

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091622\
 Data File : VD074323.D
 Acq On : 16 Sep 2022 10:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 17 04:26:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	96052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	156901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	142266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	70360	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	42314	45.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.460%
35) Dibromofluoromethane	7.805	113	45453	43.986	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.980%
50) Toluene-d8	10.269	98	172159	48.283	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.560%
62) 4-Bromofluorobenzene	12.569	95	55498	45.402	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.928	85	31654	35.774	ug/l	98
3) Chloromethane	2.140	50	31954	37.975	ug/l	99
4) Vinyl Chloride	2.276	62	33268	40.285	ug/l	98
5) Bromomethane	2.681	94	19626	38.441	ug/l	91
6) Chloroethane	2.828	64	21152	43.595	ug/l	98
7) Trichlorofluoromethane	3.164	101	73326	45.565	ug/l	98
8) Diethyl Ether	3.587	74	24435	47.634	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.964	101	47347	46.791	ug/l	99
10) Methyl Iodide	4.158	142	55748	44.601	ug/l	98
11) Tert butyl alcohol	5.052	59	15254	241.265	ug/l	97
12) 1,1-Dichloroethene	3.934	96	46059	44.717	ug/l	99
13) Acrolein	3.793	56	15664	229.729	ug/l	98
14) Allyl chloride	4.558	41	71490	47.958	ug/l	98
15) Acrylonitrile	5.258	53	59835	264.631	ug/l	99
16) Acetone	4.022	43	57539	272.988	ug/l	91
17) Carbon Disulfide	4.264	76	115538	34.449	ug/l	100
18) Methyl Acetate	4.558	43	29394	51.003	ug/l	99
19) Methyl tert-butyl Ether	5.311	73	113714	51.554	ug/l	98
20) Methylene Chloride	4.793	84	64256	48.523	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	50785	44.530	ug/l	94
22) Diisopropyl ether	6.211	45	159104	50.675	ug/l	97
23) Vinyl Acetate	6.152	43	388716	244.158	ug/l	100
24) 1,1-Dichloroethane	6.105	63	98884	48.930	ug/l	96
25) 2-Butanone	7.075	43	80264	255.669	ug/l	98
26) 2,2-Dichloropropane	7.075	77	81829	49.050	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	60172	47.622	ug/l	98
28) Bromochloromethane	7.428	49	31003	39.730	ug/l	94
29) Tetrahydrofuran	7.440	42	47098	261.781	ug/l	99
30) Chloroform	7.599	83	97662	49.146	ug/l	87
31) Cyclohexane	7.875	56	79932	40.737	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	84640	48.283	ug/l	99
36) 1,1-Dichloropropene	8.005	75	72927	46.232	ug/l	99
37) Ethyl Acetate	7.163	43	34264	54.220	ug/l	96
38) Carbon Tetrachloride	7.987	117	70314	50.301	ug/l	98
39) Methylcyclohexane	9.269	83	85962	45.054	ug/l	95
40) Benzene	8.252	78	211907	47.911	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	19110	55.712	ug/l	95
42) 1,2-Dichloroethane	8.328	62	57051	50.506	ug/l	100
43) Isopropyl Acetate	8.363	43	62352	53.480	ug/l	99
44) Trichloroethene	9.028	130	55159	47.435	ug/l	91
45) 1,2-Dichloropropane	9.305	63	56747	51.016	ug/l	99
46) Dibromomethane	9.393	93	28662	50.094	ug/l	97
47) Bromodichloromethane	9.581	83	74397	52.791	ug/l	97
48) Methyl methacrylate	9.381	41	29944	53.073	ug/l	99
49) 1,4-Dioxane	9.375	88	6649	1061.887	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	170315	278.041	ug/l	99
52) Toluene	10.328	92	135793	49.844	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	67435	53.633	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	82413	50.662	ug/l	99
55) 1,1,2-Trichloroethane	10.728	97	40518	53.761	ug/l	97
56) Ethyl methacrylate	10.593	69	53535	54.224	ug/l	98
57) 1,3-Dichloropropane	10.875	76	70946	52.084	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	36572	142.191	ug/l	96
59) 2-Hexanone	10.916	43	121792	284.254	ug/l	100
60) Dibromochloromethane	11.075	129	47889	53.061	ug/l	98
61) 1,2-Dibromoethane	11.175	107	37482	51.785	ug/l	98
64) Tetrachloroethene	10.804	164	44495	46.141	ug/l	93
65) Chlorobenzene	11.604	112	141495	48.278	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	52166	51.831	ug/l	99
67) Ethyl Benzene	11.681	91	266838	49.626	ug/l	100
68) m/p-Xylenes	11.787	106	200632	97.410	ug/l	99
69) o-Xylene	12.116	106	96123	51.068	ug/l	98
70) Styrene	12.128	104	164291	51.250	ug/l	98
71) Bromoform	12.293	173	28590	52.936	ug/l #	99
73) Isopropylbenzene	12.416	105	260515	48.141	ug/l	99
74) N-amyl acetate	12.228	43	61678	51.573	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.663	83	48380	51.455	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	56159	86.267	ug/l #	100
77) Bromobenzene	12.693	156	57351	48.500	ug/l	96
78) n-propylbenzene	12.757	91	315626	47.019	ug/l	98
79) 2-Chlorotoluene	12.846	91	168282	47.535	ug/l	97
80) 1,3,5-Trimethylbenzene	12.898	105	209364	47.315	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.463	75	12803	49.291	ug/l #	100
82) 4-Chlorotoluene	12.940	91	173629	47.295	ug/l	98
83) tert-Butylbenzene	13.157	119	182177	46.428	ug/l	98
84) 1,2,4-Trimethylbenzene	13.204	105	207903	47.757	ug/l	99
85) sec-Butylbenzene	13.340	105	283389	48.669	ug/l	99
86) p-Isopropyltoluene	13.451	119	231587	47.590	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	115838	47.656	ug/l	98
88) 1,4-Dichlorobenzene	13.528	146	112210	47.235	ug/l	99
89) n-Butylbenzene	13.781	91	225924	47.401	ug/l	100
90) Hexachloroethane	14.045	117	43523	47.388	ug/l	96
91) 1,2-Dichlorobenzene	13.822	146	98797	48.206	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.440	75	7470	53.446	ug/l	83
93) 1,2,4-Trichlorobenzene	15.087	180	65950	47.702	ug/l	99
94) Hexachlorobutadiene	15.192	225	39637	50.464	ug/l	92
95) Naphthalene	15.322	128	130866	51.067	ug/l	100
96) 1,2,3-Trichlorobenzene	15.510	180	58547	49.273	ug/l	99

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QLast Update : Sat Sep 17 04:16:54 2022
Response via : Initial Calibration

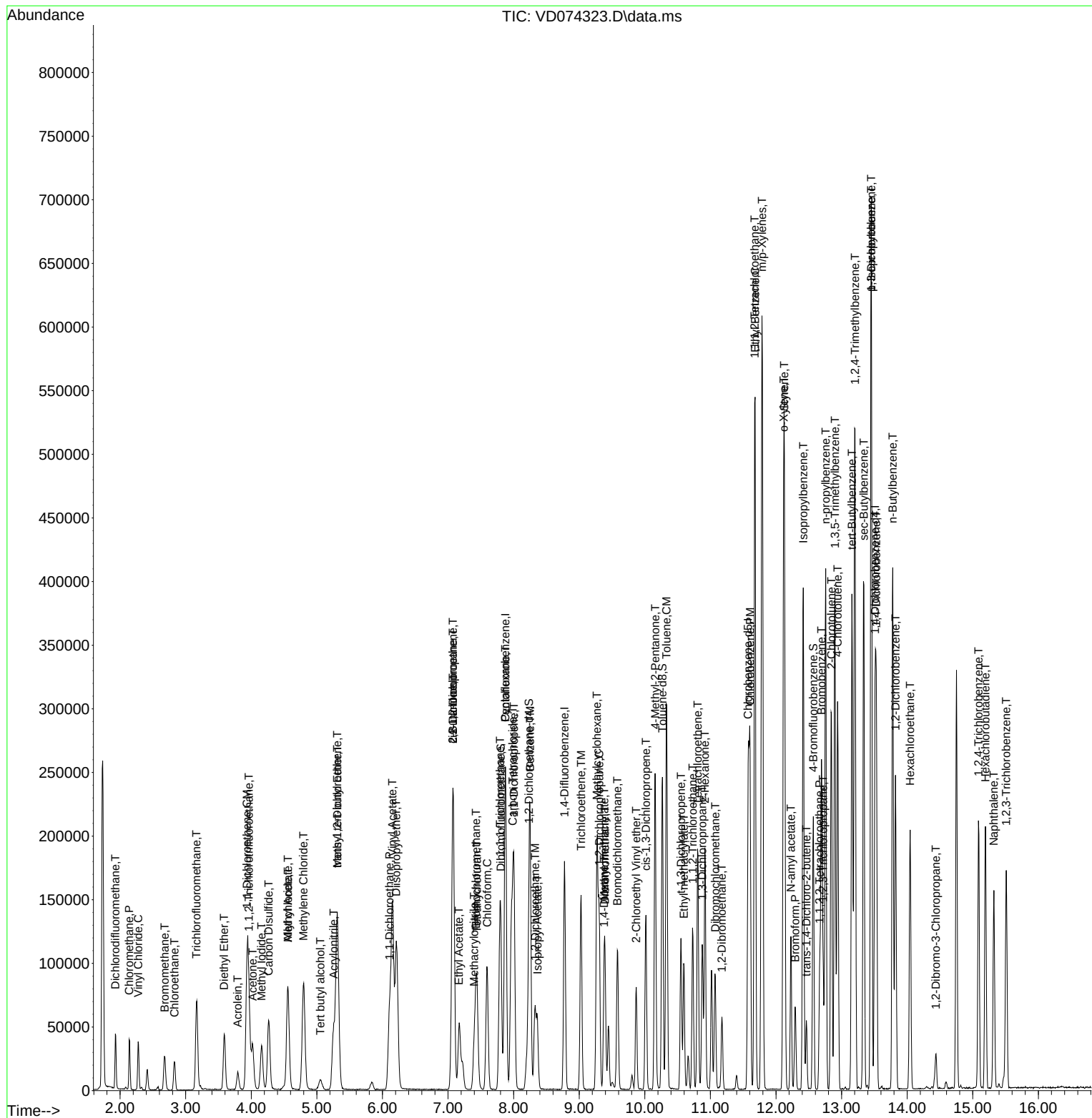
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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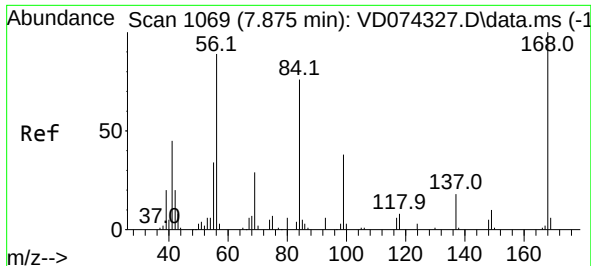
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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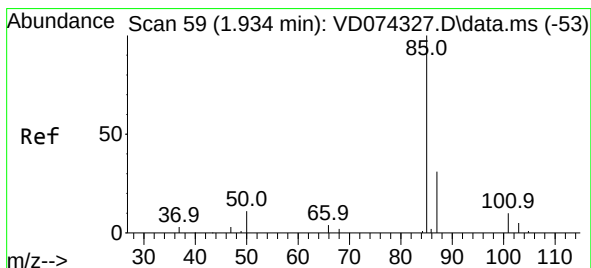
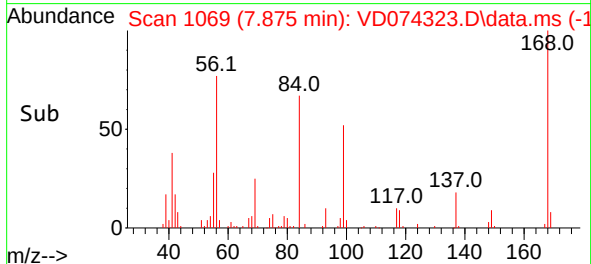
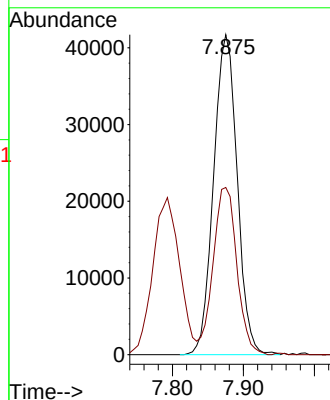
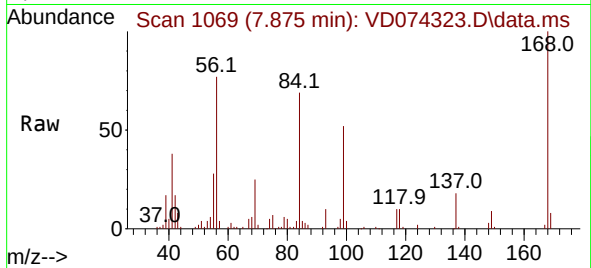




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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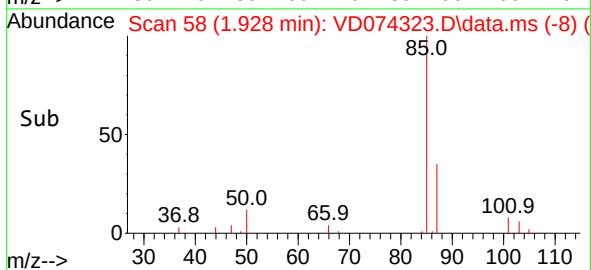
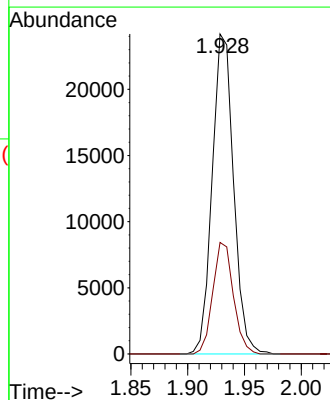
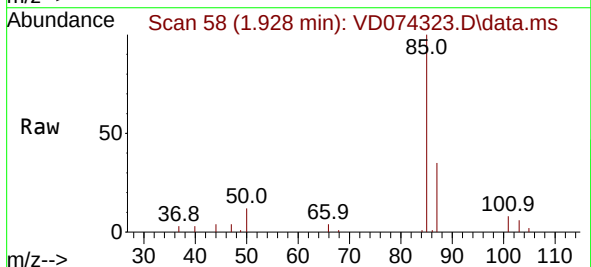
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

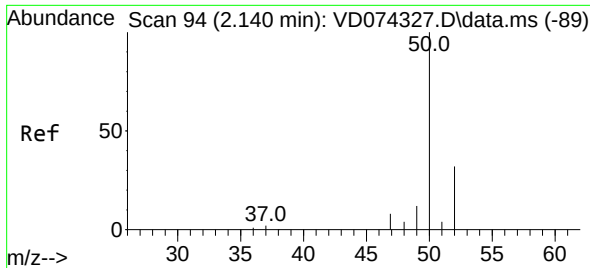
Tgt Ion:168 Resp: 96052
Ion Ratio Lower Upper
168 100
99 51.8 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 35.774 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 85 Resp: 31654
Ion Ratio Lower Upper
85 100
87 34.9 17.9 53.7

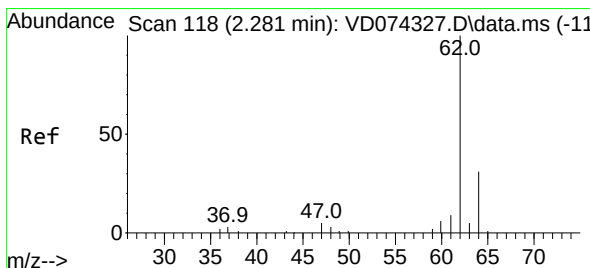
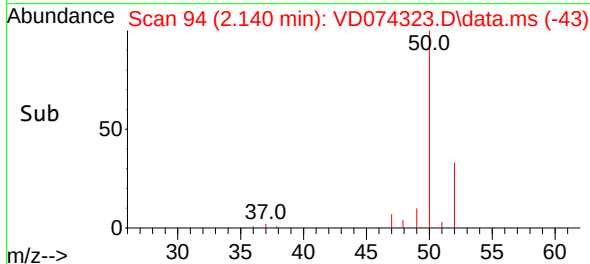
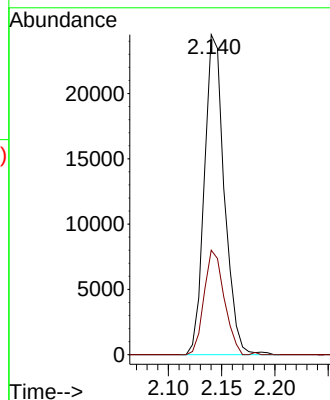
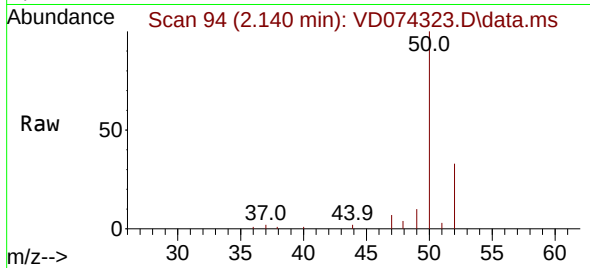




#3
Chloromethane
Concen: 37.975 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

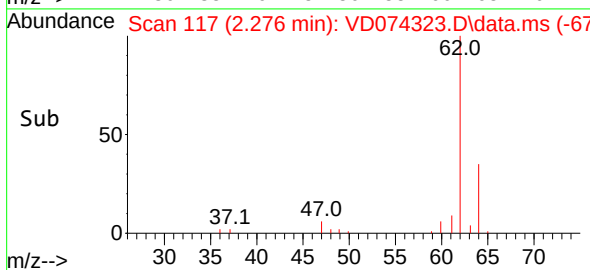
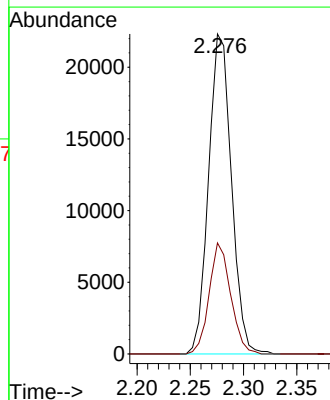
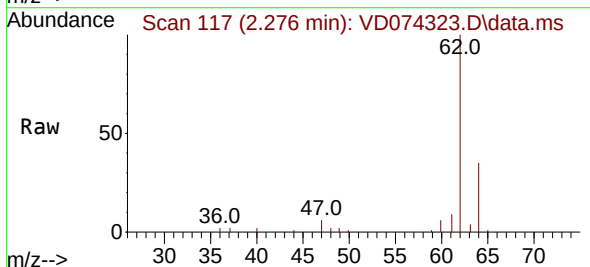
Instrument :
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ClientSampleId :
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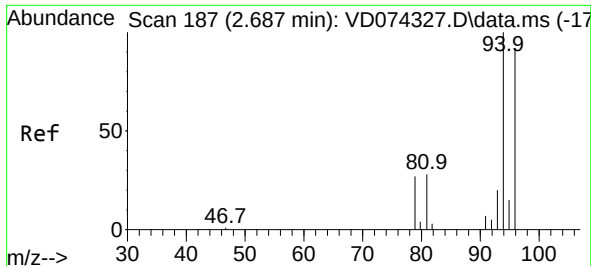
Tgt Ion: 50 Resp: 31954
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.8



#4
Vinyl Chloride
Concen: 40.285 ug/l
RT: 2.276 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 62 Resp: 33268
Ion Ratio Lower Upper
62 100
64 34.7 27.0 40.4

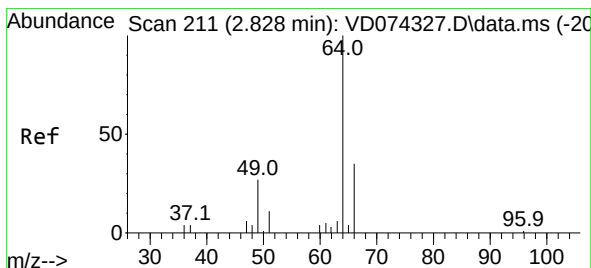
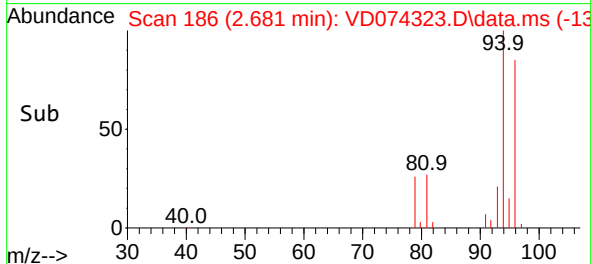
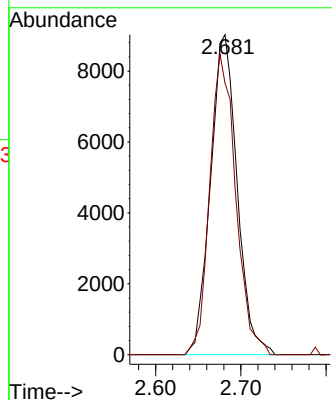
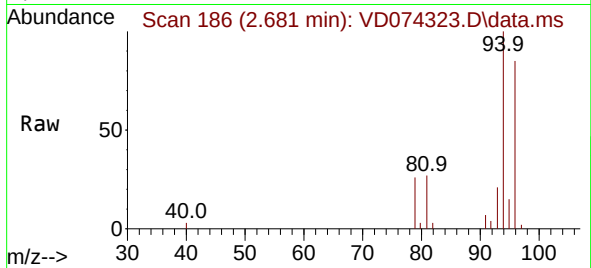




#5
Bromomethane
Concen: 38.441 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD074323.D
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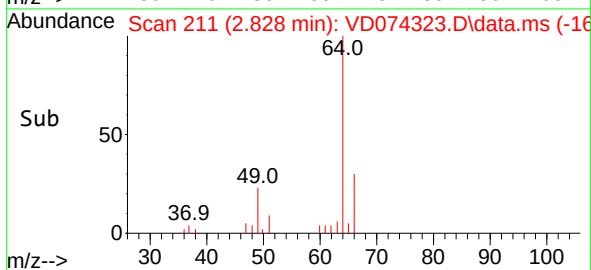
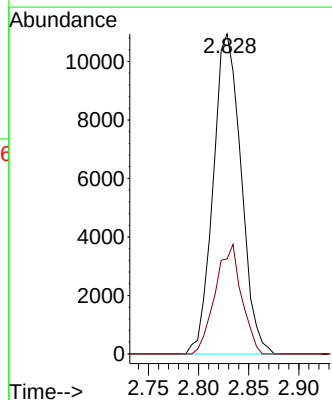
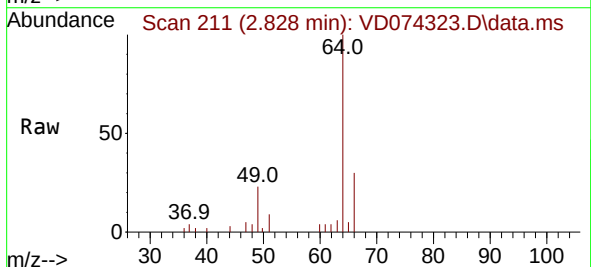
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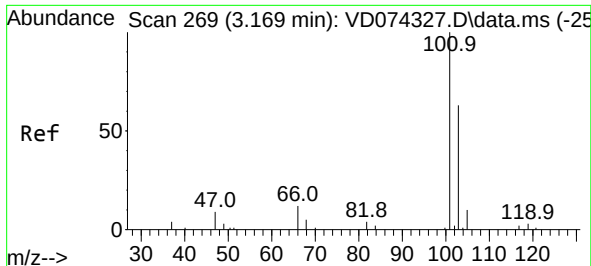
Tgt Ion: 94 Resp: 19626
Ion Ratio Lower Upper
94 100
96 84.8 74.6 112.0



#6
Chloroethane
Concen: 43.595 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 64 Resp: 21152
Ion Ratio Lower Upper
64 100
66 29.7 24.6 36.8

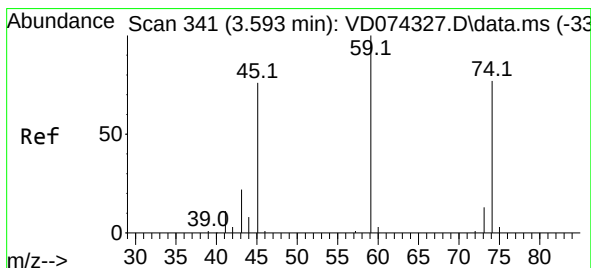
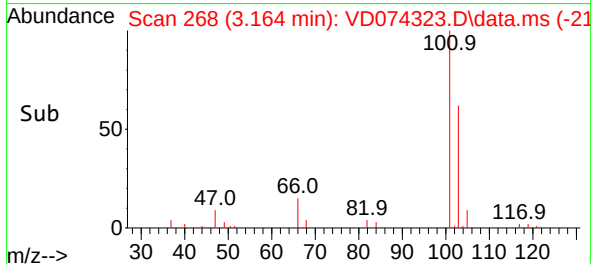
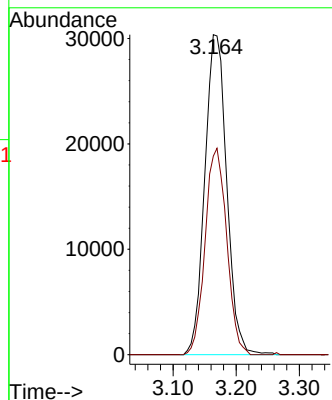
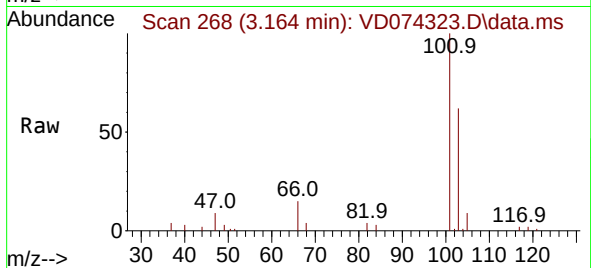




#7
 Trichlorofluoromethane
 Concen: 45.565 ug/l
 RT: 3.164 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD074323.D
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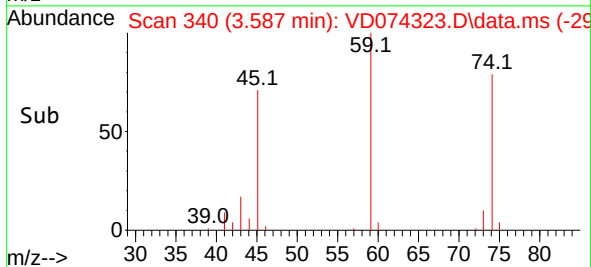
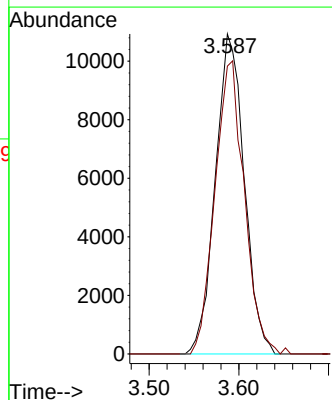
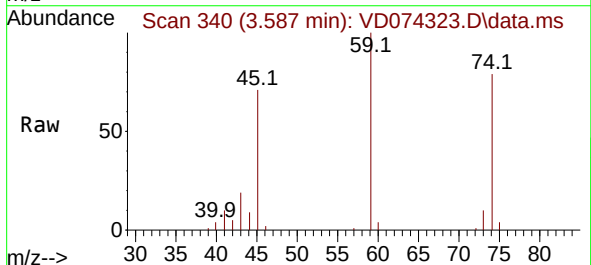
Instrument :
 MSVOA_D
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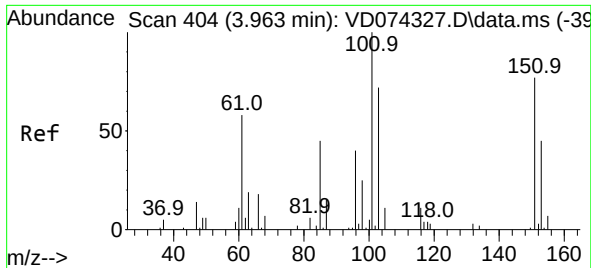
Tgt Ion:101 Resp: 73326
 Ion Ratio Lower Upper
 101 100
 103 62.1 50.6 76.0



