

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073831.D
 Acq On : 12 Jul 2022 10:22
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 13 04:29:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	114852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	218395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	197596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	90347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	64604	41.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.000%
35) Dibromofluoromethane	7.909	113	67879	46.983	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.960%
50) Toluene-d8	10.332	98	207647	41.217	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	82.440%
62) 4-Bromofluorobenzene	12.620	95	101451	47.527	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	95.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	25891	39.748	ug/l	100
3) Chloromethane	2.209	50	33034	48.063	ug/l	98
4) Vinyl Chloride	2.344	62	43267	47.735	ug/l	96
5) Bromomethane	2.756	94	33414	50.196	ug/l	86
6) Chloroethane	2.915	64	37452	45.134	ug/l	92
7) Trichlorofluoromethane	3.262	101	74350	45.542	ug/l	91
8) Diethyl Ether	3.703	74	24891	48.386	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	47788	47.449	ug/l	98
10) Methyl Iodide	4.291	142	33666	51.515	ug/l	100
11) Tert butyl alcohol	5.215	59	40005	117.769	ug/l #	100
12) 1,1-Dichloroethene	4.056	96	34102	44.160	ug/l	98
13) Acrolein	3.915	56	12179	255.704	ug/l	99
14) Allyl chloride	4.703	41	72358	48.598	ug/l	97
15) Acrylonitrile	5.409	53	71995	244.087	ug/l	100
16) Acetone	4.156	43	69326	263.041	ug/l	93
17) Carbon Disulfide	4.397	76	43521	45.133	ug/l #	89
18) Methyl Acetate	4.709	43	30950	47.119	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	148965	50.016	ug/l	100
20) Methylene Chloride	4.962	84	57248	50.170	ug/l	94
21) trans-1,2-Dichloroethene	5.462	96	40835	44.931	ug/l	94
22) Diisopropyl ether	6.356	45	202492	49.820	ug/l	98
23) Vinyl Acetate	6.297	43	564388	270.250	ug/l	96
24) 1,1-Dichloroethane	6.250	63	106271	47.859	ug/l	98
25) 2-Butanone	7.203	43	100314	253.006	ug/l	96
26) 2,2-Dichloropropane	7.197	77	101504	48.015	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	62968	48.268	ug/l	96
28) Bromochloromethane	7.538	49	42122	46.512	ug/l	95
29) Tetrahydrofuran	7.556	42	58325	246.975	ug/l	99
30) Chloroform	7.703	83	125042	50.100	ug/l	99
31) Cyclohexane	7.979	56	61093	50.062	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	103525	49.609	ug/l	99
36) 1,1-Dichloropropene	8.103	75	67371	46.088	ug/l	99
37) Ethyl Acetate	7.279	43	39458	44.099	ug/l #	96
38) Carbon Tetrachloride	8.085	117	81331	48.715	ug/l #	86
39) Methylcyclohexane	9.350	83	65566	43.332	ug/l	92
40) Benzene	8.338	78	201241	46.241	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073831.D
 Acq On : 12 Jul 2022 10:22
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 13 04:29:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	24746	42.215	ug/l #	78
42) 1,2-Dichloroethane	8.414	62	75850	48.936	ug/l	98
43) Isopropyl Acetate	8.444	43	88036	50.023	ug/l	99
44) Trichloroethene	9.103	130	54121	47.659	ug/l	94
45) 1,2-Dichloropropane	9.379	63	64760	50.288	ug/l	97
46) Dibromomethane	9.467	93	34689	49.500	ug/l	96
47) Bromodichloromethane	9.650	83	101847	51.385	ug/l	99
48) Methyl methacrylate	9.444	41	40880	51.138	ug/l	99
49) 1,4-Dioxane	9.456	88	9520	1062.723	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	237070	252.786	ug/l	100
52) Toluene	10.391	92	140859	48.200	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	92572	50.824	ug/l	94
54) cis-1,3-Dichloropropene	10.079	75	99907	49.615	ug/l	97
55) 1,1,2-Trichloroethane	10.791	97	52123	49.428	ug/l	94
56) Ethyl methacrylate	10.650	69	68414	53.623	ug/l	99
57) 1,3-Dichloropropane	10.932	76	88012	49.120	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	114580	225.459	ug/l	100
59) 2-Hexanone	10.973	43	164290	257.314	ug/l	99
60) Dibromochloromethane	11.132	129	66264	50.660	ug/l	98
61) 1,2-Dibromoethane	11.232	107	46879	49.490	ug/l	97
64) Tetrachloroethene	10.867	164	39066	45.914	ug/l	97
65) Chlorobenzene	11.661	112	164708	50.420	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	69533	53.607	ug/l	99
67) Ethyl Benzene	11.732	91	302970	49.709	ug/l	96
68) m/p-Xylenes	11.844	106	228522	102.237	ug/l	99
69) o-Xylene	12.167	106	113868	51.383	ug/l	97
70) Styrene	12.185	104	200886	52.353	ug/l	98
71) Bromoform	12.350	173	35728	53.104	ug/l #	97
73) Isopropylbenzene	12.467	105	314508	50.938	ug/l	99
74) N-amyl acetate	12.273	43	88401	52.179	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	67650	52.691	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	84375	86.326	ug/l	43
77) Bromobenzene	12.749	156	64989	50.227	ug/l	100
78) n-propylbenzene	12.808	91	391750	50.232	ug/l	99
79) 2-Chlorotoluene	12.897	91	222864	49.688	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	266948	51.861	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	19642	52.815	ug/l	95
82) 4-Chlorotoluene	12.991	91	237757	50.684	ug/l	99
83) tert-Butylbenzene	13.208	119	233423	51.460	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	263556	51.039	ug/l	99
85) sec-Butylbenzene	13.385	105	364054	51.621	ug/l	99
86) p-Isopropyltoluene	13.502	119	293198	51.629	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	137913	49.587	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	139717	51.300	ug/l	98
89) n-Butylbenzene	13.826	91	293116	51.437	ug/l	99
90) Hexachloroethane	14.096	117	57847	52.618	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	123973	50.614	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11418	53.044	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	72608	52.021	ug/l	100
94) Hexachlorobutadiene	15.249	225	33166	49.939	ug/l	99
95) Naphthalene	15.379	128	159905	52.478	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	62132	51.205	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
Data File : VD073831.D
Acq On : 12 Jul 2022 10:22
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

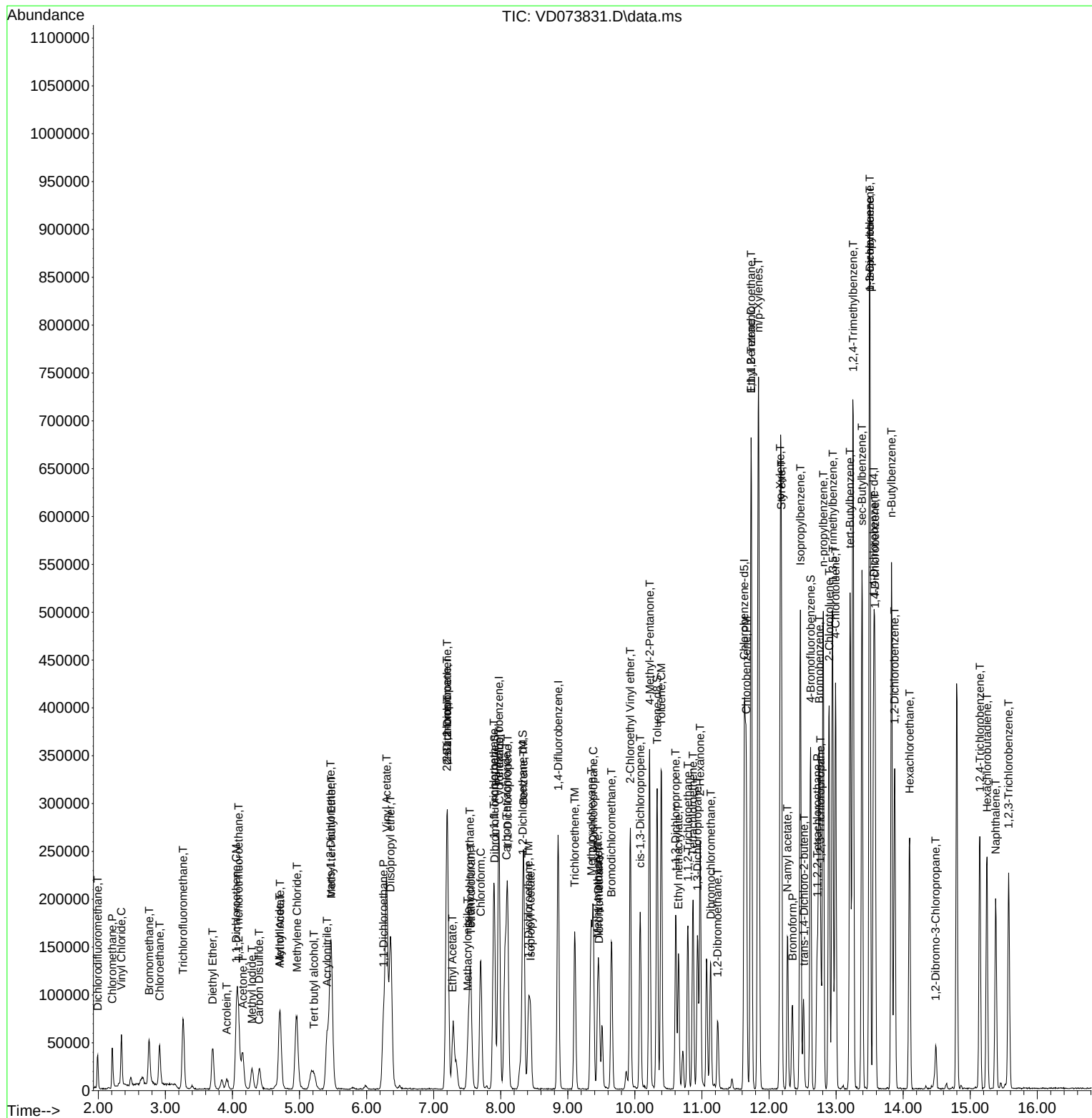
Quant Time: Jul 13 04:29:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 12 07:04:44 2022
Response via : Initial Calibration

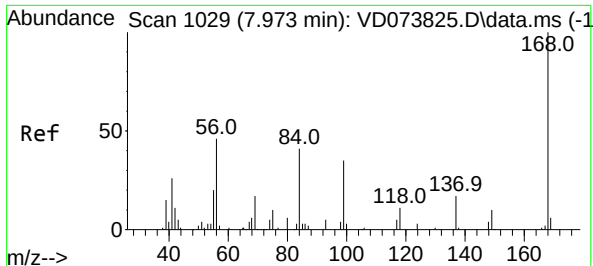
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Quant Time: Jul 13 04:29:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 12 07:04:44 2022
Response via : Initial Calibration

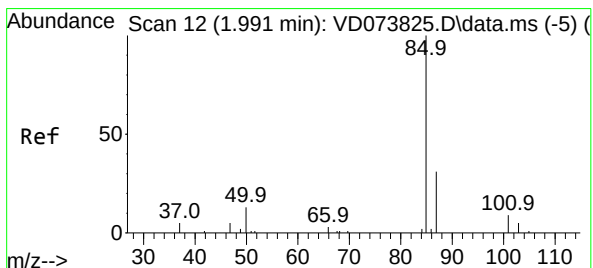
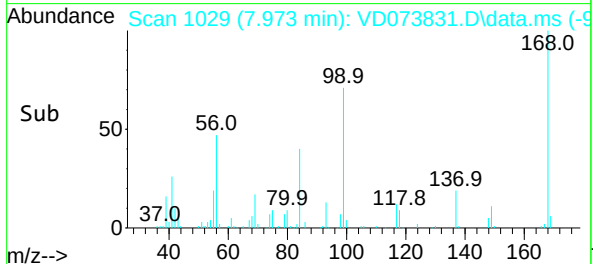
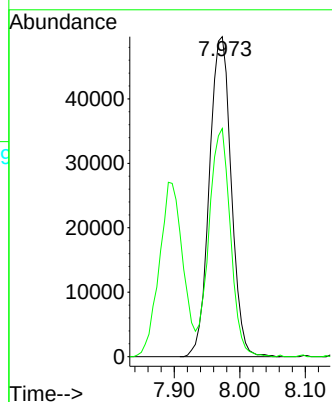
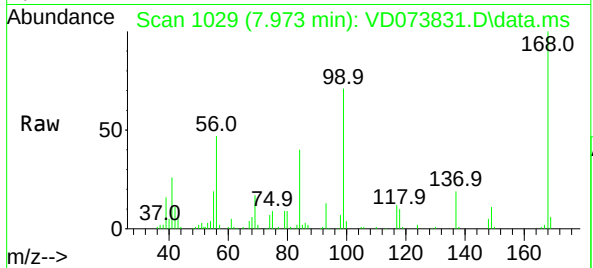




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

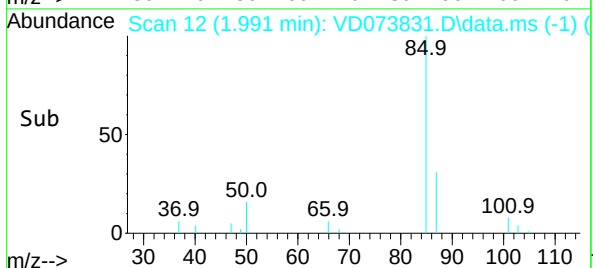
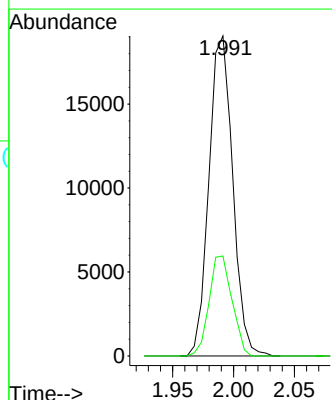
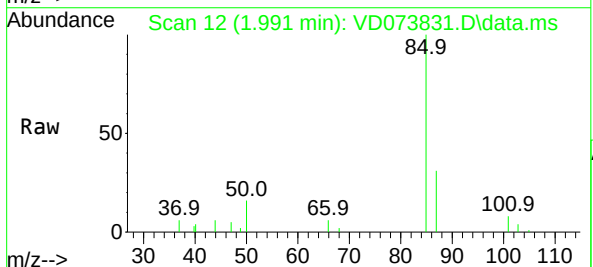
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

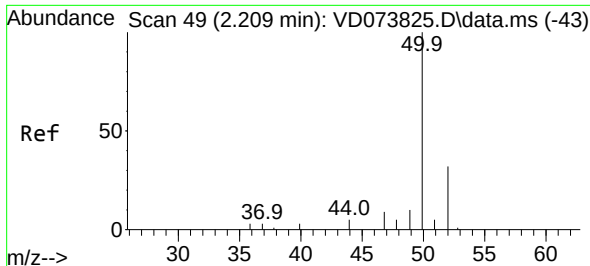
Tgt Ion:168 Resp: 114852
Ion Ratio Lower Upper
168 100
99 70.8 53.8 80.6



#2
Dichlorodifluoromethane
Concen: 39.748 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion: 85 Resp: 25891
Ion Ratio Lower Upper
85 100
87 31.2 15.6 46.7

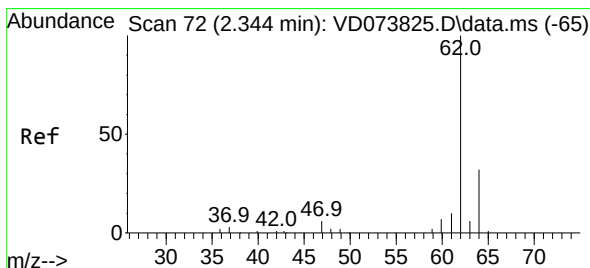
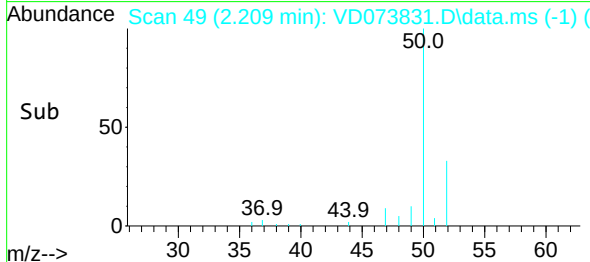
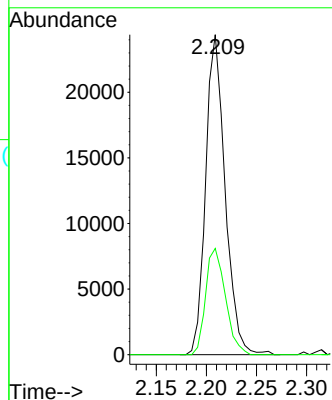
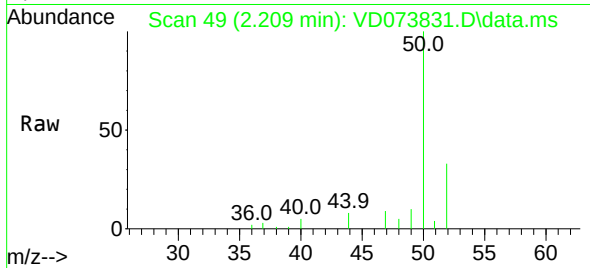




#3
Chloromethane
Concen: 48.063 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

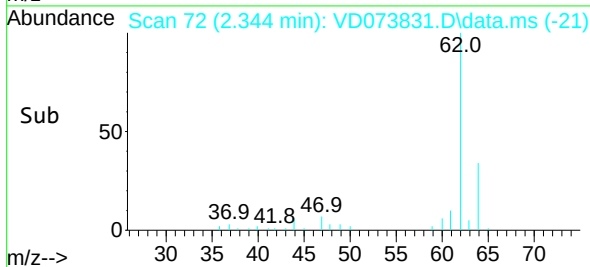
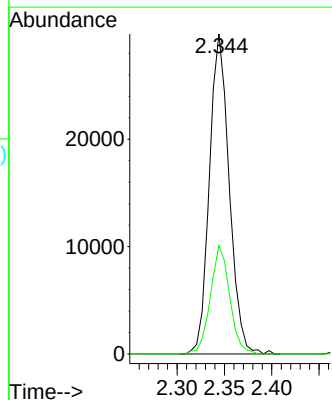
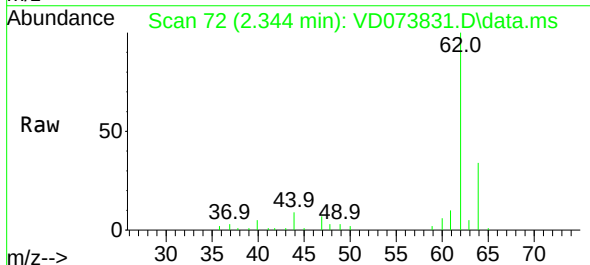
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

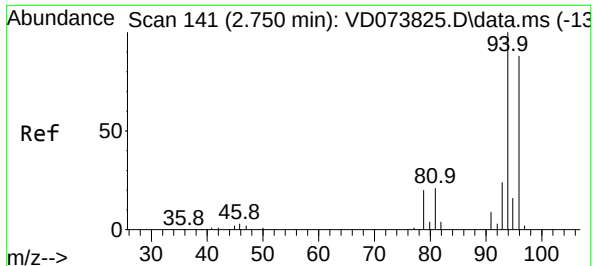
Tgt Ion: 50 Resp: 33034
Ion Ratio Lower Upper
50 100
52 33.2 25.5 38.3



#4
Vinyl Chloride
Concen: 47.735 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion: 62 Resp: 43267
Ion Ratio Lower Upper
62 100
64 33.8 25.4 38.0





#5

Bromomethane

Concen: 50.196 ug/l

RT: 2.756 min Scan# 141

Delta R.T. 0.006 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

Instrument :

MSVOA_D

ClientSampleId :

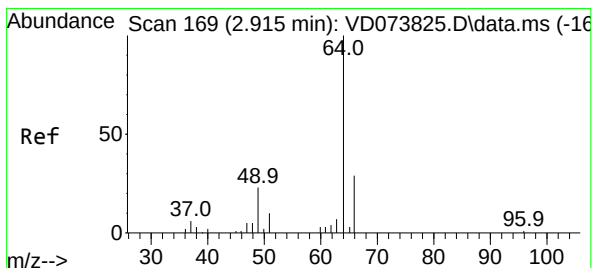
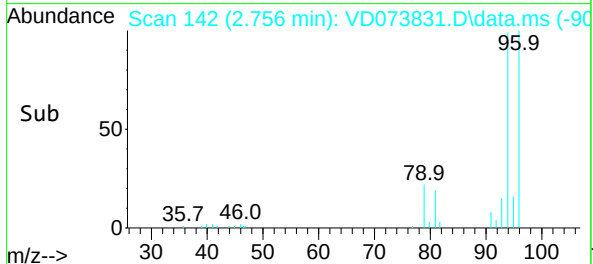
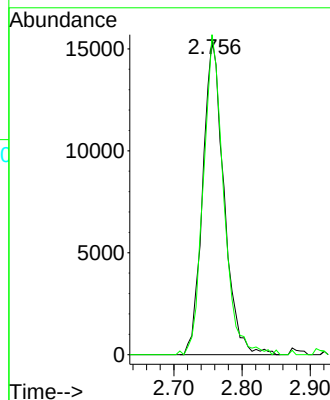
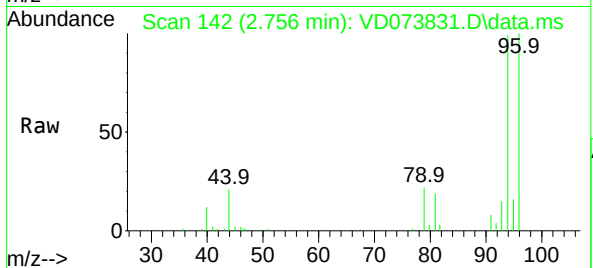
VSTDCCC050

Tgt Ion: 94 Resp: 33414

Ion Ratio Lower Upper

94 100

96 101.3 70.3 105.5



#6

Chloroethane

Concen: 45.134 ug/l

RT: 2.915 min Scan# 169

Delta R.T. -0.000 min

Lab File: VD073831.D

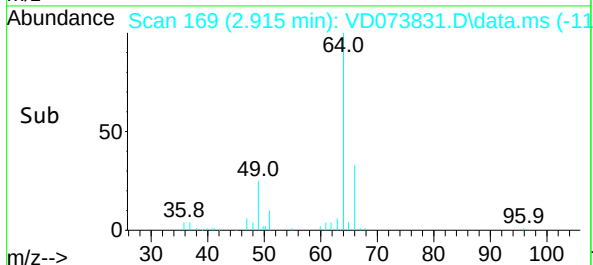
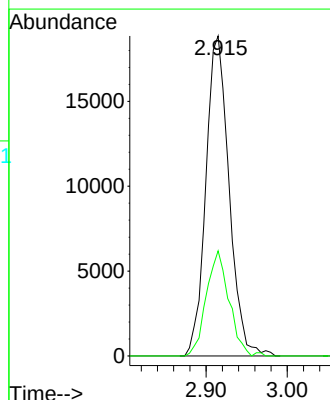
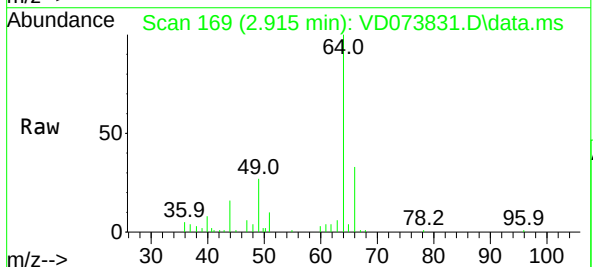
Acq: 12 Jul 2022 10:22

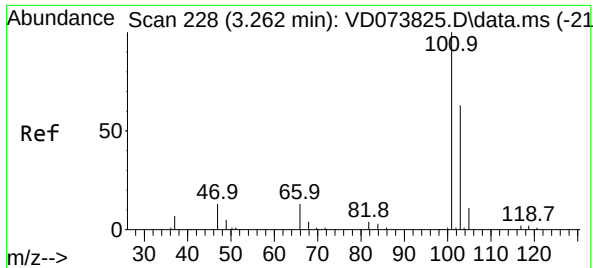
Tgt Ion: 64 Resp: 37452

Ion Ratio Lower Upper

64 100

66 32.8 23.0 34.6

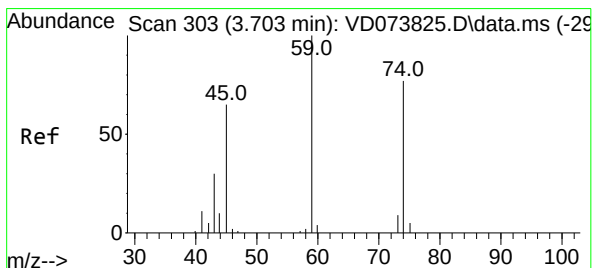
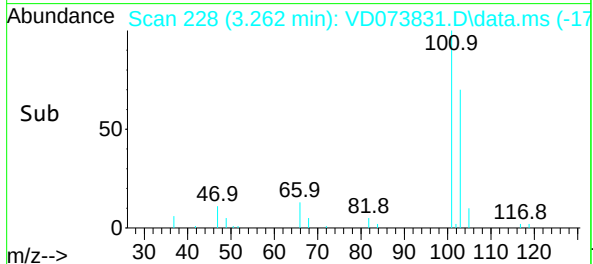
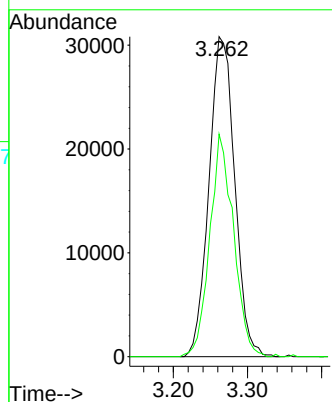
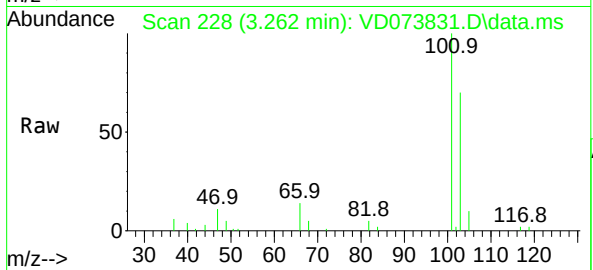




#7
Trichlorofluoromethane
Concen: 45.542 ug/l
RT: 3.262 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

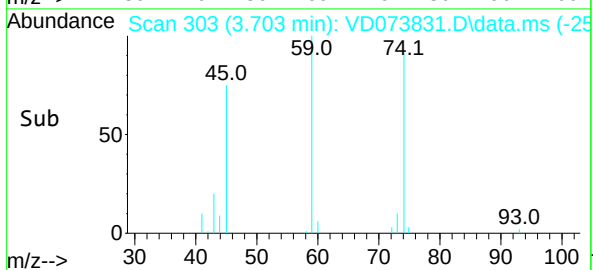
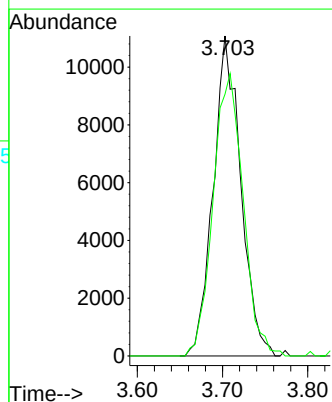
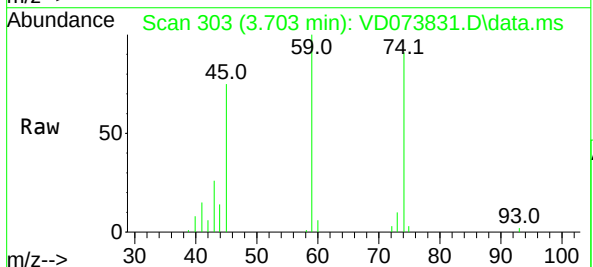
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

