

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071822\
 Data File : VD073851.D
 Acq On : 18 Jul 2022 16:11
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 19 01:18:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:16:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	138993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	233970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	218066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	108748	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	81907	45.741	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.480%
35) Dibromofluoromethane	7.909	113	80726	49.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.580%
50) Toluene-d8	10.332	98	305944	51.694	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.380%
62) 4-Bromofluorobenzene	12.620	95	104054	47.987	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	62929	34.673	ug/l	94
3) Chloromethane	2.209	50	112152	54.621	ug/l	98
4) Vinyl Chloride	2.344	62	158710	78.662	ug/l	98
5) Bromomethane	2.762	94	98522	73.184	ug/l	97
6) Chloroethane	2.915	64	107379	82.925	ug/l	98
7) Trichlorofluoromethane	3.262	101	140057	45.313	ug/l	98
8) Diethyl Ether	3.703	74	35012	40.220	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.085	101	78396	43.078	ug/l	98
10) Methyl Iodide	4.291	142	88137	47.957	ug/l	98
11) Tert butyl alcohol	5.220	59	22937	153.634	ug/l	98
12) 1,1-Dichloroethene	4.062	96	71598	43.687	ug/l	95
13) Acrolein	3.915	56	17264	143.672	ug/l	99
14) Allyl chloride	4.703	41	103567	39.885	ug/l #	89
15) Acrylonitrile	5.415	53	74090	182.378	ug/l	97
16) Acetone	4.150	43	80615	220.274	ug/l	95
17) Carbon Disulfide	4.397	76	224147	43.545	ug/l	98
18) Methyl Acetate	4.715	43	33901	33.351	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	174685	44.677	ug/l	98
20) Methylene Chloride	4.962	84	97800	35.433	ug/l	91
21) trans-1,2-Dichloroethene	5.462	96	83942	44.713	ug/l	91
22) Diisopropyl ether	6.356	45	220540	38.945	ug/l #	93
23) Vinyl Acetate	6.297	43	635759	202.489	ug/l #	93
24) 1,1-Dichloroethane	6.256	63	142862	41.185	ug/l	98
25) 2-Butanone	7.209	43	99518	198.034	ug/l	91
26) 2,2-Dichloropropane	7.197	77	126830	43.140	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	92862	43.239	ug/l	91
28) Bromochloromethane	7.538	49	57290	44.275	ug/l #	80
29) Tetrahydrofuran	7.556	42	60299	189.119	ug/l #	87
30) Chloroform	7.703	83	158115	42.752	ug/l	98
31) Cyclohexane	7.973	56	125586	41.248	ug/l #	86
32) 1,1,1-Trichloroethane	7.897	97	149693	46.934	ug/l	97
36) 1,1-Dichloropropene	8.103	75	120667	46.337	ug/l	97
37) Ethyl Acetate	7.285	43	39707	34.685	ug/l #	92
38) Carbon Tetrachloride	8.091	117	132843	48.531	ug/l	99
39) Methylcyclohexane	9.350	83	142743	47.120	ug/l	92
40) Benzene	8.344	78	330296	44.094	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	26349	38.640	ug/l	90
42) 1,2-Dichloroethane	8.414	62	100070	44.207	ug/l	99
43) Isopropyl Acetate	8.444	43	87960	40.706	ug/l #	93
44) Trichloroethene	9.103	130	89109	44.382	ug/l	90
45) 1,2-Dichloropropane	9.379	63	78197	40.337	ug/l	97
46) Dibromomethane	9.467	93	48707	44.675	ug/l	98
47) Bromodichloromethane	9.650	83	122565	43.923	ug/l	99
48) Methyl methacrylate	9.450	41	43122	41.045	ug/l #	77
49) 1,4-Dioxane	9.456	88	9821	810.346	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	221763	198.671	ug/l	94
52) Toluene	10.397	92	223650	47.573	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	113236	44.289	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	130978	44.016	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	60756	41.802	ug/l	97
56) Ethyl methacrylate	10.650	69	74499	43.918	ug/l	91
57) 1,3-Dichloropropane	10.938	76	103618	41.492	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	188127	227.519	ug/l	93
59) 2-Hexanone	10.973	43	157804	210.917	ug/l	95
60) Dibromochloromethane	11.132	129	84315	45.308	ug/l	100
61) 1,2-Dibromoethane	11.238	107	61899	43.495	ug/l	94
64) Tetrachloroethene	10.867	164	74858	47.418	ug/l	96
65) Chlorobenzene	11.661	112	229468	46.319	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	86231	46.384	ug/l	98
67) Ethyl Benzene	11.732	91	426516	49.498	ug/l	99
68) m/p-Xylenes	11.844	106	346571	103.827	ug/l	97
69) o-Xylene	12.167	106	159728	51.342	ug/l	95
70) Styrene	12.185	104	271101	50.509	ug/l	99
71) Bromoform	12.344	173	47884	47.268	ug/l #	99
73) Isopropylbenzene	12.467	105	425783	50.684	ug/l	100
74) N-amyl acetate	12.273	43	84632	41.893	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	73823	44.058	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	93167	79.730	ug/l #	100
77) Bromobenzene	12.749	156	93830	47.357	ug/l	90
78) n-propylbenzene	12.808	91	525853	49.880	ug/l	98
79) 2-Chlorotoluene	12.897	91	289590	47.204	ug/l	95
80) 1,3,5-Trimethylbenzene	12.944	105	366077	51.401	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	23107	45.108	ug/l	91
82) 4-Chlorotoluene	12.991	91	311906	48.480	ug/l	99
83) tert-Butylbenzene	13.208	119	308807	50.963	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	363312	50.989	ug/l	100
85) sec-Butylbenzene	13.385	105	470419	51.428	ug/l	99
86) p-Isopropyltoluene	13.502	119	406054	53.715	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	199776	49.435	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	194776	48.533	ug/l	99
89) n-Butylbenzene	13.826	91	376688	51.858	ug/l	99
90) Hexachloroethane	14.096	117	78030	50.447	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	172582	49.199	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	12697	47.305	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	105876	50.961	ug/l	99
94) Hexachlorobutadiene	15.249	225	54193	47.878	ug/l	97
95) Naphthalene	15.379	128	199105	52.206	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	92593	50.447	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Jul 19 01:16:18 2022
Response via : Initial Calibration

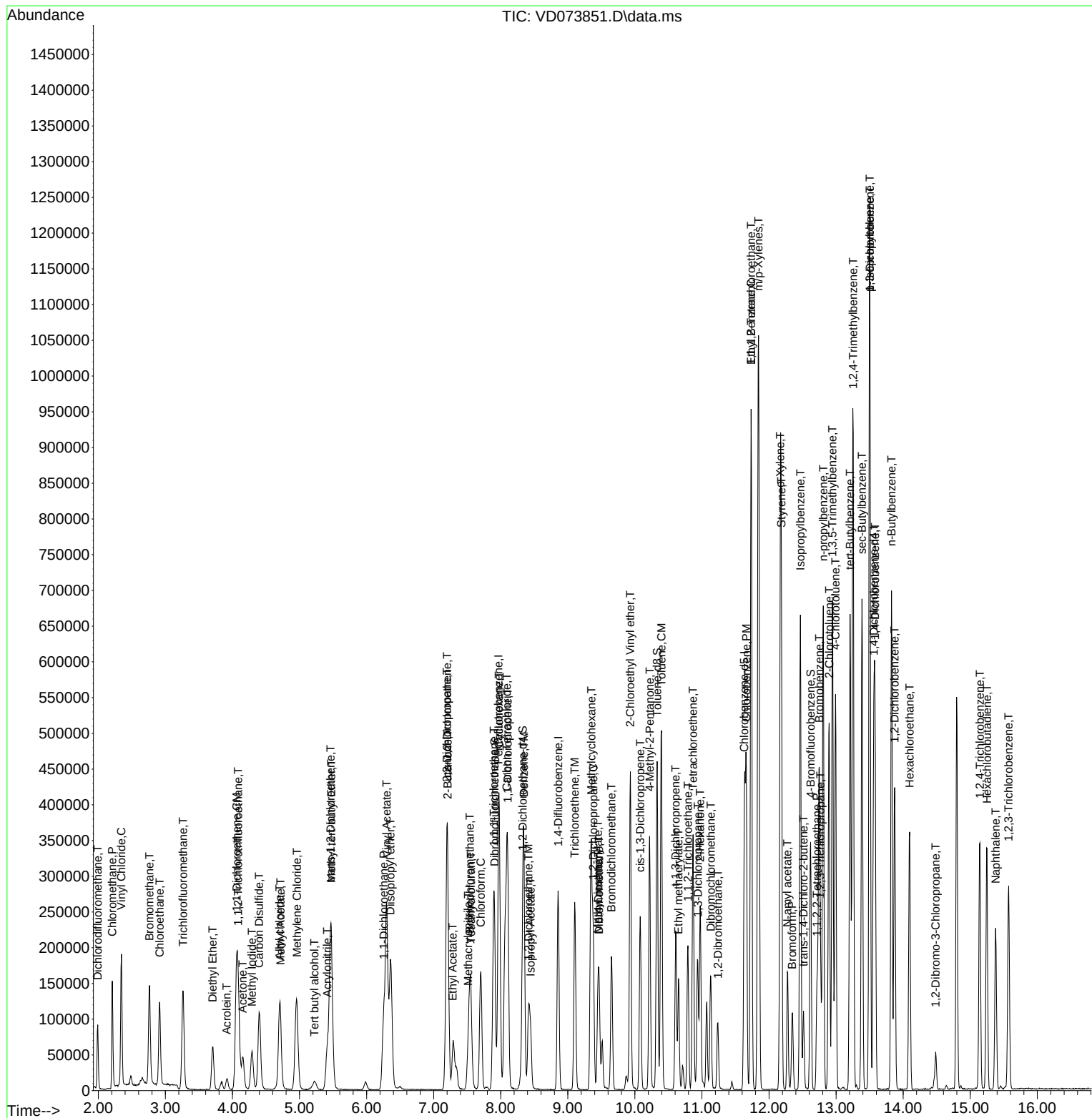
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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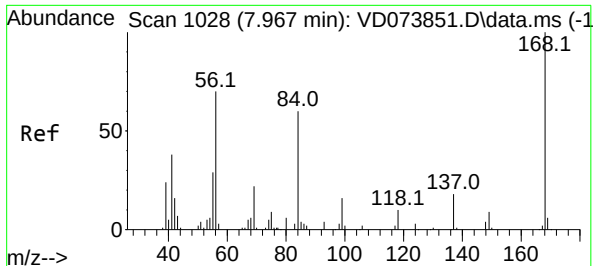
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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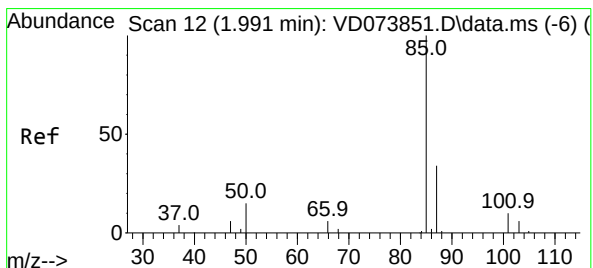
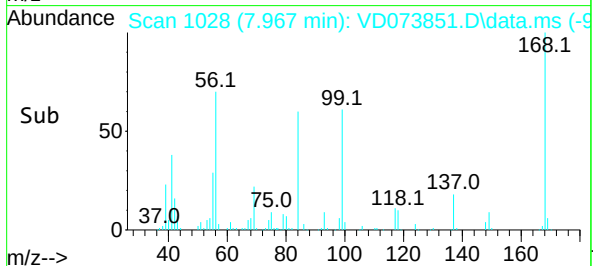
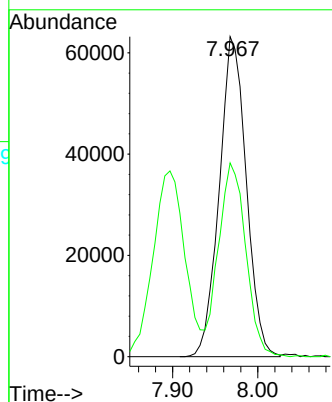
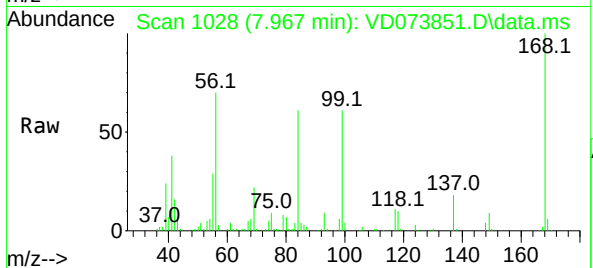




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073851.D
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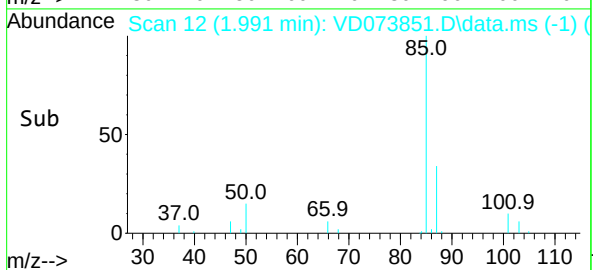
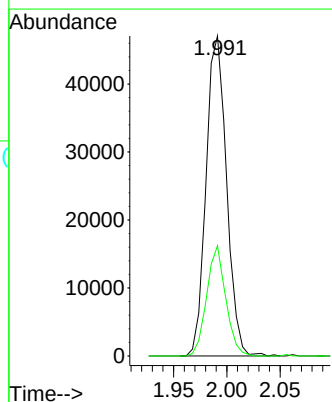
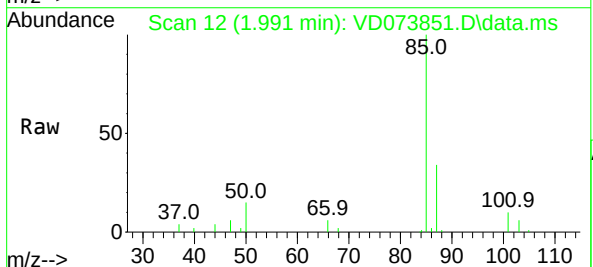
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

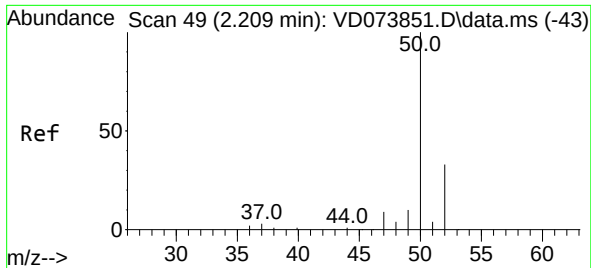
Tgt Ion:168 Resp: 138993
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 34.673 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion: 85 Resp: 62929
Ion Ratio Lower Upper
85 100
87 34.4 15.7 47.0

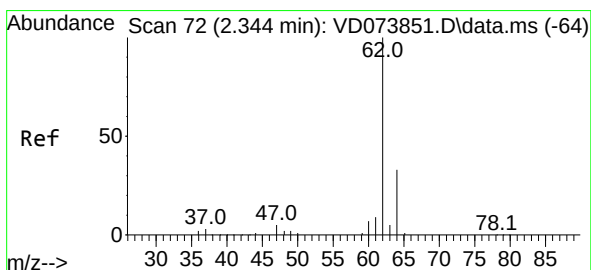
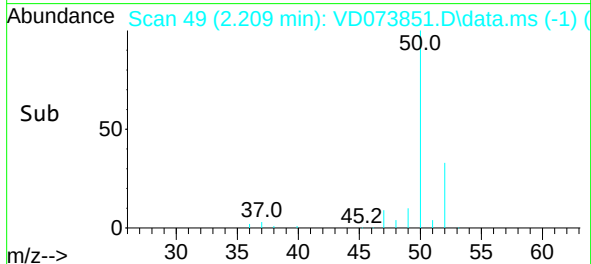
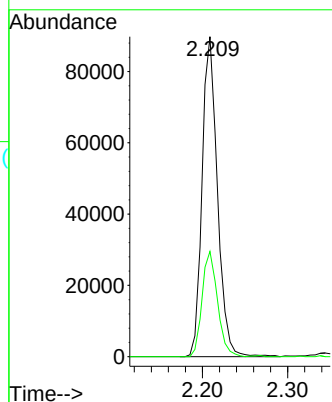
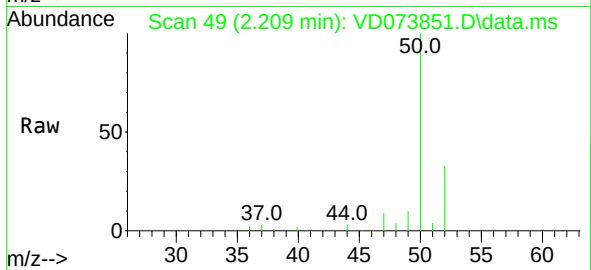




#3
Chloromethane
Concen: 54.621 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

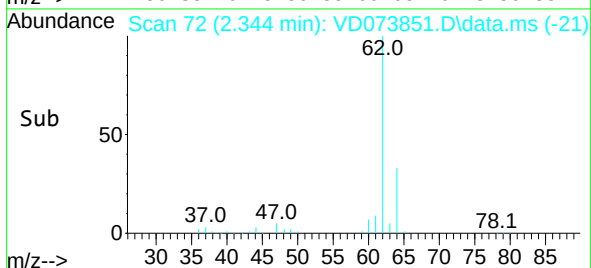
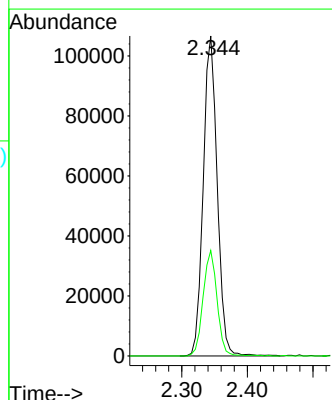
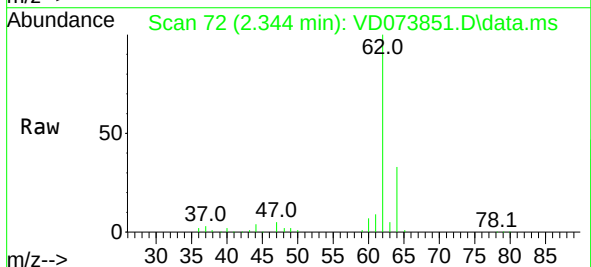
Instrument :
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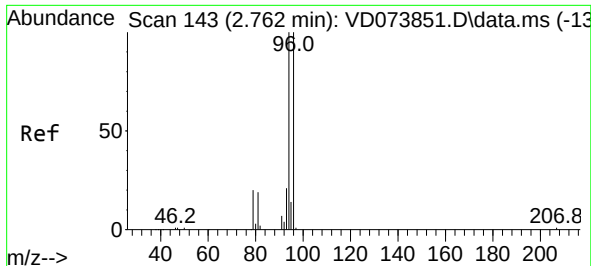
Tgt Ion: 50 Resp: 112152
Ion Ratio Lower Upper
50 100
52 32.9 27.4 41.0



#4
Vinyl Chloride
Concen: 78.662 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion: 62 Resp: 158710
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.0

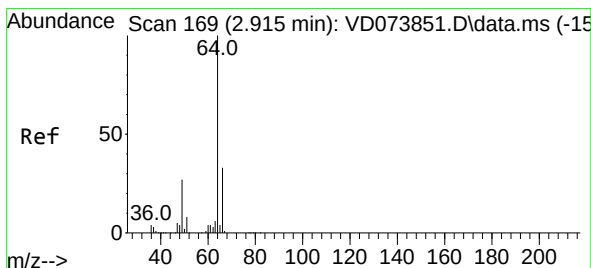
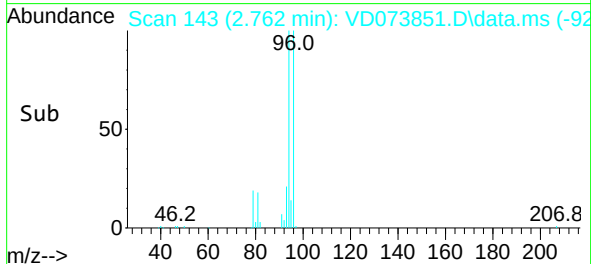
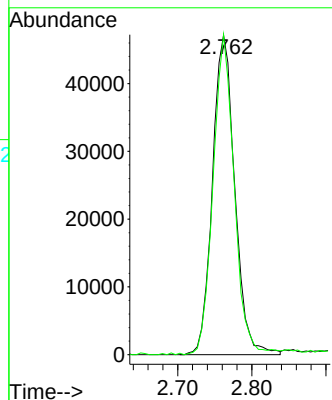
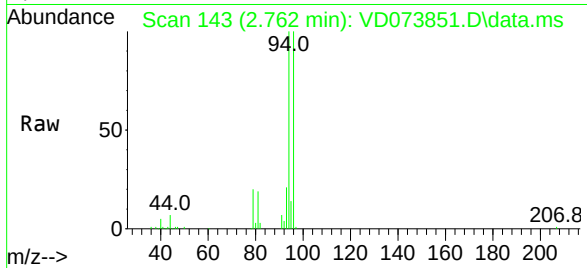




#5
Bromomethane
Concen: 73.184 ug/l
RT: 2.762 min Scan# 143
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

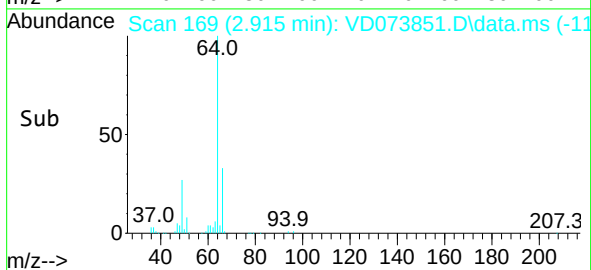
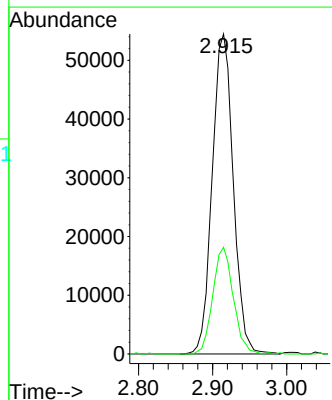
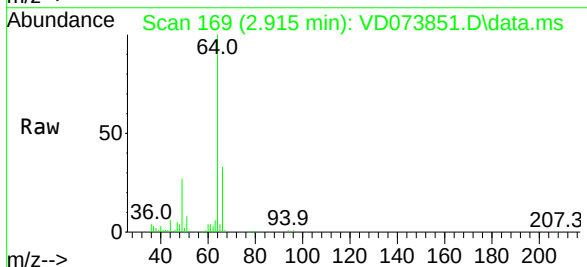
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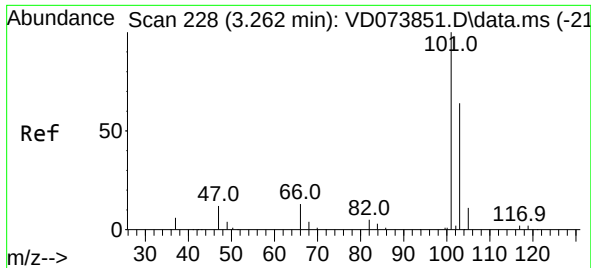
Tgt Ion: 94 Resp: 98522
Ion Ratio Lower Upper
94 100
96 99.7 77.6 116.4



#6
Chloroethane
Concen: 82.925 ug/l
RT: 2.915 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD073851.D
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Tgt Ion: 64 Resp: 107379
Ion Ratio Lower Upper
64 100
66 33.4 25.9 38.9

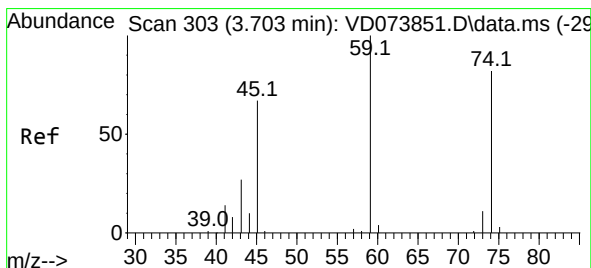
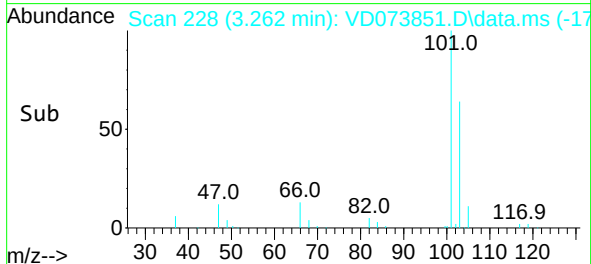
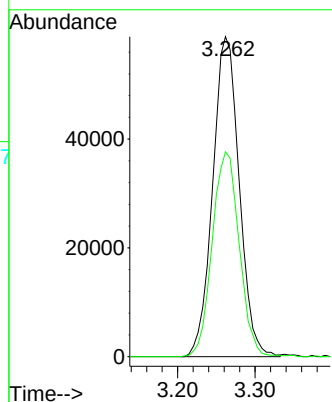
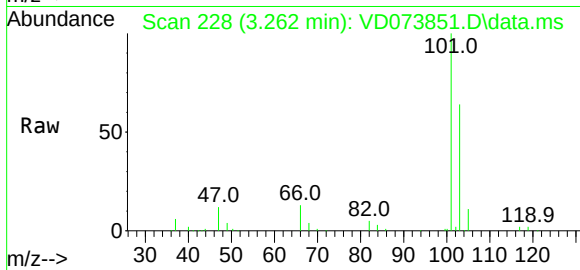




#7
Trichlorofluoromethane
Concen: 45.313 ug/l
RT: 3.262 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

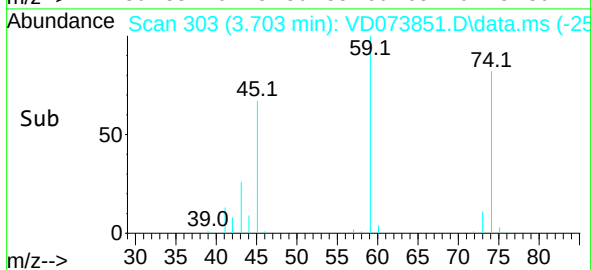
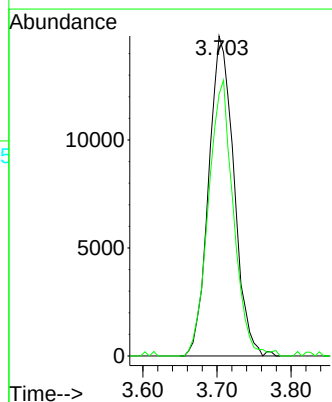
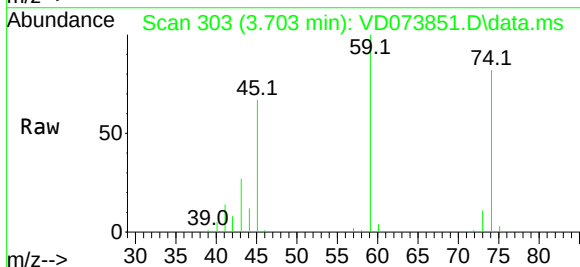
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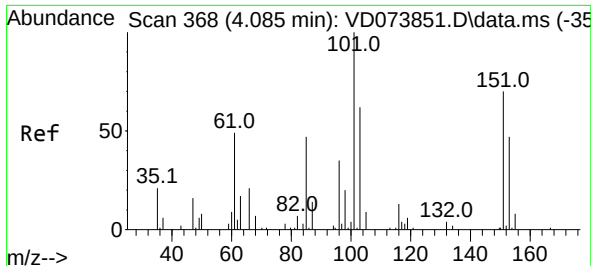
Tgt Ion:101 Resp: 140057
Ion Ratio Lower Upper
101 100
103 64.0 50.1 75.1



