

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074728.D
 Acq On : 04 Nov 2022 10:12
 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: Nov 07 00:20:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	158388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	258873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	227018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	61606	49.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.220%
35) Dibromofluoromethane	7.804	113	76120	49.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.420%
50) Toluene-d8	10.269	98	292569	52.377	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.760%
62) 4-Bromofluorobenzene	12.575	95	77347	47.958	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	58913	45.288	ug/l	96
3) Chloromethane	2.146	50	92899	44.752	ug/l	93
4) Vinyl Chloride	2.281	62	110815	48.678	ug/l	98
5) Bromomethane	2.693	94	84609	49.053	ug/l	97
6) Chloroethane	2.834	64	76833	48.694	ug/l	97
7) Trichlorofluoromethane	3.175	101	131815	49.840	ug/l	99
8) Diethyl Ether	3.587	74	37911	49.068	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	84063	50.037	ug/l	99
10) Methyl Iodide	4.163	142	98719	45.826	ug/l	99
11) Tert butyl alcohol	5.052	59	19600	103.512	ug/l #	93
12) 1,1-Dichloroethene	3.940	96	85977	50.387	ug/l	94
13) Acrolein	3.799	56	18849	218.317	ug/l	95
14) Allyl chloride	4.558	41	93732	51.918	ug/l	99
15) Acrylonitrile	5.252	53	72753	238.295	ug/l	98
16) Acetone	4.016	43	66590	254.370	ug/l	96
17) Carbon Disulfide	4.269	76	258638	50.266	ug/l	98
18) Methyl Acetate	4.558	43	32489	41.041	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	163713	50.449	ug/l	96
20) Methylene Chloride	4.799	84	97837	42.110	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	96634	51.527	ug/l	89
22) Diisopropyl ether	6.210	45	199695	53.592	ug/l	94
23) Vinyl Acetate	6.152	43	469505	296.351	ug/l	98
24) 1,1-Dichloroethane	6.110	63	142780	50.097	ug/l	97
25) 2-Butanone	7.075	43	85845	238.496	ug/l	97
26) 2,2-Dichloropropane	7.075	77	132319	50.456	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	103832	50.191	ug/l	100
28) Bromochloromethane	7.428	49	46667	51.886	ug/l	96
29) Tetrahydrofuran	7.440	42	49832	241.401	ug/l	95
30) Chloroform	7.599	83	153783	50.508	ug/l	99
31) Cyclohexane	7.875	56	124118	48.869	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	136928	50.907	ug/l	98
36) 1,1-Dichloropropene	8.010	75	121928	52.456	ug/l	99
37) Ethyl Acetate	7.169	43	35844	46.227	ug/l	96
38) Carbon Tetrachloride	7.993	117	116522	52.913	ug/l	95
39) Methylcyclohexane	9.275	83	147770	52.252	ug/l	98
40) Benzene	8.251	78	354109	51.542	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	17904	40.086	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	80754	51.128	ug/l	100
43) Isopropyl Acetate	8.357	43	69503	48.173	ug/l	98
44) Trichloroethene	9.028	130	101314	51.760	ug/l	98
45) 1,2-Dichloropropane	9.304	63	80909	53.248	ug/l	95
46) Dibromomethane	9.393	93	45308	51.455	ug/l	96
47) Bromodichloromethane	9.587	83	114645	54.080	ug/l	96
48) Methyl methacrylate	9.381	41	33173	51.596	ug/l	92
49) 1,4-Dioxane	9.387	88	9088	1023.422	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	176102	251.698	ug/l	98
52) Toluene	10.334	92	233428	55.493	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	105276	56.149	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	127822	54.329	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	63301	52.917	ug/l	97
56) Ethyl methacrylate	10.598	69	71158	53.204	ug/l	96
57) 1,3-Dichloropropane	10.881	76	103065	53.480	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	121566	335.767	ug/l	98
59) 2-Hexanone	10.922	43	124873	259.456	ug/l	99
60) Dibromochloromethane	11.075	129	78223	54.775	ug/l	98
61) 1,2-Dibromoethane	11.181	107	59575	52.847	ug/l	100
64) Tetrachloroethene	10.810	164	83112	51.825	ug/l	97
65) Chlorobenzene	11.610	112	216111	48.069	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	75208	49.306	ug/l	99
67) Ethyl Benzene	11.687	91	383264	48.106	ug/l	99
68) m/p-Xylenes	11.792	106	303535	95.965	ug/l	100
69) o-Xylene	12.122	106	139784	48.072	ug/l	98
70) Styrene	12.134	104	242053	49.134	ug/l	98
71) Bromoform	12.298	173	37064	45.373	ug/l #	95
73) Isopropylbenzene	12.422	105	369912	53.155	ug/l	100
74) N-amyl acetate	12.234	43	57162	50.570	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	59220	50.643	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	71595	96.960	ug/l #	1
77) Bromobenzene	12.698	156	83604	52.175	ug/l	97
78) n-propylbenzene	12.763	91	442444	53.071	ug/l	99
79) 2-Chlorotoluene	12.851	91	238124	53.045	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	302189	53.224	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	17028	54.740	ug/l	98
82) 4-Chlorotoluene	12.945	91	246182	52.726	ug/l	99
83) tert-Butylbenzene	13.169	119	263753	52.714	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	302941	54.074	ug/l	99
85) sec-Butylbenzene	13.345	105	393915	52.183	ug/l	99
86) p-Isopropyltoluene	13.457	119	330964	52.059	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	168868	50.826	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	165173	50.570	ug/l	99
89) n-Butylbenzene	13.786	91	304234	52.324	ug/l	99
90) Hexachloroethane	14.051	117	58473	53.646	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	143060	50.552	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7456	46.126	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	89669	51.318	ug/l	98
94) Hexachlorobutadiene	15.204	225	44200	48.355	ug/l	99
95) Naphthalene	15.333	128	167660	49.956	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	79084	51.436	ug/l	99

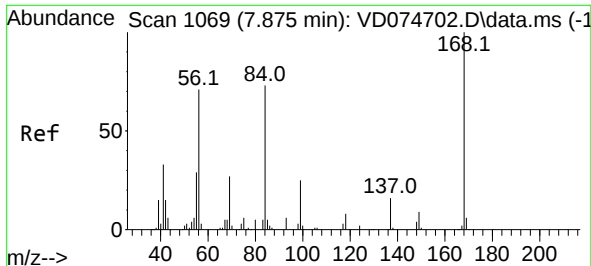
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Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration

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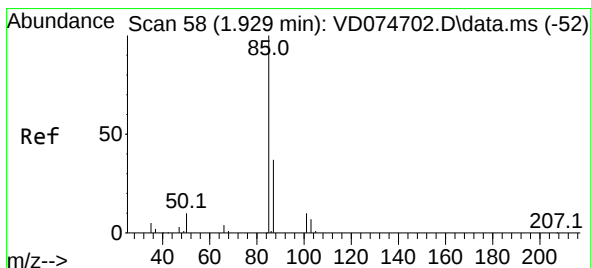
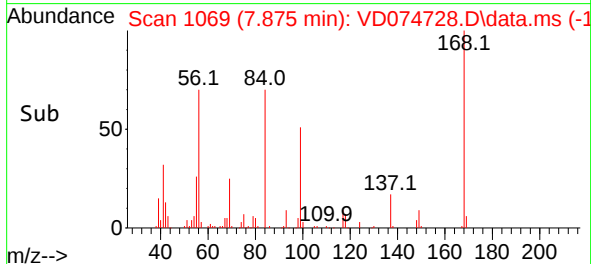
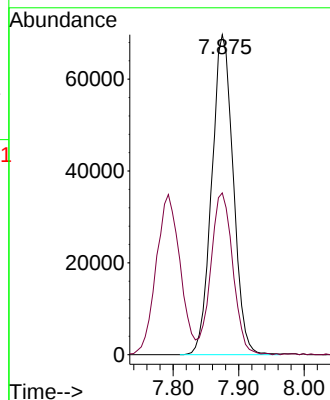
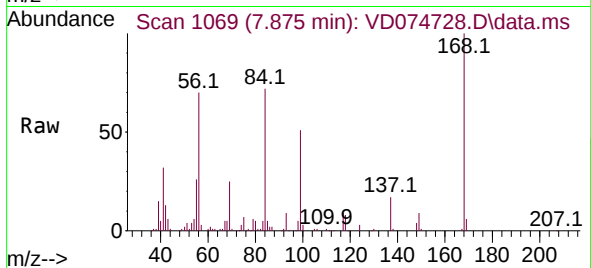
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

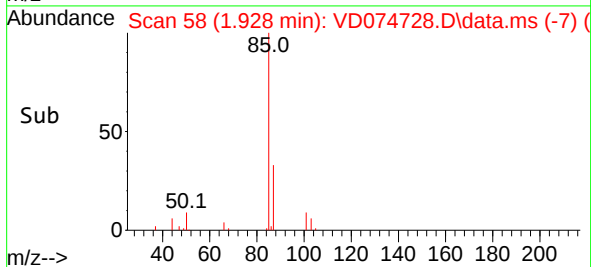
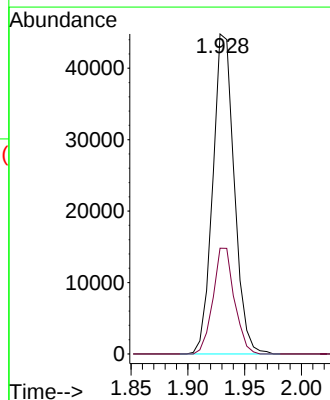
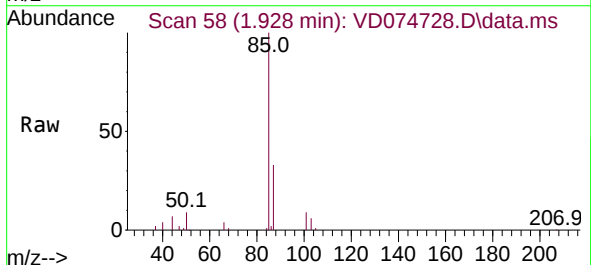
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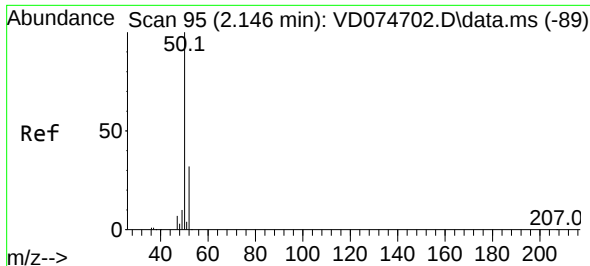
Tgt Ion:168 Resp: 158388
Ion Ratio Lower Upper
168 100
99 50.6 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 45.288 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.001 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 85 Resp: 58913
Ion Ratio Lower Upper
85 100
87 33.1 17.5 52.6