#8
 Diethyl Ether
 Concen: 47.634 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 24435
 Ion Ratio Lower Upper
 74 100
 45 93.3 47.9 143.6

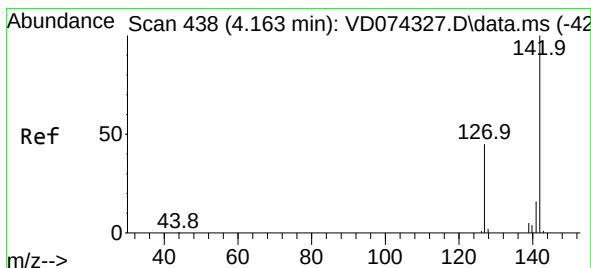
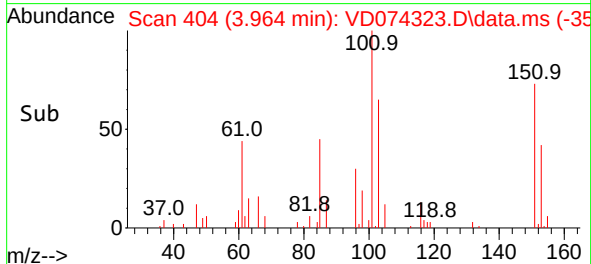
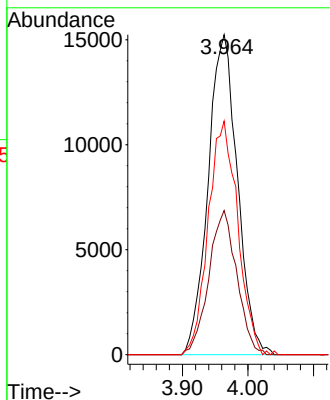
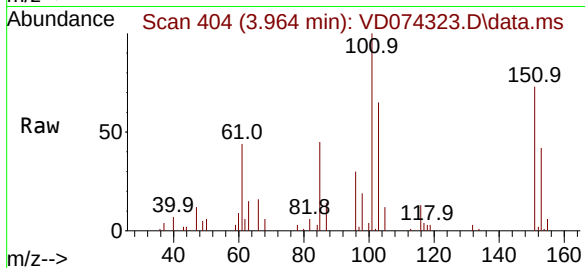




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.791 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.001 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

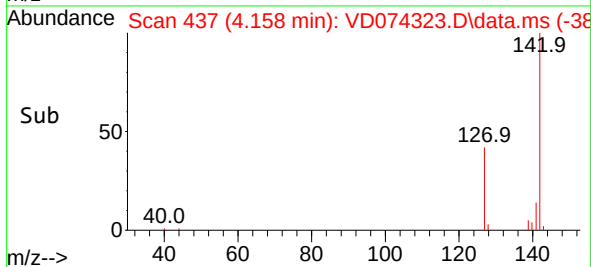
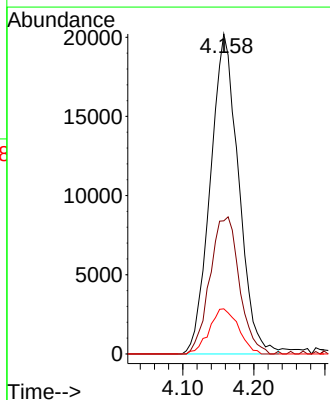
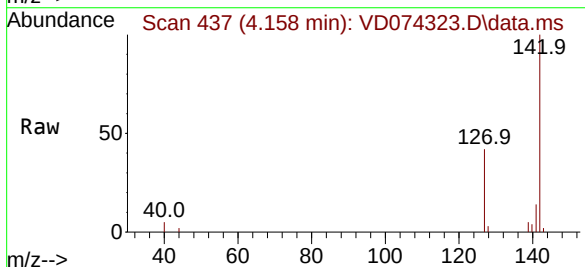
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

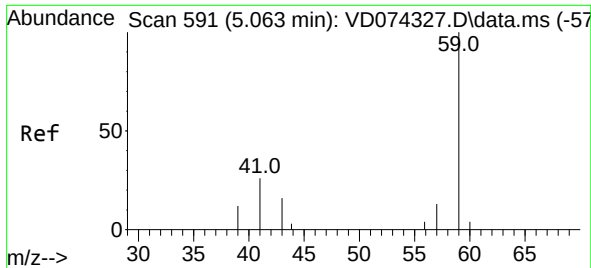
Tgt Ion:101 Resp: 47347
Ion Ratio Lower Upper
101 100
85 43.1 35.0 52.4
151 73.2 59.7 89.5



#10
Methyl Iodide
Concen: 44.601 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.005 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion:142 Resp: 55748
Ion Ratio Lower Upper
142 100
127 44.6 34.6 51.8
141 14.5 11.7 17.5

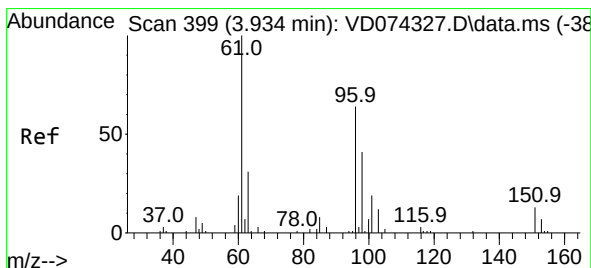
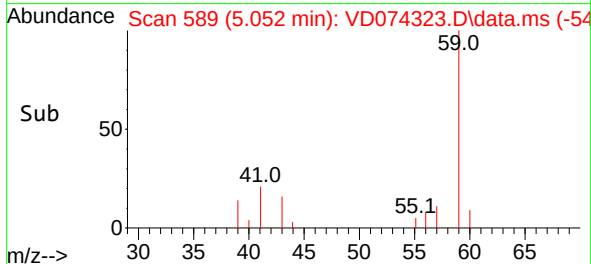
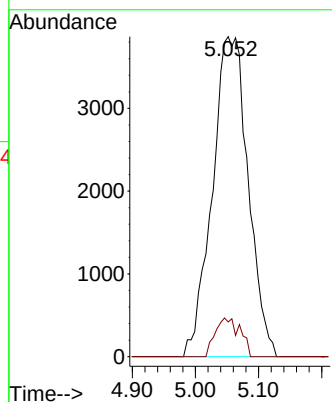
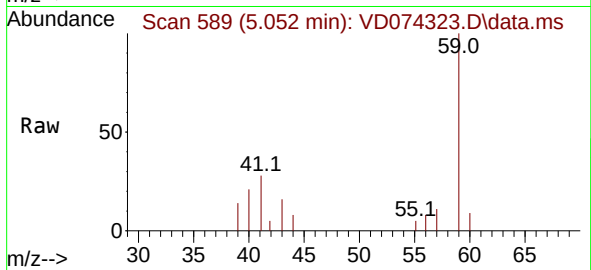




#11
Tert butyl alcohol
Concen: 241.265 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.011 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

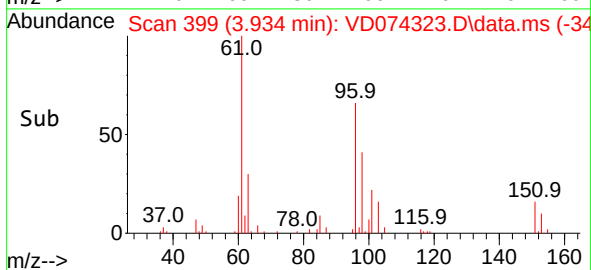
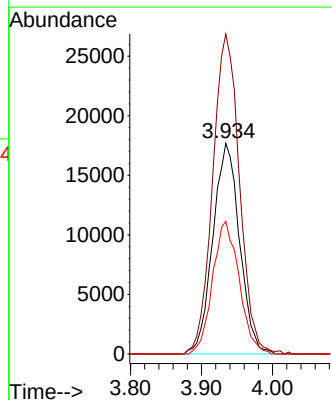
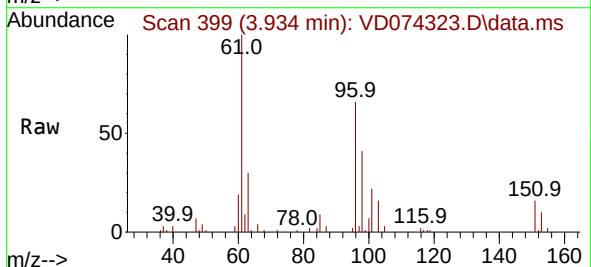
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

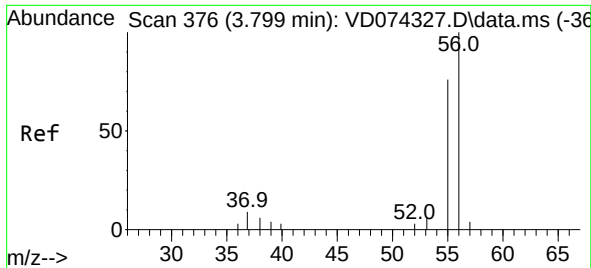
Tgt Ion: 59 Resp: 15254
Ion Ratio Lower Upper
59 100
57 8.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 44.717 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 96 Resp: 46059
Ion Ratio Lower Upper
96 100
61 151.9 122.3 183.5
98 63.0 50.7 76.1





#13

Acrolein

Concen: 229.729 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

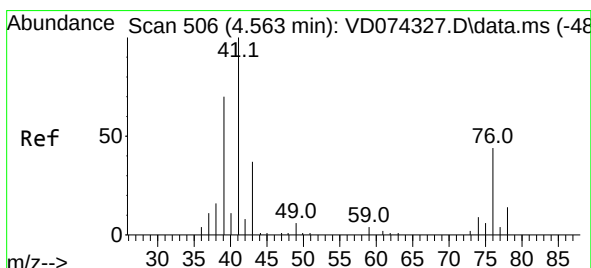
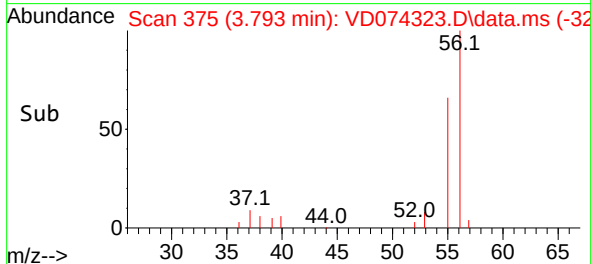
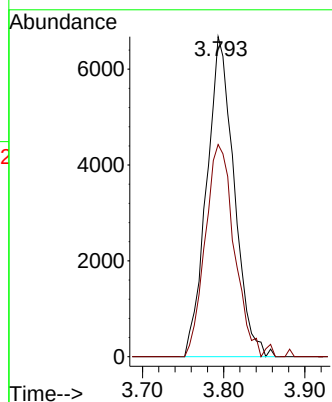
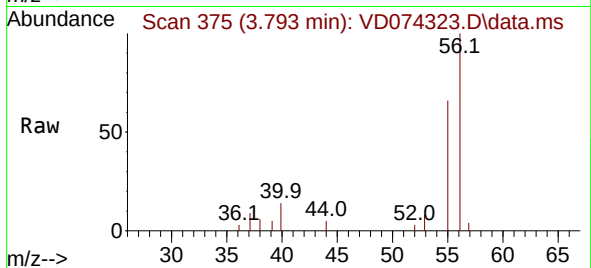
VSTDCCC050

Tgt Ion: 56 Resp: 15664

Ion Ratio Lower Upper

56 100

55 70.2 57.4 86.2



#14

Allyl chloride

Concen: 47.958 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

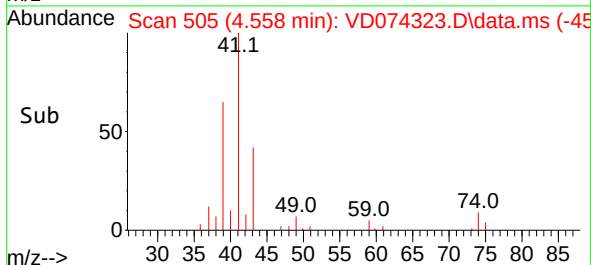
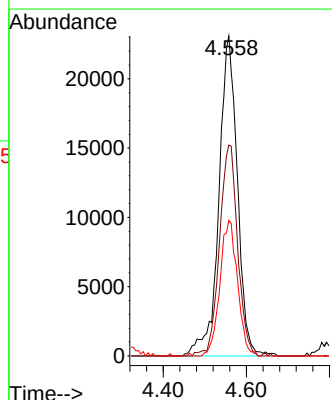
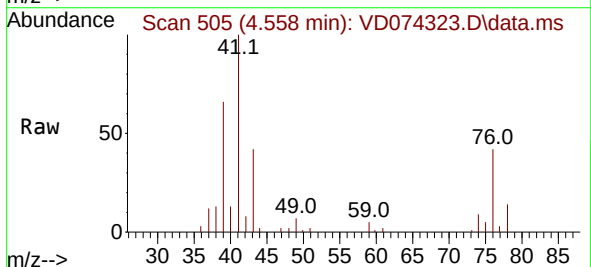
Tgt Ion: 41 Resp: 71490

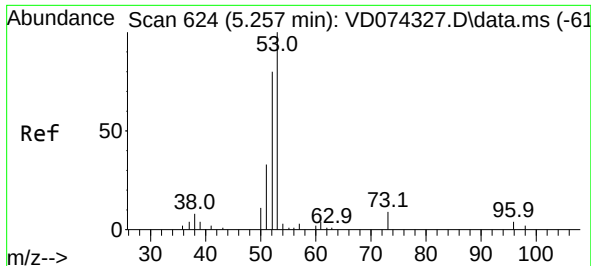
Ion Ratio Lower Upper

41 100

39 64.4 52.8 79.2

76 40.1 32.9 49.3

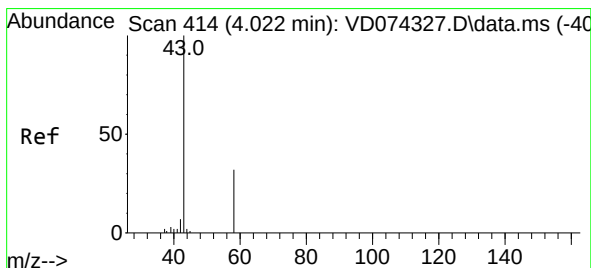
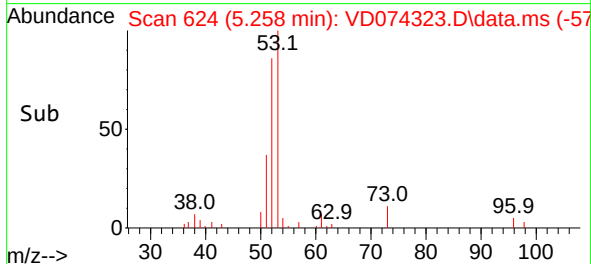
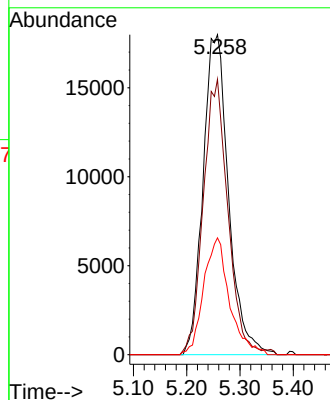
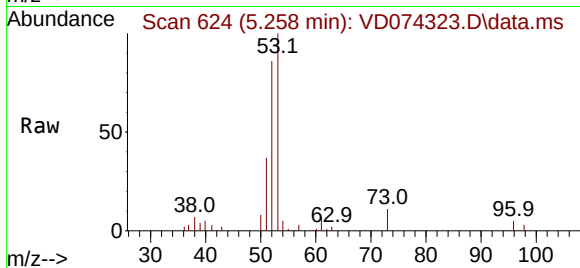




#15
Acrylonitrile
Concen: 264.631 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.001 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

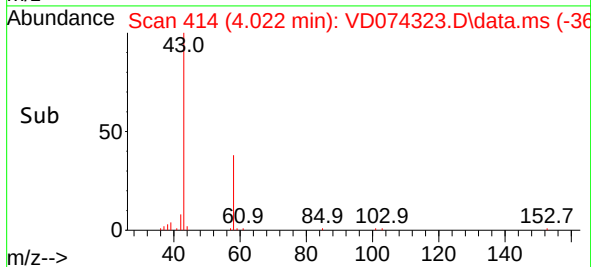
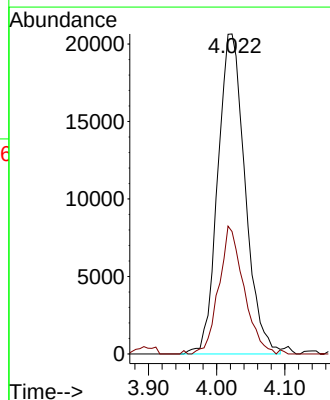
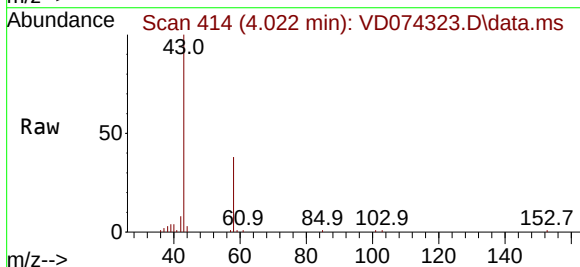
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

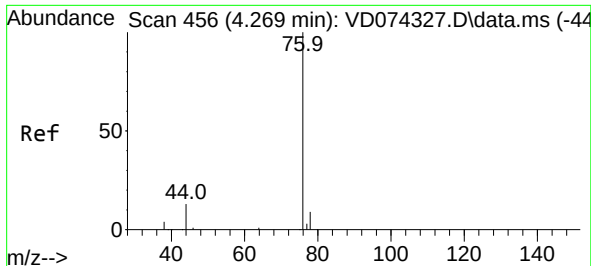
Tgt Ion:	53	Resp:	59835
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.3	97.9
51	37.0	29.0	43.6



#16
Acetone
Concen: 272.988 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion:	43	Resp:	57539
Ion	Ratio	Lower	Upper
43	100		
58	38.3	26.4	39.6

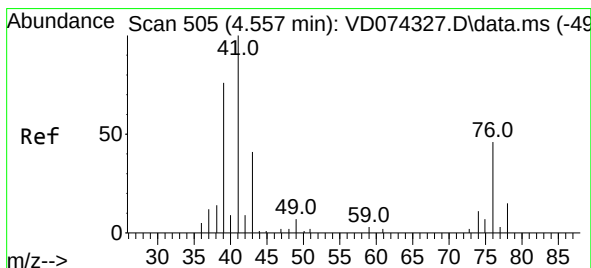
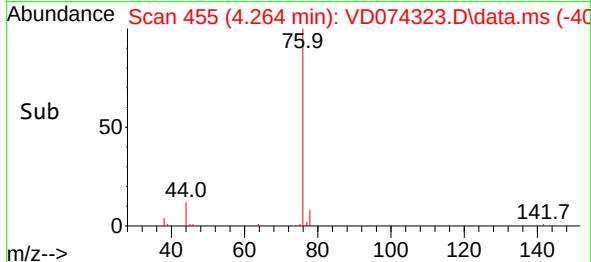
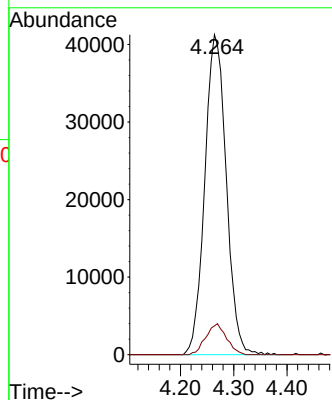
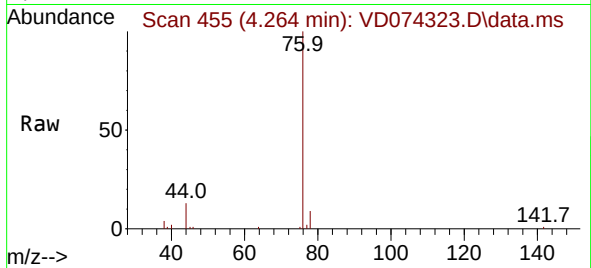




#17
Carbon Disulfide
Concen: 34.449 ug/l
RT: 4.264 min Scan# 411
Delta R.T. -0.005 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

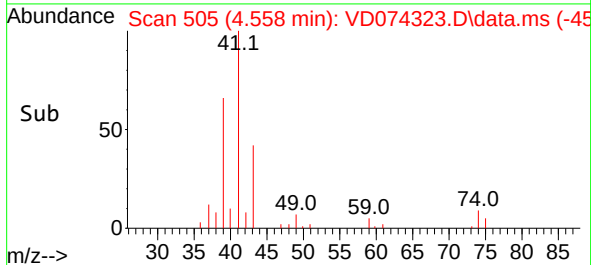
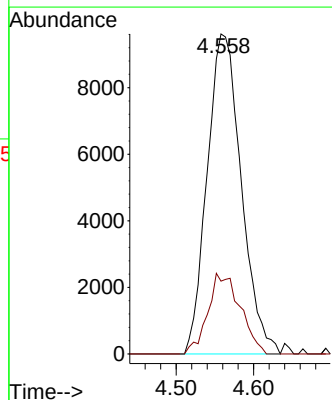
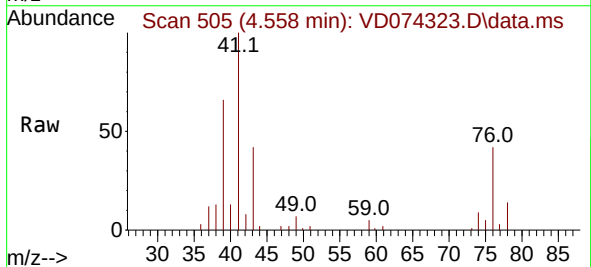
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

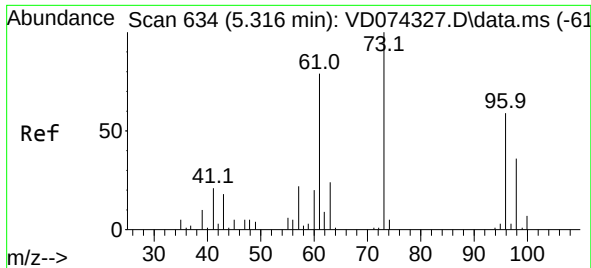
Tgt Ion: 76 Resp: 115538
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 51.003 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.001 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 43 Resp: 29394
Ion Ratio Lower Upper
43 100
74 23.8 19.3 28.9

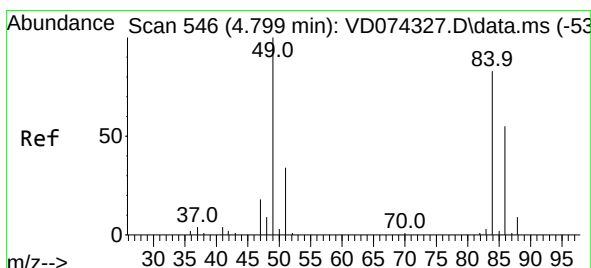
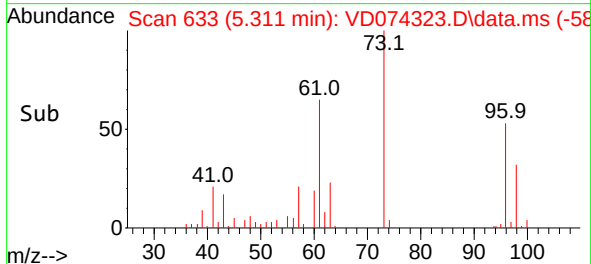
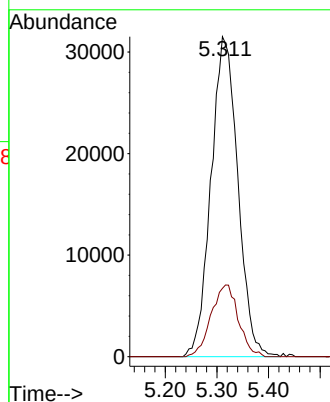
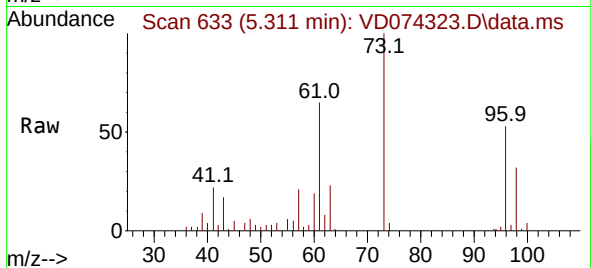




#19
Methyl tert-butyl Ether
Concen: 51.554 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

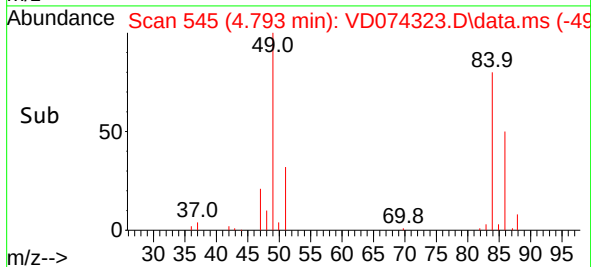
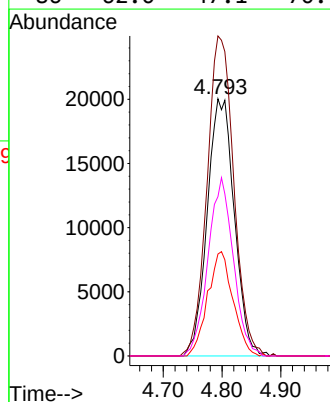
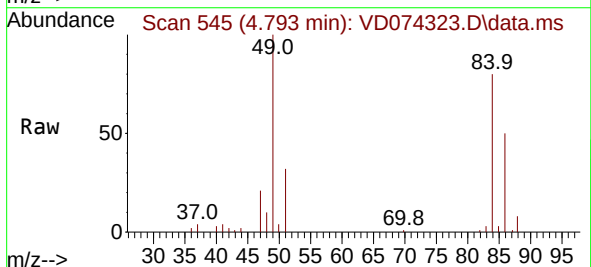
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

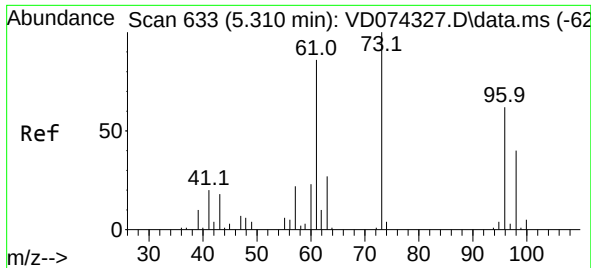
Tgt Ion: 73 Resp: 113714
Ion Ratio Lower Upper
73 100
57 21.4 17.8 26.6



#20
Methylene Chloride
Concen: 48.523 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 84 Resp: 64256
Ion Ratio Lower Upper
84 100
49 124.5 88.4 132.6
51 39.6 28.0 42.0
86 62.0 47.1 70.7

