/l
RT: 9.450 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

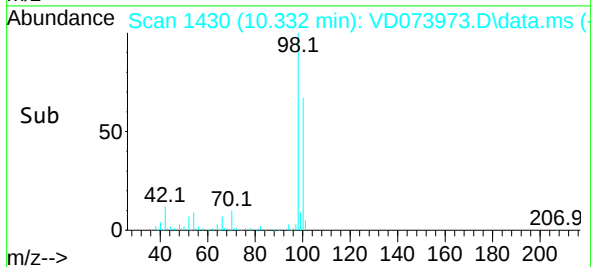
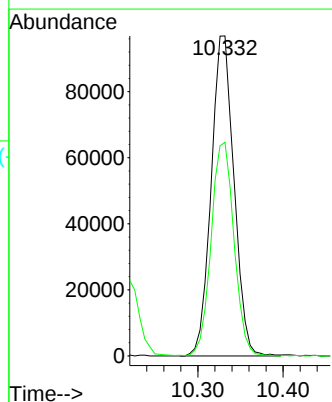
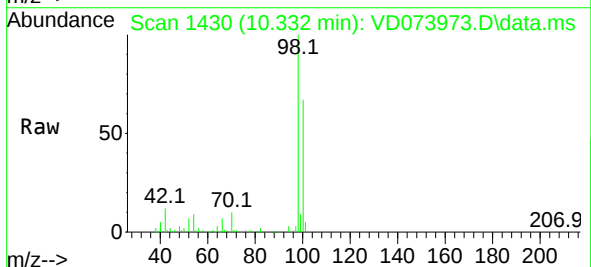
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

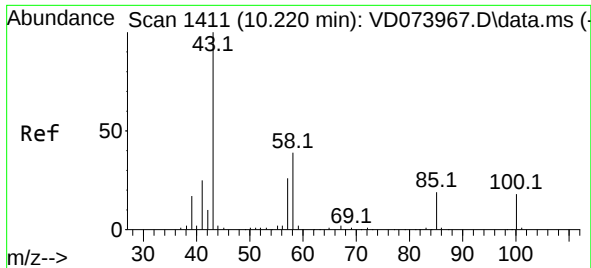
Tgt Ion: 88 Resp: 11065
Ion Ratio Lower Upper
88 100
43 32.4 24.4 36.6
58 68.6 58.0 87.0



#50
Toluene-d8
Concen: 46.164 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 98 Resp: 180041
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6

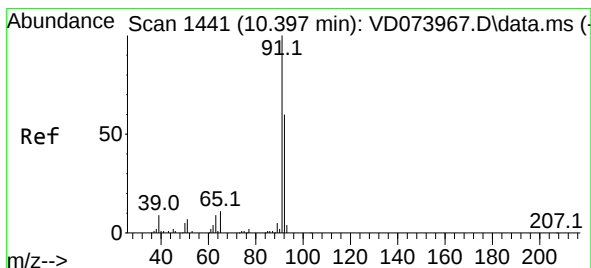
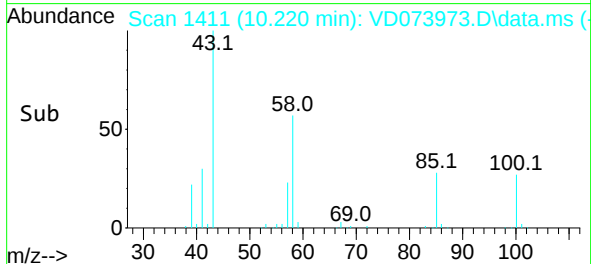
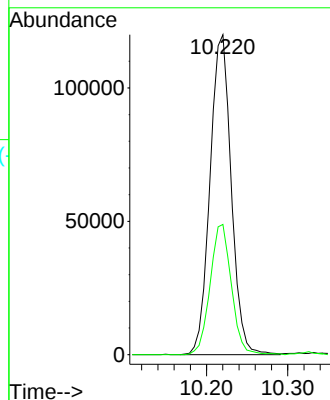
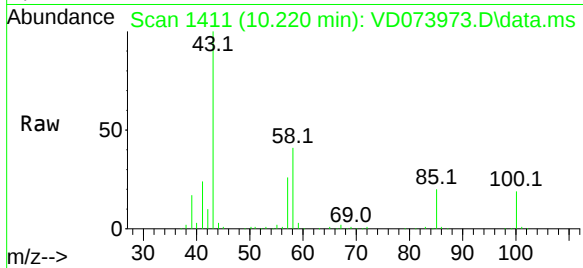




#51
4-Methyl-2-Pentanone
Concen: 271.279 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

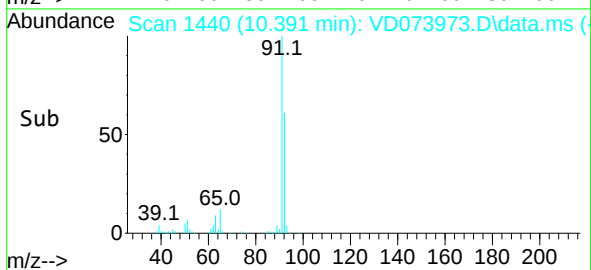
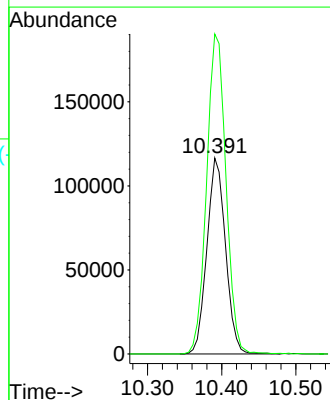
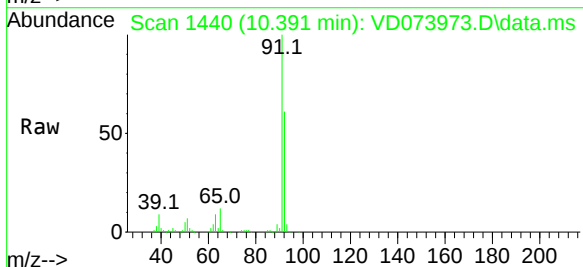
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

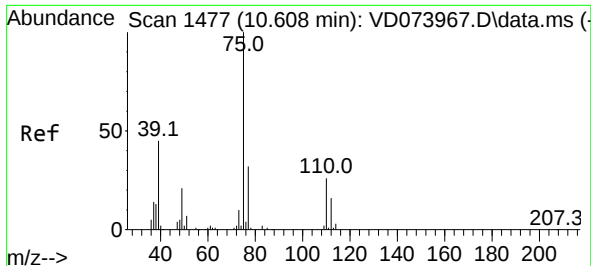
Tgt Ion: 43 Resp: 217868
Ion Ratio Lower Upper
43 100
58 40.8 31.6 47.4



#52
Toluene
Concen: 51.021 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 92 Resp: 203570
Ion Ratio Lower Upper
92 100
91 169.5 135.6 203.4

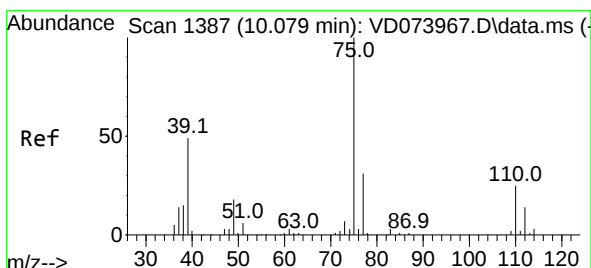
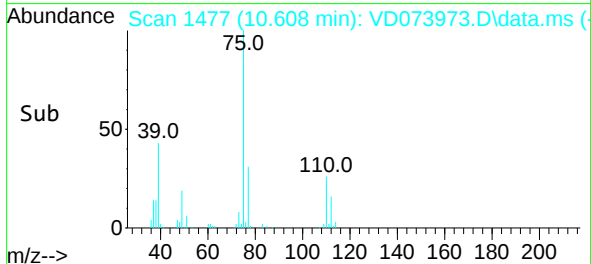
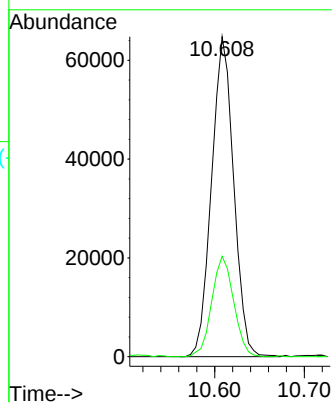
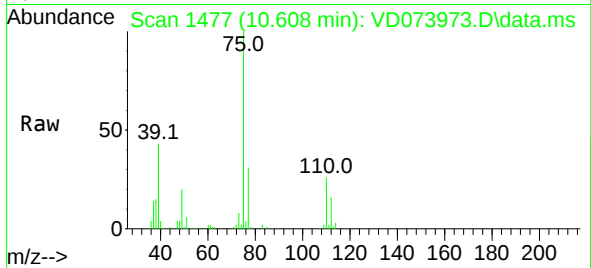




#53
t-1,3-Dichloropropene
Concen: 54.263 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

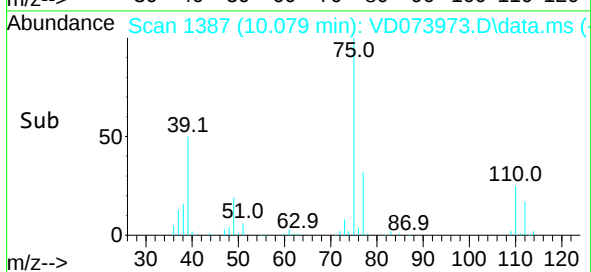
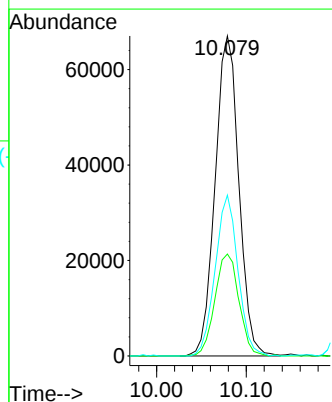
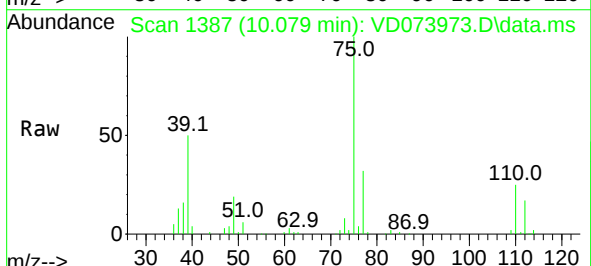
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

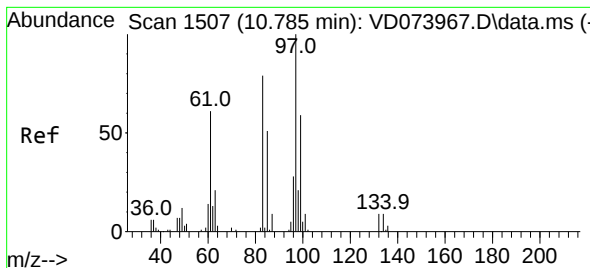
Tgt Ion: 75 Resp: 110815
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.818 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 75 Resp: 123012
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4
39 50.3 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 53.921 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 63637

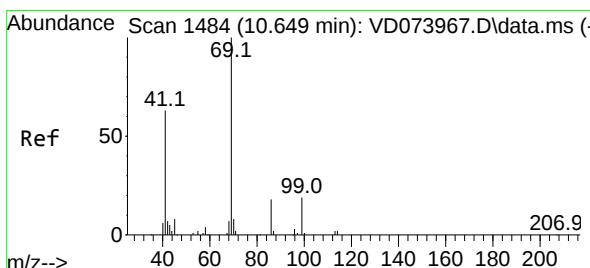
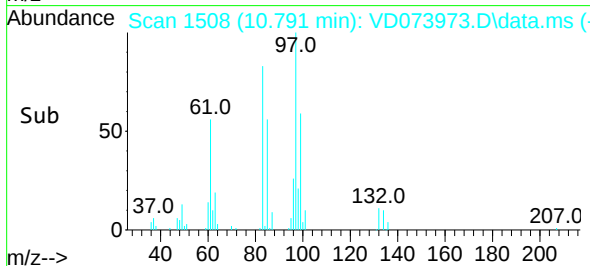
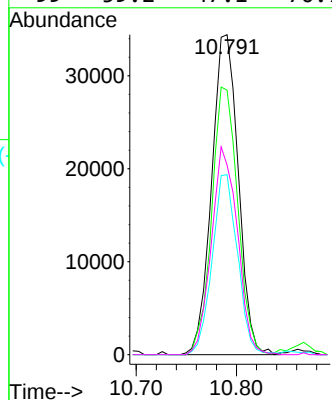
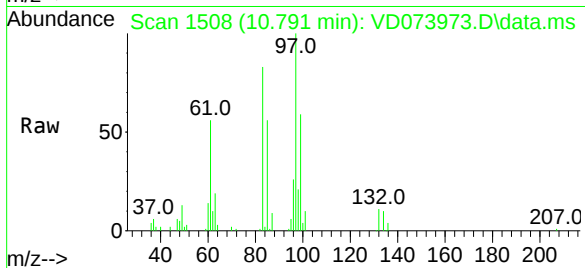
Ion Ratio Lower Upper