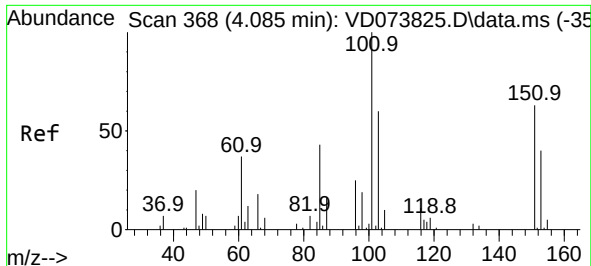
Tgt Ion:101 Resp: 74350
Ion Ratio Lower Upper
101 100
103 69.6 50.3 75.5



#8
Diethyl Ether
Concen: 48.386 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion: 74 Resp: 24891
Ion Ratio Lower Upper
74 100
45 96.3 48.9 146.7

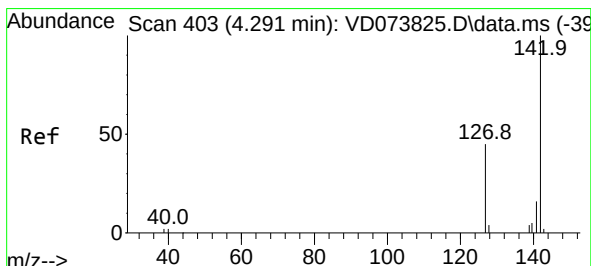
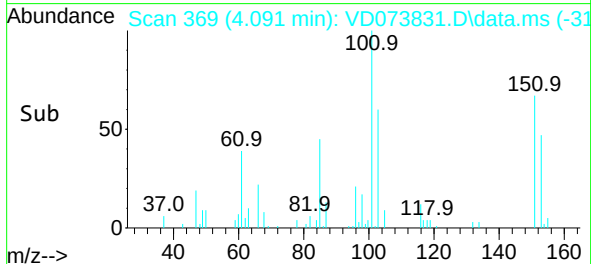
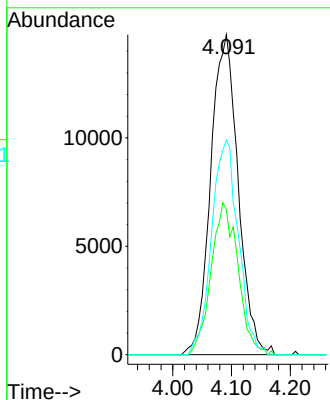
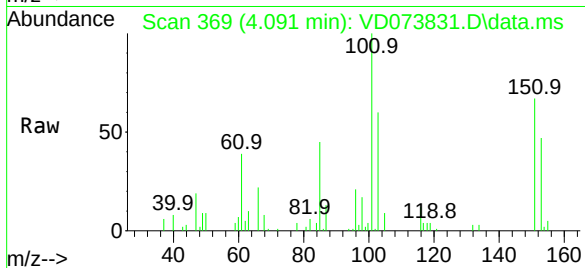




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.449 ug/l
RT: 4.091 min Scan# 30
Delta R.T. 0.006 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

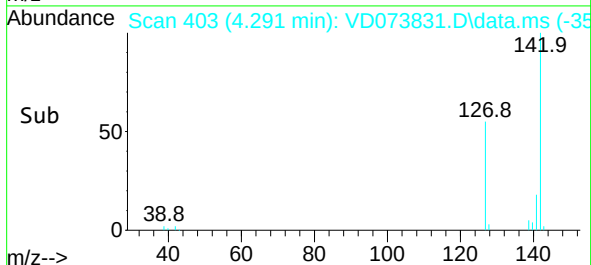
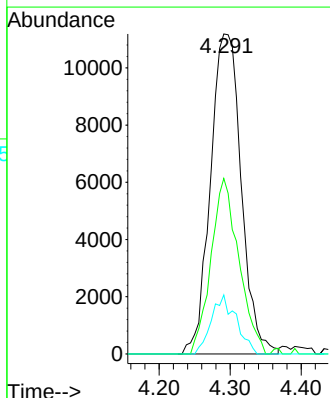
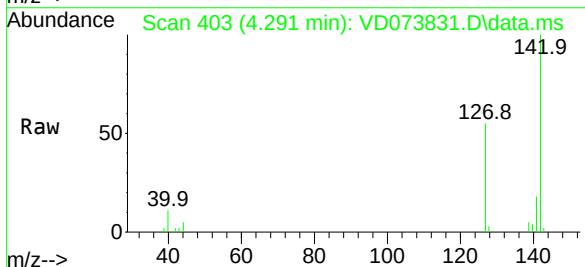
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

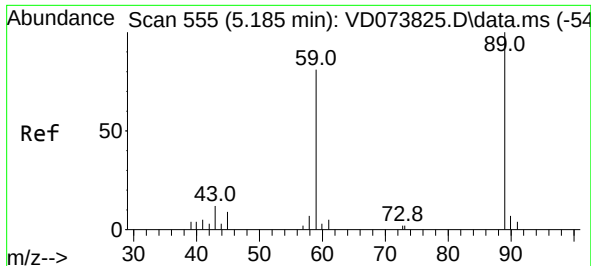
Tgt Ion:101 Resp: 47788
Ion Ratio Lower Upper
101 100
85 46.6 38.6 57.8
151 65.3 53.6 80.4



#10
Methyl Iodide
Concen: 51.515 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion:142 Resp: 33666
Ion Ratio Lower Upper
142 100
127 49.6 39.8 59.6
141 14.9 11.9 17.9

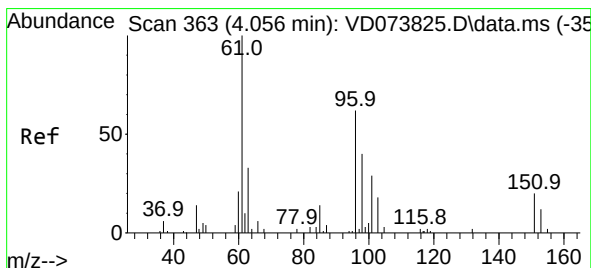
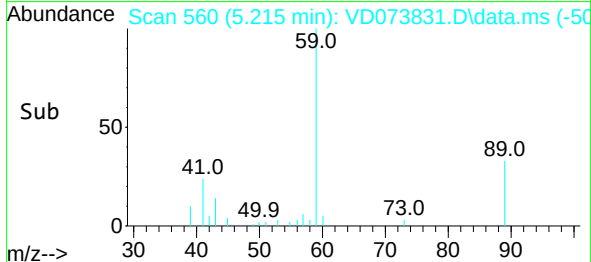
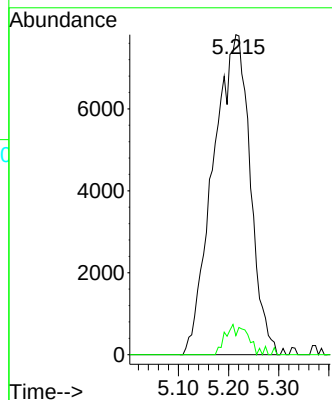
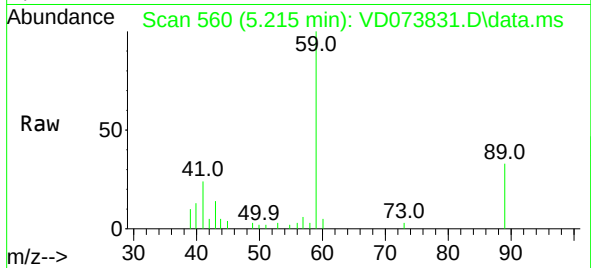




#11
Tert butyl alcohol
Concen: 117.769 ug/l
RT: 5.215 min Scan# 51
Delta R.T. 0.030 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

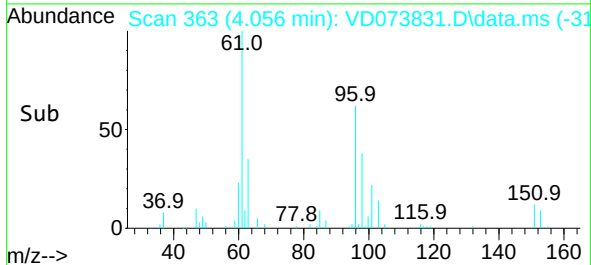
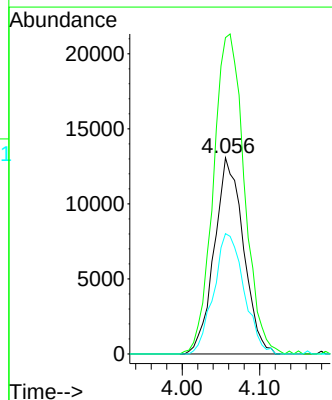
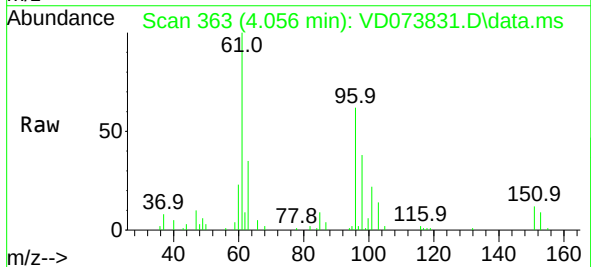
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

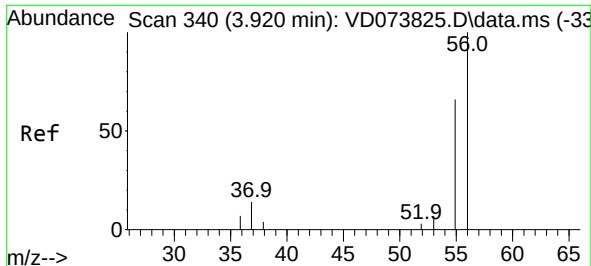
Tgt Ion: 59 Resp: 40005
Ion Ratio Lower Upper
59 100
57 2.8 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 44.160 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion: 96 Resp: 34102
Ion Ratio Lower Upper
96 100
61 161.3 130.1 195.1
98 61.4 52.1 78.1

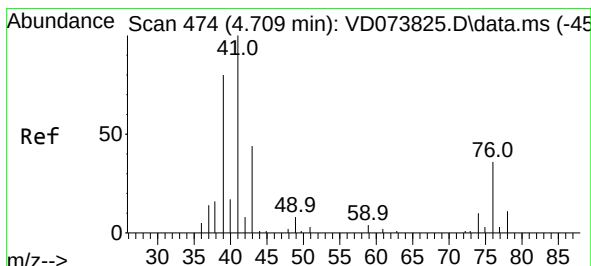
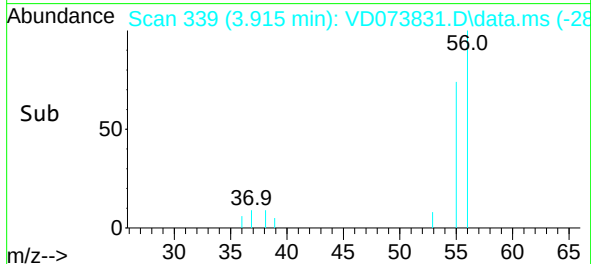
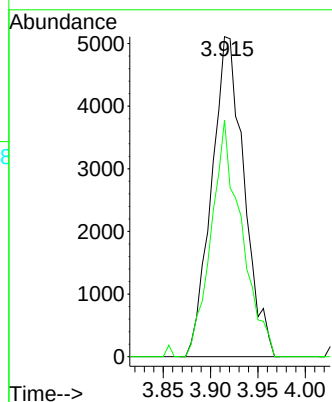
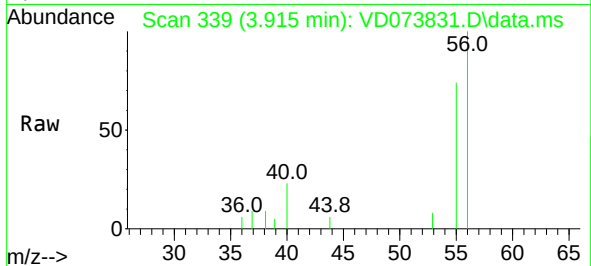




#13
Acrolein
Concen: 255.704 ug/l
RT: 3.915 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

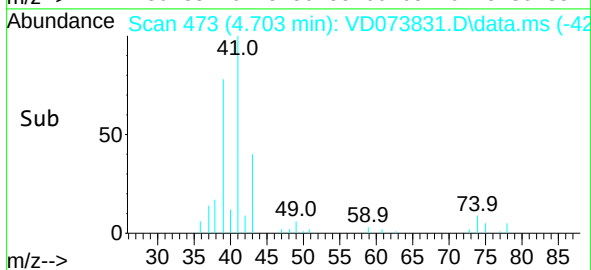
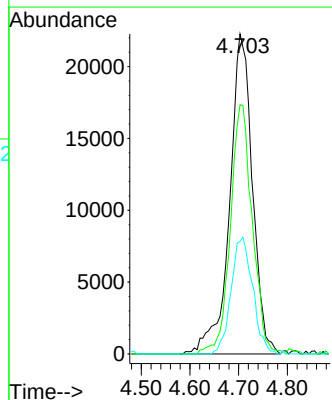
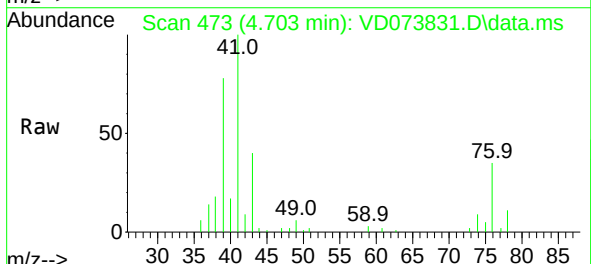
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

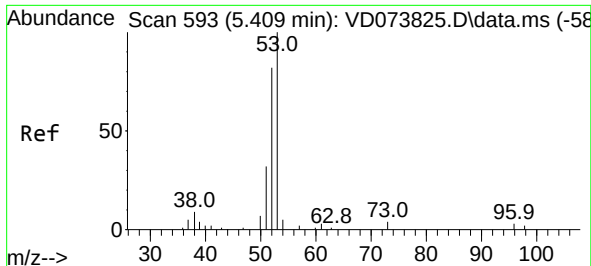
Tgt Ion: 56 Resp: 12179
Ion Ratio Lower Upper
56 100
55 68.8 54.7 82.1



#14
Allyl chloride
Concen: 48.598 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.006 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion: 41 Resp: 72358
Ion Ratio Lower Upper
41 100
39 74.9 62.5 93.7
76 34.5 28.6 43.0

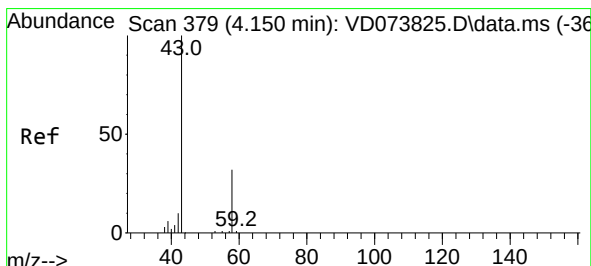
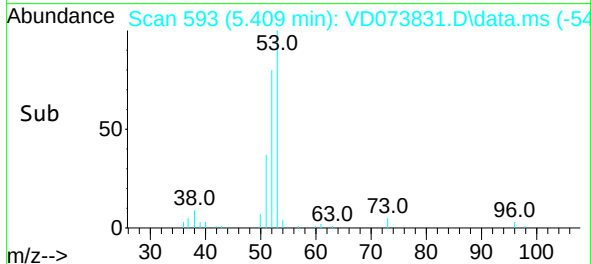
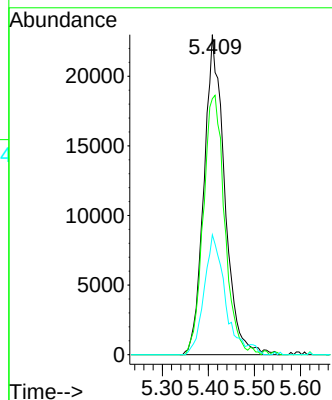
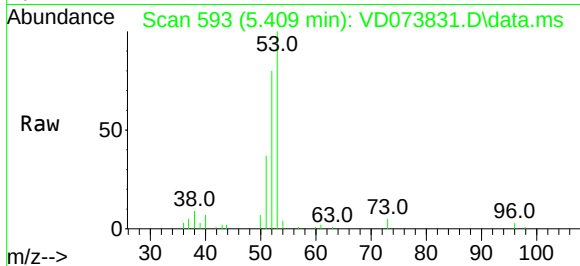




#15
Acrylonitrile
Concen: 244.087 ug/l
RT: 5.409 min Scan# 593
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

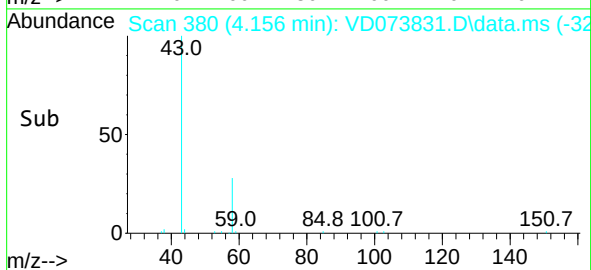
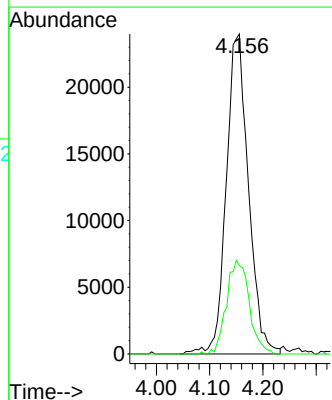
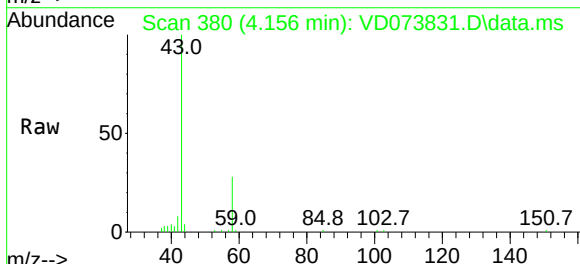
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

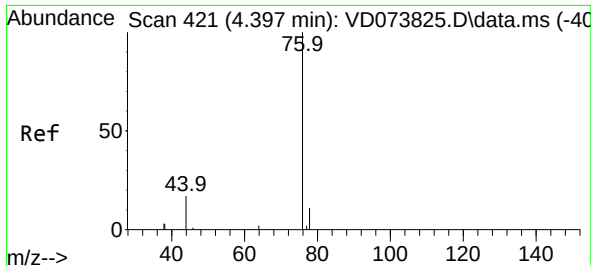
Tgt Ion:	53	Resp:	71995
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.1	99.1
51	37.4	30.6	45.8



#16
Acetone
Concen: 263.041 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion:	43	Resp:	69326
Ion	Ratio	Lower	Upper
43	100		
58	27.6	25.2	37.8

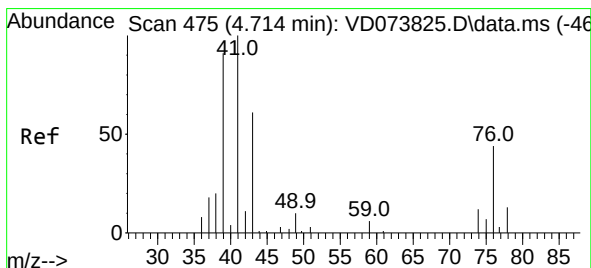
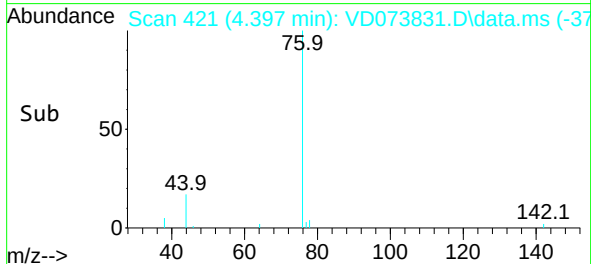
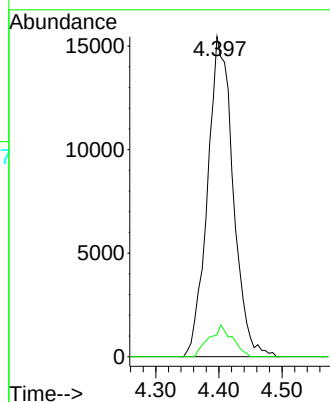
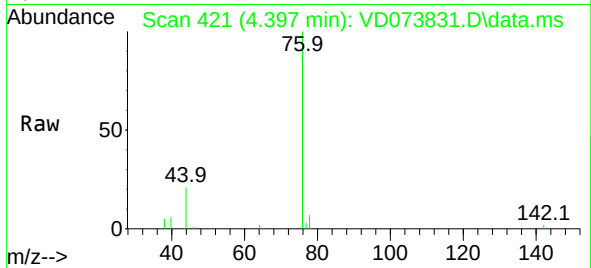




#17
Carbon Disulfide
Concen: 45.133 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

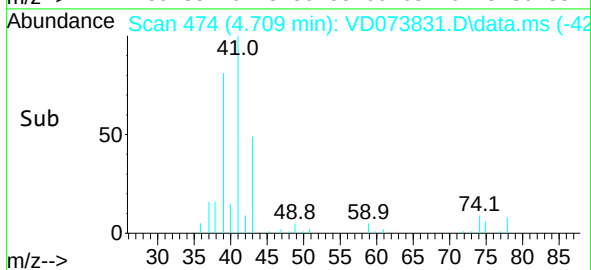
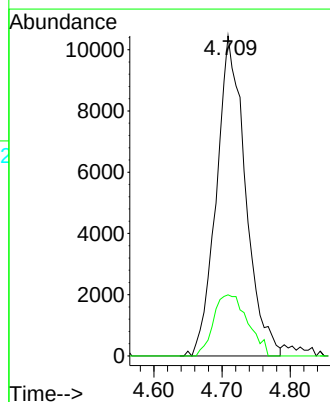
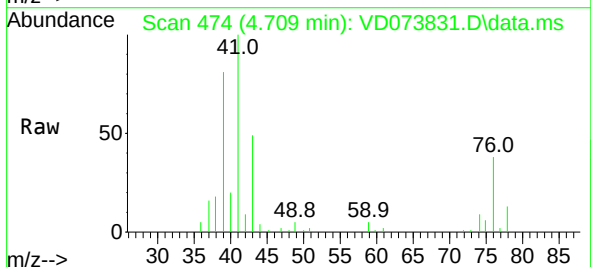
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

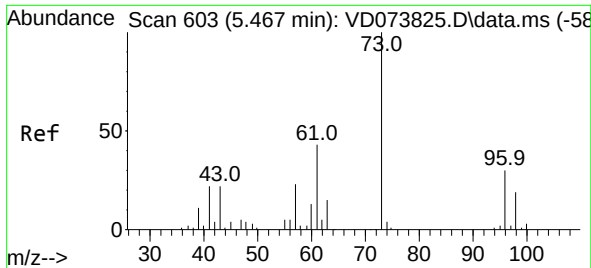
Tgt Ion: 76 Resp: 43521
Ion Ratio Lower Upper
76 100
78 6.8 8.7 13.1#



#18
Methyl Acetate
Concen: 47.119 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.005 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion: 43 Resp: 30950
Ion Ratio Lower Upper
43 100
74 22.5 17.0 25.4

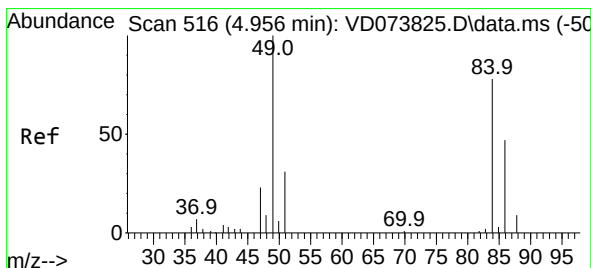
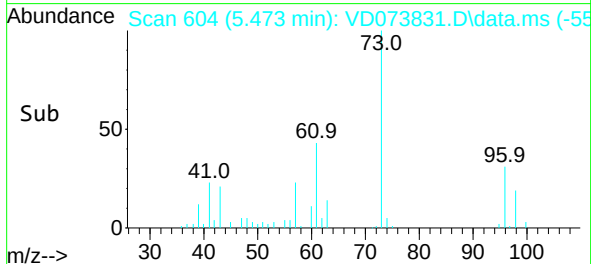
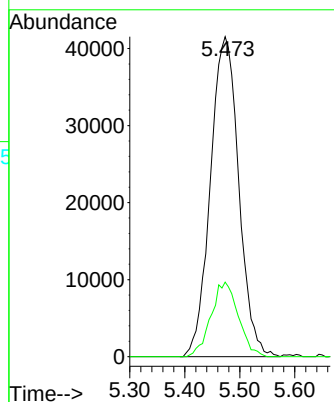
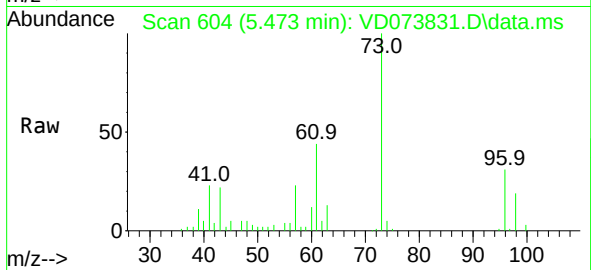




#19
Methyl tert-butyl Ether
Concen: 50.016 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

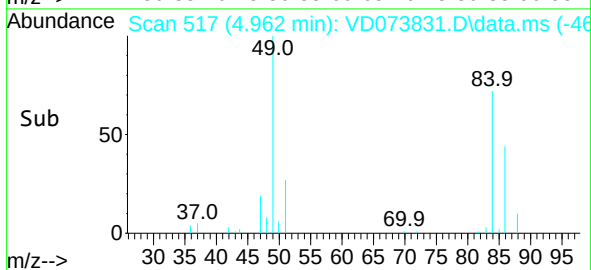
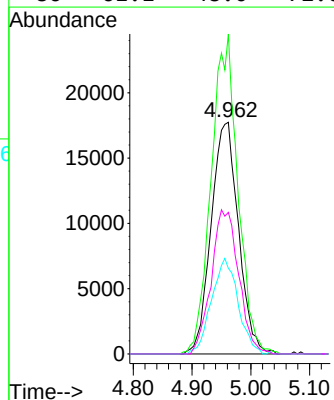
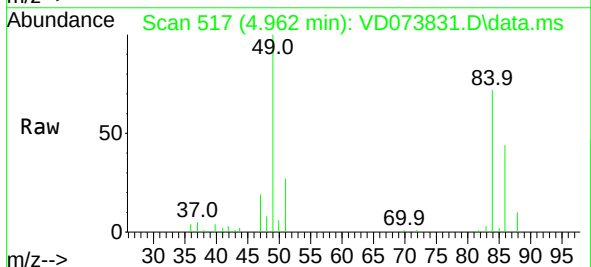
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

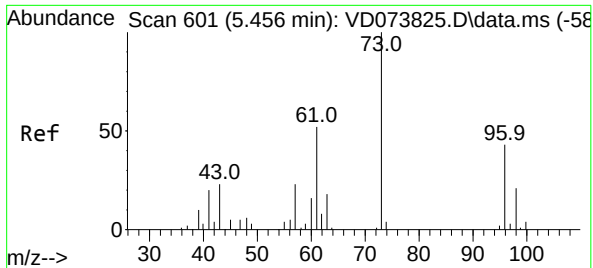
Tgt Ion: 73 Resp: 148965
Ion Ratio Lower Upper
73 100
57 23.3 18.6 28.0



#20
Methylene Chloride
Concen: 50.170 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion: 84 Resp: 57248
Ion Ratio Lower Upper
84 100
49 138.2 102.5 153.7
51 36.9 31.4 47.0
86 61.1 48.0 72.0