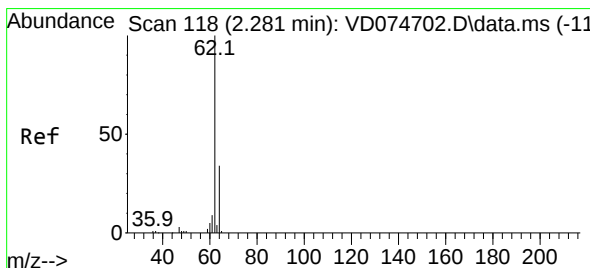
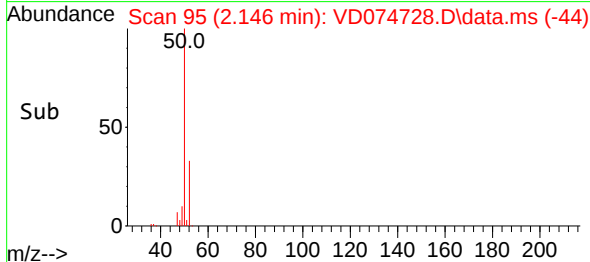
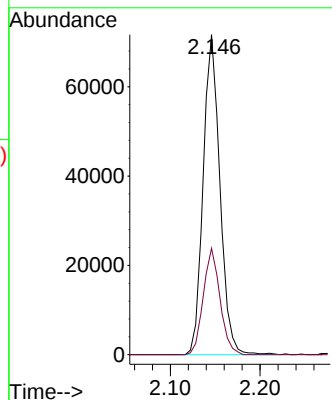
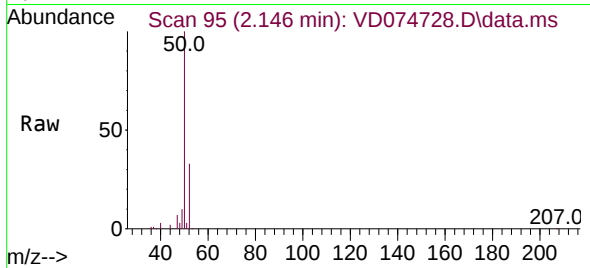




#3
Chloromethane
Concen: 44.752 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

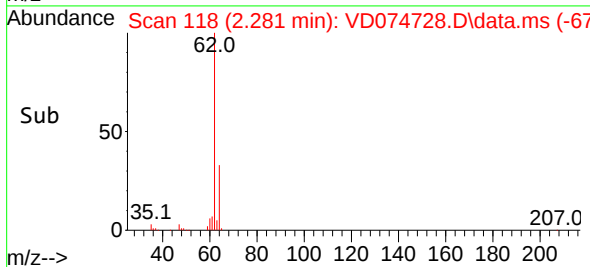
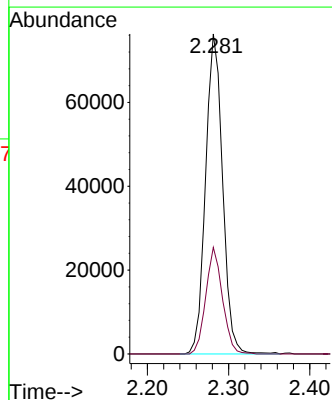
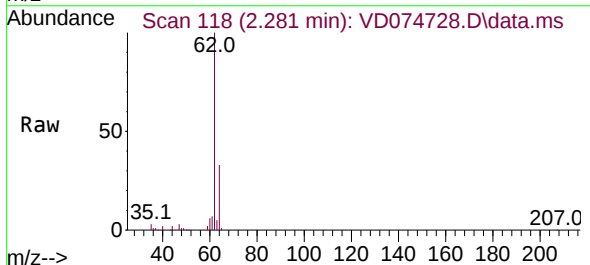
Instrument :
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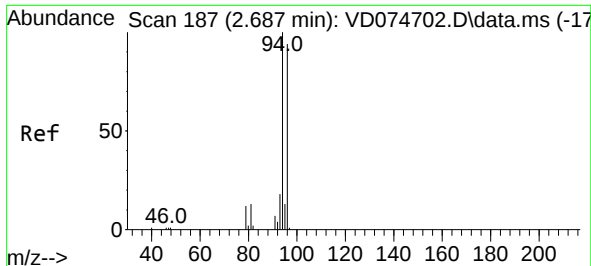
Tgt Ion: 50 Resp: 92899
Ion Ratio Lower Upper
50 100
52 33.3 30.0 45.0



#4
Vinyl Chloride
Concen: 48.678 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 62 Resp: 110815
Ion Ratio Lower Upper
62 100
64 33.3 25.5 38.3

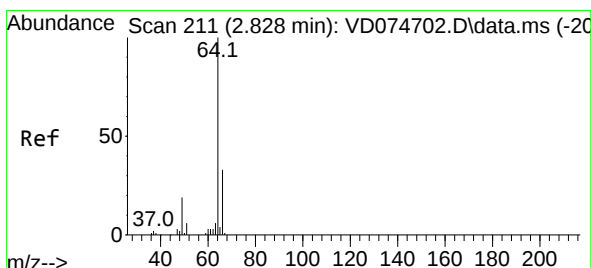
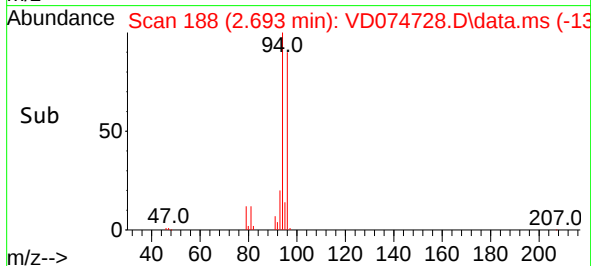
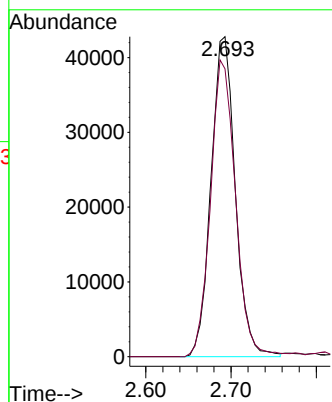
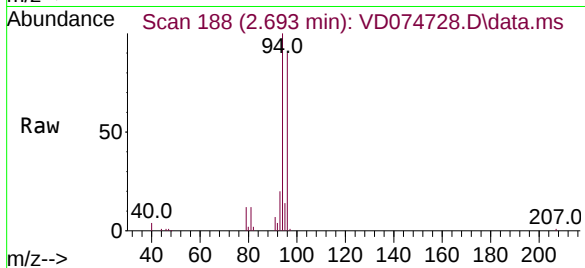




#5
Bromomethane
Concen: 49.053 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

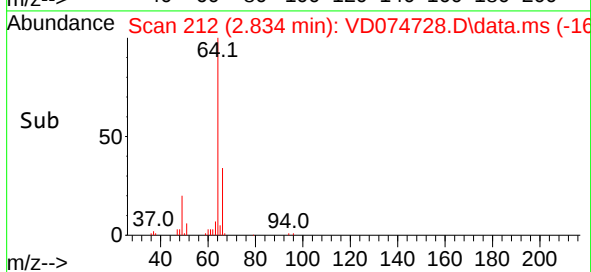
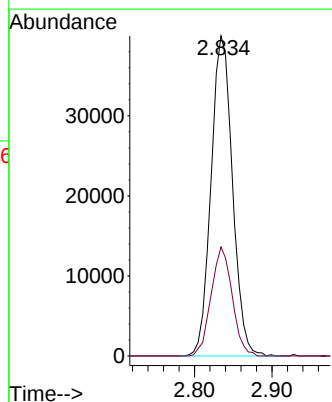
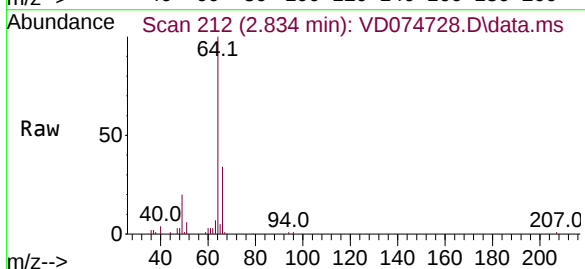
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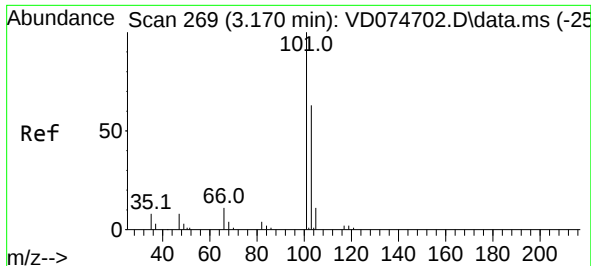
Tgt Ion: 94 Resp: 84609
Ion Ratio Lower Upper
94 100
96 90.0 74.6 112.0



#6
Chloroethane
Concen: 48.694 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 64 Resp: 76833
Ion Ratio Lower Upper
64 100
66 34.1 25.8 38.8