97 100

83 82.7 63.0 94.6

85 56.3 40.7 61.1

99 59.2 47.1 70.7



#56

Ethyl methacrylate

Concen: 55.644 ug/l

RT: 10.649 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

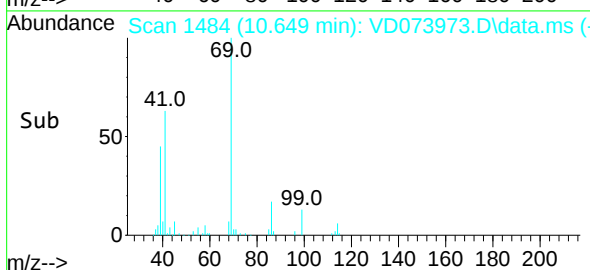
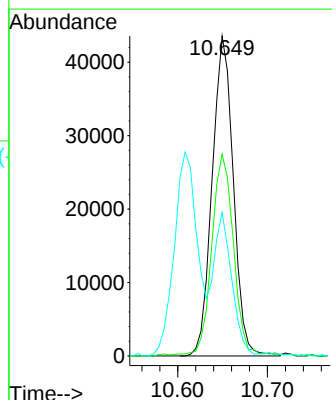
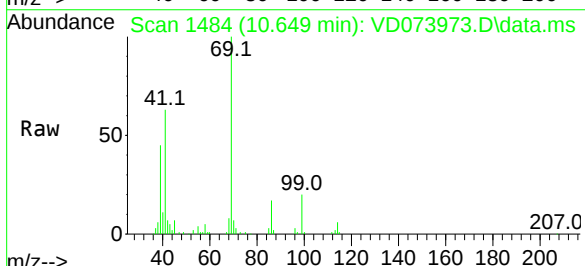
Tgt Ion: 69 Resp: 71331

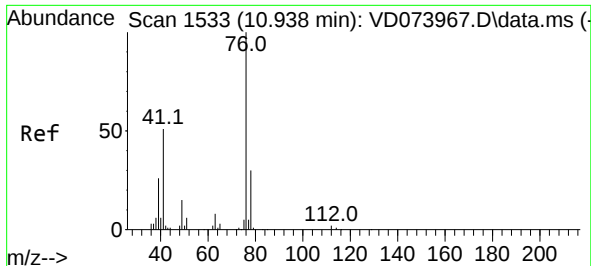
Ion Ratio Lower Upper

69 100

41 65.6 51.2 76.8

39 37.8 32.8 49.2





#57

1,3-Dichloropropane

Concen: 52.225 ug/l

RT: 10.932 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

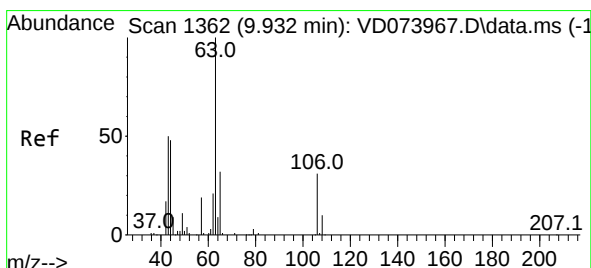
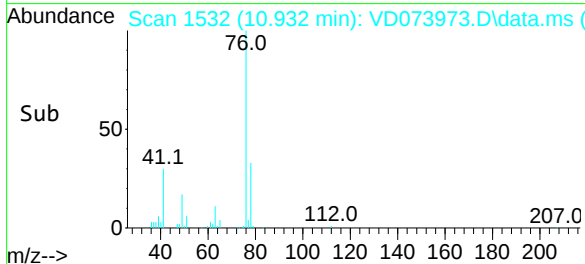
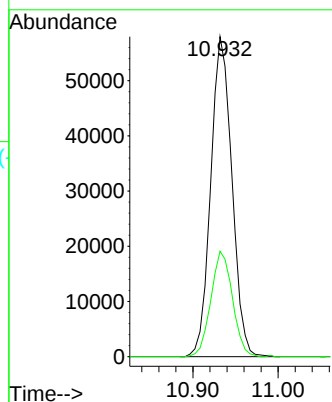
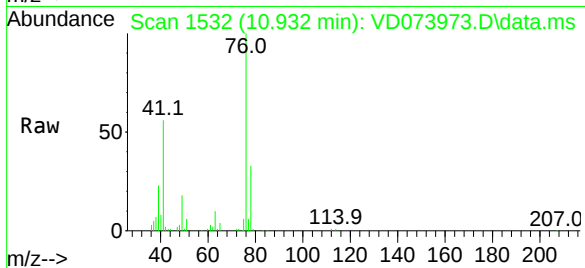
VSTDCCC050

Tgt Ion: 76 Resp: 100031

Ion Ratio Lower Upper

76 100

78 33.6 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 283.330 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073973.D

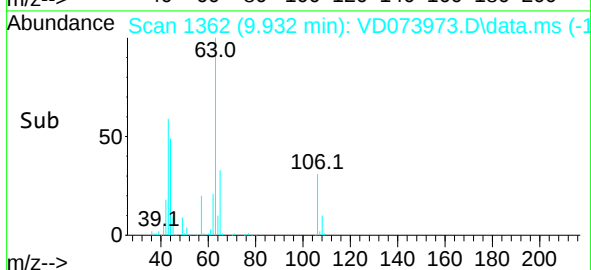
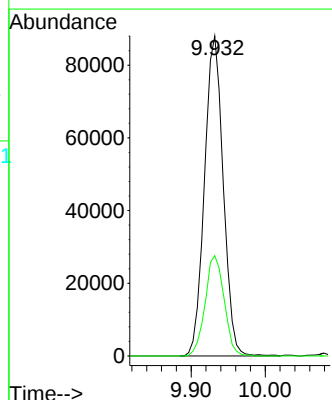
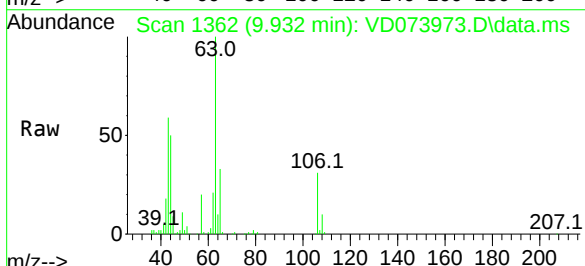
Acq: 08 Aug 2022 14:40

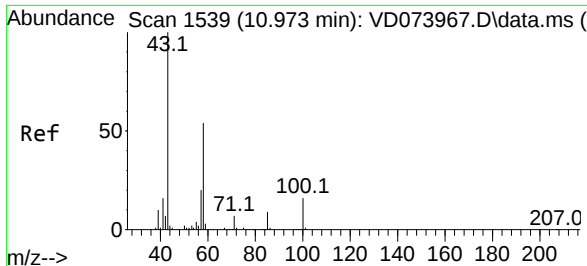
Tgt Ion: 63 Resp: 154363

Ion Ratio Lower Upper

63 100

106 31.8 25.2 37.8

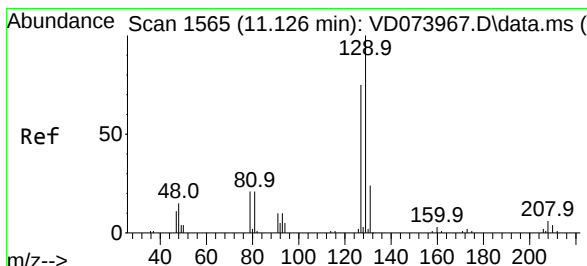
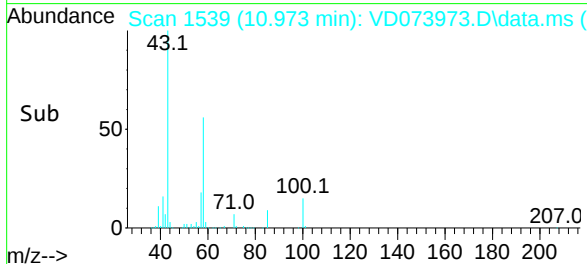
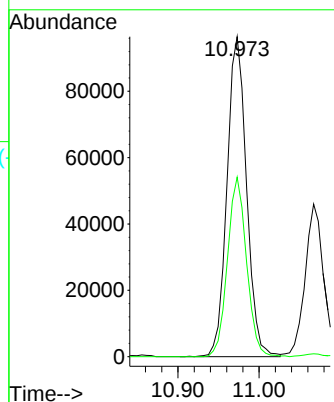
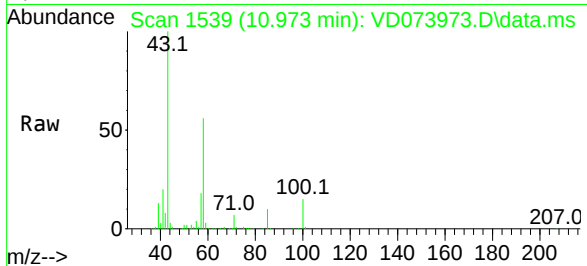




#59
2-Hexanone
Concen: 302.976 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

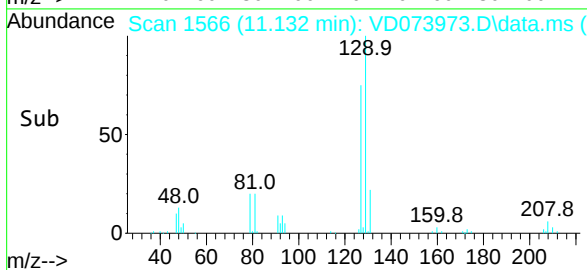
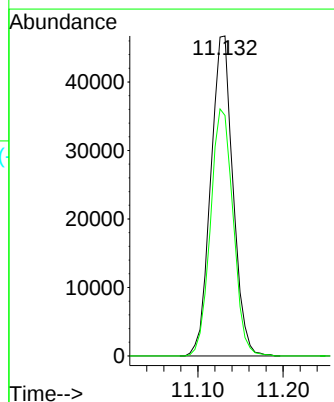
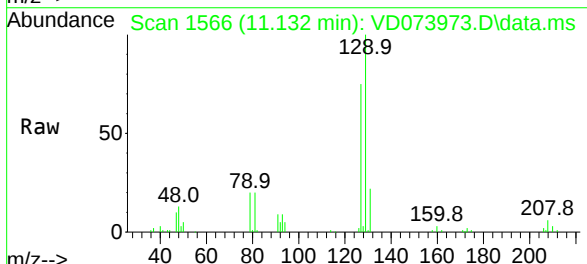
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

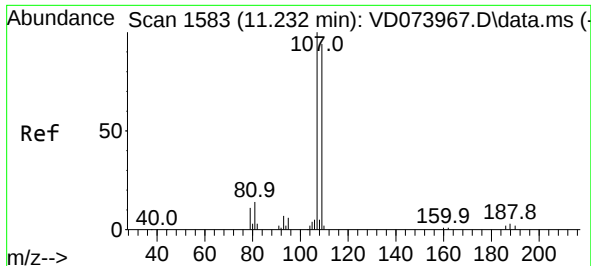
Tgt Ion: 43 Resp: 161170
Ion Ratio Lower Upper
43 100
58 54.8 27.4 82.0



#60
Dibromochloromethane
Concen: 53.795 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 129 Resp: 85060
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.6

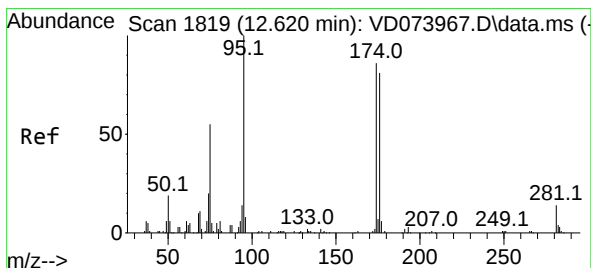
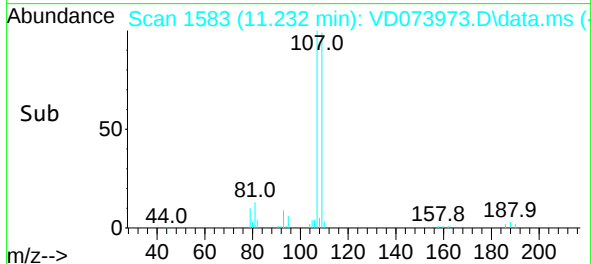
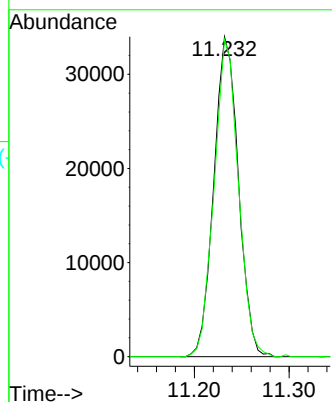
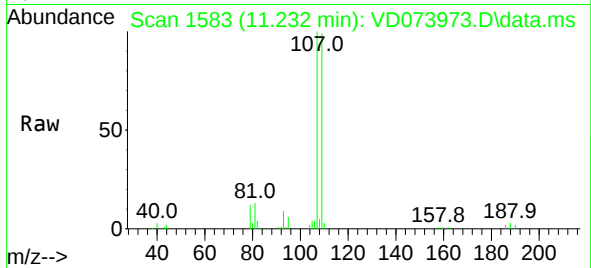