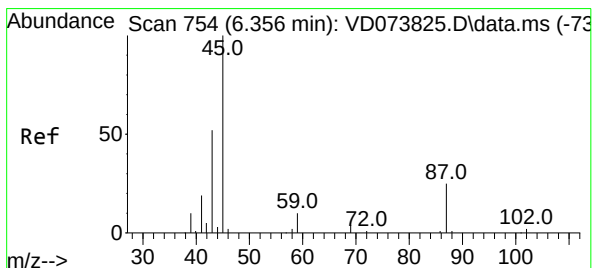
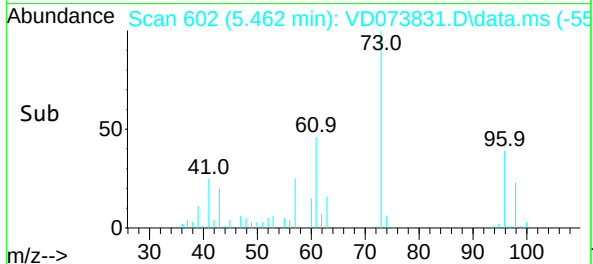
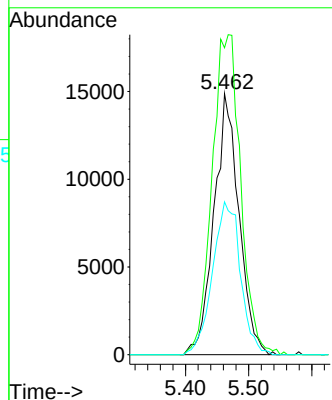
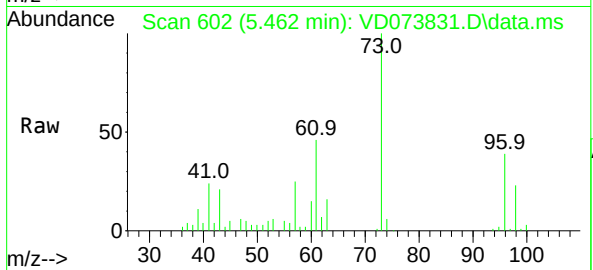




#21
trans-1,2-Dichloroethene
Concen: 44.931 ug/l
RT: 5.462 min Scan# 601
Delta R.T. 0.006 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

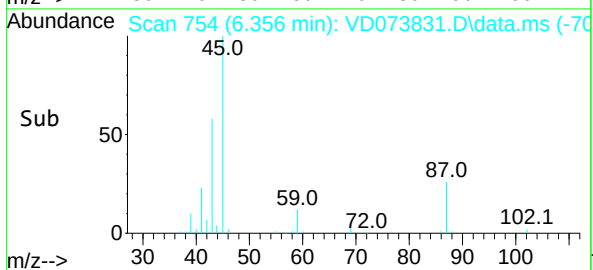
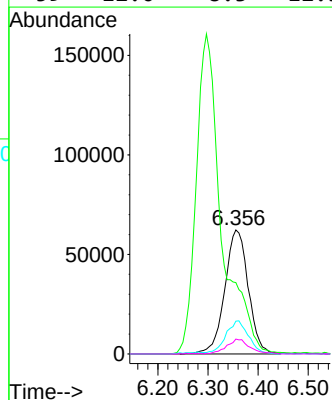
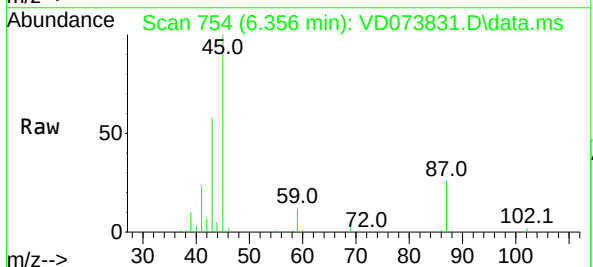
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

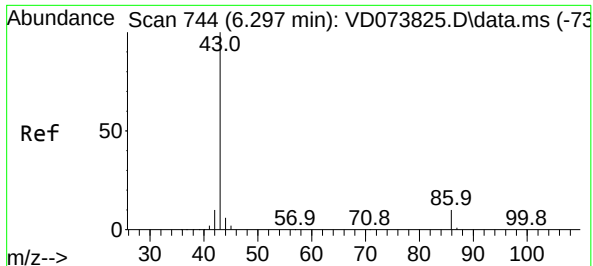
Tgt Ion: 96 Resp: 40835
Ion Ratio Lower Upper
96 100
61 117.5 97.0 145.6
98 58.5 39.5 59.3



#22
Diisopropyl ether
Concen: 49.820 ug/l
RT: 6.356 min Scan# 754
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion: 45 Resp: 202492
Ion Ratio Lower Upper
45 100
43 56.2 44.1 66.1
87 26.5 20.8 31.2
59 12.0 8.3 12.5

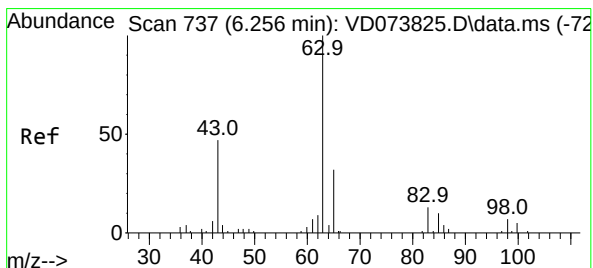
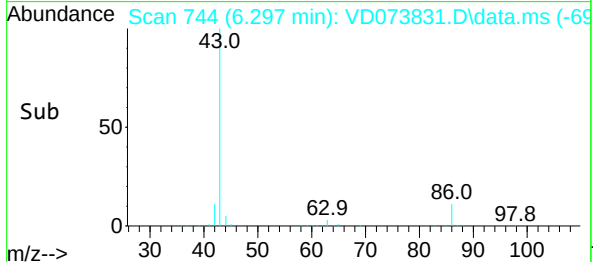
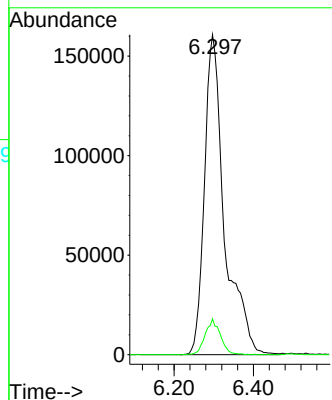
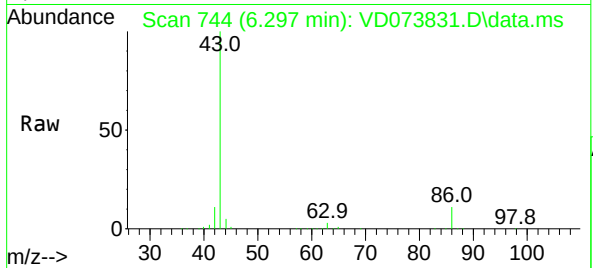




#23
 Vinyl Acetate
 Concen: 270.250 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073831.D
 Acq: 12 Jul 2022 10:22

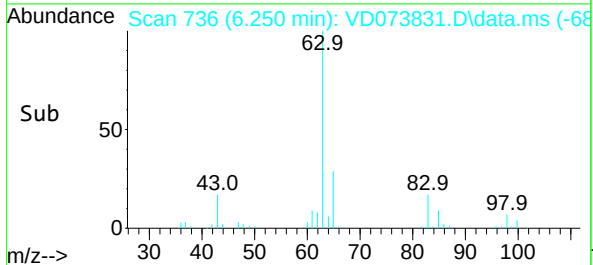
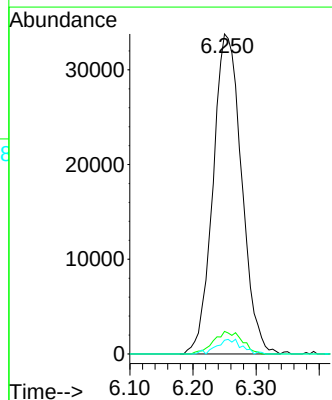
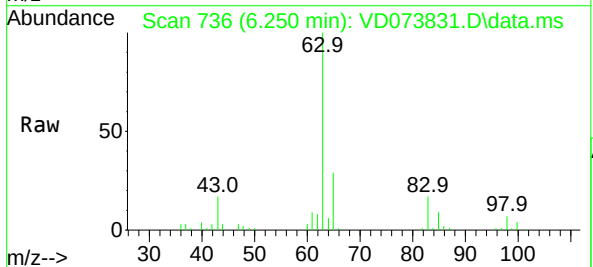
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

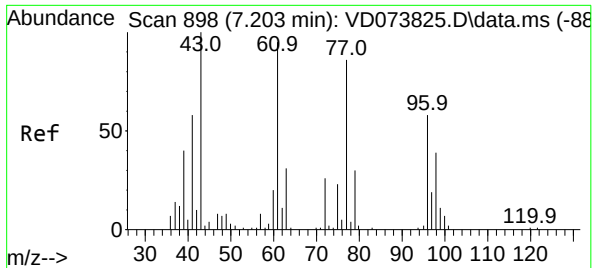
Tgt Ion: 43 Resp: 564388
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 47.859 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.006 min
 Lab File: VD073831.D
 Acq: 12 Jul 2022 10:22

Tgt Ion: 63 Resp: 106271
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.7 11.1
 100 4.3 2.5 7.6

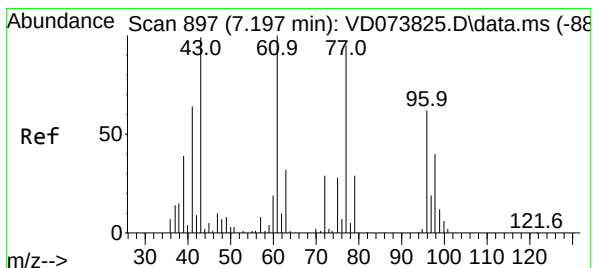
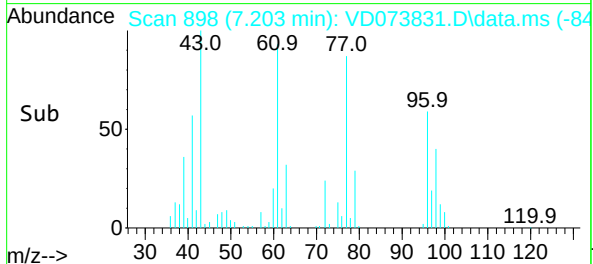
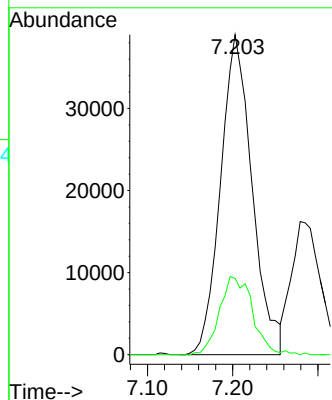
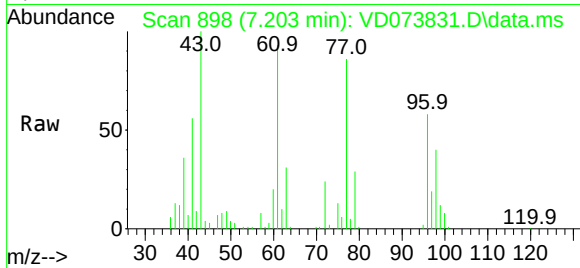




#25
2-Butanone
Concen: 253.006 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

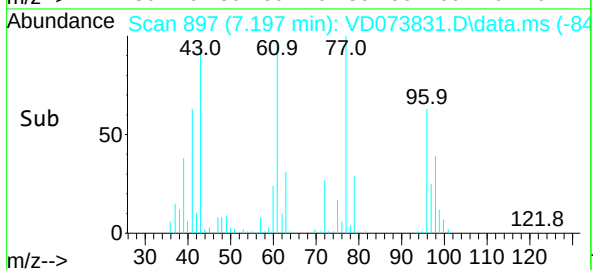
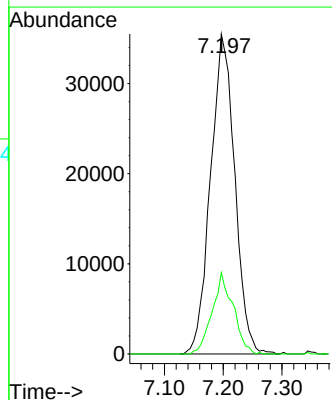
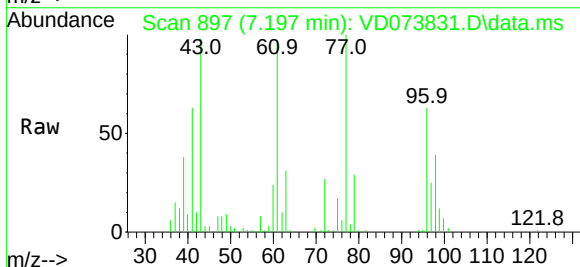
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

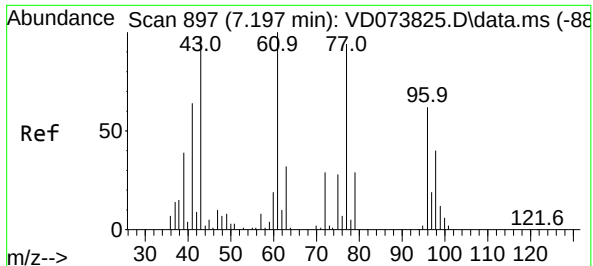
Tgt Ion: 43 Resp: 100314
Ion Ratio Lower Upper
43 100
72 23.9 20.9 31.3



#26
2,2-Dichloropropane
Concen: 48.015 ug/l
RT: 7.197 min Scan# 897
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion: 77 Resp: 101504
Ion Ratio Lower Upper
77 100
97 22.1 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 48.268 ug/l

RT: 7.203 min Scan# 897

Delta R.T. 0.006 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

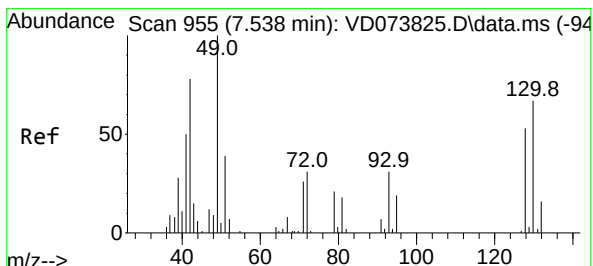
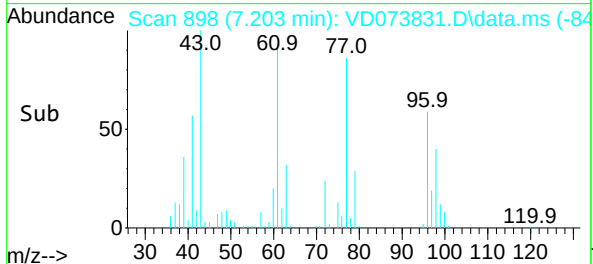
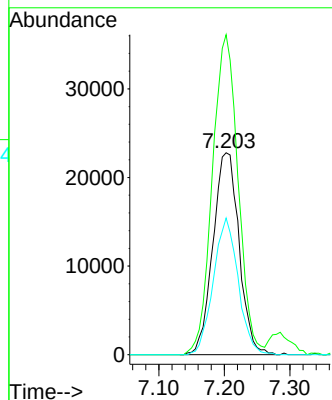
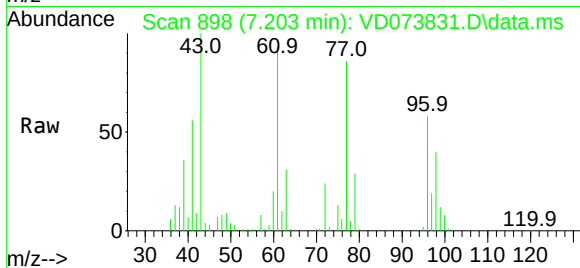
Tgt Ion: 96 Resp: 62968

Ion Ratio Lower Upper

96 100

61 155.9 0.0 324.4

98 64.4 0.0 131.6



#28

Bromochloromethane

Concen: 46.512 ug/l

RT: 7.538 min Scan# 955

Delta R.T. 0.000 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

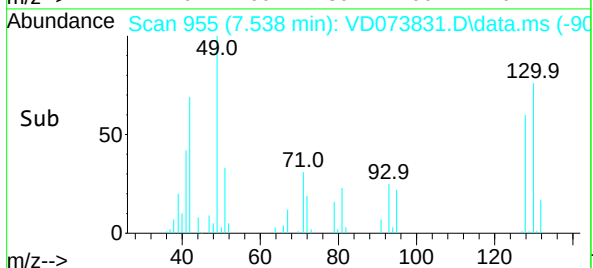
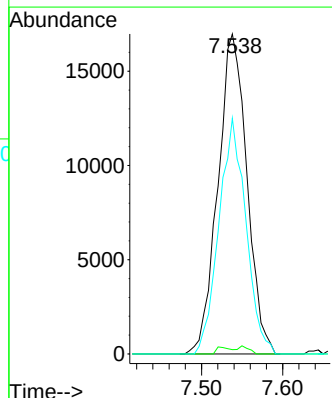
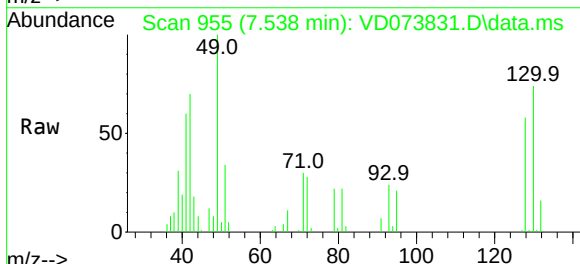
Tgt Ion: 49 Resp: 42122

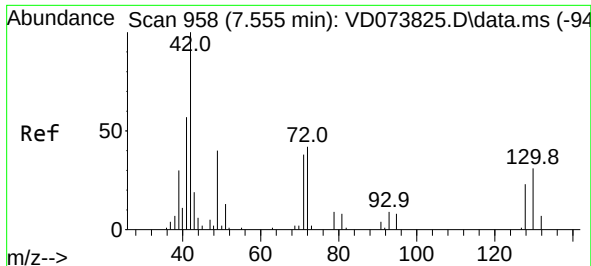
Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.0

130 68.6 51.8 77.6





#29

Tetrahydrofuran

Concen: 246.975 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

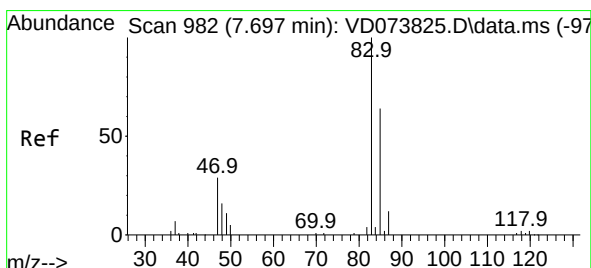
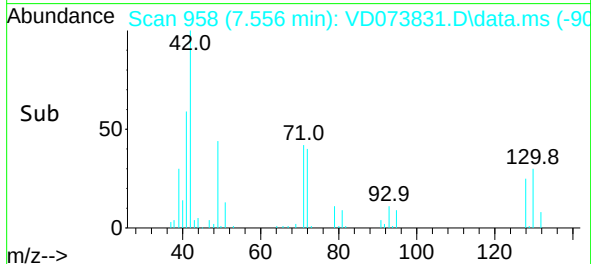
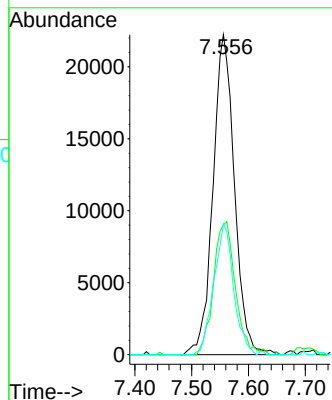
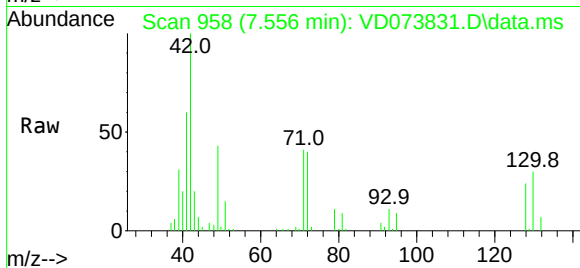
Tgt Ion: 42 Resp: 58325

Ion Ratio Lower Upper

42 100

72 42.3 33.5 50.3

71 37.9 31.0 46.6



#30

Chloroform

Concen: 50.100 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.006 min

Lab File: VD073831.D

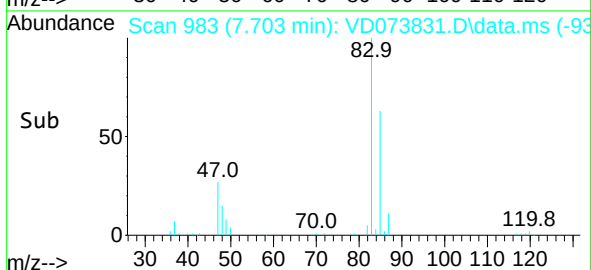
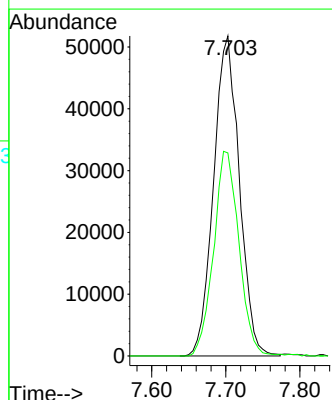
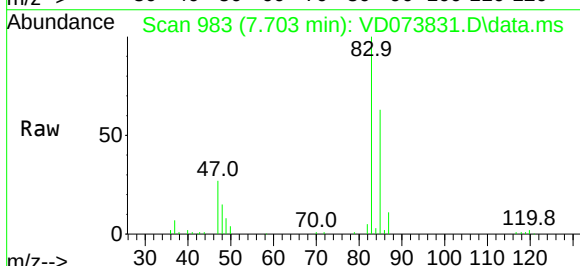
Acq: 12 Jul 2022 10:22

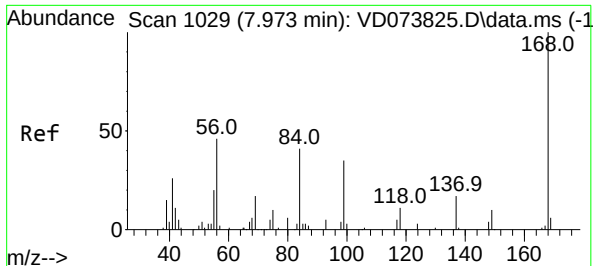
Tgt Ion: 83 Resp: 125042

Ion Ratio Lower Upper

83 100

85 63.5 51.2 76.8

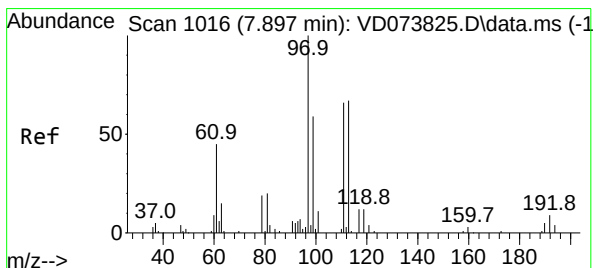
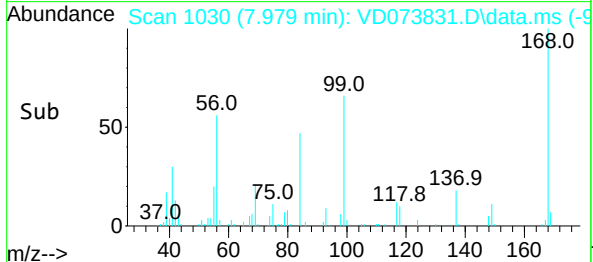
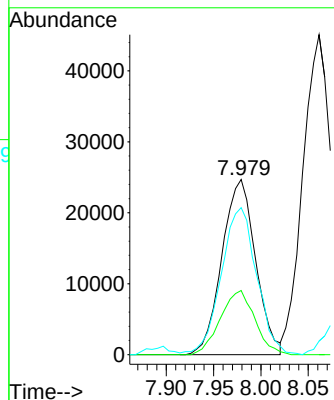
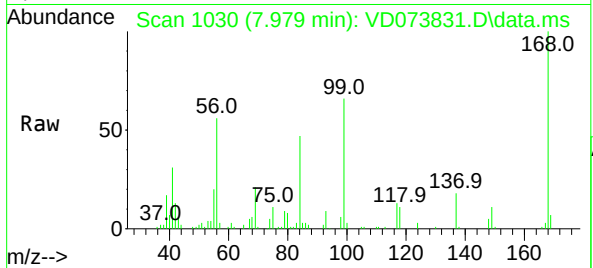




#31
Cyclohexane
Concen: 50.062 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

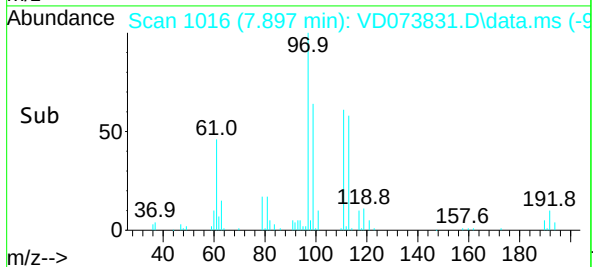
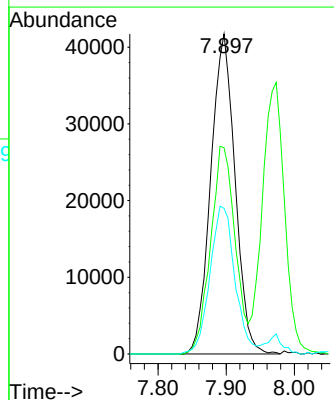
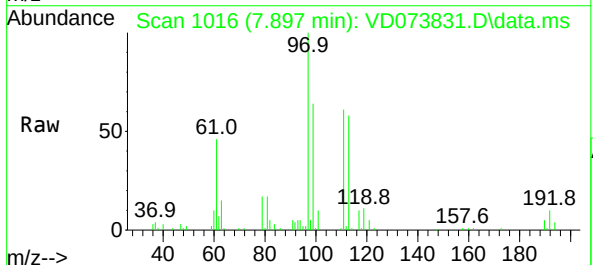
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

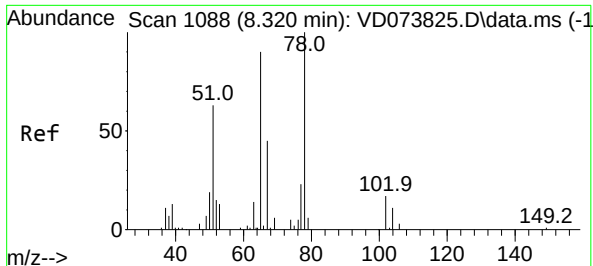
Tgt Ion: 56 Resp: 61093
Ion Ratio Lower Upper
56 100
69 36.6 29.1 43.7
84 82.9 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 49.609 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion: 97 Resp: 103525
Ion Ratio Lower Upper
97 100
99 65.6 52.2 78.2
61 47.4 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 41.995 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

Instrument :

MSVOA_D

ClientSampleId :

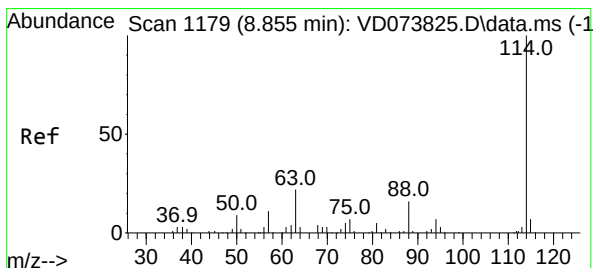
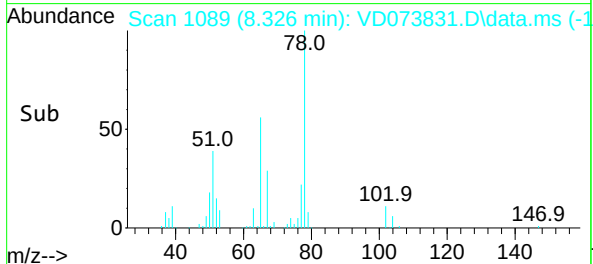
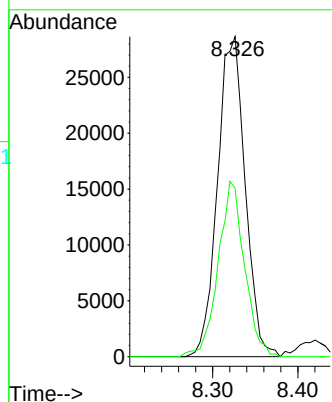
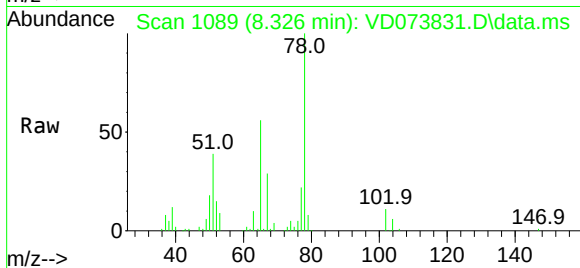
VSTDCCC050