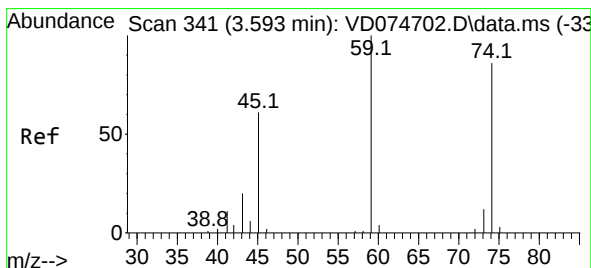
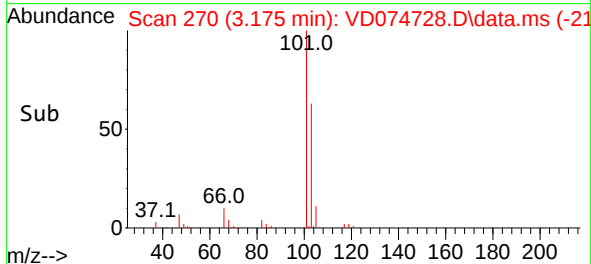
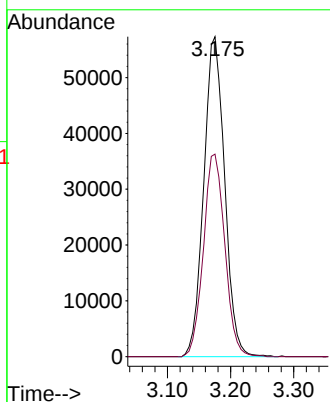
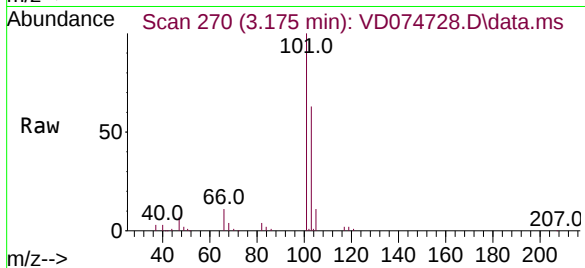




#7
 Trichlorofluoromethane
 Concen: 49.840 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: VD074728.D
 Acq: 04 Nov 2022 10:12

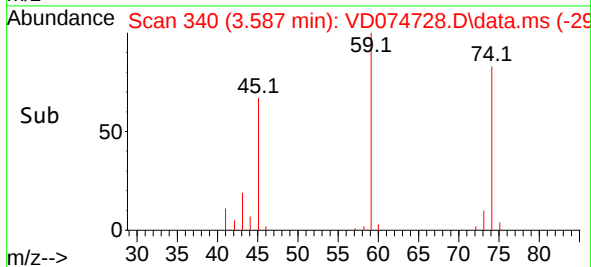
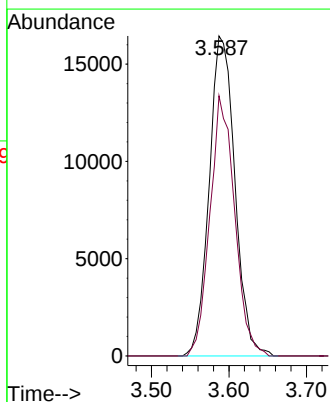
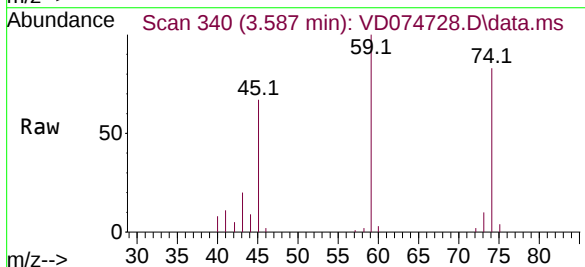
Instrument :
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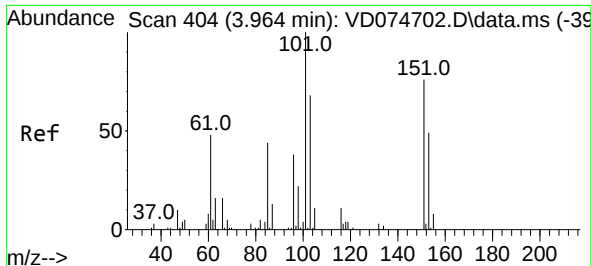
Tgt Ion:101 Resp: 131815
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.8 74.8



#8
 Diethyl Ether
 Concen: 49.068 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD074728.D
 Acq: 04 Nov 2022 10:12

Tgt Ion: 74 Resp: 37911
 Ion Ratio Lower Upper
 74 100
 45 78.1 37.9 113.6

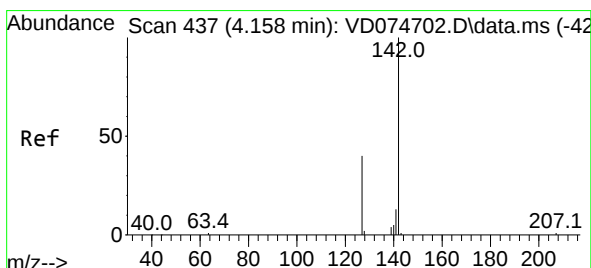
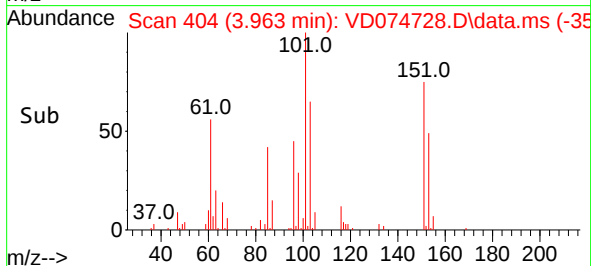
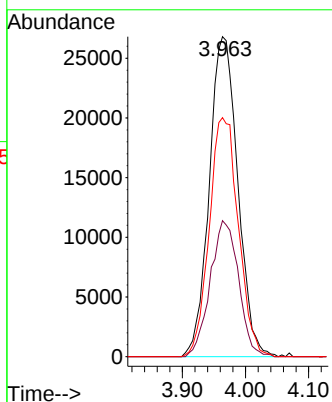
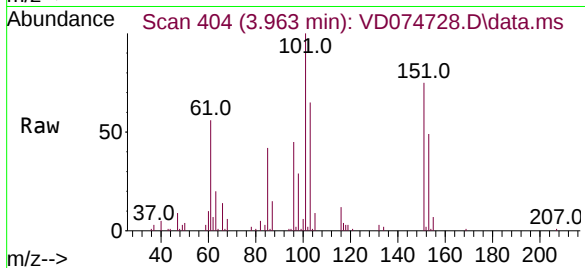




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.037 ug/l
RT: 3.963 min Scan# 404
Delta R.T. -0.001 min
Lab File: VD074728.D
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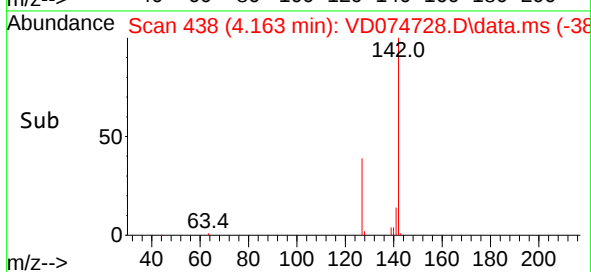
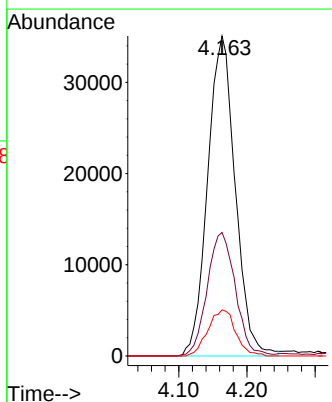
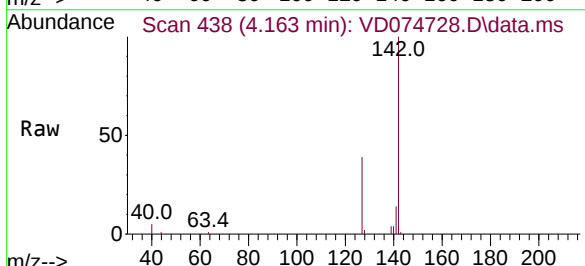
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

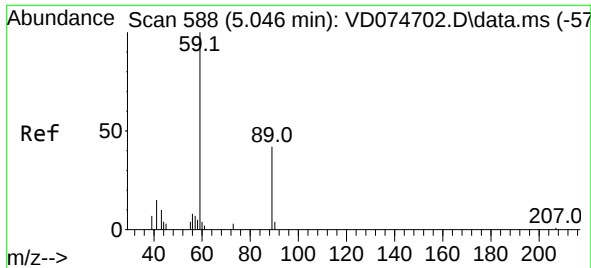
Tgt Ion:101 Resp: 84063
Ion Ratio Lower Upper
101 100
85 42.2 34.1 51.1
151 76.2 61.7 92.5



#10
Methyl Iodide
Concen: 45.826 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.005 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion:142 Resp: 98719
Ion Ratio Lower Upper
142 100
127 39.5 31.9 47.9
141 14.5 11.4 17.2

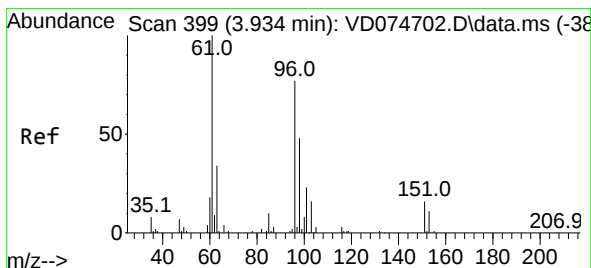
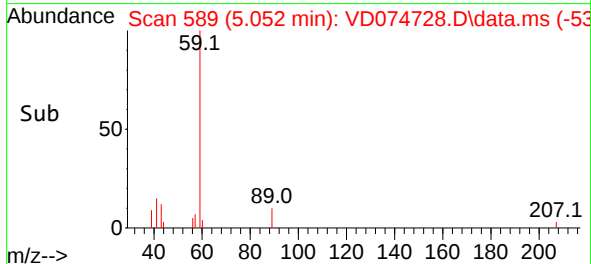
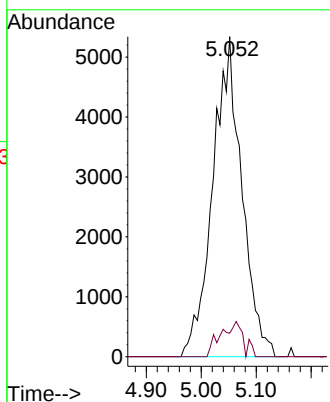
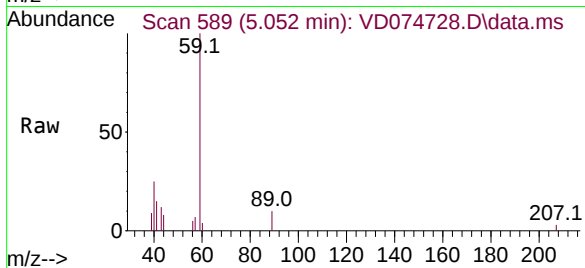