#61
1,2-Dibromoethane
Concen: 51.873 ug/l
RT: 11.232 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

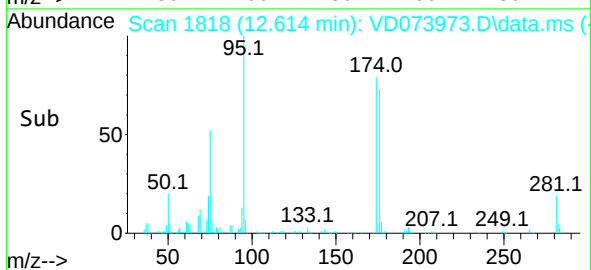
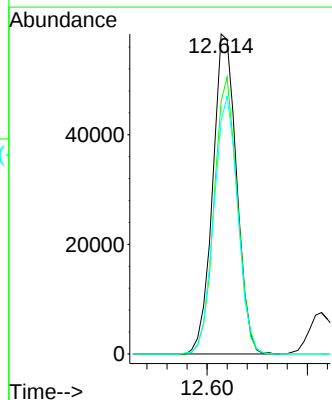
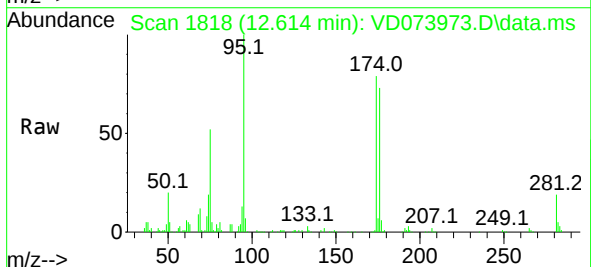
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

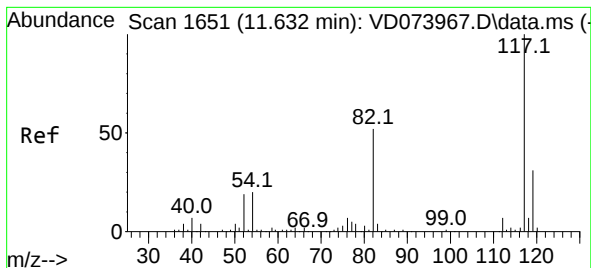
Tgt Ion:107 Resp: 61220
Ion Ratio Lower Upper
107 100
109 97.9 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 51.414 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 95 Resp: 96412
Ion Ratio Lower Upper
95 100
174 84.0 0.0 163.0
176 80.5 0.0 154.8

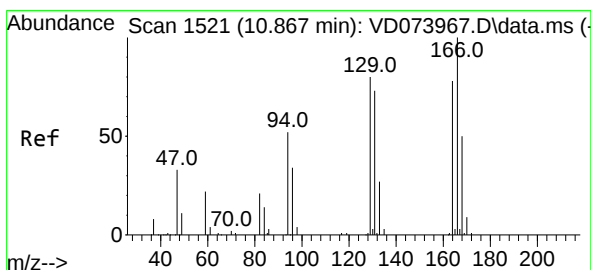
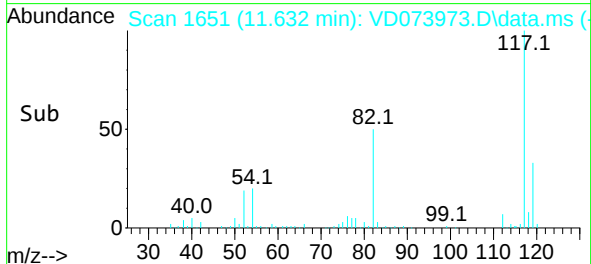
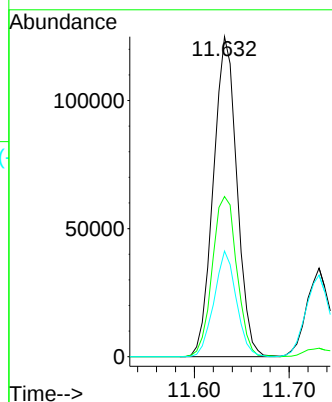
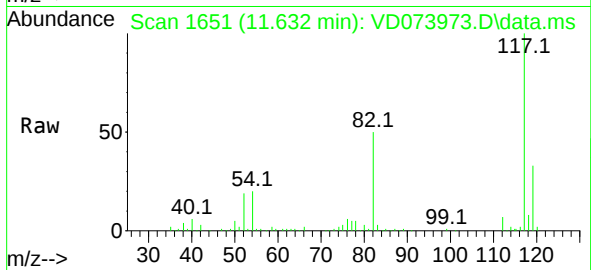




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

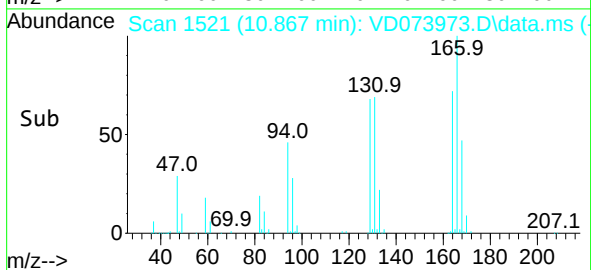
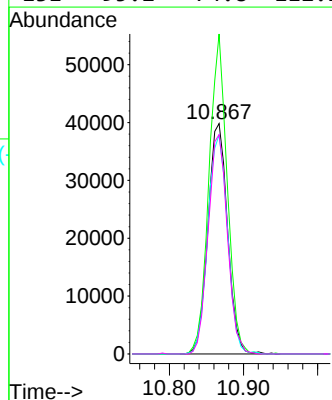
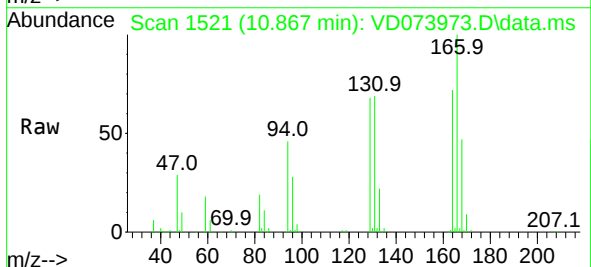
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

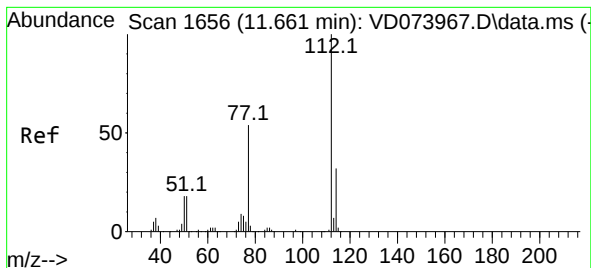
Tgt Ion:117 Resp: 215729
Ion Ratio Lower Upper
117 100
82 50.1 42.0 63.0
119 33.0 24.8 37.2



#64
Tetrachloroethene
Concen: 48.473 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion:164 Resp: 73358
Ion Ratio Lower Upper
164 100
166 138.9 102.7 154.1
129 94.9 82.0 123.0
131 95.2 74.8 112.2





#65

Chlorobenzene

Concen: 50.541 ug/l

RT: 11.655 min Scan# 1655

Delta R.T. -0.006 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

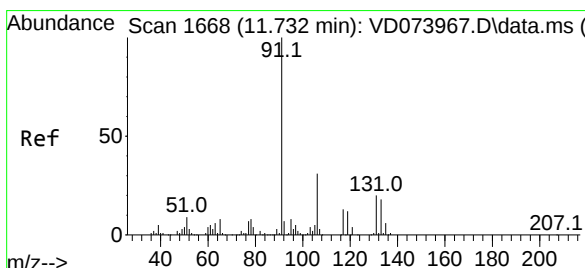
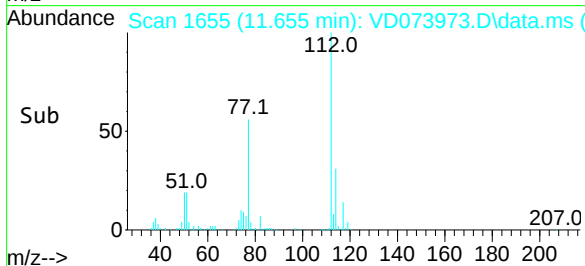
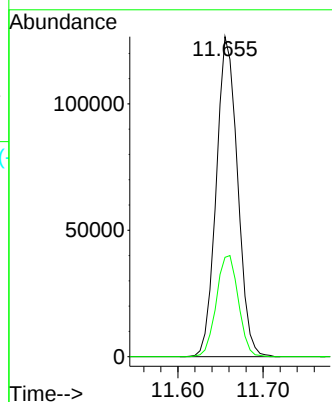
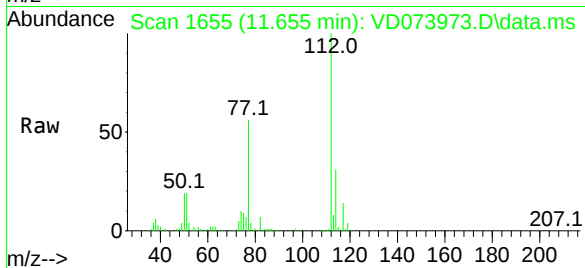
VSTDCCC050

Tgt Ion:112 Resp: 220248

Ion Ratio Lower Upper

112 100

114 31.1 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 54.185 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. 0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

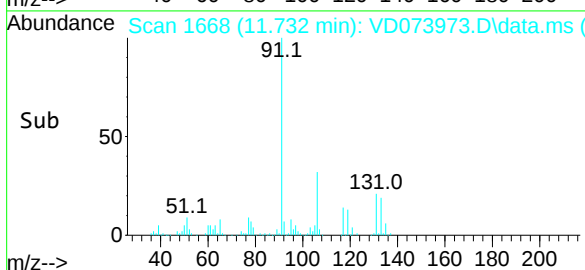
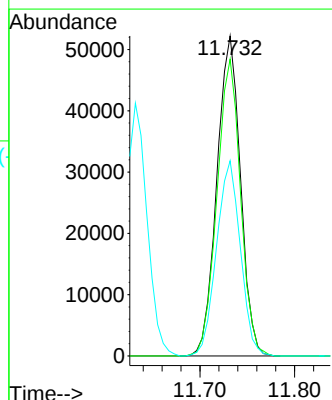
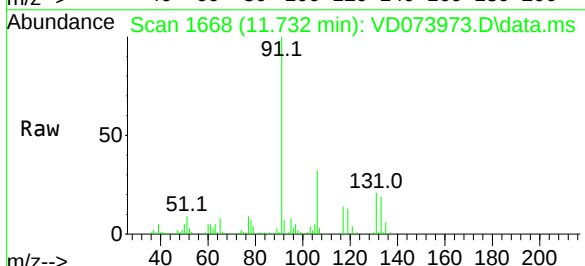
Tgt Ion:131 Resp: 90300

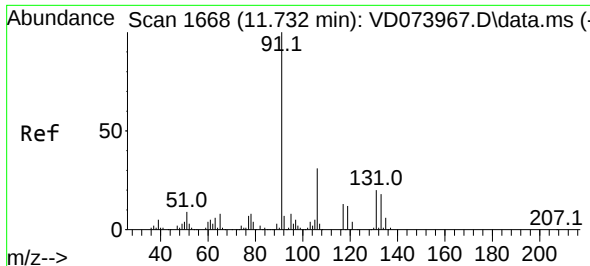
Ion Ratio Lower Upper

131 100

133 92.7 47.1 141.4

119 61.8 31.1 93.2

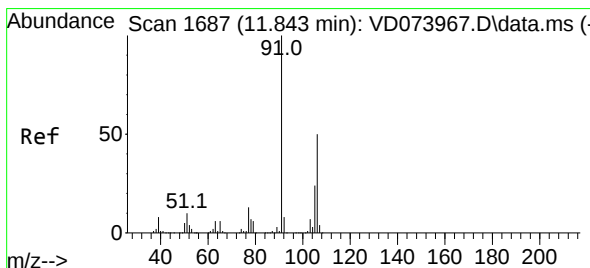
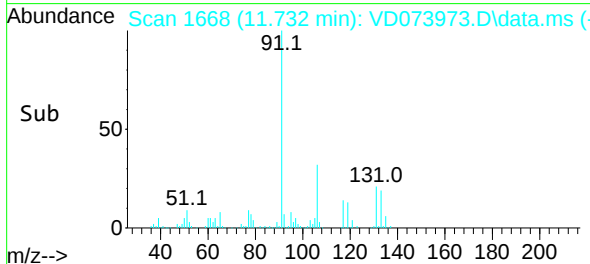
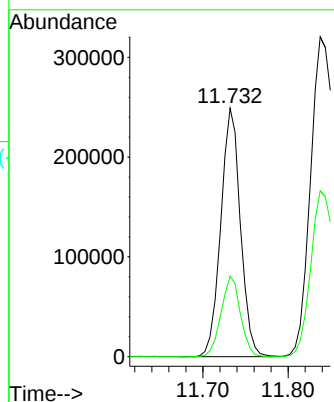
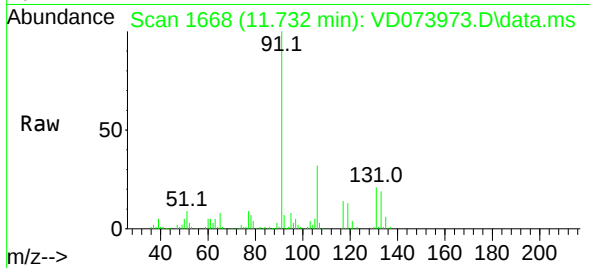