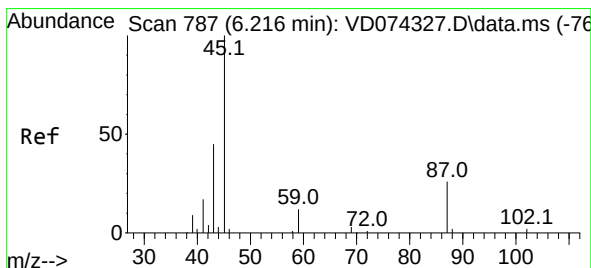
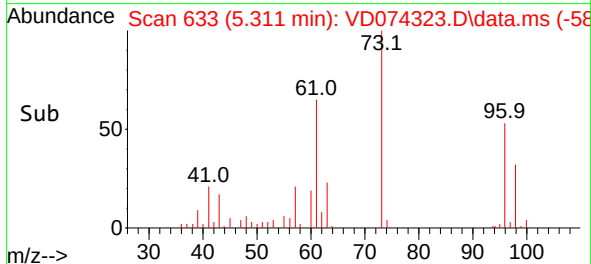
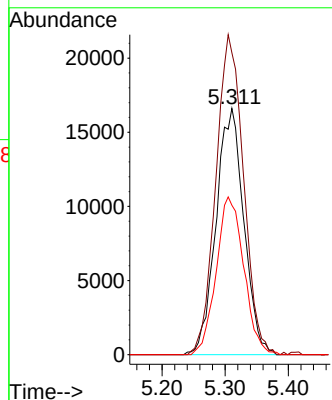
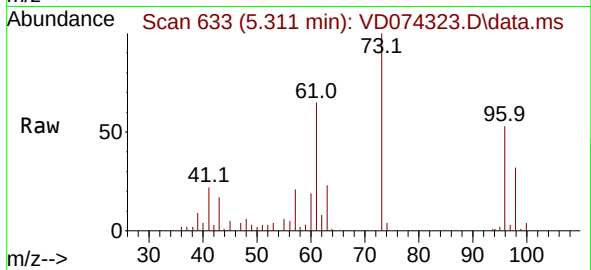




#21
trans-1,2-Dichloroethene
Concen: 44.530 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.001 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

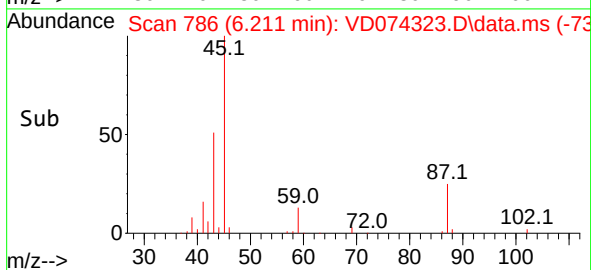
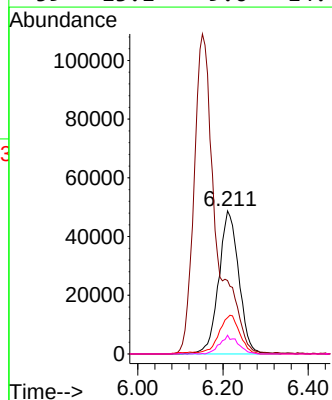
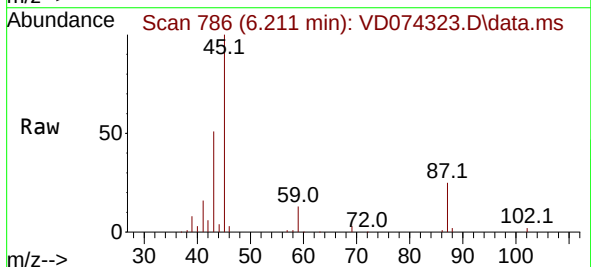
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

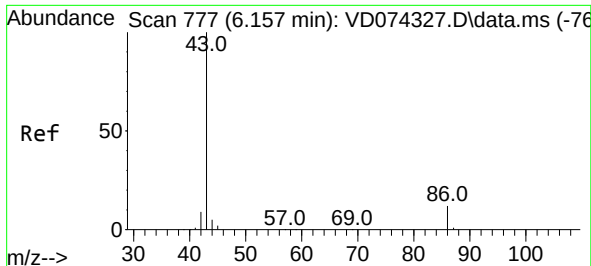
Tgt Ion: 96 Resp: 50785
Ion Ratio Lower Upper
96 100
61 122.6 105.1 157.7
98 60.7 47.4 71.2



#22
Diisopropyl ether
Concen: 50.675 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 45 Resp: 159104
Ion Ratio Lower Upper
45 100
43 50.7 38.9 58.3
87 25.4 21.0 31.4
59 13.1 9.6 14.4

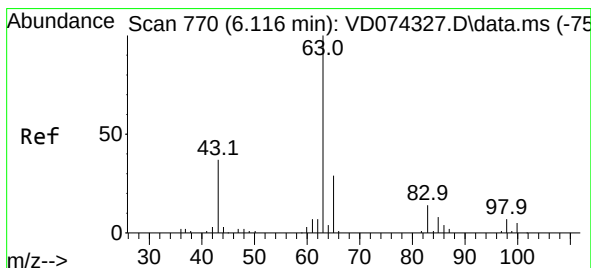
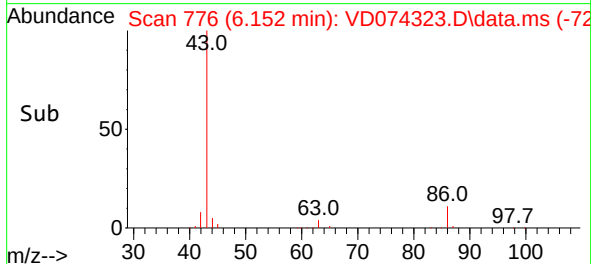
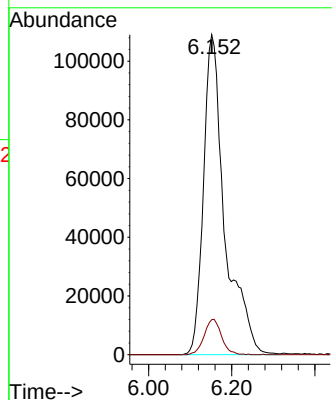
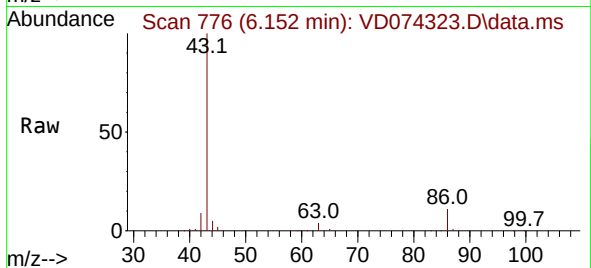




#23
 Vinyl Acetate
 Concen: 244.158 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.005 min
 Lab File: VD074323.D
 Acq: 16 Sep 2022 10:53

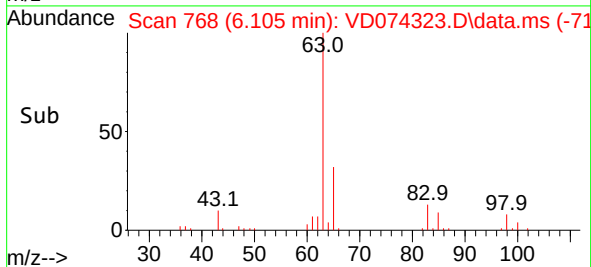
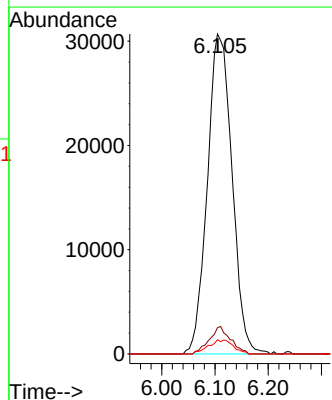
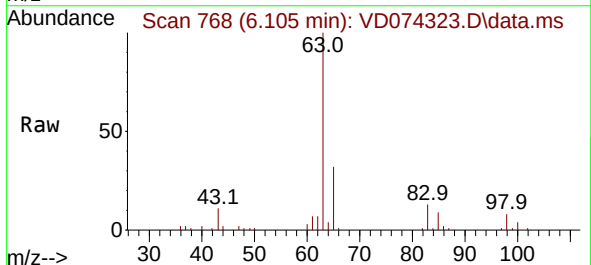
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

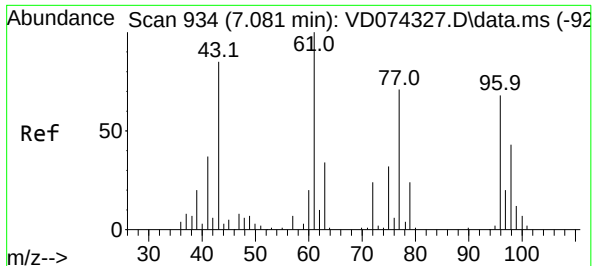
Tgt Ion: 43 Resp: 388716
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 48.930 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: VD074323.D
 Acq: 16 Sep 2022 10:53

Tgt Ion: 63 Resp: 98884
 Ion Ratio Lower Upper
 63 100
 98 8.2 2.8 8.4
 100 4.4 2.2 6.6

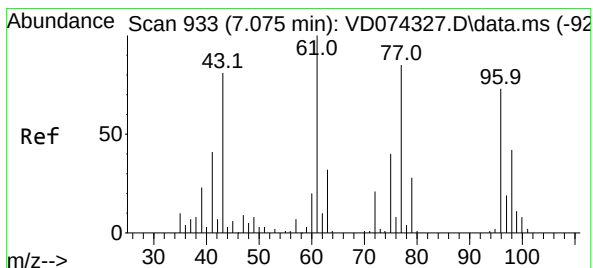
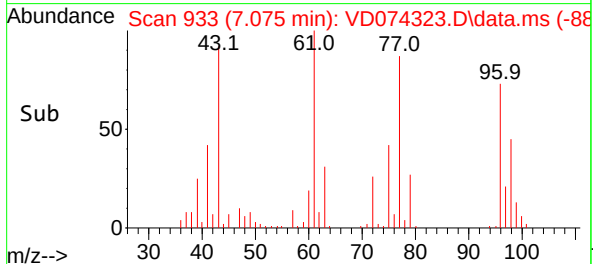
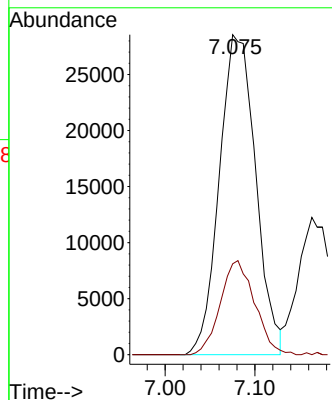
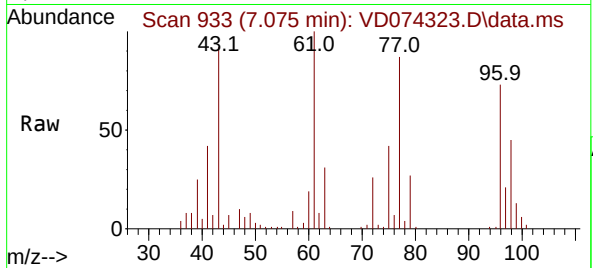




#25
2-Butanone
Concen: 255.669 ug/l
RT: 7.075 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

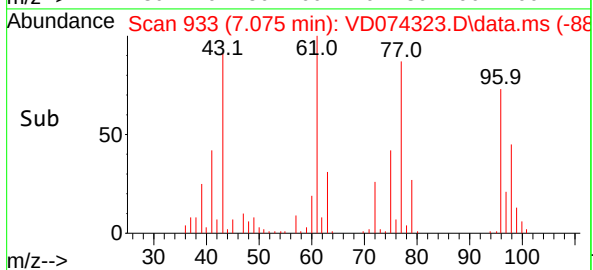
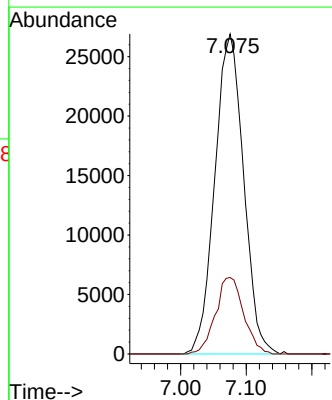
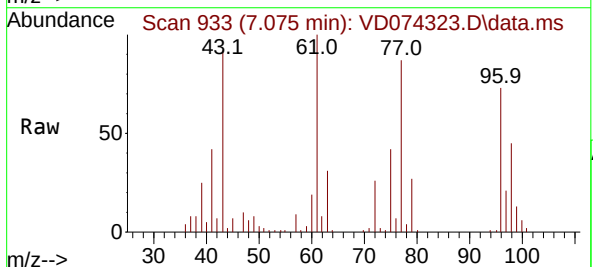
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

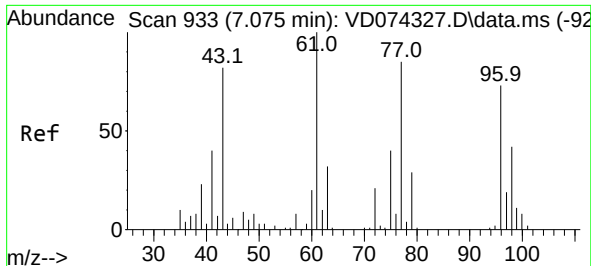
Tgt Ion: 43 Resp: 80264
Ion Ratio Lower Upper
43 100
72 28.4 21.8 32.6



#26
2,2-Dichloropropane
Concen: 49.050 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 77 Resp: 81829
Ion Ratio Lower Upper
77 100
97 23.4 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 47.622 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

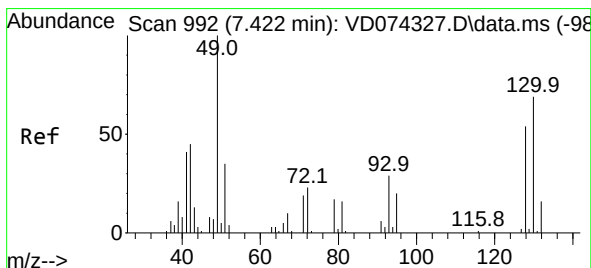
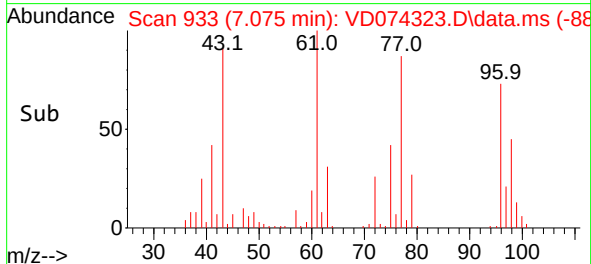
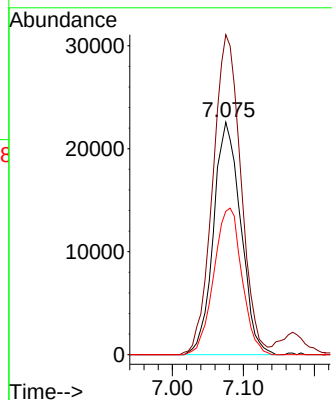
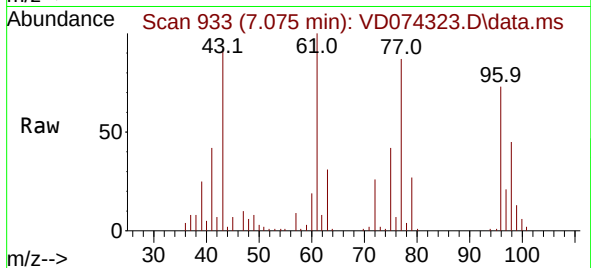
Tgt Ion: 96 Resp: 60172

Ion Ratio Lower Upper

96 100

61 141.9 0.0 289.4

98 64.9 0.0 130.2



#28

Bromochloromethane

Concen: 39.730 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

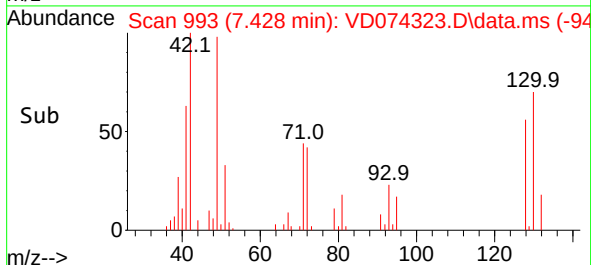
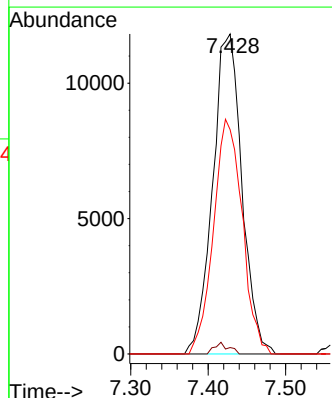
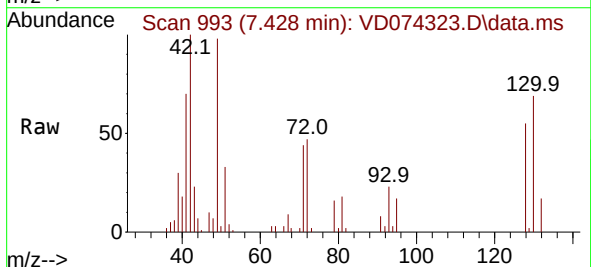
Tgt Ion: 49 Resp: 31003

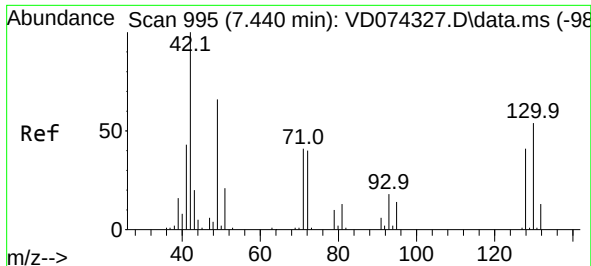
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 72.1 62.2 93.2





#29

Tetrahydrofuran

Concen: 261.781 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

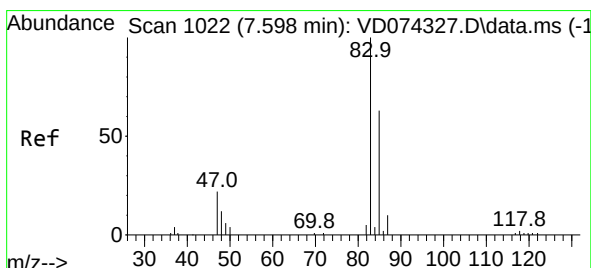
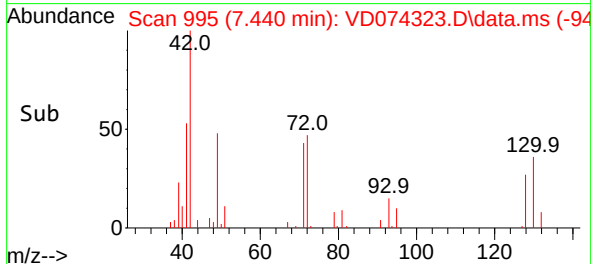
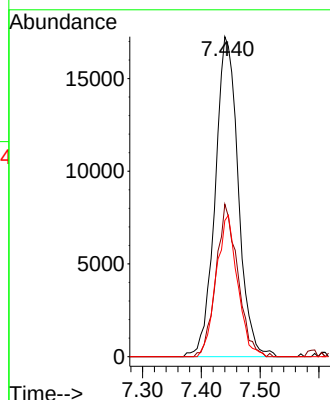
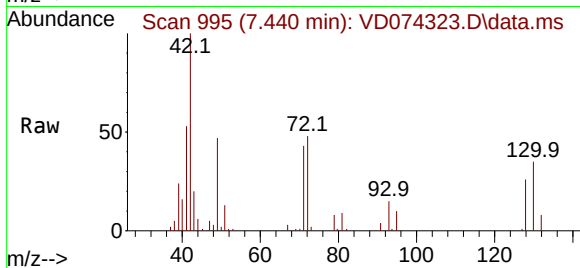
Tgt Ion: 42 Resp: 47098

Ion Ratio Lower Upper

42 100

72 45.1 36.1 54.1

71 41.1 34.1 51.1



#30

Chloroform

Concen: 49.146 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.001 min

Lab File: VD074323.D

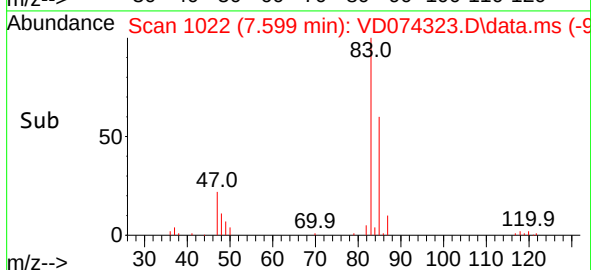
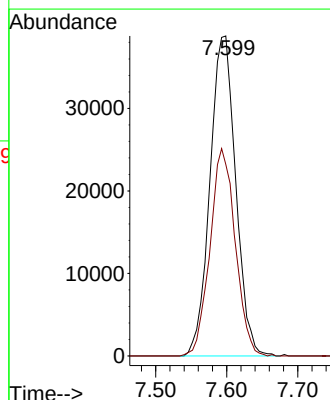
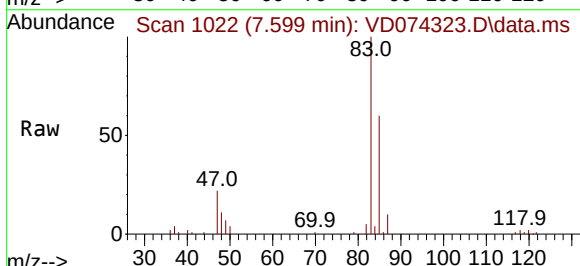
Acq: 16 Sep 2022 10:53

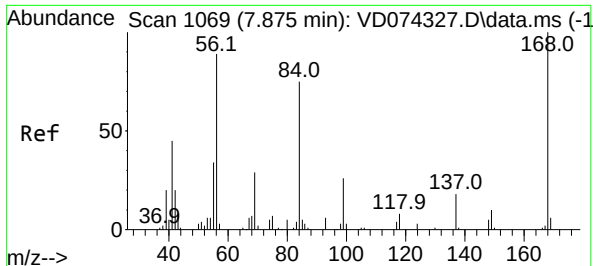
Tgt Ion: 83 Resp: 97662

Ion Ratio Lower Upper

83 100

85 59.9 56.7 85.1

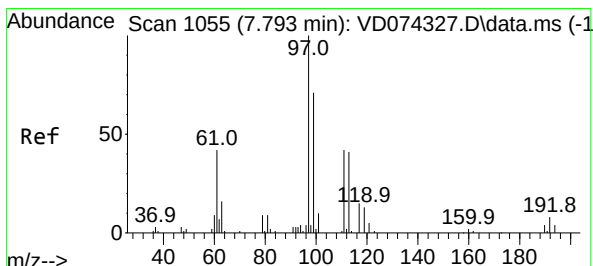
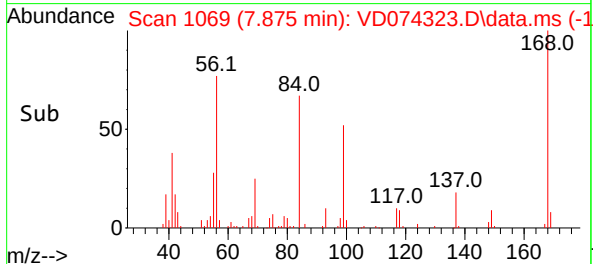
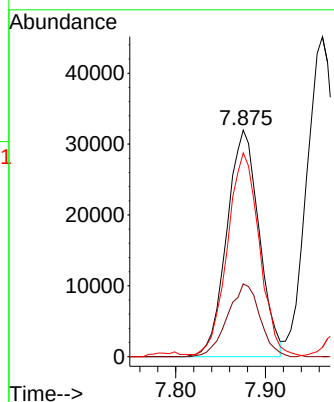
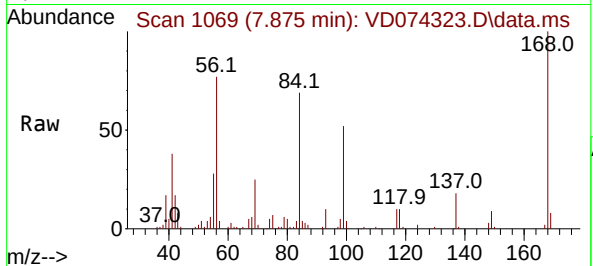




#31
Cyclohexane
Concen: 40.737 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

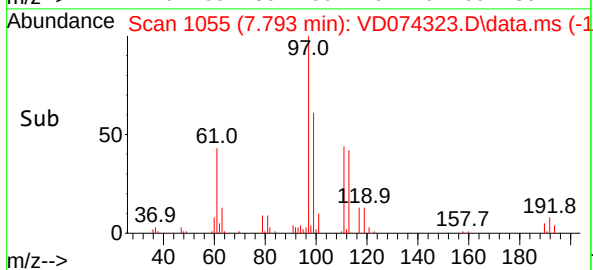
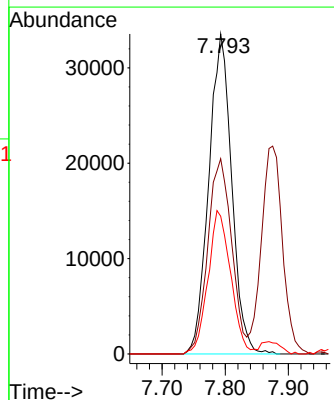
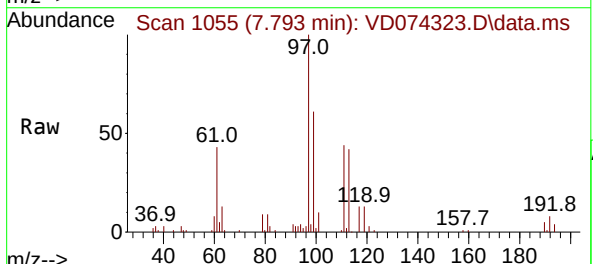
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

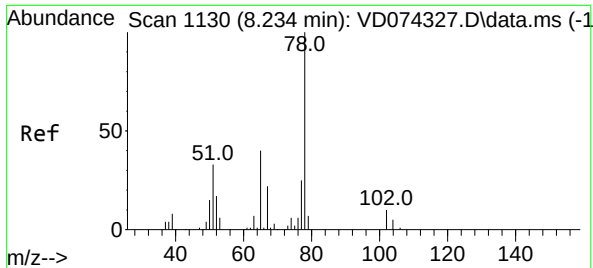
Tgt Ion: 56 Resp: 79932
Ion Ratio Lower Upper
56 100
69 32.2 25.7 38.5
84 88.9 73.9 110.9



#32
1,1,1-Trichloroethane
Concen: 48.283 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 97 Resp: 84640
Ion Ratio Lower Upper
97 100
99 63.7 51.2 76.8
61 44.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.228 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

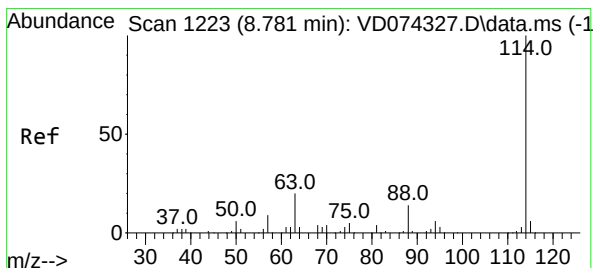
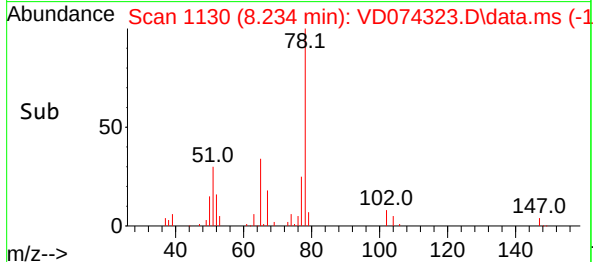
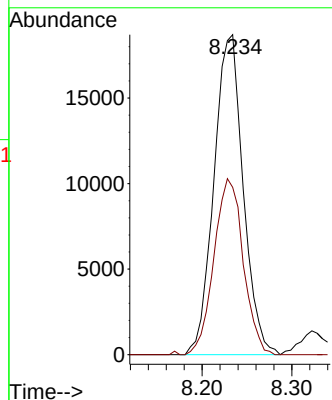
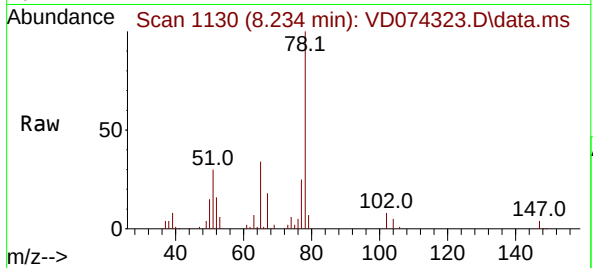
VSTDCCC050