#11
Tert butyl alcohol
Concen: 103.512 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

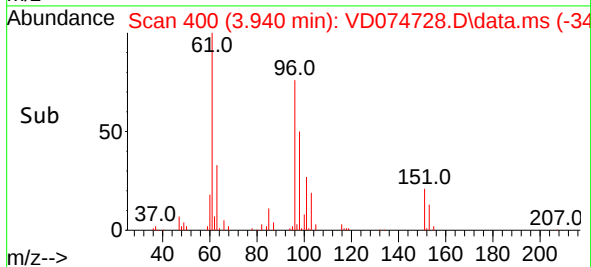
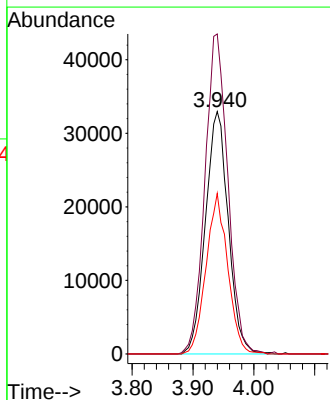
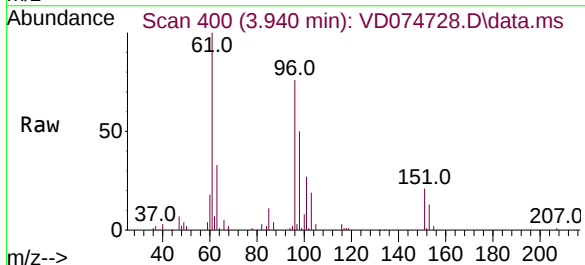
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

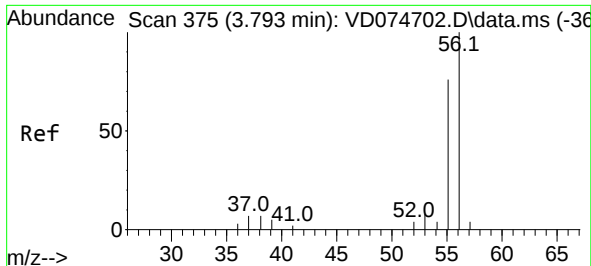
Tgt Ion: 59 Resp: 19600
Ion Ratio Lower Upper
59 100
57 7.8 4.4 6.6#



#12
1,1-Dichloroethene
Concen: 50.387 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.006 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 96 Resp: 85977
Ion Ratio Lower Upper
96 100
61 132.0 113.9 170.9
98 66.3 51.8 77.8

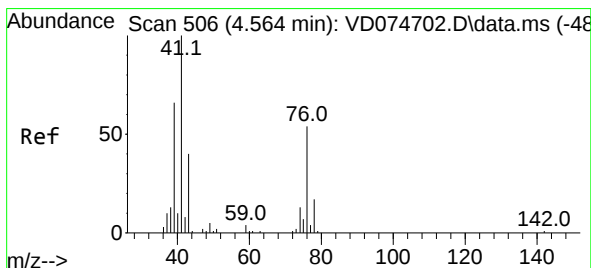
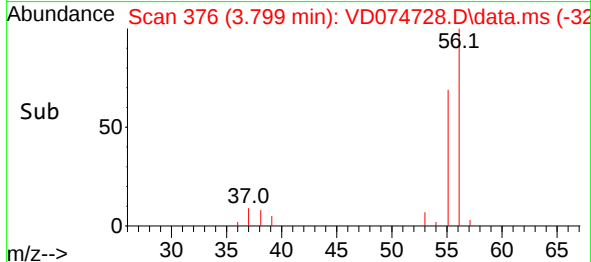
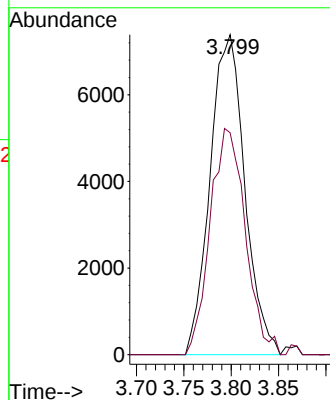
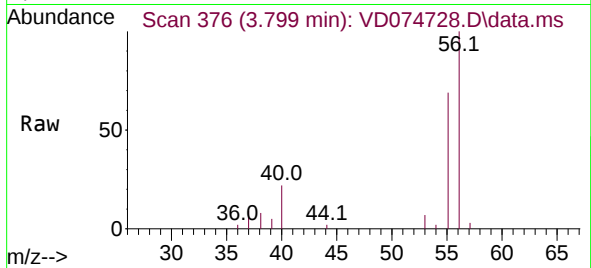




#13
Acrolein
Concen: 218.317 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

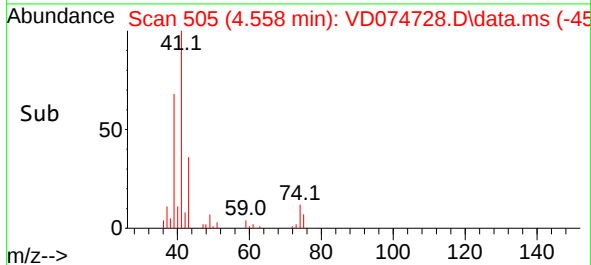
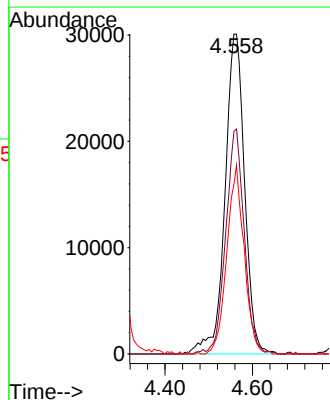
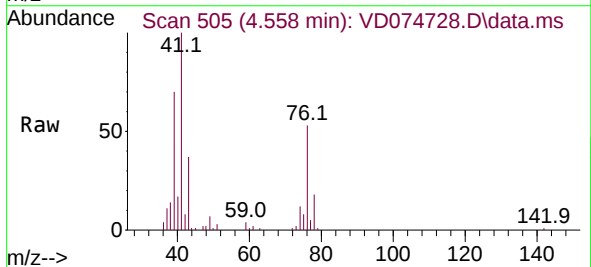
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

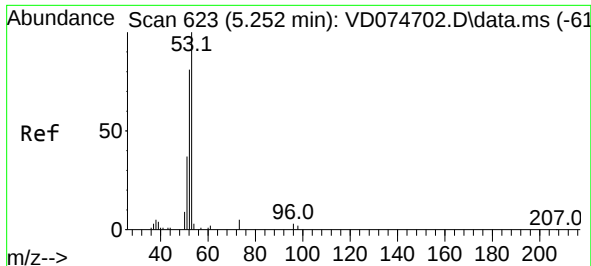
Tgt Ion: 56 Resp: 18849
Ion Ratio Lower Upper
56 100
55 71.5 54.0 81.0



#14
Allyl chloride
Concen: 51.918 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 41 Resp: 93732
Ion Ratio Lower Upper
41 100
39 66.5 53.4 80.2
76 52.1 42.4 63.6

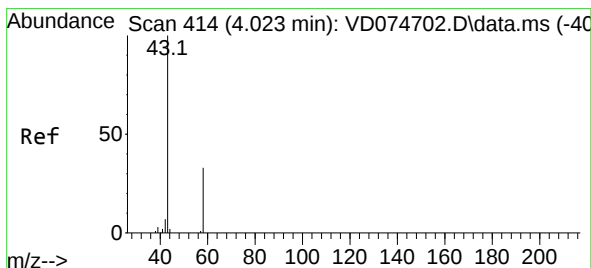
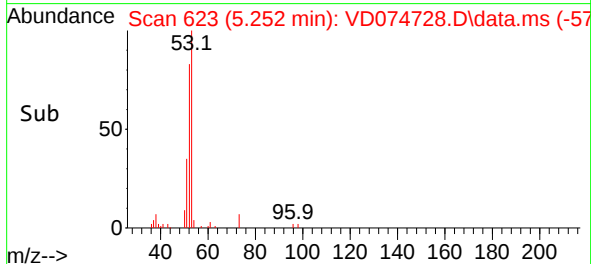
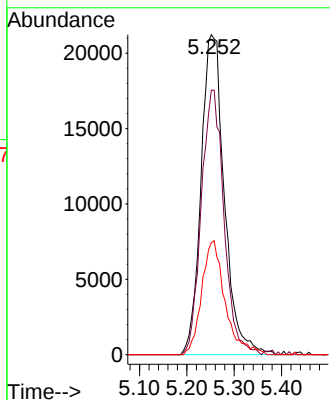
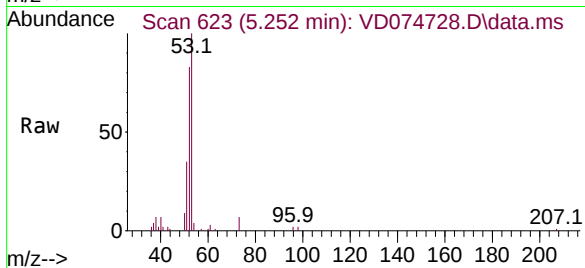




#15
Acrylonitrile
Concen: 238.295 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

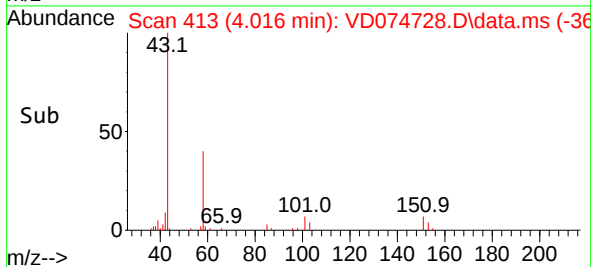
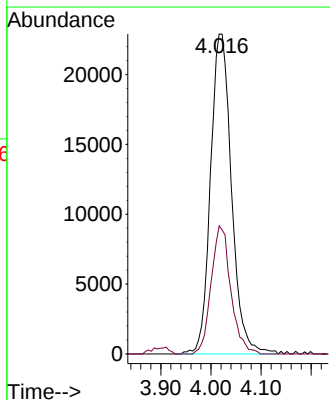
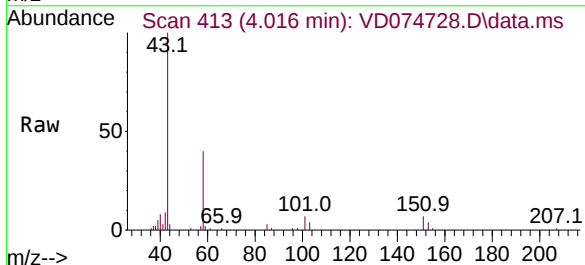
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