#67
Ethyl Benzene
Concen: 52.737 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

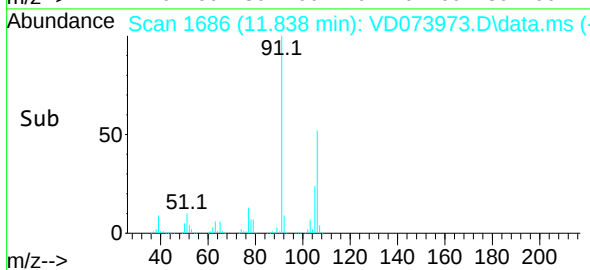
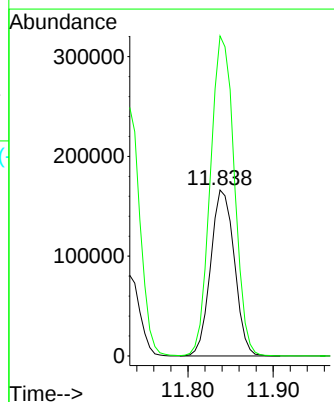
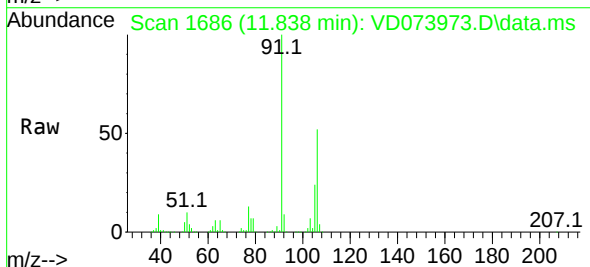
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

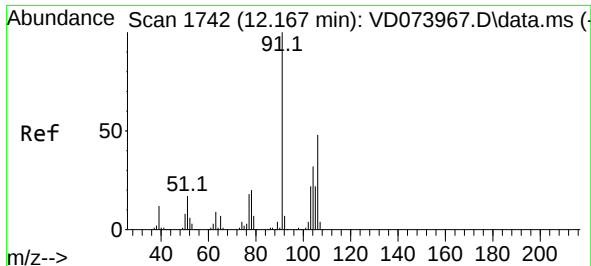
Tgt Ion: 91 Resp: 398900
Ion Ratio Lower Upper
91 100
106 32.4 25.0 37.4



#68
m/p-Xylenes
Concen: 105.048 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 106 Resp: 322078
Ion Ratio Lower Upper
106 100
91 194.5 159.7 239.5

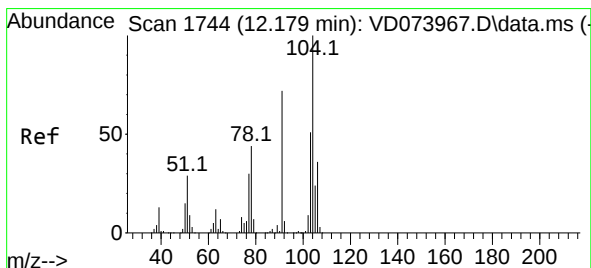
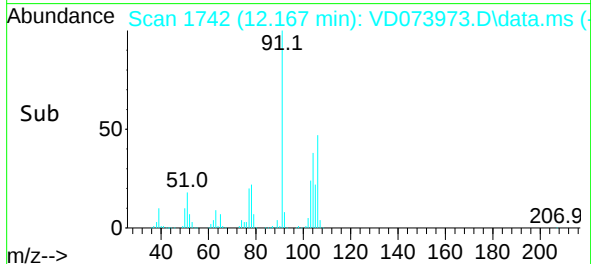
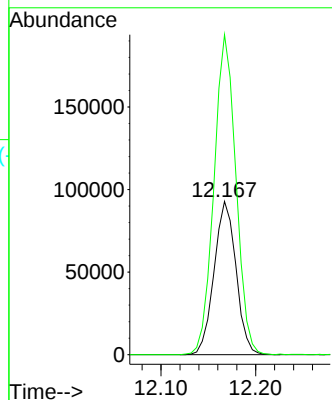
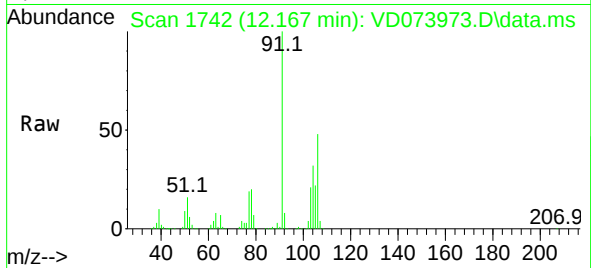




#69
o-Xylene
Concen: 53.014 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

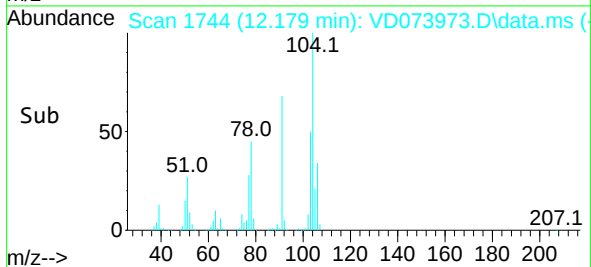
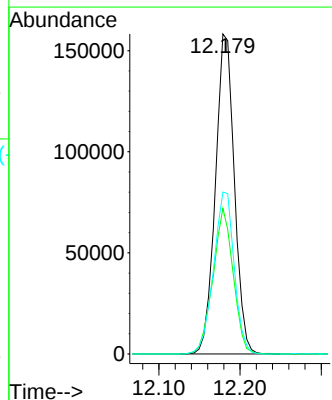
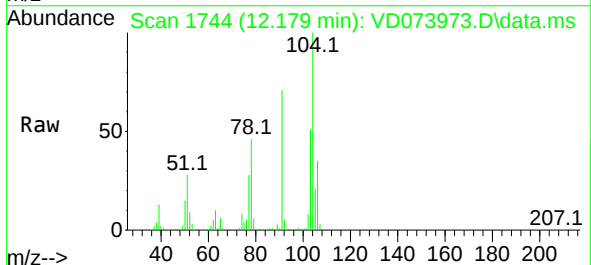
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

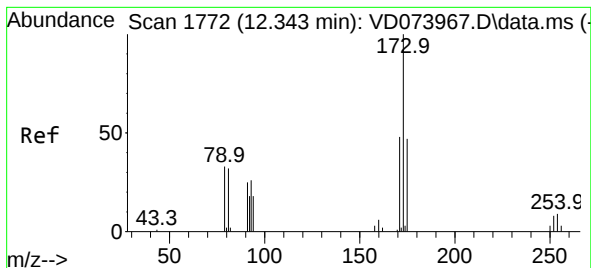
Tgt Ion:106 Resp: 149268
Ion Ratio Lower Upper
106 100
91 209.2 103.5 310.3



#70
Styrene
Concen: 53.472 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion:104 Resp: 257231
Ion Ratio Lower Upper
104 100
78 48.4 38.4 57.6
103 55.0 43.6 65.4





#71

Bromoform

Concen: 53.711 ug/l

RT: 12.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

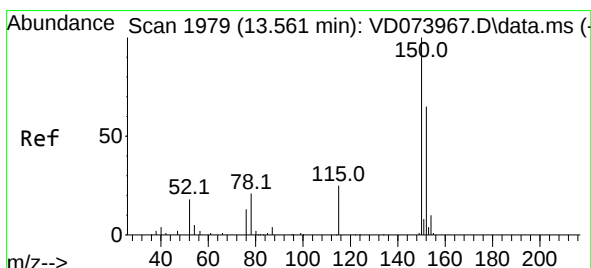
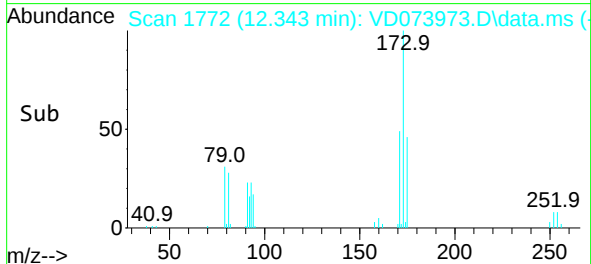
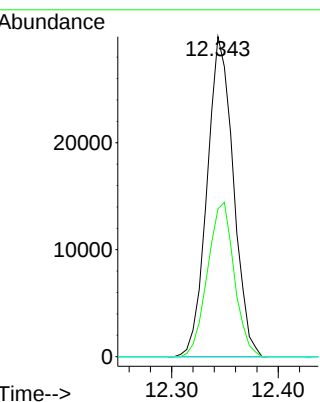
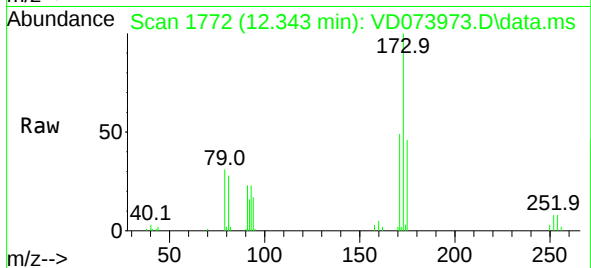
Tgt Ion:173 Resp: 51151

Ion Ratio Lower Upper

173 100

175 49.0 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

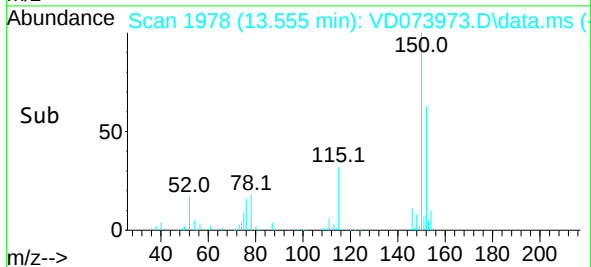
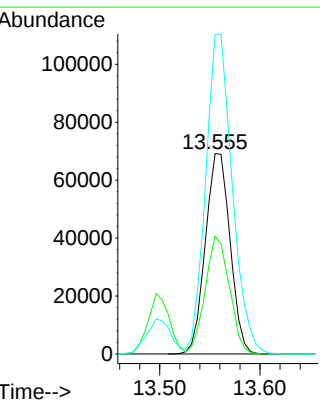
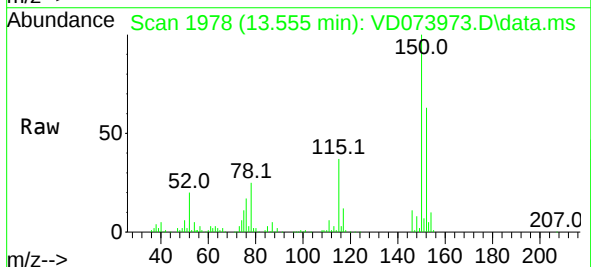
Tgt Ion:152 Resp: 118476