Tgt Ion: 65 Resp: 42314

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

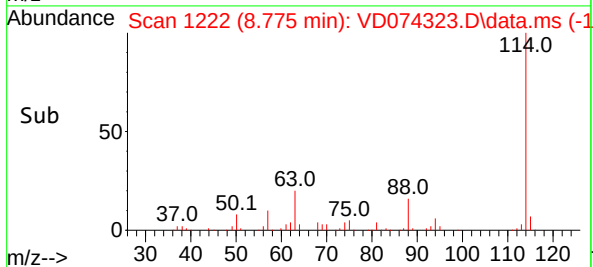
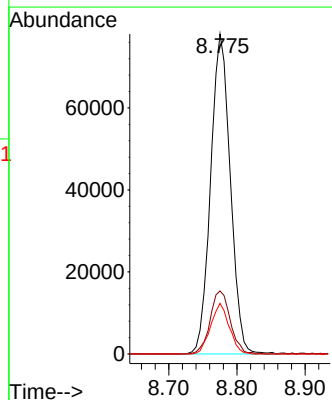
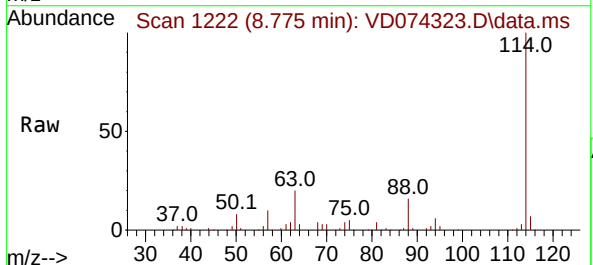
Tgt Ion: 114 Resp: 156901

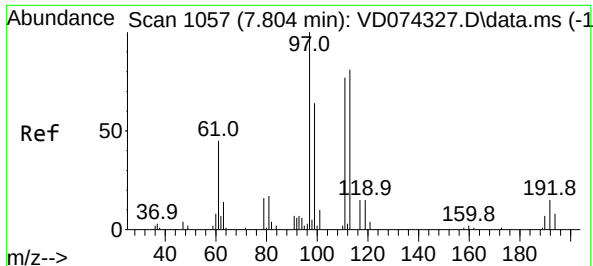
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.6

88 15.8 0.0 28.4





#35

Dibromofluoromethane

Concen: 43.986 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

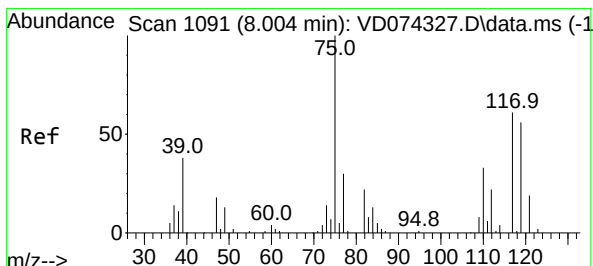
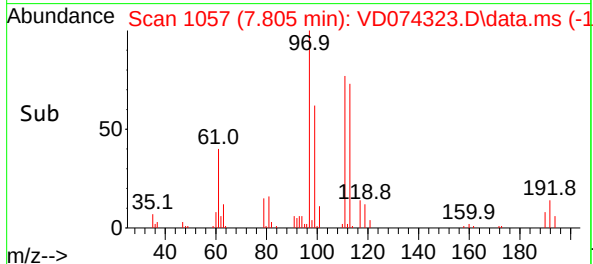
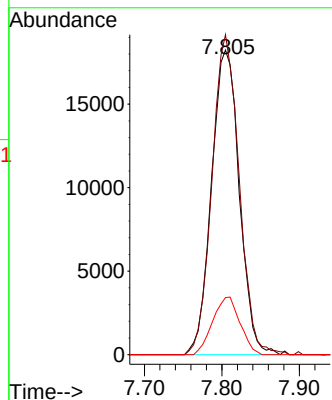
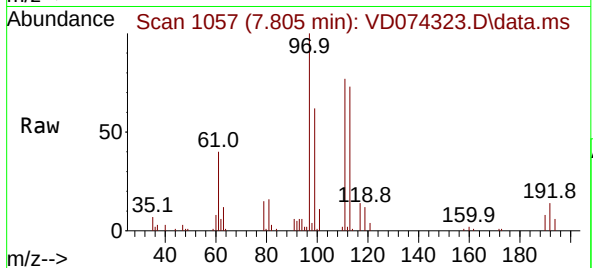
Tgt Ion:113 Resp: 45453

Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.6

192 18.6 16.2 24.2



#36

1,1-Dichloropropene

Concen: 46.232 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. 0.001 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

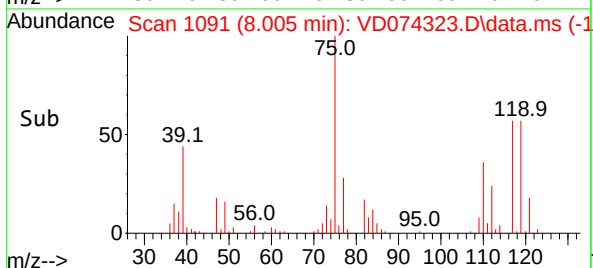
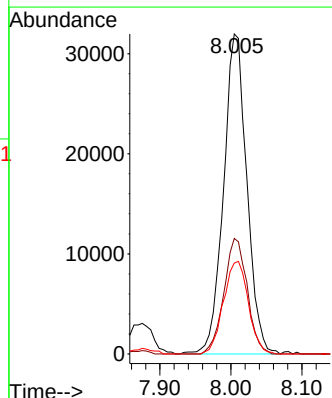
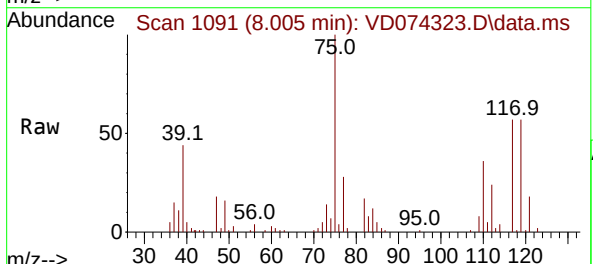
Tgt Ion: 75 Resp: 72927

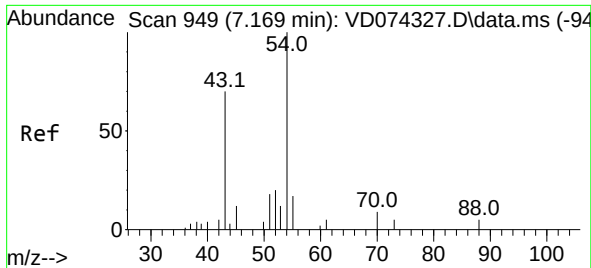
Ion Ratio Lower Upper

75 100

110 36.0 17.5 52.5

77 30.8 24.8 37.2

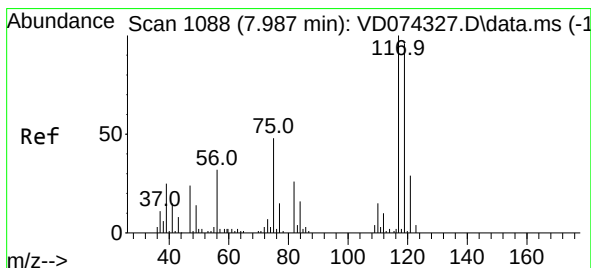
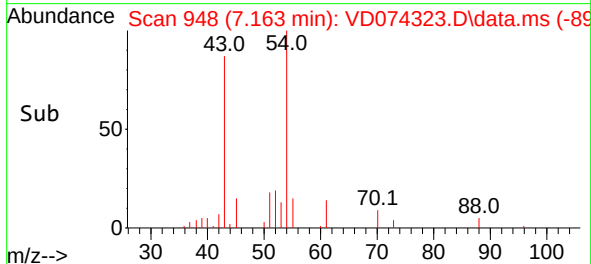
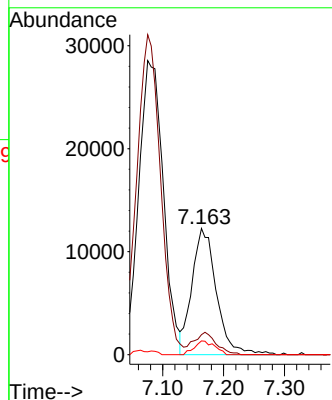
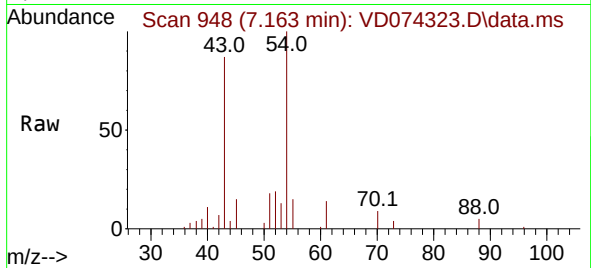




#37
Ethyl Acetate
Concen: 54.220 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

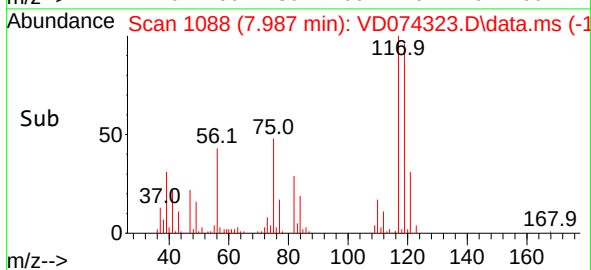
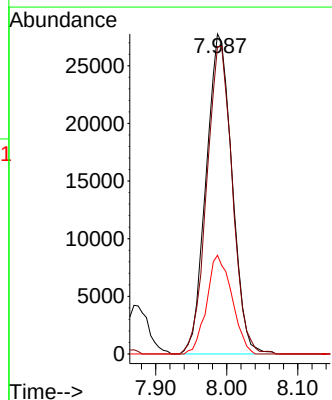
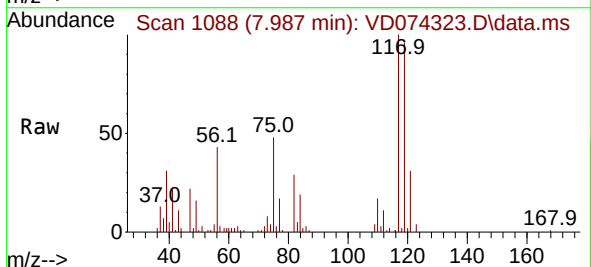
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

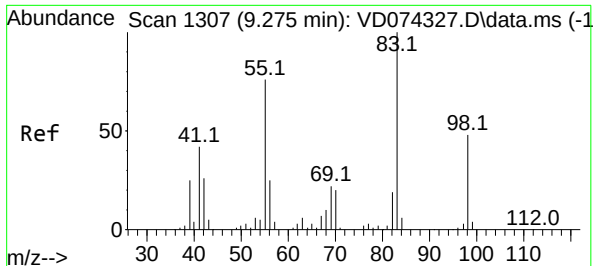
Tgt Ion: 43 Resp: 34264
Ion Ratio Lower Upper
43 100
61 16.4 12.1 18.1
70 9.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 50.301 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 117 Resp: 70314
Ion Ratio Lower Upper
117 100
119 96.0 78.8 118.2
121 30.9 23.9 35.9





#39

Methylcyclohexane

Concen: 45.054 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

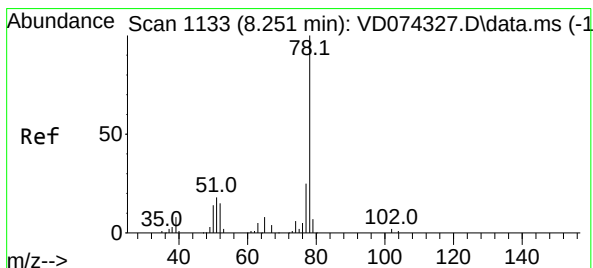
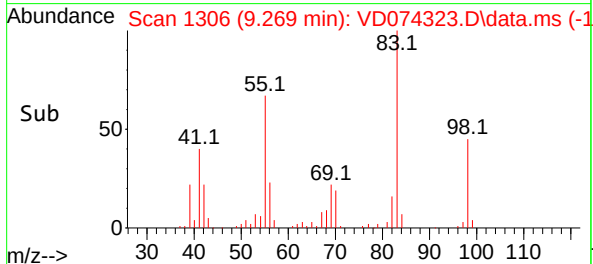
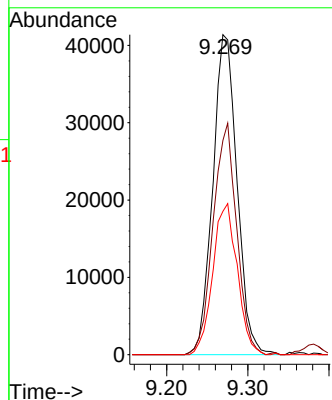
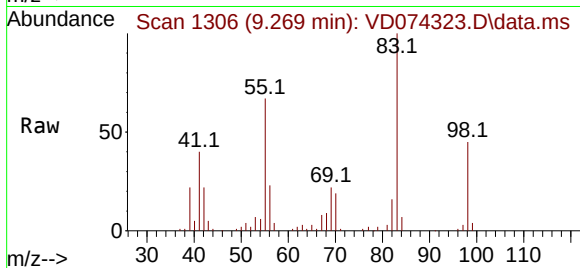
Tgt Ion: 83 Resp: 85962

Ion Ratio Lower Upper

83 100

55 67.0 57.2 85.8

98 44.8 38.3 57.5



#40

Benzene

Concen: 47.911 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD074323.D

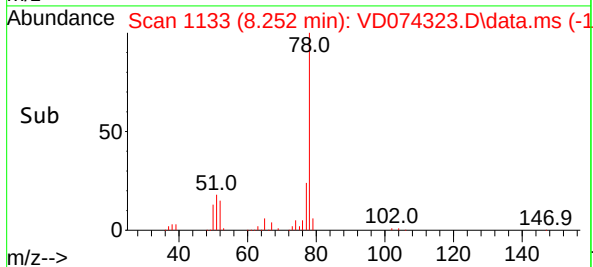
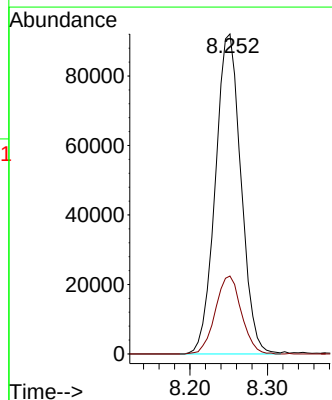
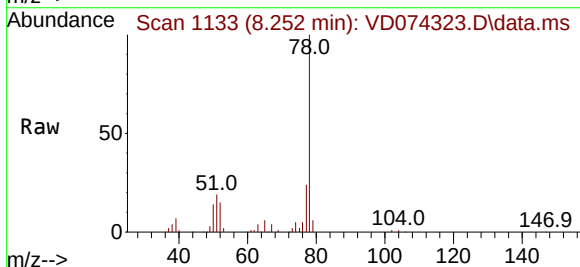
Acq: 16 Sep 2022 10:53

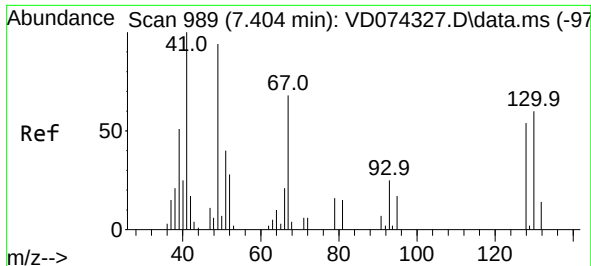
Tgt Ion: 78 Resp: 211907

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.2

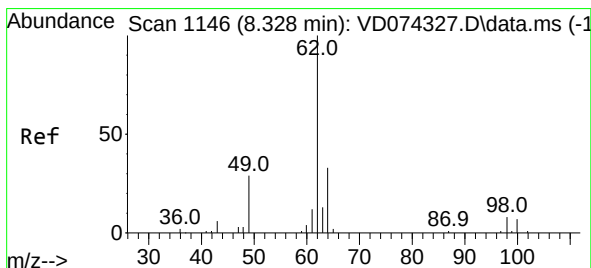
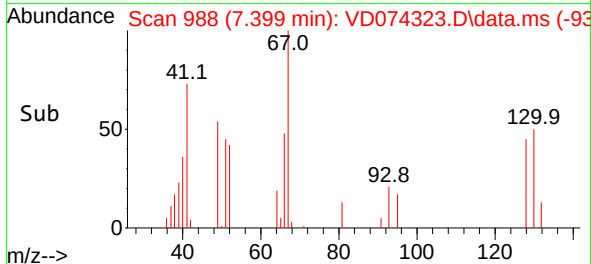
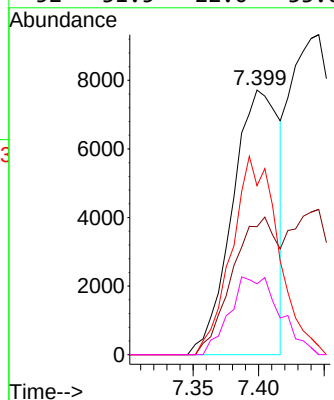
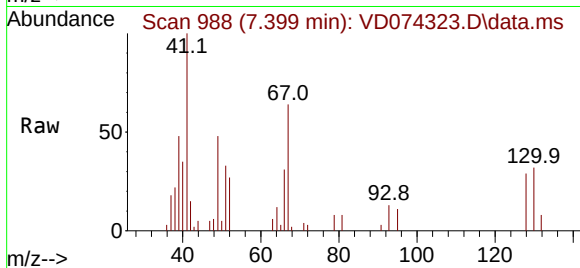




#41
Methacrylonitrile
Concen: 55.712 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.005 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

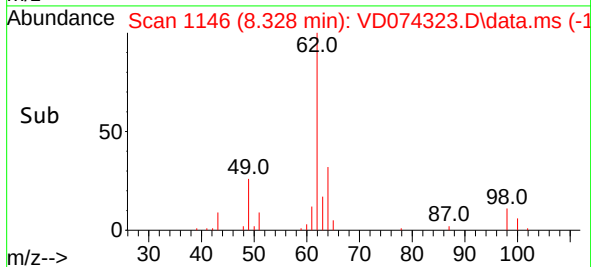
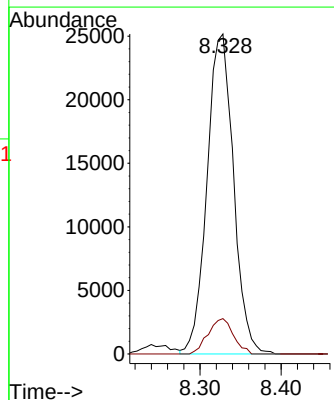
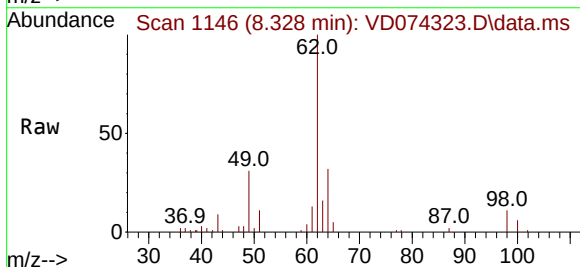
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

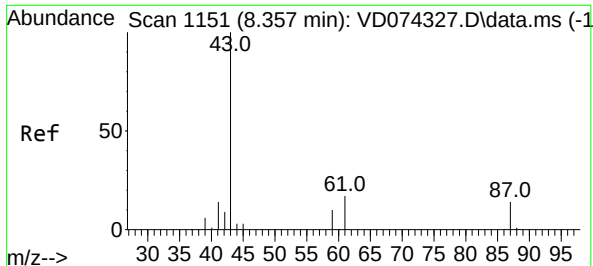
Tgt Ion:	41	Resp:	19110
Ion	Ratio	Lower	Upper
41	100		
39	50.8	39.8	59.6
67	74.8	56.1	84.1
52	31.5	22.0	33.0



#42
1,2-Dichloroethane
Concen: 50.506 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion:	62	Resp:	57051
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.4

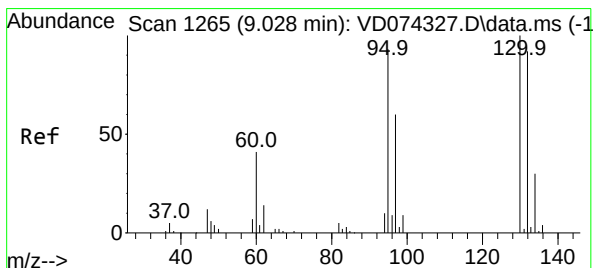
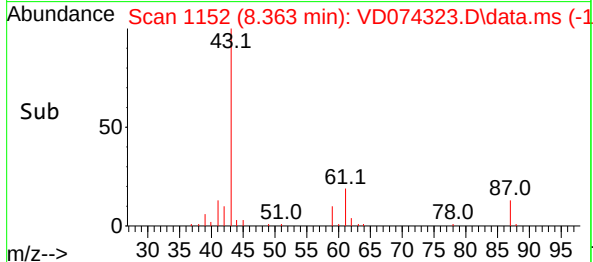
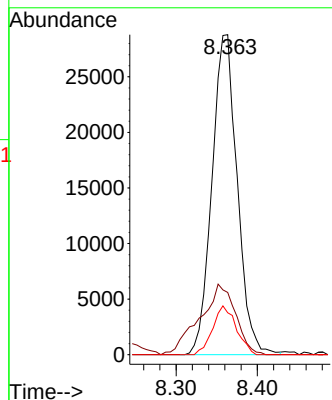
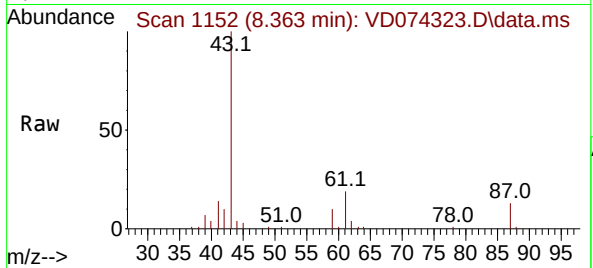




#43
Isopropyl Acetate
Concen: 53.480 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

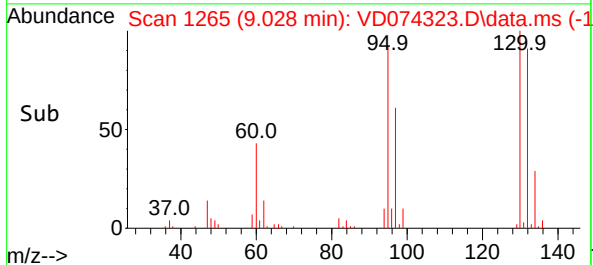
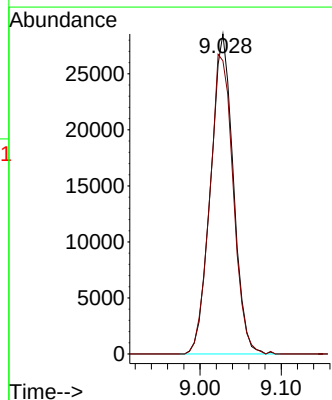
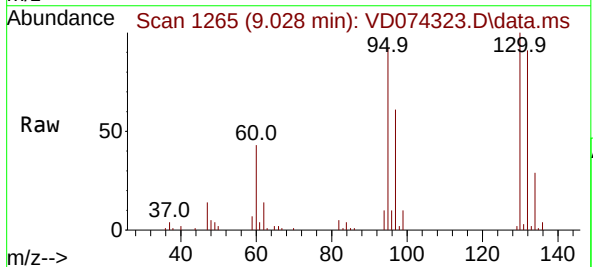
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

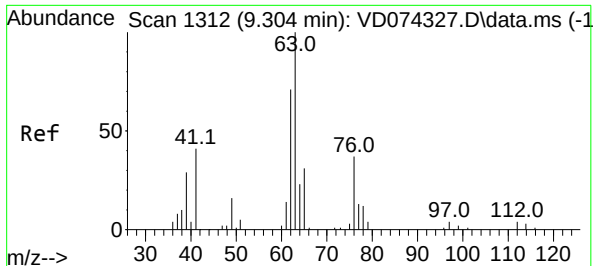
Tgt Ion: 43 Resp: 62352
Ion Ratio Lower Upper
43 100
61 31.0 24.5 36.7
87 14.2 10.8 16.2



#44
Trichloroethene
Concen: 47.435 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion:130 Resp: 55159
Ion Ratio Lower Upper
130 100
95 91.6 0.0 202.2





#45

1,2-Dichloropropane

Concen: 51.016 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

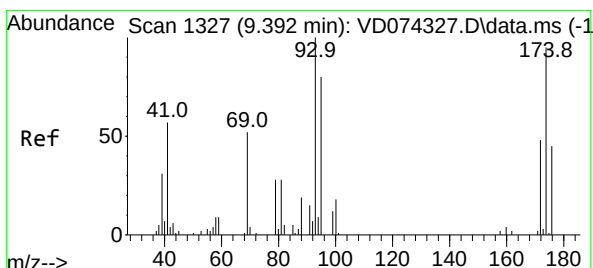
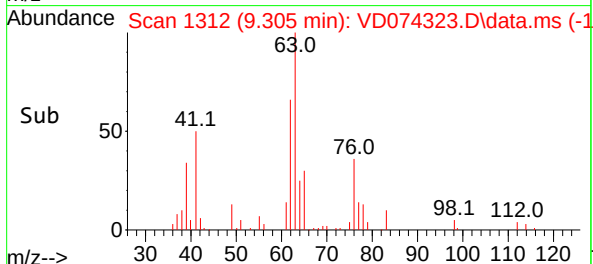
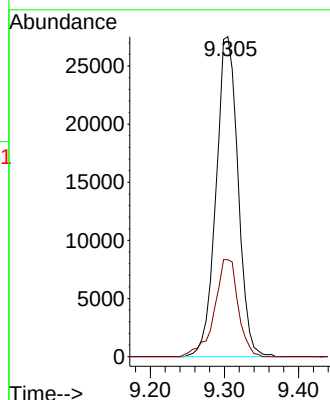
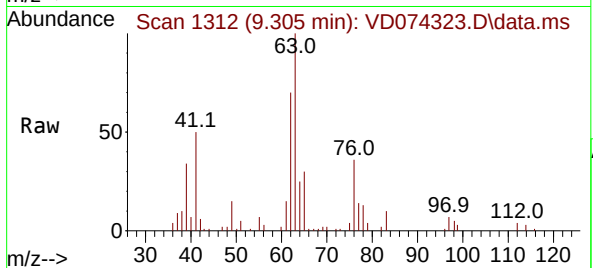
VSTDCCC050

Tgt Ion: 63 Resp: 56747

Ion Ratio Lower Upper

63 100

65 30.3 24.5 36.7



#46

Dibromomethane

Concen: 50.094 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.001 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