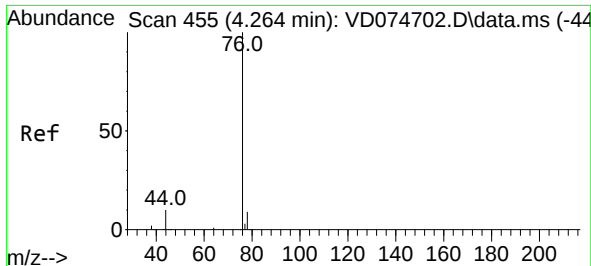
Tgt Ion: 53 Resp: 72753
Ion Ratio Lower Upper
53 100
52 80.0 66.0 99.0
51 35.8 28.3 42.5



#16
Acetone
Concen: 254.370 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.007 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 43 Resp: 66590
Ion Ratio Lower Upper
43 100
58 40.0 30.2 45.2

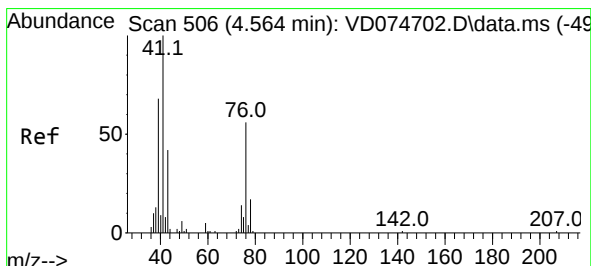
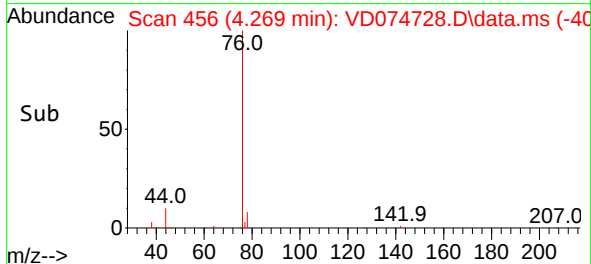
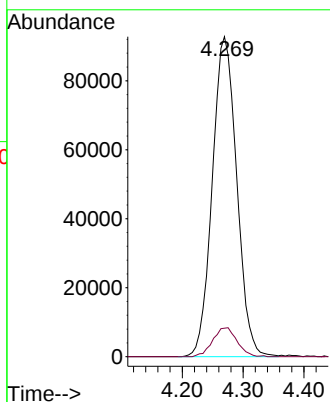
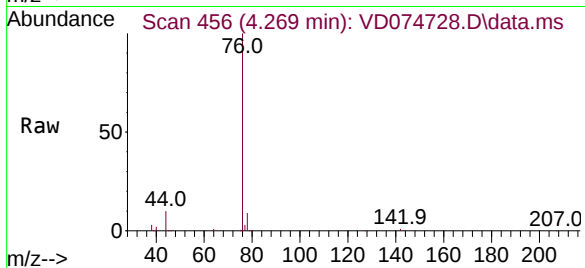




#17
Carbon Disulfide
Concen: 50.266 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

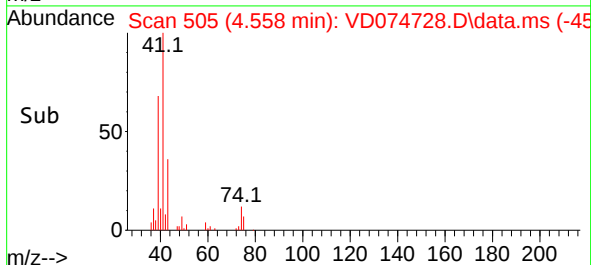
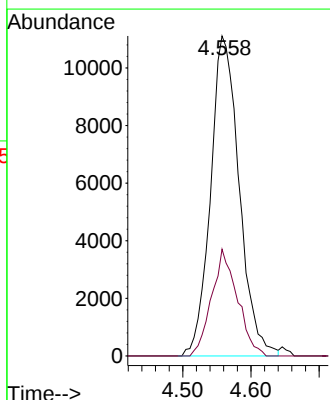
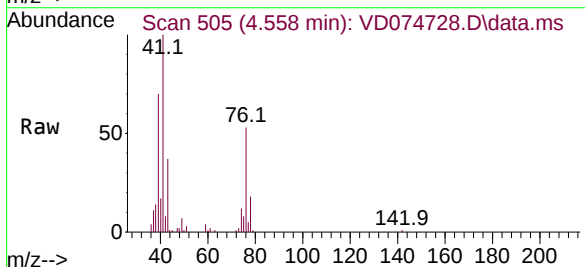
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

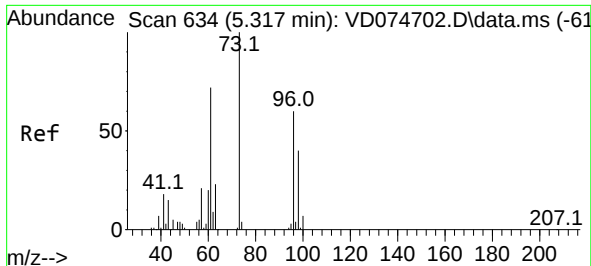
Tgt Ion: 76 Resp: 258638
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8



#18
Methyl Acetate
Concen: 41.041 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 43 Resp: 32489
Ion Ratio Lower Upper
43 100
74 30.1 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 50.449 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.001 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

Instrument :

MSVOA_D

ClientSampleId :

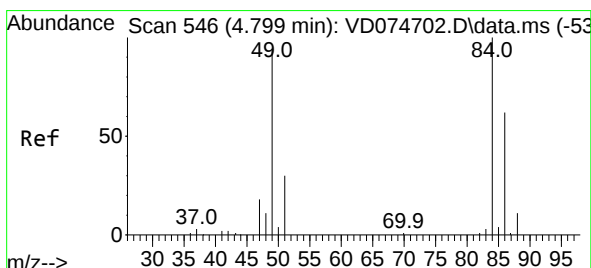
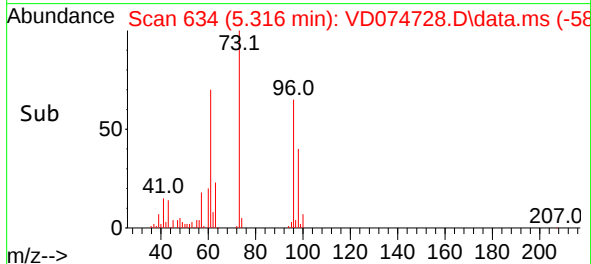
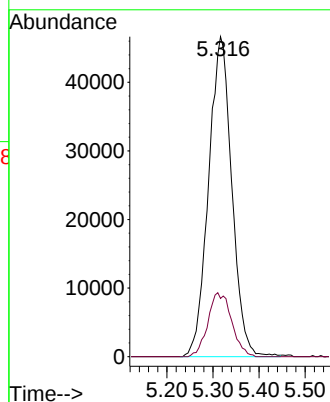
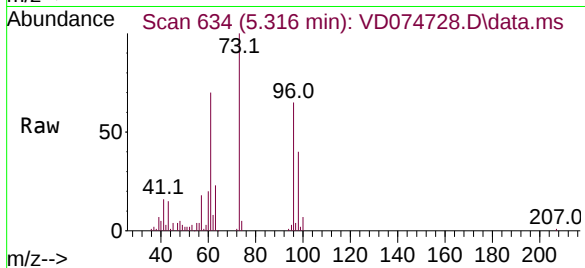
VSTDCCC050

Tgt Ion: 73 Resp: 163713

Ion Ratio Lower Upper

73 100

57 18.2 16.1 24.1



#20

Methylene Chloride

Concen: 42.110 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

Tgt Ion: 84 Resp: 97837

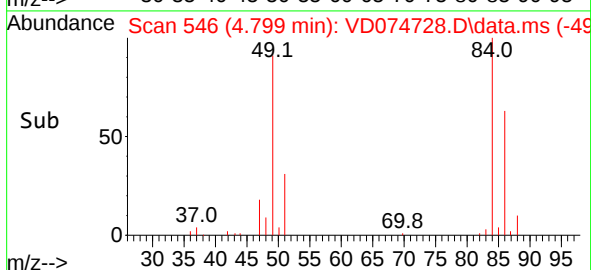
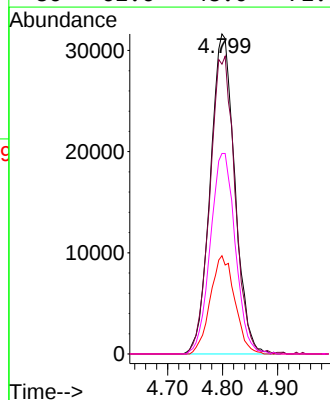
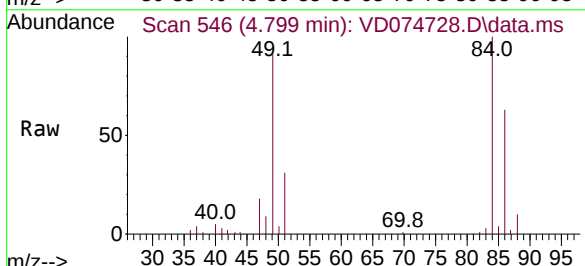
Ion Ratio Lower Upper