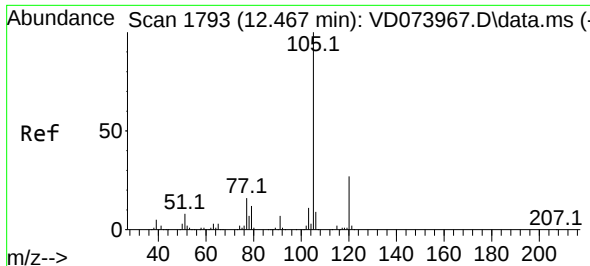
Ion Ratio Lower Upper

152 100

115 57.4 30.4 91.3

150 172.0 0.0 357.2

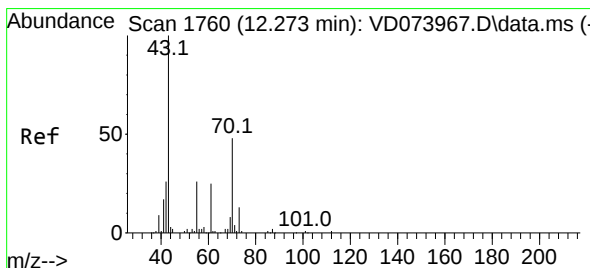
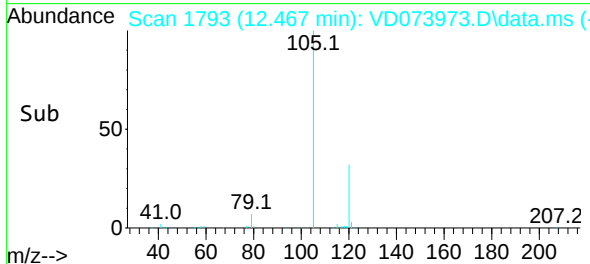
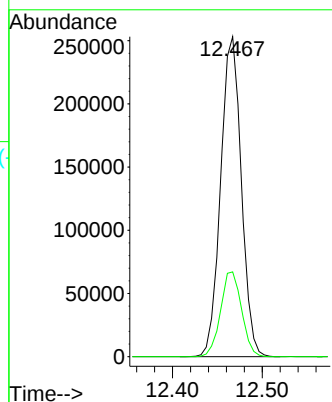
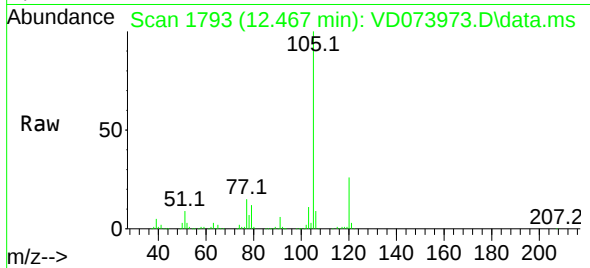




#73
Isopropylbenzene
Concen: 49.885 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

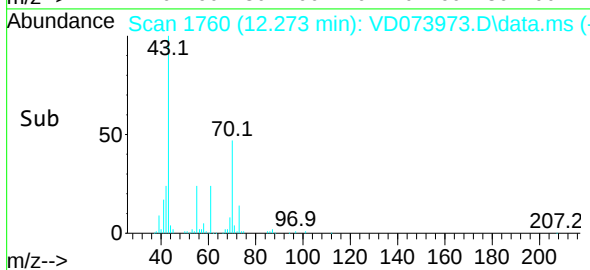
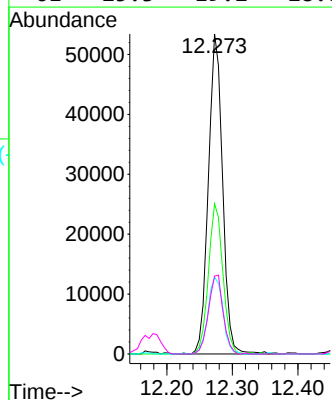
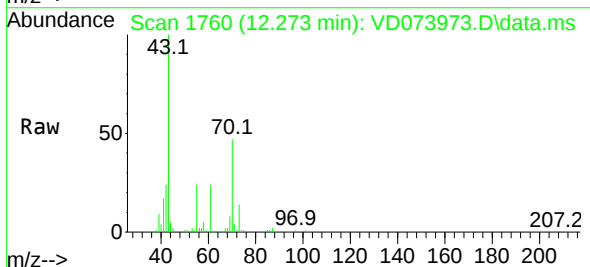
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

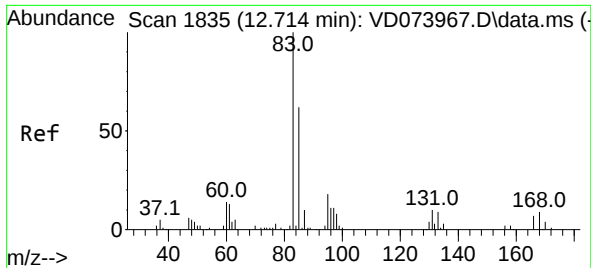
Tgt Ion:105 Resp: 404325
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2



#74
N-ethyl acetate
Concen: 50.225 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 43 Resp: 80760
Ion Ratio Lower Upper
43 100
70 47.5 36.6 54.8
55 25.3 19.8 29.8
61 25.3 19.2 28.8

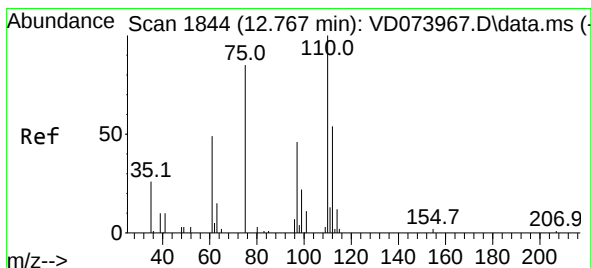
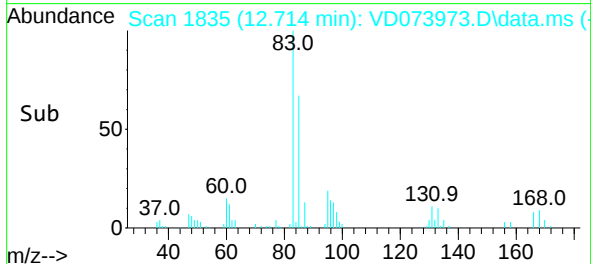
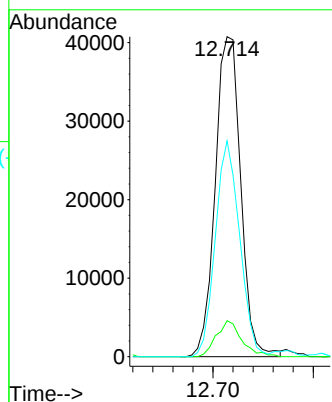
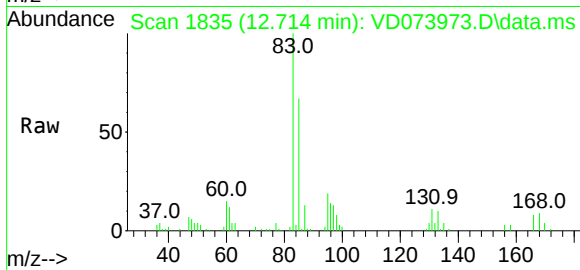




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.974 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. 0.000 min
 Lab File: VD073973.D
 Acq: 08 Aug 2022 14:40

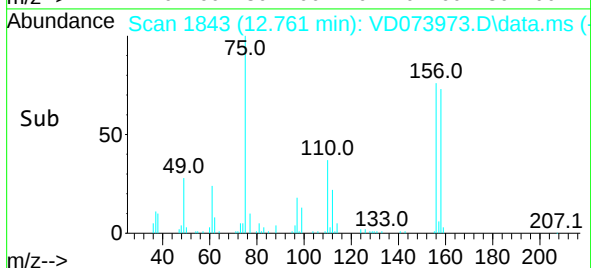
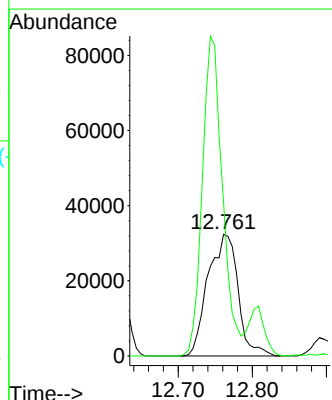
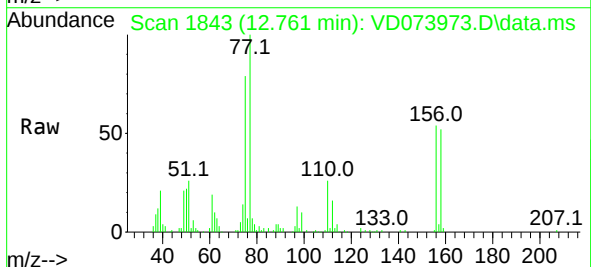
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

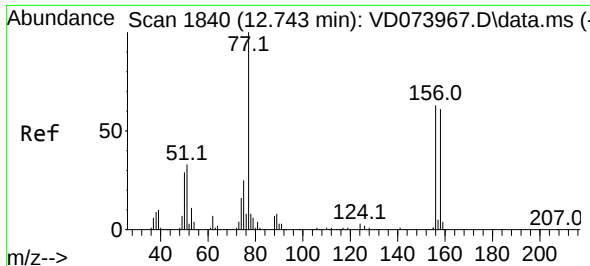
Tgt Ion: 83 Resp: 71970
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.5 16.5
 85 64.3 31.3 93.8



#76
 1,2,3-Trichloropropane
 Concen: 83.373 ug/l
 RT: 12.761 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: VD073973.D
 Acq: 08 Aug 2022 14:40

Tgt Ion: 75 Resp: 91022
 Ion Ratio Lower Upper
 75 100
 77 176.6 0.0 0.0#

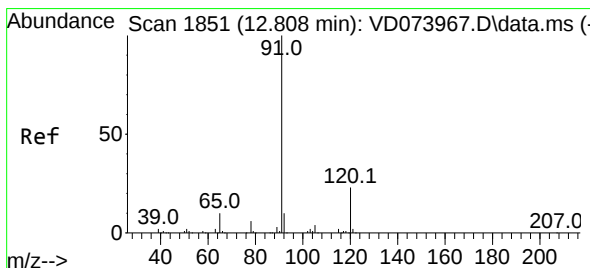
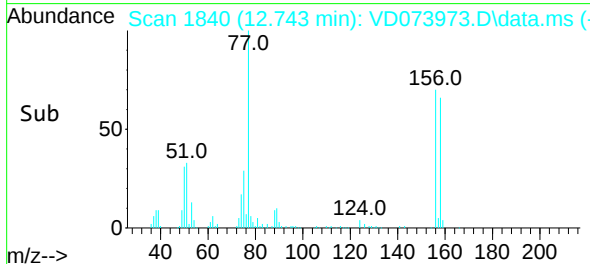
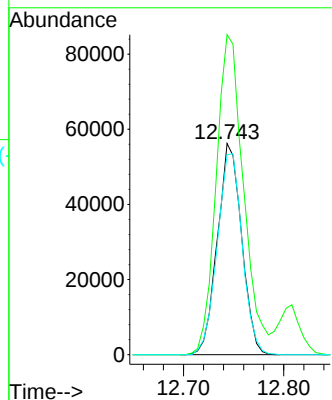
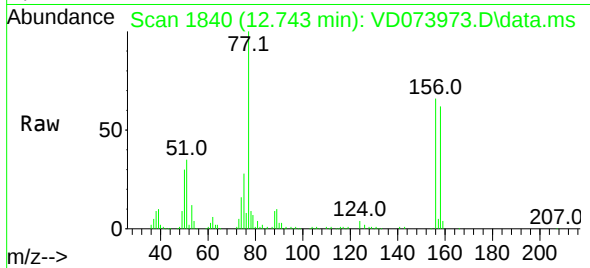




#77
Bromobenzene
Concen: 49.359 ug/l
RT: 12.743 min Scan# 1840
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

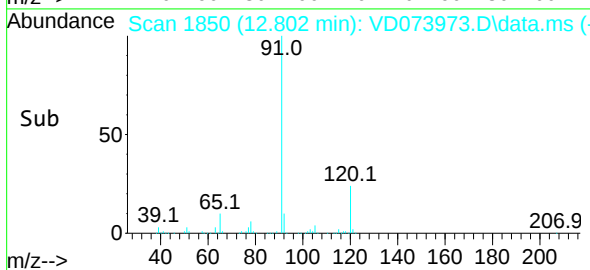
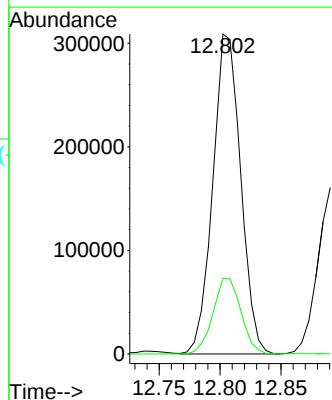
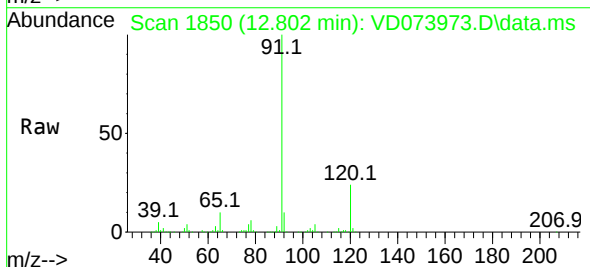
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