#8
Diethyl Ether
Concen: 40.220 ug/l
RT: 3.703 min Scan# 303
Delta R.T. 0.000 min
Lab File: VD073851.D
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Tgt Ion: 74 Resp: 35012
Ion Ratio Lower Upper
74 100
45 85.4 52.6 157.8

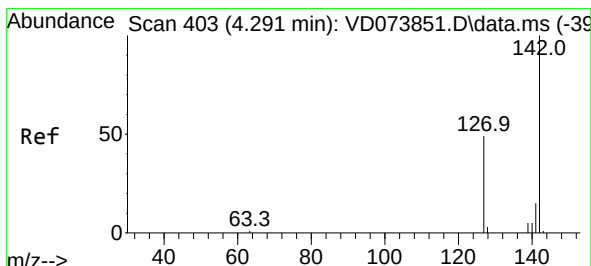
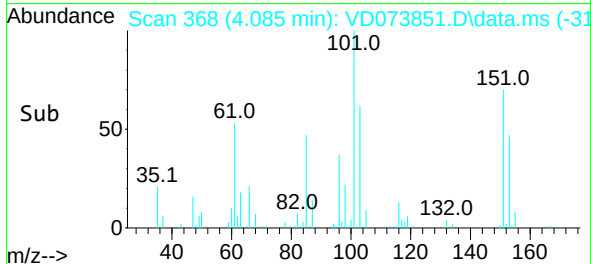
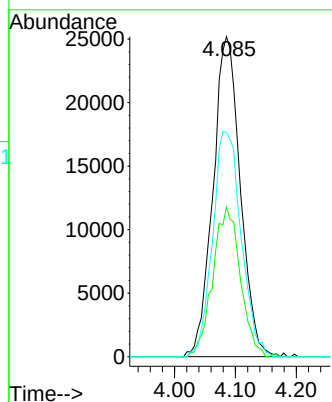
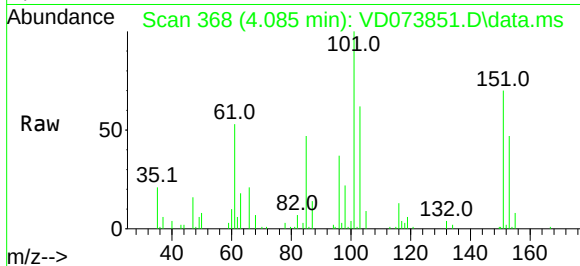




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 43.078 ug/l
 RT: 4.085 min Scan# 368
 Delta R.T. 0.000 min
 Lab File: VD073851.D
 Acq: 18 Jul 2022 16:11

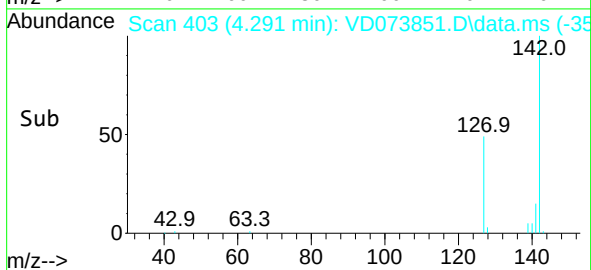
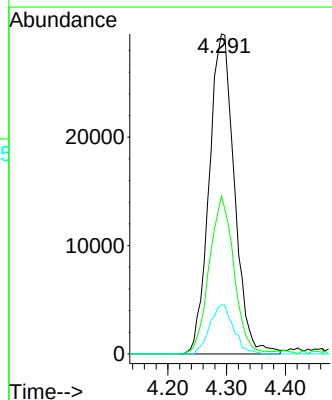
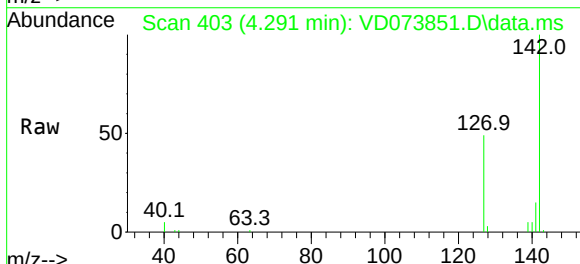
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

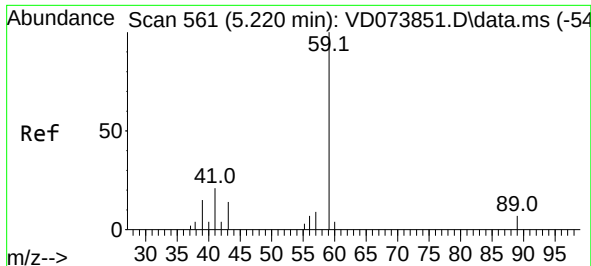
Tgt Ion:	101	Resp:	78396
Ion	Ratio	Lower	Upper
101	100		
85	46.9	36.4	54.6
151	73.6	57.3	85.9



#10
 Methyl Iodide
 Concen: 47.957 ug/l
 RT: 4.291 min Scan# 403
 Delta R.T. 0.000 min
 Lab File: VD073851.D
 Acq: 18 Jul 2022 16:11

Tgt Ion:	142	Resp:	88137
Ion	Ratio	Lower	Upper
142	100		
127	48.2	37.3	55.9
141	14.5	11.7	17.5

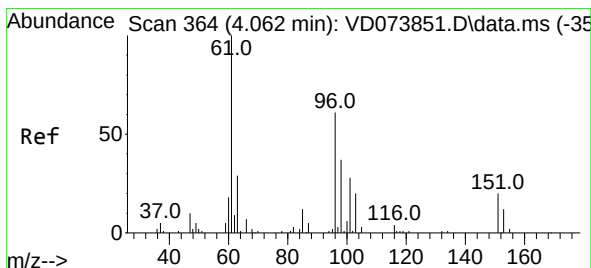
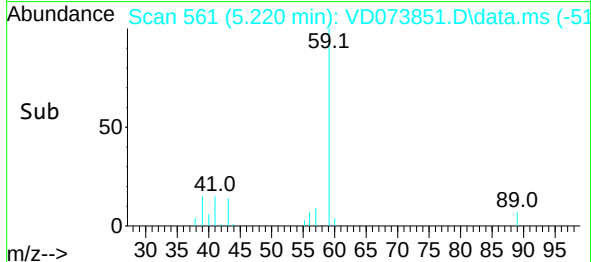
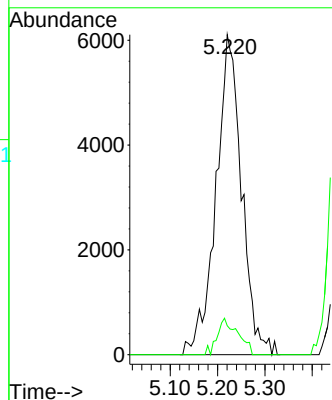
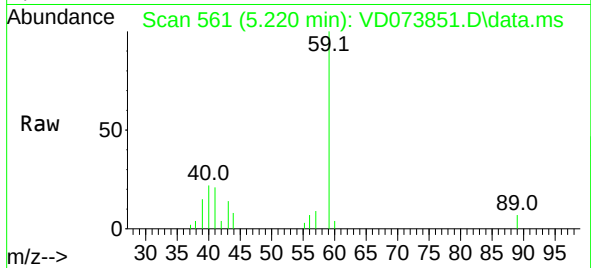




#11
Tert butyl alcohol
Concen: 153.634 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

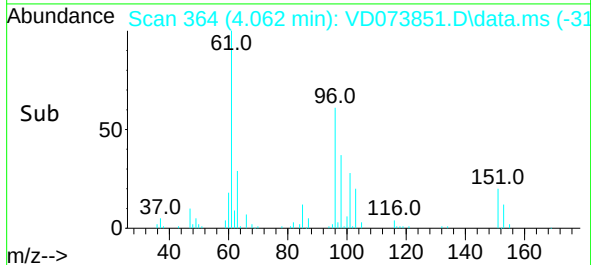
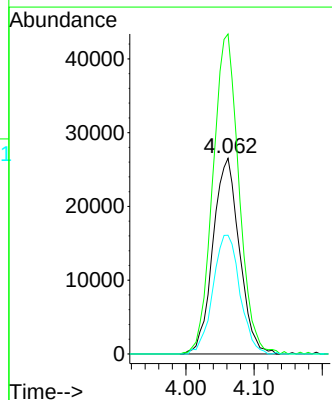
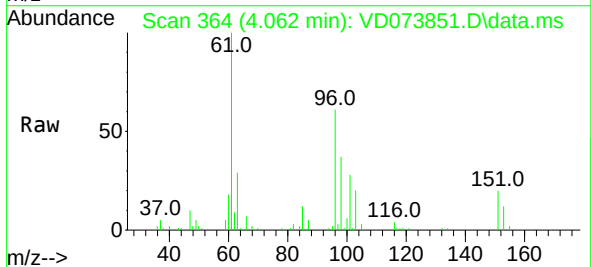
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

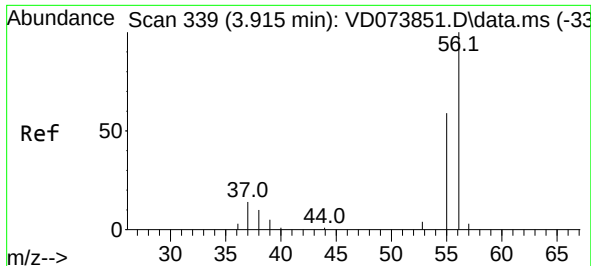
Tgt Ion: 59 Resp: 22937
Ion Ratio Lower Upper
59 100
57 9.1 7.8 11.6



#12
1,1-Dichloroethene
Concen: 43.687 ug/l
RT: 4.062 min Scan# 364
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion: 96 Resp: 71598
Ion Ratio Lower Upper
96 100
61 163.5 138.5 207.7
98 60.6 48.6 73.0





#13

Acrolein

Concen: 143.672 ug/l

RT: 3.915 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

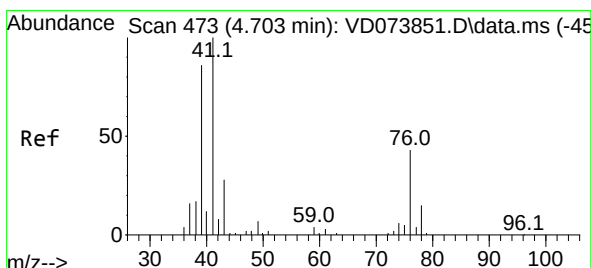
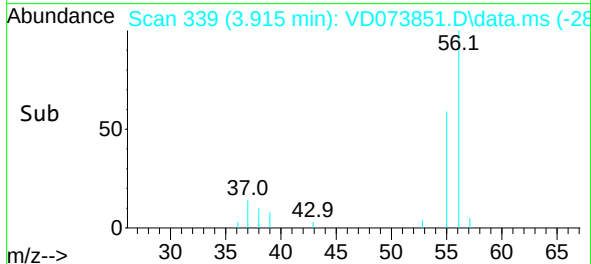
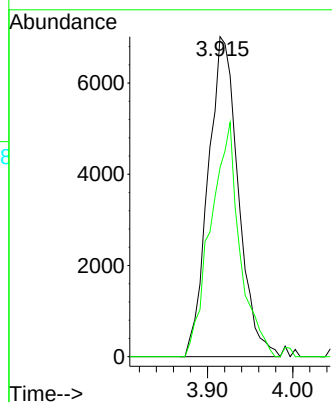
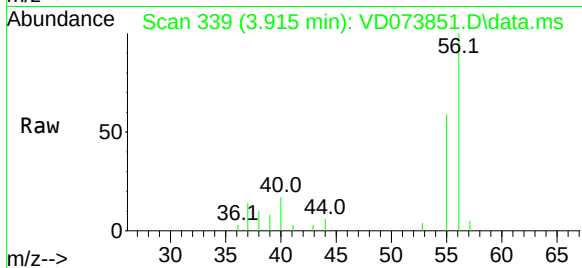
VSTDICCC050

Tgt Ion: 56 Resp: 17264

Ion Ratio Lower Upper

56 100

55 70.8 57.1 85.7



#14

Allyl chloride

Concen: 39.885 ug/l

RT: 4.703 min Scan# 473

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

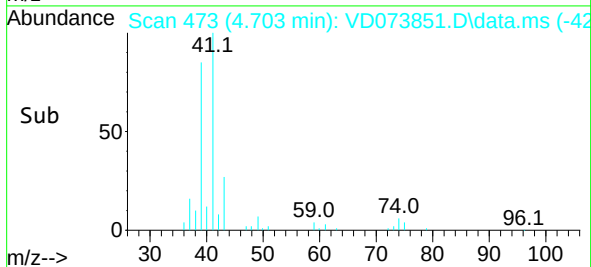
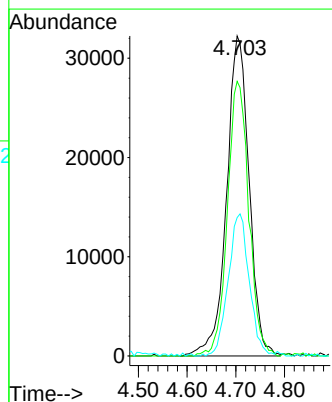
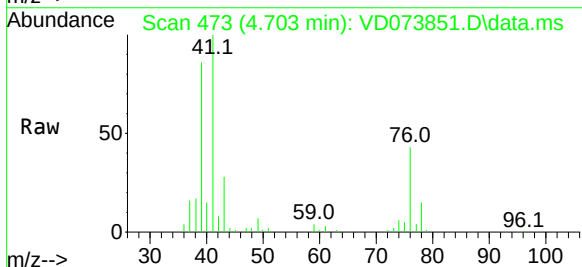
Tgt Ion: 41 Resp: 103567

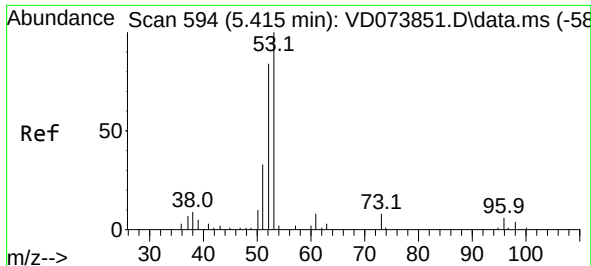
Ion Ratio Lower Upper

41 100

39 81.7 59.3 88.9

76 41.5 25.7 38.5#

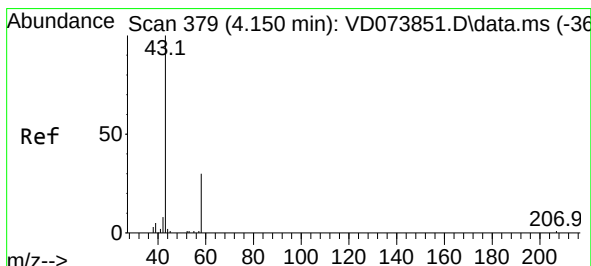
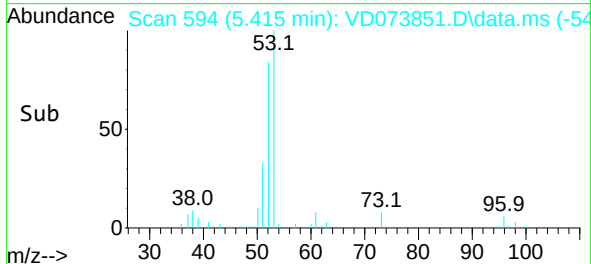
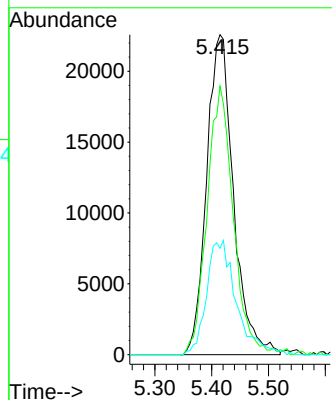
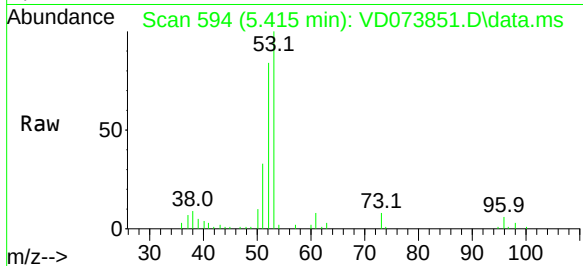




#15
Acrylonitrile
Concen: 182.378 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

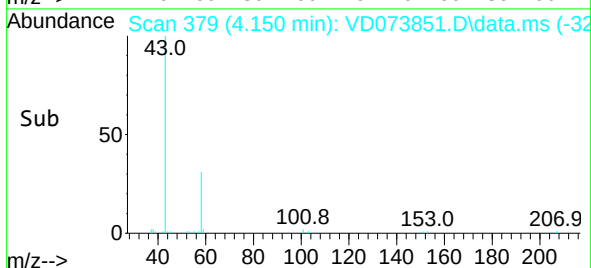
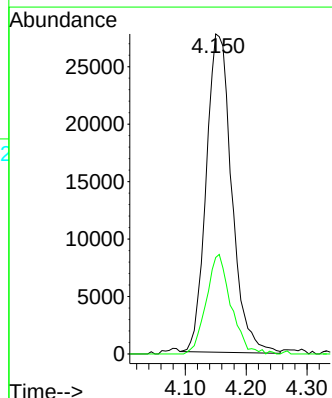
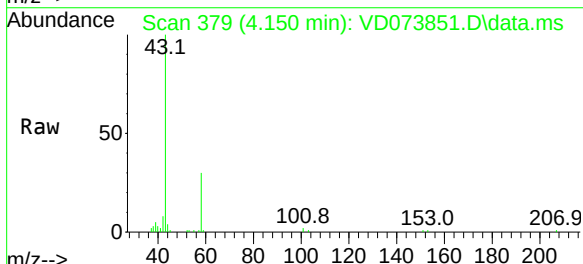
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

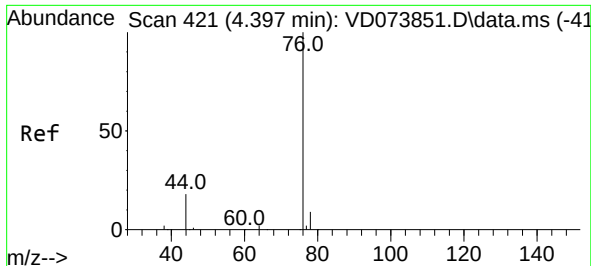
Tgt Ion:	53	Resp:	74090
Ion	Ratio	Lower	Upper
53	100		
52	81.5	67.2	100.8
51	39.4	30.3	45.5



#16
Acetone
Concen: 220.274 ug/l
RT: 4.150 min Scan# 379
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion:	43	Resp:	80615
Ion	Ratio	Lower	Upper
43	100		
58	30.4	22.1	33.1





#17

Carbon Disulfide

Concen: 43.545 ug/l

RT: 4.397 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

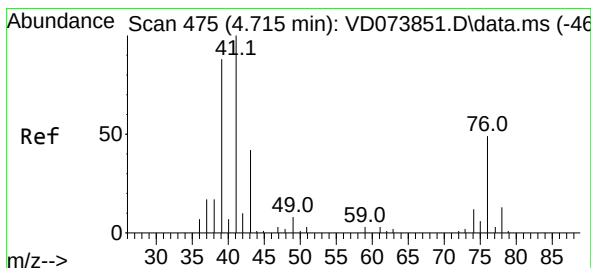
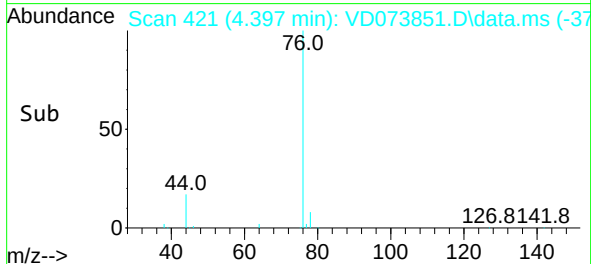
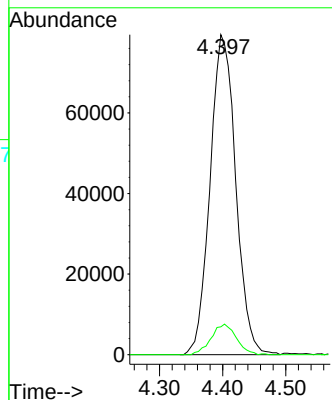
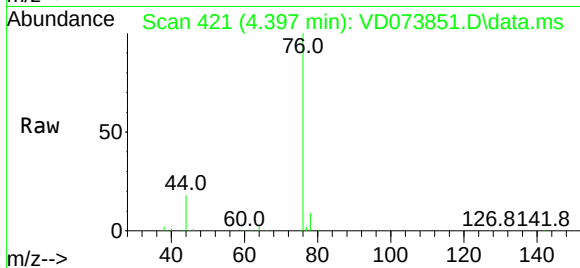
VSTDICCC050

Tgt Ion: 76 Resp: 224147

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3



#18

Methyl Acetate

Concen: 33.351 ug/l

RT: 4.715 min Scan# 475

Delta R.T. 0.000 min

Lab File: VD073851.D

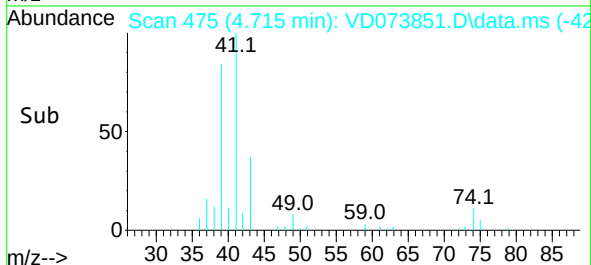
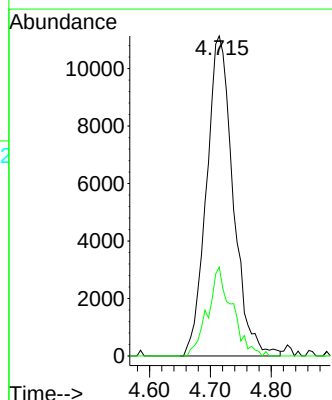
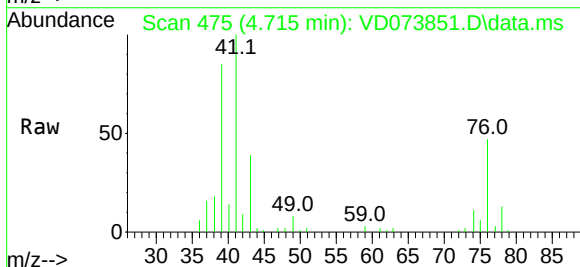
Acq: 18 Jul 2022 16:11

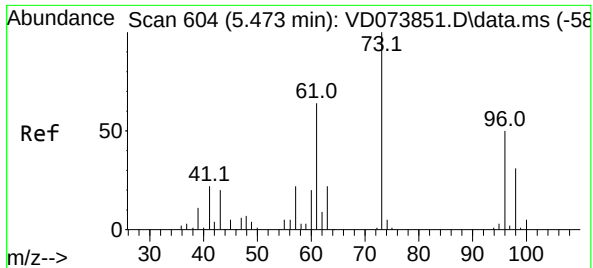
Tgt Ion: 43 Resp: 33901

Ion Ratio Lower Upper

43 100

74 25.5 16.7 25.1#

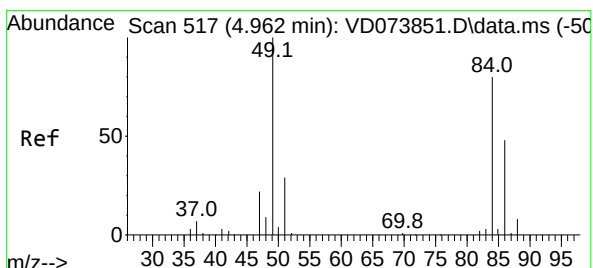
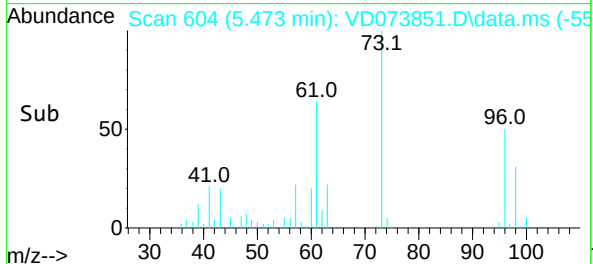
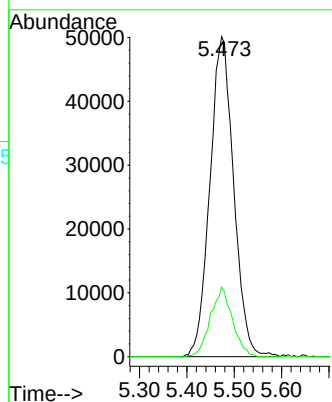
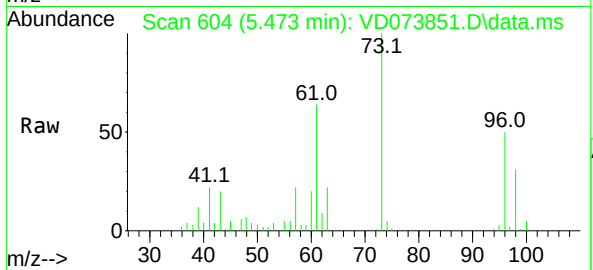




#19
Methyl tert-butyl Ether
Concen: 44.677 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

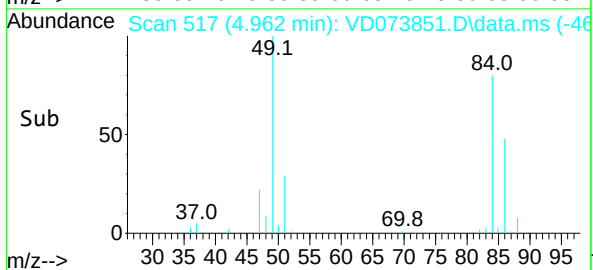
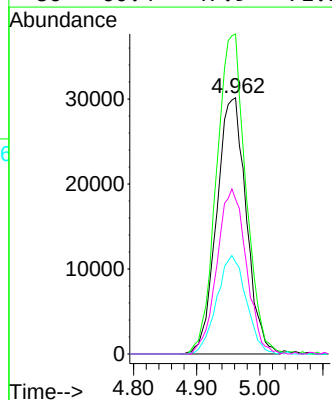
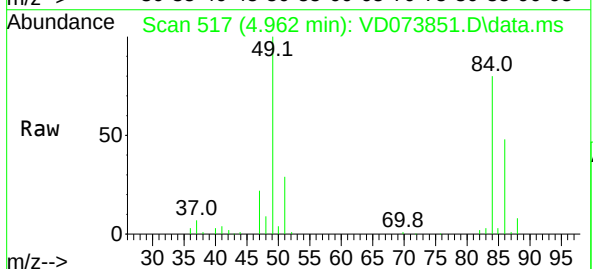
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

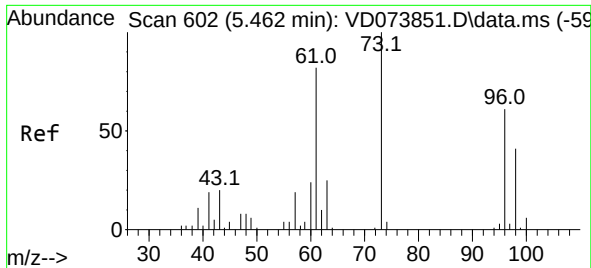
Tgt Ion: 73 Resp: 174685
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0



#20
Methylene Chloride
Concen: 35.433 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion: 84 Resp: 97800
Ion Ratio Lower Upper
84 100
49 124.9 112.8 169.2
51 35.8 32.6 48.8
86 60.4 47.9 71.9