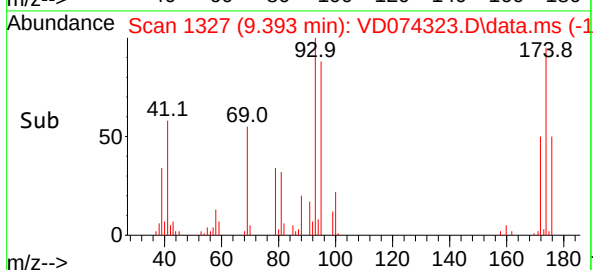
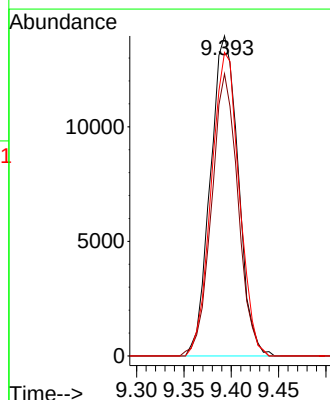
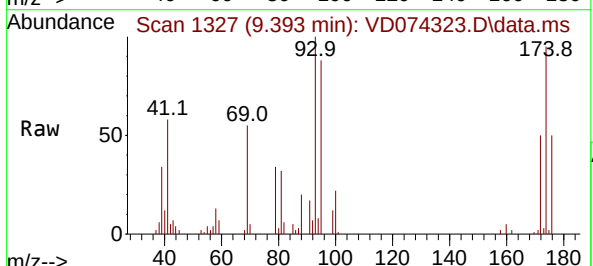
Tgt Ion: 93 Resp: 28662

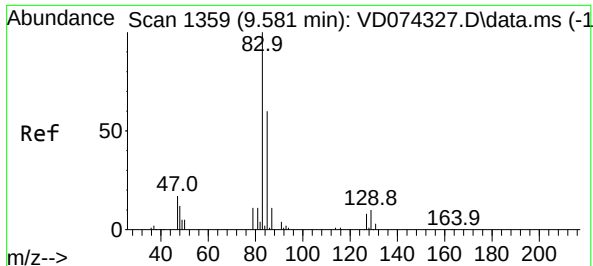
Ion Ratio Lower Upper

93 100

95 83.3 67.7 101.5

174 94.5 79.6 119.4

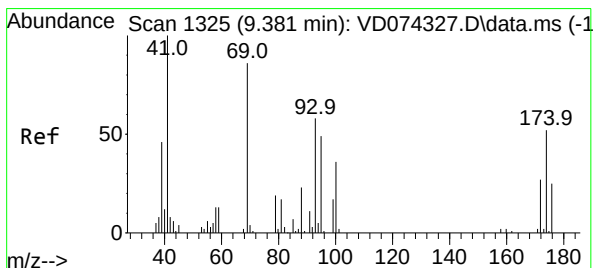
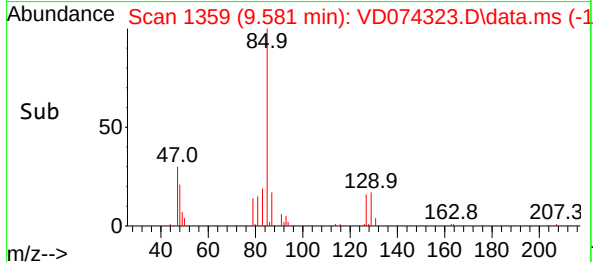
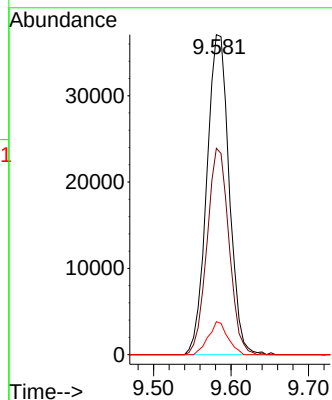
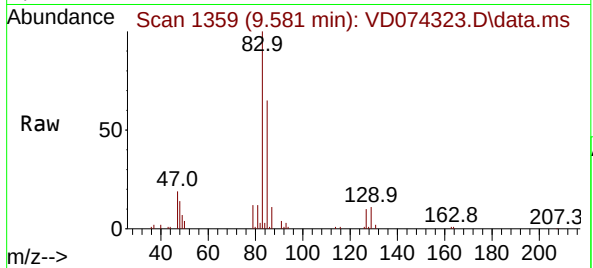




#47
Bromodichloromethane
Concen: 52.791 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

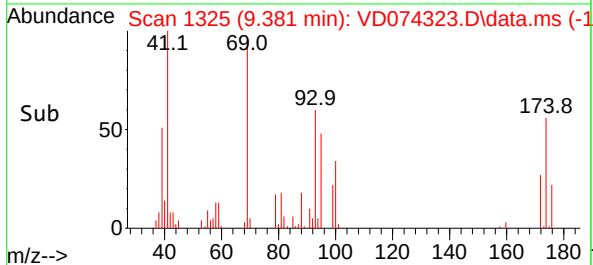
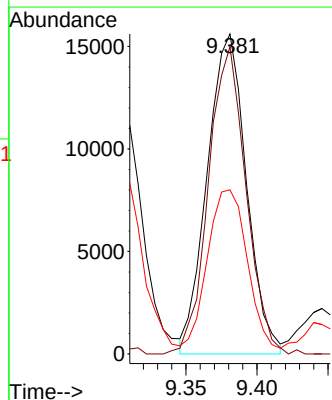
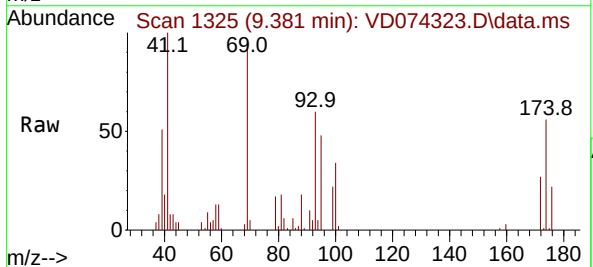
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

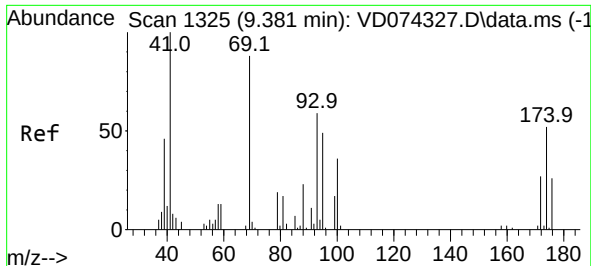
Tgt Ion: 83 Resp: 74397
Ion Ratio Lower Upper
83 100
85 64.5 53.4 80.2
127 10.3 6.9 10.3



#48
Methyl methacrylate
Concen: 53.073 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 41 Resp: 29944
Ion Ratio Lower Upper
41 100
69 92.0 72.7 109.1
39 53.2 41.6 62.4





#49

1,4-Dioxane

Concen: 1061.887 ug/l

RT: 9.375 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

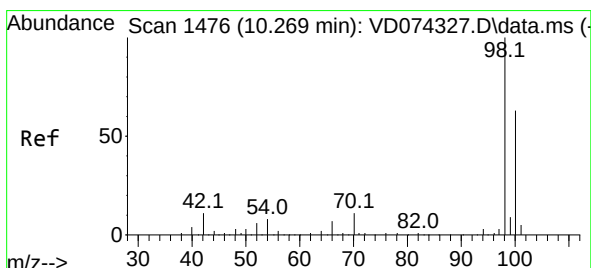
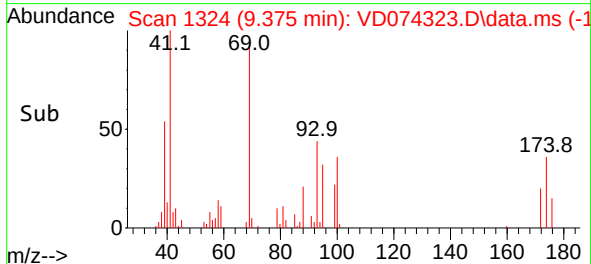
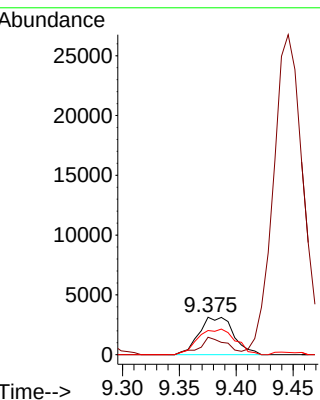
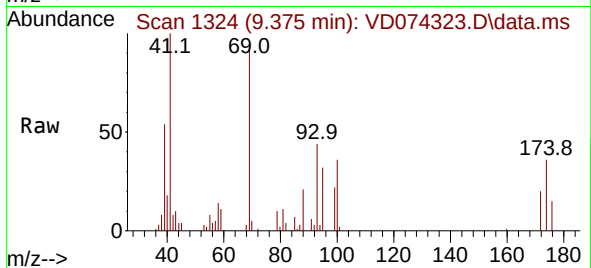
Tgt Ion: 88 Resp: 6649

Ion Ratio Lower Upper

88 100

43 37.1 27.0 40.4

58 74.0 54.2 81.2



#50

Toluene-d8

Concen: 48.283 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074323.D

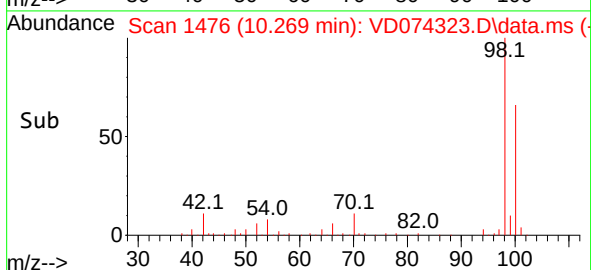
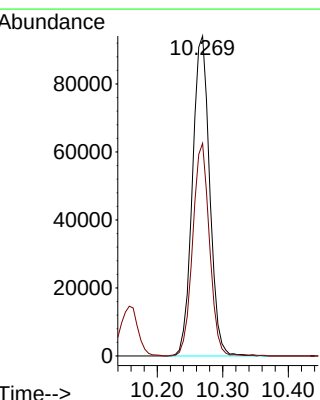
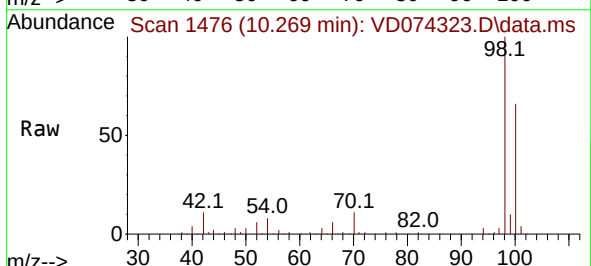
Acq: 16 Sep 2022 10:53

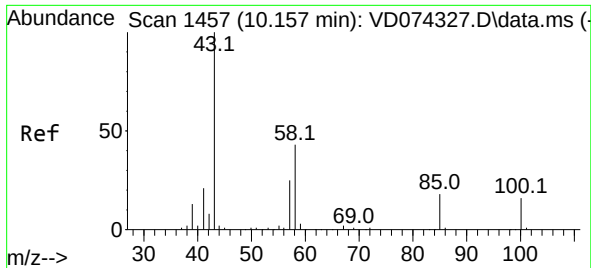
Tgt Ion: 98 Resp: 172159

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.8

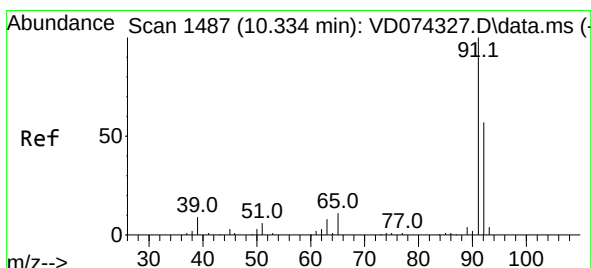
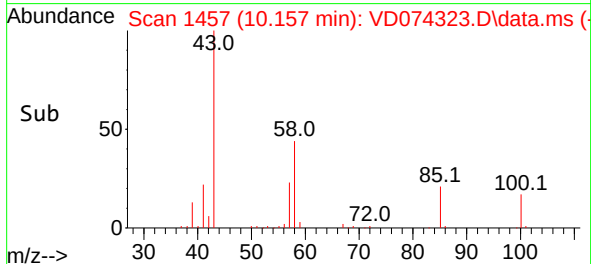
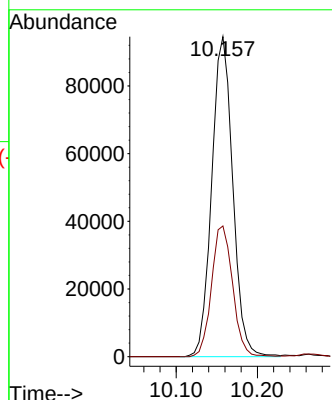
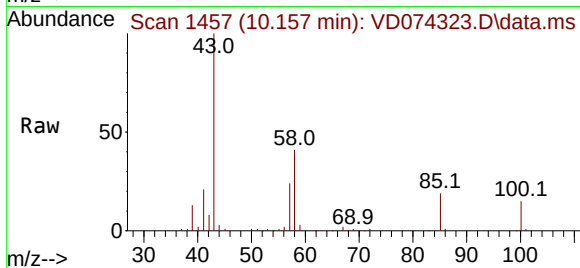




#51
4-Methyl-2-Pentanone
Concen: 278.041 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

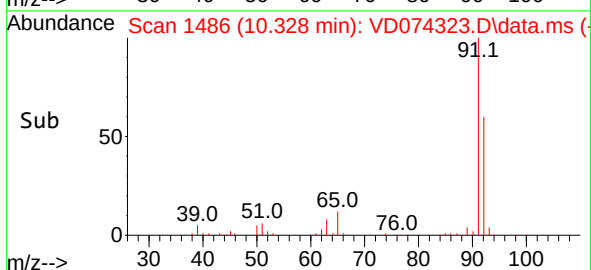
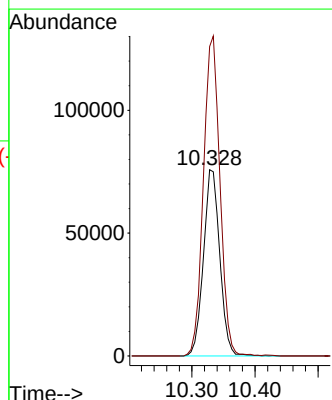
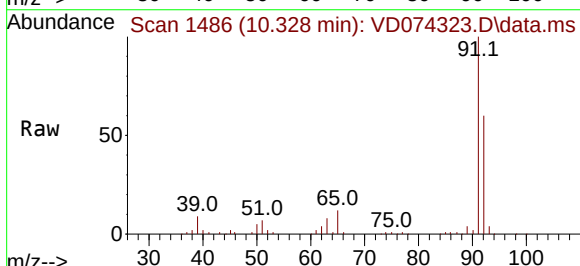
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

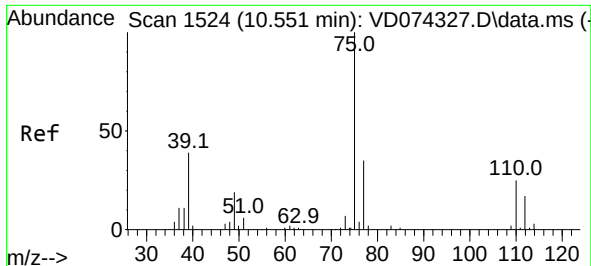
Tgt Ion: 43 Resp: 170315
Ion Ratio Lower Upper
43 100
58 40.9 33.3 49.9



#52
Toluene
Concen: 49.844 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 92 Resp: 135793
Ion Ratio Lower Upper
92 100
91 173.9 139.3 208.9

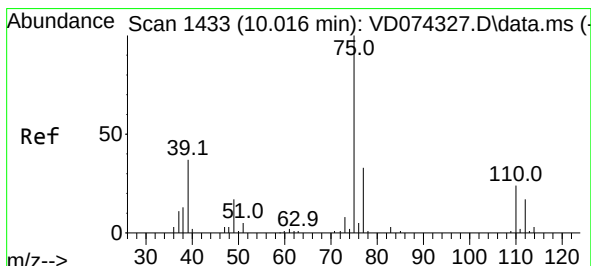
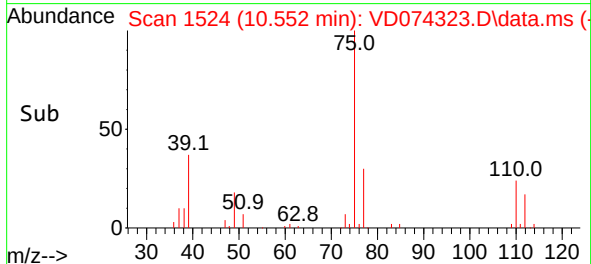
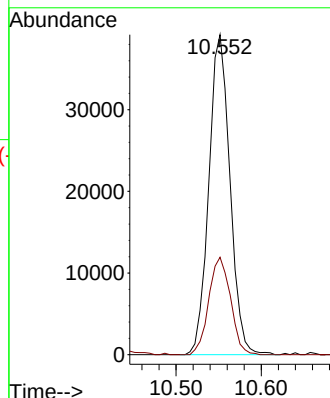
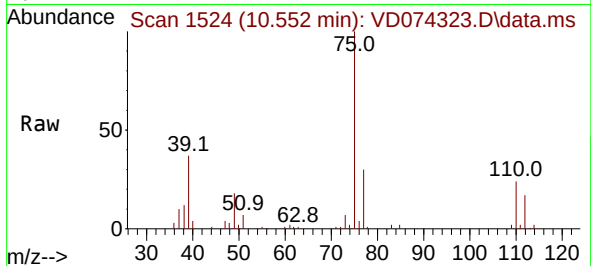




#53
 t-1,3-Dichloropropene
 Concen: 53.633 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VD074323.D
 Acq: 16 Sep 2022 10:53

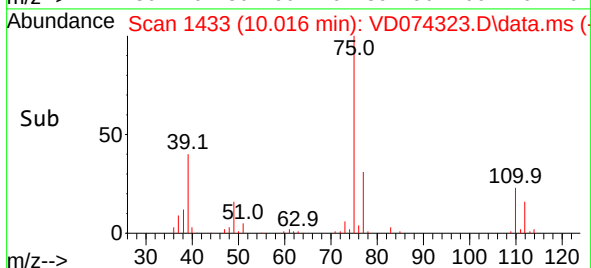
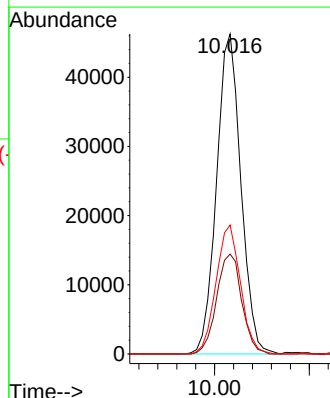
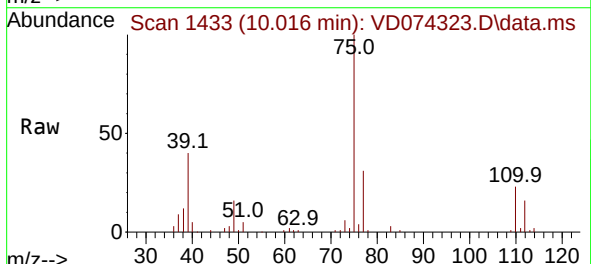
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

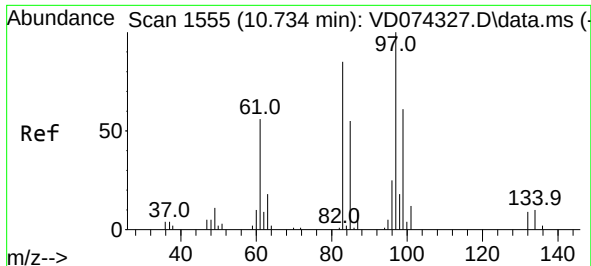
Tgt Ion: 75 Resp: 67435
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 50.662 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD074323.D
 Acq: 16 Sep 2022 10:53

Tgt Ion: 75 Resp: 82413
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0
 39 40.3 31.6 47.4

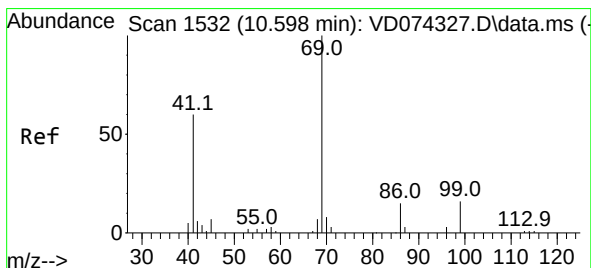
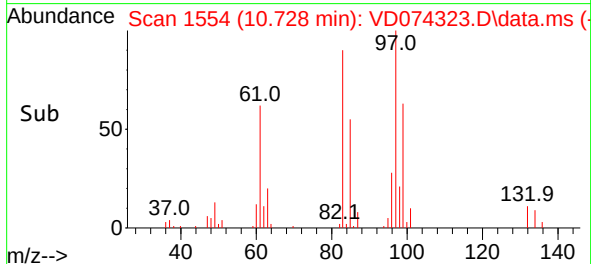
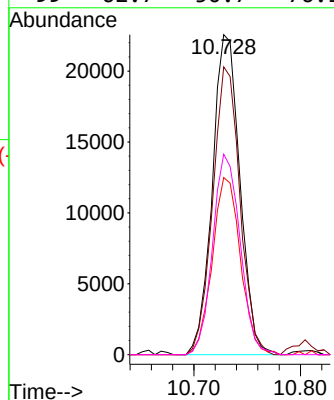
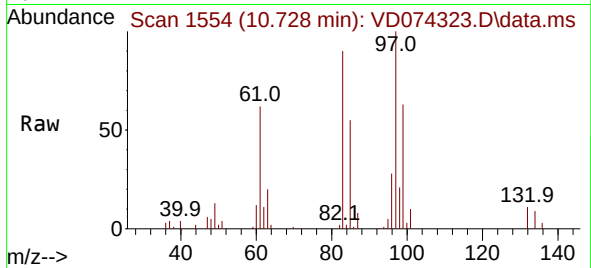




#55
1,1,2-Trichloroethane
Concen: 53.761 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

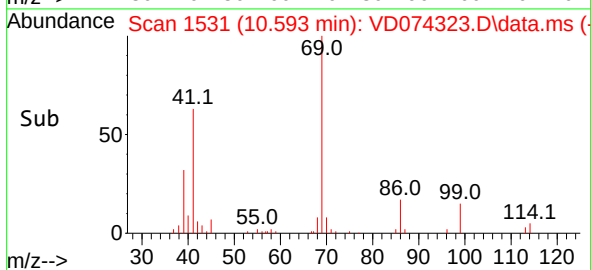
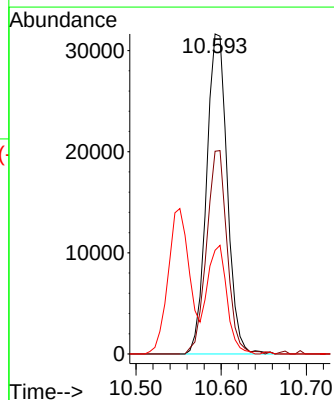
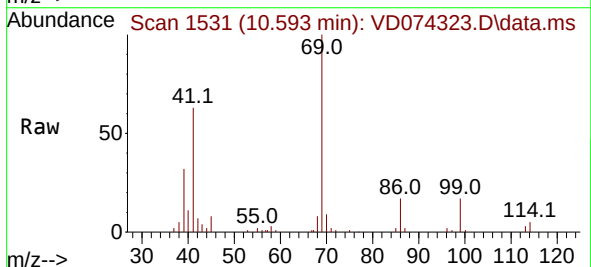
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

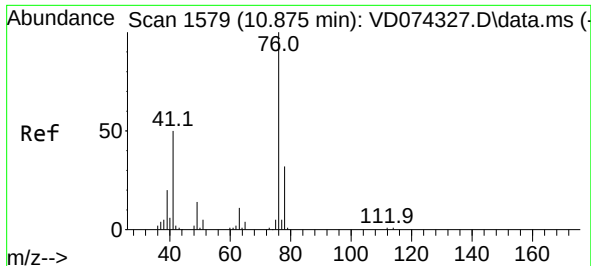
Tgt Ion:	97	Resp:	40518
Ion	Ratio	Lower	Upper
97	100		
83	90.0	68.0	102.0
85	55.3	45.8	68.8
99	62.7	50.7	76.1



#56
Ethyl methacrylate
Concen: 54.224 ug/l
RT: 10.593 min Scan# 1531
Delta R.T. -0.005 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion:	69	Resp:	53535
Ion	Ratio	Lower	Upper
69	100		
41	63.1	49.4	74.2
39	31.8	24.2	36.4





#57

1,3-Dichloropropane

Concen: 52.084 ug/l

RT: 10.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

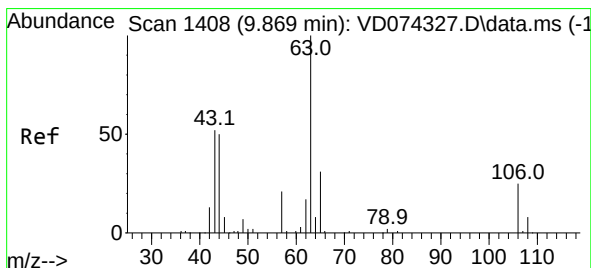
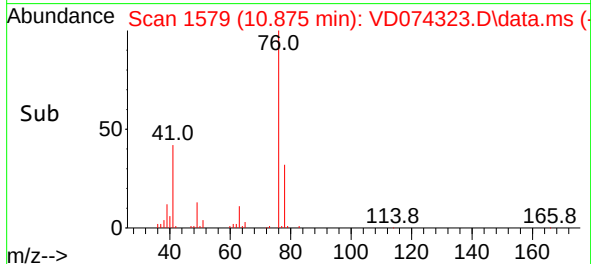
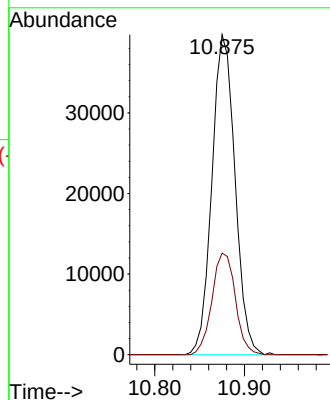
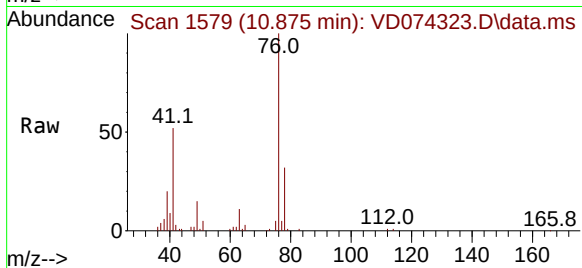
VSTDCCC050

Tgt Ion: 76 Resp: 70946

Ion Ratio Lower Upper

76 100

78 32.1 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 142.191 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074323.D

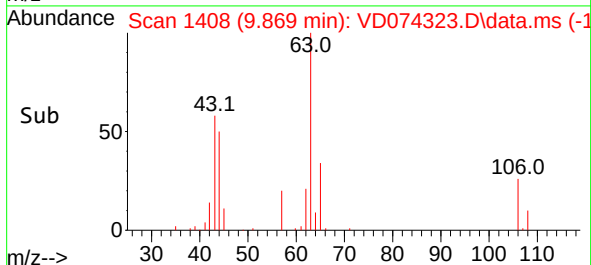
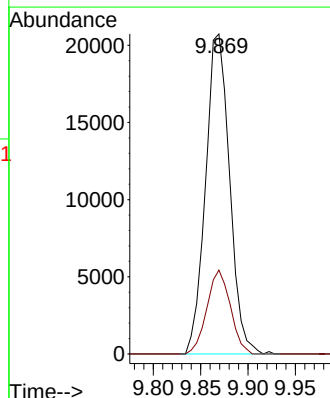
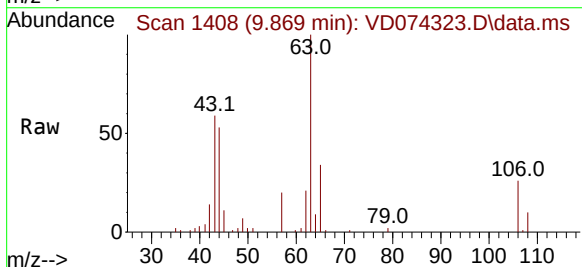
Acq: 16 Sep 2022 10:53