Tgt Ion: 65 Resp: 64604

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

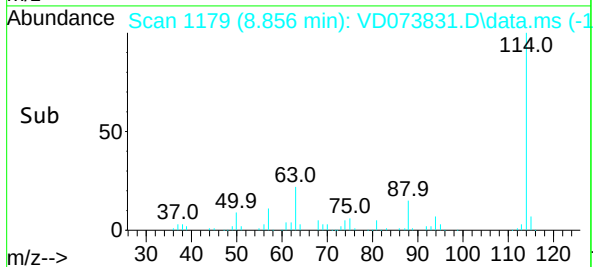
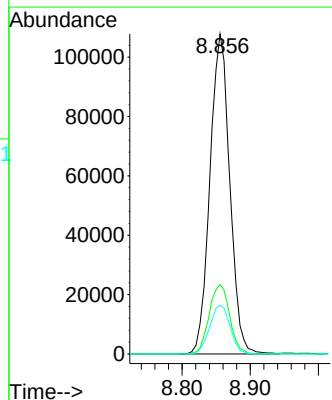
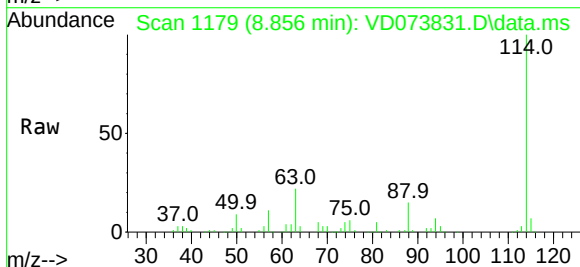
Tgt Ion: 114 Resp: 218395

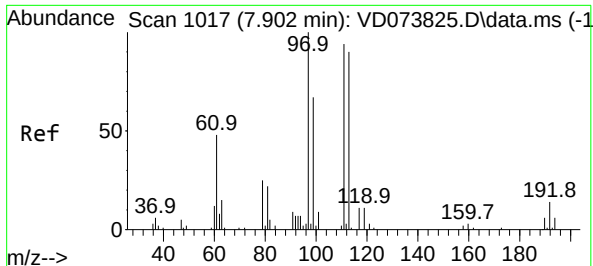
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.0

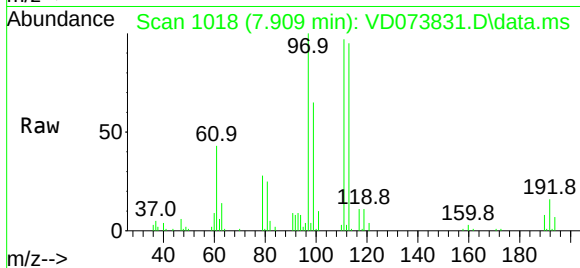
88 15.2 0.0 33.0



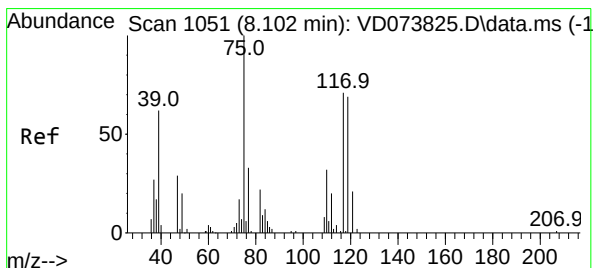
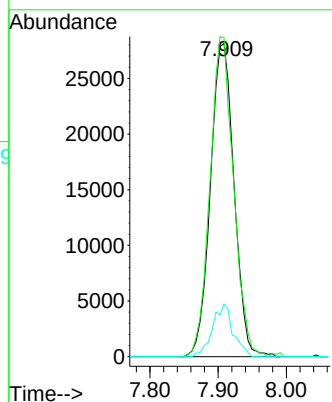
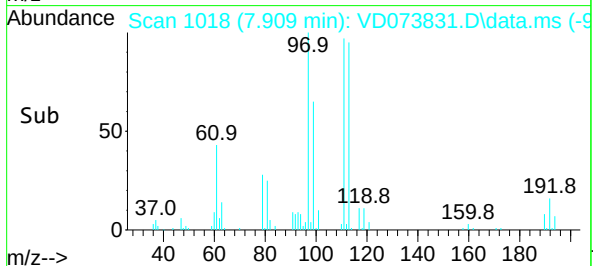


#35
Dibromofluoromethane
Concen: 46.983 ug/l
RT: 7.909 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

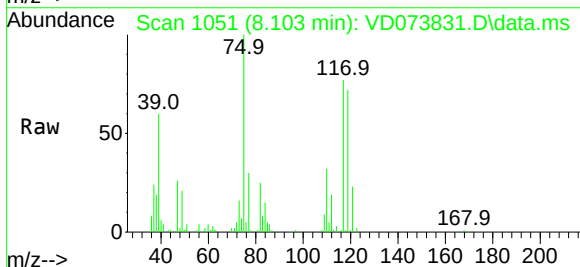
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



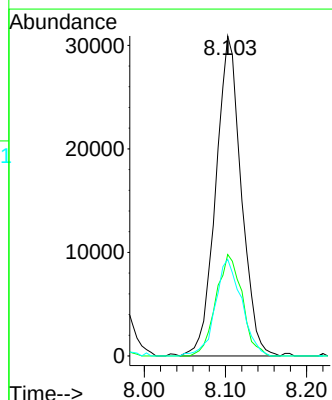
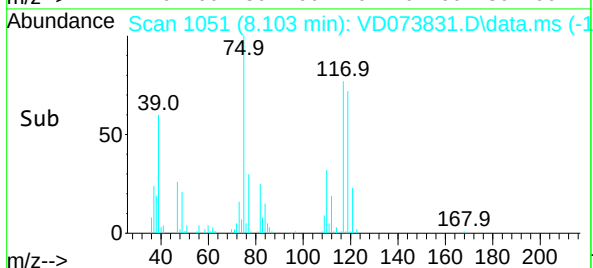
Tgt Ion:113 Resp: 67879
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 14.7 12.3 18.5

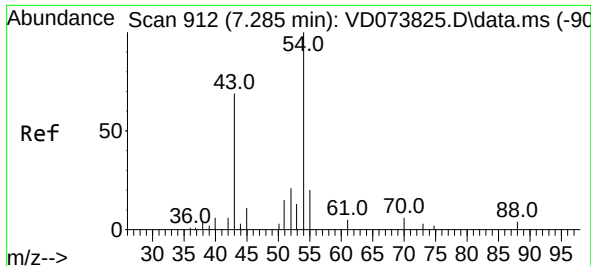


#36
1,1-Dichloropropene
Concen: 46.088 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22



Tgt Ion: 75 Resp: 67371
Ion Ratio Lower Upper
75 100
110 32.5 16.0 47.9
77 31.2 25.3 37.9





#37

Ethyl Acetate

Concen: 44.099 ug/l

RT: 7.279 min Scan# 912

Delta R.T. -0.006 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

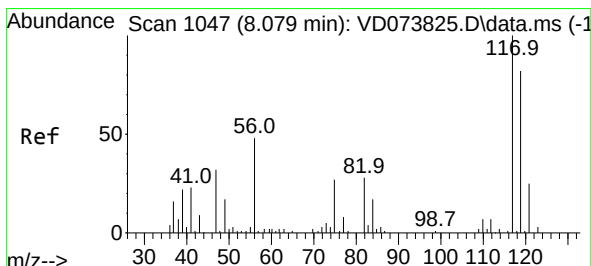
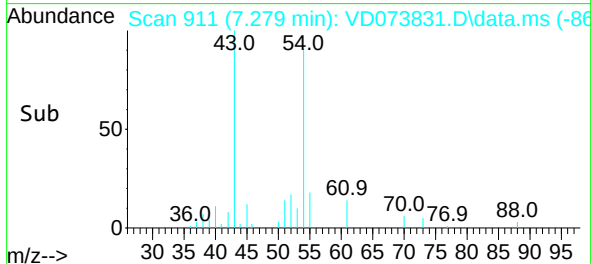
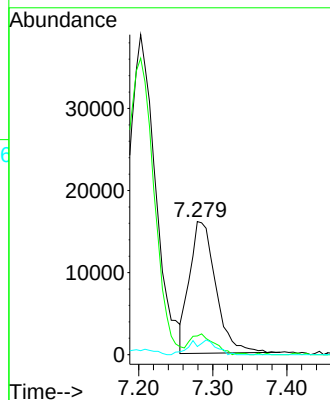
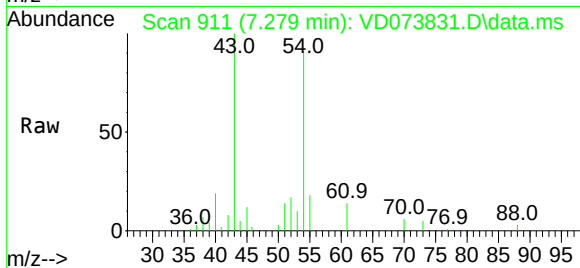
Tgt Ion: 43 Resp: 39458

Ion Ratio Lower Upper

43 100

61 12.8 10.8 16.2

70 6.4 7.5 11.3#



#38

Carbon Tetrachloride

Concen: 48.715 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. 0.006 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

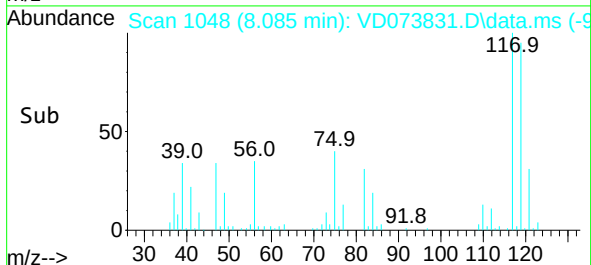
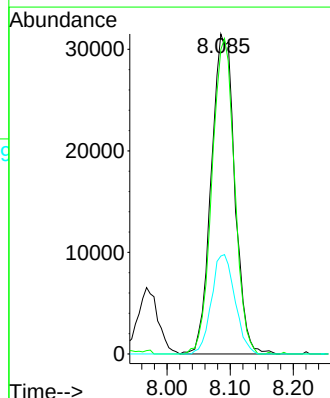
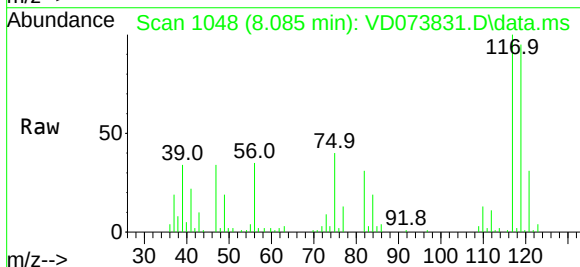
Tgt Ion: 117 Resp: 81331

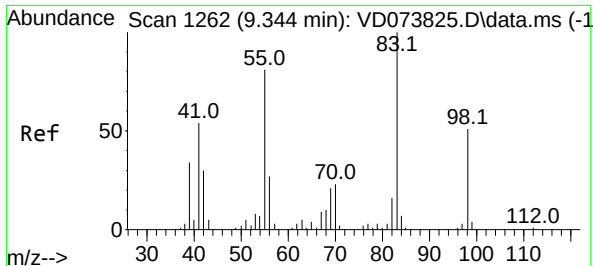
Ion Ratio Lower Upper

117 100

119 95.2 65.6 98.4

121 30.6 20.1 30.1#





#39

Methylcyclohexane

Concen: 43.332 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

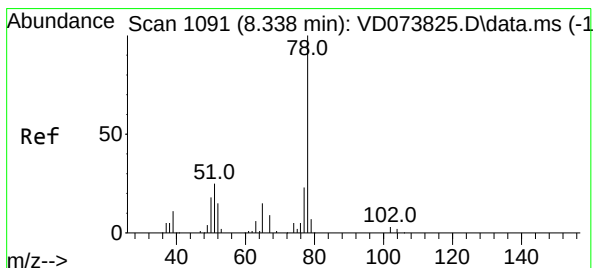
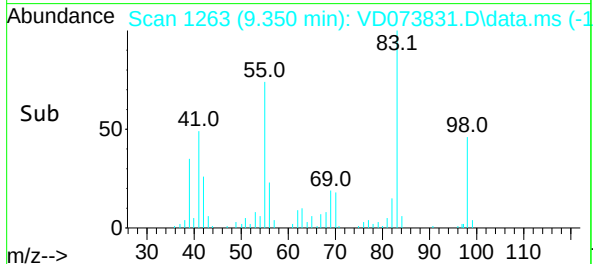
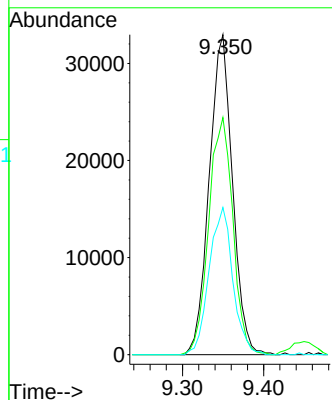
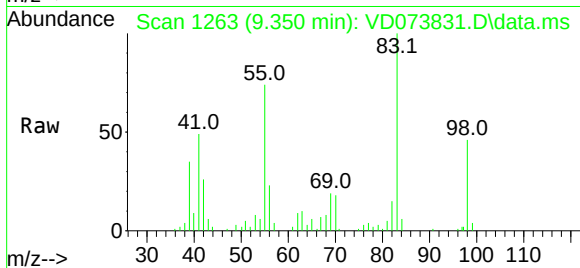
Tgt Ion: 83 Resp: 65566

Ion Ratio Lower Upper

83 100

55 74.1 64.8 97.2

98 46.0 41.0 61.4



#40

Benzene

Concen: 46.241 ug/l

RT: 8.338 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD073831.D

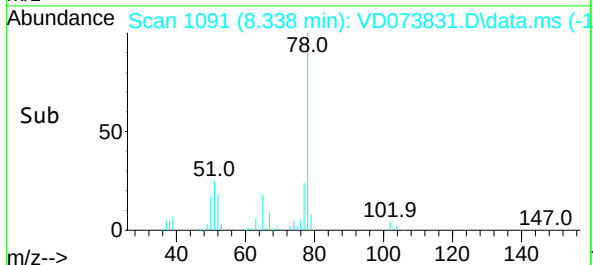
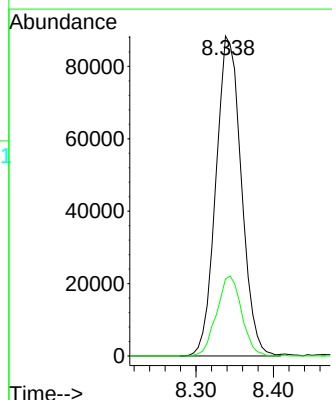
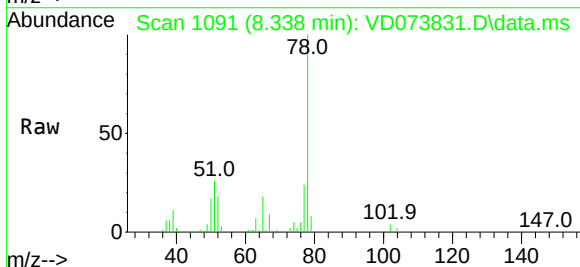
Acq: 12 Jul 2022 10:22

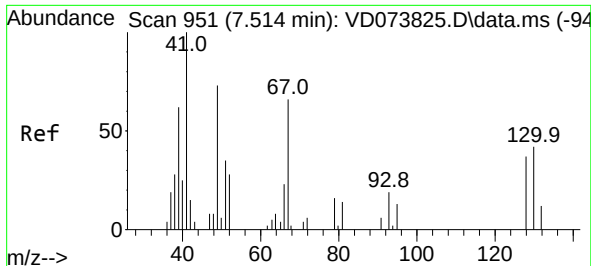
Tgt Ion: 78 Resp: 201241

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2

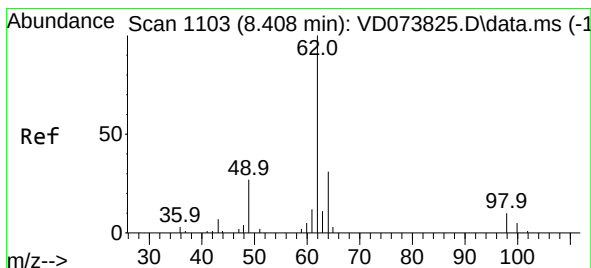
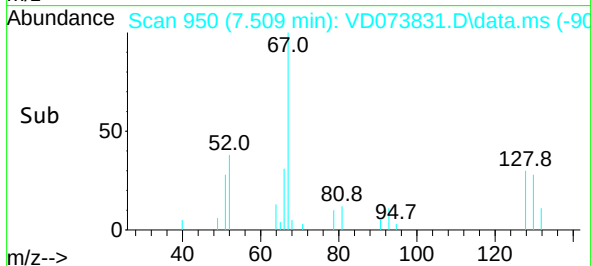
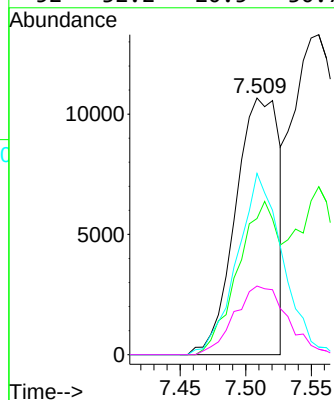
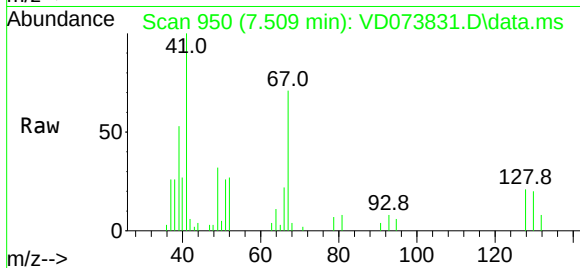




#41
Methacrylonitrile
Concen: 42.215 ug/l
RT: 7.509 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

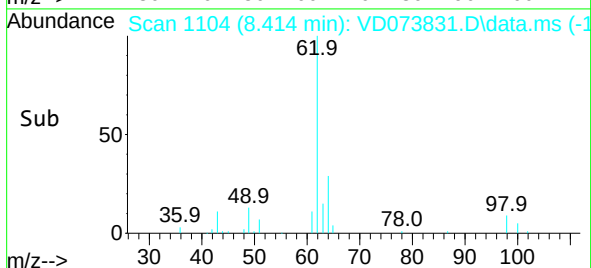
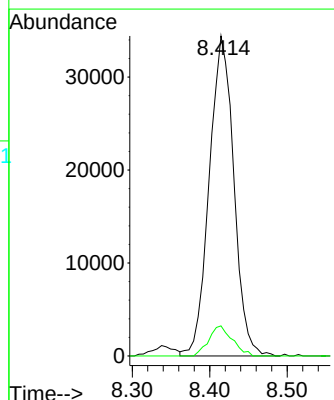
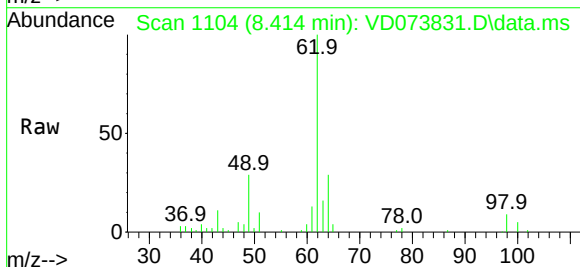
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

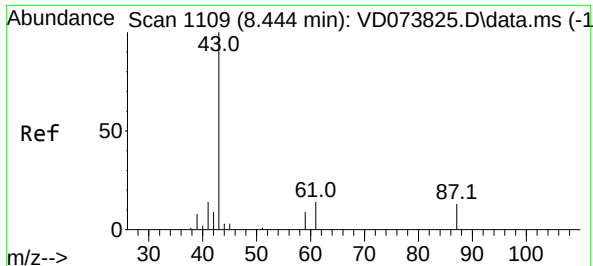
Tgt Ion:	41	Resp:	24746
Ion	Ratio	Lower	Upper
41	100		
39	62.0	35.6	53.4#
67	73.3	45.0	67.6#
52	32.2	20.5	30.7#



#42
1,2-Dichloroethane
Concen: 48.936 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion:	62	Resp:	75850
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.2

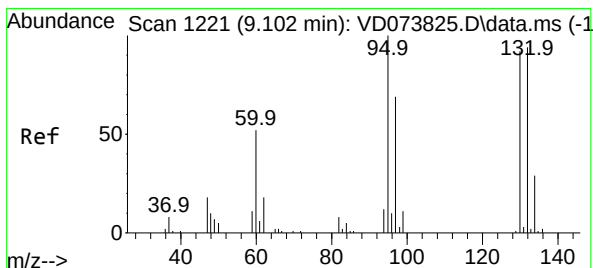
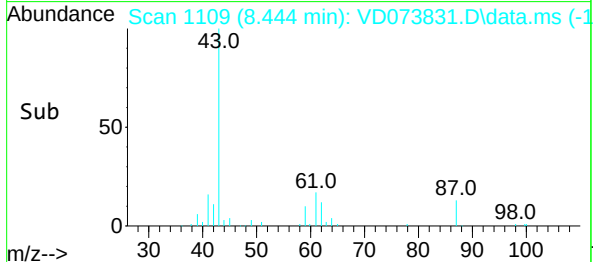
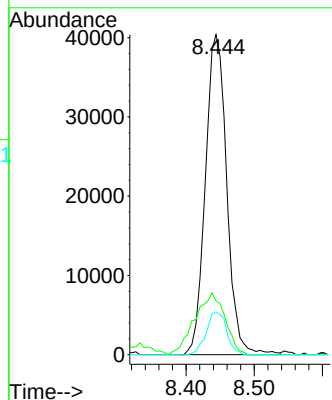
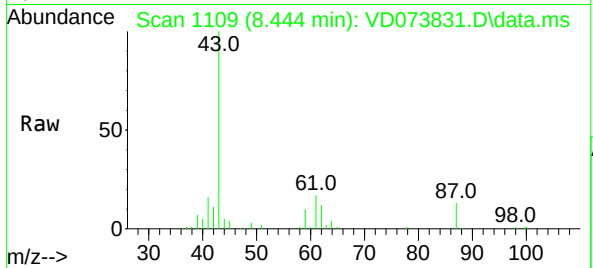




#43
Isopropyl Acetate
Concen: 50.023 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

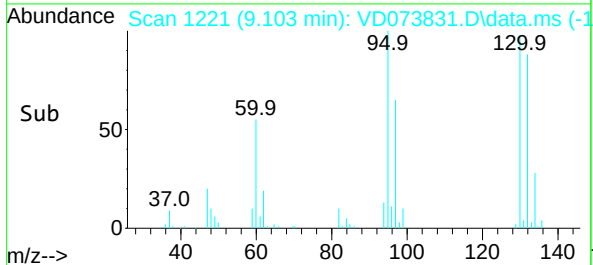
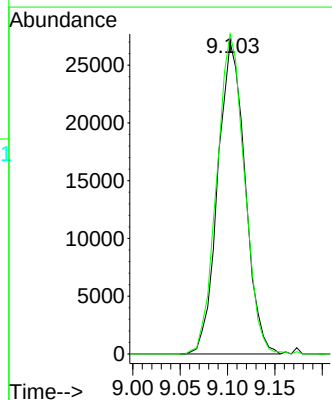
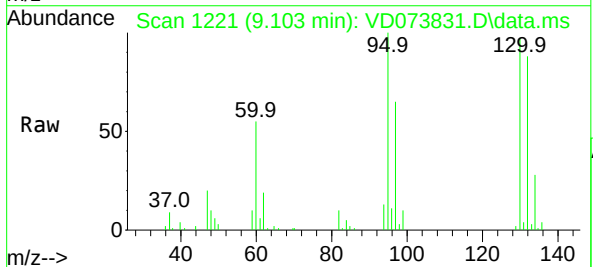
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

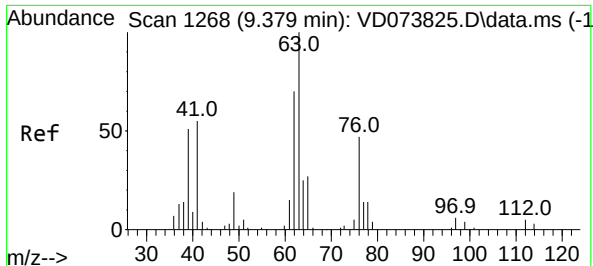
Tgt Ion: 43 Resp: 88036
Ion Ratio Lower Upper
43 100
61 27.3 22.2 33.2
87 12.7 9.7 14.5



#44
Trichloroethene
Concen: 47.659 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. 0.001 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion:130 Resp: 54121
Ion Ratio Lower Upper
130 100
95 102.6 0.0 217.0





#45

1,2-Dichloropropane

Concen: 50.288 ug/l

RT: 9.379 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

Instrument :

MSVOA_D

ClientSampleId :

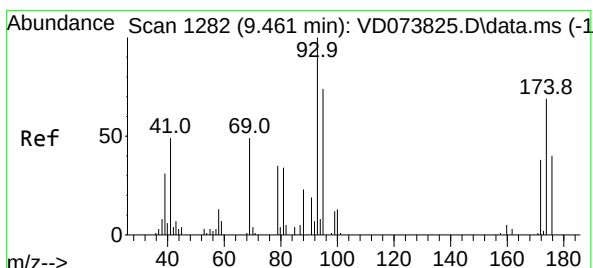
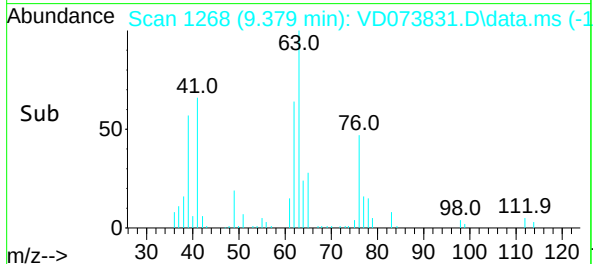
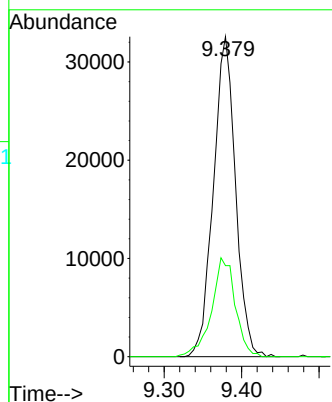
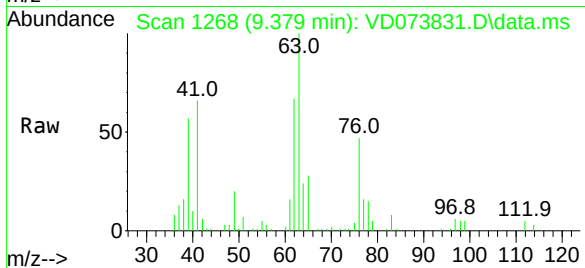
VSTDCCC050