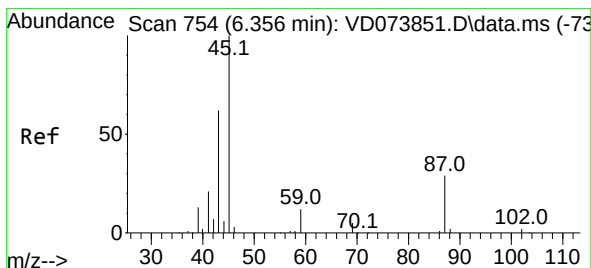
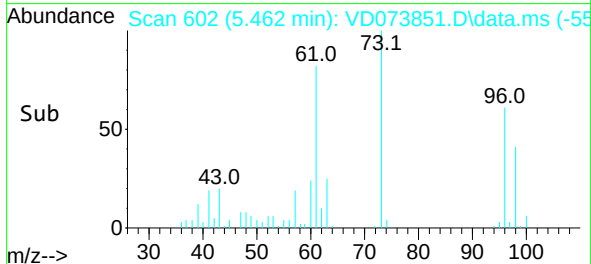
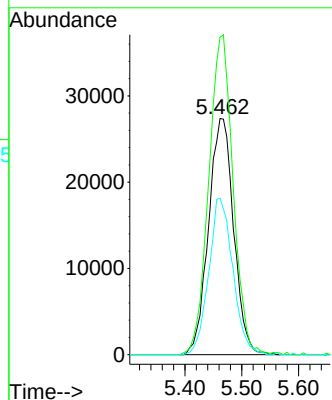
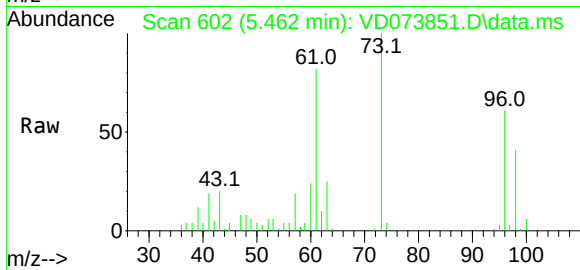




#21
trans-1,2-Dichloroethene
Concen: 44.713 ug/l
RT: 5.462 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

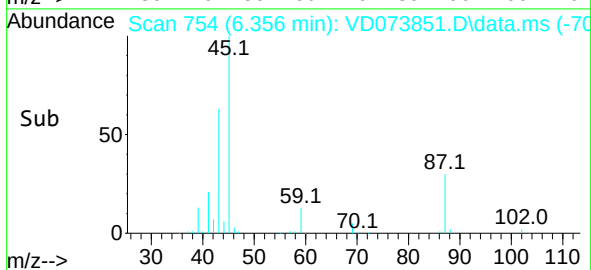
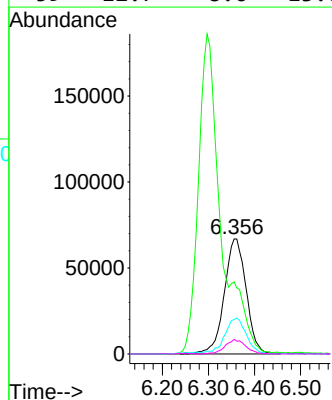
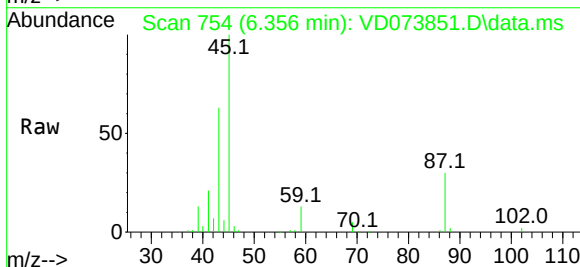
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

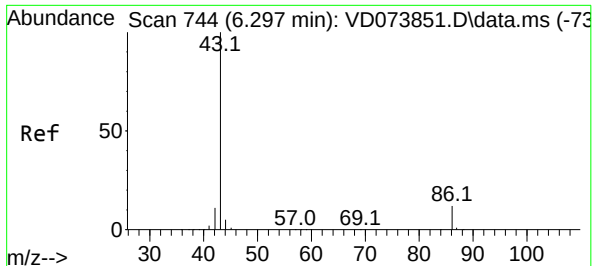
Tgt Ion:	96	Resp:	83942
Ion	Ratio	Lower	Upper
96	100		
61	134.4	117.9	176.9
98	66.3	49.4	74.2



#22
Diisopropyl ether
Concen: 38.945 ug/l
RT: 6.356 min Scan# 754
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion:	45	Resp:	220540
Ion	Ratio	Lower	Upper
45	100		
43	61.6	46.6	70.0
87	30.0	18.4	27.6#
59	12.7	8.6	13.0

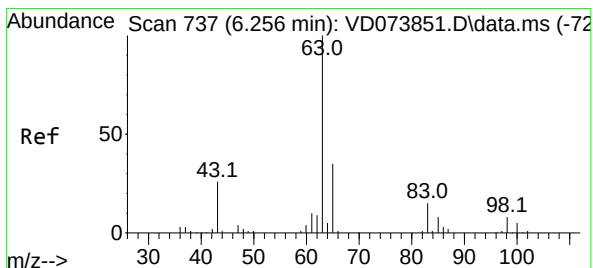
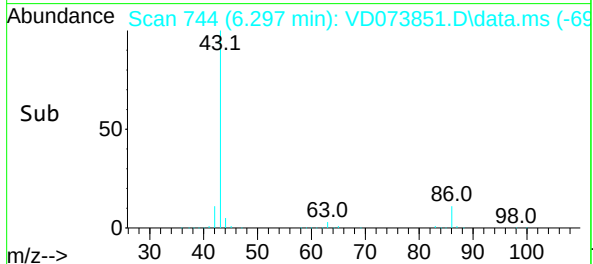
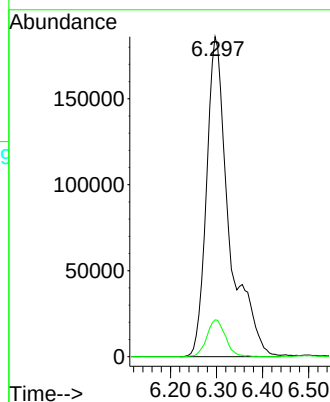
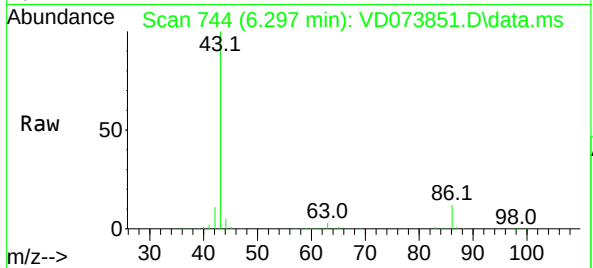




#23
 Vinyl Acetate
 Concen: 202.489 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073851.D
 Acq: 18 Jul 2022 16:11

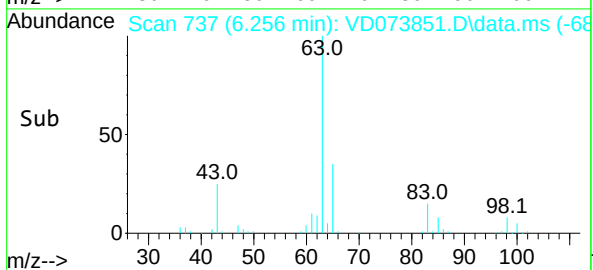
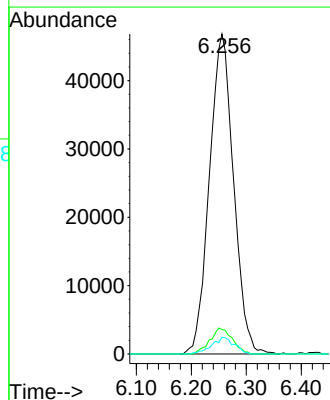
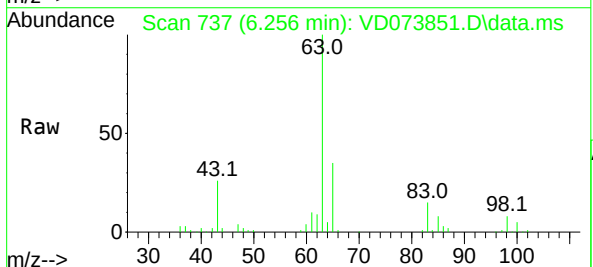
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

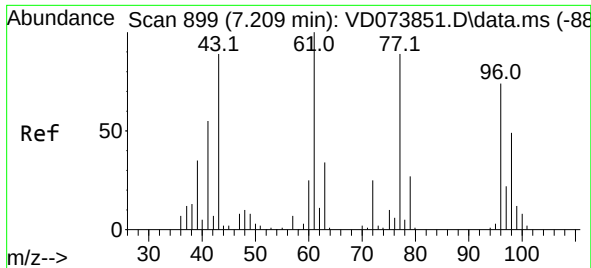
Tgt Ion: 43 Resp: 635759
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 41.185 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: VD073851.D
 Acq: 18 Jul 2022 16:11

Tgt Ion: 63 Resp: 142862
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 5.2 2.1 6.5

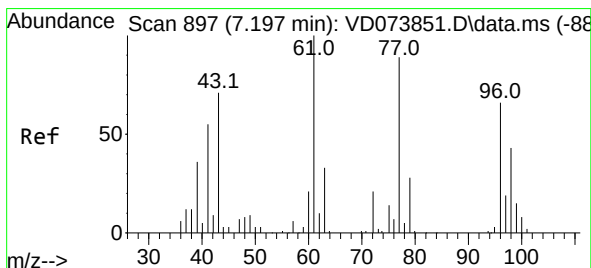
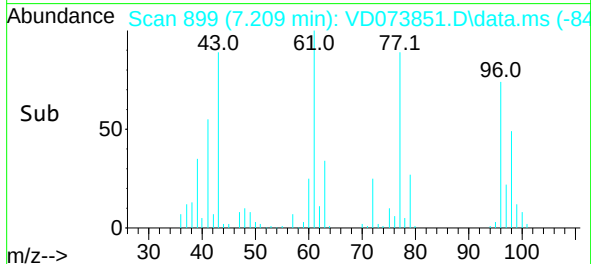
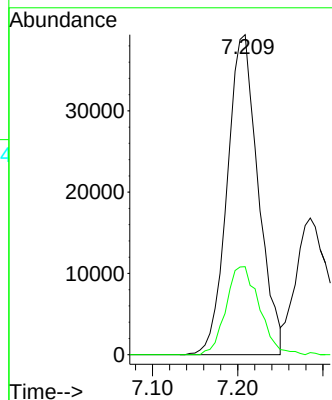
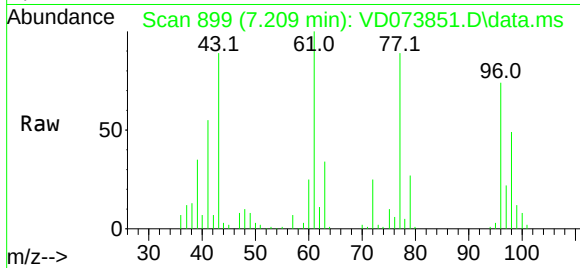




#25
2-Butanone
Concen: 198.034 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

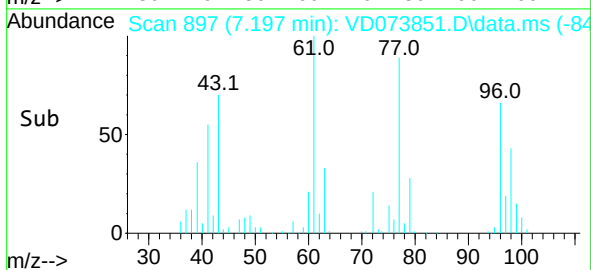
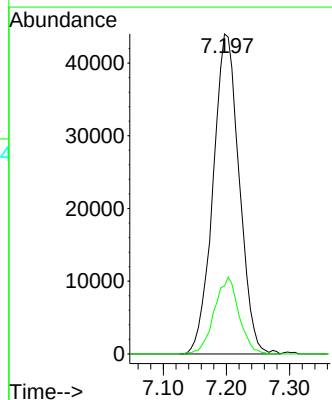
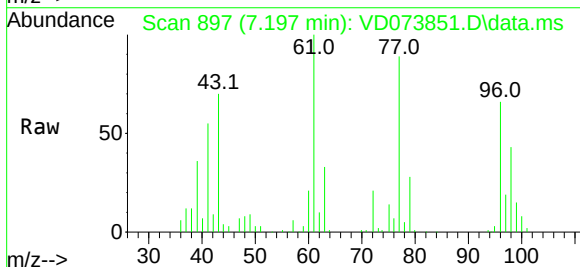
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

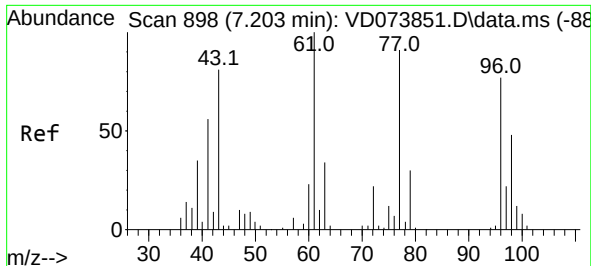
Tgt Ion: 43 Resp: 99518
Ion Ratio Lower Upper
43 100
72 27.5 18.6 27.8



#26
2,2-Dichloropropane
Concen: 43.140 ug/l
RT: 7.197 min Scan# 897
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion: 77 Resp: 126830
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.4

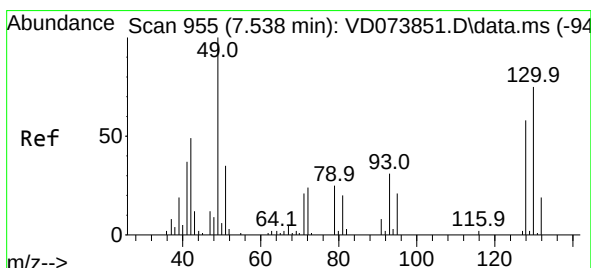
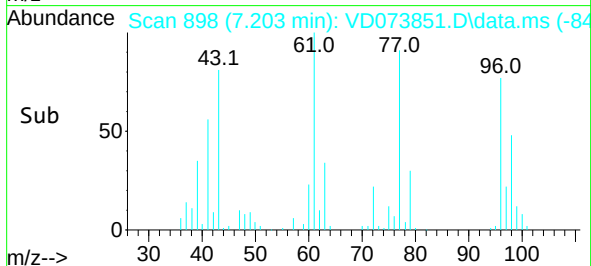
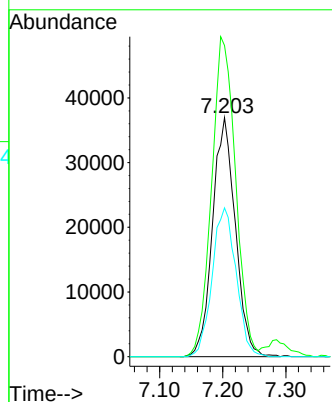
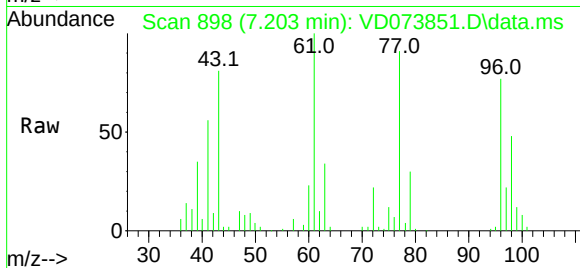




#27
 cis-1,2-Dichloroethene
 Concen: 43.239 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. 0.000 min
 Lab File: VD073851.D
 Acq: 18 Jul 2022 16:11

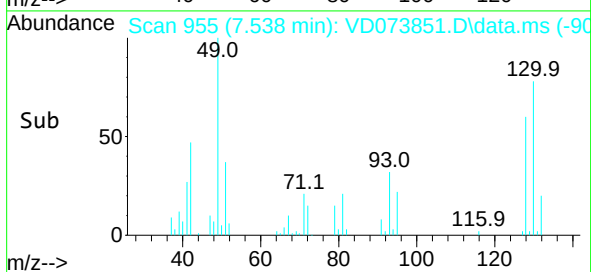
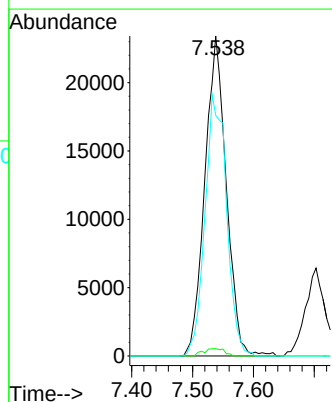
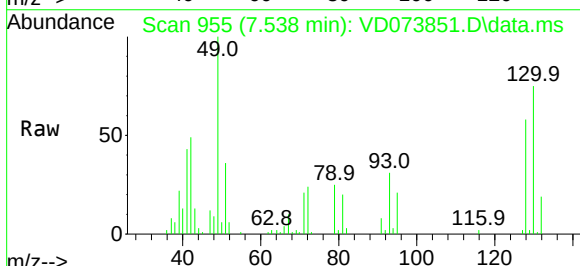
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

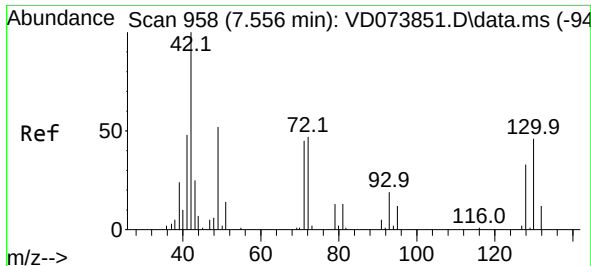
Tgt Ion: 96	Resp: 92862		
Ion Ratio	Lower	Upper	
96	100		
61	140.6	0.0	313.8
98	65.3	0.0	128.8



#28
 Bromochloromethane
 Concen: 44.275 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. 0.000 min
 Lab File: VD073851.D
 Acq: 18 Jul 2022 16:11

Tgt Ion: 49	Resp: 57290
Ion Ratio	Lower Upper
49 100	
129 2.3	0.0 4.0
130 82.3	52.6 79.0#





#29

Tetrahydrofuran

Concen: 189.119 ug/l

RT: 7.556 min Scan# 958

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

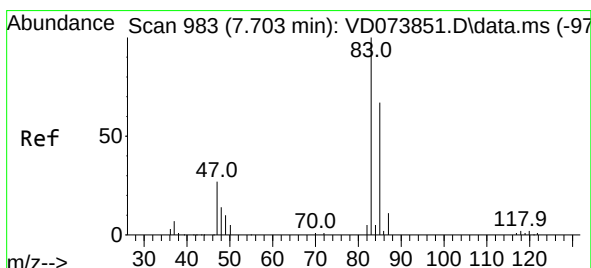
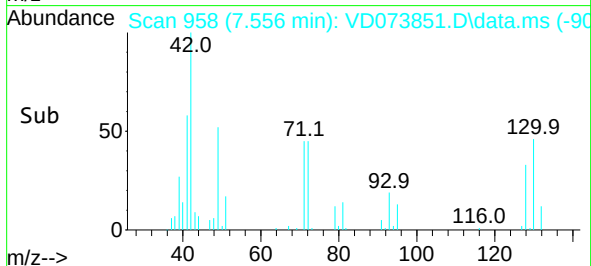
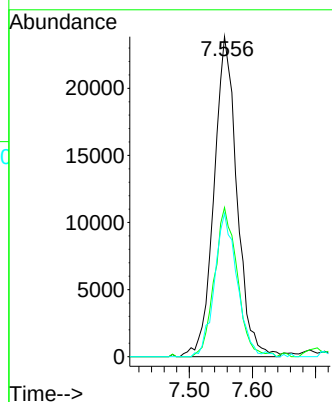
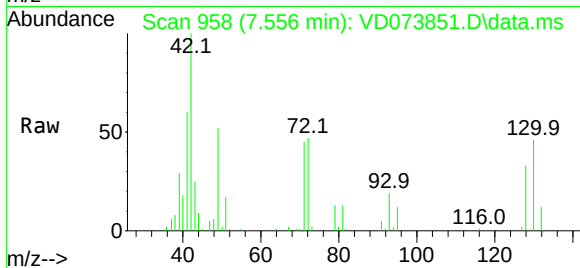
Tgt Ion: 42 Resp: 60299

Ion Ratio Lower Upper

42 100

72 46.1 30.7 46.1#

71 43.7 28.6 43.0#



#30

Chloroform

Concen: 42.752 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073851.D

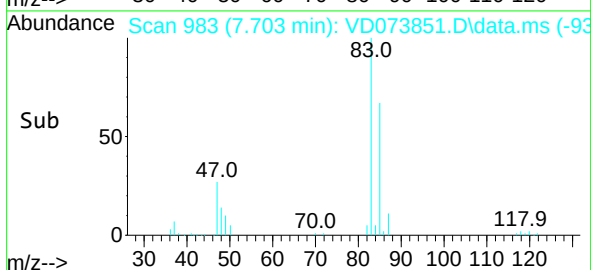
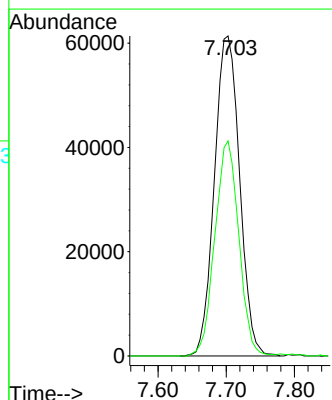
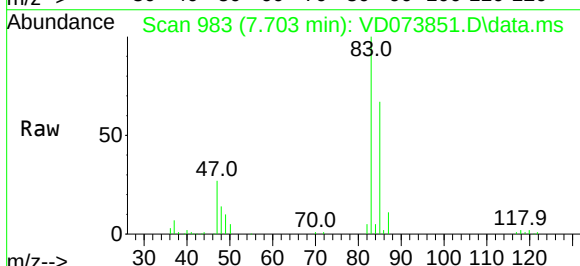
Acq: 18 Jul 2022 16:11

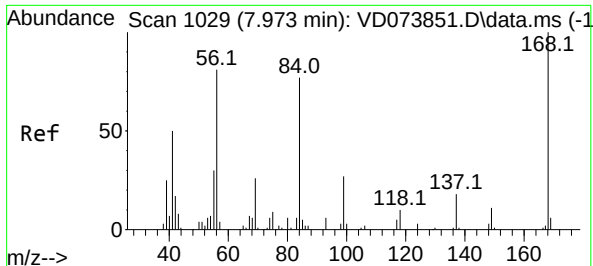
Tgt Ion: 83 Resp: 158115

Ion Ratio Lower Upper

83 100

85 67.2 52.7 79.1





#31

Cyclohexane

Concen: 41.248 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

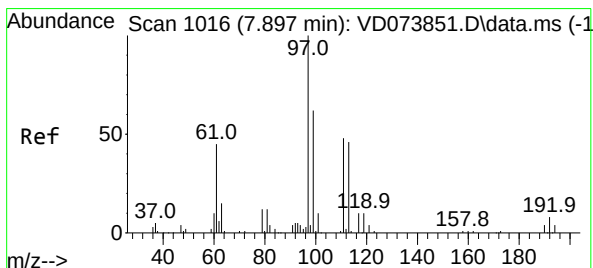
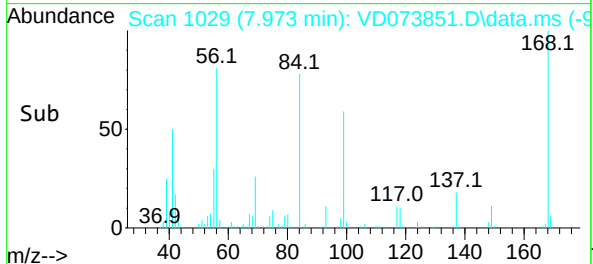
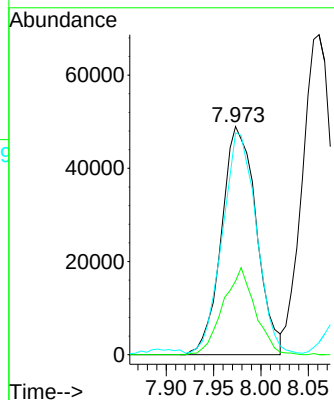
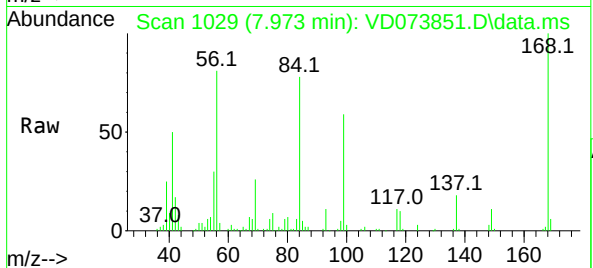
Tgt Ion: 56 Resp: 125586

Ion Ratio Lower Upper

56 100

69 32.2 25.4 38.2

84 95.1 63.0 94.4#



#32

1,1,1-Trichloroethane

Concen: 46.934 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

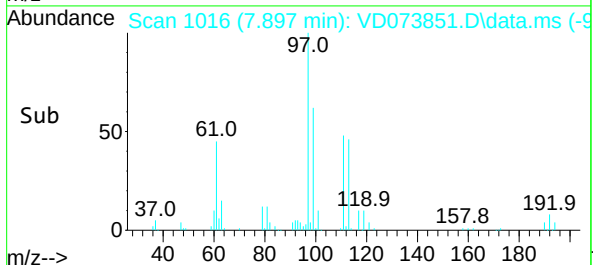
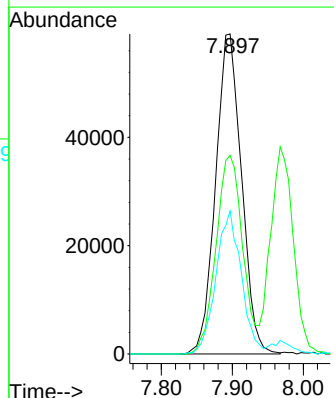
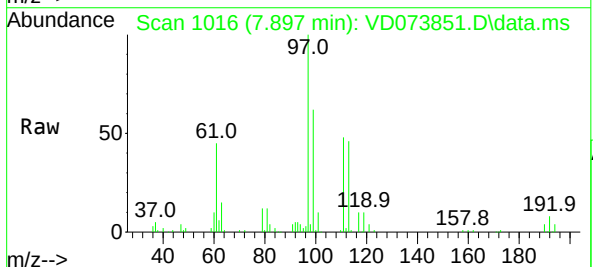
Tgt Ion: 97 Resp: 149693

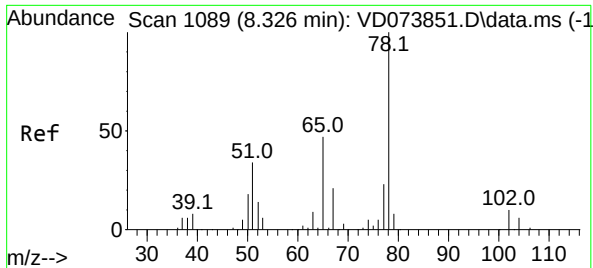
Ion Ratio Lower Upper

97 100

99 64.5 52.4 78.6

61 43.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 45.741 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