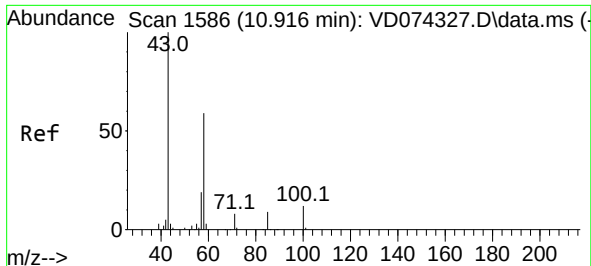
Tgt Ion: 63 Resp: 36572

Ion Ratio Lower Upper

63 100

106 25.5 21.9 32.9

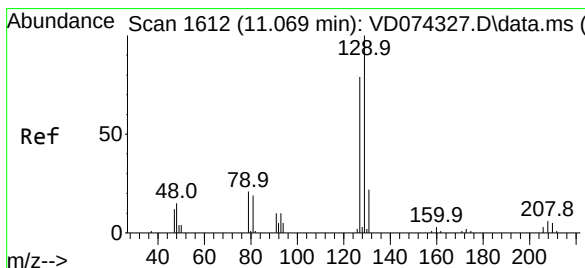
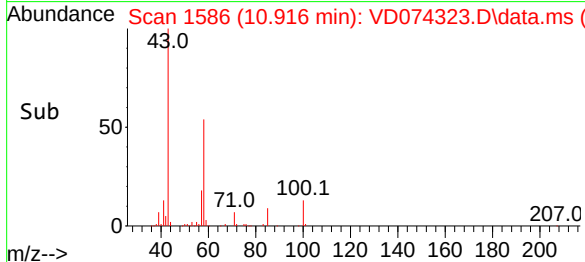
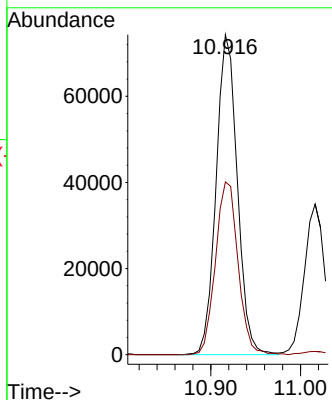
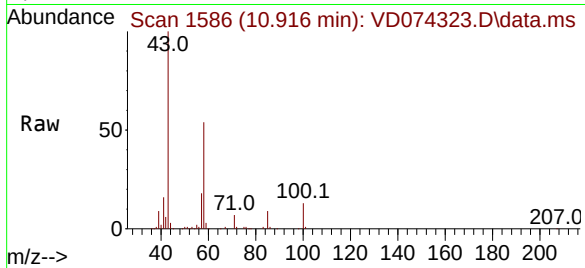




#59
2-Hexanone
Concen: 284.254 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

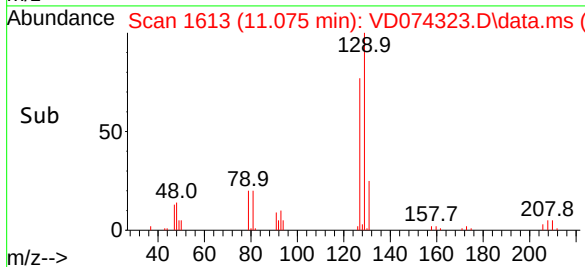
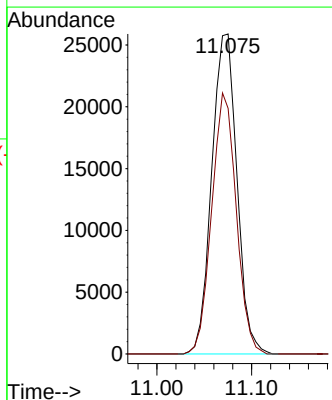
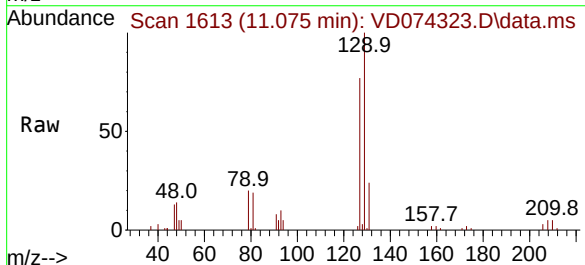
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

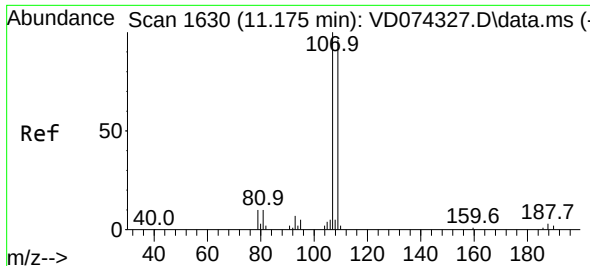
Tgt Ion: 43 Resp: 121792
Ion Ratio Lower Upper
43 100
58 57.5 28.6 85.8



#60
Dibromochloromethane
Concen: 53.061 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 129 Resp: 47889
Ion Ratio Lower Upper
129 100
127 79.5 39.0 116.9

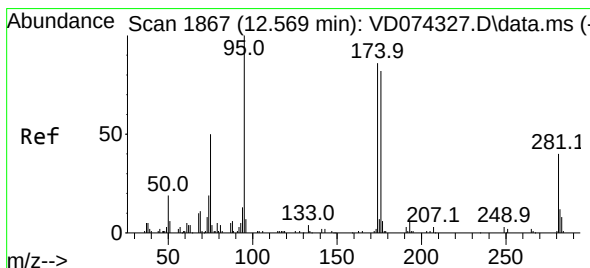
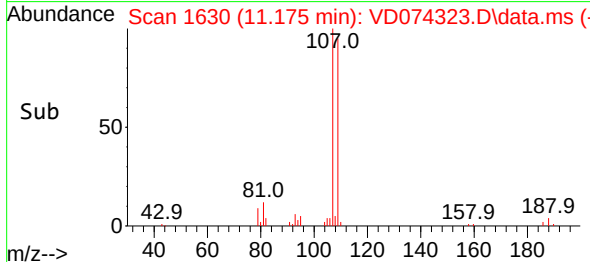
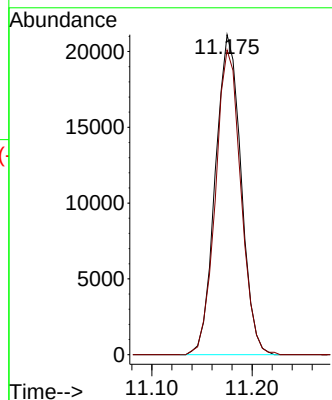
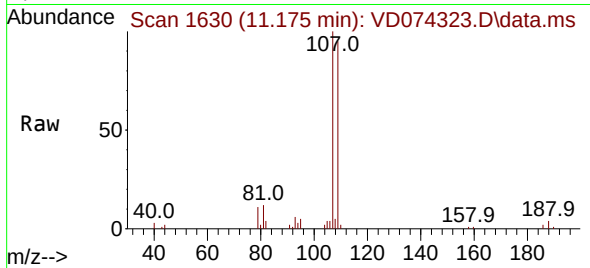




#61
1,2-Dibromoethane
Concen: 51.785 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

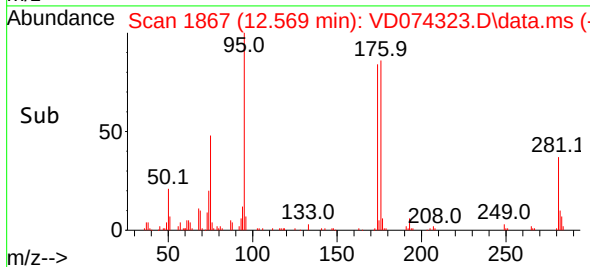
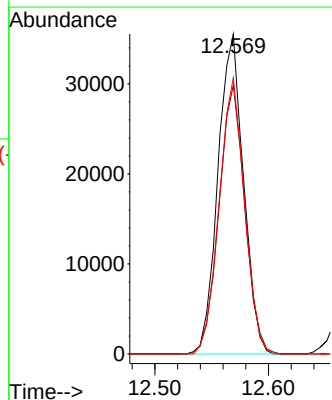
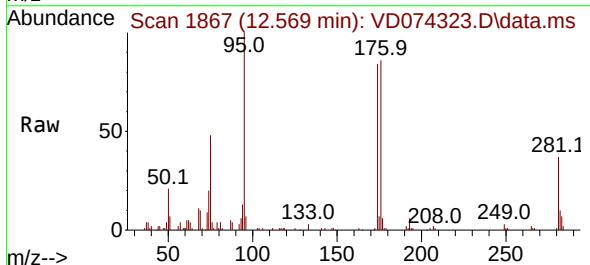
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

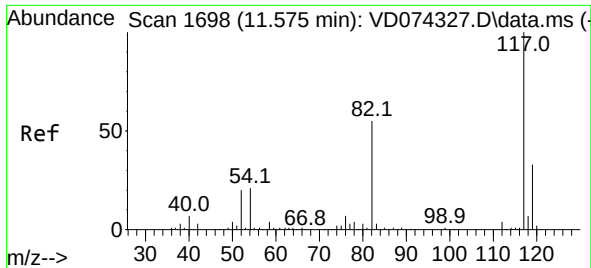
Tgt Ion:107 Resp: 37482
Ion Ratio Lower Upper
107 100
109 94.2 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 45.402 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 95 Resp: 55498
Ion Ratio Lower Upper
95 100
174 84.5 0.0 179.2
176 85.6 0.0 171.4

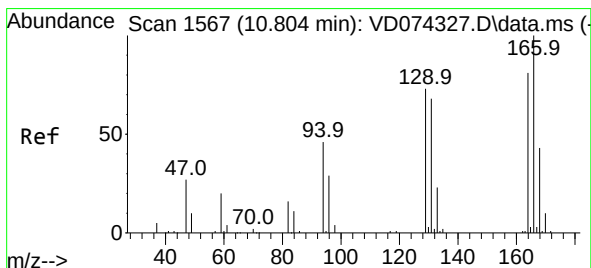
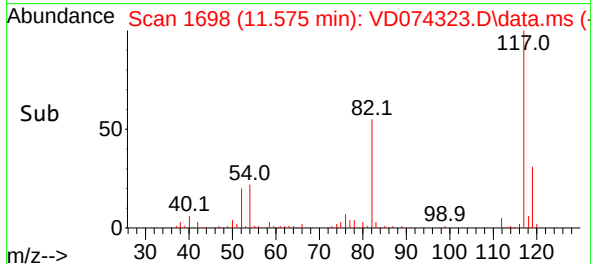
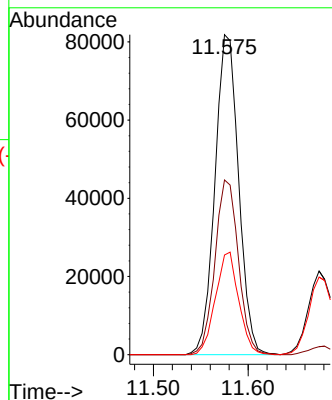
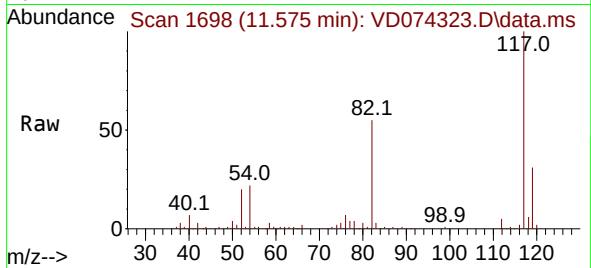




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

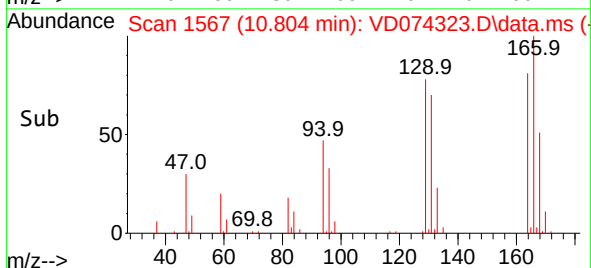
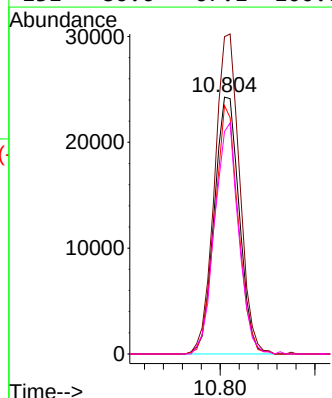
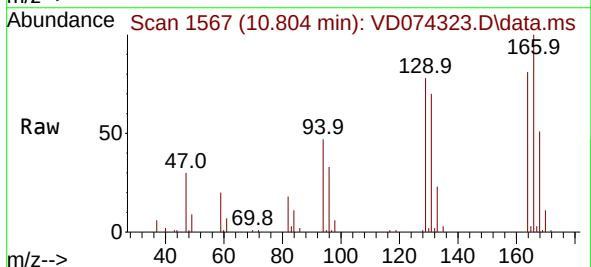
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

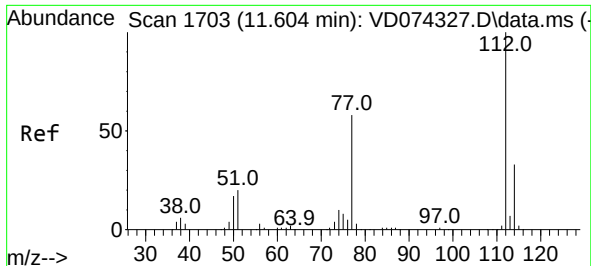
Tgt Ion:117 Resp: 142266
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.2 25.4 38.0



#64
Tetrachloroethene
Concen: 46.141 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion:164 Resp: 44495
Ion Ratio Lower Upper
164 100
166 123.6 93.8 140.8
129 96.7 68.3 102.5
131 86.6 67.1 100.7

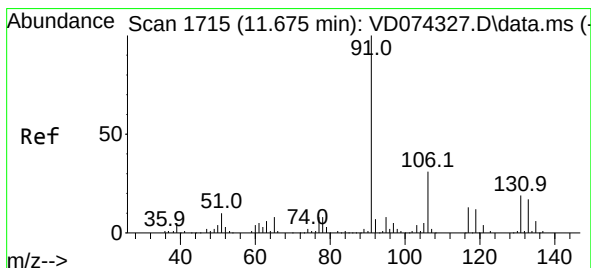
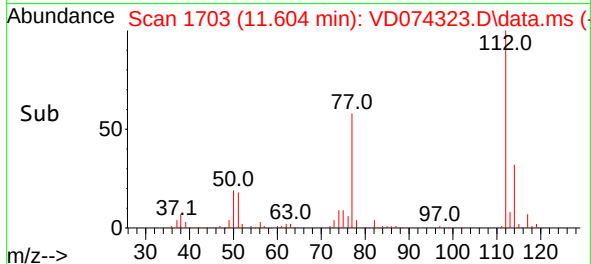
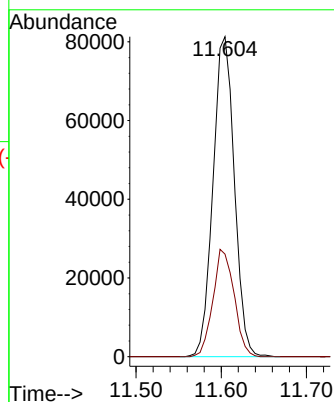
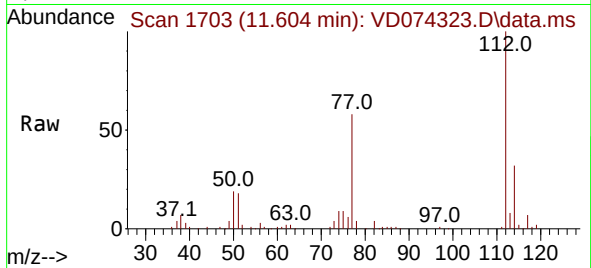




#65
Chlorobenzene
Concen: 48.278 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

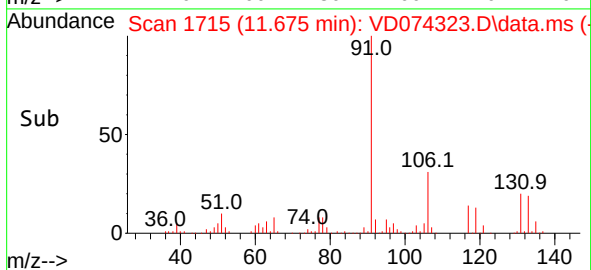
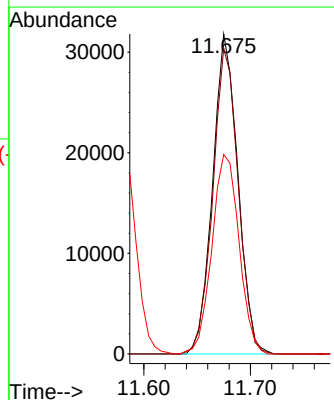
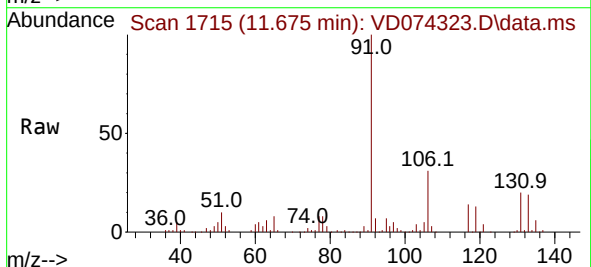
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

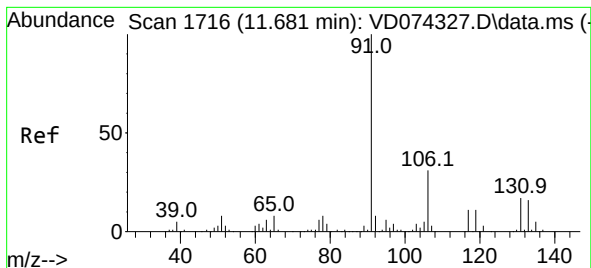
Tgt Ion:112 Resp: 141495
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.831 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion:131 Resp: 52166
Ion Ratio Lower Upper
131 100
133 96.7 47.8 143.4
119 67.3 33.1 99.5





#67

Ethyl Benzene

Concen: 49.626 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

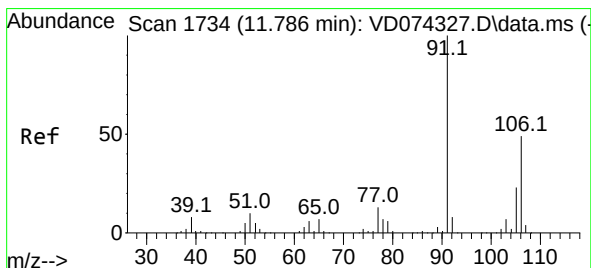
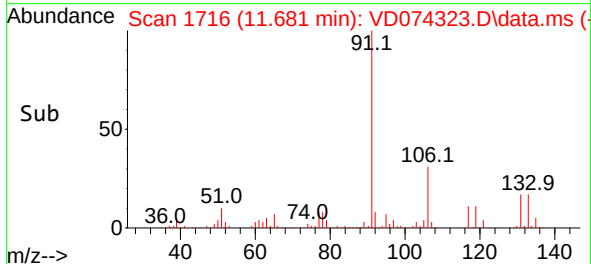
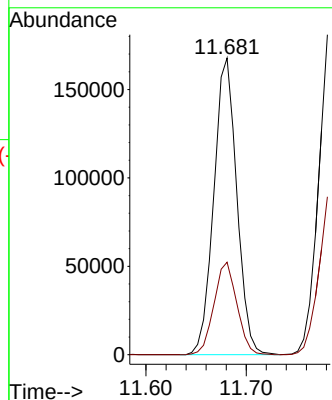
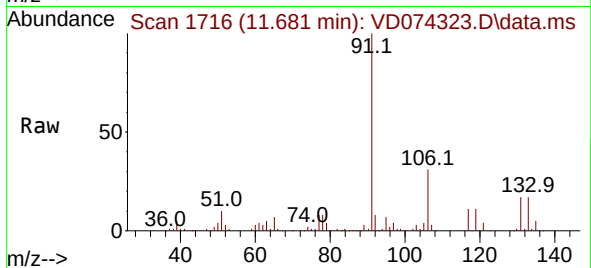
VSTDCCC050

Tgt Ion: 91 Resp: 266838

Ion Ratio Lower Upper

91 100

106 31.2 24.8 37.2



#68

m/p-Xylenes

Concen: 97.410 ug/l

RT: 11.787 min Scan# 1734

Delta R.T. 0.001 min

Lab File: VD074323.D

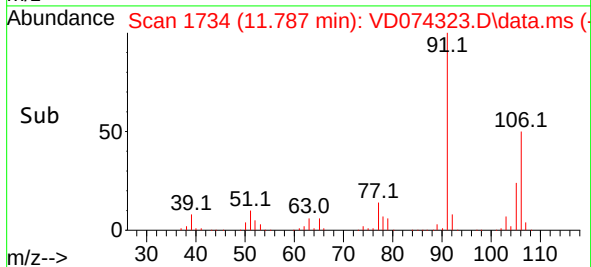
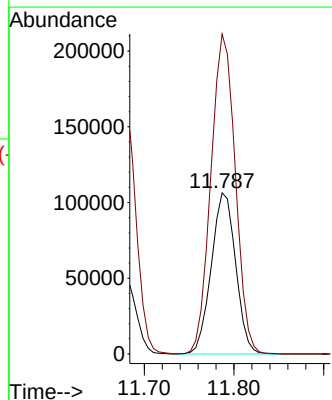
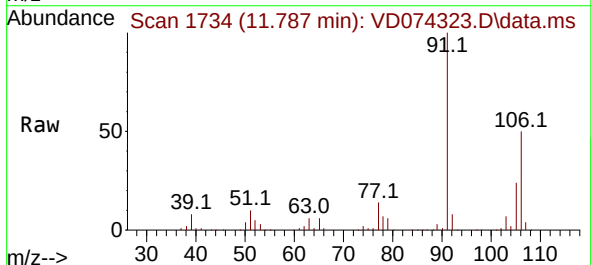
Acq: 16 Sep 2022 10:53

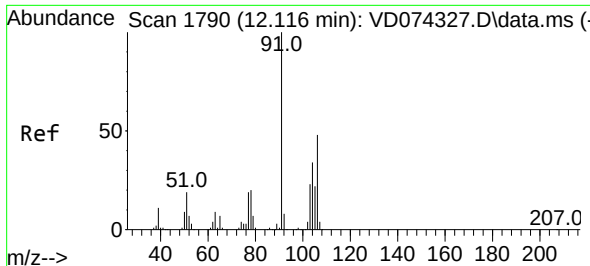
Tgt Ion:106 Resp: 200632

Ion Ratio Lower Upper

106 100

91 199.3 158.6 237.8

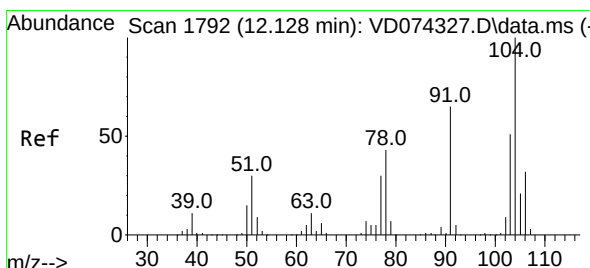
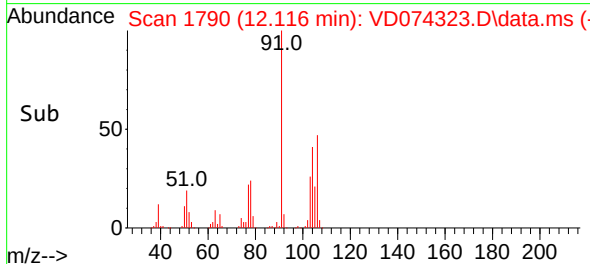
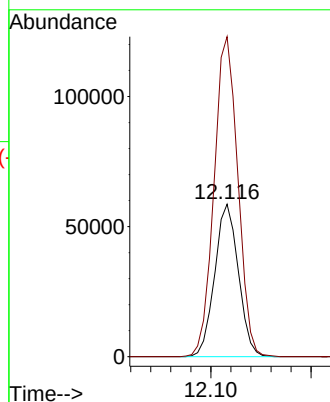
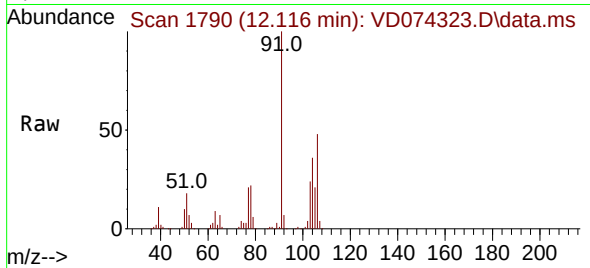




#69
o-Xylene
Concen: 51.068 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

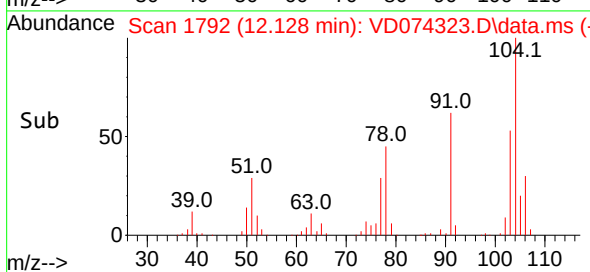
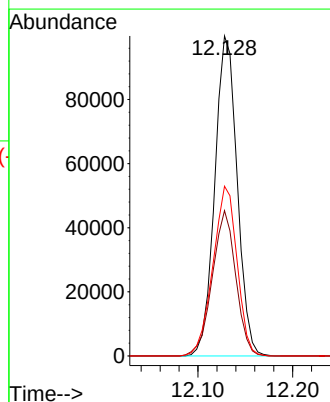
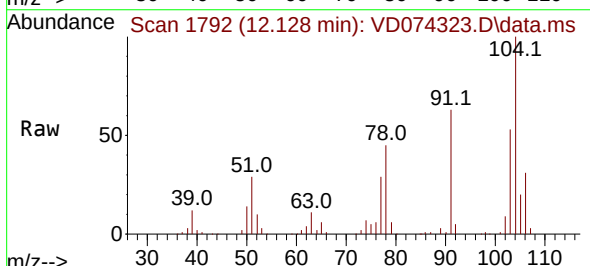
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

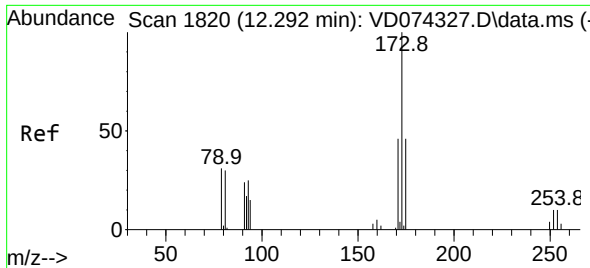
Tgt Ion:106 Resp: 96123
Ion Ratio Lower Upper
106 100
91 210.7 104.0 312.0



#70
Styrene
Concen: 51.250 ug/l
RT: 12.128 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion:104 Resp: 164291
Ion Ratio Lower Upper
104 100
78 47.6 38.4 57.6
103 57.1 44.1 66.1