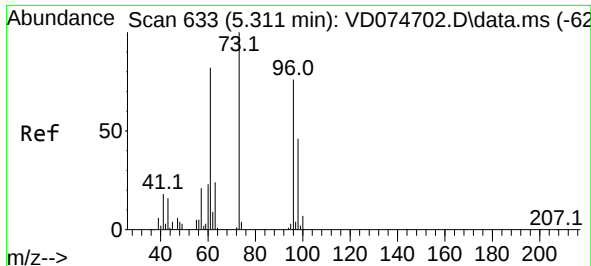
84 100

49 90.6 68.0 102.0

51 30.7 23.2 34.8

86 62.6 48.0 72.0

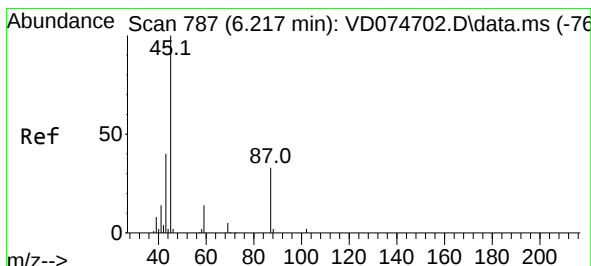
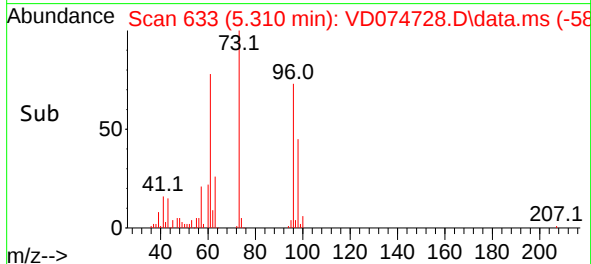
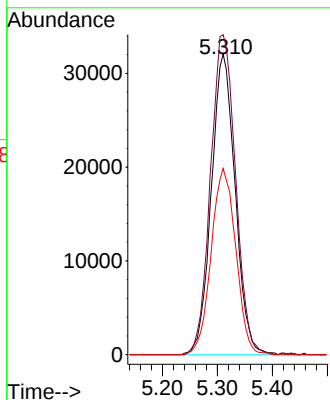
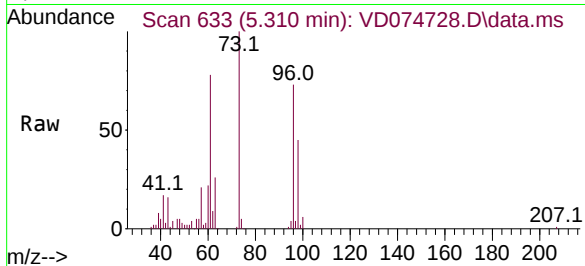




#21
trans-1,2-Dichloroethene
Concen: 51.527 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

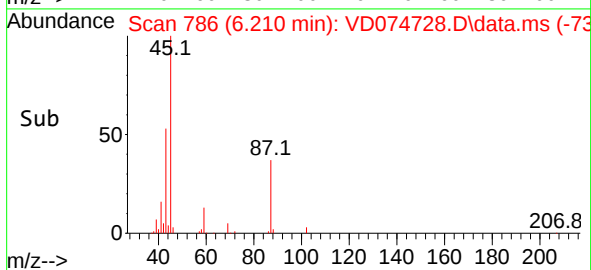
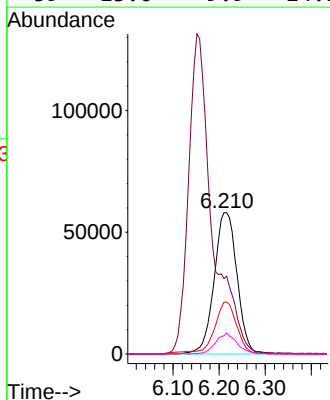
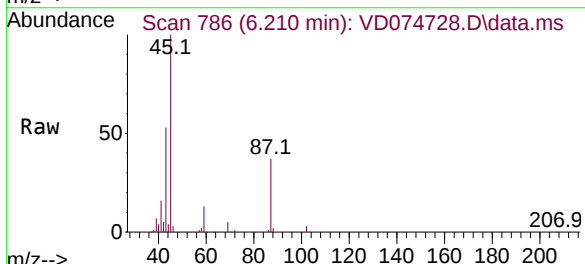
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

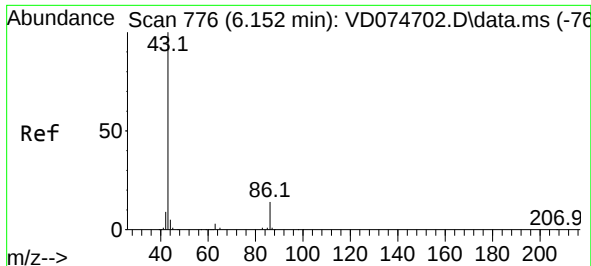
Tgt Ion: 96 Resp: 96634
Ion Ratio Lower Upper
96 100
61 106.4 95.7 143.5
98 61.9 54.8 82.2



#22
Diisopropyl ether
Concen: 53.592 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.007 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 45 Resp: 199695
Ion Ratio Lower Upper
45 100
43 52.4 37.8 56.6
87 36.3 26.6 40.0
59 13.0 9.9 14.9

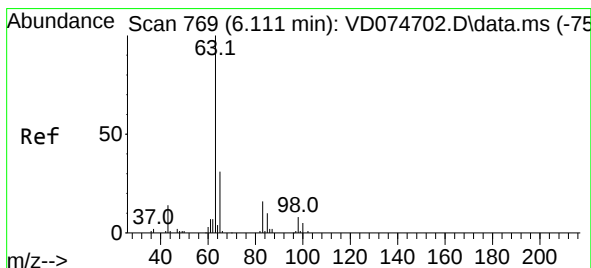
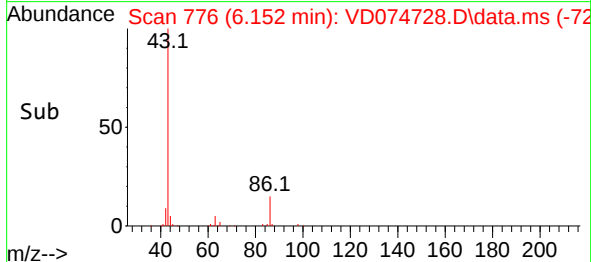
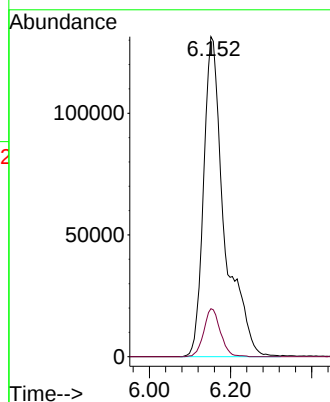
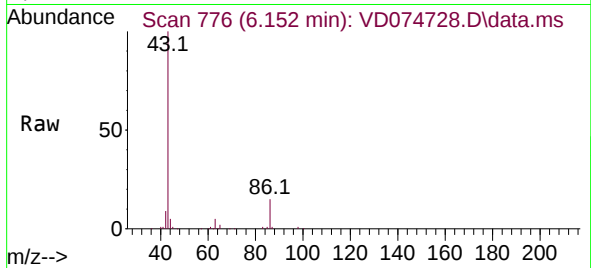




#23
 Vinyl Acetate
 Concen: 296.351 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD074728.D
 Acq: 04 Nov 2022 10:12

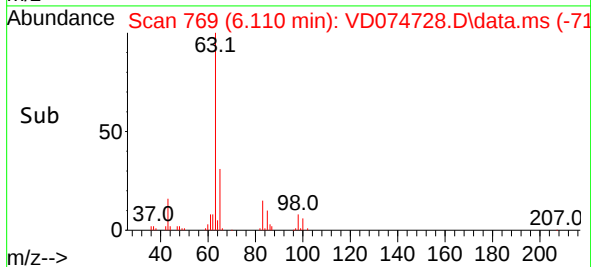
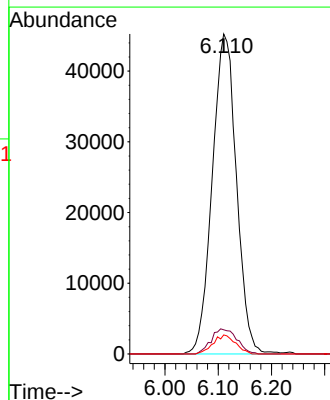
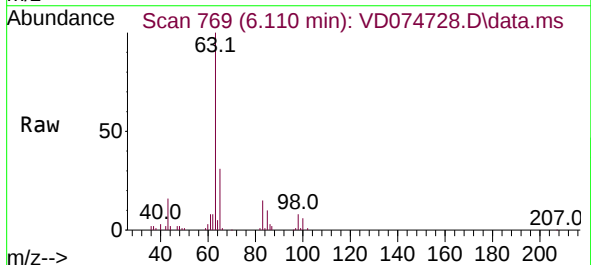
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

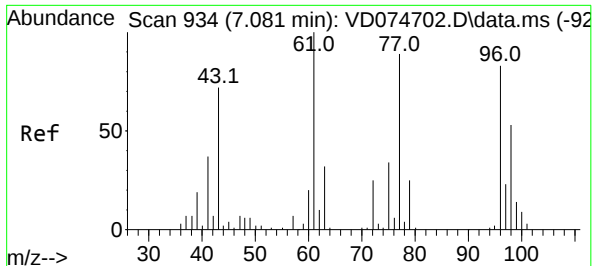
Tgt Ion: 43 Resp: 469505
 Ion Ratio Lower Upper
 43 100
 86 15.0 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 50.097 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.001 min
 Lab File: VD074728.D
 Acq: 04 Nov 2022 10:12

Tgt Ion: 63 Resp: 142780
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.6 13.8
 100 6.0 2.9 8.6





#25

2-Butanone

Concen: 238.496 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

Instrument :

MSVOA_D

ClientSampleId :