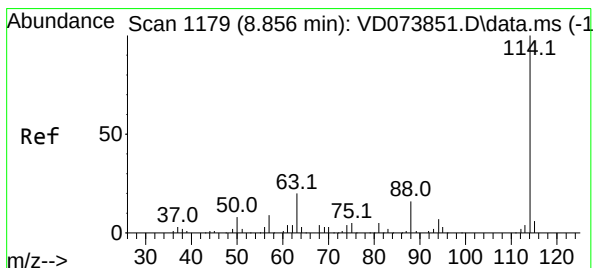
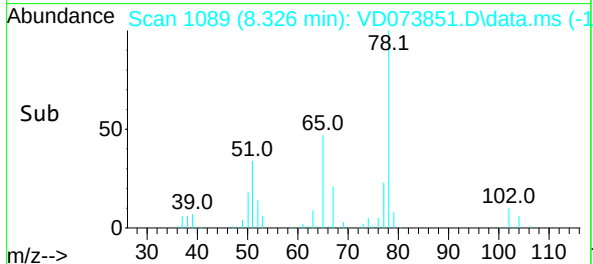
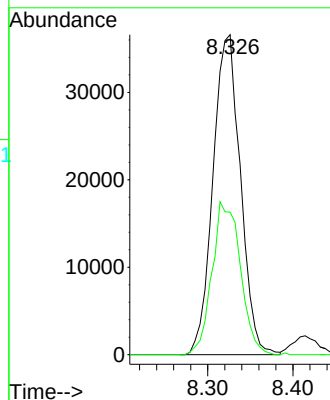
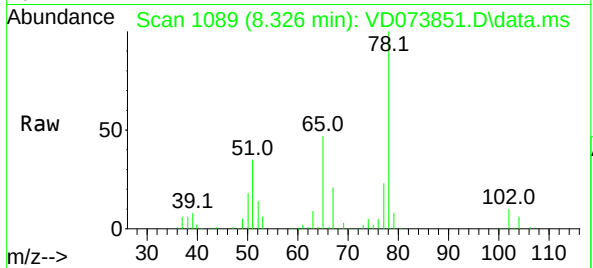
VSTDICCC050

Tgt Ion: 65 Resp: 81907

Ion Ratio Lower Upper

65 100

67 49.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

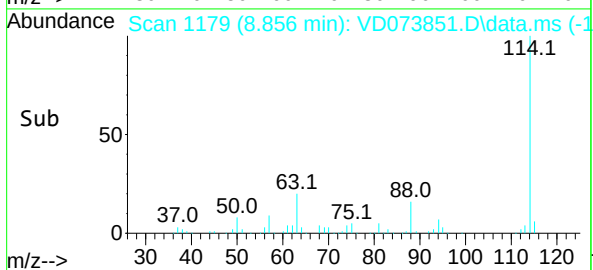
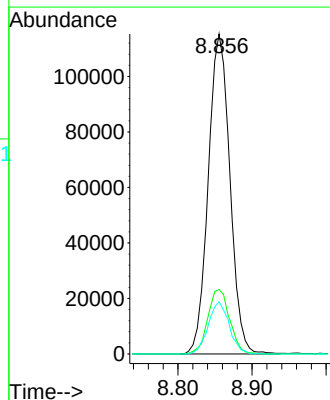
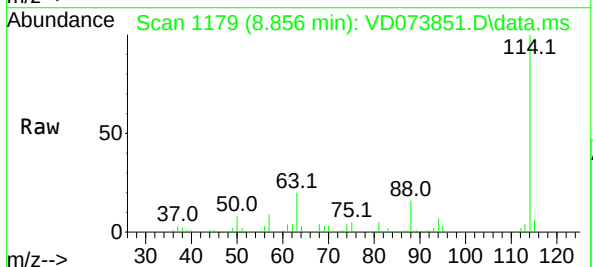
Tgt Ion: 114 Resp: 233970

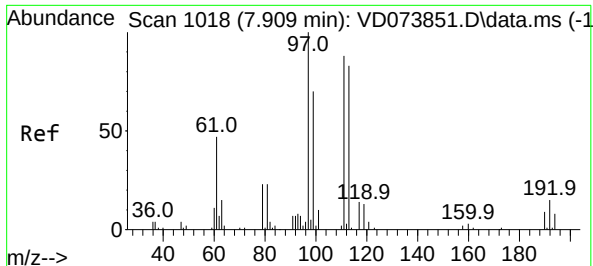
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.295 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

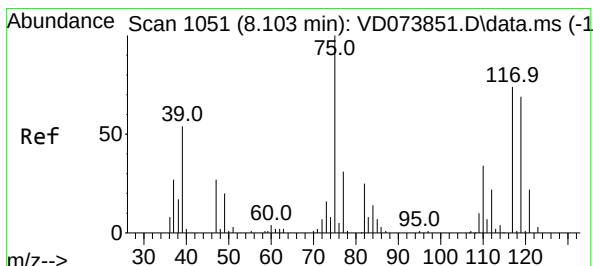
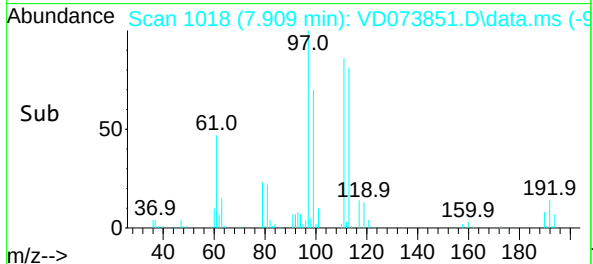
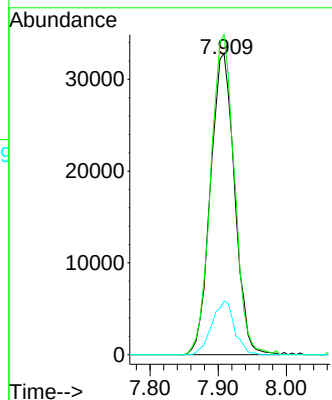
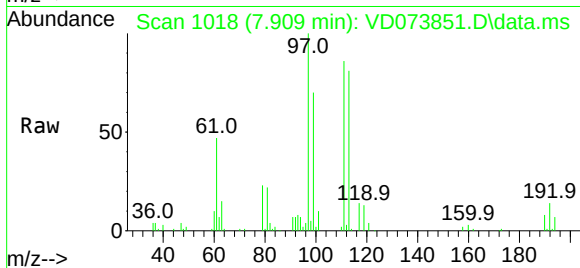
Tgt Ion:113 Resp: 80726

Ion Ratio Lower Upper

113 100

111 104.8 83.8 125.6

192 16.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 46.337 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

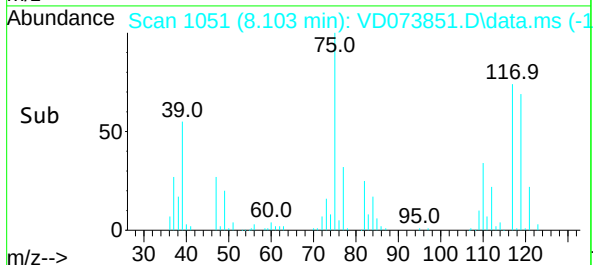
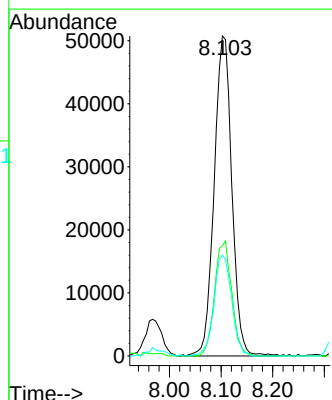
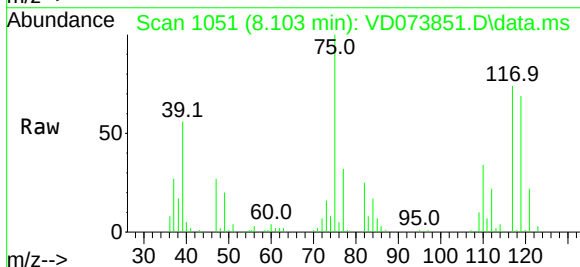
Tgt Ion: 75 Resp: 120667

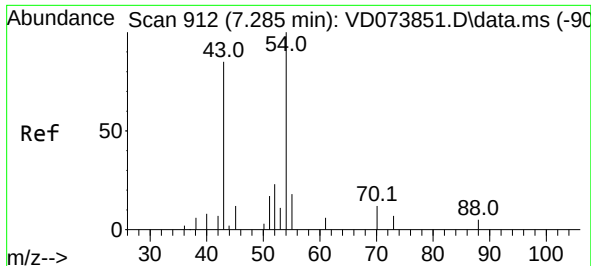
Ion Ratio Lower Upper

75 100

110 34.7 16.4 49.1

77 31.6 24.2 36.2





#37

Ethyl Acetate

Concen: 34.685 ug/l

RT: 7.285 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

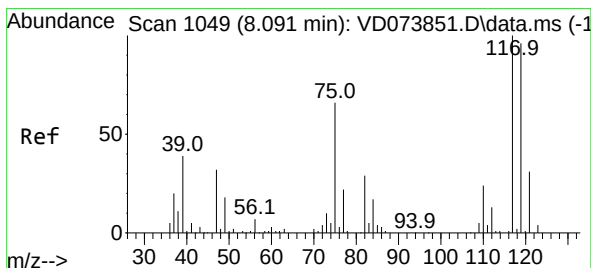
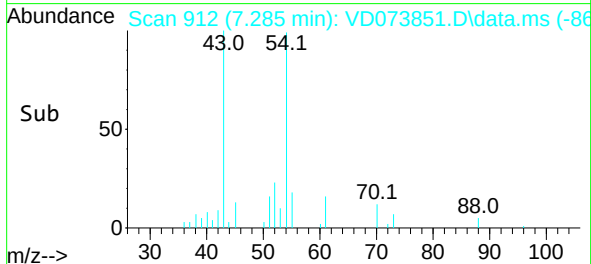
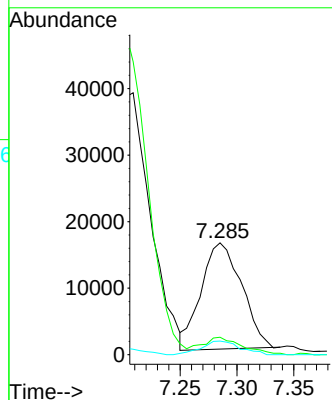
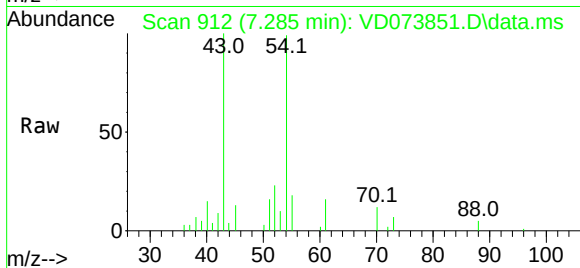
Tgt Ion: 43 Resp: 39707

Ion Ratio Lower Upper

43 100

61 15.1 9.8 14.8#

70 12.2 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 48.531 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

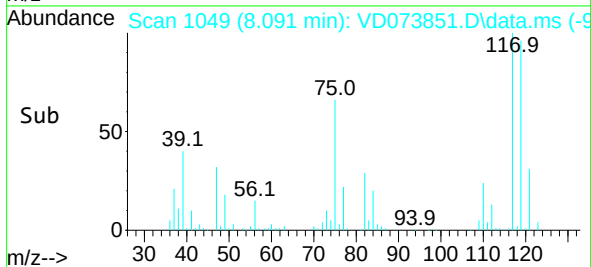
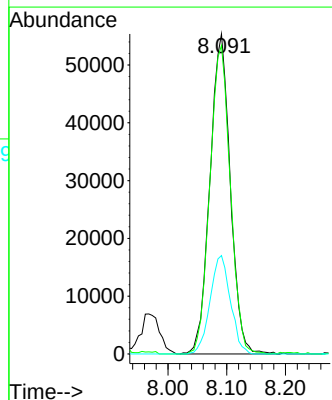
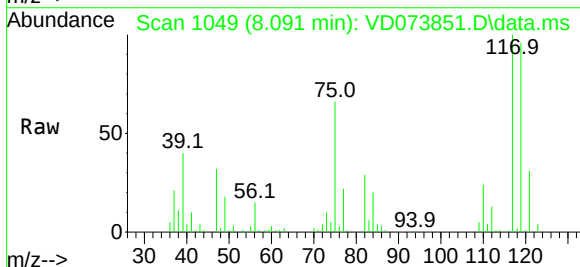
Tgt Ion: 117 Resp: 132843

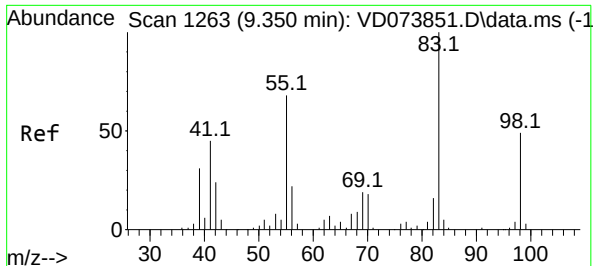
Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.6

121 30.8 24.5 36.7





#39

Methylcyclohexane

Concen: 47.120 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

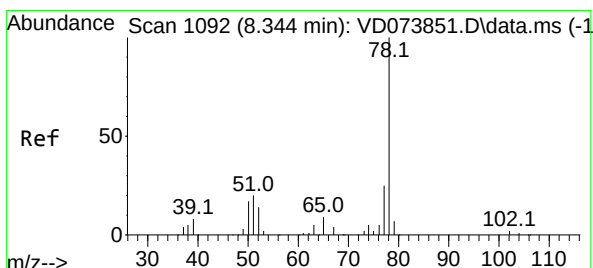
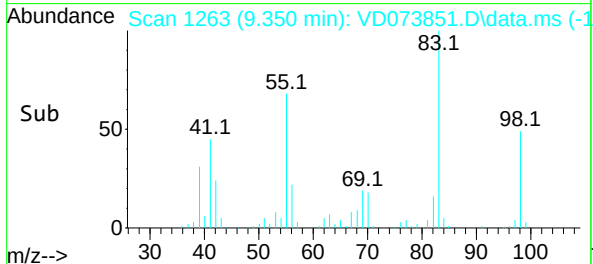
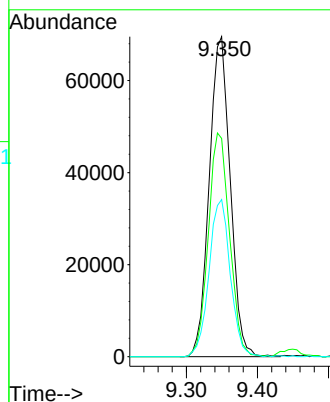
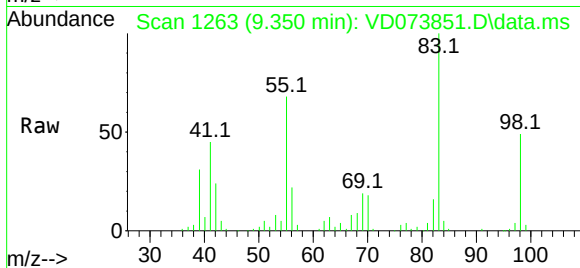
Tgt Ion: 83 Resp: 142743

Ion Ratio Lower Upper

83 100

55 68.2 63.2 94.8

98 49.1 38.2 57.4



#40

Benzene

Concen: 44.094 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073851.D

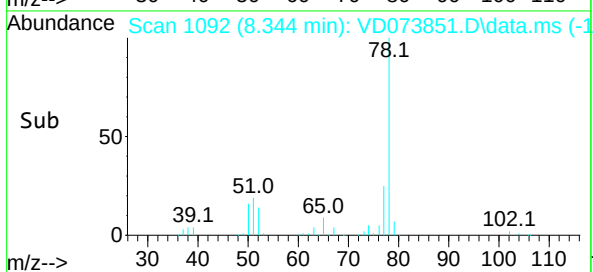
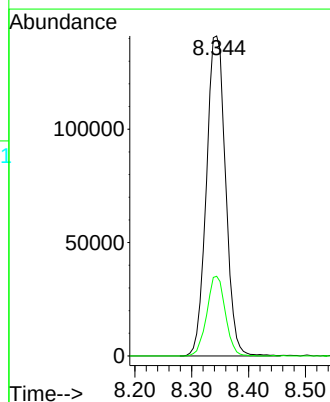
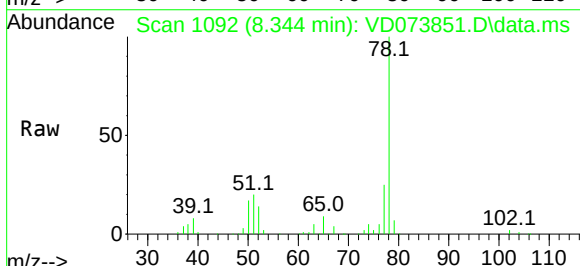
Acq: 18 Jul 2022 16:11

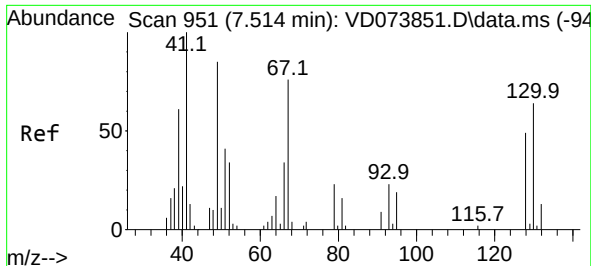
Tgt Ion: 78 Resp: 330296

Ion Ratio Lower Upper

78 100

77 24.9 19.1 28.7



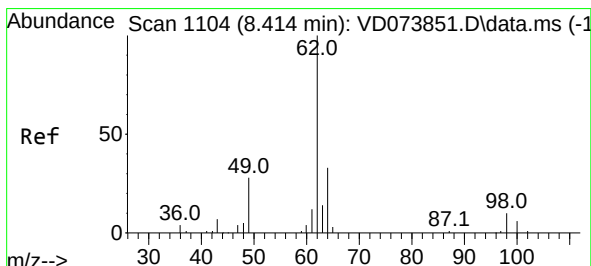
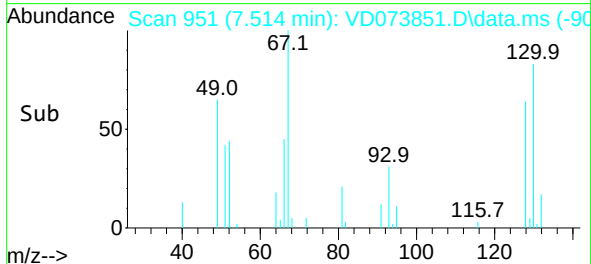
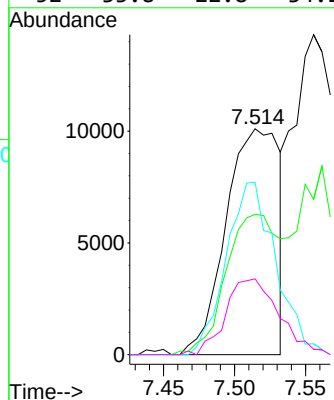
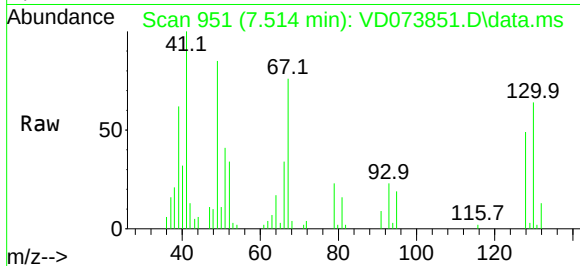


#41
Methacrylonitrile
Concen: 38.640 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 26349

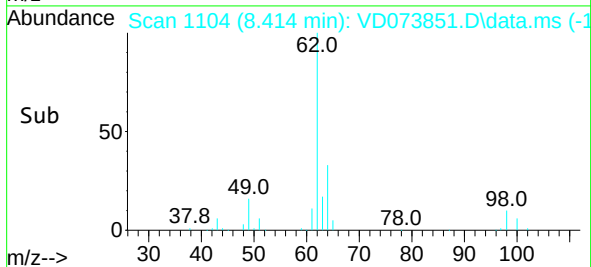
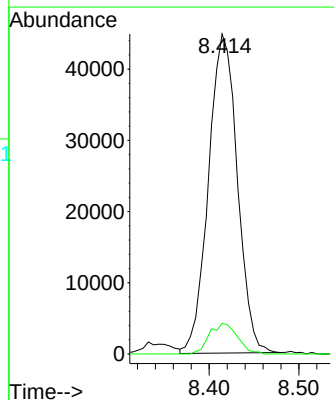
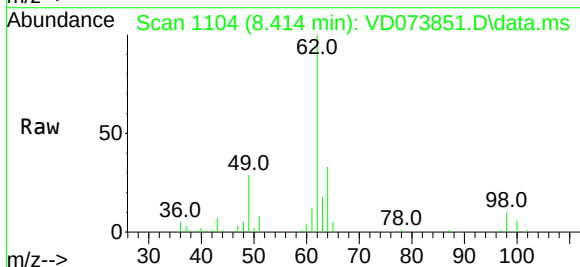
Ion	Ratio	Lower	Upper
41	100		
39	60.5	44.6	67.0
67	70.9	48.2	72.4
52	33.8	22.8	34.2

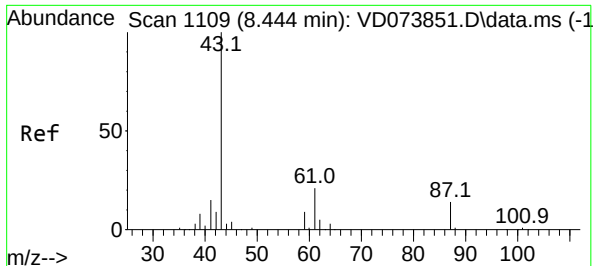


#42
1,2-Dichloroethane
Concen: 44.207 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion: 62 Resp: 100070

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.6

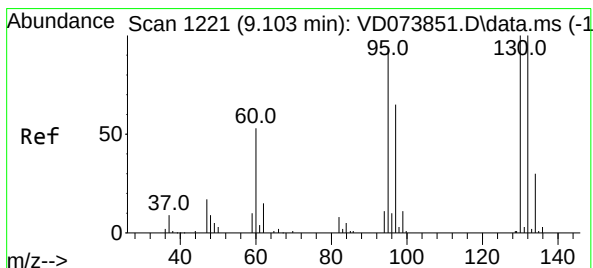
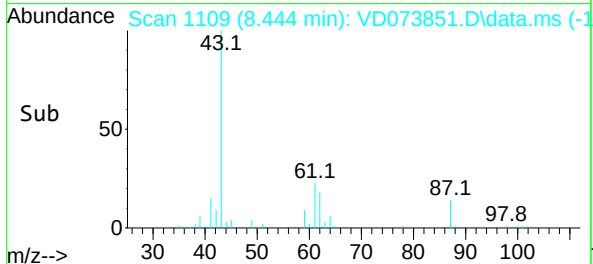
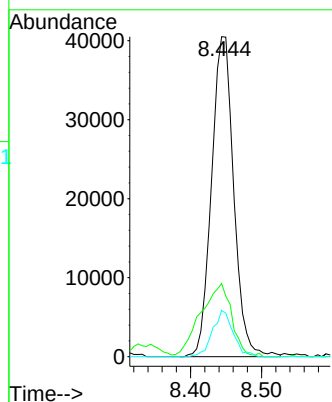
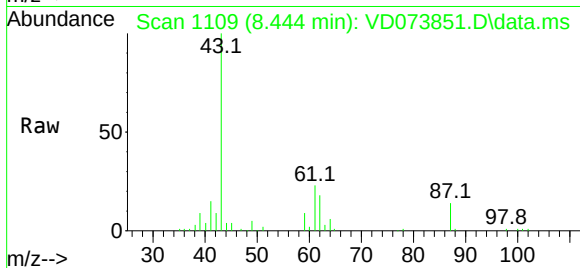




#43
Isopropyl Acetate
Concen: 40.706 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

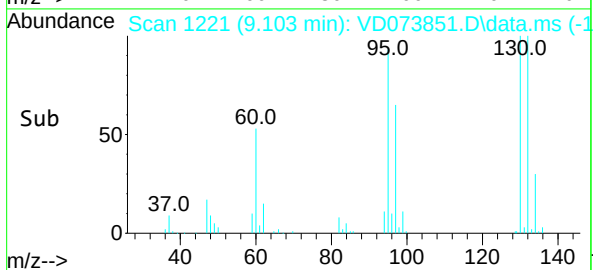
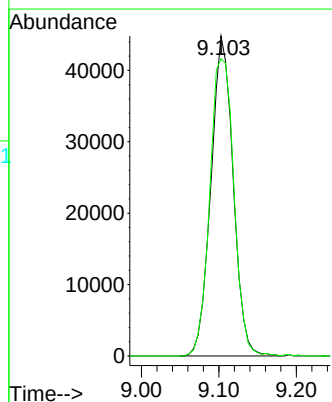
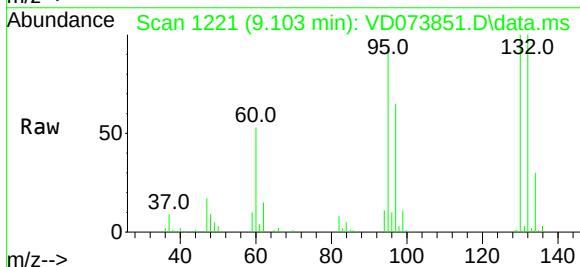
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

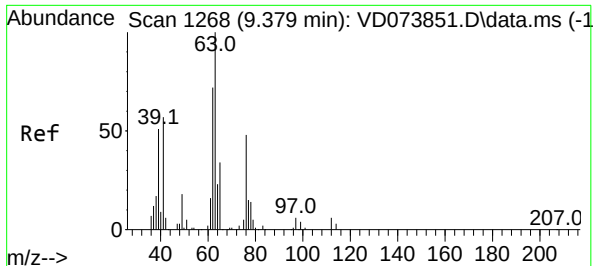
Tgt Ion: 43 Resp: 87960
Ion Ratio Lower Upper
43 100
61 32.0 22.4 33.6
87 13.4 8.7 13.1#



#44
Trichloroethene
Concen: 44.382 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion:130 Resp: 89109
Ion Ratio Lower Upper
130 100
95 92.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 40.337 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

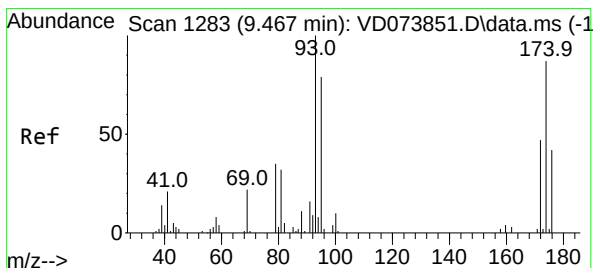
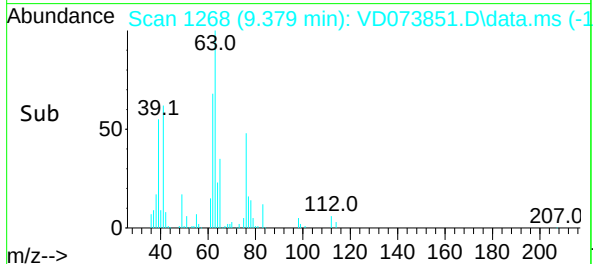
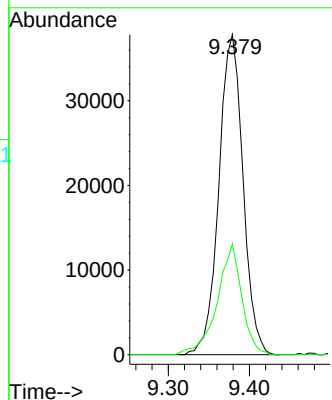
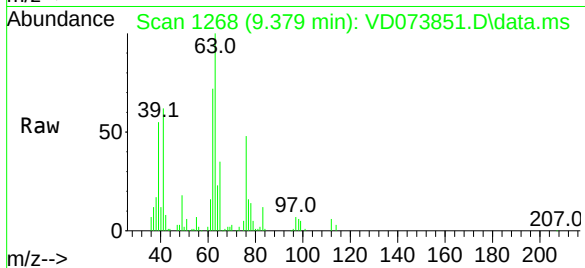
VSTDICCC050