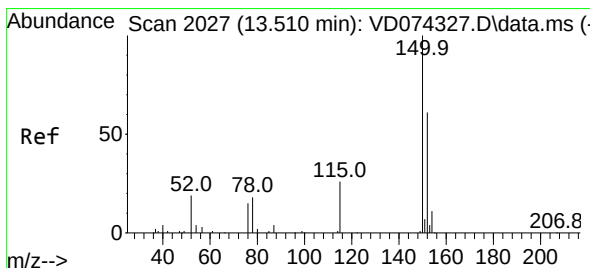
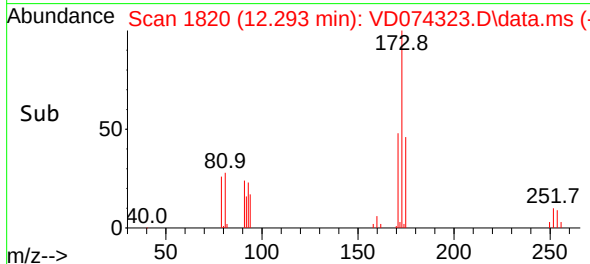
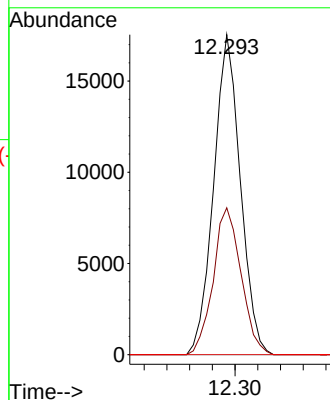
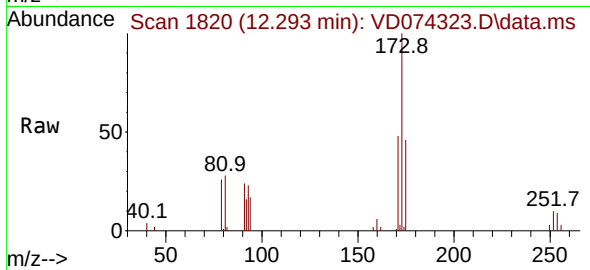




#71
Bromoform
Concen: 52.936 ug/l
RT: 12.293 min Scan# 1820
Delta R.T. 0.001 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

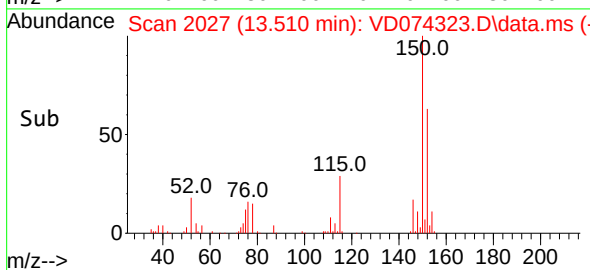
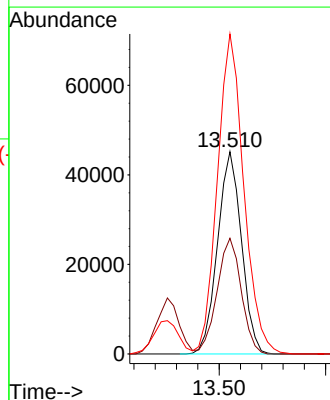
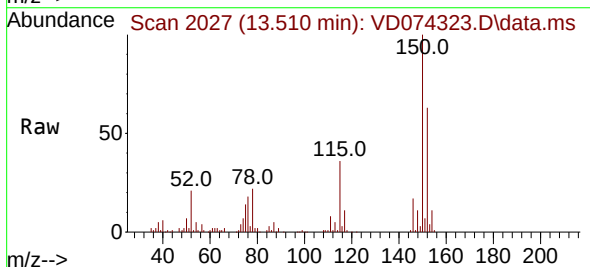
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

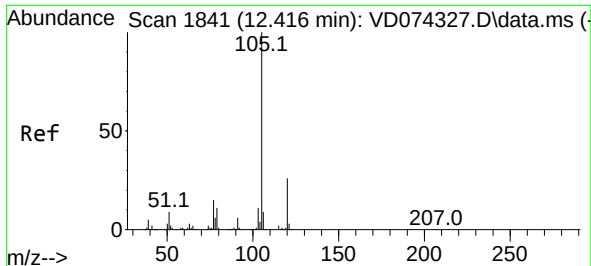
Tgt Ion:173 Resp: 28590
Ion Ratio Lower Upper
173 100
175 47.9 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion:152 Resp: 70360
Ion Ratio Lower Upper
152 100
115 57.8 28.4 85.2
150 174.5 0.0 351.0

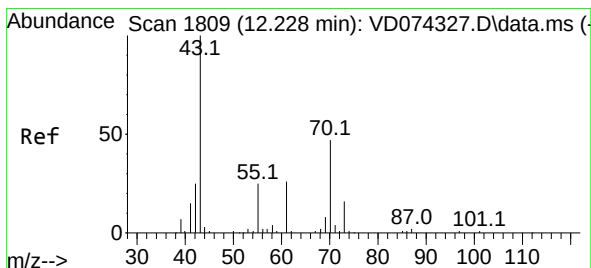
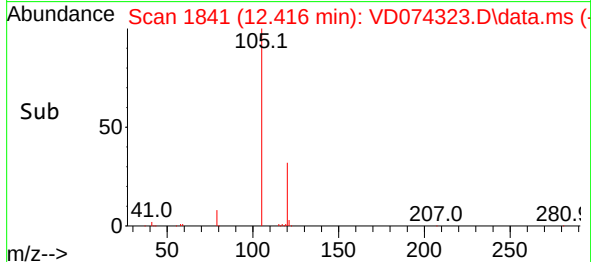
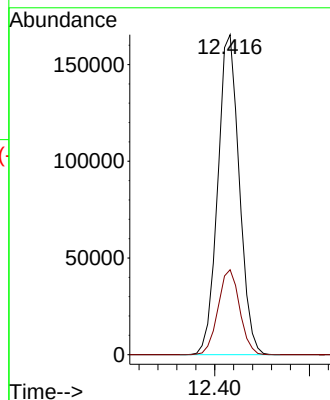
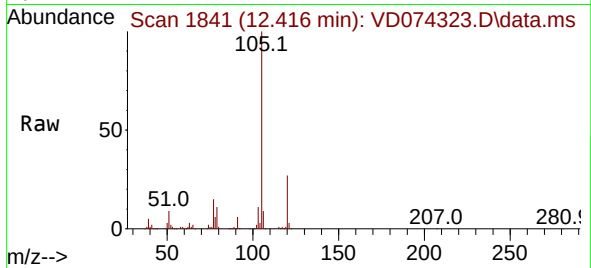




#73
Isopropylbenzene
Concen: 48.141 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

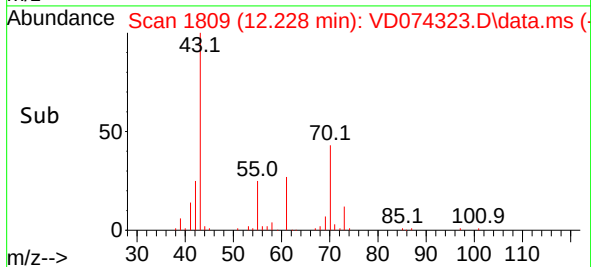
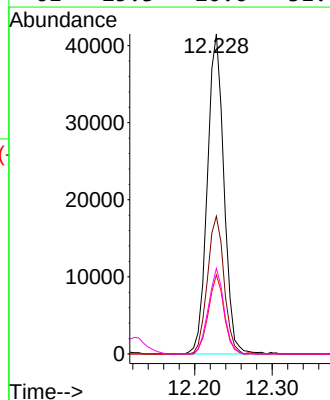
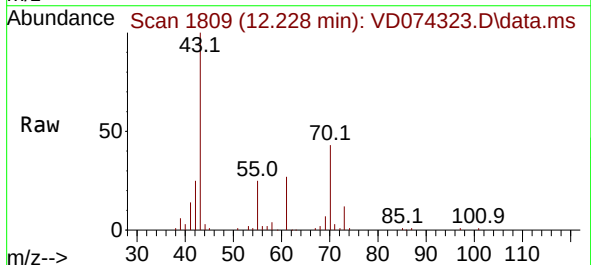
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

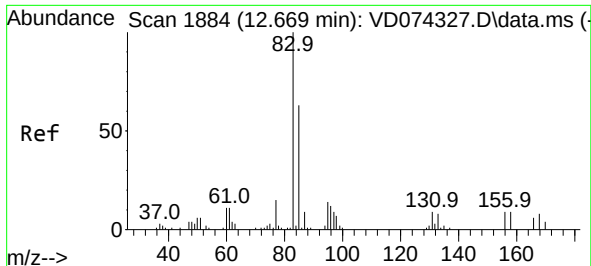
Tgt Ion:105 Resp: 260515
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6



#74
N-ethyl acetate
Concen: 51.573 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 43 Resp: 61678
Ion Ratio Lower Upper
43 100
70 43.1 34.6 51.8
55 23.4 18.2 27.2
61 25.3 20.6 31.0

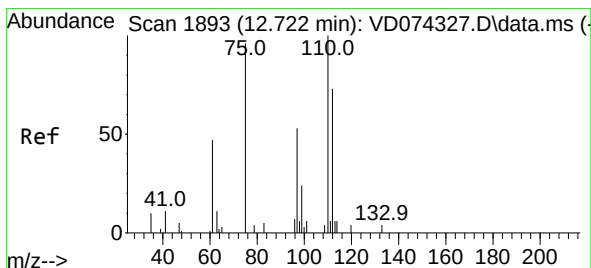
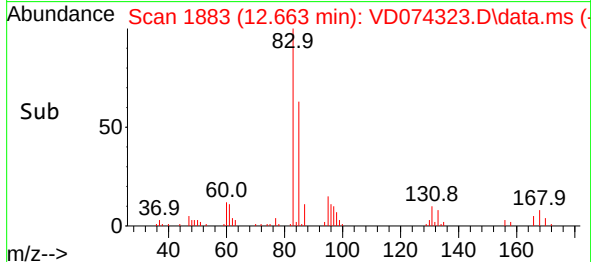
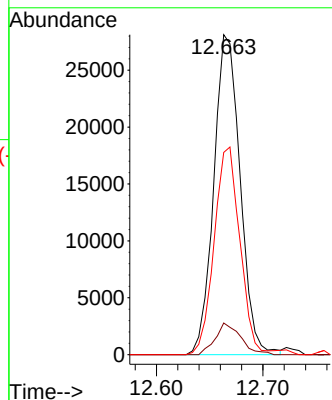
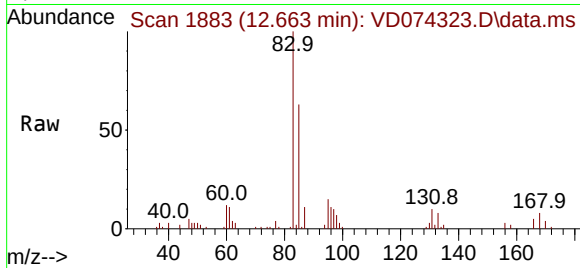




#75
1,1,2,2-Tetrachloroethane
Concen: 51.455 ug/l
RT: 12.663 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

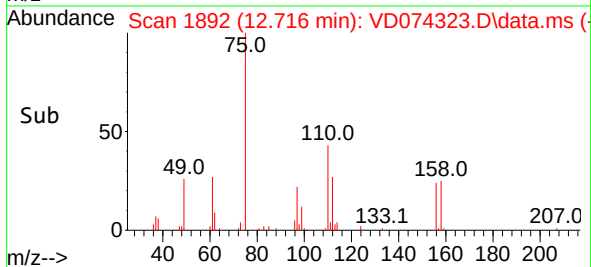
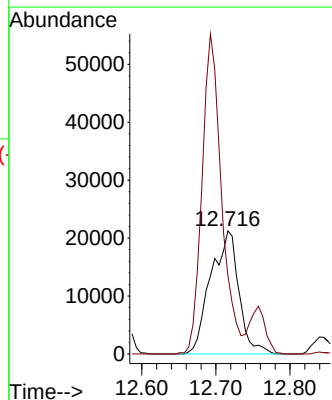
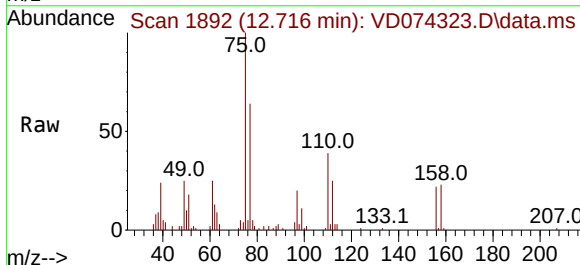
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

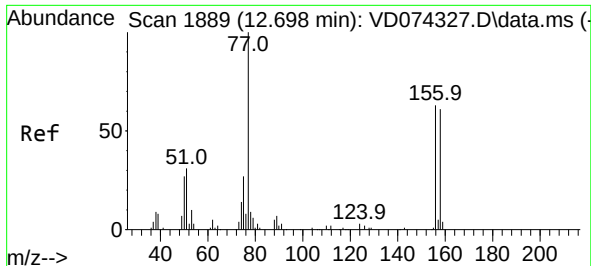
Tgt Ion: 83 Resp: 48380
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 63.1 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 86.267 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 75 Resp: 56159
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

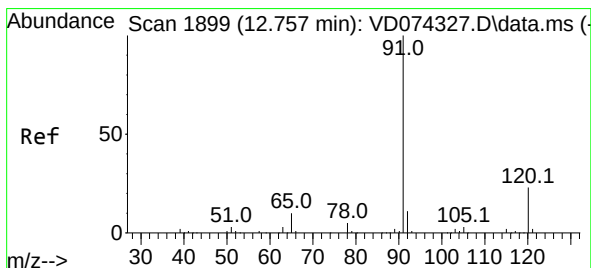
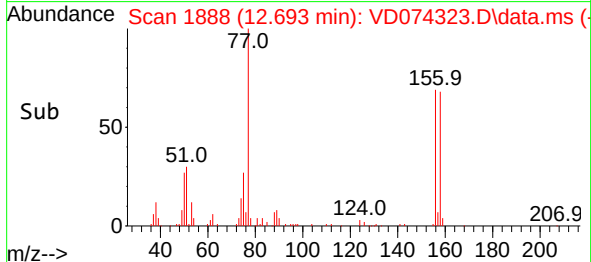
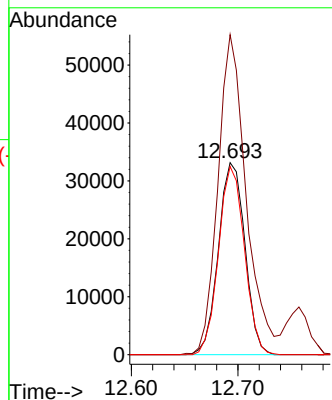
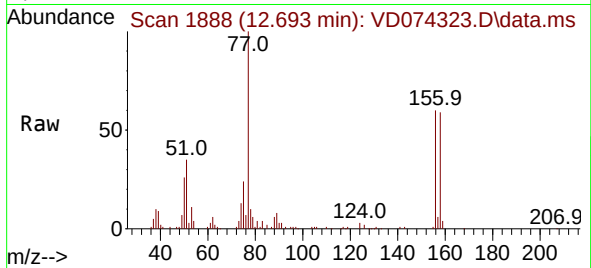




#77
Bromobenzene
Concen: 48.500 ug/l
RT: 12.693 min Scan# 1888
Delta R.T. -0.005 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

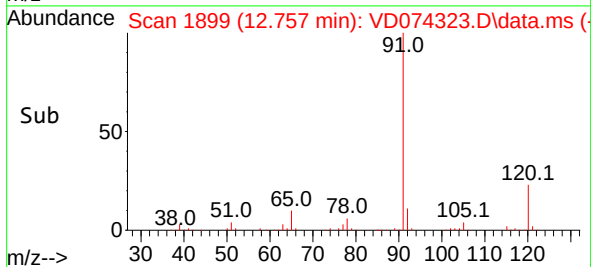
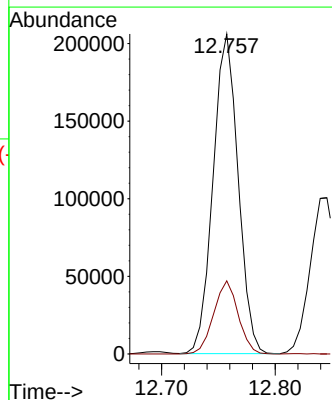
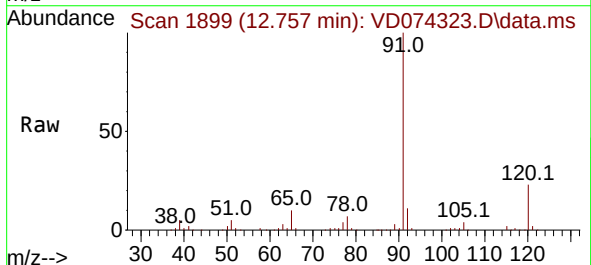
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

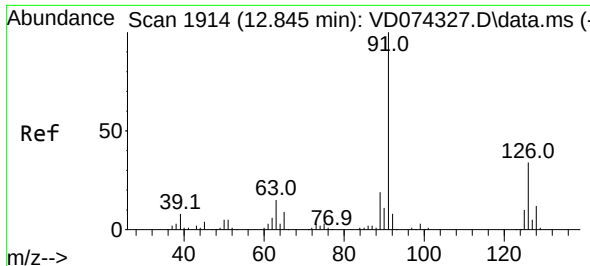
Tgt Ion:156 Resp: 57351
Ion Ratio Lower Upper
156 100
77 176.3 91.1 273.3
158 95.6 49.4 148.2



#78
n-propylbenzene
Concen: 47.019 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 91 Resp: 315626
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.7

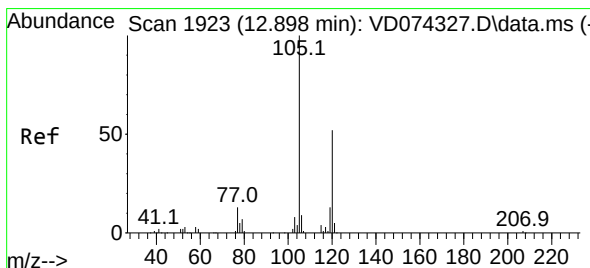
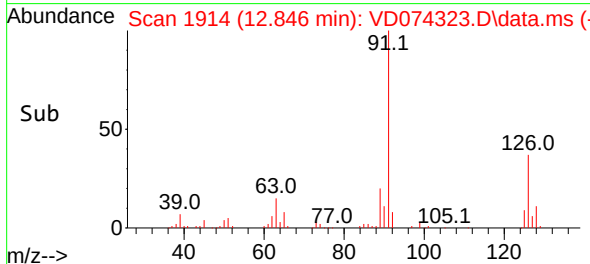
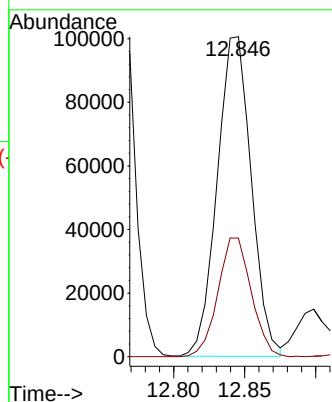
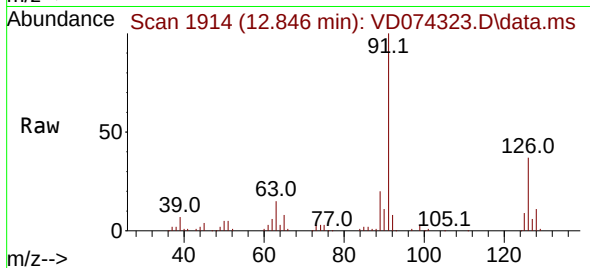




#79
2-Chlorotoluene
Concen: 47.535 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. 0.001 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

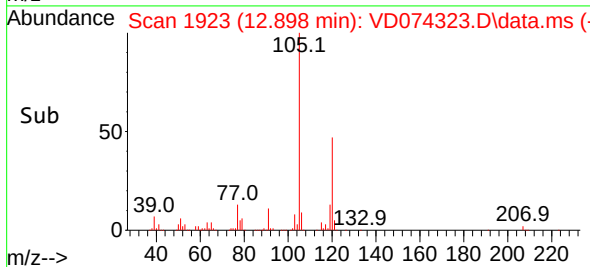
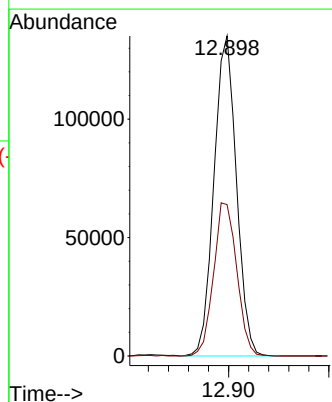
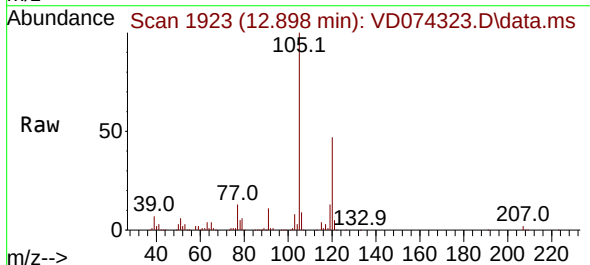
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

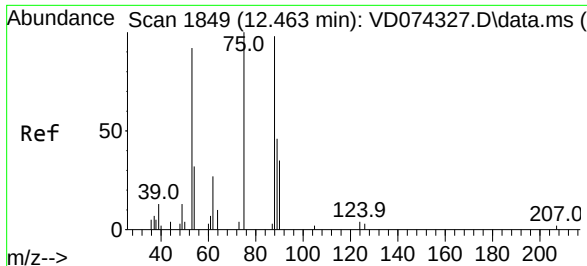
Tgt Ion: 91 Resp: 168282
Ion Ratio Lower Upper
91 100
126 36.2 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 47.315 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 105 Resp: 209364
Ion Ratio Lower Upper
105 100
120 49.5 24.6 74.0

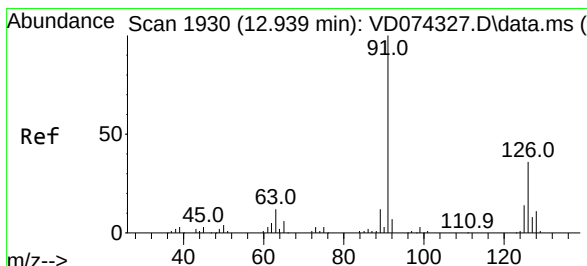
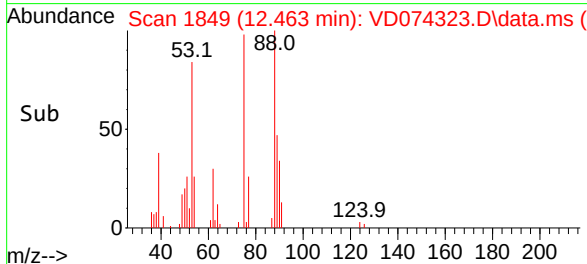
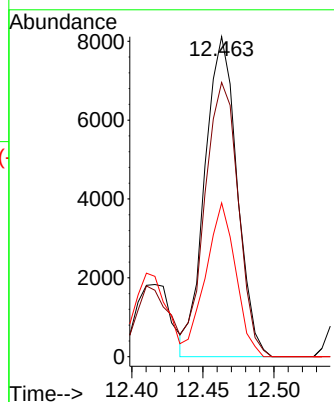
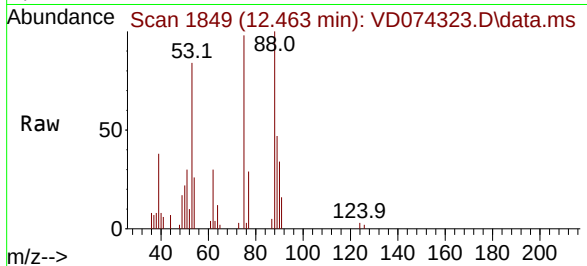




#81
trans-1,4-Dichloro-2-butene
Concen: 49.291 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

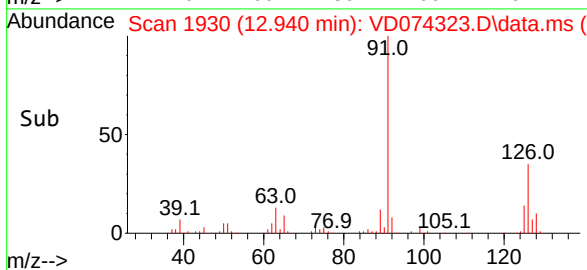
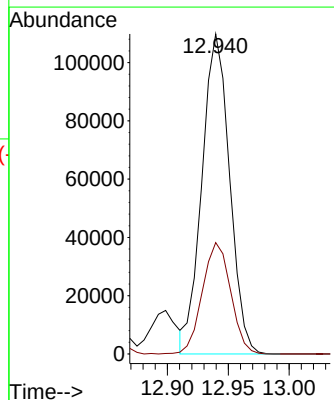
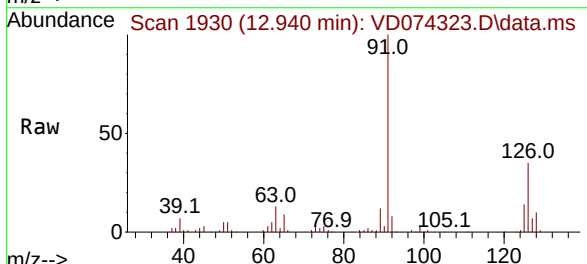
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

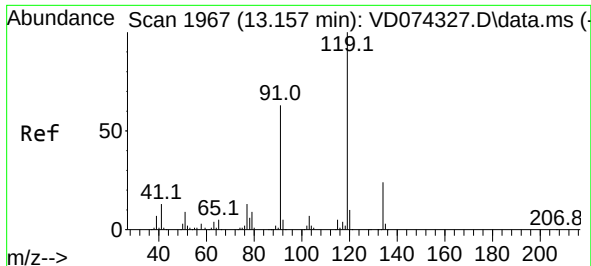
Tgt Ion: 75 Resp: 12803
Ion Ratio Lower Upper
75 100
53 89.1 0.0 0.0#
89 44.9 0.0 0.0#



#82
4-Chlorotoluene
Concen: 47.295 ug/l
RT: 12.940 min Scan# 1930
Delta R.T. 0.001 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 91 Resp: 173629
Ion Ratio Lower Upper
91 100
126 35.6 17.2 51.6

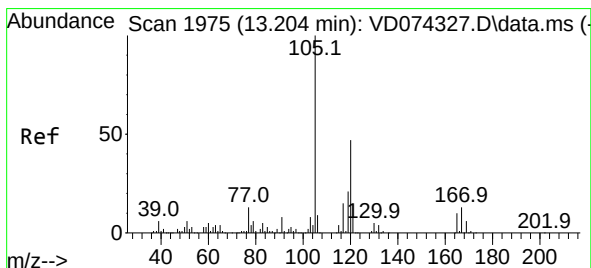
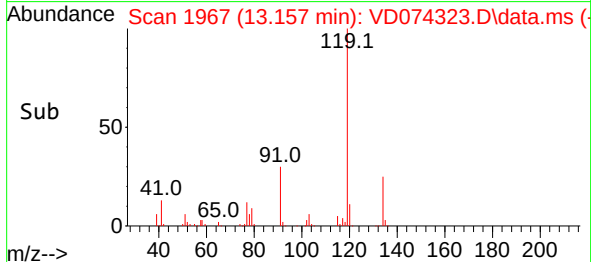
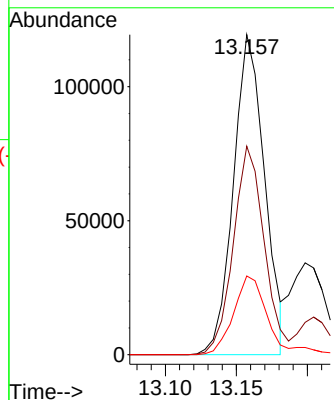
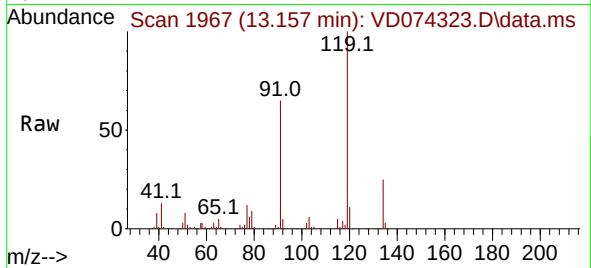




#83
 tert-Butylbenzene
 Concen: 46.428 ug/l
 RT: 13.157 min Scan# 1967
 Delta R.T. 0.000 min
 Lab File: VD074323.D
 Acq: 16 Sep 2022 10:53