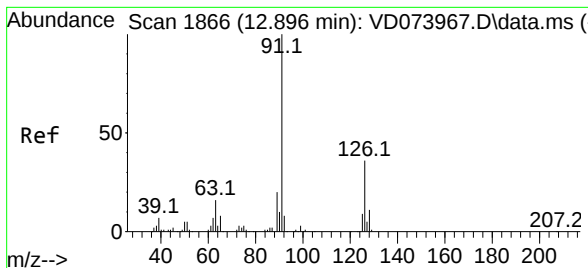
Tgt Ion:156 Resp: 94240
Ion Ratio Lower Upper
156 100
77 170.6 84.3 252.9
158 98.4 47.8 143.4



#78
n-propylbenzene
Concen: 49.280 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 91 Resp: 491585
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.7





#79

2-Chlorotoluene

Concen: 49.146 ug/l

RT: 12.890 min Scan# 1866

Delta R.T. -0.006 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

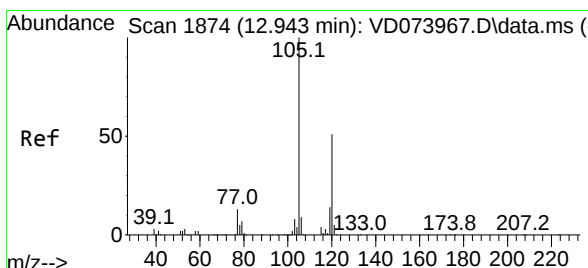
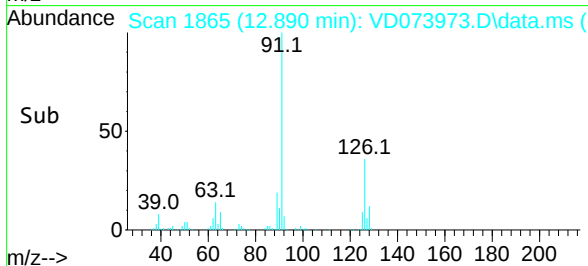
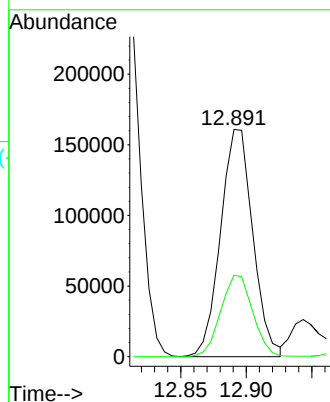
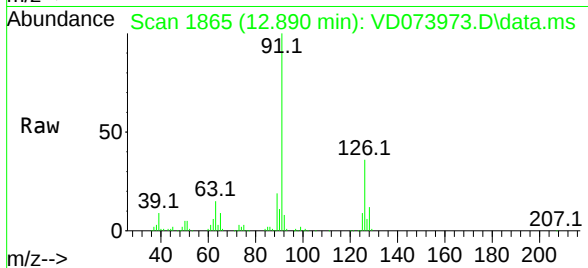
VSTDCCC050

Tgt Ion: 91 Resp: 275771

Ion Ratio Lower Upper

91 100

126 35.5 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 50.053 ug/l

RT: 12.943 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VD073973.D

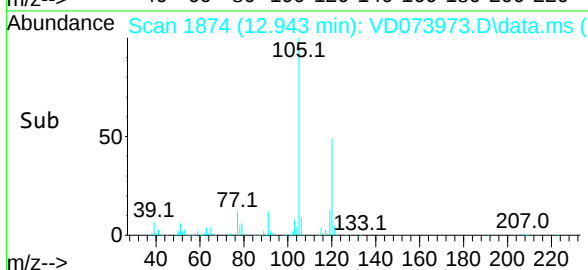
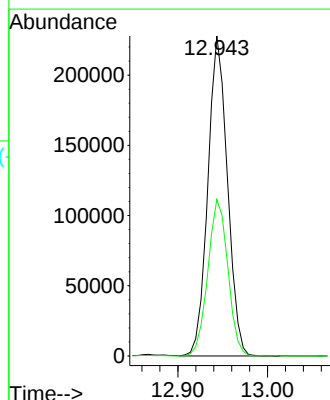
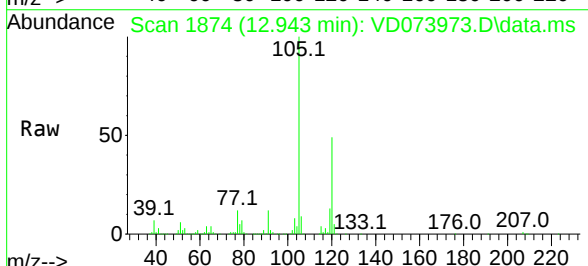
Acq: 08 Aug 2022 14:40

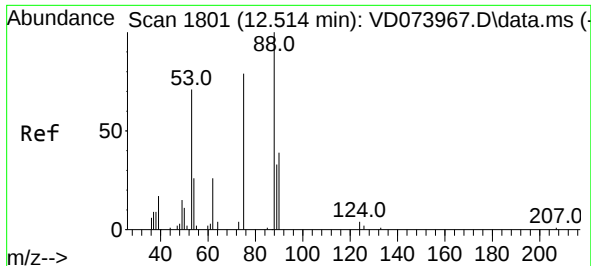
Tgt Ion:105 Resp: 345004

Ion Ratio Lower Upper

105 100

120 50.0 25.2 75.6

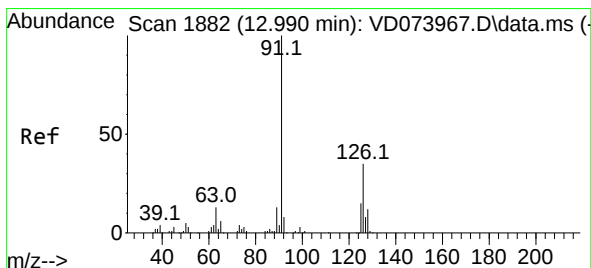
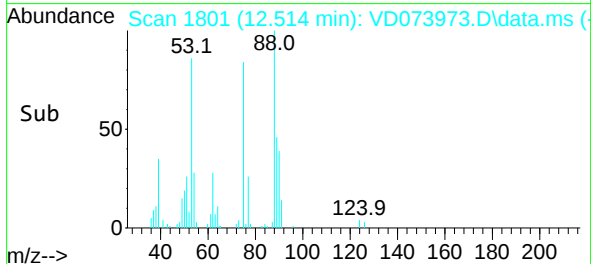
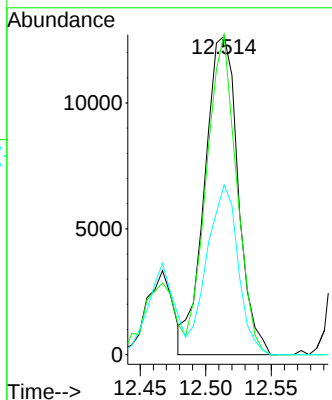
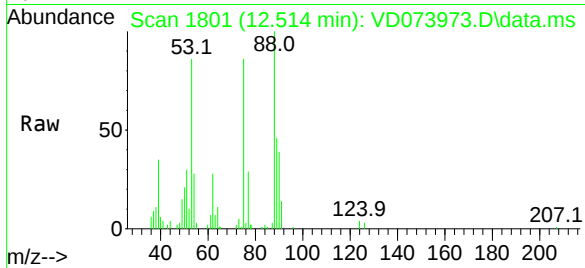




#81
trans-1,4-Dichloro-2-butene
Concen: 51.479 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

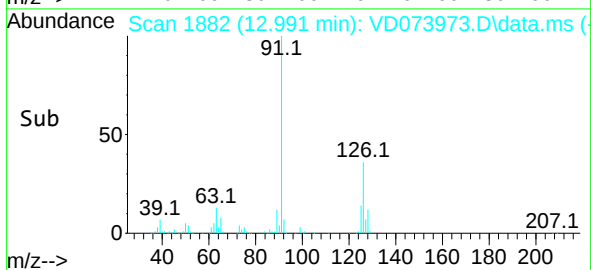
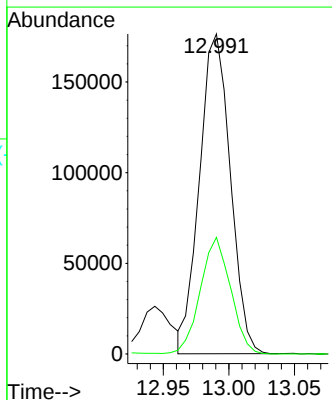
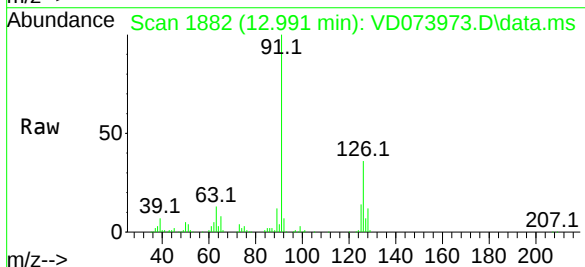
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

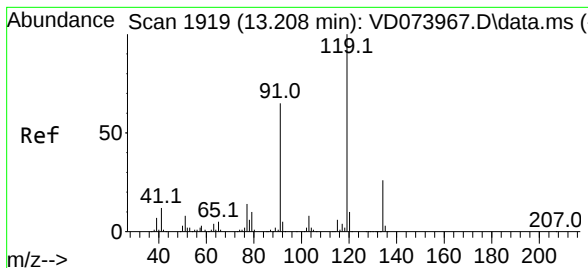
Tgt Ion: 75 Resp: 22386
Ion Ratio Lower Upper
75 100
53 90.4 75.8 113.6
89 49.5 37.8 56.8



#82
4-Chlorotoluene
Concen: 48.239 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion: 91 Resp: 288396
Ion Ratio Lower Upper
91 100
126 35.8 17.4 52.3

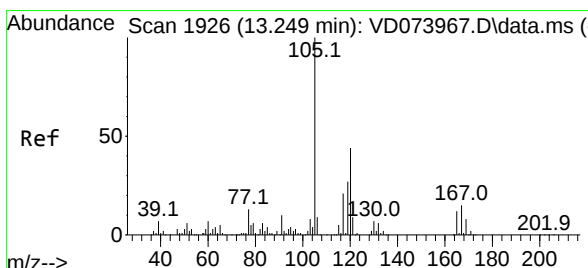
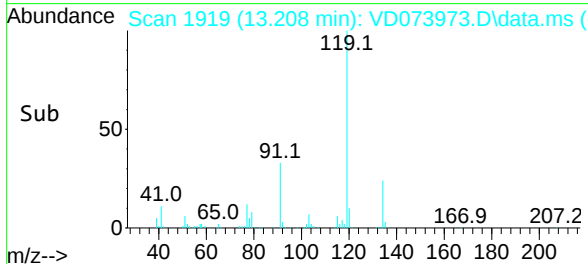
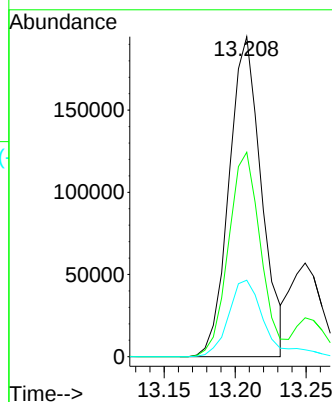
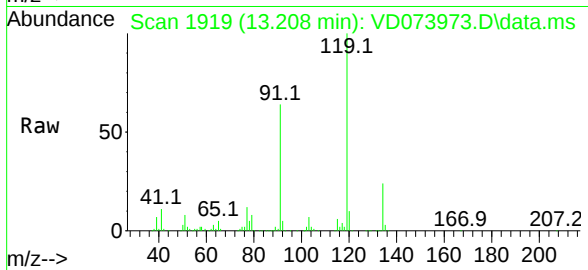




#83
tert-Butylbenzene
Concen: 52.217 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

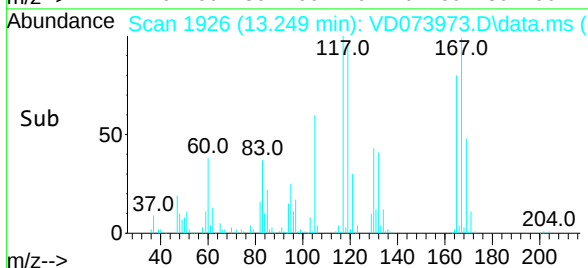
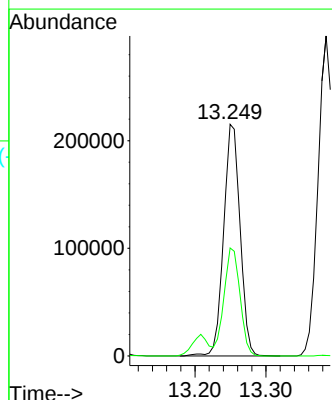
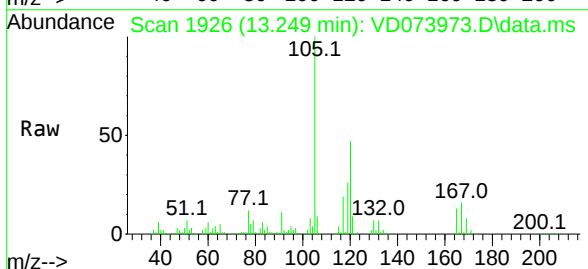
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