Tgt Ion: 63 Resp: 78197

Ion Ratio Lower Upper

63 100

65 34.7 26.2 39.4



#46

Dibromomethane

Concen: 44.675 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

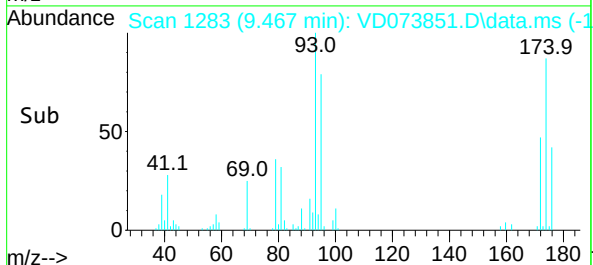
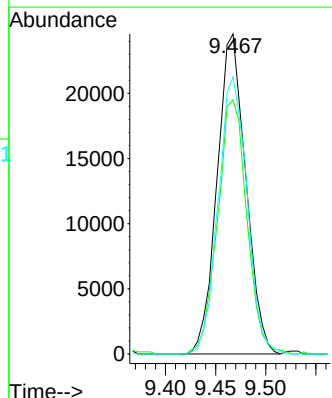
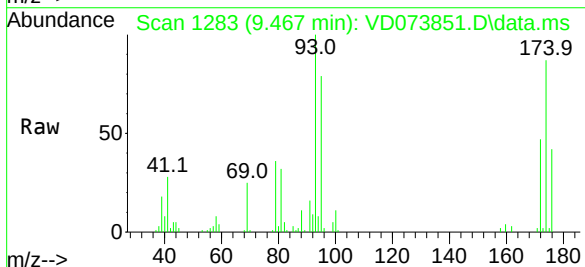
Tgt Ion: 93 Resp: 48707

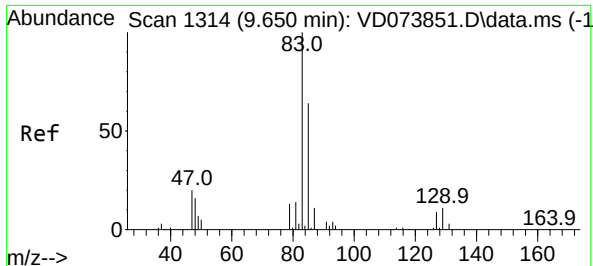
Ion Ratio Lower Upper

93 100

95 81.1 66.7 100.1

174 87.2 71.6 107.4





#47

Bromodichloromethane

Concen: 43.923 ug/l

RT: 9.650 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

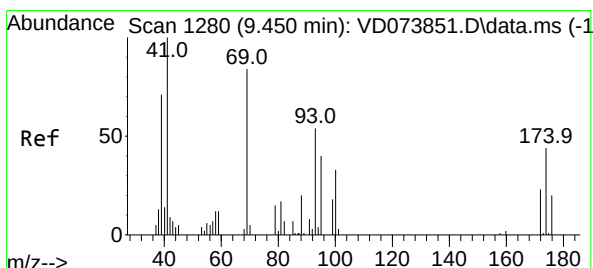
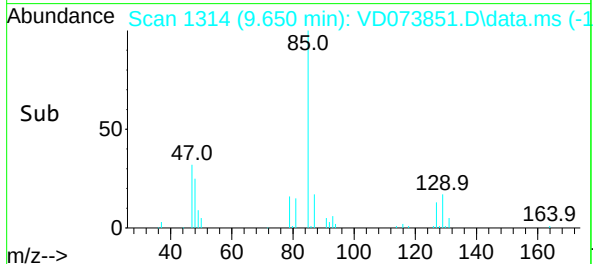
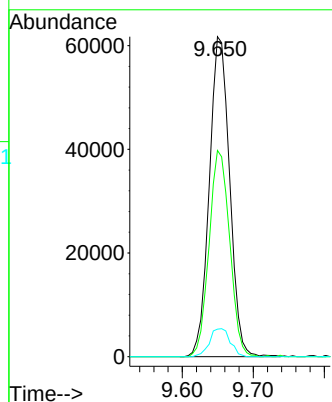
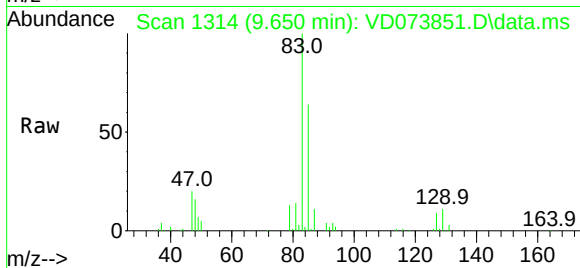
Tgt Ion: 83 Resp: 122565

Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.0

127 8.6 6.1 9.1



#48

Methyl methacrylate

Concen: 41.045 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

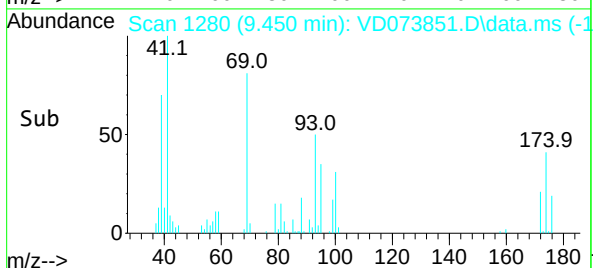
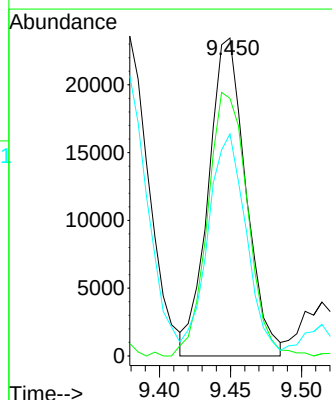
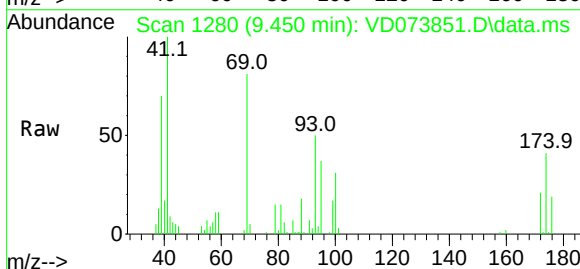
Tgt Ion: 41 Resp: 43122

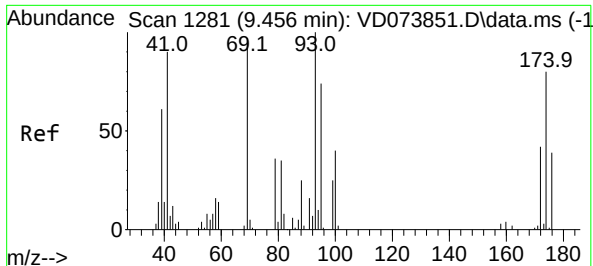
Ion Ratio Lower Upper

41 100

69 88.1 56.7 85.1#

39 71.2 42.7 64.1#





#49

1,4-Dioxane

Concen: 810.346 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

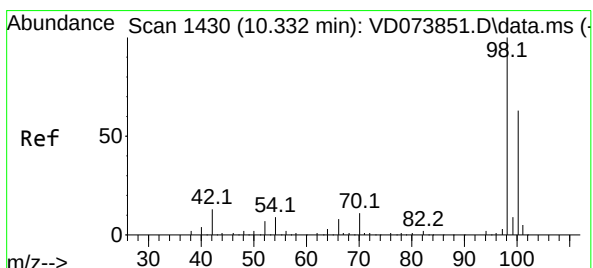
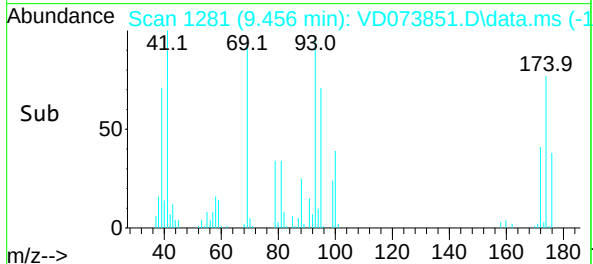
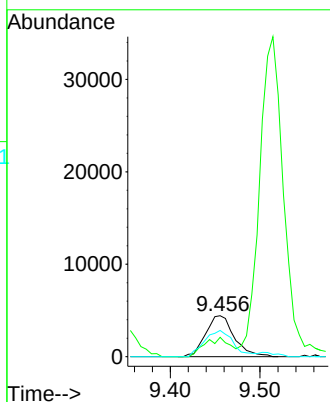
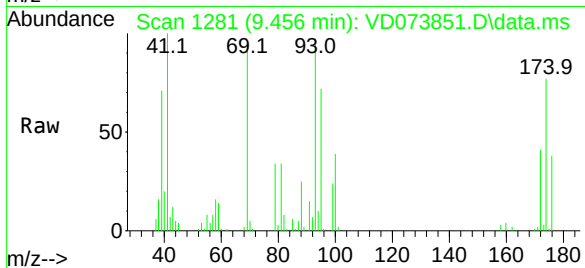
Tgt Ion: 88 Resp: 9821

Ion Ratio Lower Upper

88 100

43 41.5 31.0 46.4

58 65.2 58.1 87.1



#50

Toluene-d8

Concen: 51.694 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073851.D

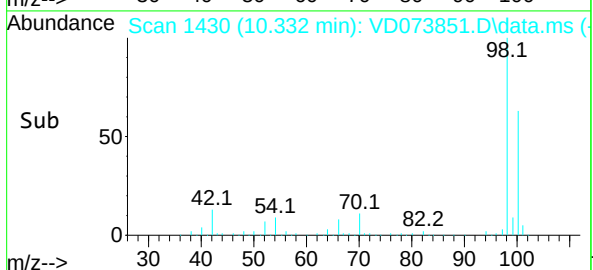
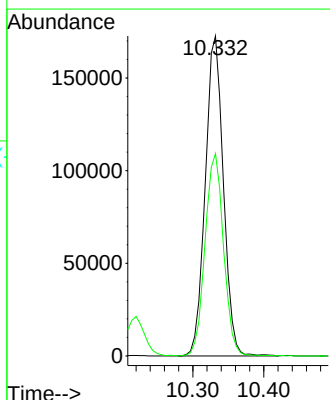
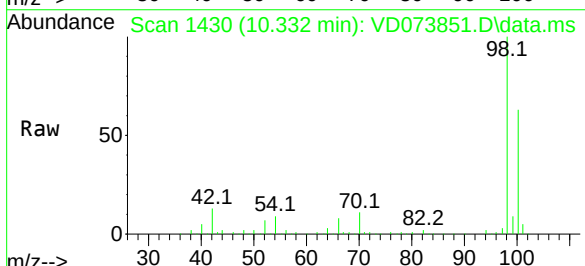
Acq: 18 Jul 2022 16:11

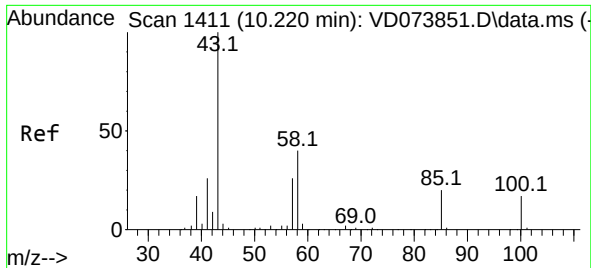
Tgt Ion: 98 Resp: 305944

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6

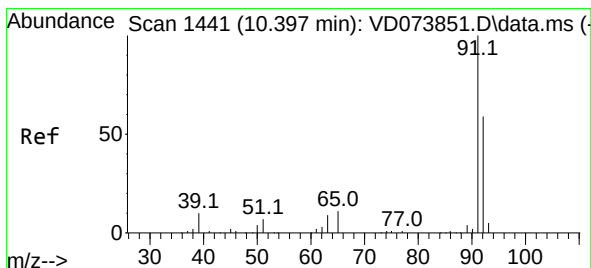
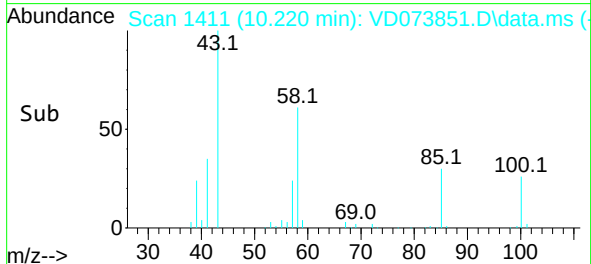
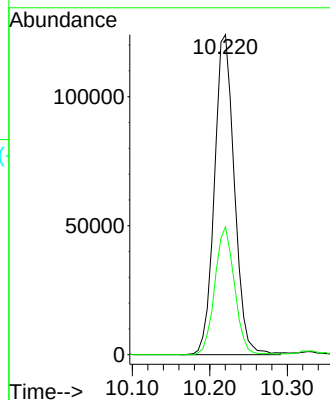
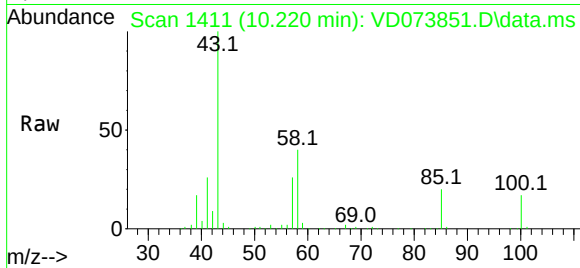




#51
4-Methyl-2-Pentanone
Concen: 198.671 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

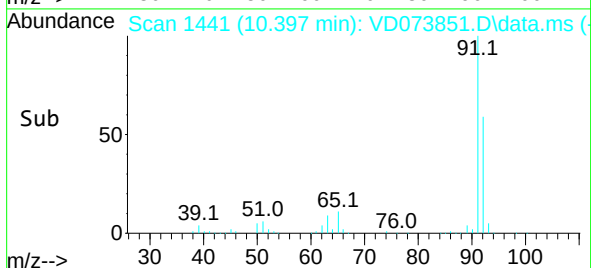
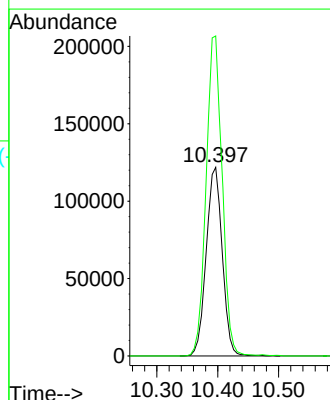
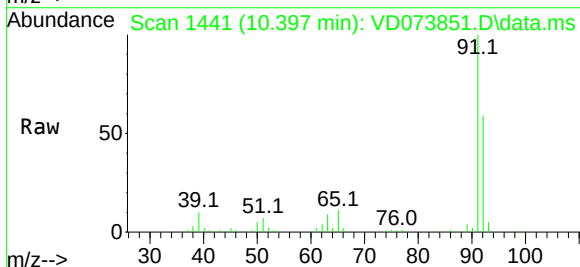
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

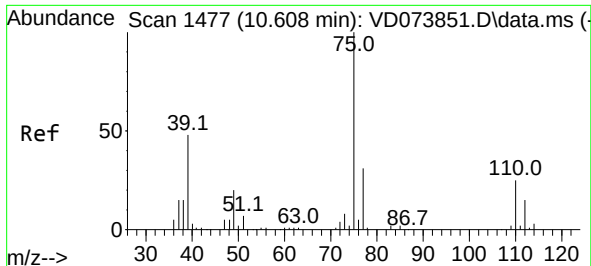
Tgt Ion: 43 Resp: 221763
Ion Ratio Lower Upper
43 100
58 39.4 28.6 43.0



#52
Toluene
Concen: 47.573 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion: 92 Resp: 223650
Ion Ratio Lower Upper
92 100
91 169.3 139.6 209.4

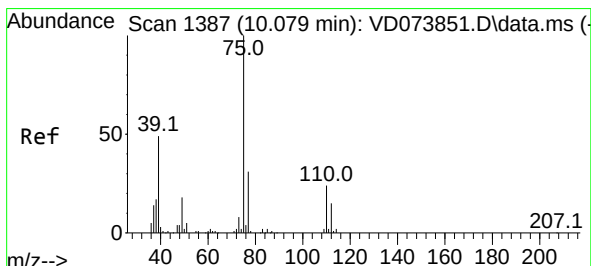
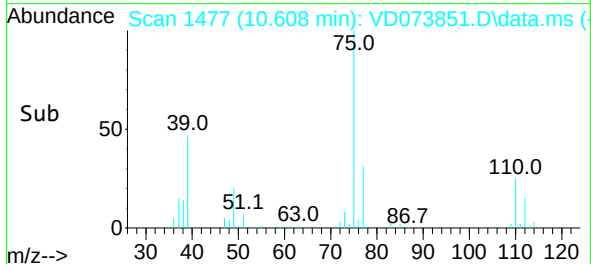
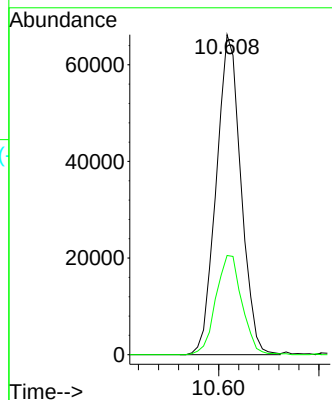
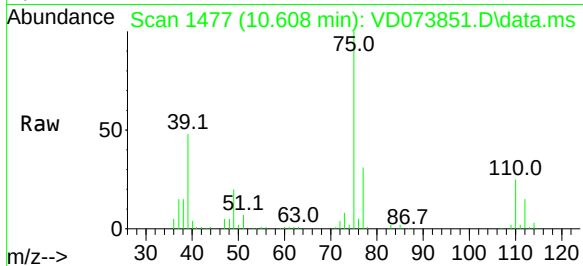




#53
t-1,3-Dichloropropene
Concen: 44.289 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

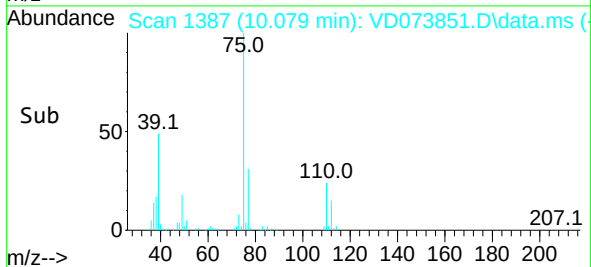
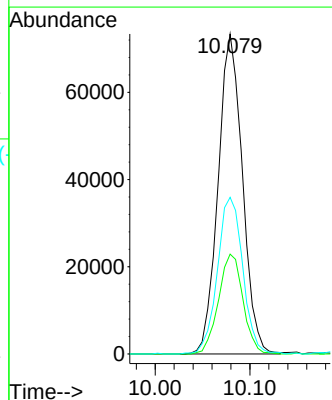
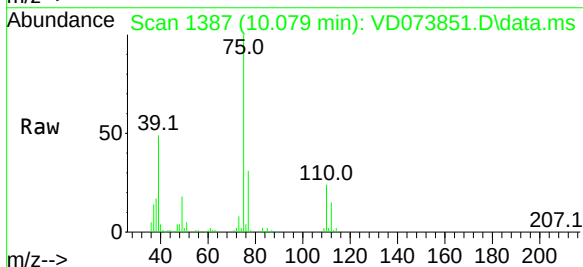
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

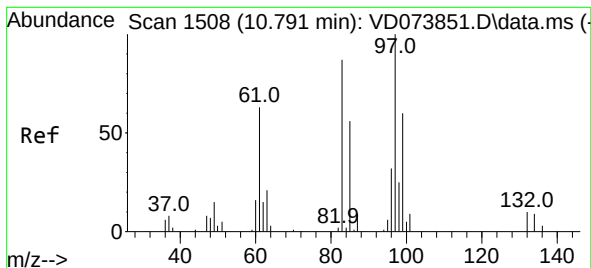
Tgt Ion: 75 Resp: 113236
Ion Ratio Lower Upper
75 100
77 31.0 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 44.016 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion: 75 Resp: 130978
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 48.9 46.8 70.2





#55

1,1,2-Trichloroethane

Concen: 41.802 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 60756

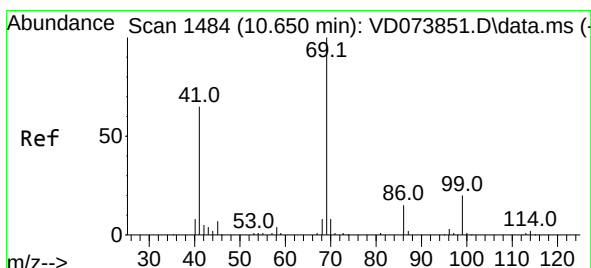
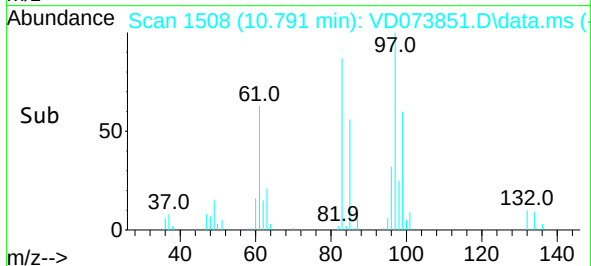
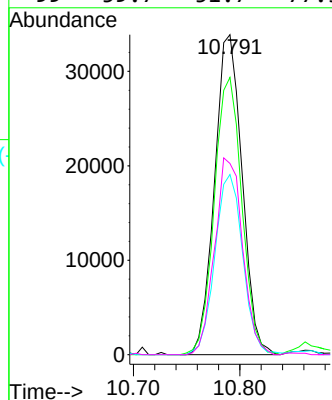
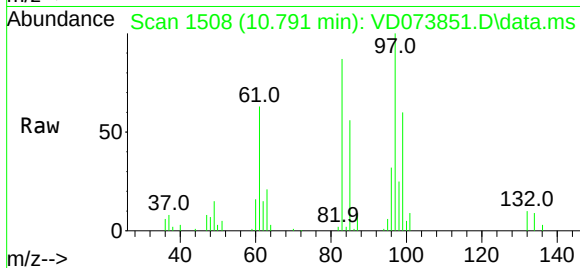
Ion Ratio Lower Upper

97 100

83 86.7 69.0 103.4

85 56.3 42.6 63.8

99 59.7 51.7 77.5



#56

Ethyl methacrylate

Concen: 43.918 ug/l

RT: 10.650 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

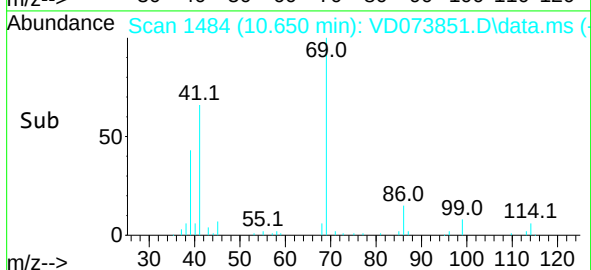
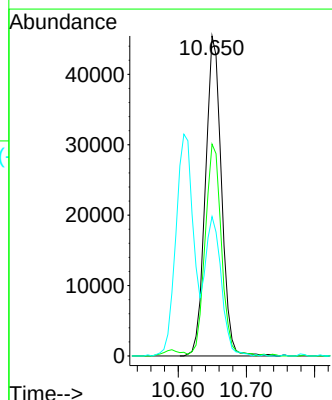
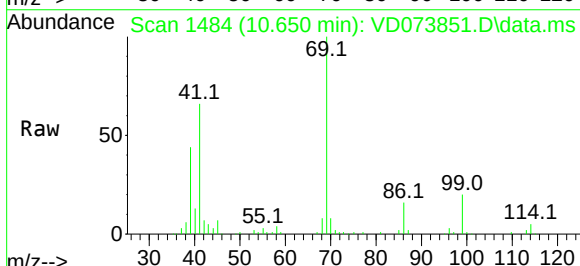
Tgt Ion: 69 Resp: 74499

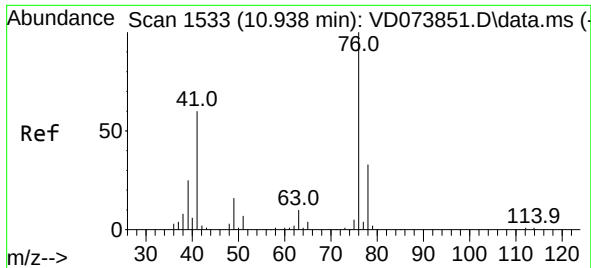
Ion Ratio Lower Upper

69 100

41 67.1 63.0 94.6

39 43.5 33.8 50.8





#57

1,3-Dichloropropane

Concen: 41.492 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

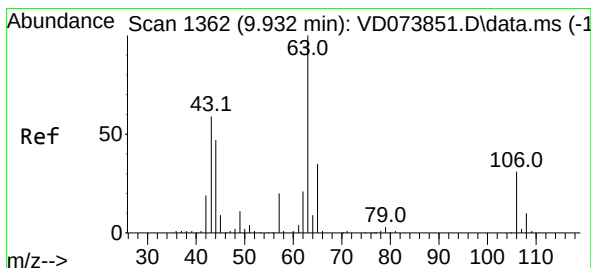
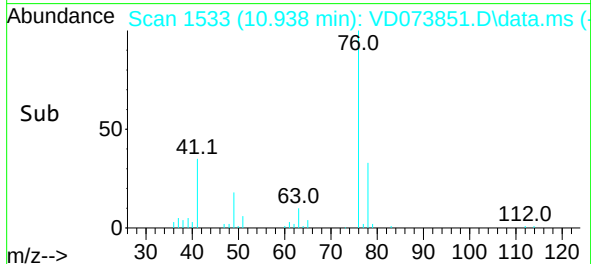
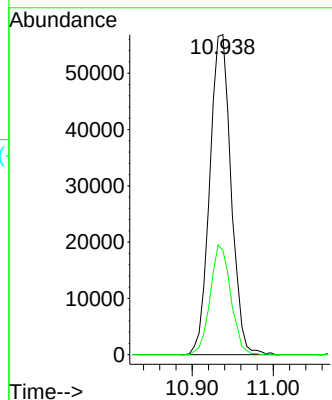
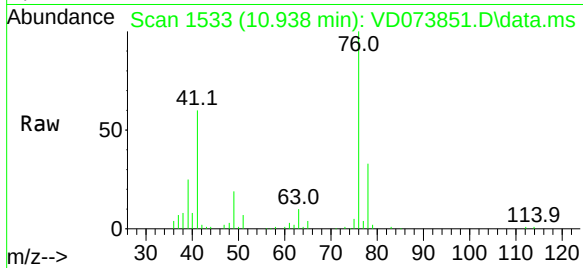
VSTDICCC050

Tgt Ion: 76 Resp: 103618

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 227.519 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073851.D

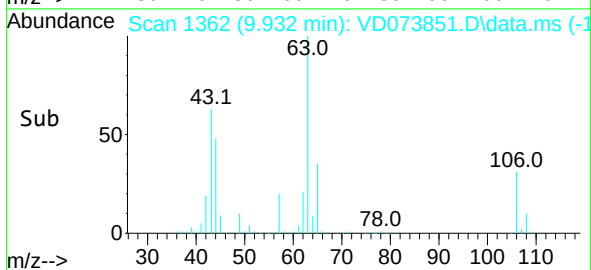
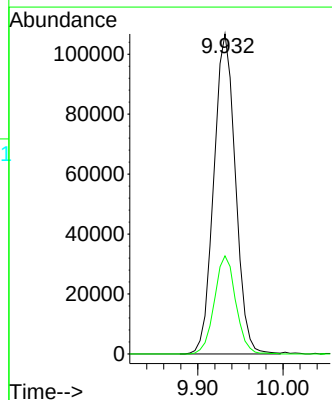
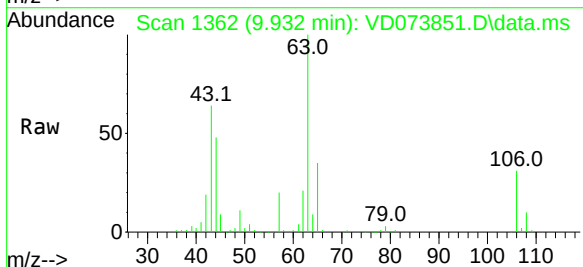
Acq: 18 Jul 2022 16:11