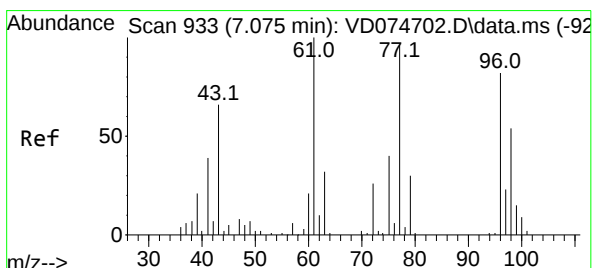
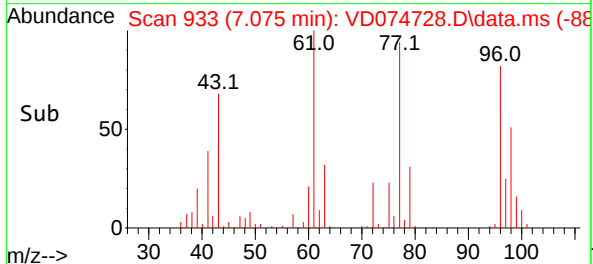
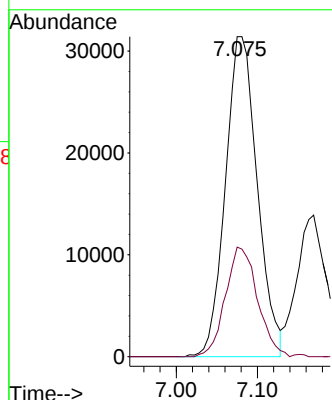
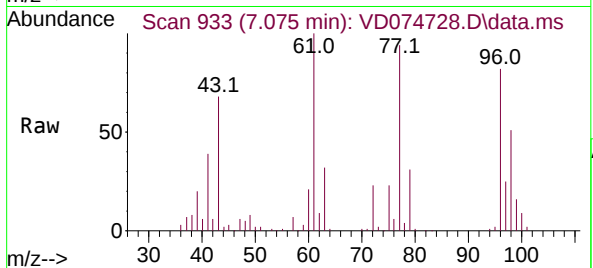
VSTDCCC050

Tgt Ion: 43 Resp: 85845

Ion Ratio Lower Upper

43 100

72 34.2 25.8 38.8



#26

2,2-Dichloropropane

Concen: 50.456 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD074728.D

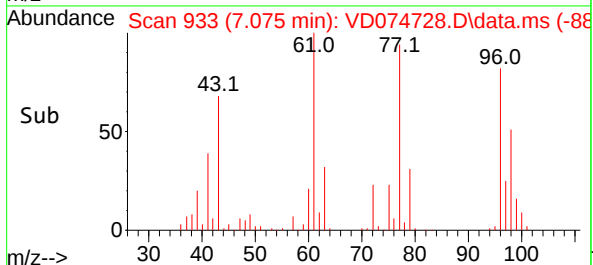
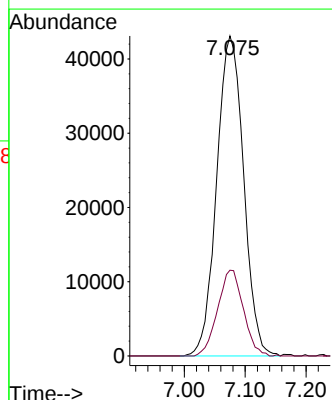
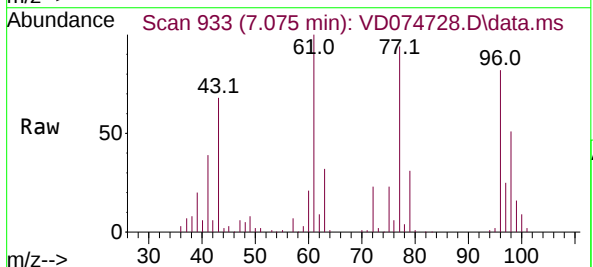
Acq: 04 Nov 2022 10:12

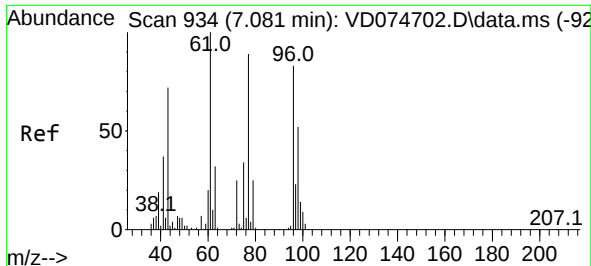
Tgt Ion: 77 Resp: 132319

Ion Ratio Lower Upper

77 100

97 25.5 12.5 37.5

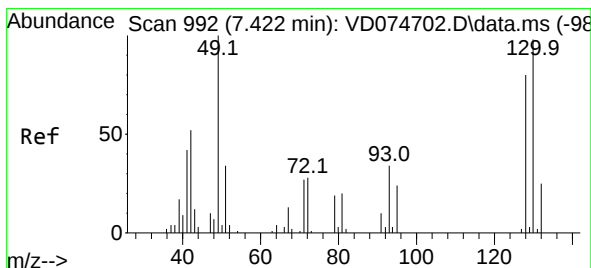
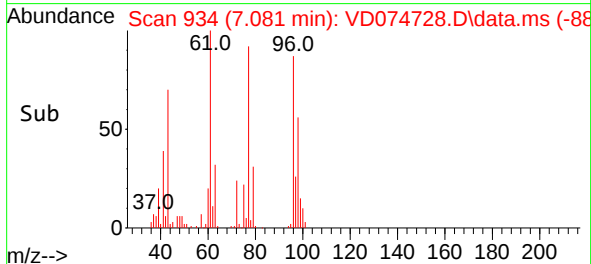
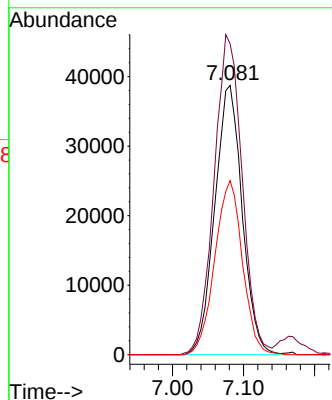
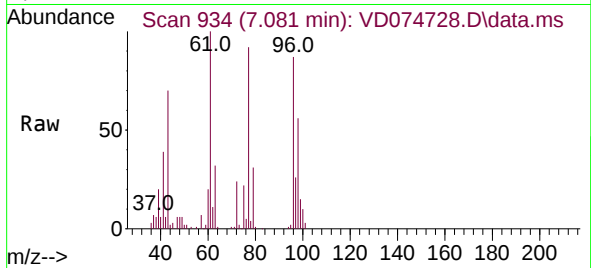




#27
 cis-1,2-Dichloroethene
 Concen: 50.191 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD074728.D
 Acq: 04 Nov 2022 10:12

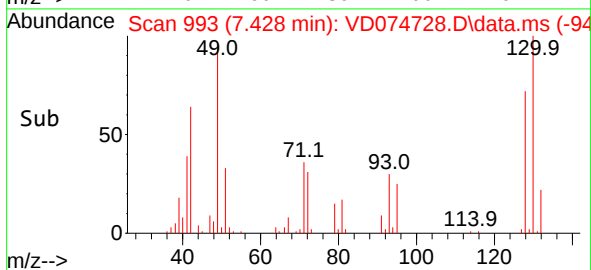
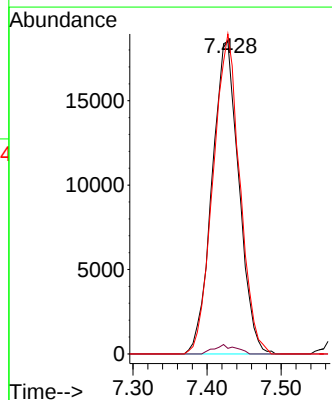
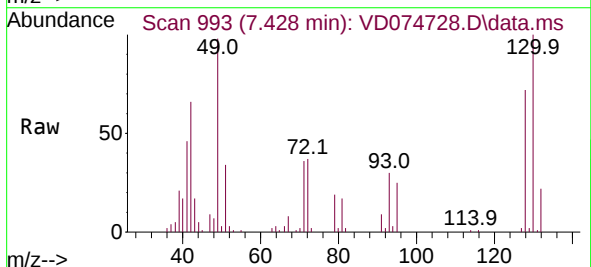
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

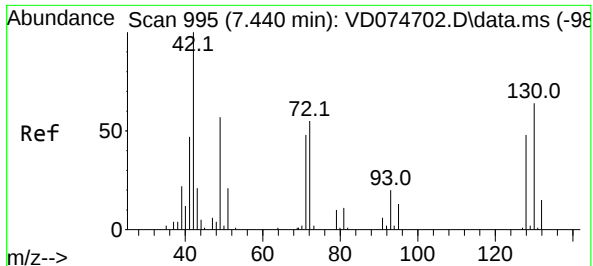
Tgt Ion: 96 Resp: 103832
 Ion Ratio Lower Upper
 96 100
 61 121.6 0.0 242.4
 98 65.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 51.886 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD074728.D
 Acq: 04 Nov 2022 10:12

Tgt Ion: 49 Resp: 46667
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 101.4 84.1 126.1





#29

Tetrahydrofuran

Concen: 241.401 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

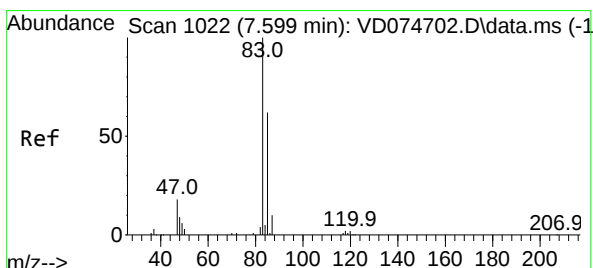
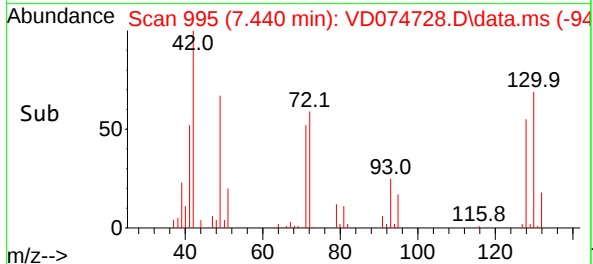
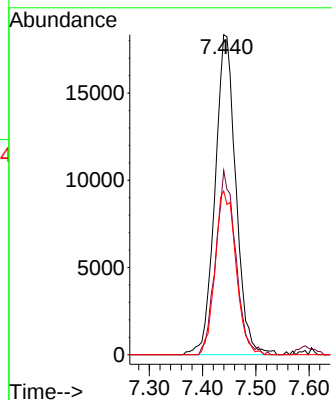
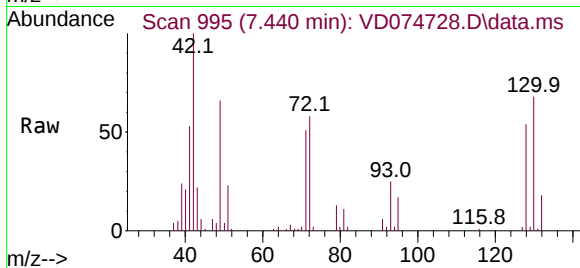
Tgt Ion: 42 Resp: 49832