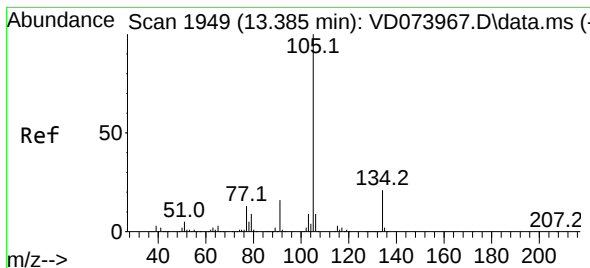
Tgt Ion:119 Resp: 308775
Ion Ratio Lower Upper
119 100
91 64.2 32.9 98.7
134 26.6 12.7 38.1



#84
1,2,4-Trimethylbenzene
Concen: 50.058 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VD073973.D
Acq: 08 Aug 2022 14:40

Tgt Ion:105 Resp: 345302
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.0





#85

sec-Butylbenzene

Concen: 50.794 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

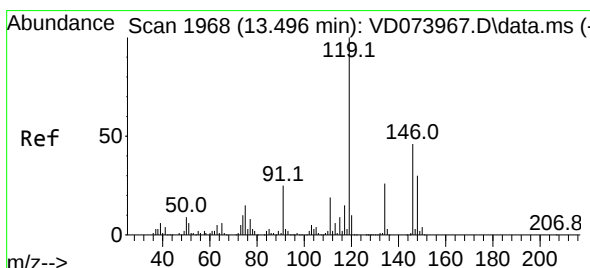
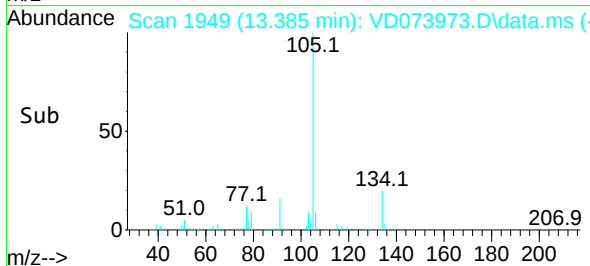
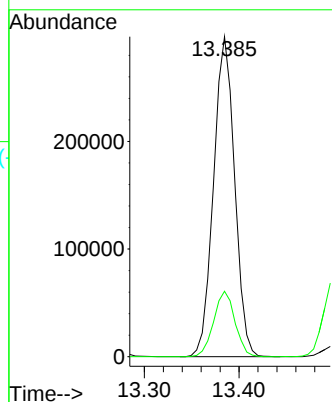
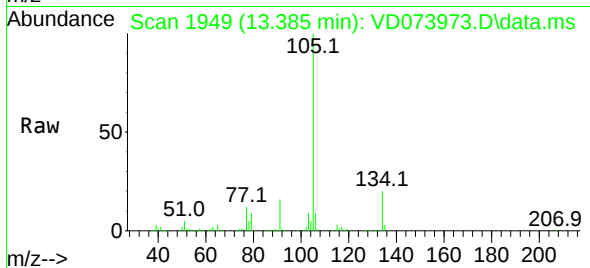
VSTDCCC050

Tgt Ion:105 Resp: 459313

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 50.104 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

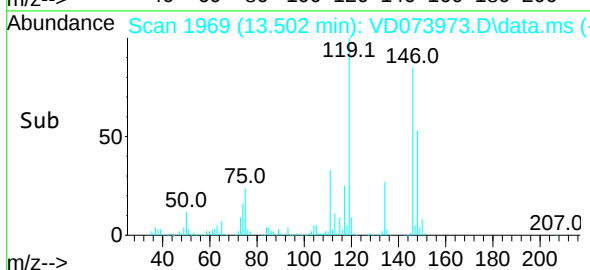
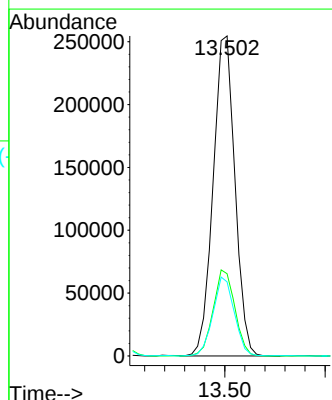
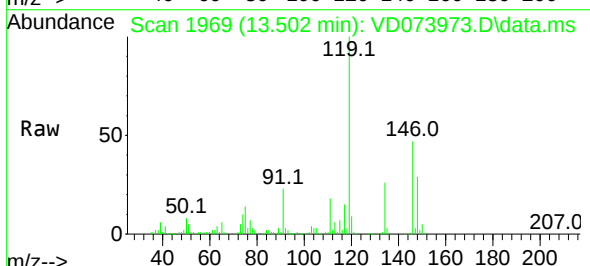
Tgt Ion:119 Resp: 384229

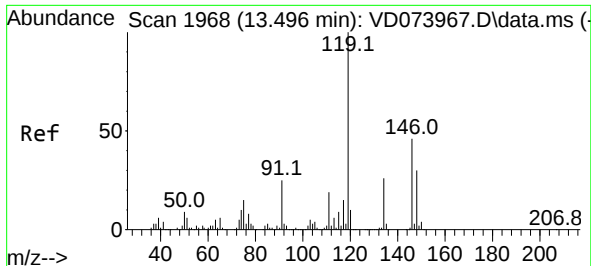
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 24.1 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 50.411 ug/l

RT: 13.496 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

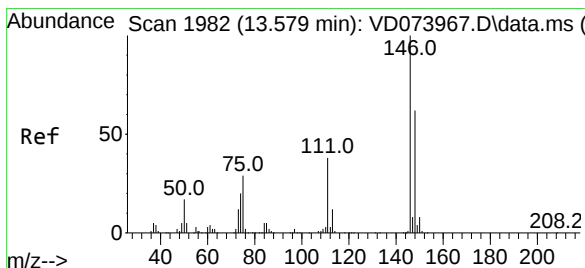
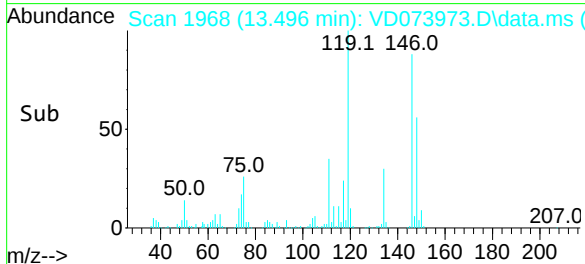
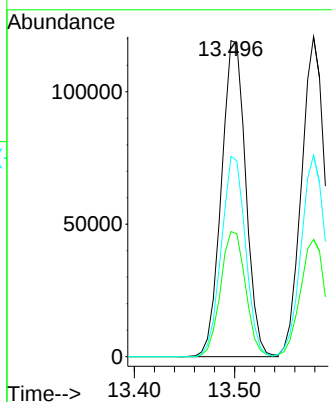
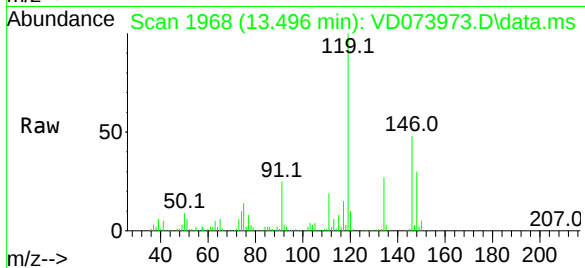
Tgt Ion:146 Resp: 201510

Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.5

148 62.7 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 48.879 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

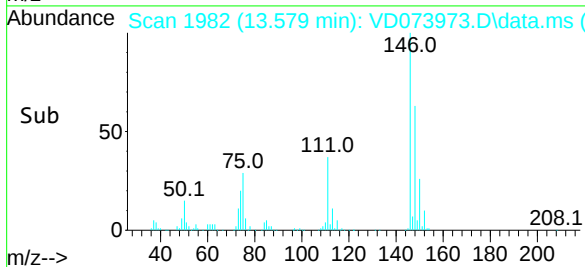
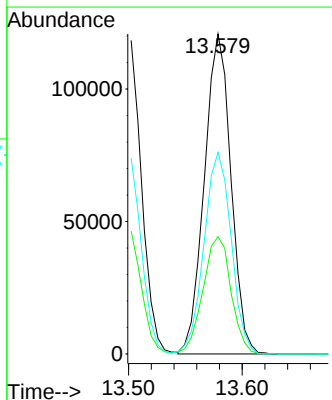
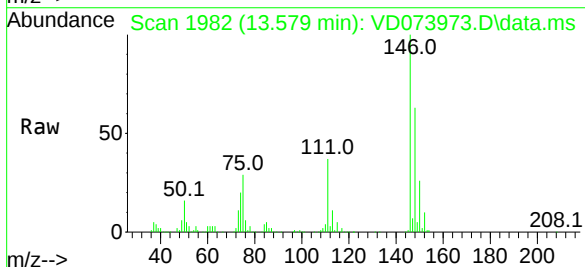
Tgt Ion:146 Resp: 196198

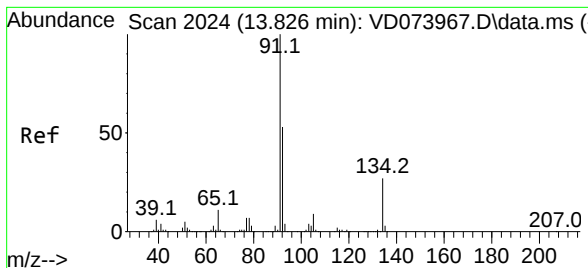
Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.7

148 64.6 31.4 94.3





#89

n-Butylbenzene

Concen: 50.753 ug/l

RT: 13.826 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

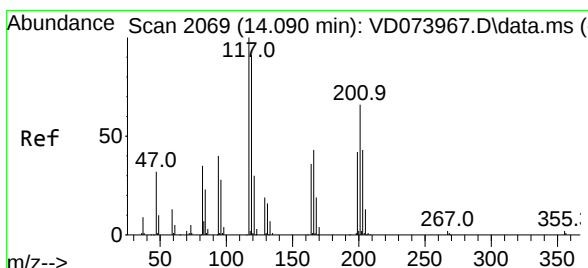
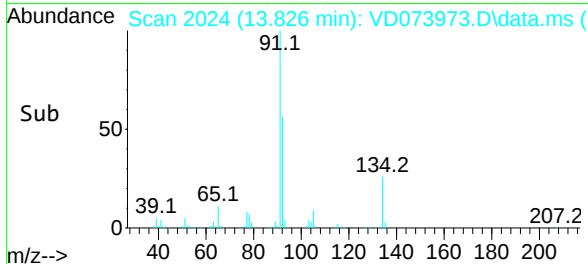
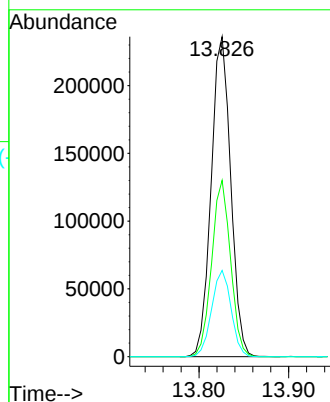
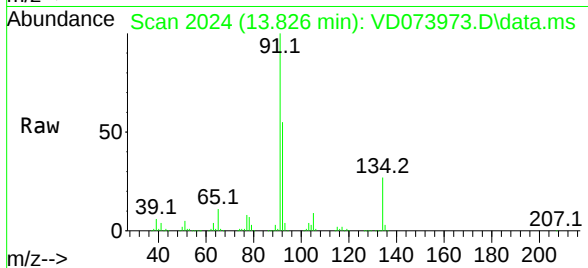
Tgt Ion: 91 Resp: 357320

Ion Ratio Lower Upper

91 100

92 53.2 26.3 78.8

134 26.8 13.3 39.8



#90

Hexachloroethane

Concen: 49.316 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VD073973.D

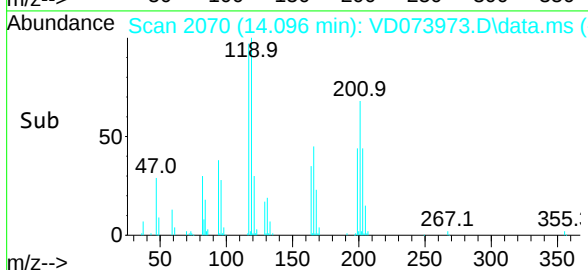
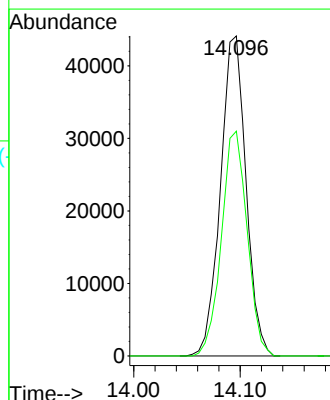
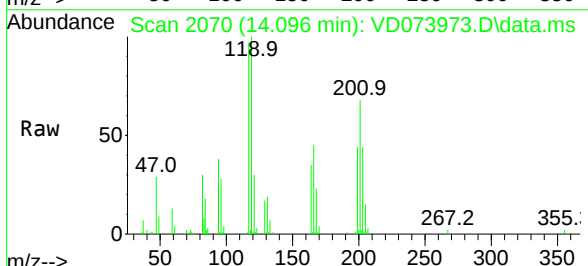
Acq: 08 Aug 2022 14:40