Tgt Ion: 63 Resp: 64760

Ion Ratio Lower Upper

63 100

65 28.5 21.7 32.5



#46

Dibromomethane

Concen: 49.500 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

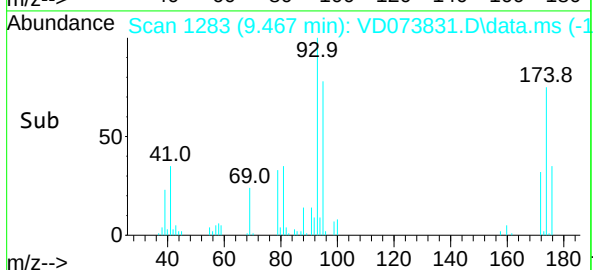
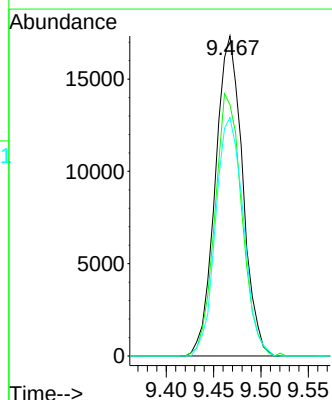
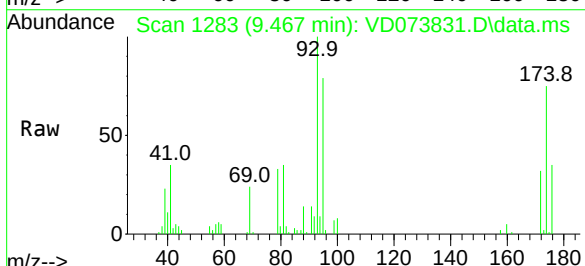
Tgt Ion: 93 Resp: 34689

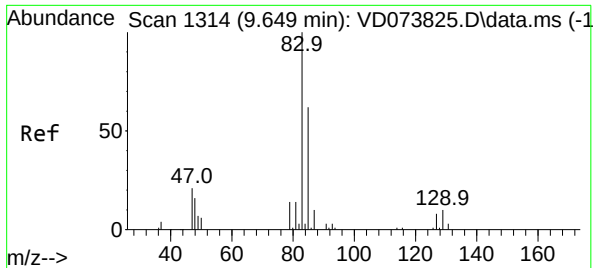
Ion Ratio Lower Upper

93 100

95 81.3 61.8 92.6

174 76.0 58.7 88.1

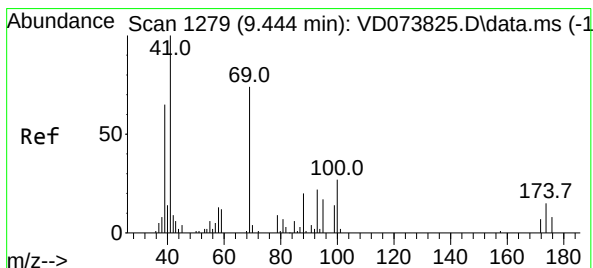
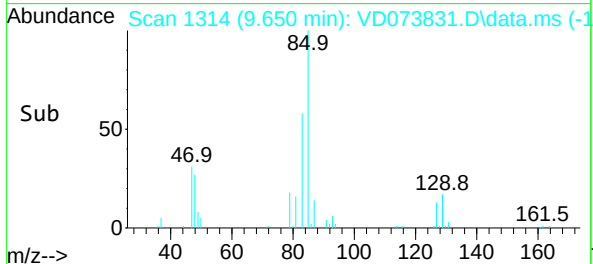
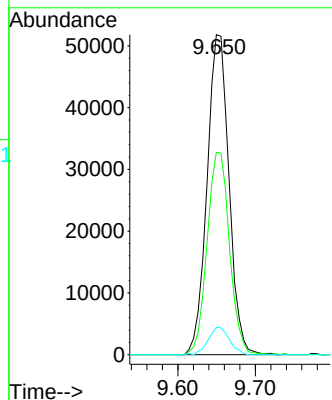
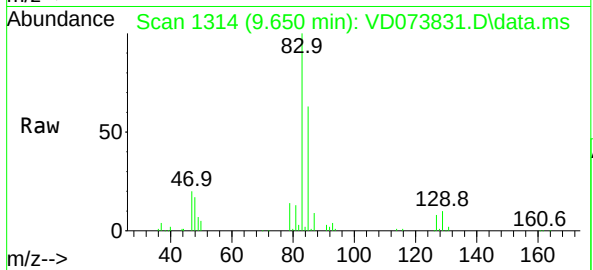




#47
Bromodichloromethane
Concen: 51.385 ug/l
RT: 9.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

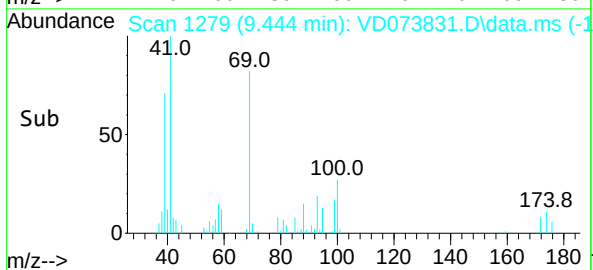
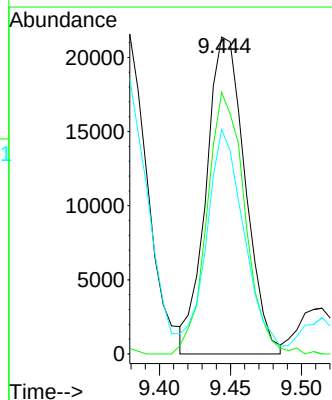
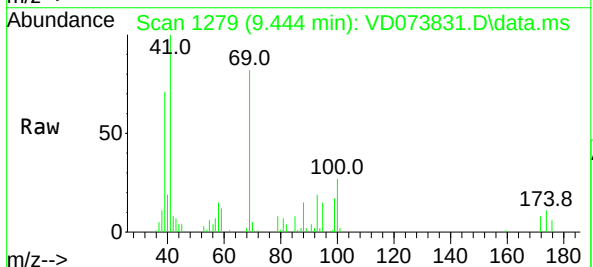
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

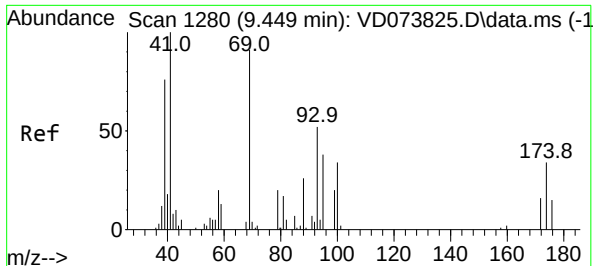
Tgt Ion: 83 Resp: 101847
Ion Ratio Lower Upper
83 100
85 63.3 50.0 75.0
127 8.5 6.2 9.2



#48
Methyl methacrylate
Concen: 51.138 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion: 41 Resp: 40880
Ion Ratio Lower Upper
41 100
69 80.1 63.4 95.2
39 68.0 55.6 83.4





#49

1,4-Dioxane

Concen: 1062.723 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. 0.007 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

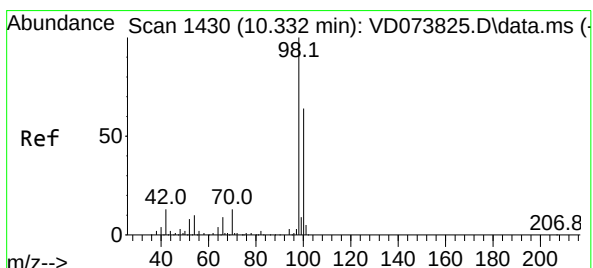
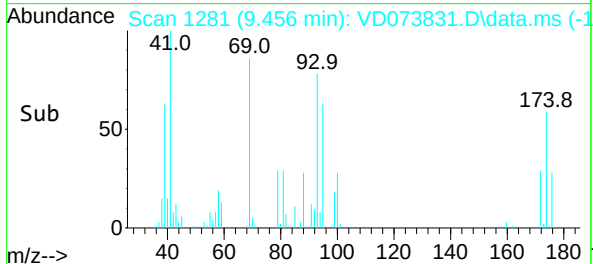
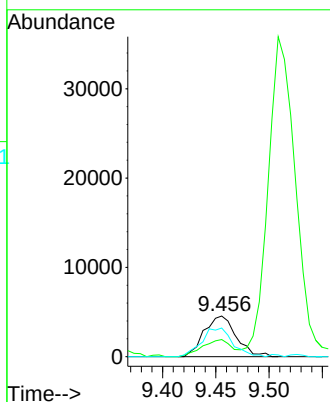
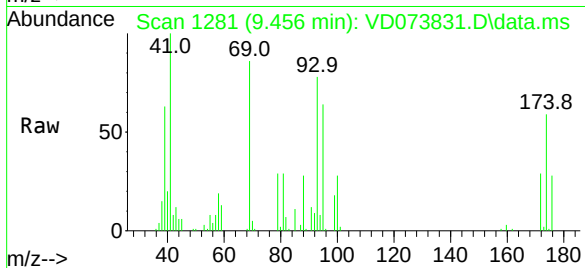
Tgt Ion: 88 Resp: 9520

Ion Ratio Lower Upper

88 100

43 39.9 34.2 51.4

58 67.7 54.8 82.2



#50

Toluene-d8

Concen: 41.217 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073831.D

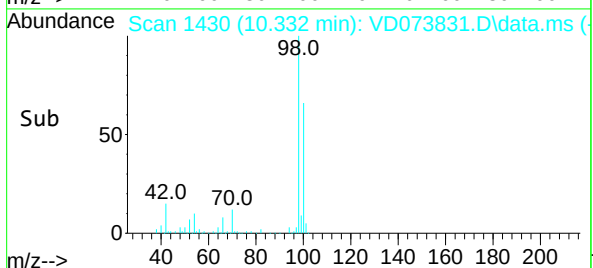
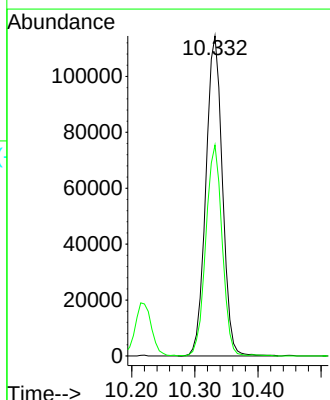
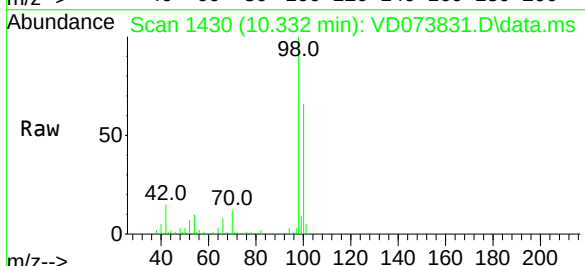
Acq: 12 Jul 2022 10:22

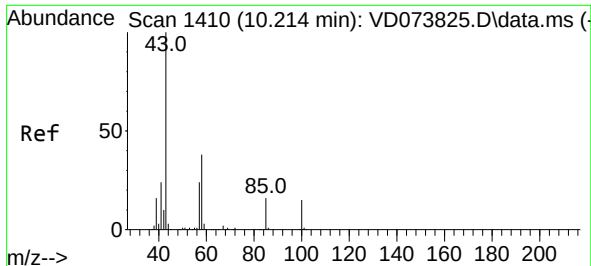
Tgt Ion: 98 Resp: 207647

Ion Ratio Lower Upper

98 100

100 65.2 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 252.786 ug/l

RT: 10.220 min Scan# 1411

Delta R.T. 0.006 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

Instrument :

MSVOA_D

ClientSampleId :

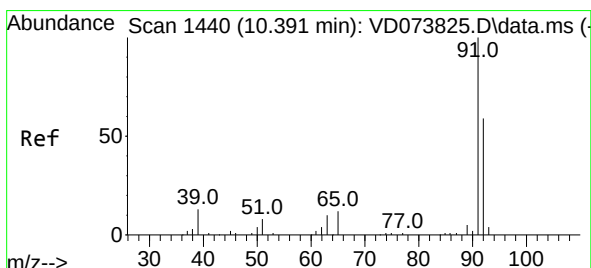
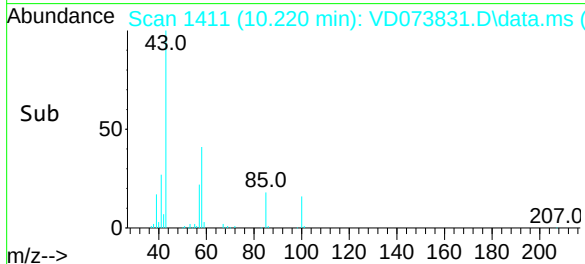
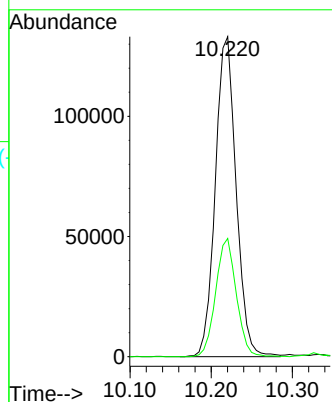
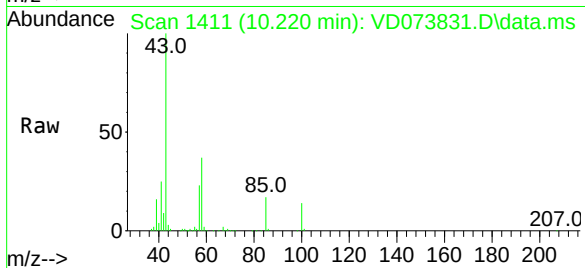
VSTDCCC050

Tgt Ion: 43 Resp: 237070

Ion Ratio Lower Upper

43 100

58 36.7 29.3 43.9



#52

Toluene

Concen: 48.200 ug/l

RT: 10.391 min Scan# 1440

Delta R.T. 0.000 min

Lab File: VD073831.D

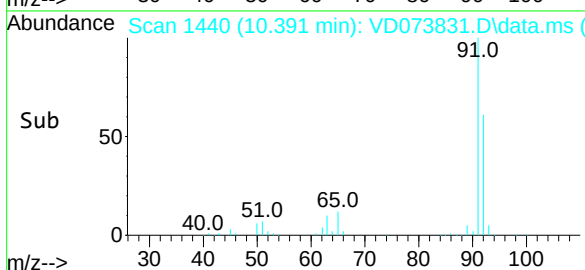
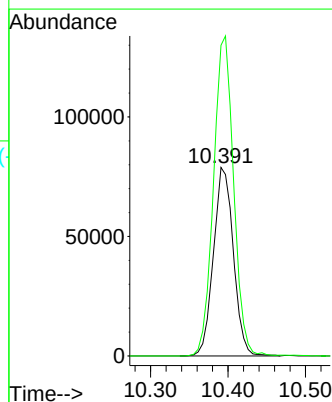
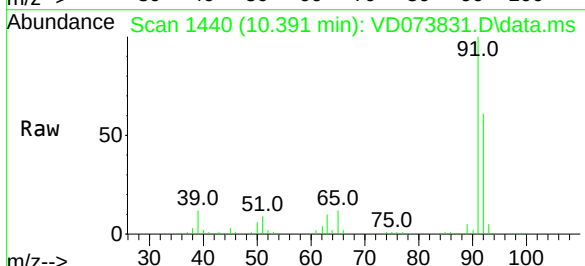
Acq: 12 Jul 2022 10:22

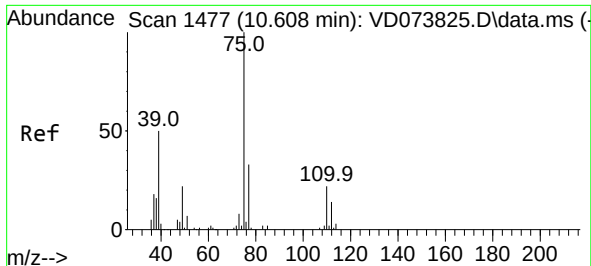
Tgt Ion: 92 Resp: 140859

Ion Ratio Lower Upper

92 100

91 171.4 138.4 207.6

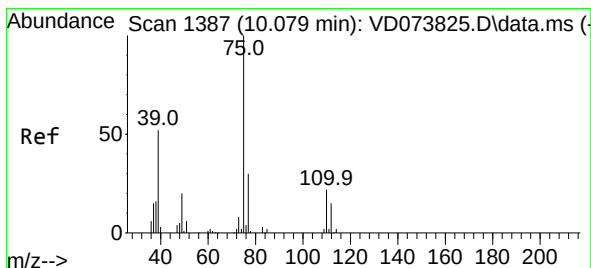
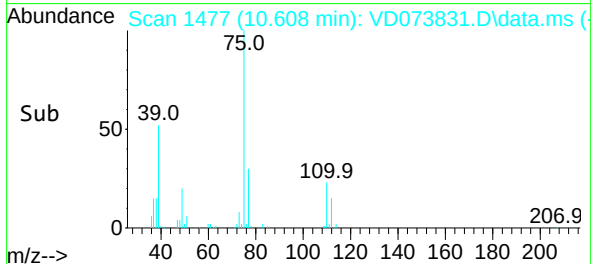
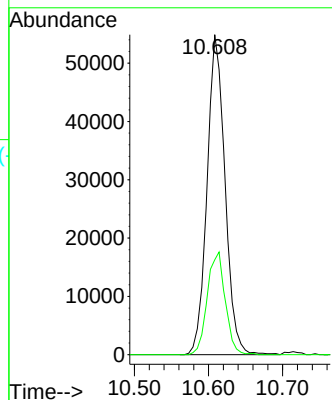
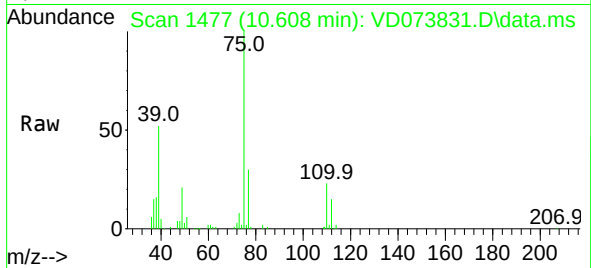




#53
t-1,3-Dichloropropene
Concen: 50.824 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

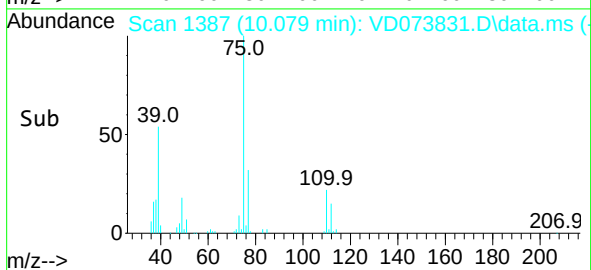
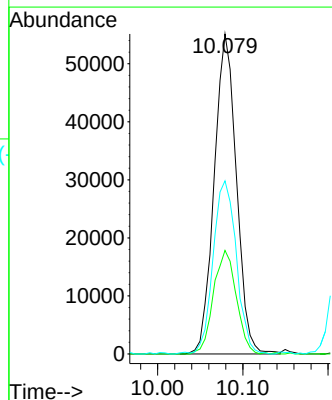
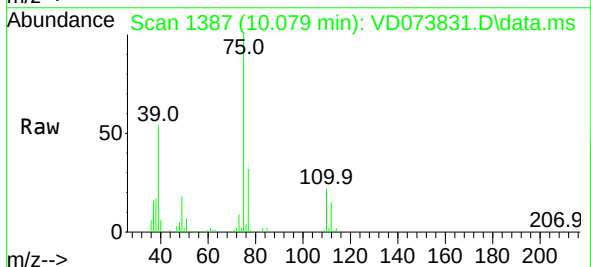
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

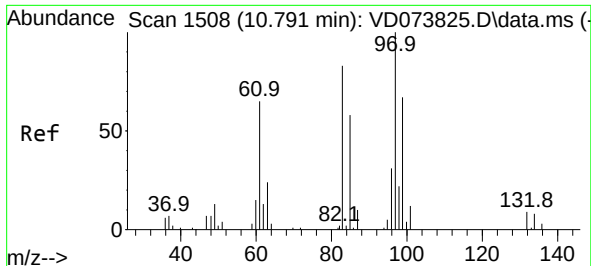
Tgt Ion: 75 Resp: 92572
Ion Ratio Lower Upper
75 100
77 29.6 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 49.615 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion: 75 Resp: 99907
Ion Ratio Lower Upper
75 100
77 32.4 24.2 36.4
39 53.8 41.4 62.2

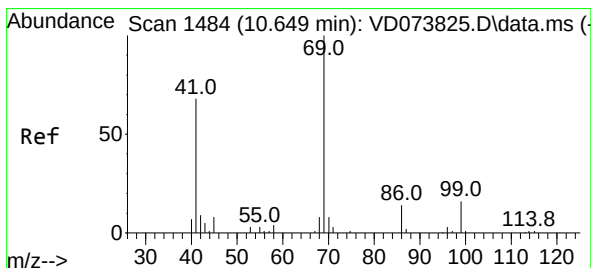
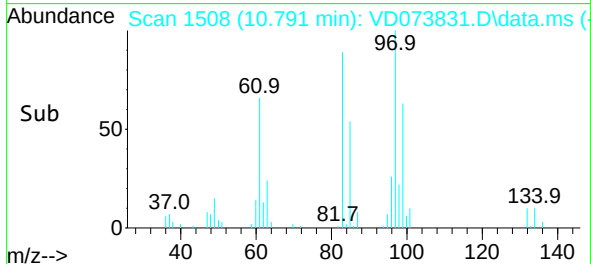
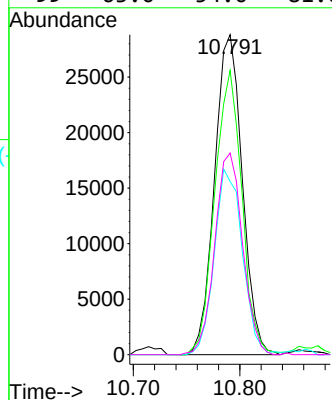
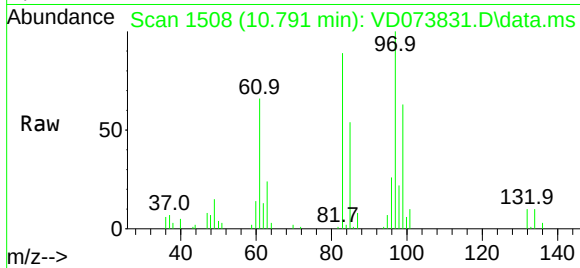




#55
1,1,2-Trichloroethane
Concen: 49.428 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

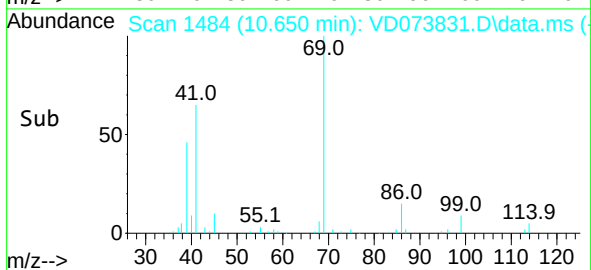
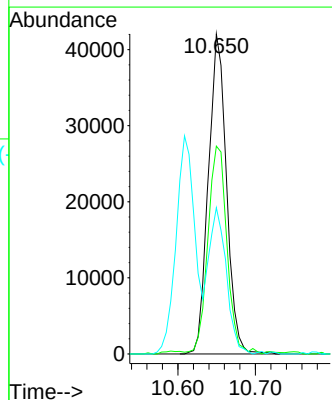
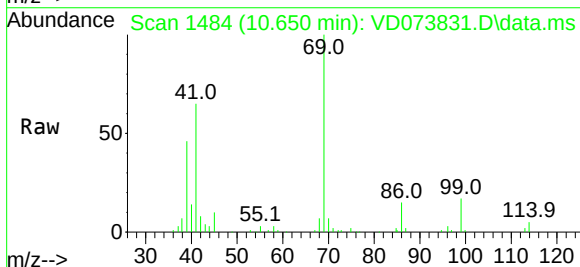
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

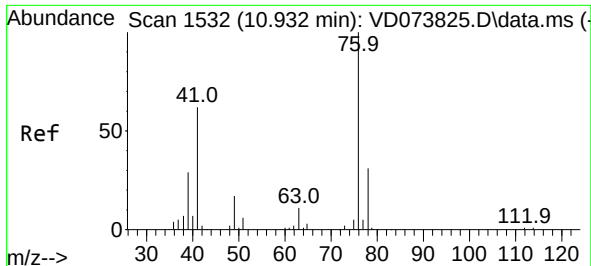
Tgt Ion:	97	Resp:	52123
Ion	Ratio	Lower	Upper
97	100		
83	88.9	66.8	100.2
85	54.1	46.6	69.8
99	63.0	54.0	81.0



#56
Ethyl methacrylate
Concen: 53.623 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion:	69	Resp:	68414
Ion	Ratio	Lower	Upper
69	100		
41	68.6	55.3	82.9
39	44.4	35.9	53.9





#57

1,3-Dichloropropane

Concen: 49.120 ug/l

RT: 10.932 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

Instrument :

MSVOA_D

ClientSampleId :

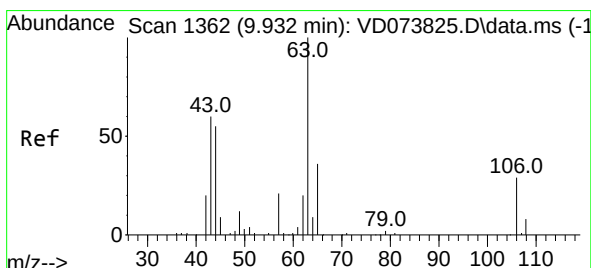
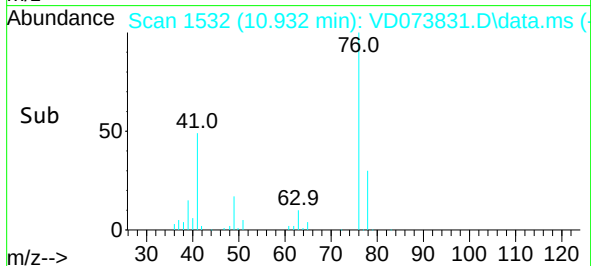
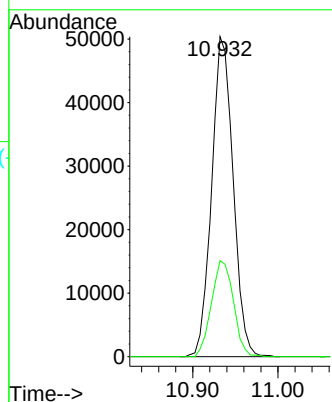
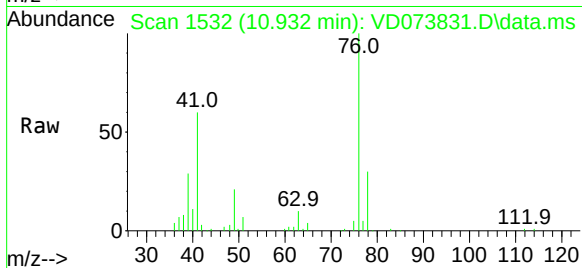
VSTDCCC050

Tgt Ion: 76 Resp: 88012

Ion Ratio Lower Upper

76 100

78 30.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 225.459 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073831.D

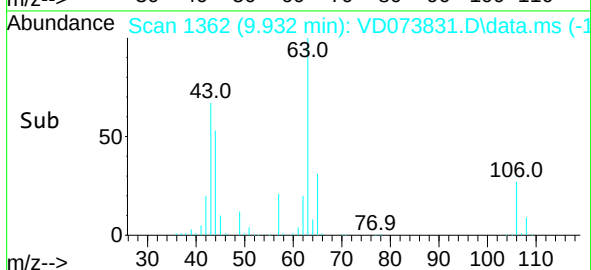
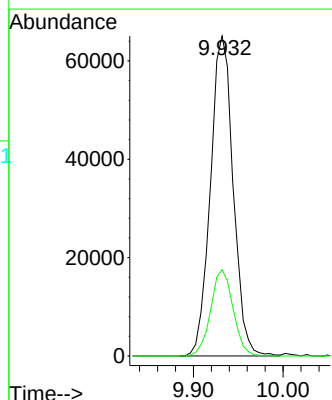
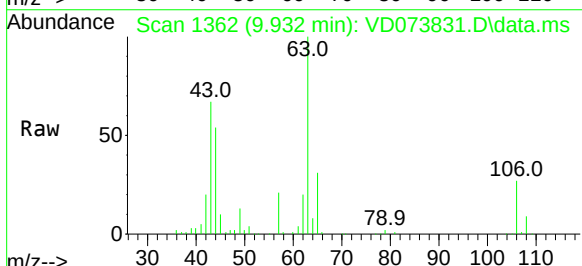
Acq: 12 Jul 2022 10:22