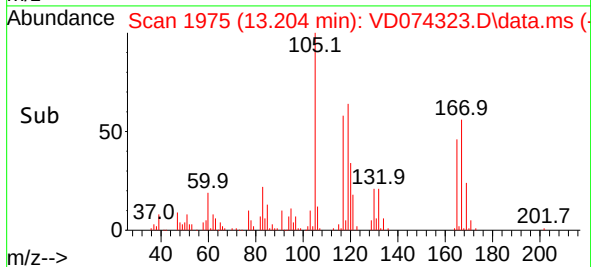
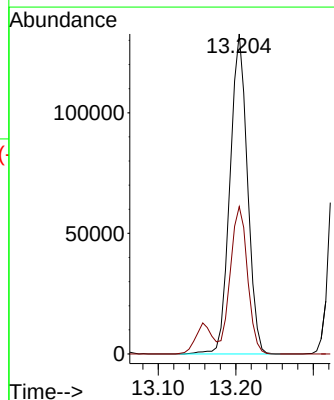
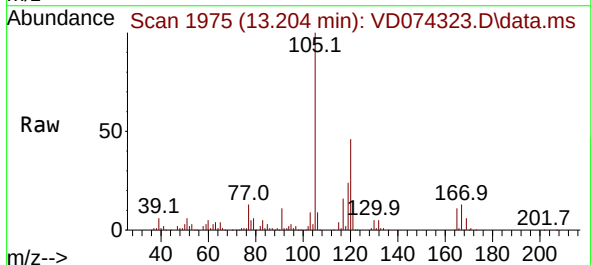
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

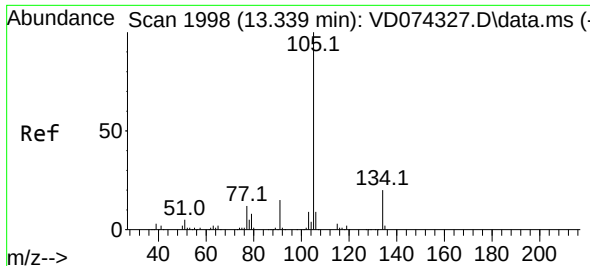
Tgt Ion:	119	Resp:	182177
Ion	Ratio	Lower	Upper
119	100		
91	64.7	31.3	93.9
134	27.1	13.4	40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 47.757 ug/l
 RT: 13.204 min Scan# 1975
 Delta R.T. 0.000 min
 Lab File: VD074323.D
 Acq: 16 Sep 2022 10:53

Tgt Ion:	105	Resp:	207903
Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.1	69.3

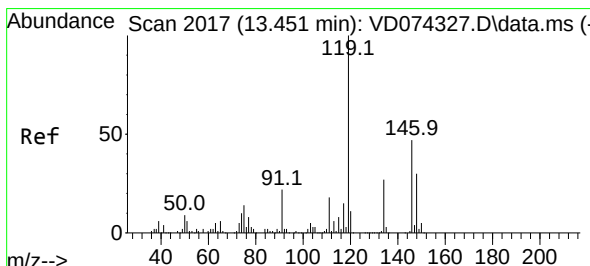
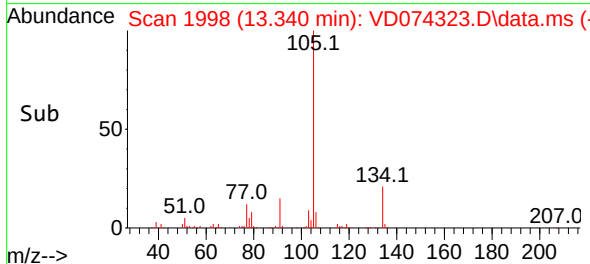
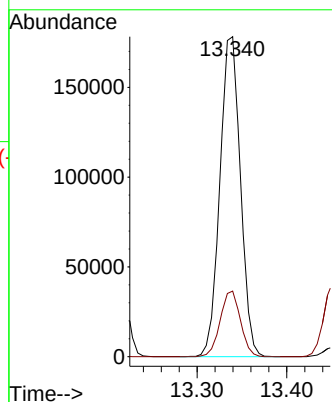
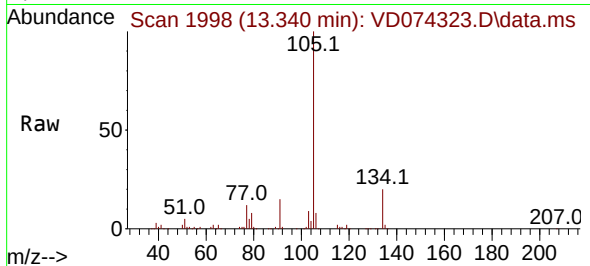




#85
 sec-Butylbenzene
 Concen: 48.669 ug/l
 RT: 13.340 min Scan# 1998
 Delta R.T. 0.001 min
 Lab File: VD074323.D
 Acq: 16 Sep 2022 10:53

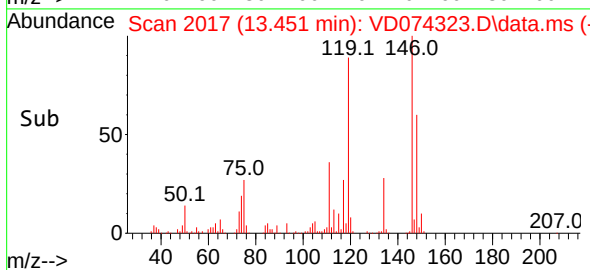
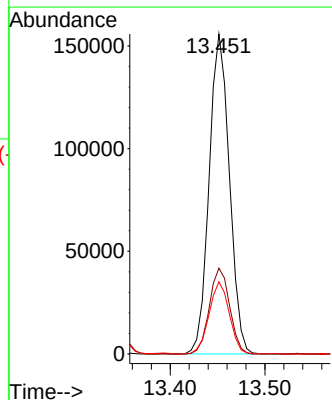
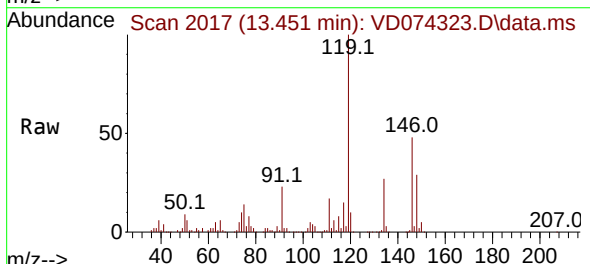
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

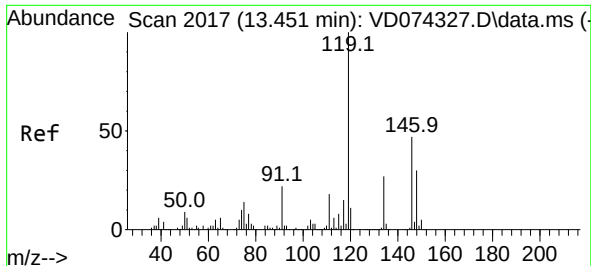
Tgt Ion:105 Resp: 283389
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 47.590 ug/l
 RT: 13.451 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VD074323.D
 Acq: 16 Sep 2022 10:53

Tgt Ion:119 Resp: 231587
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 22.5 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 47.656 ug/l

RT: 13.451 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

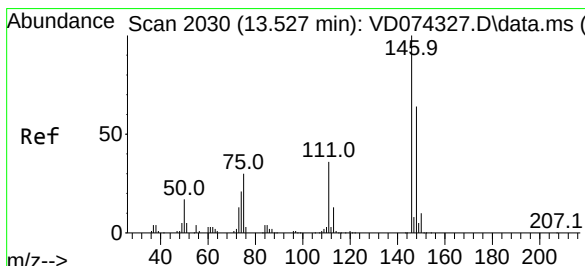
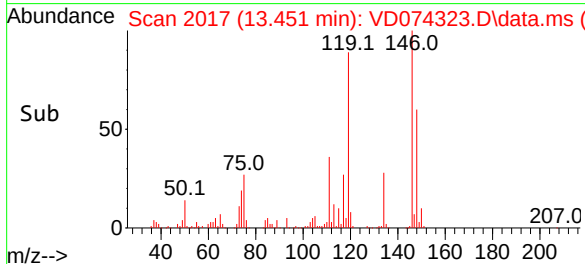
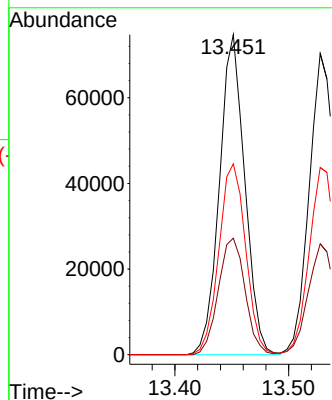
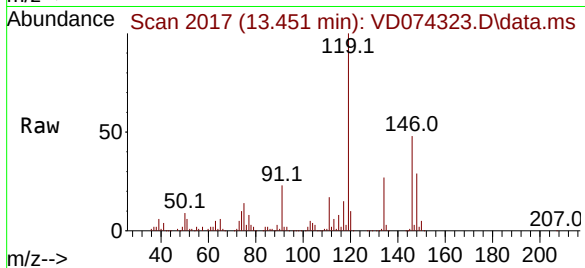
Tgt Ion:146 Resp: 115838

Ion Ratio Lower Upper

146 100

111 38.4 18.1 54.4

148 63.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 47.235 ug/l

RT: 13.528 min Scan# 2030

Delta R.T. 0.001 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

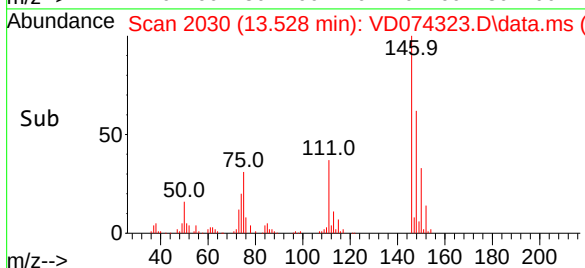
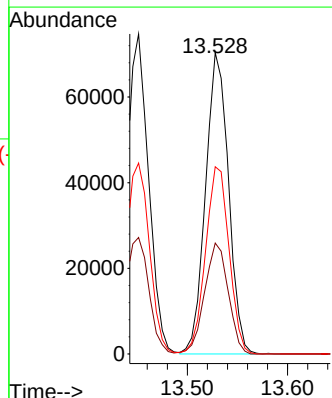
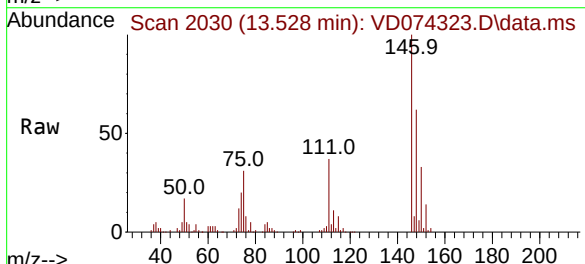
Tgt Ion:146 Resp: 112210

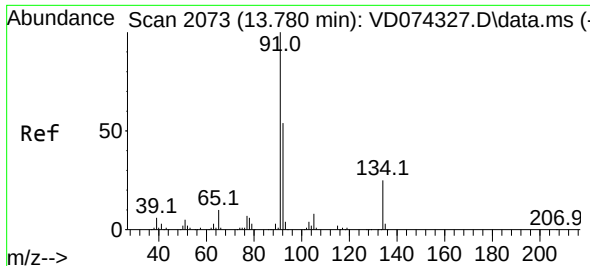
Ion Ratio Lower Upper

146 100

111 37.9 18.4 55.2

148 63.7 32.1 96.5

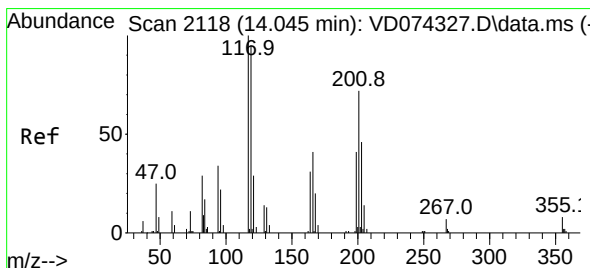
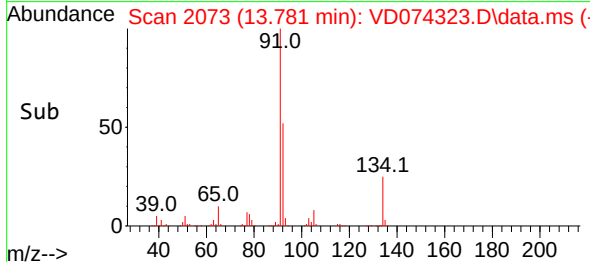
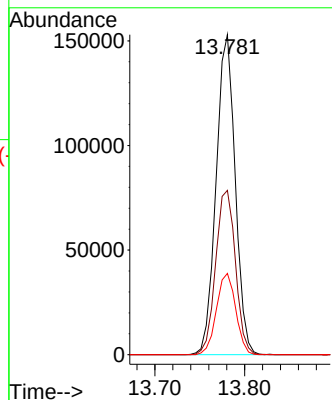
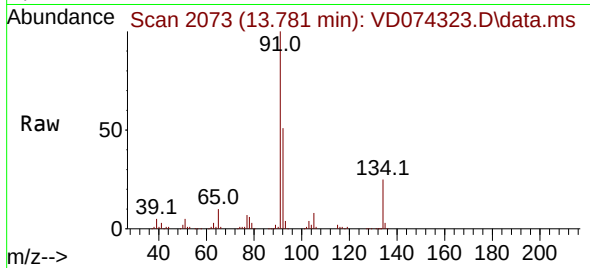




#89
n-Butylbenzene
Concen: 47.401 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. 0.001 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

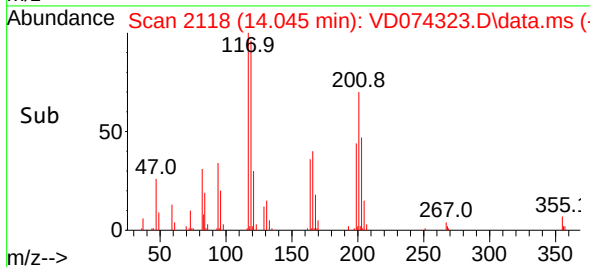
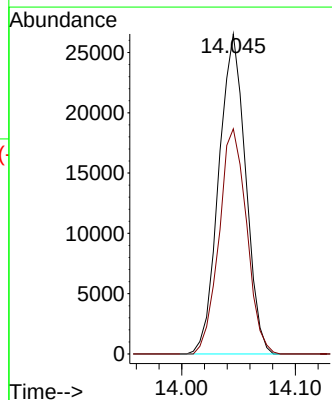
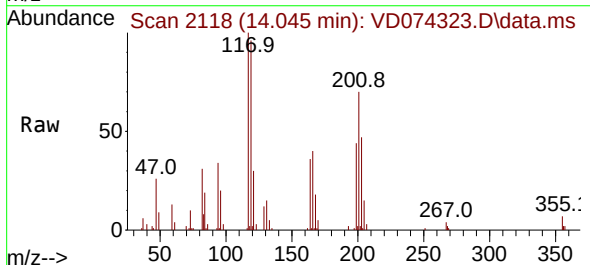
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

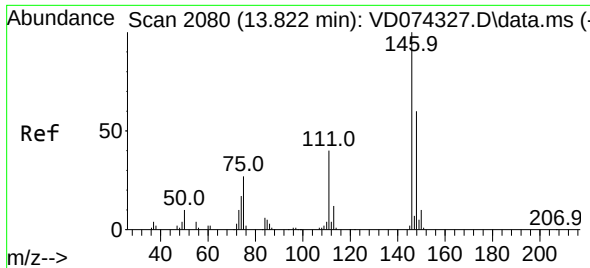
Tgt Ion: 91 Resp: 225924
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.7
134 25.7 13.1 39.1



#90
Hexachloroethane
Concen: 47.388 ug/l
RT: 14.045 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion: 117 Resp: 43523
Ion Ratio Lower Upper
117 100
201 72.2 38.0 113.9

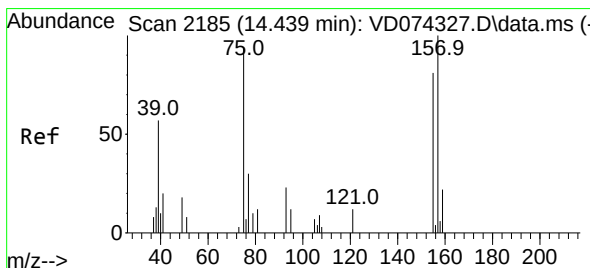
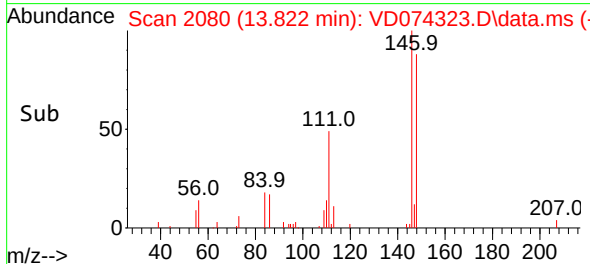
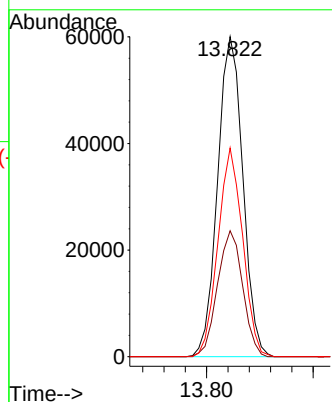
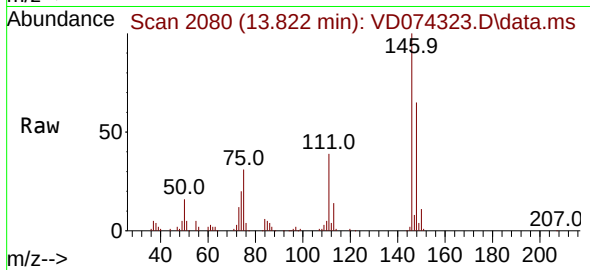




#91
1,2-Dichlorobenzene
Concen: 48.206 ug/l
RT: 13.822 min Scan# 2080
Delta R.T. -0.000 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

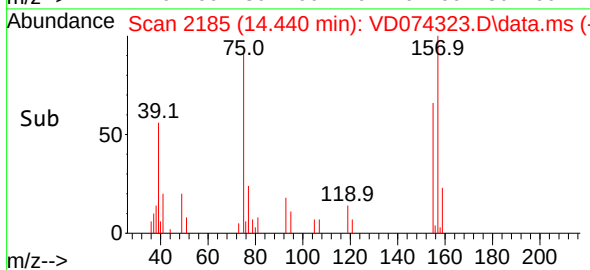
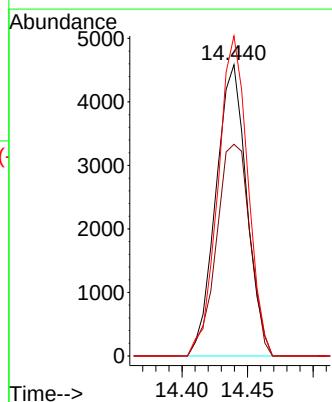
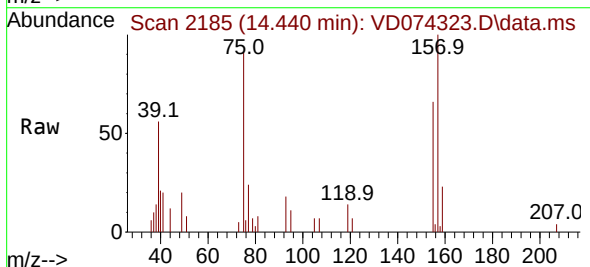
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

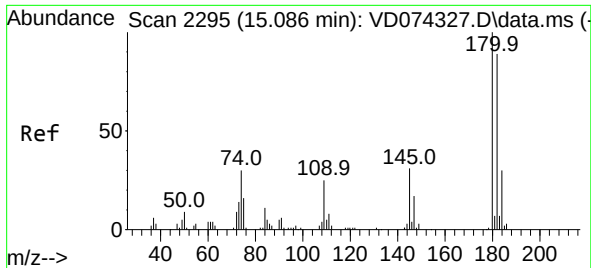
Tgt Ion:	146	Resp:	98797
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.4	58.4
148	63.6	31.5	94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.446 ug/l
RT: 14.440 min Scan# 2185
Delta R.T. 0.001 min
Lab File: VD074323.D
Acq: 16 Sep 2022 10:53

Tgt Ion:	75	Resp:	7470
Ion Ratio	Lower	Upper	
75	100		
155	79.4	49.2	147.6
157	106.1	62.1	186.2

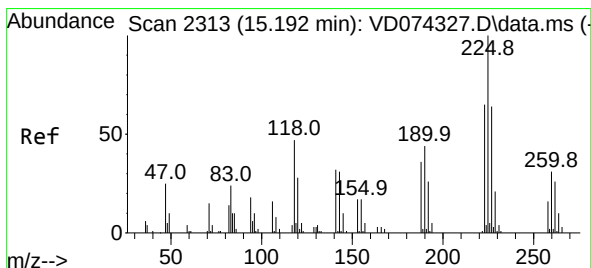
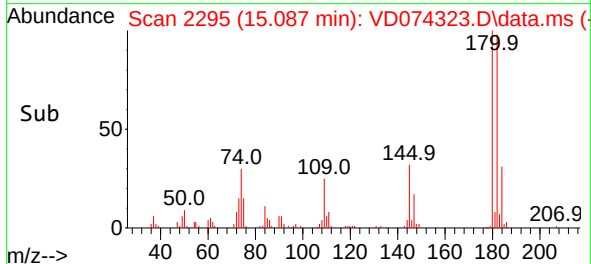
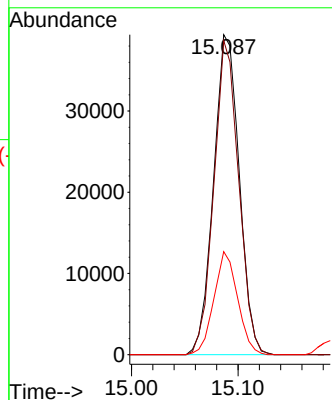
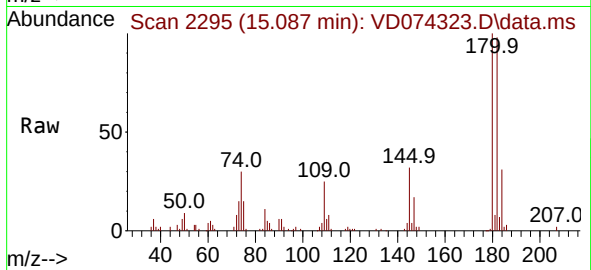




#93
 1,2,4-Trichlorobenzene
 Concen: 47.702 ug/l
 RT: 15.087 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VD074323.D
 Acq: 16 Sep 2022 10:53

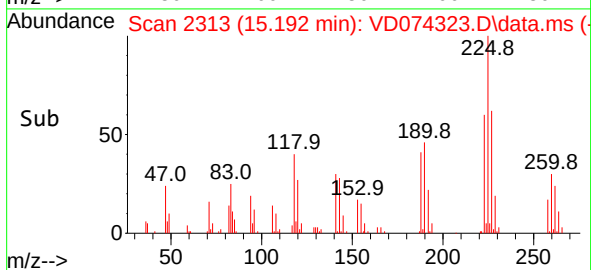
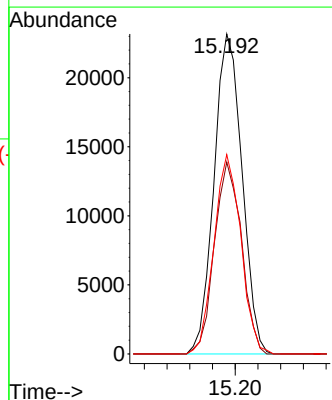
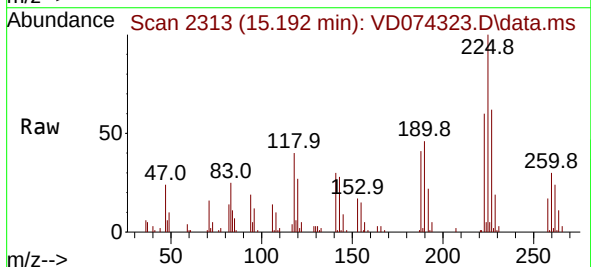
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

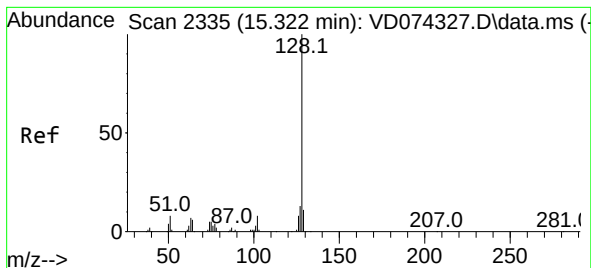
Tgt Ion:180 Resp: 65950
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.6 142.9
 145 29.8 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 50.464 ug/l
 RT: 15.192 min Scan# 2313
 Delta R.T. 0.000 min
 Lab File: VD074323.D
 Acq: 16 Sep 2022 10:53

Tgt Ion:225 Resp: 39637
 Ion Ratio Lower Upper
 225 100
 223 58.0 32.4 97.0
 227 59.8 32.7 98.1





#95

Naphthalene

Concen: 51.067 ug/l

RT: 15.322 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

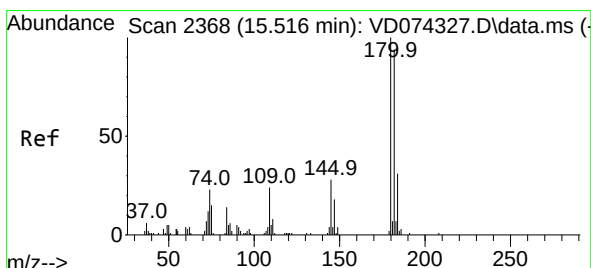
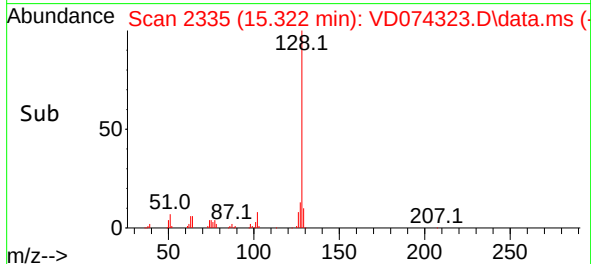
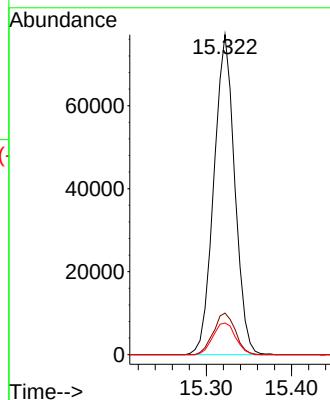
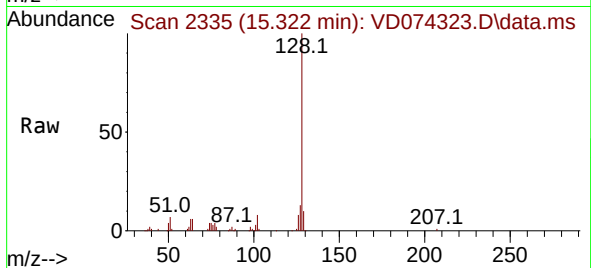
Tgt Ion:128 Resp: 130866

Ion Ratio Lower Upper

128 100

127 13.7 10.9 16.3

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.273 ug/l

RT: 15.510 min Scan# 2367

Delta R.T. -0.006 min

Lab File: VD074323.D

Acq: 16 Sep 2022 10:53

Tgt Ion:180 Resp: 58547

Ion Ratio Lower Upper

180 100

182 94.0 47.5 142.5

145 29.9 15.8 47.3