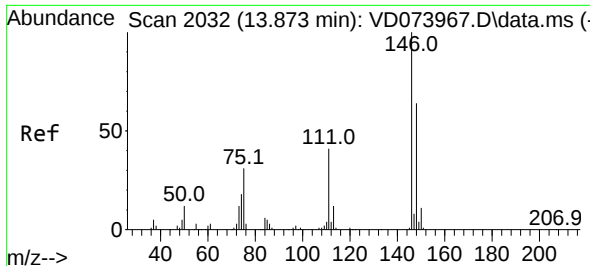
Tgt Ion: 117 Resp: 73421

Ion Ratio Lower Upper

117 100

201 70.6 34.1 102.3





#91

1,2-Dichlorobenzene

Concen: 51.067 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

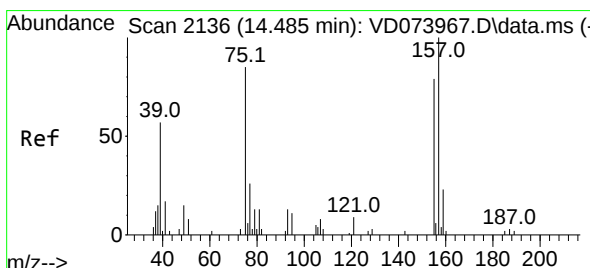
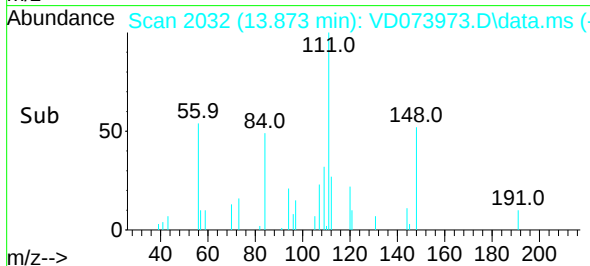
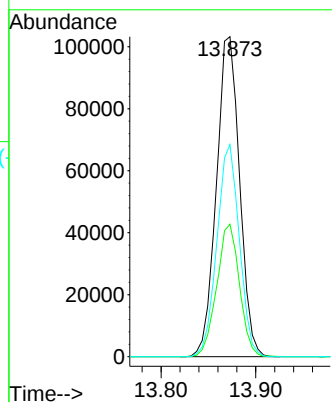
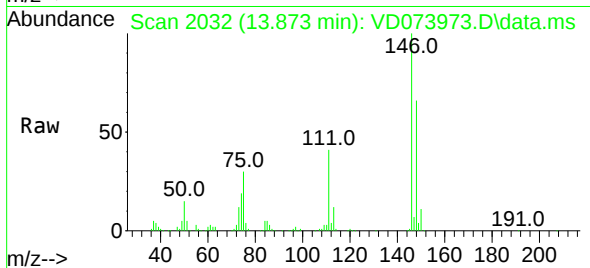
Tgt Ion:146 Resp: 175908

Ion Ratio Lower Upper

146 100

111 40.5 20.8 62.5

148 64.0 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.552 ug/l

RT: 14.485 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

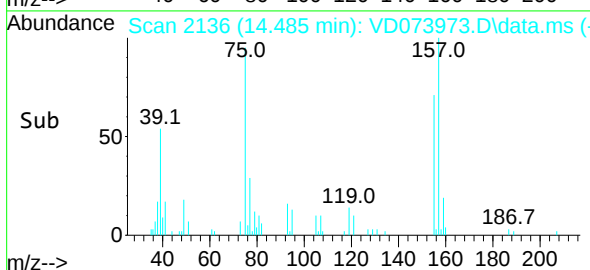
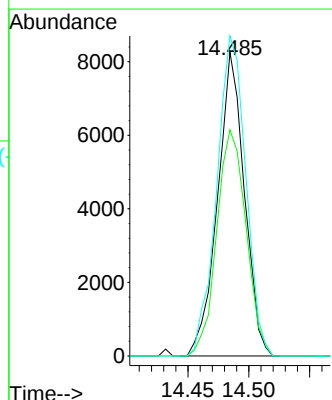
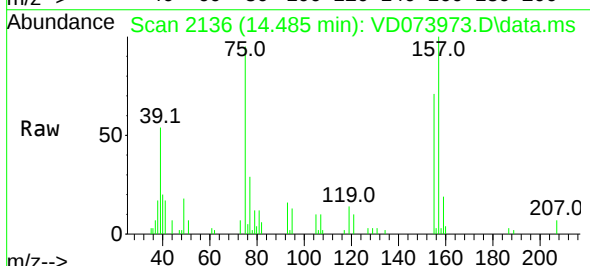
Tgt Ion: 75 Resp: 12658

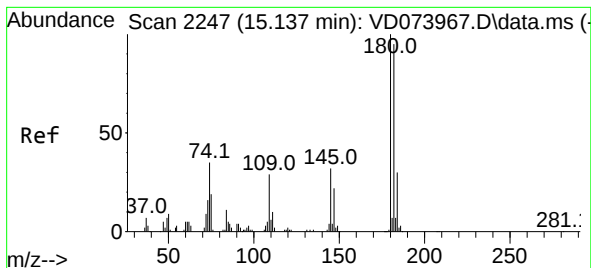
Ion Ratio Lower Upper

75 100

155 81.2 47.0 141.0

157 114.0 59.1 177.2





#93

1,2,4-Trichlorobenzene

Concen: 52.618 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

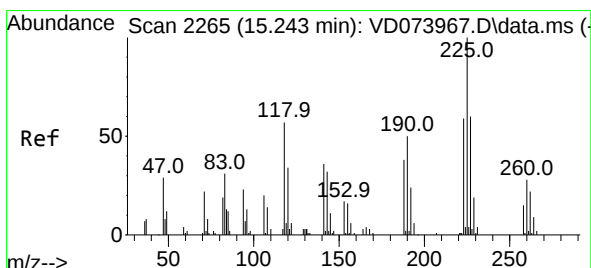
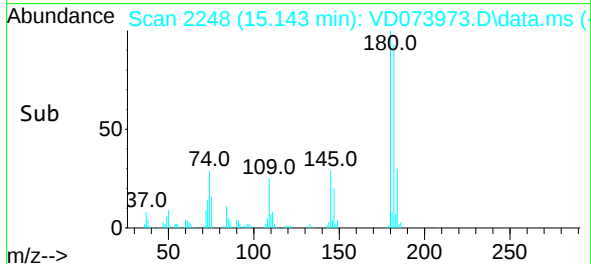
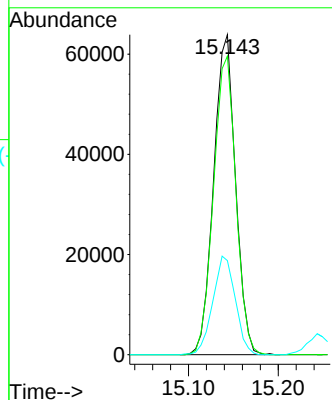
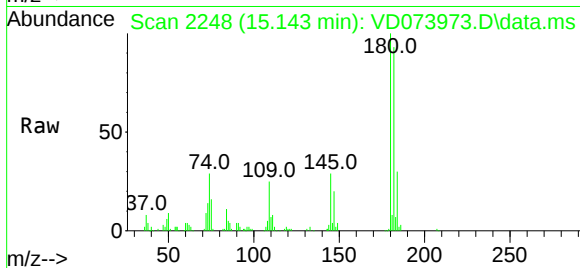
Tgt Ion:180 Resp: 108016

Ion Ratio Lower Upper

180 100

182 95.7 48.8 146.4

145 31.7 16.0 48.0



#94

Hexachlorobutadiene

Concen: 51.978 ug/l

RT: 15.243 min Scan# 2265

Delta R.T. 0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

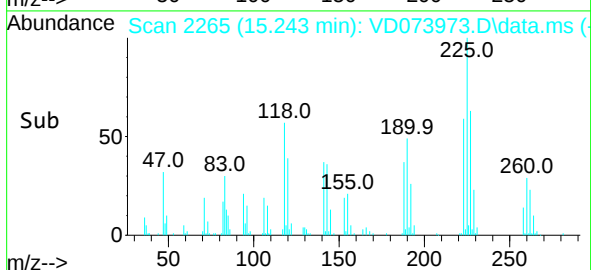
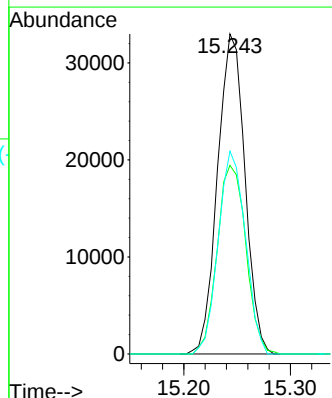
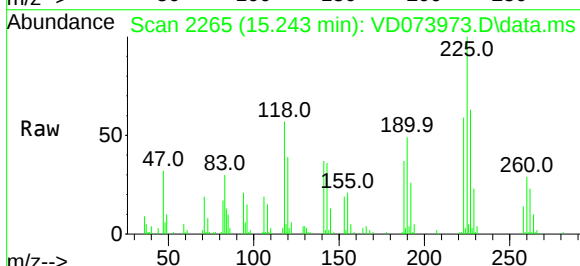
Tgt Ion:225 Resp: 58840

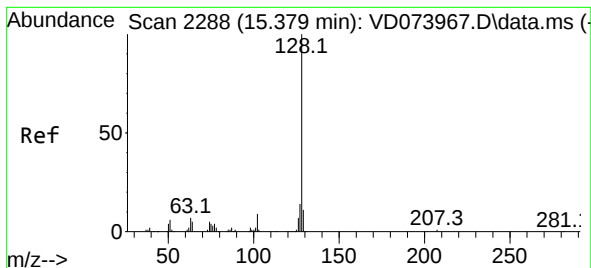
Ion Ratio Lower Upper

225 100

223 61.8 30.8 92.3

227 62.8 31.6 94.7





#95

Naphthalene

Concen: 54.184 ug/l

RT: 15.379 min Scan# 2288

Delta R.T. 0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

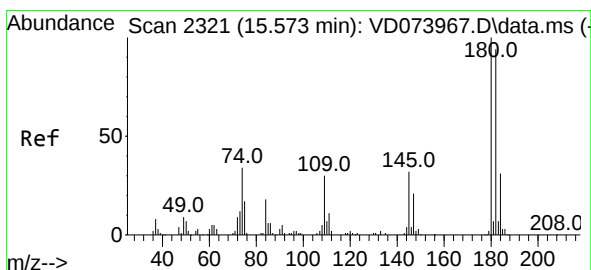
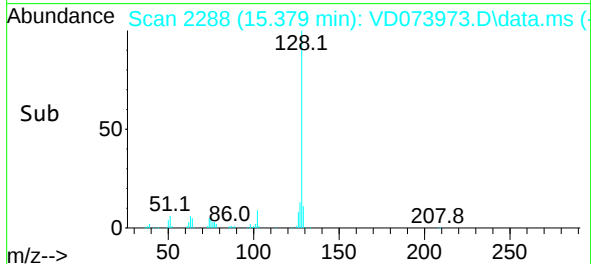
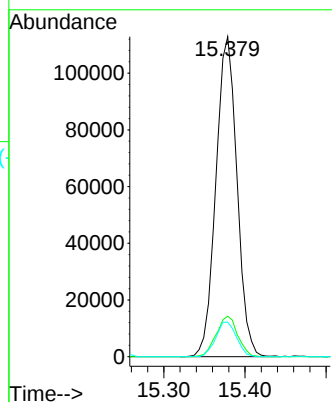
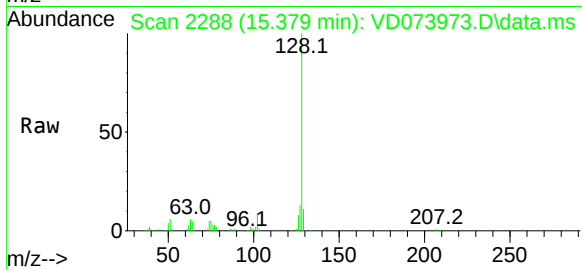
Tgt Ion:128 Resp: 203672

Ion Ratio Lower Upper

128 100

127 12.9 10.9 16.3

129 10.7 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 49.777 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. 0.000 min

Lab File: VD073973.D

Acq: 08 Aug 2022 14:40

Tgt Ion:180 Resp: 92161

Ion Ratio Lower Upper

180 100

182 97.8 48.9 146.6

145 35.4 16.9 50.6