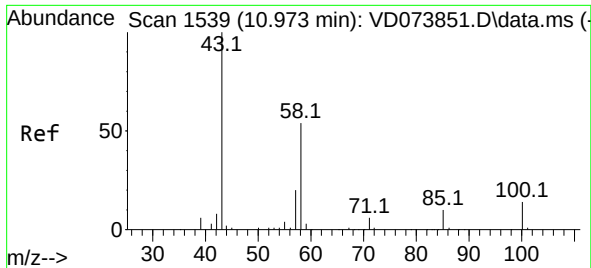
Tgt Ion: 63 Resp: 188127

Ion Ratio Lower Upper

63 100

106 30.3 21.4 32.0

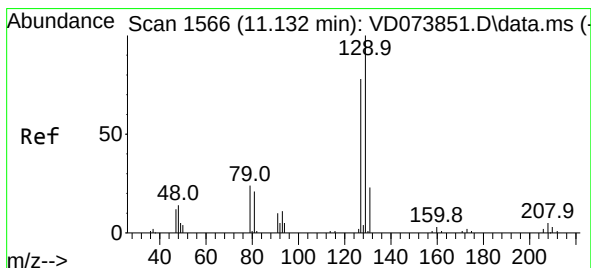
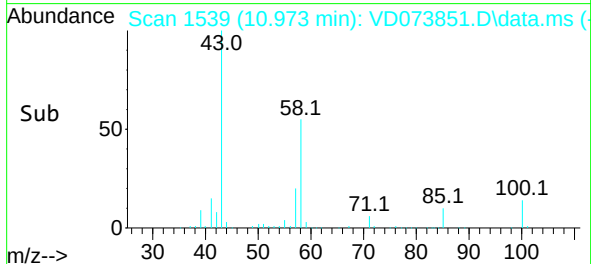
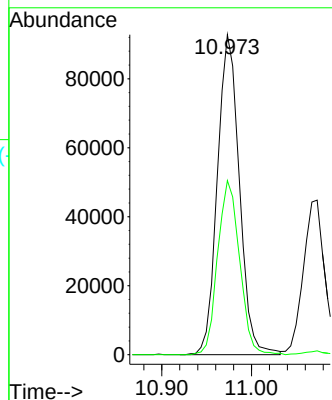
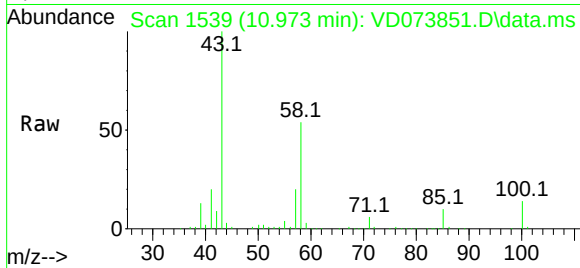




#59
2-Hexanone
Concen: 210.917 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

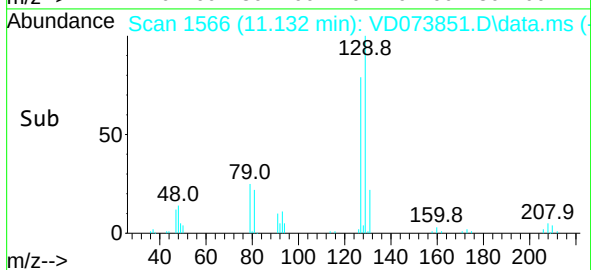
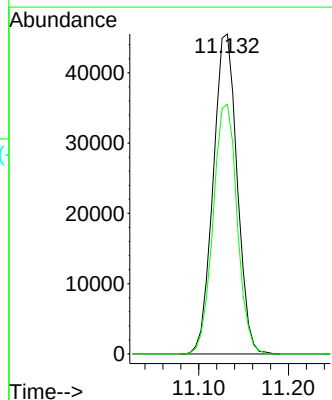
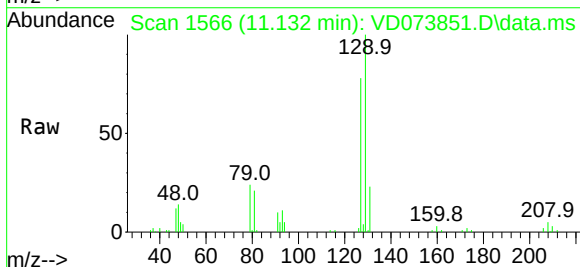
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

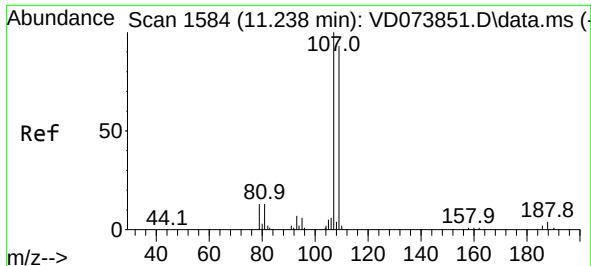
Tgt Ion: 43 Resp: 157804
Ion Ratio Lower Upper
43 100
58 54.3 25.3 75.9



#60
Dibromochloromethane
Concen: 45.308 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion: 129 Resp: 84315
Ion Ratio Lower Upper
129 100
127 78.3 39.2 117.6

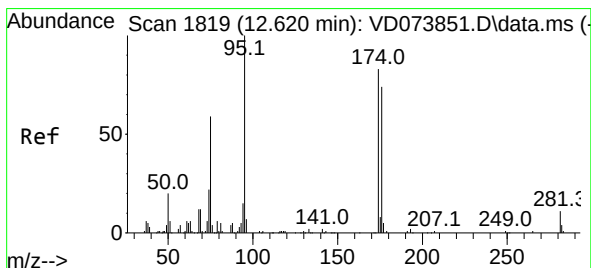
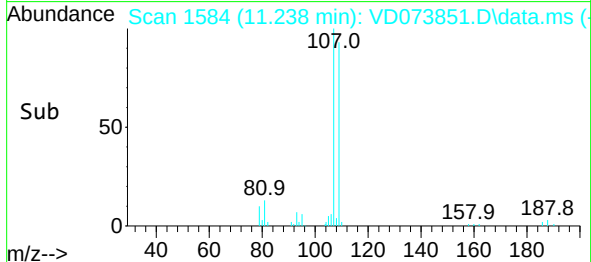
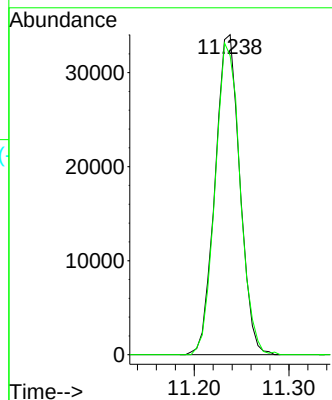
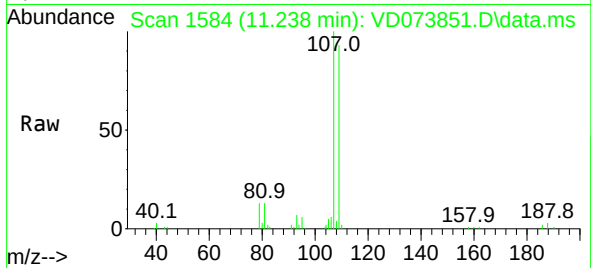




#61
1,2-Dibromoethane
Concen: 43.495 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

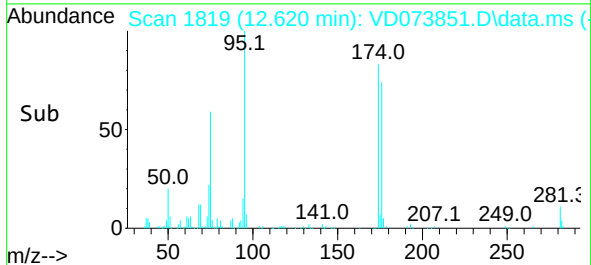
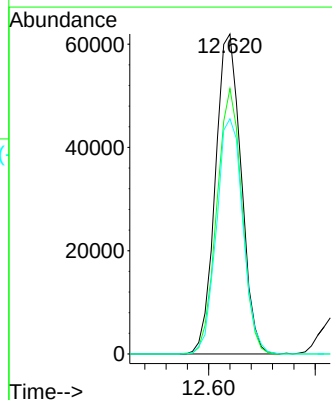
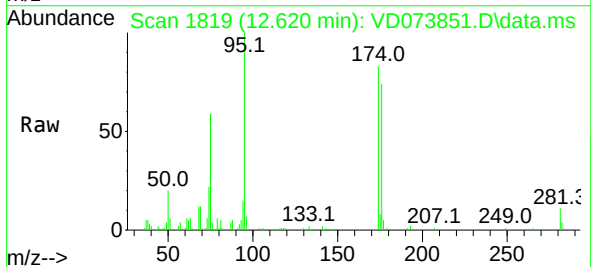
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

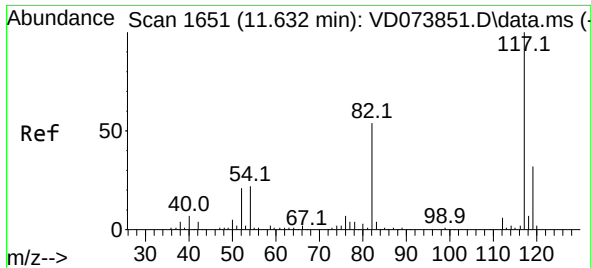
Tgt Ion:107 Resp: 61899
Ion Ratio Lower Upper
107 100
109 98.2 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 47.987 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion: 95 Resp: 104054
Ion Ratio Lower Upper
95 100
174 80.6 0.0 152.8
176 75.3 0.0 145.4

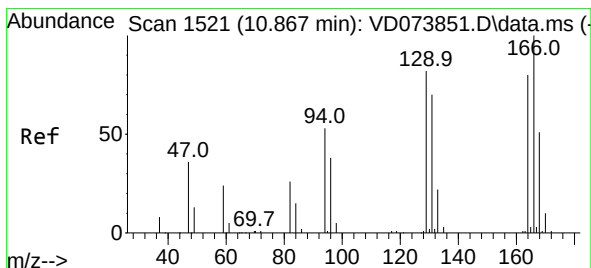
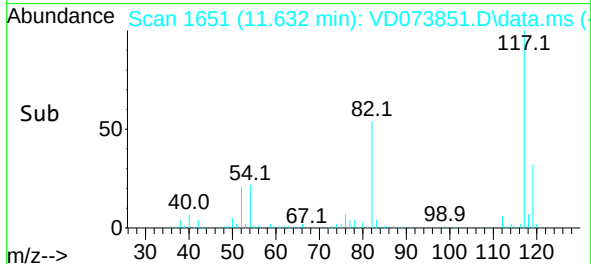
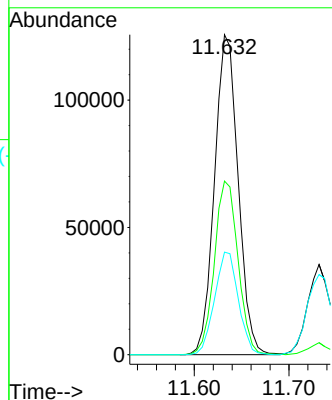
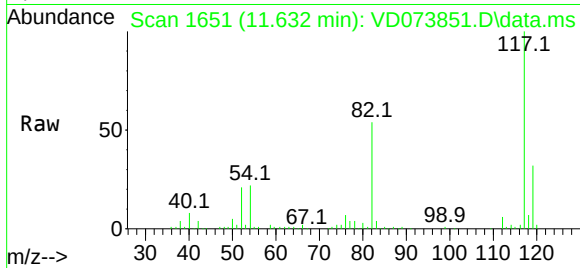




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

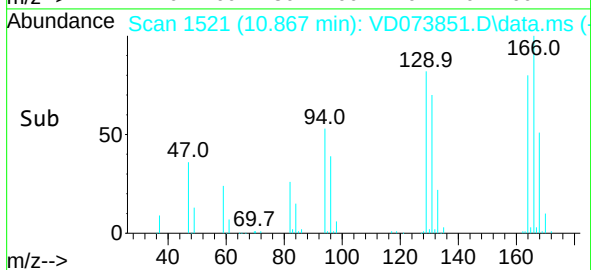
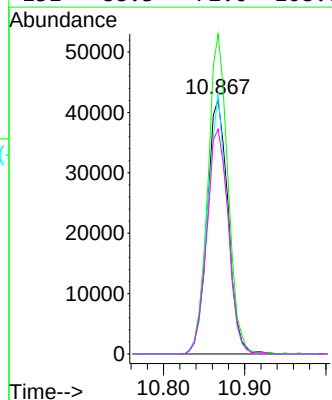
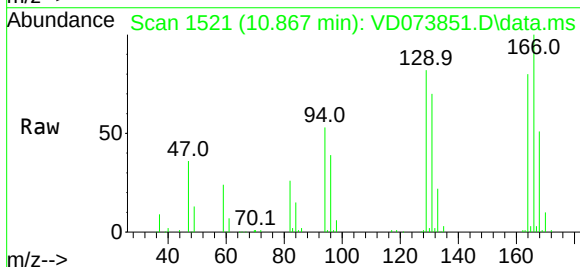
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

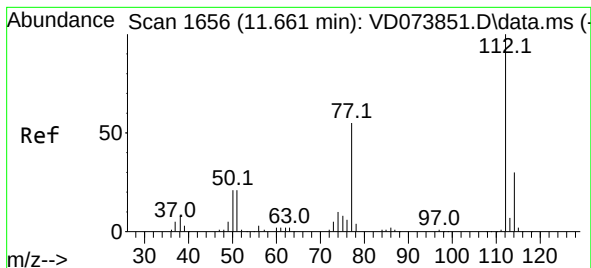
Tgt Ion:117 Resp: 218066
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 32.1 26.6 40.0



#64
Tetrachloroethene
Concen: 47.418 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion:164 Resp: 74858
Ion Ratio Lower Upper
164 100
166 125.7 98.5 147.7
129 102.6 74.6 111.8
131 88.3 72.0 108.0

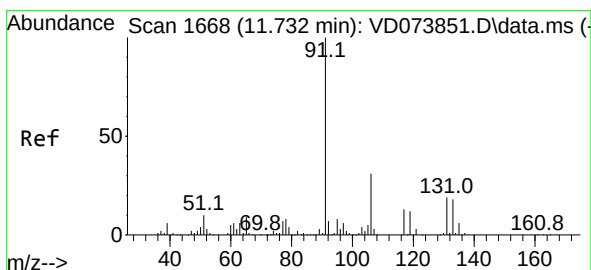
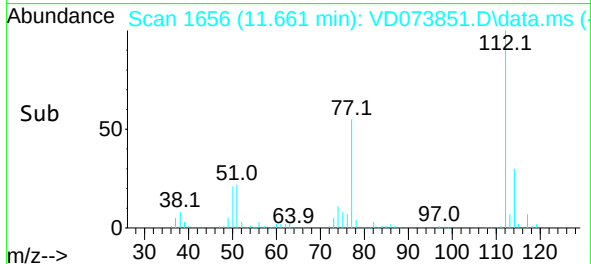
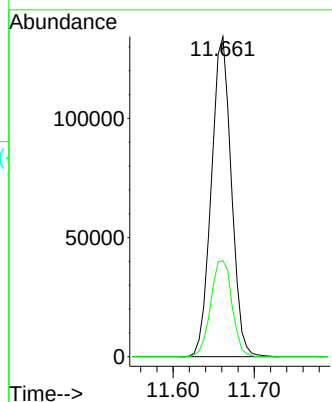
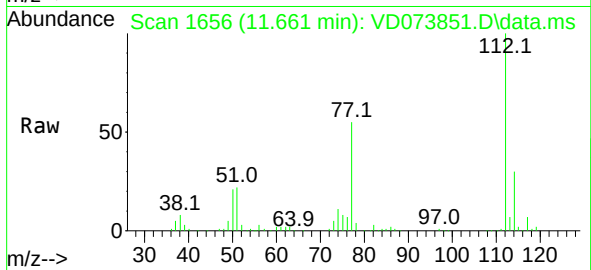




#65
Chlorobenzene
Concen: 46.319 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

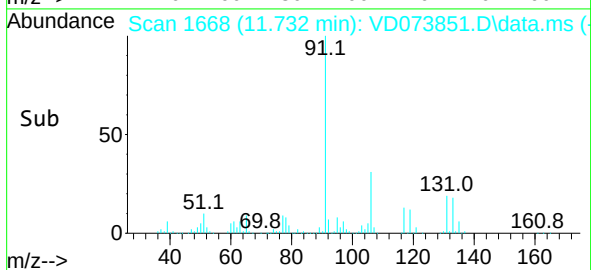
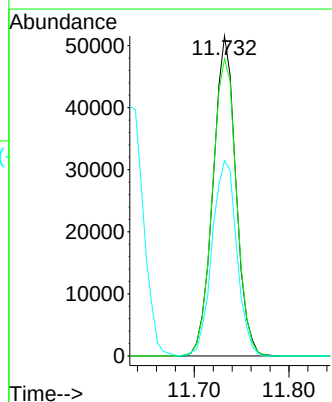
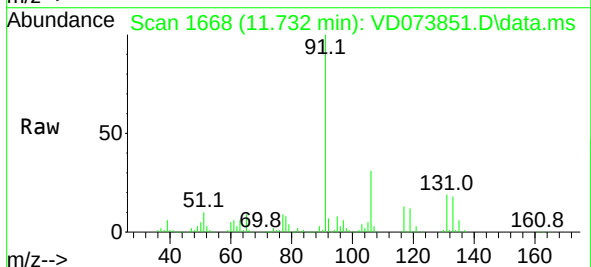
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

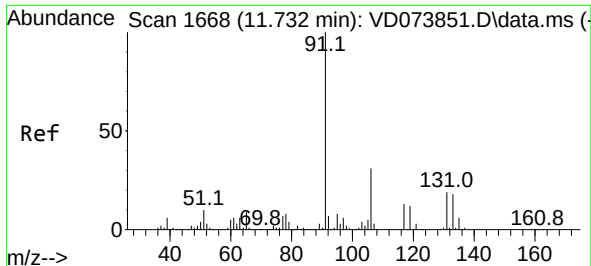
Tgt Ion:112 Resp: 229468
Ion Ratio Lower Upper
112 100
114 30.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 46.384 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion:131 Resp: 86231
Ion Ratio Lower Upper
131 100
133 97.8 48.1 144.3
119 66.0 31.9 95.9





#67

Ethyl Benzene

Concen: 49.498 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

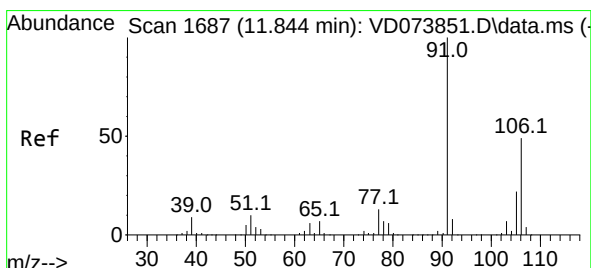
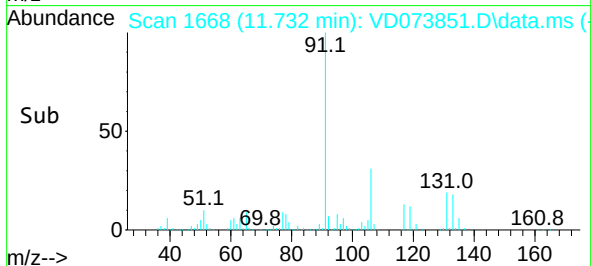
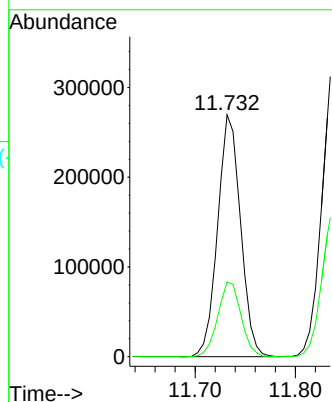
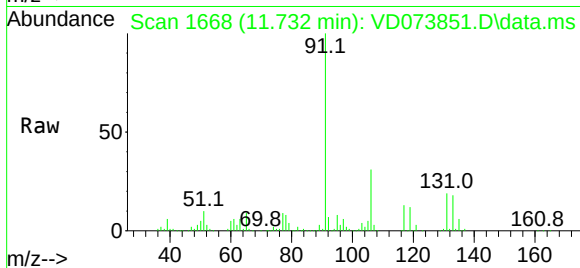
VSTDICCC050

Tgt Ion: 91 Resp: 426516

Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.4



#68

m/p-Xylenes

Concen: 103.827 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD073851.D

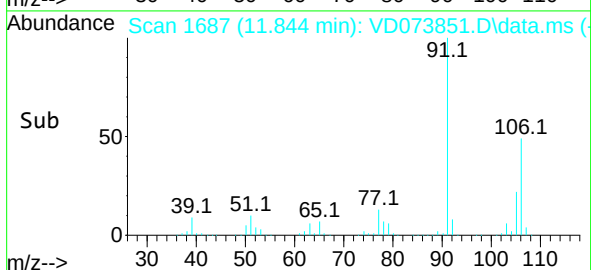
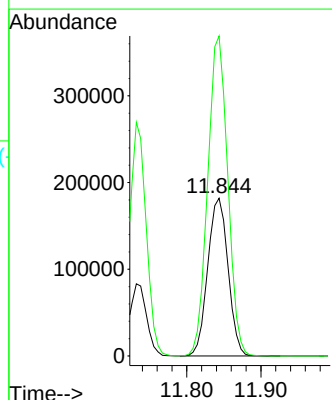
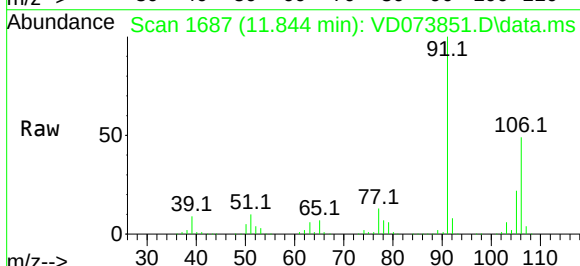
Acq: 18 Jul 2022 16:11

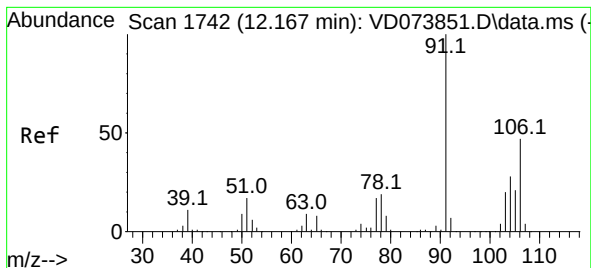
Tgt Ion:106 Resp: 346571

Ion Ratio Lower Upper

106 100

91 200.0 163.7 245.5





#69

o-Xylene

Concen: 51.342 ug/l

RT: 12.167 min Scan# 1742

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

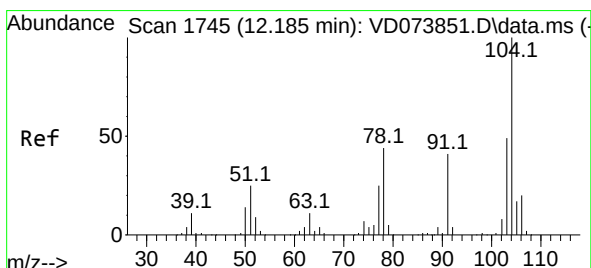
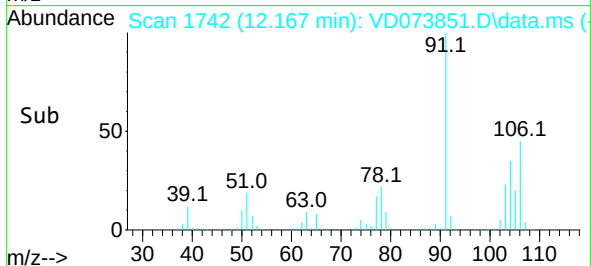
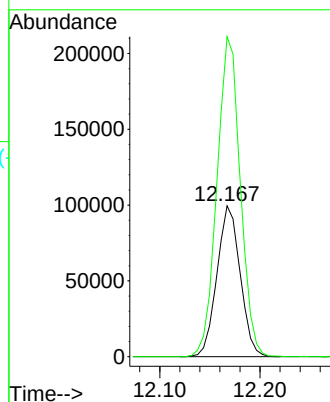
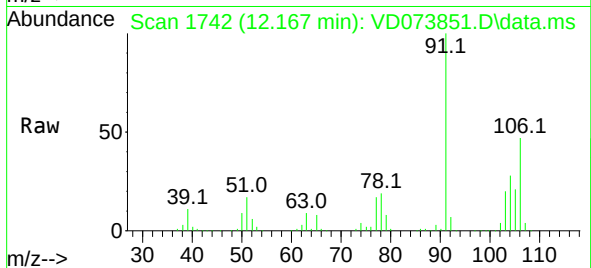
VSTDICCC050

Tgt Ion:106 Resp: 159728

Ion Ratio Lower Upper

106 100

91 213.5 110.4 331.2



#70

Styrene

Concen: 50.509 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

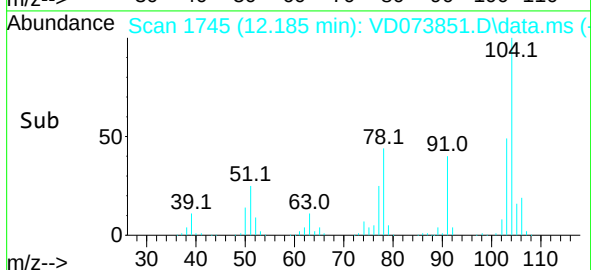
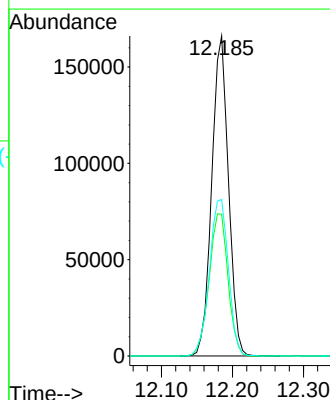
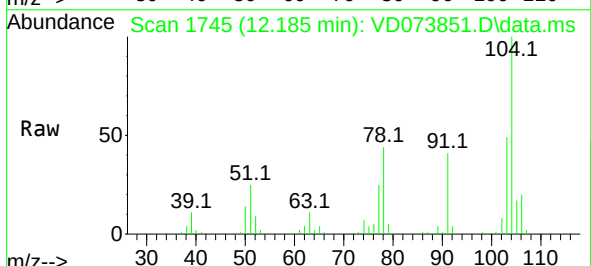
Tgt Ion:104 Resp: 271101