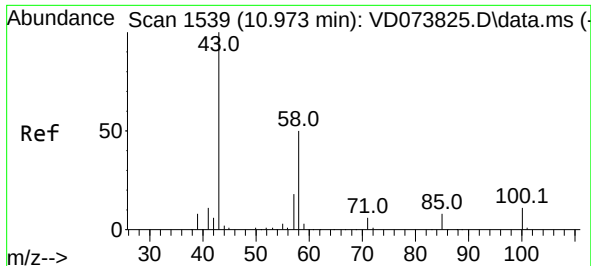
Tgt Ion: 63 Resp: 114580

Ion Ratio Lower Upper

63 100

106 26.5 21.3 31.9

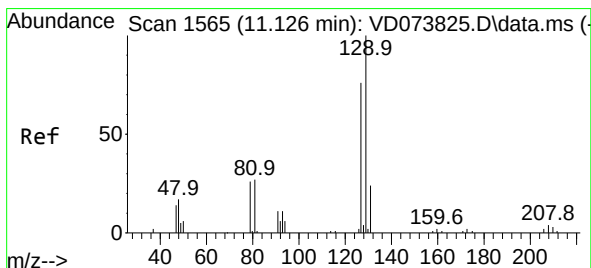
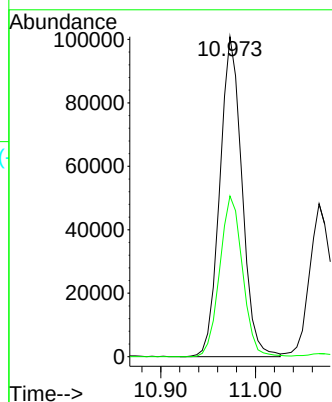
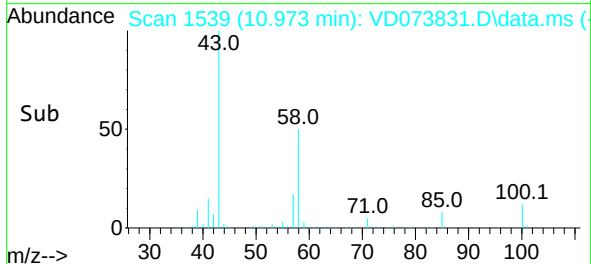
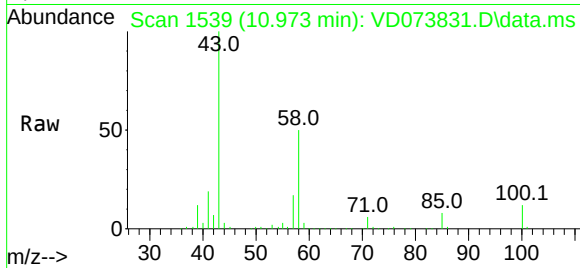




#59
2-Hexanone
Concen: 257.314 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

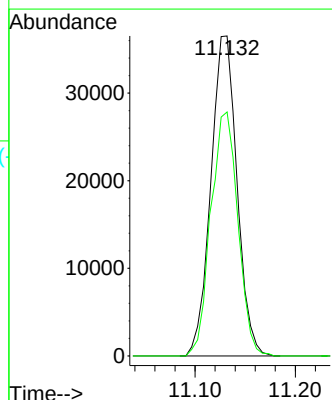
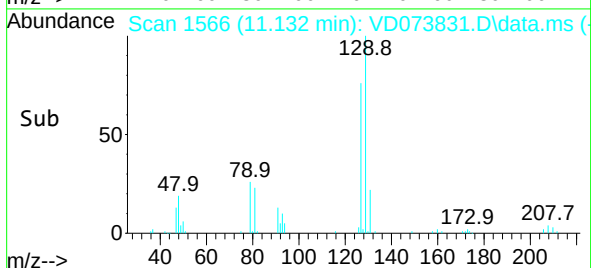
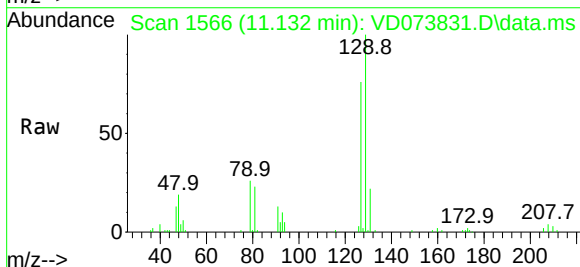
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

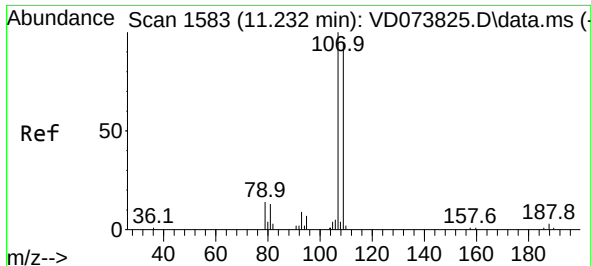
Tgt Ion: 43 Resp: 164290
Ion Ratio Lower Upper
43 100
58 51.6 25.3 75.9



#60
Dibromochloromethane
Concen: 50.660 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion: 129 Resp: 66264
Ion Ratio Lower Upper
129 100
127 78.8 38.7 116.1

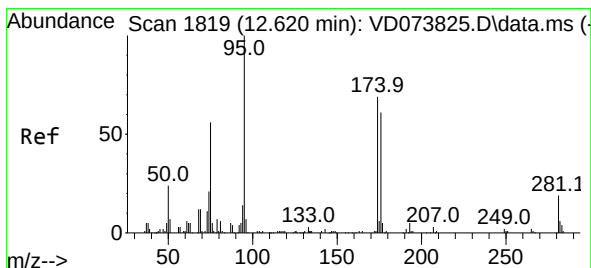
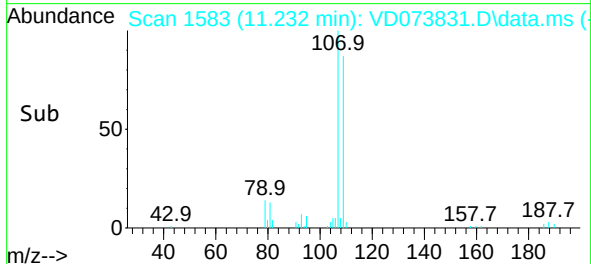
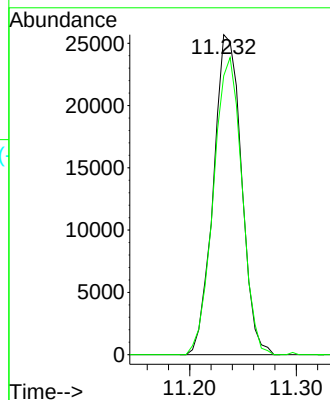
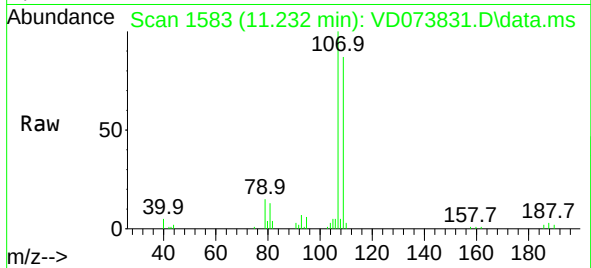




#61
1,2-Dibromoethane
Concen: 49.490 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

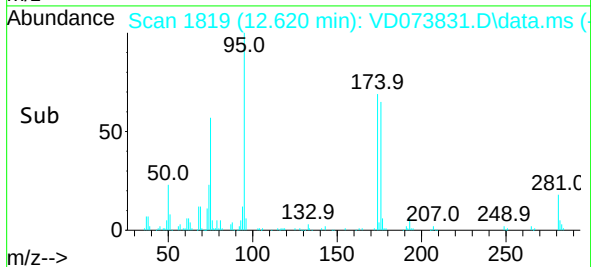
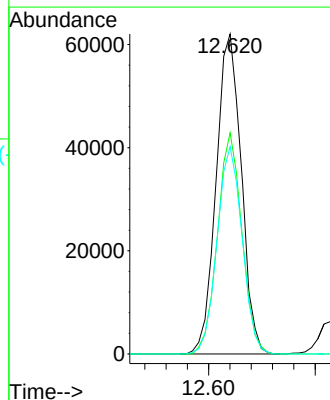
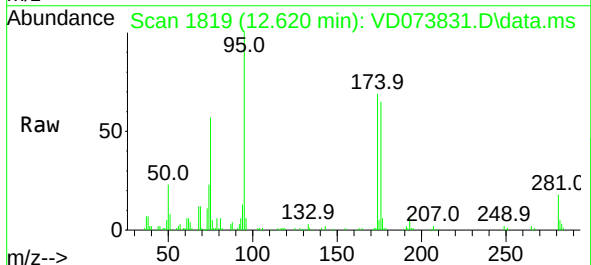
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

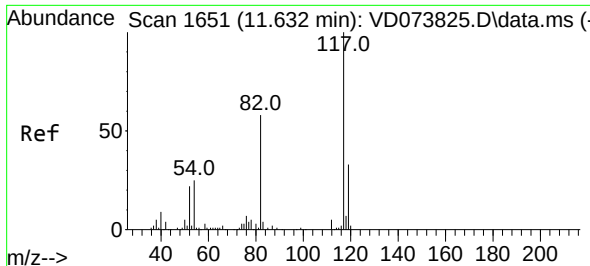
Tgt Ion:107 Resp: 46879
Ion Ratio Lower Upper
107 100
109 94.3 73.2 109.8



#62
4-Bromofluorobenzene
Concen: 47.527 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion: 95 Resp: 101451
Ion Ratio Lower Upper
95 100
174 67.1 0.0 131.8
176 64.4 0.0 124.2

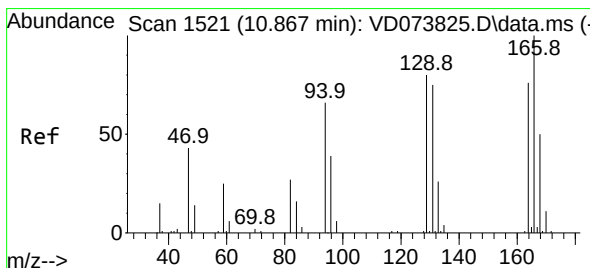
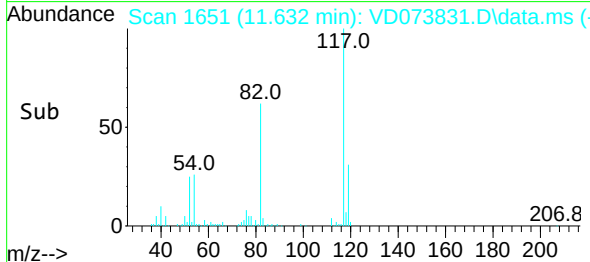
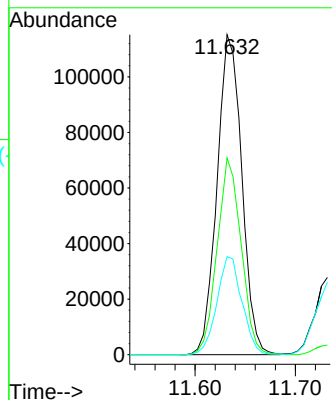
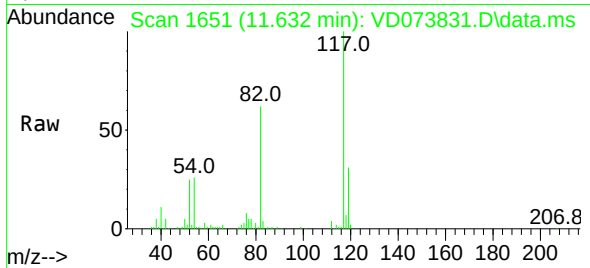




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

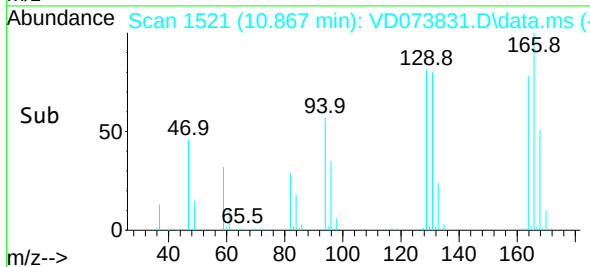
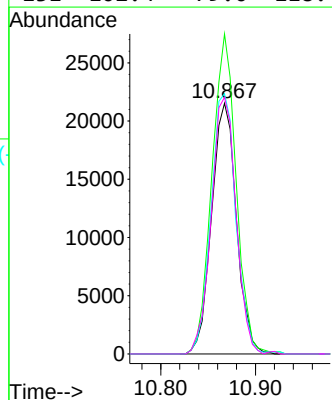
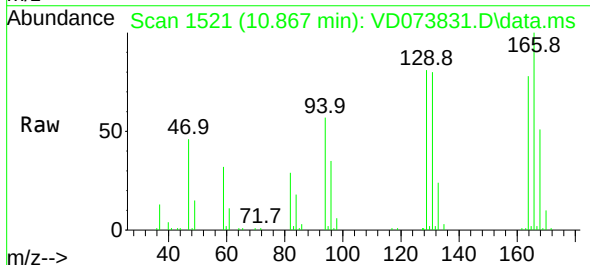
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

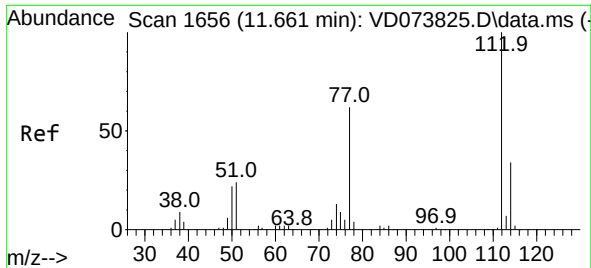
Tgt Ion:117 Resp: 197596
Ion Ratio Lower Upper
117 100
82 61.5 46.6 69.8
119 30.6 26.1 39.1



#64
Tetrachloroethene
Concen: 45.914 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion:164 Resp: 39066
Ion Ratio Lower Upper
164 100
166 127.6 105.0 157.6
129 103.8 83.8 125.8
131 102.4 79.0 118.4

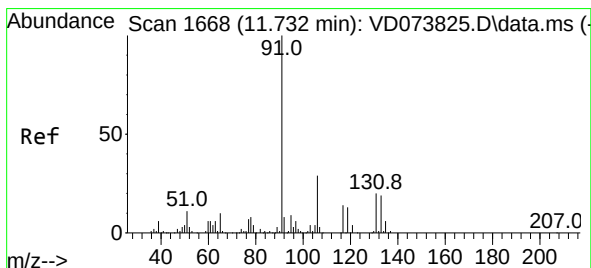
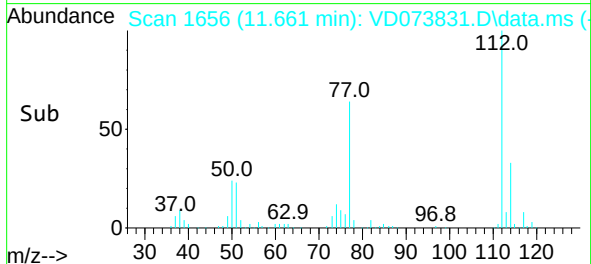
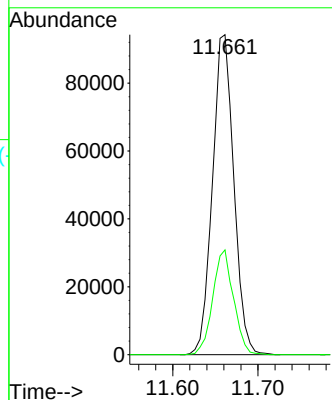
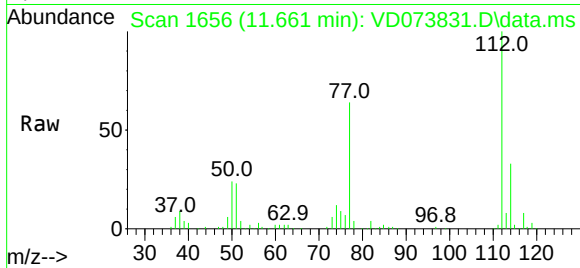




#65
Chlorobenzene
Concen: 50.420 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

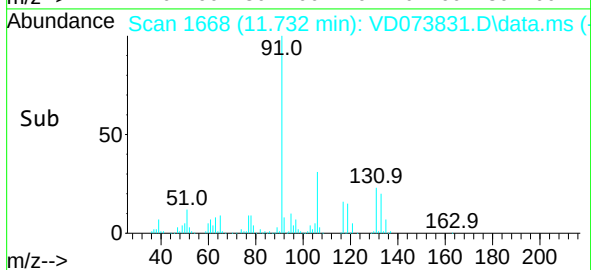
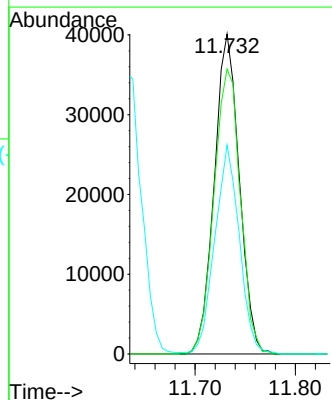
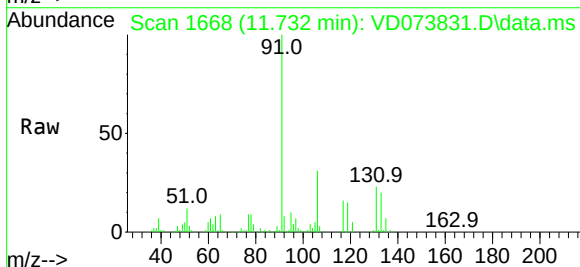
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

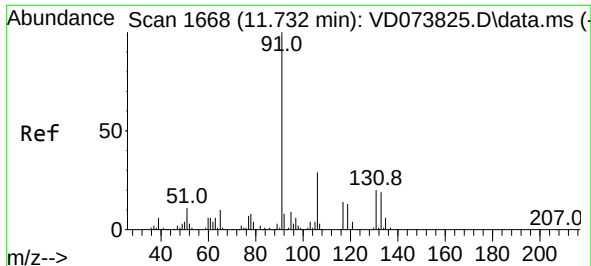
Tgt Ion:112 Resp: 164708
Ion Ratio Lower Upper
112 100
114 32.7 27.1 40.7



#66
1,1,1,2-Tetrachloroethane
Concen: 53.607 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion:131 Resp: 69533
Ion Ratio Lower Upper
131 100
133 93.9 47.0 141.0
119 64.2 32.6 98.0

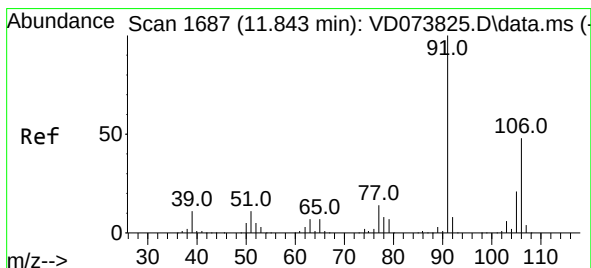
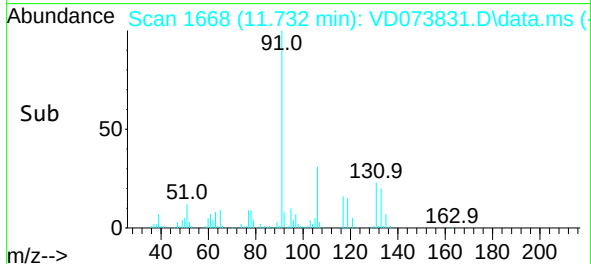
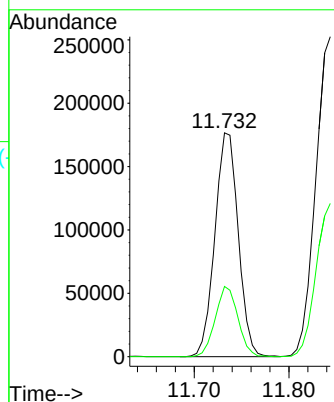
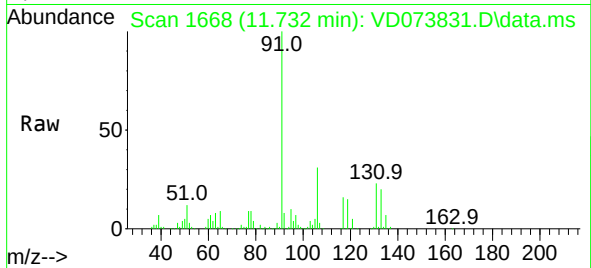




#67
Ethyl Benzene
Concen: 49.709 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

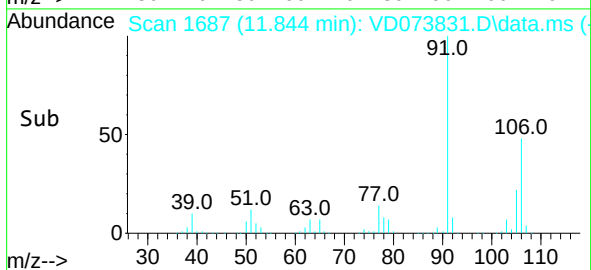
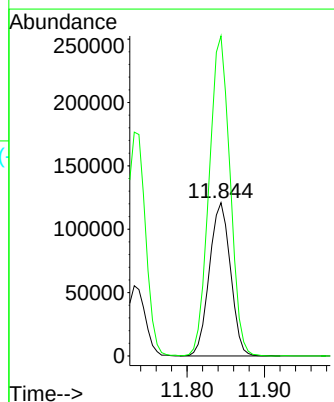
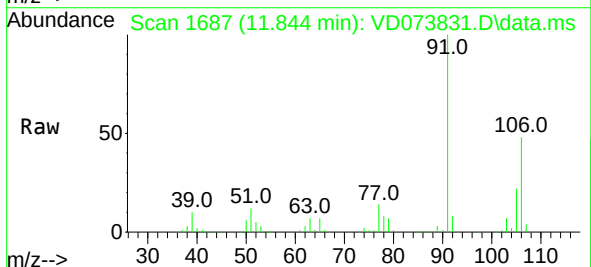
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

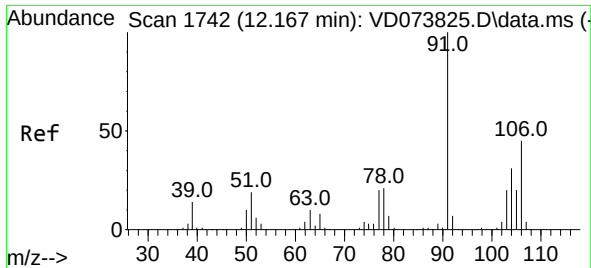
Tgt Ion: 91 Resp: 302970
Ion Ratio Lower Upper
91 100
106 31.4 23.2 34.8



#68
m/p-Xylenes
Concen: 102.237 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion:106 Resp: 228522
Ion Ratio Lower Upper
106 100
91 207.4 167.0 250.4

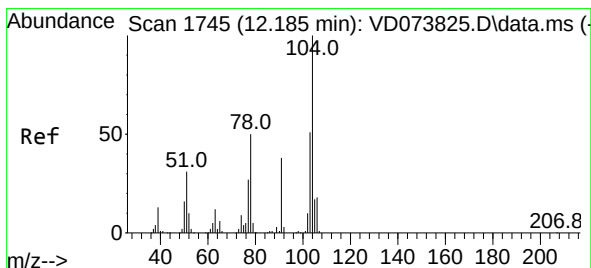
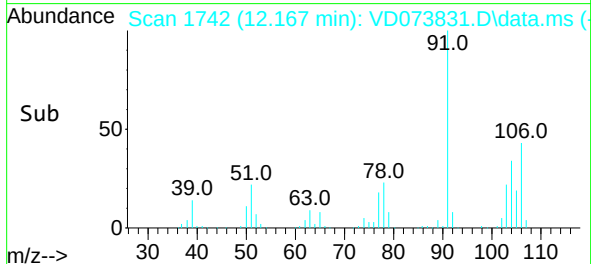
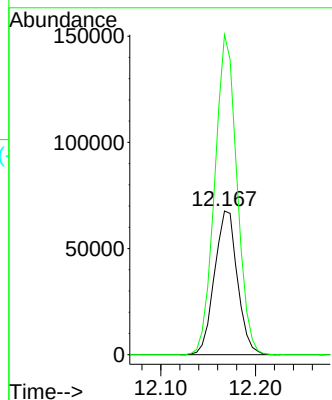
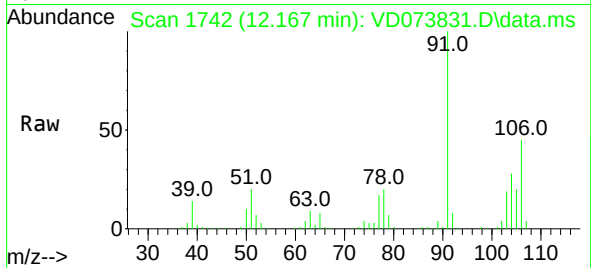




#69
o-Xylene
Concen: 51.383 ug/l
RT: 12.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

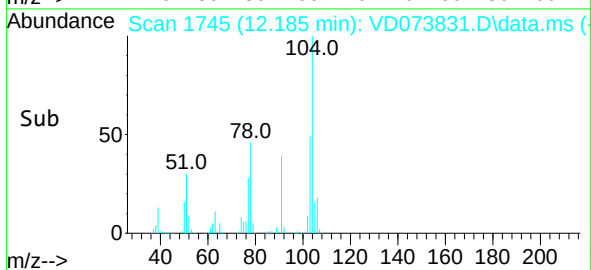
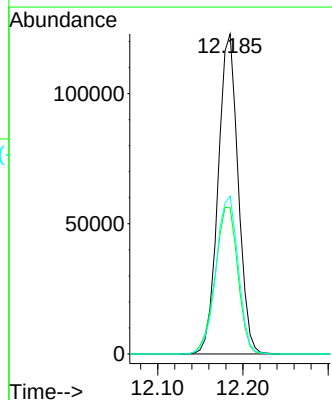
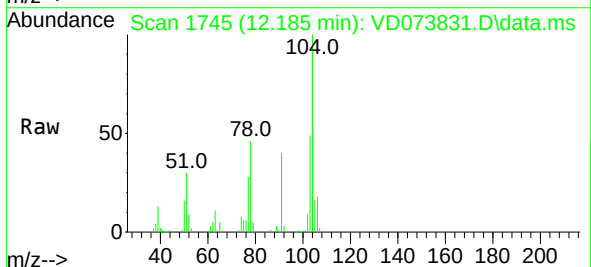
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

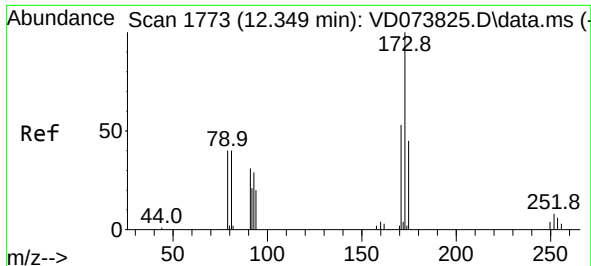
Tgt Ion:106 Resp: 113868
Ion Ratio Lower Upper
106 100
91 215.9 110.4 331.2