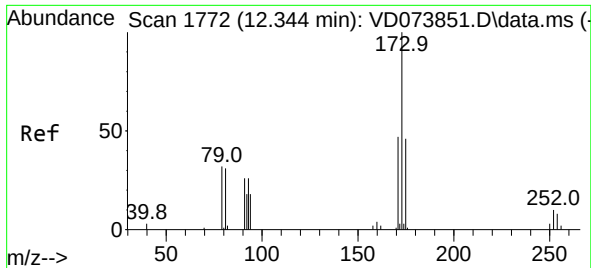
Ion Ratio Lower Upper

104 100

78 50.4 41.8 62.8

103 55.5 44.2 66.4

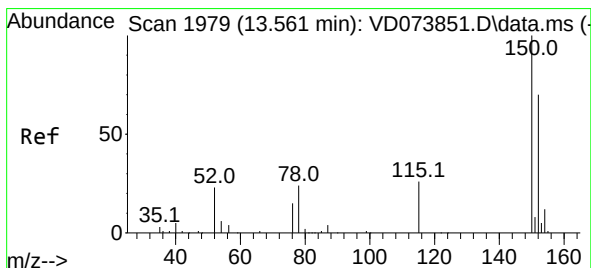
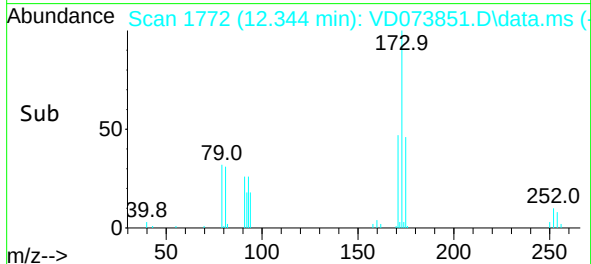
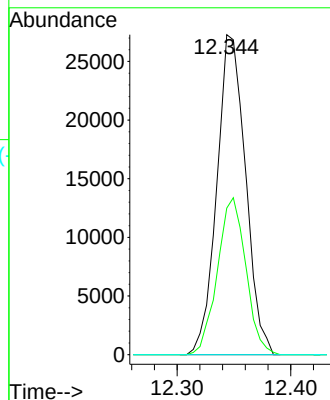
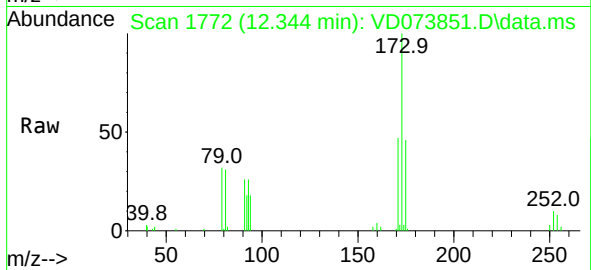




#71
Bromoform
Concen: 47.268 ug/l
RT: 12.344 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

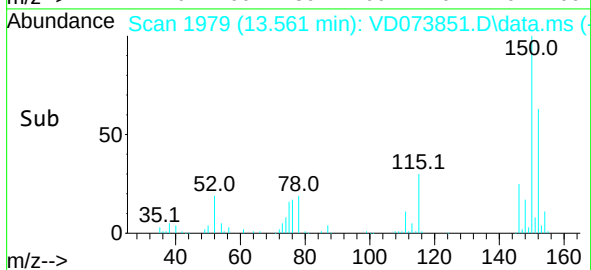
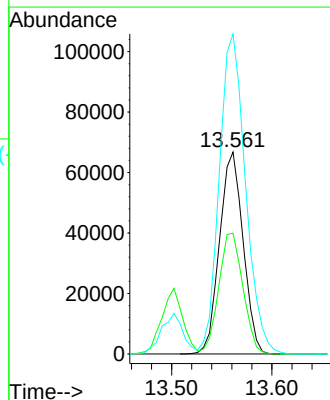
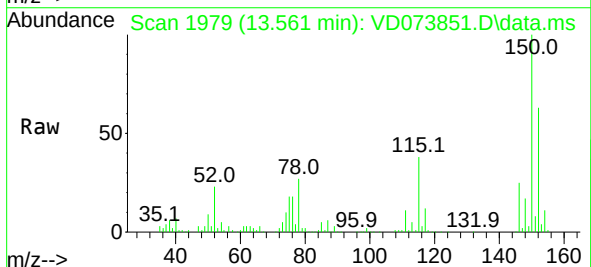
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

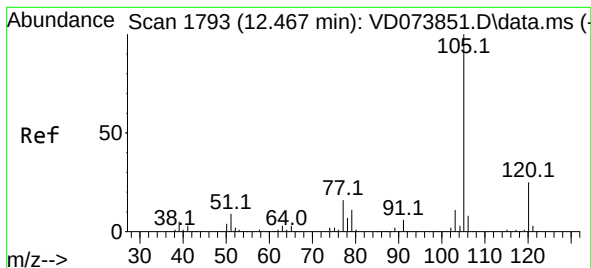
Tgt Ion:173 Resp: 47884
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion:152 Resp: 108748
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 176.3 0.0 348.6





#73

Isopropylbenzene

Concen: 50.684 ug/l

RT: 12.467 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

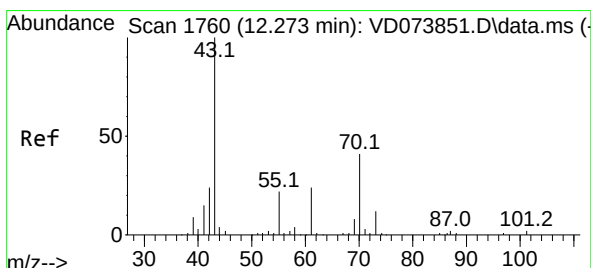
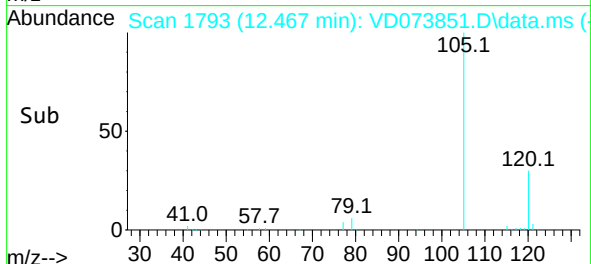
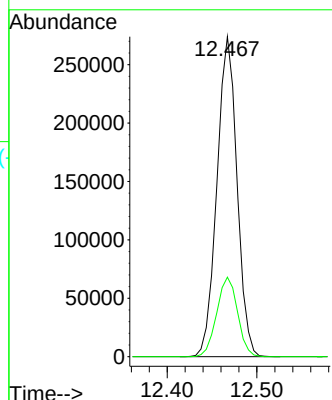
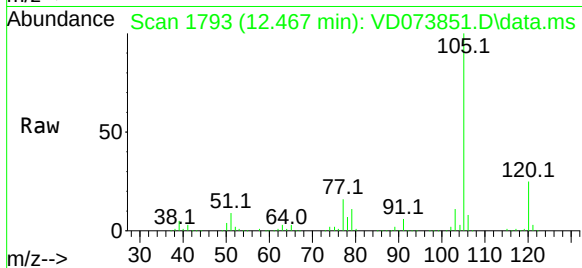
VSTDICCC050

Tgt Ion:105 Resp: 425783

Ion Ratio Lower Upper

105 100

120 25.7 13.0 38.9



#74

N-ethyl acetate

Concen: 41.893 ug/l

RT: 12.273 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Tgt Ion: 43 Resp: 84632

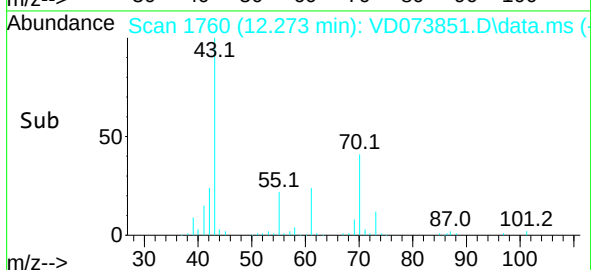
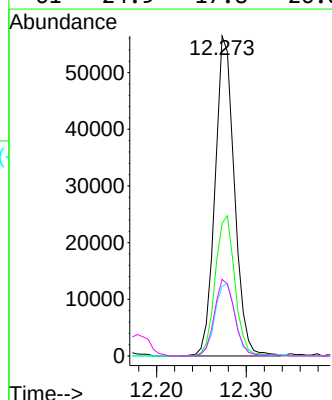
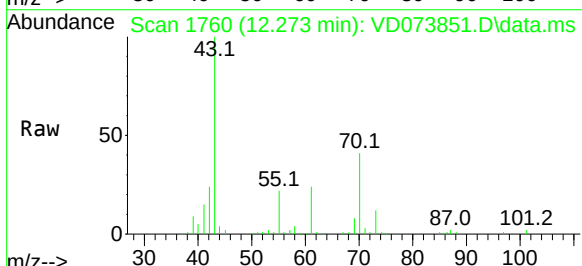
Ion Ratio Lower Upper

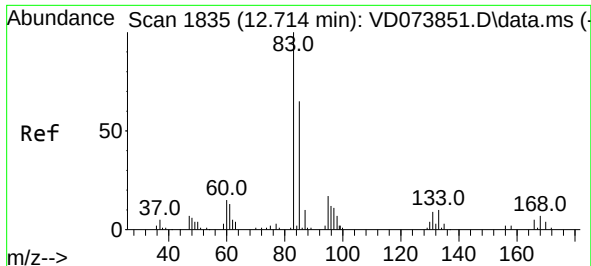
43 100

70 44.4 31.3 46.9

55 23.9 20.0 30.0

61 24.9 17.8 26.8

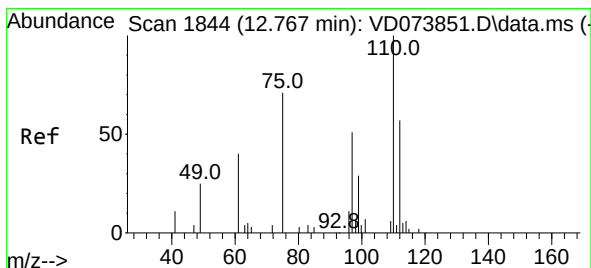
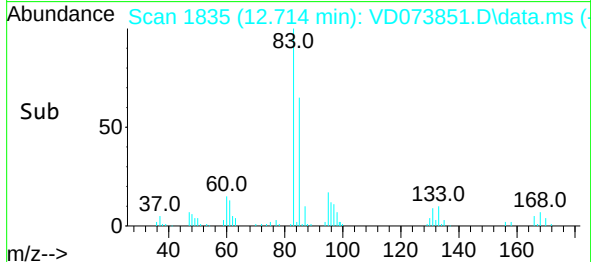
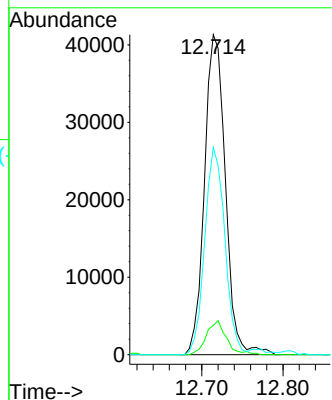
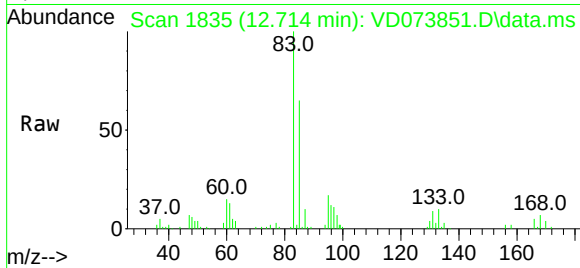




#75
1,1,2,2-Tetrachloroethane
Concen: 44.058 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

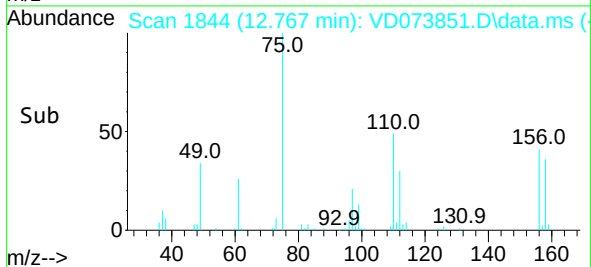
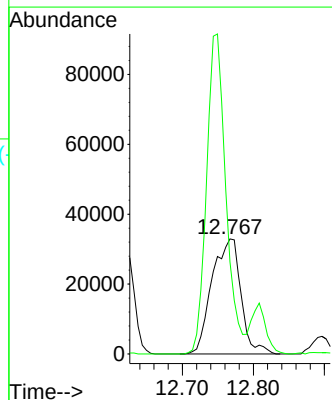
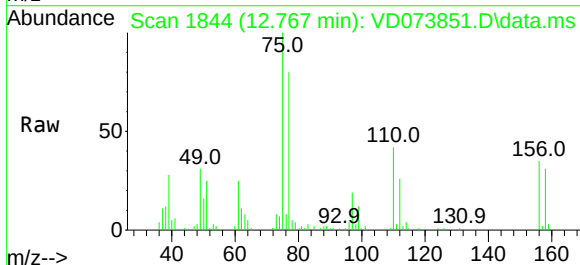
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

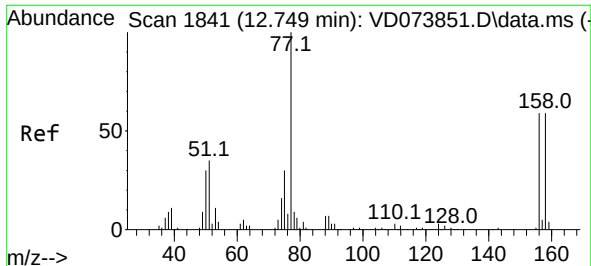
Tgt Ion: 83 Resp: 73823
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 62.3 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 79.730 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion: 75 Resp: 93167
Ion Ratio Lower Upper
75 100
77 185.7 0.0 0.0#

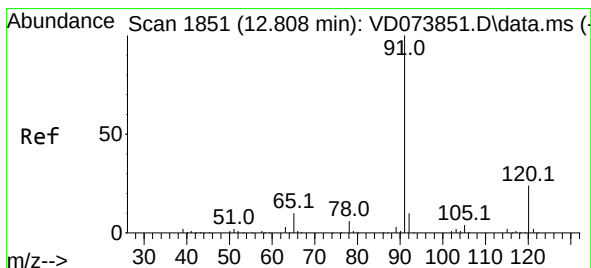
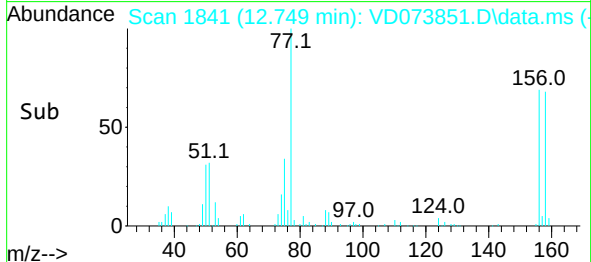
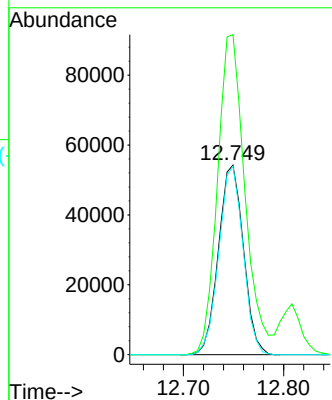
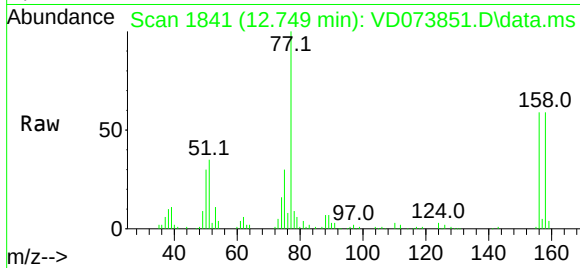




#77
Bromobenzene
Concen: 47.357 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

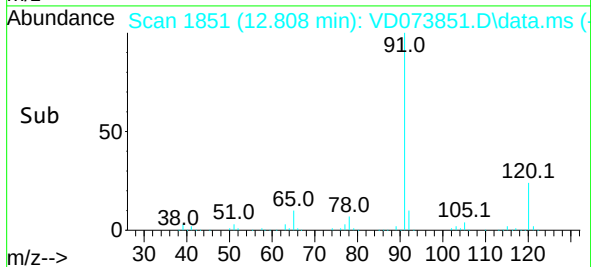
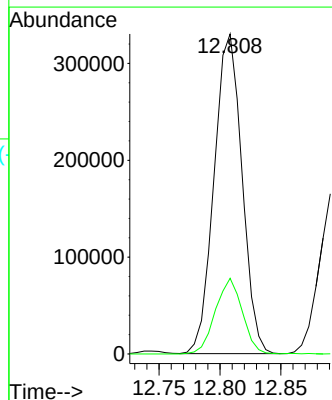
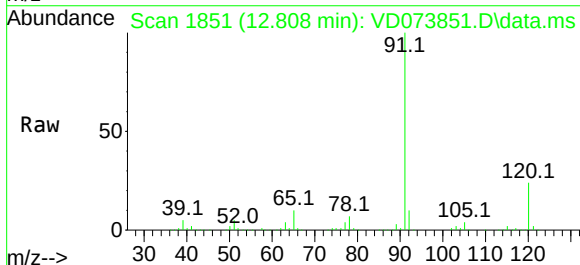
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

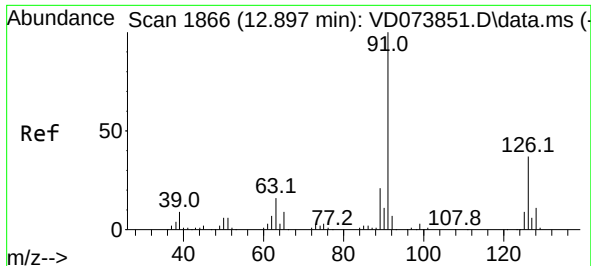
Tgt Ion:156 Resp: 93830
Ion Ratio Lower Upper
156 100
77 184.4 102.8 308.3
158 96.3 48.7 146.1



#78
n-propylbenzene
Concen: 49.880 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion: 91 Resp: 525853
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.9

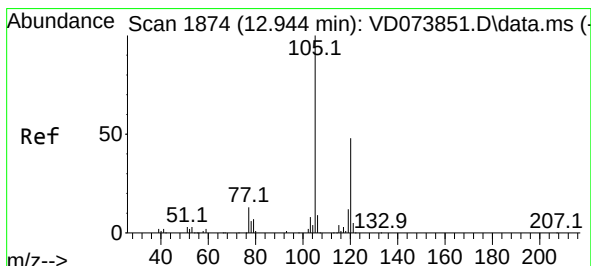
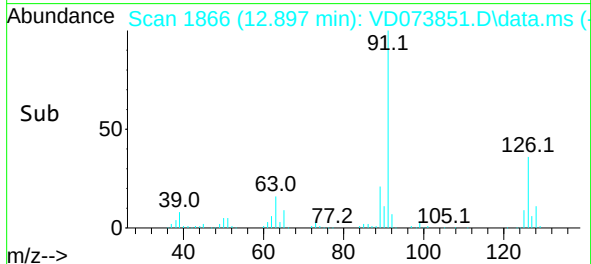
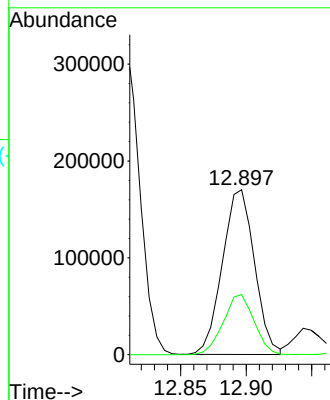
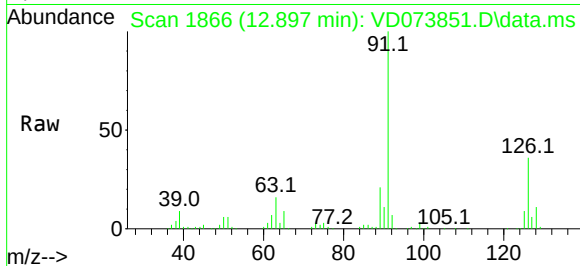




#79
2-Chlorotoluene
Concen: 47.204 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

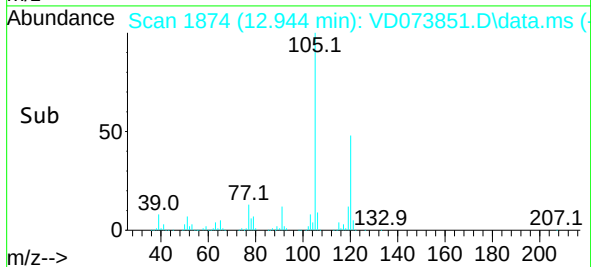
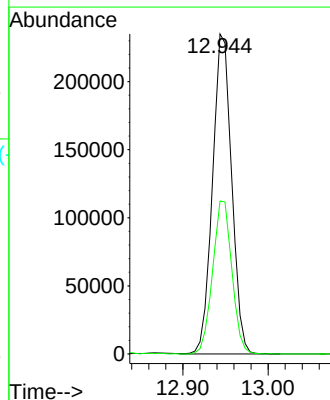
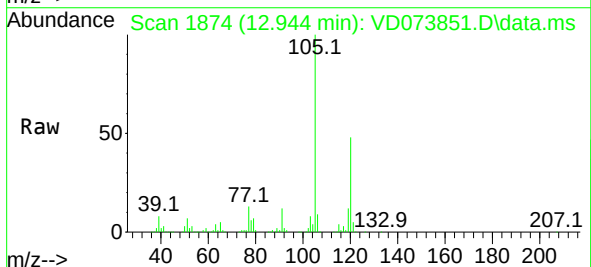
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

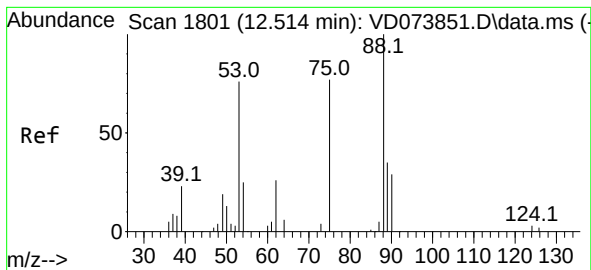
Tgt Ion: 91 Resp: 289590
Ion Ratio Lower Upper
91 100
126 35.1 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 51.401 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion: 105 Resp: 366077
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8

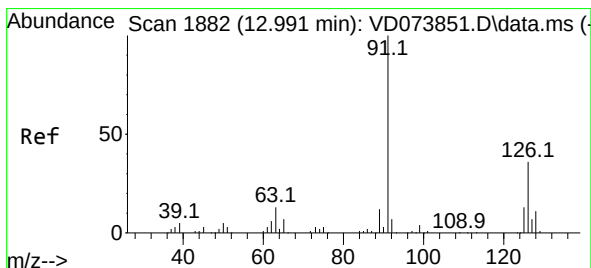
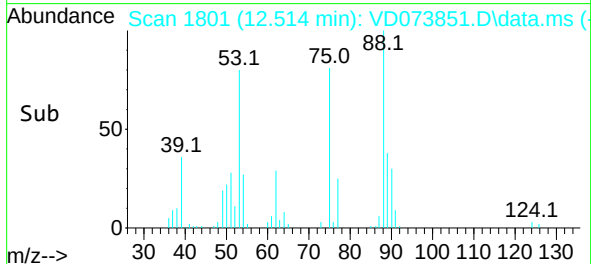
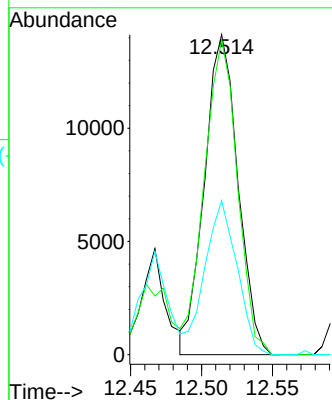
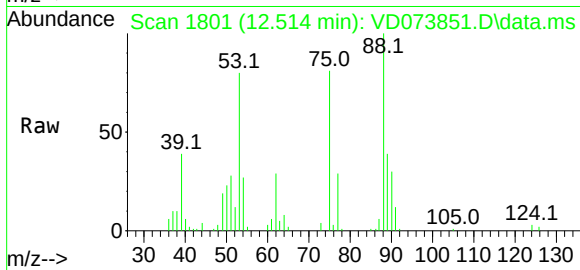




#81
trans-1,4-Dichloro-2-butene
Concen: 45.108 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

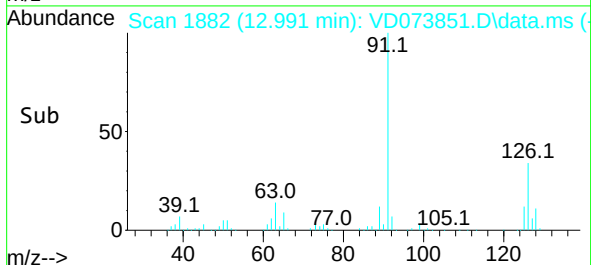
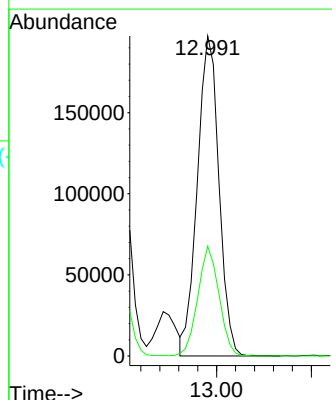
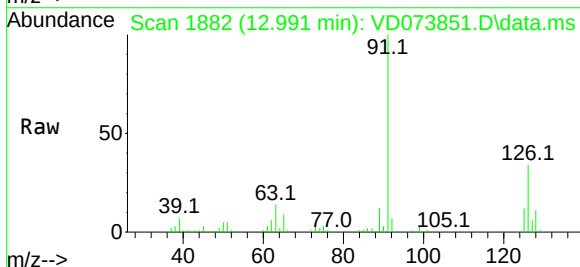
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

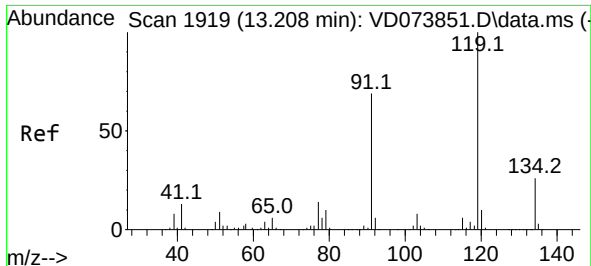
Tgt Ion: 75 Resp: 23107
Ion Ratio Lower Upper
75 100
53 97.1 86.5 129.7
89 46.7 33.9 50.9



#82
4-Chlorotoluene
Concen: 48.480 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion: 91 Resp: 311906
Ion Ratio Lower Upper
91 100
126 33.7 16.5 49.5

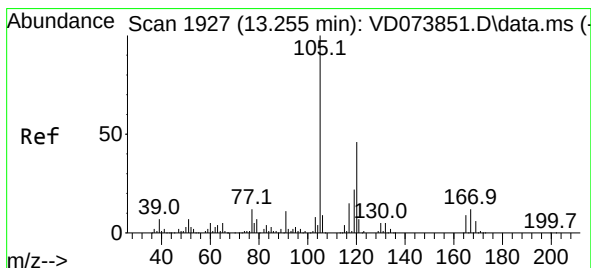
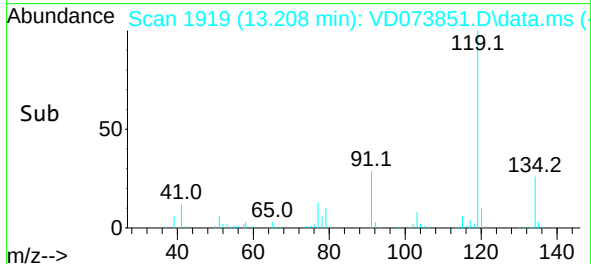
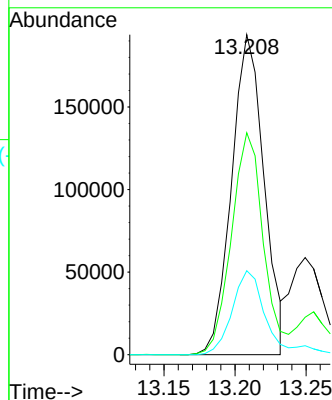
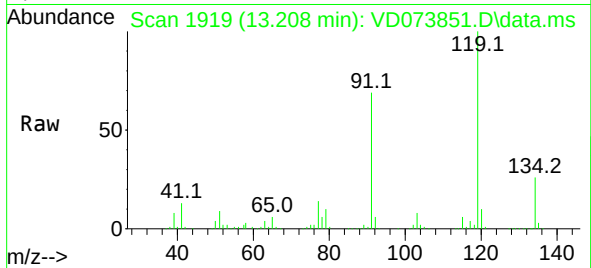