#70
Styrene
Concen: 52.353 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion:104 Resp: 200886
Ion Ratio Lower Upper
104 100
78 52.1 42.8 64.2
103 54.6 44.5 66.7

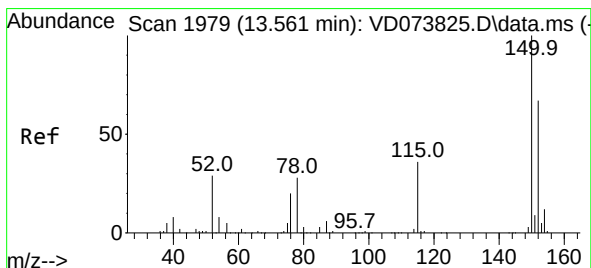
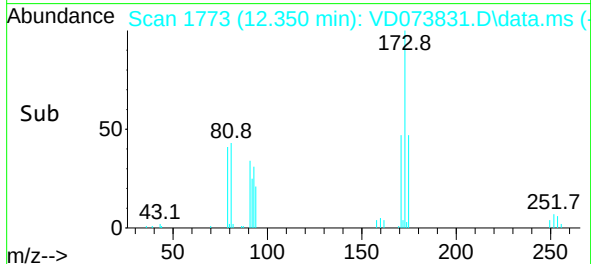
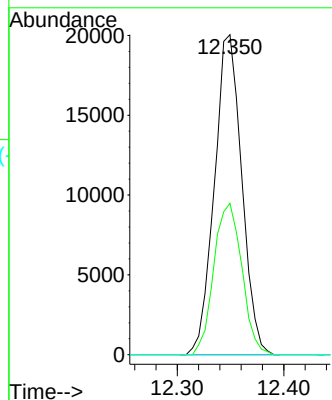
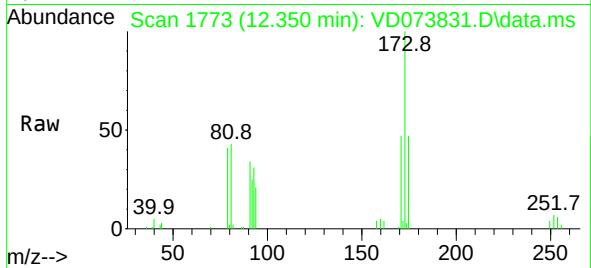




#71
Bromoform
Concen: 53.104 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

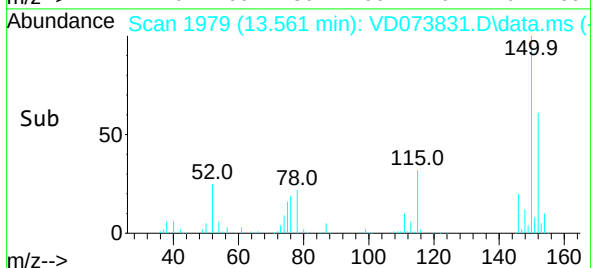
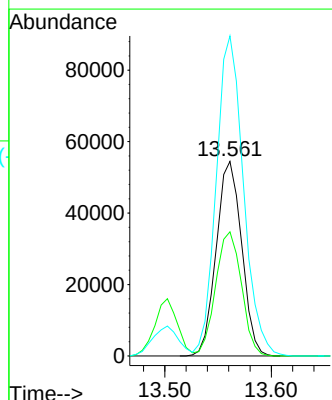
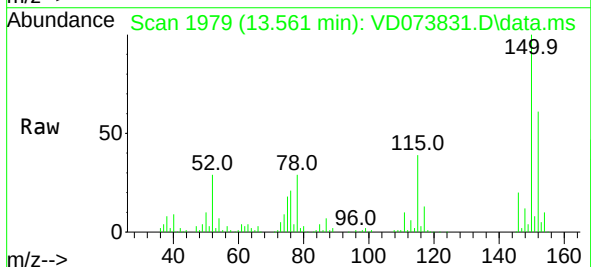
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

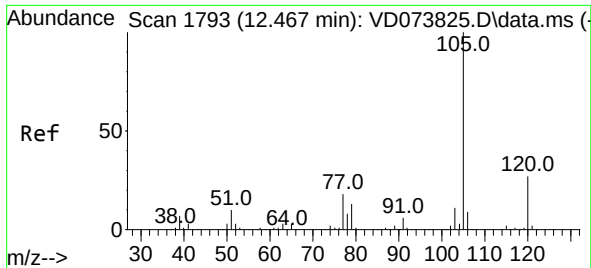
Tgt Ion:173 Resp: 35728
Ion Ratio Lower Upper
173 100
175 48.4 23.4 70.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion:152 Resp: 90347
Ion Ratio Lower Upper
152 100
115 64.9 33.5 100.5
150 176.0 0.0 343.2

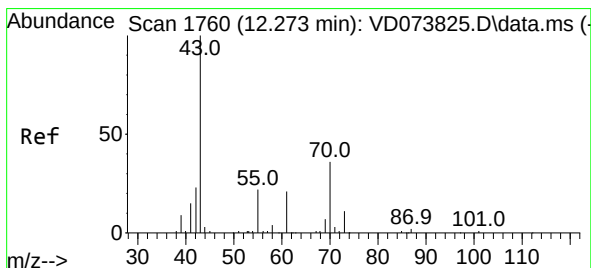
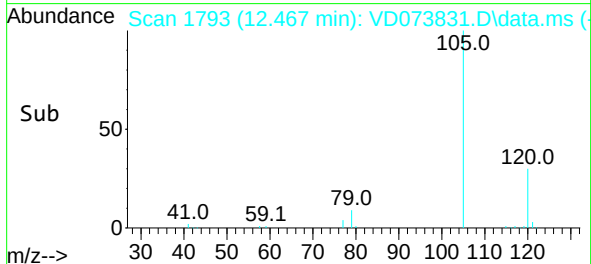
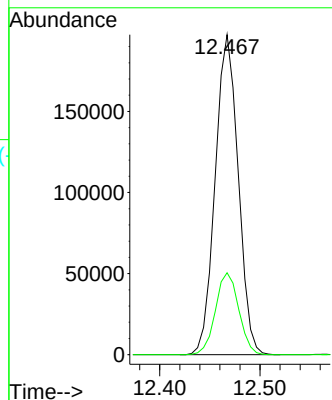
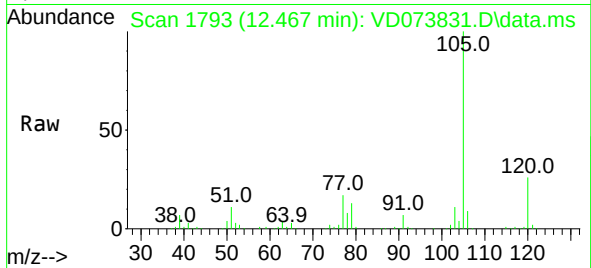




#73
Isopropylbenzene
Concen: 50.938 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

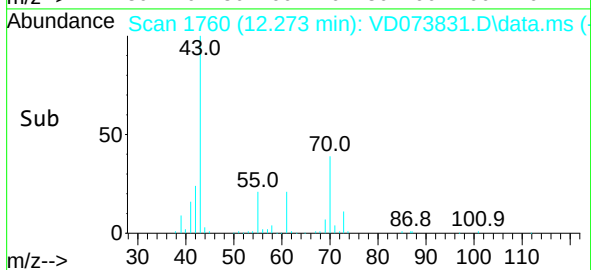
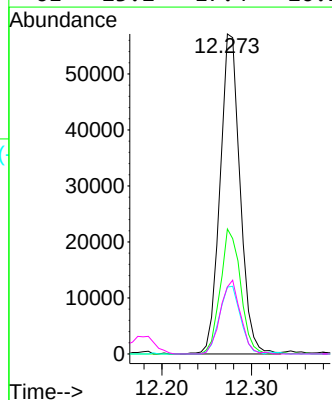
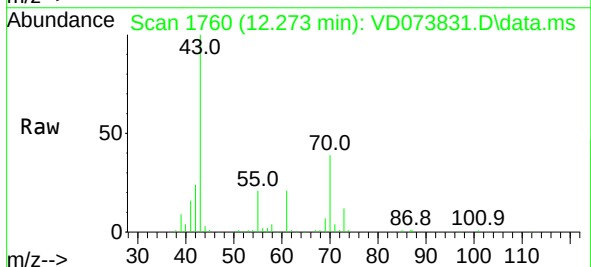
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

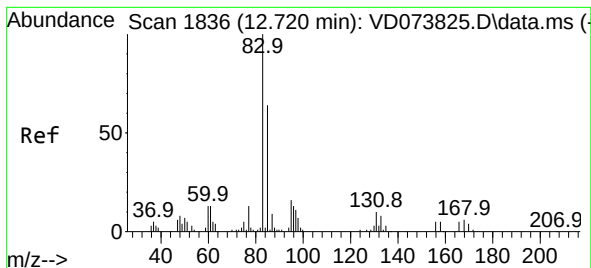
Tgt Ion:105 Resp: 314508
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.5



#74
N-ethyl acetate
Concen: 52.179 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion: 43 Resp: 88401
Ion Ratio Lower Upper
43 100
70 39.4 30.0 45.0
55 22.3 17.4 26.0
61 23.2 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.691 ug/l

RT: 12.720 min Scan# 1836

Delta R.T. 0.000 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

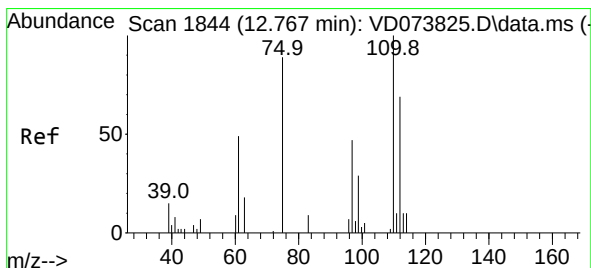
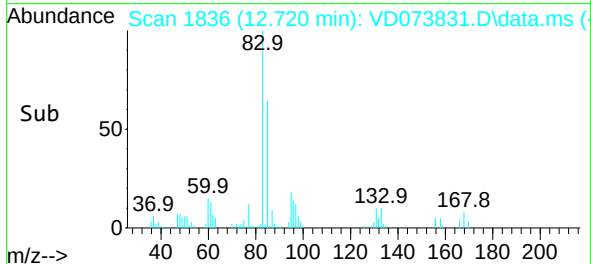
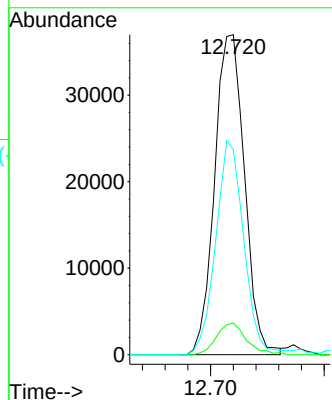
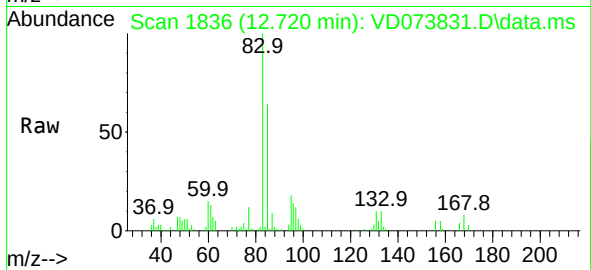
Tgt Ion: 83 Resp: 67650

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

85 63.7 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 86.326 ug/l

RT: 12.767 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VD073831.D

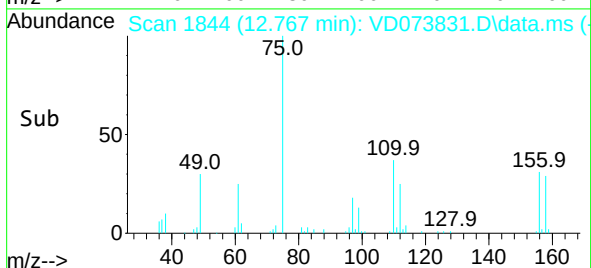
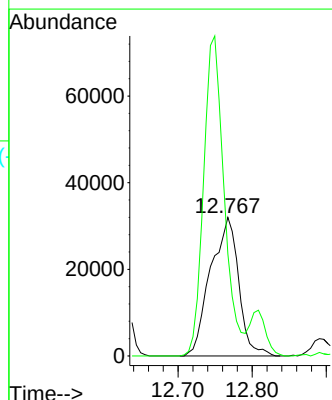
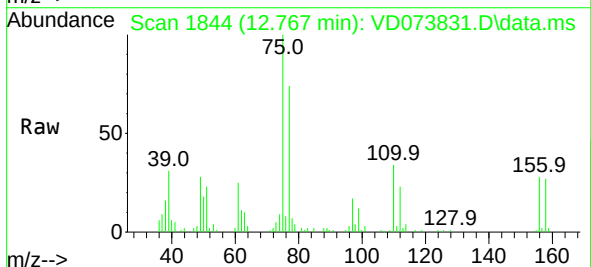
Acq: 12 Jul 2022 10:22

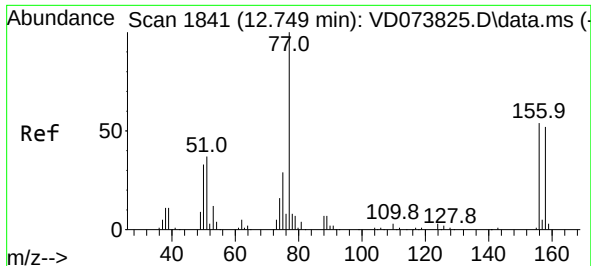
Tgt Ion: 75 Resp: 84375

Ion Ratio Lower Upper

75 100

77 169.3 138.0 414.0

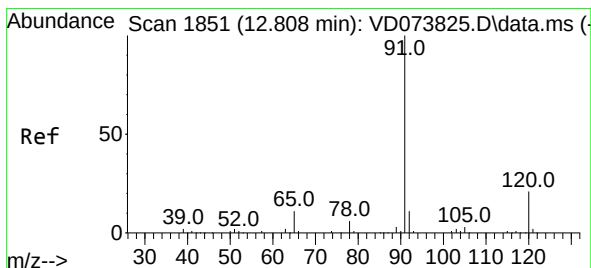
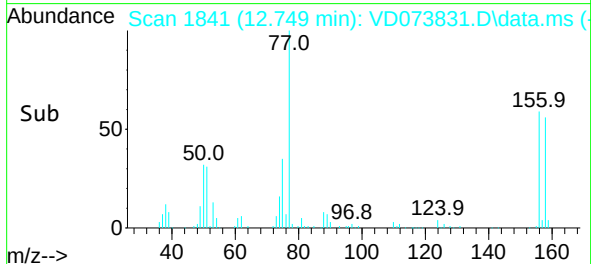
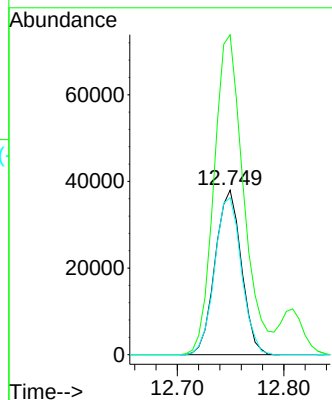
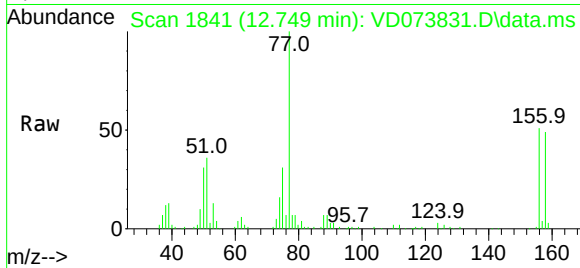




#77
Bromobenzene
Concen: 50.227 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

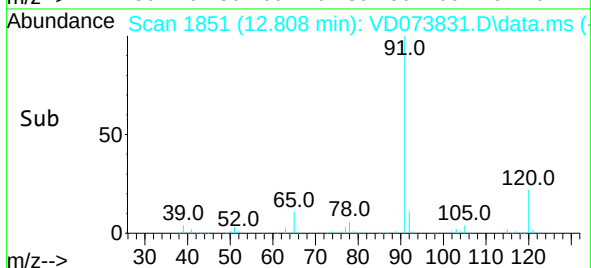
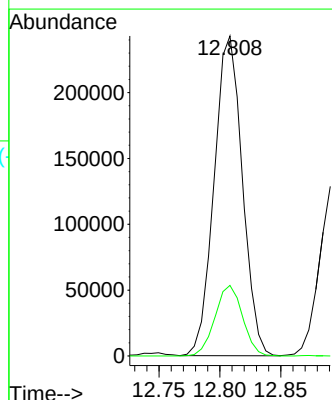
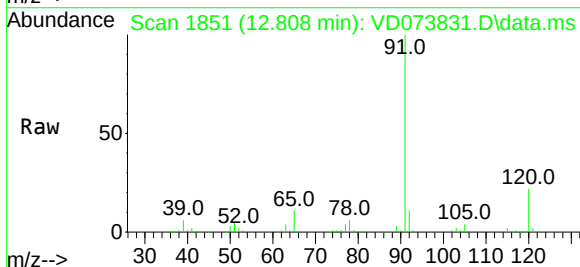
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

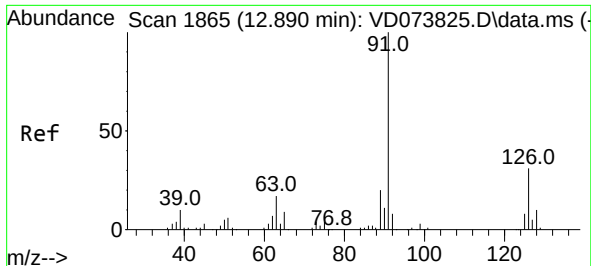
Tgt Ion:156 Resp: 64989
Ion Ratio Lower Upper
156 100
77 219.8 110.1 330.3
158 97.5 48.3 144.9



#78
n-propylbenzene
Concen: 50.232 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion: 91 Resp: 391750
Ion Ratio Lower Upper
91 100
120 21.5 10.5 31.6

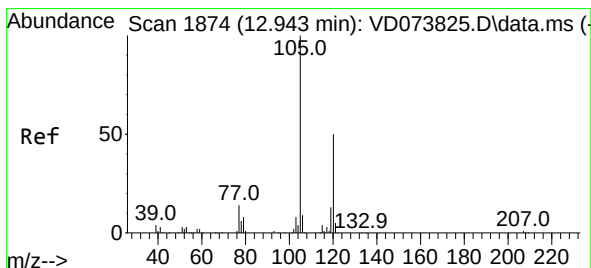
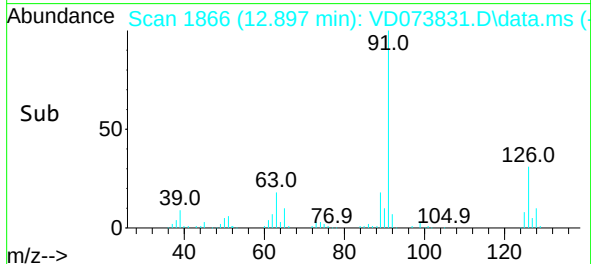
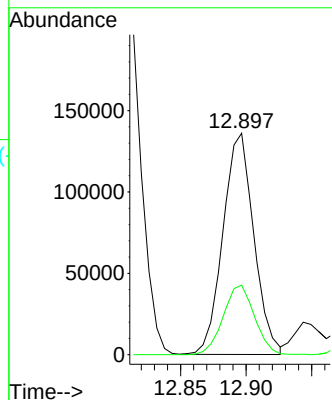
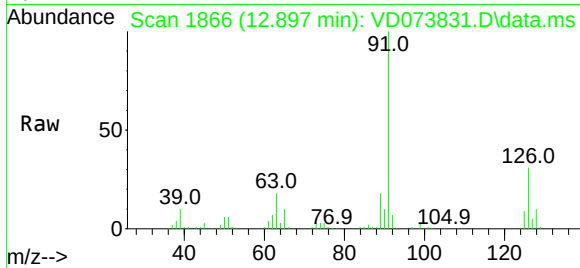




#79
2-Chlorotoluene
Concen: 49.688 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

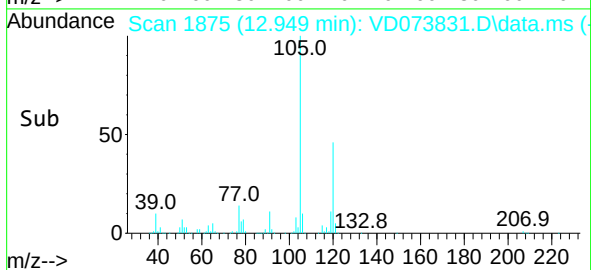
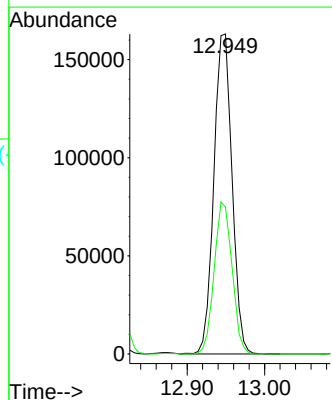
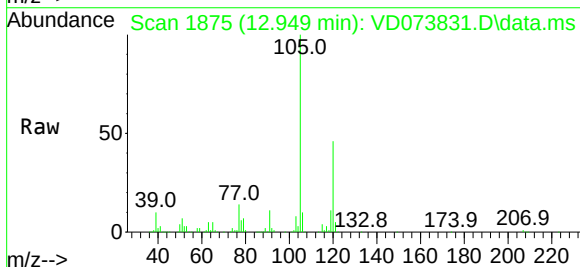
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

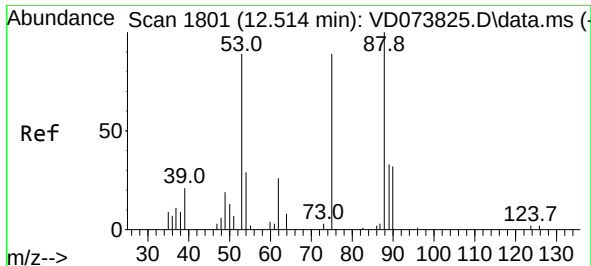
Tgt Ion: 91 Resp: 222864
Ion Ratio Lower Upper
91 100
126 31.9 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 51.861 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion: 105 Resp: 266948
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.4

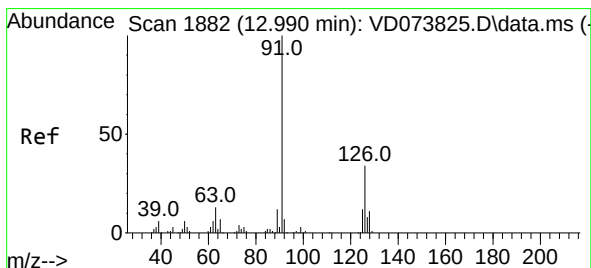
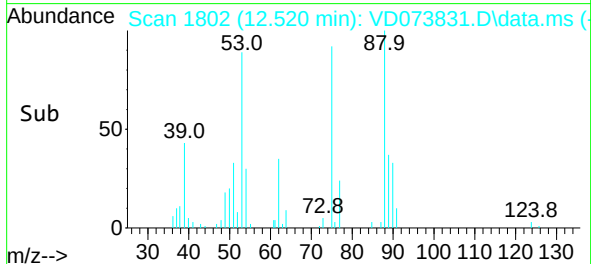
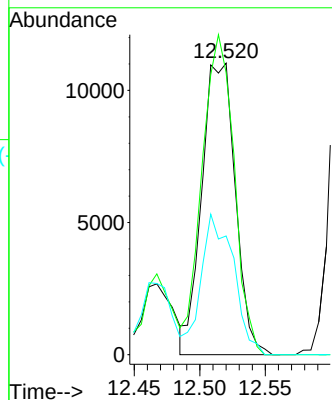
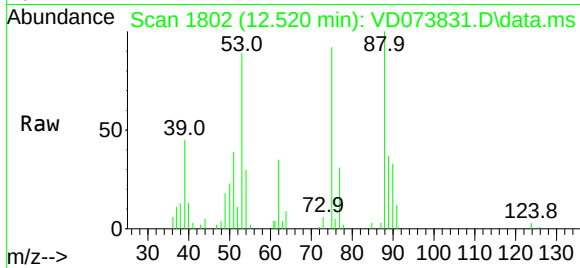




#81
trans-1,4-Dichloro-2-butene
Concen: 52.815 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

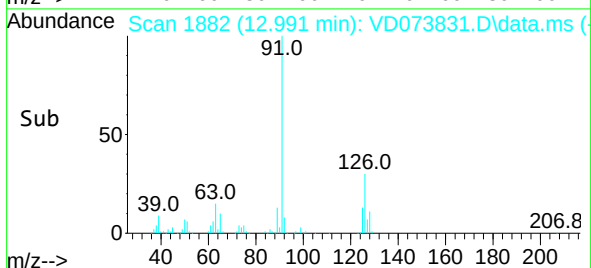
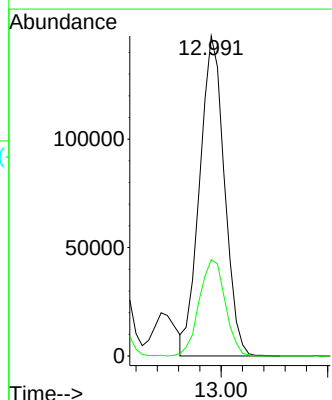
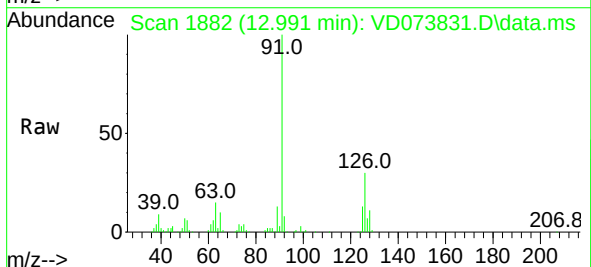
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

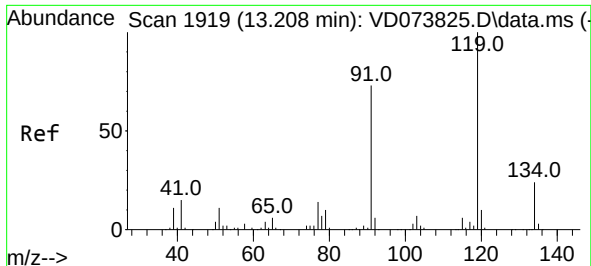
Tgt Ion: 75 Resp: 19642
Ion Ratio Lower Upper
75 100
53 104.8 79.3 118.9
89 46.7 34.8 52.2



#82
4-Chlorotoluene
Concen: 50.684 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion: 91 Resp: 237757
Ion Ratio Lower Upper
91 100
126 31.7 16.2 48.5

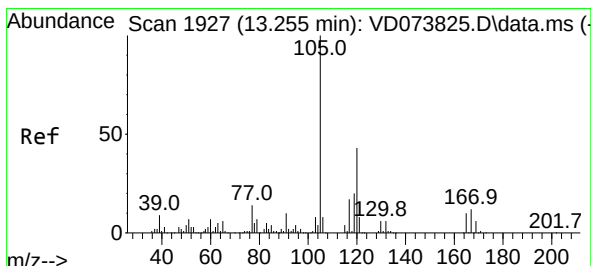
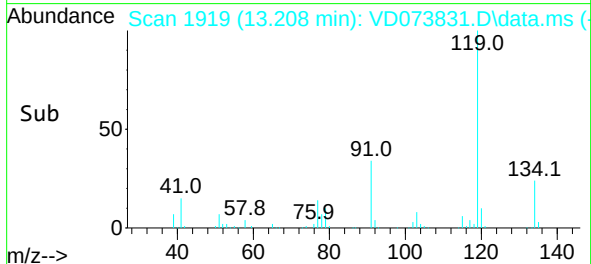
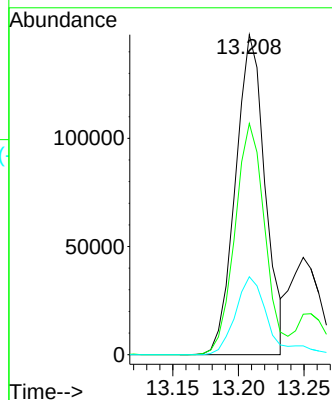
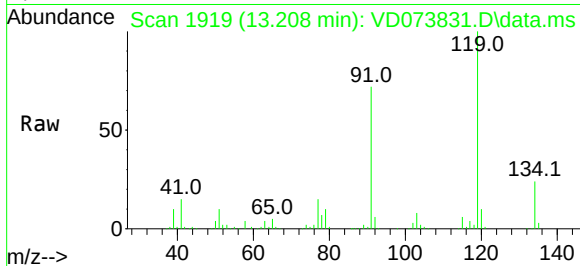