#83
 tert-Butylbenzene
 Concen: 50.963 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD073851.D
 Acq: 18 Jul 2022 16:11

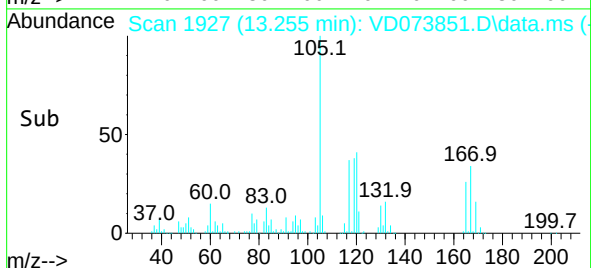
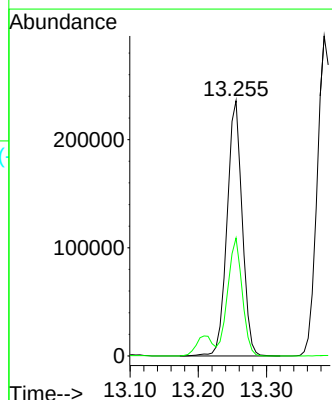
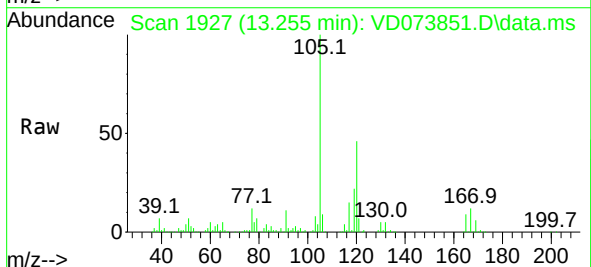
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

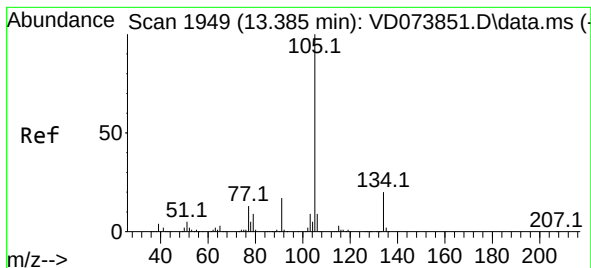
Tgt Ion:119 Resp: 308807
 Ion Ratio Lower Upper
 119 100
 91 68.3 34.8 104.5
 134 27.5 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.989 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD073851.D
 Acq: 18 Jul 2022 16:11

Tgt Ion:105 Resp: 363312
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 51.428 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

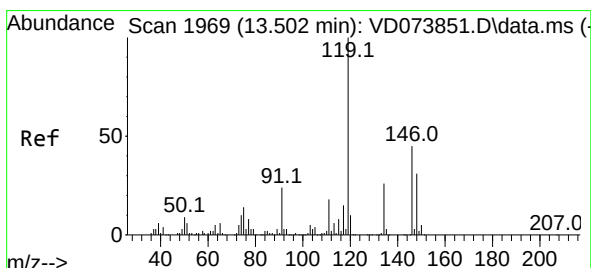
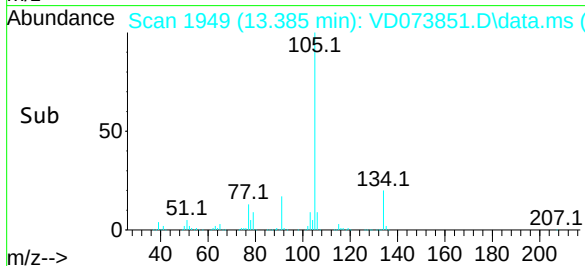
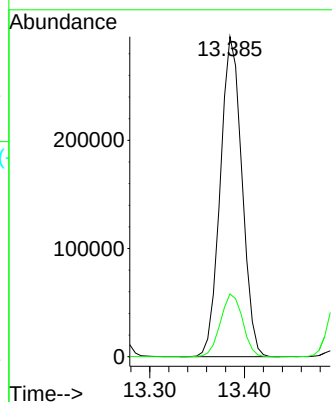
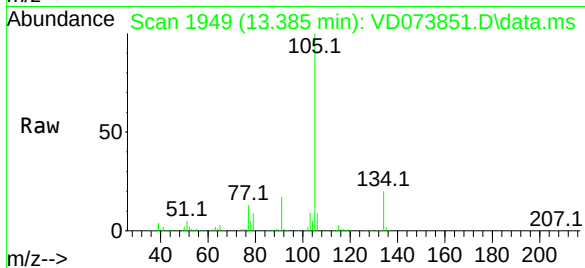
VSTDICCC050

Tgt Ion:105 Resp: 470419

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 53.715 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

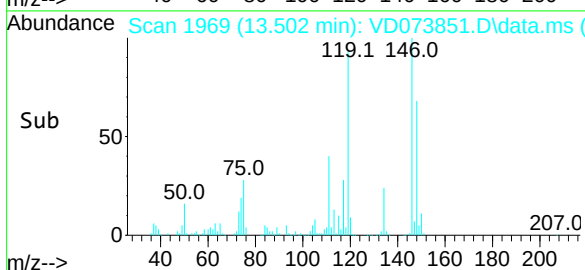
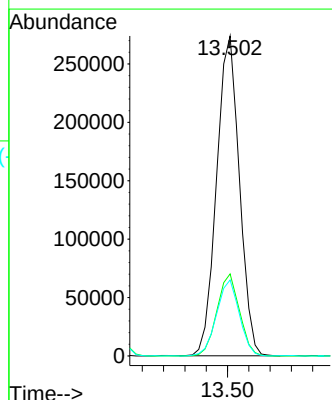
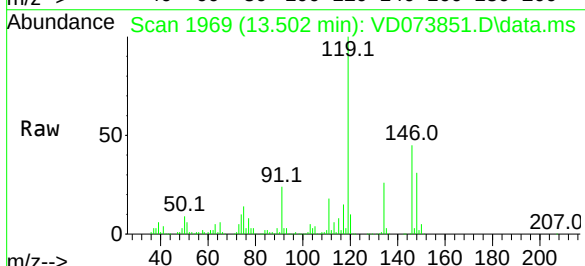
Tgt Ion:119 Resp: 406054

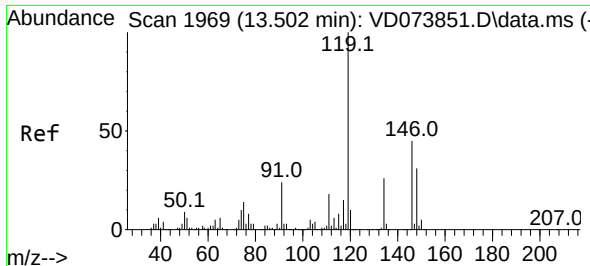
Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.6

91 23.8 12.1 36.3

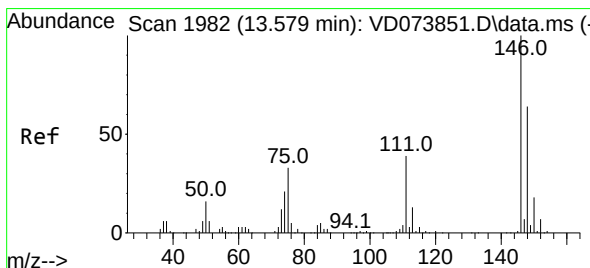
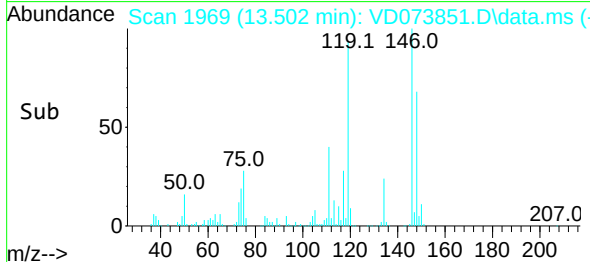
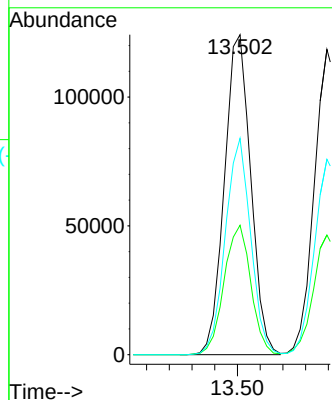
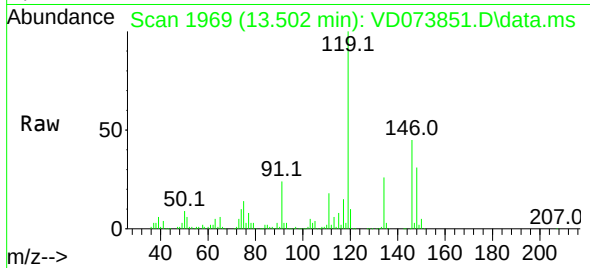




#87
 1,3-Dichlorobenzene
 Concen: 49.435 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073851.D
 Acq: 18 Jul 2022 16:11

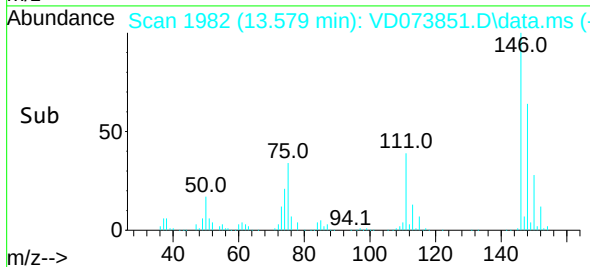
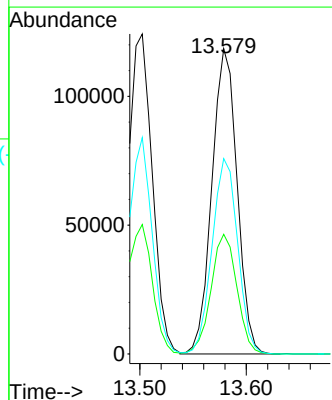
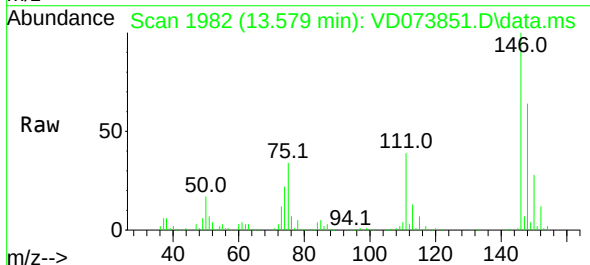
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

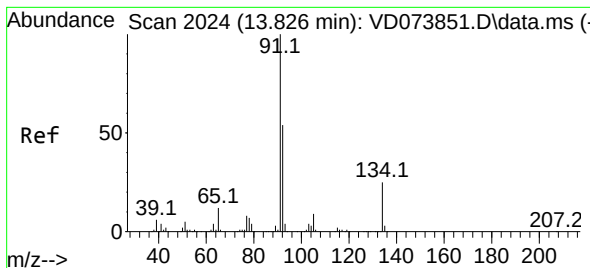
Tgt Ion:146 Resp: 199776
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.4 61.3
 148 65.3 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.533 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VD073851.D
 Acq: 18 Jul 2022 16:11

Tgt Ion:146 Resp: 194776
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.3 60.9
 148 64.9 31.7 95.1





#89

n-Butylbenzene

Concen: 51.858 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

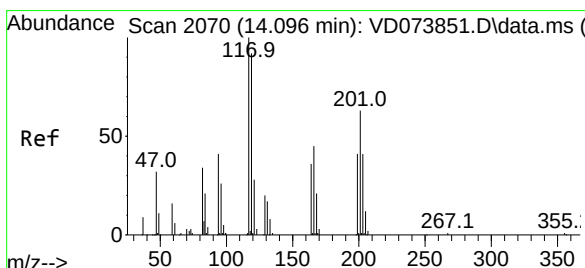
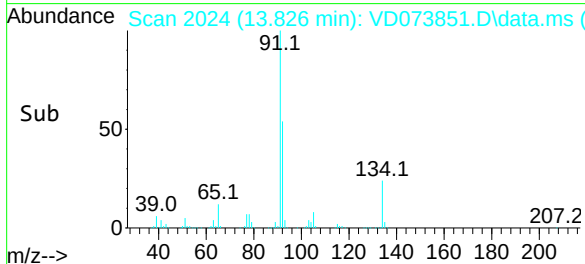
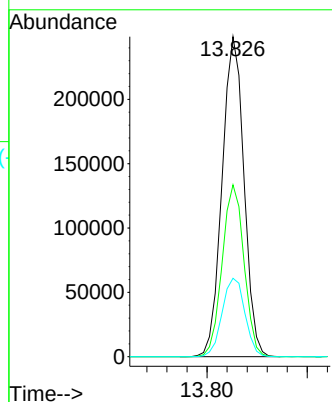
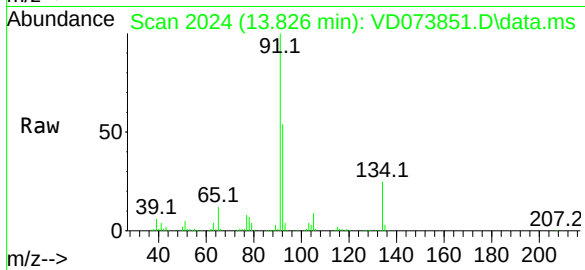
Tgt Ion: 91 Resp: 376688

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.8

134 25.5 12.3 36.9



#90

Hexachloroethane

Concen: 50.447 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073851.D

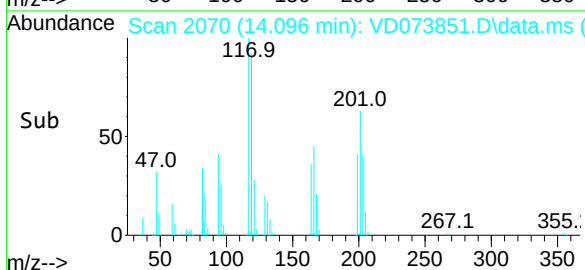
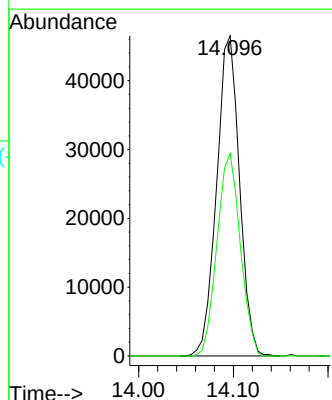
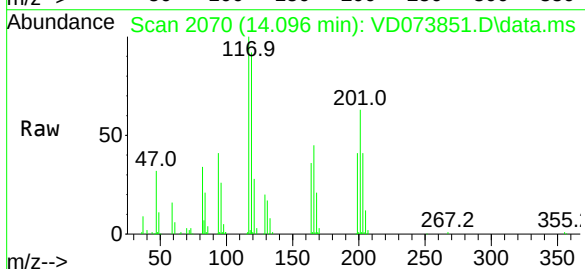
Acq: 18 Jul 2022 16:11

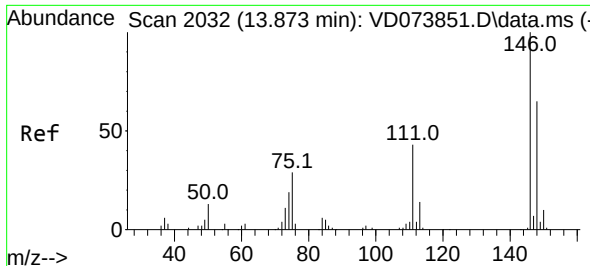
Tgt Ion: 117 Resp: 78030

Ion Ratio Lower Upper

117 100

201 64.4 33.4 100.2

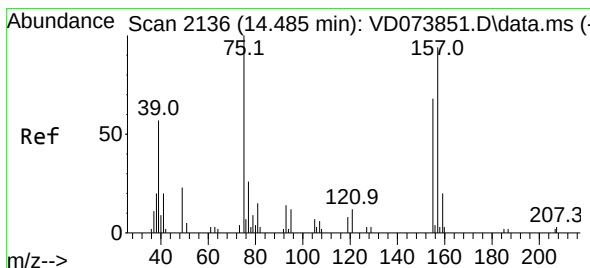
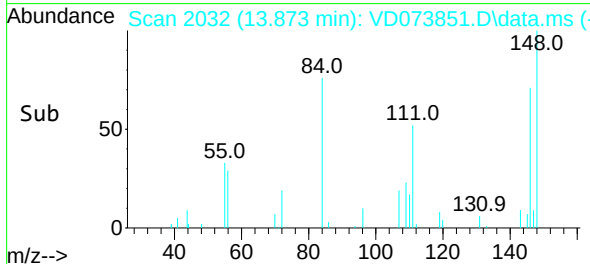
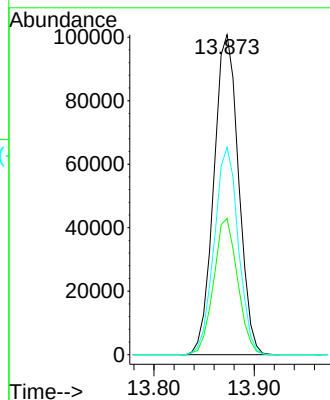
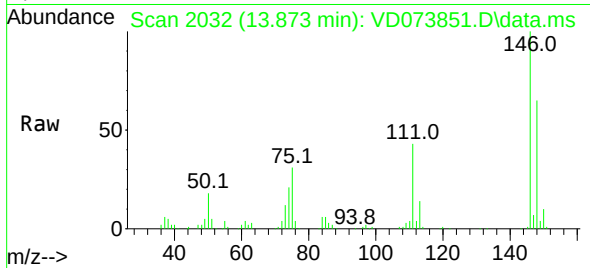




#91
1,2-Dichlorobenzene
Concen: 49.199 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

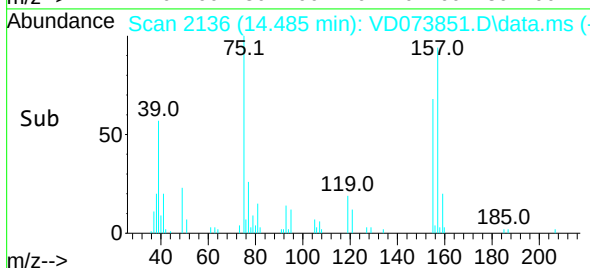
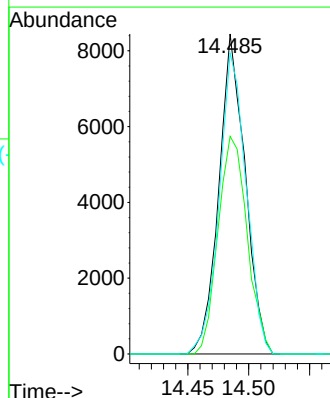
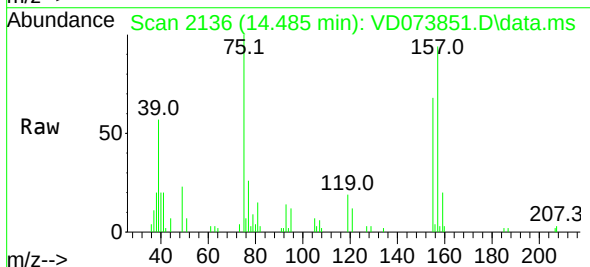
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

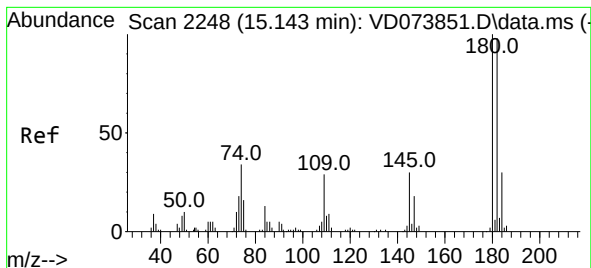
Tgt Ion:146 Resp: 172582
Ion Ratio Lower Upper
146 100
111 41.3 21.1 63.3
148 63.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.305 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion: 75 Resp: 12697
Ion Ratio Lower Upper
75 100
155 75.1 36.8 110.3
157 96.4 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 50.961 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

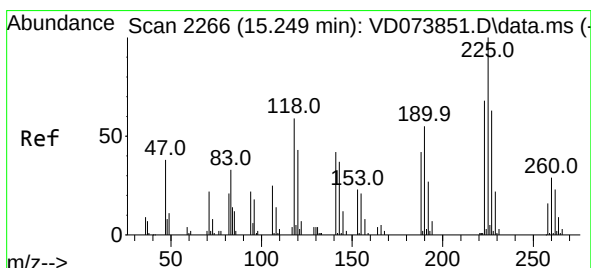
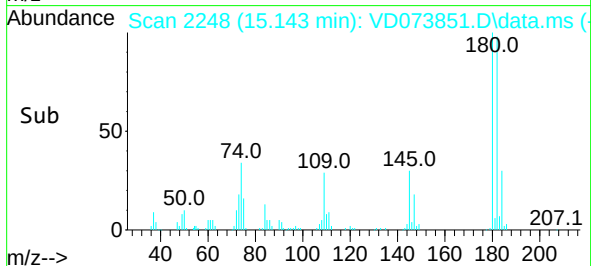
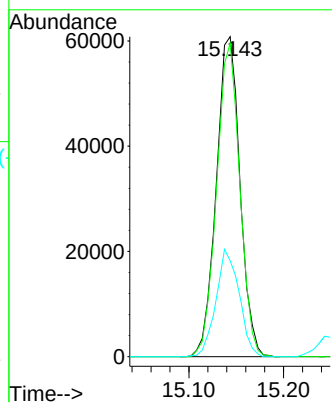
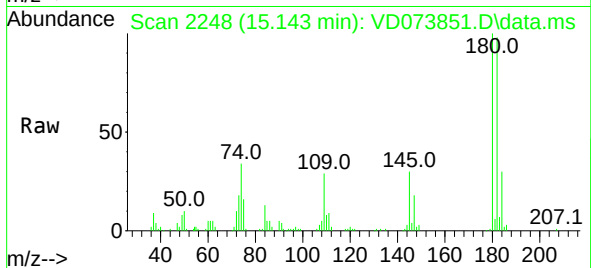
Tgt Ion:180 Resp: 105876

Ion Ratio Lower Upper

180 100

182 95.4 47.3 142.0

145 32.7 16.2 48.5



#94

Hexachlorobutadiene

Concen: 47.878 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073851.D

Acq: 18 Jul 2022 16:11

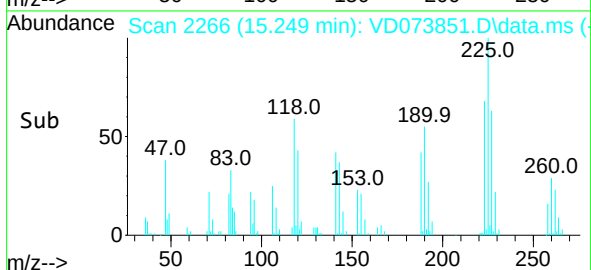
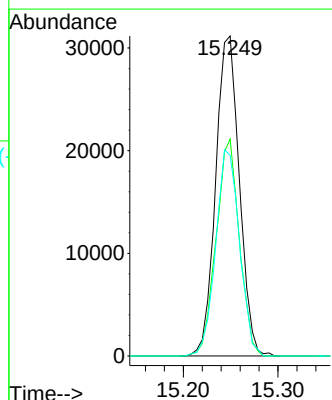
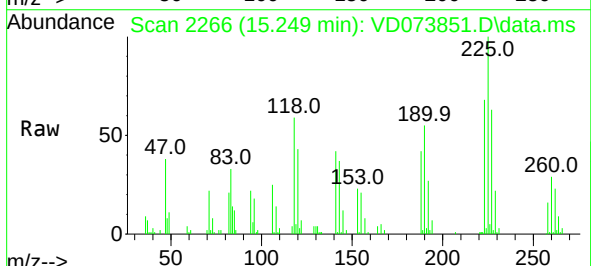
Tgt Ion:225 Resp: 54193

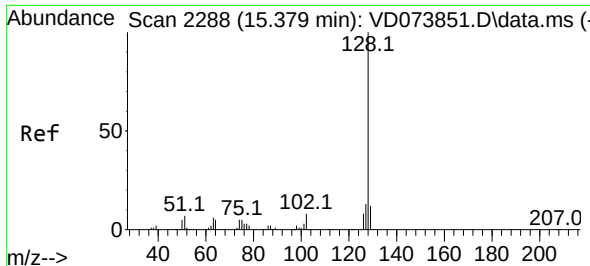
Ion Ratio Lower Upper

225 100

223 66.3 31.1 93.2

227 64.6 32.4 97.0

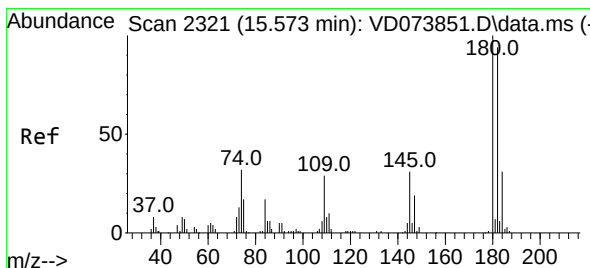
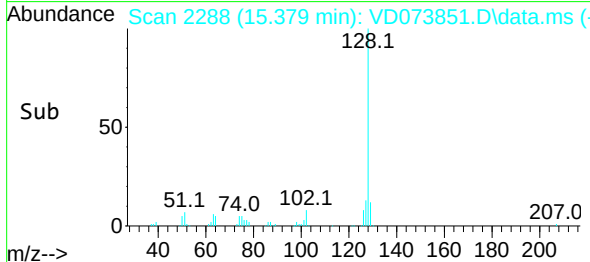
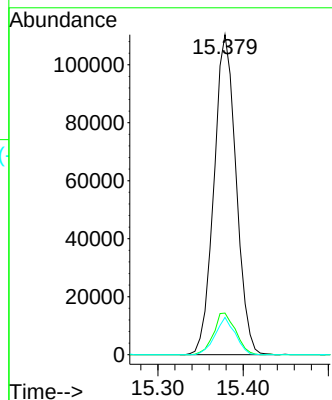
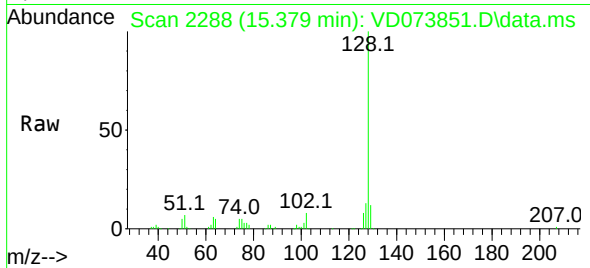




#95
Naphthalene
Concen: 52.206 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 199105
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.6 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 50.447 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VD073851.D
Acq: 18 Jul 2022 16:11

Tgt Ion:180 Resp: 92593
Ion Ratio Lower Upper
180 100
182 91.6 47.6 142.9
145 34.5 17.1 51.3