#83
 tert-Butylbenzene
 Concen: 51.460 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD073831.D
 Acq: 12 Jul 2022 10:22

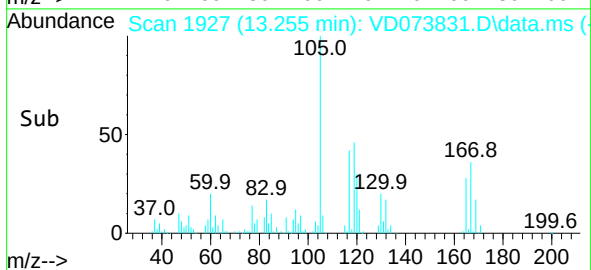
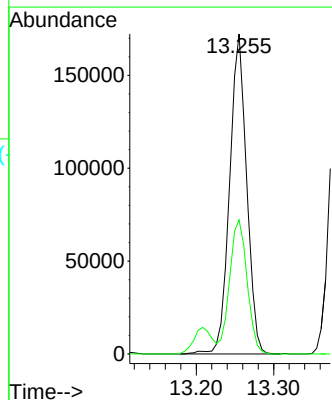
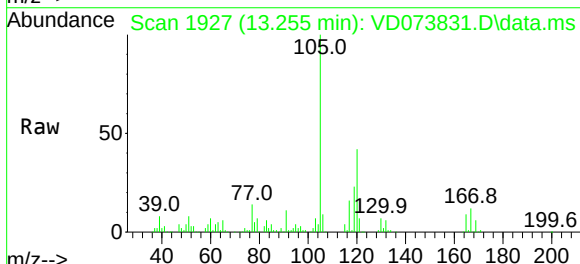
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

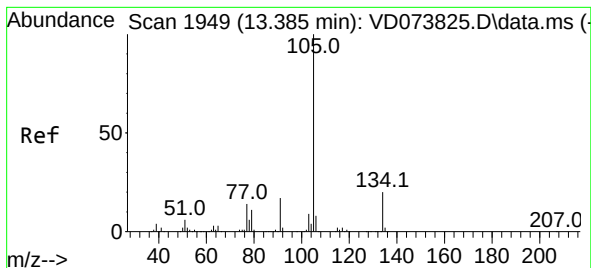
Tgt Ion:119 Resp: 233423
 Ion Ratio Lower Upper
 119 100
 91 72.9 36.0 108.0
 134 26.8 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.039 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD073831.D
 Acq: 12 Jul 2022 10:22

Tgt Ion:105 Resp: 263556
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.9 65.5





#85

sec-Butylbenzene

Concen: 51.621 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

Instrument :

MSVOA_D

ClientSampleId :

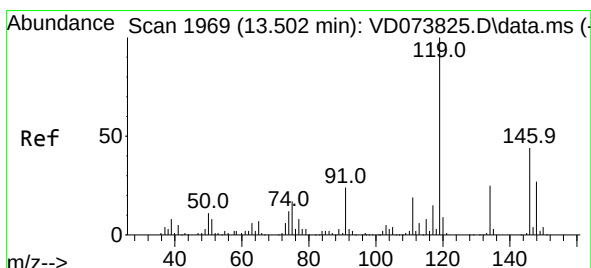
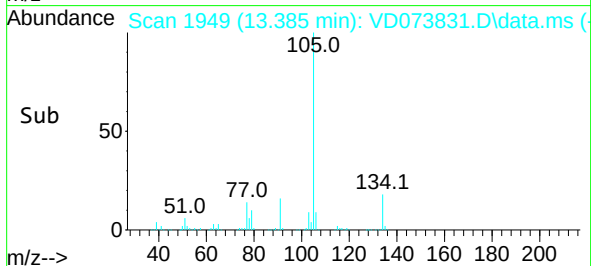
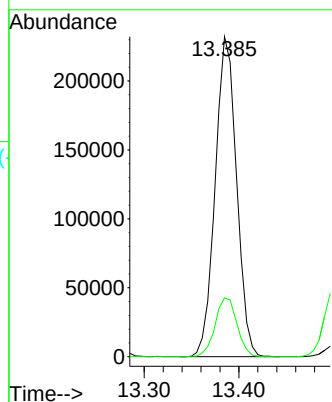
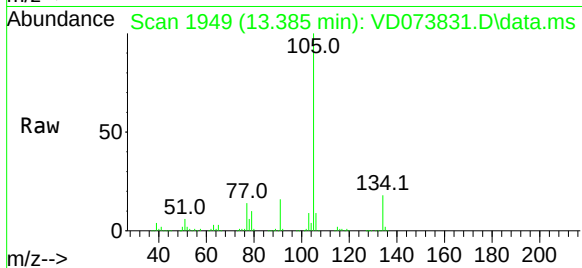
VSTDCCC050

Tgt Ion:105 Resp: 364054

Ion Ratio Lower Upper

105 100

134 18.8 9.8 29.3



#86

p-Isopropyltoluene

Concen: 51.629 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

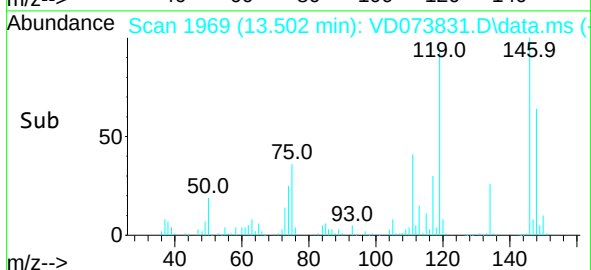
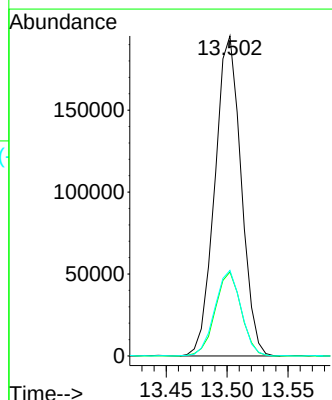
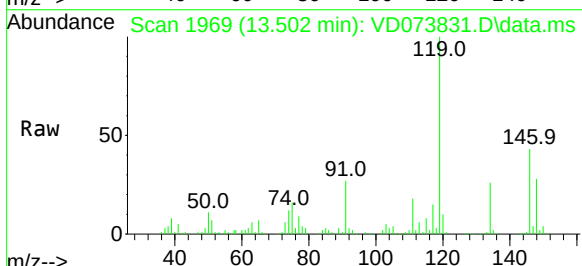
Tgt Ion:119 Resp: 293198

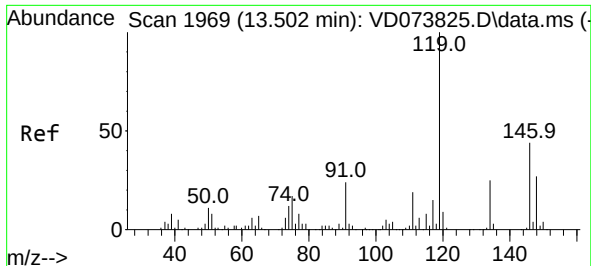
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 26.7 13.0 38.9

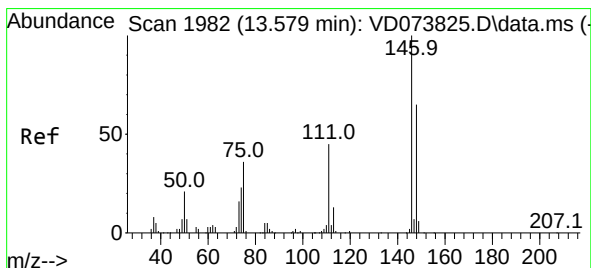
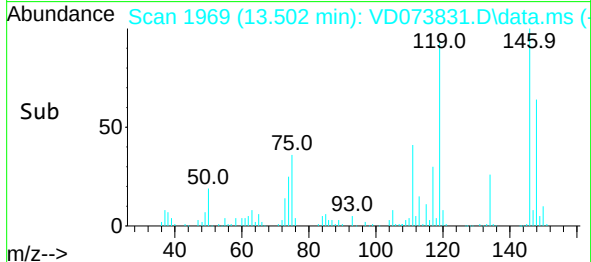
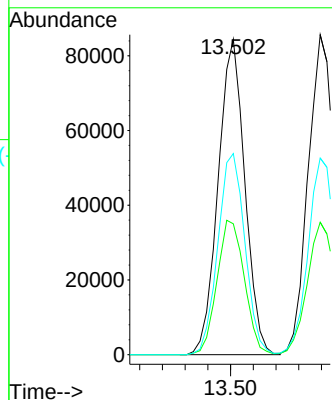
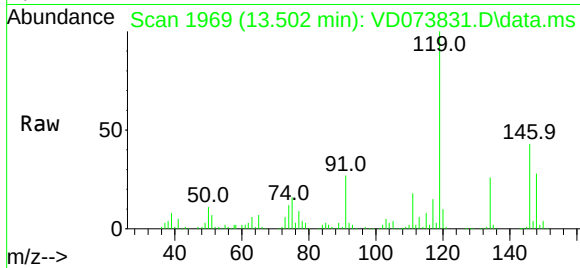




#87
1,3-Dichlorobenzene
Concen: 49.587 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

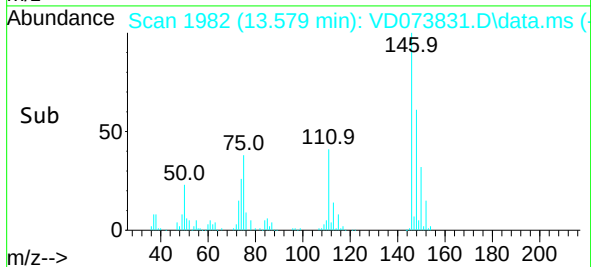
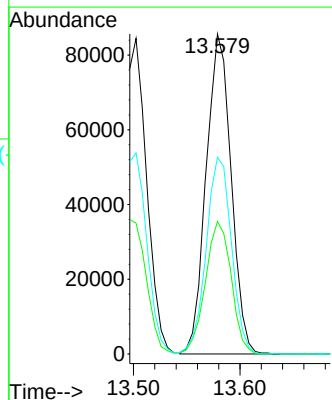
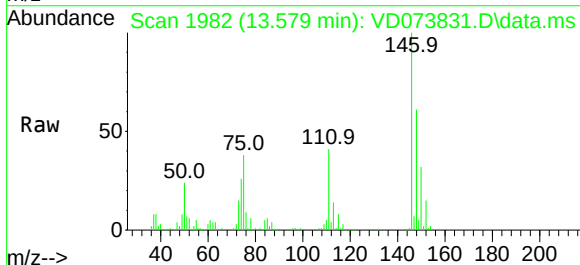
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

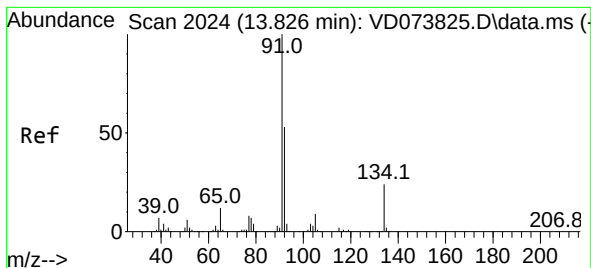
Tgt Ion:146 Resp: 137913
Ion Ratio Lower Upper
146 100
111 43.7 21.8 65.4
148 64.6 31.6 94.8



#88
1,4-Dichlorobenzene
Concen: 51.300 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion:146 Resp: 139717
Ion Ratio Lower Upper
146 100
111 42.8 21.9 65.7
148 62.4 32.4 97.0





#89

n-Butylbenzene

Concen: 51.437 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

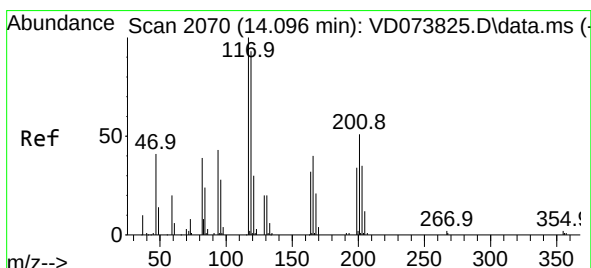
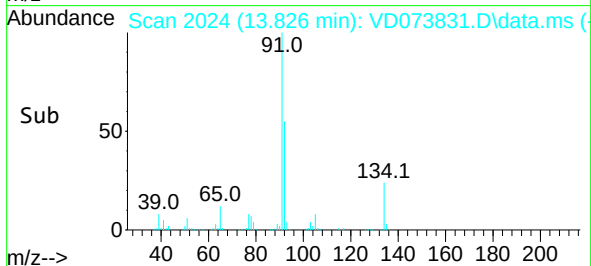
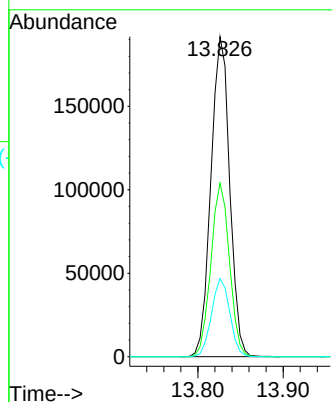
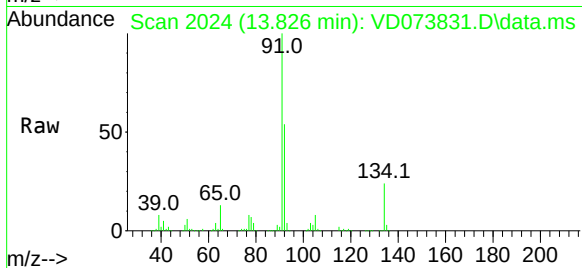
Tgt Ion: 91 Resp: 293116

Ion Ratio Lower Upper

91 100

92 53.6 26.7 80.1

134 23.7 11.6 34.7



#90

Hexachloroethane

Concen: 52.618 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073831.D

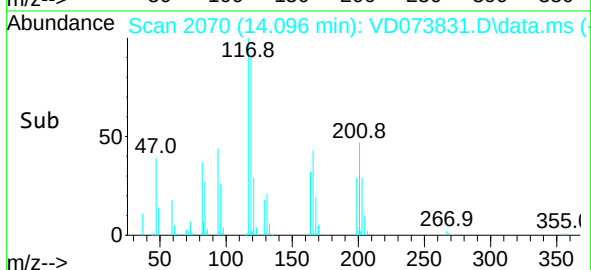
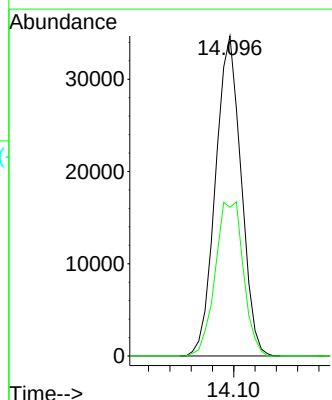
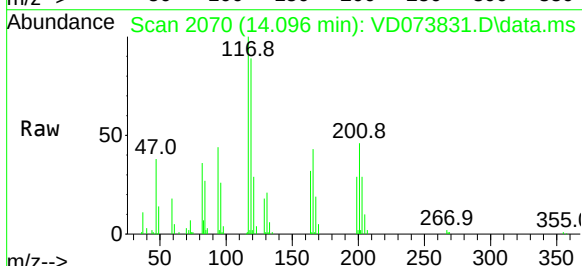
Acq: 12 Jul 2022 10:22

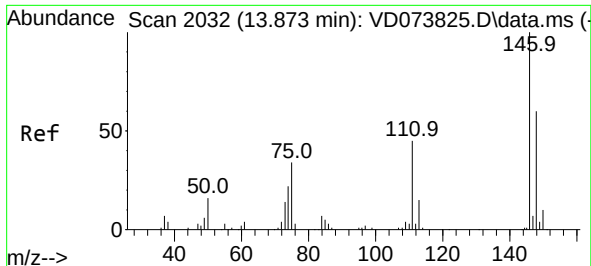
Tgt Ion: 117 Resp: 57847

Ion Ratio Lower Upper

117 100

201 52.9 26.7 80.0





#91

1,2-Dichlorobenzene

Concen: 50.614 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

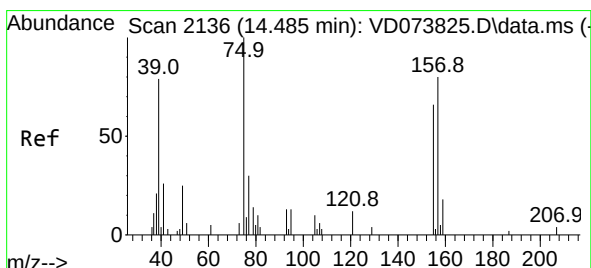
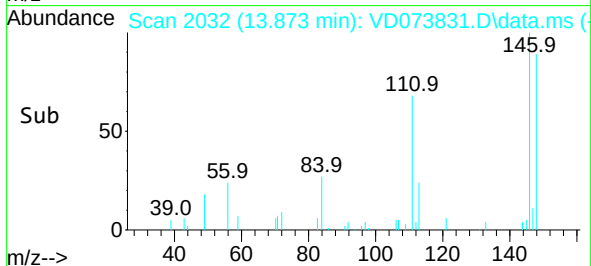
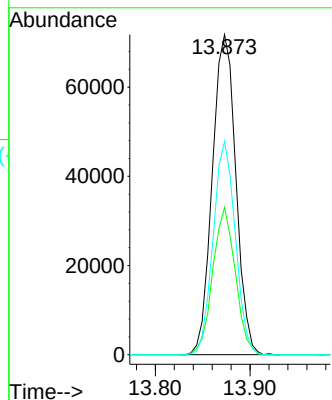
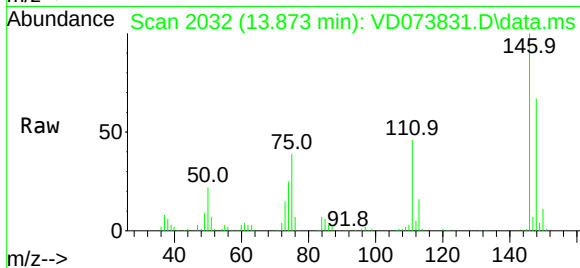
Tgt Ion:146 Resp: 123973

Ion Ratio Lower Upper

146 100

111 44.2 22.8 68.4

148 62.9 30.6 91.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.044 ug/l

RT: 14.485 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VD073831.D

Acq: 12 Jul 2022 10:22

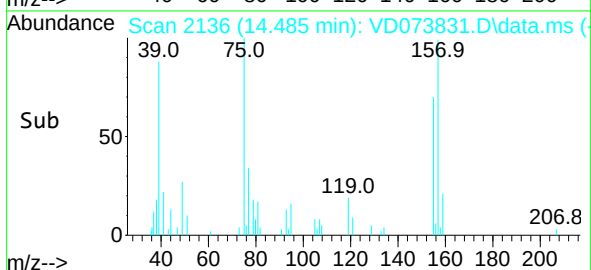
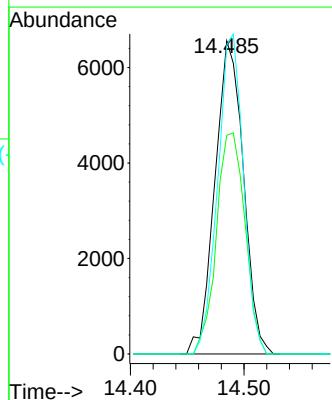
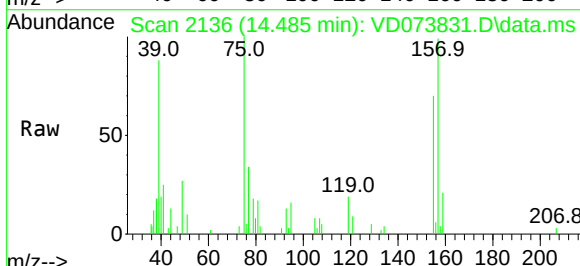
Tgt Ion: 75 Resp: 11418

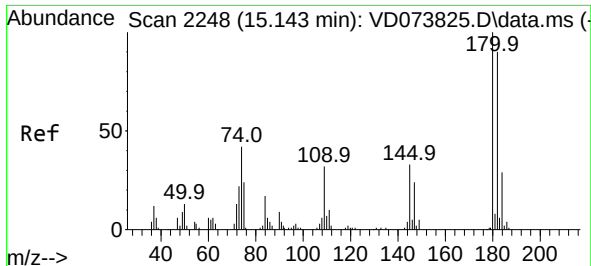
Ion Ratio Lower Upper

75 100

155 70.9 35.7 107.1

157 92.2 46.7 140.1

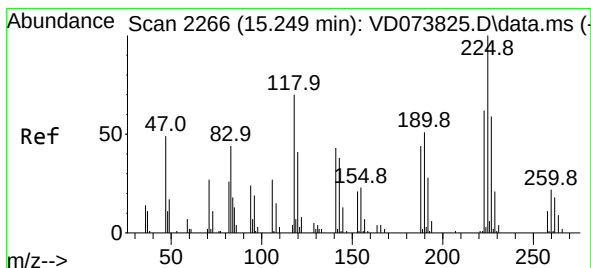
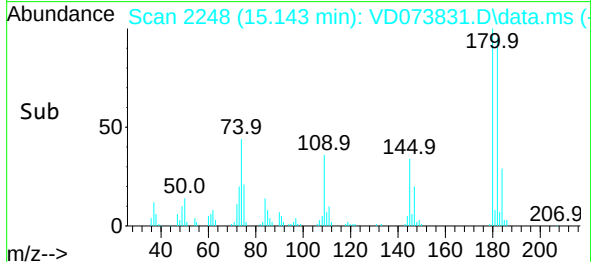
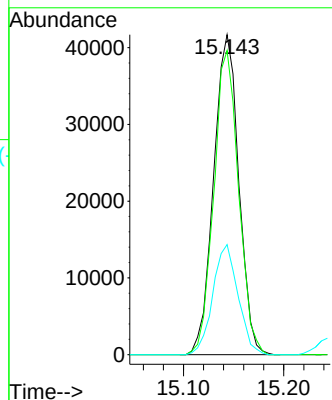
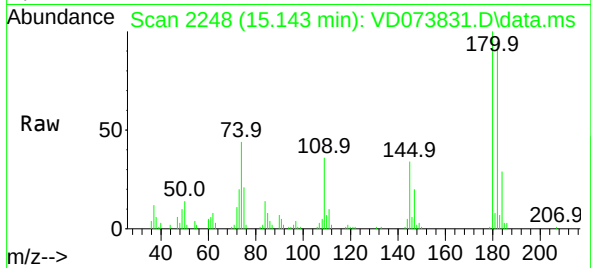




#93
1,2,4-Trichlorobenzene
Concen: 52.021 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

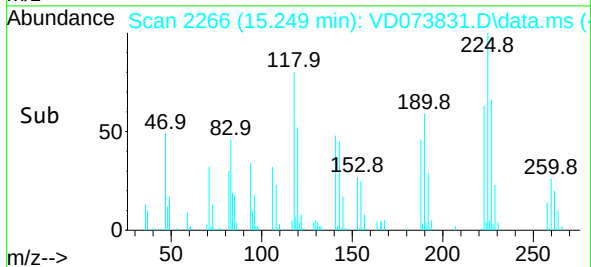
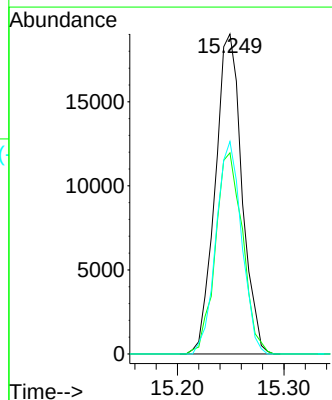
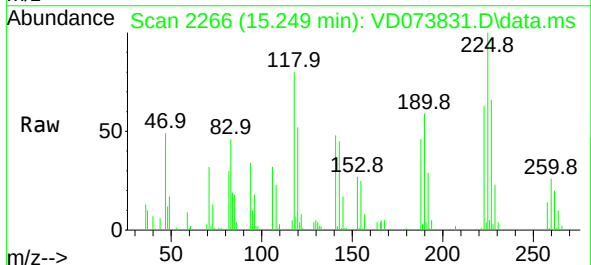
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

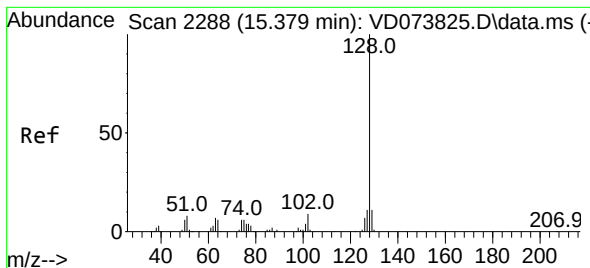
Tgt Ion:180 Resp: 72608
Ion Ratio Lower Upper
180 100
182 93.6 46.9 140.8
145 34.5 17.0 51.0



#94
Hexachlorobutadiene
Concen: 49.939 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion:225 Resp: 33166
Ion Ratio Lower Upper
225 100
223 64.1 31.8 95.3
227 63.5 31.4 94.2

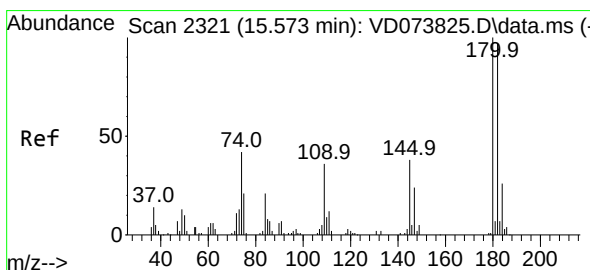
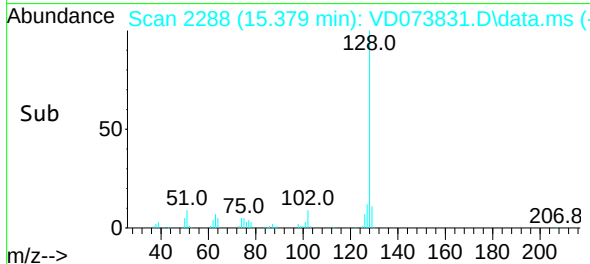
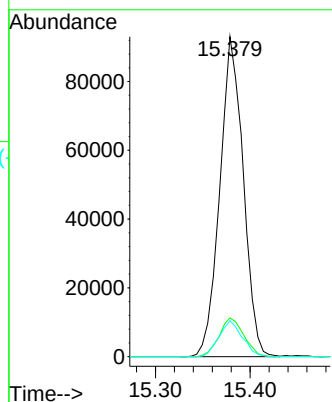
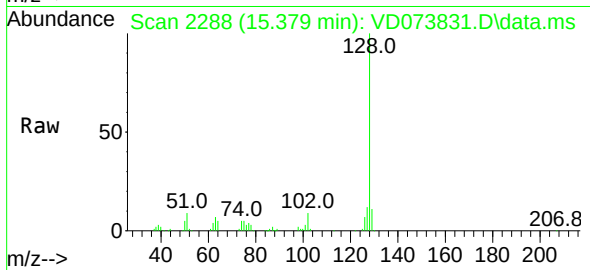




#95
Naphthalene
Concen: 52.478 ug/l
RT: 15.379 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 159905
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.205 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VD073831.D
Acq: 12 Jul 2022 10:22

Tgt Ion:180 Resp: 62132
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.3
145 38.7 18.9 56.9