Ion Ratio Lower Upper

42 100

72 54.8 45.8 68.6

71 51.0 44.6 66.8



#30

Chloroform

Concen: 50.508 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD074728.D

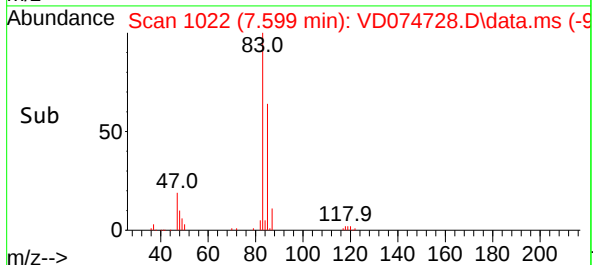
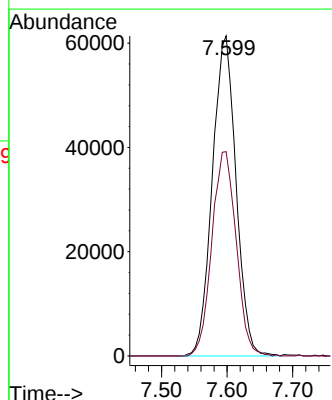
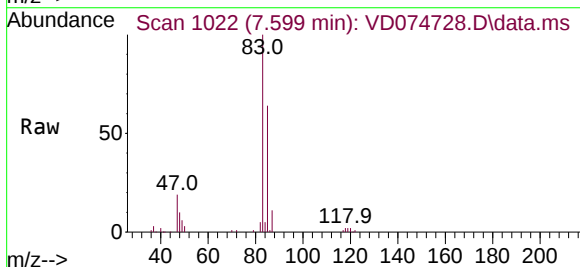
Acq: 04 Nov 2022 10:12

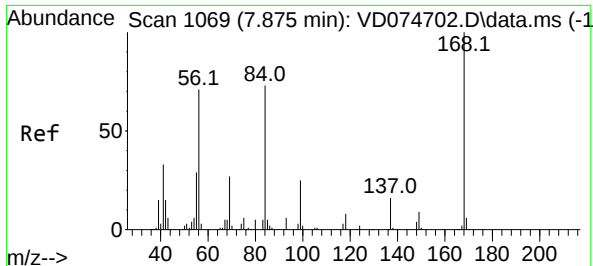
Tgt Ion: 83 Resp: 153783

Ion Ratio Lower Upper

83 100

85 63.9 52.0 78.0

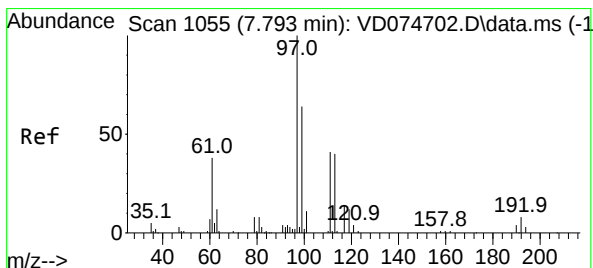
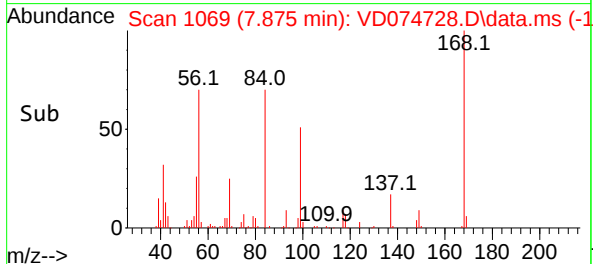
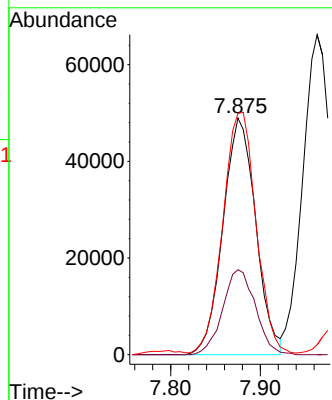
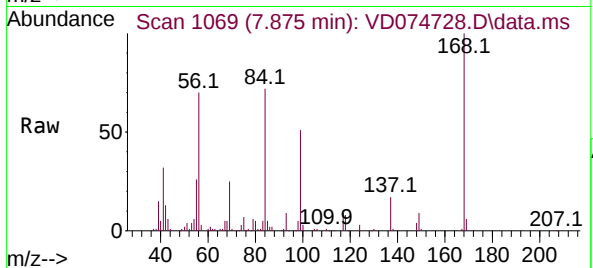




#31
Cyclohexane
Concen: 48.869 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

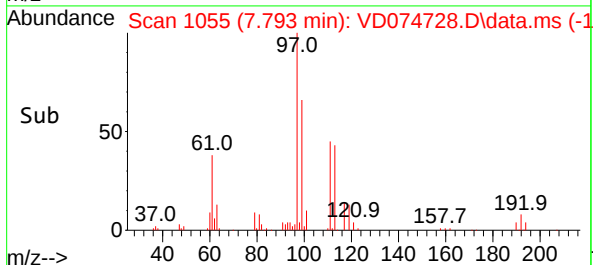
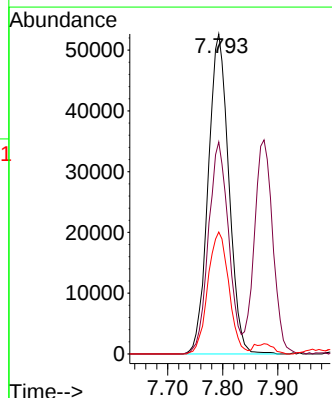
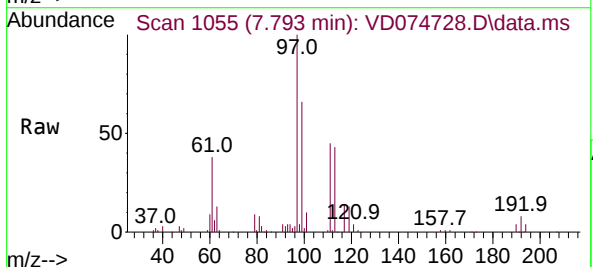
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

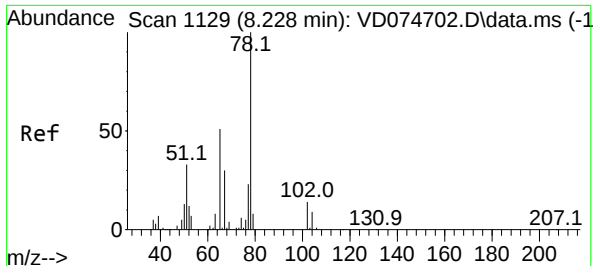
Tgt Ion: 56 Resp: 124118
Ion Ratio Lower Upper
56 100
69 35.9 29.2 43.8
84 100.7 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 50.907 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 97 Resp: 136928
Ion Ratio Lower Upper
97 100
99 64.7 53.3 79.9
61 38.9 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 49.109 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

Instrument :

MSVOA_D

ClientSampleId :

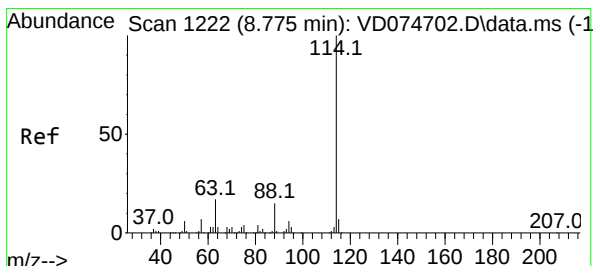
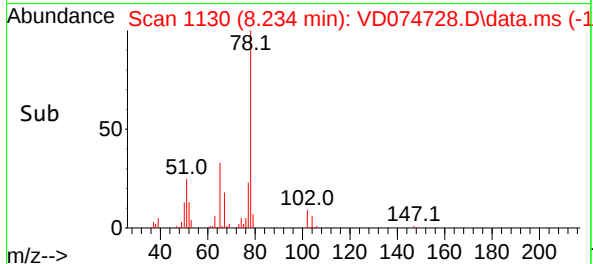
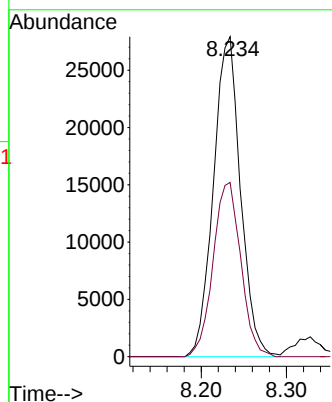
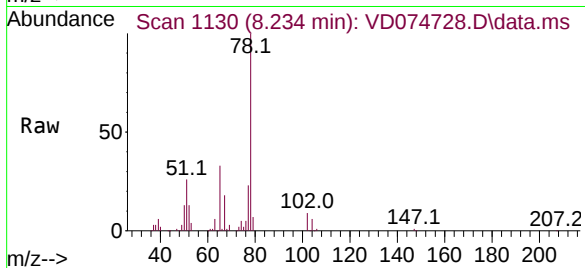
VSTDCCC050

Tgt Ion: 65 Resp: 61606

Ion Ratio Lower Upper

65 100

67 55.7 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

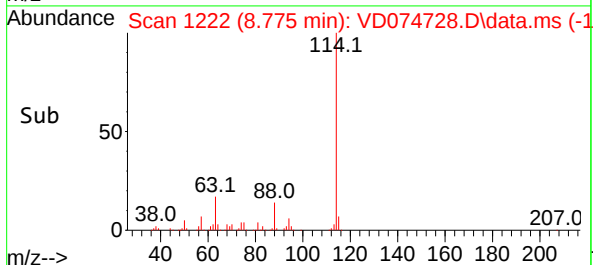
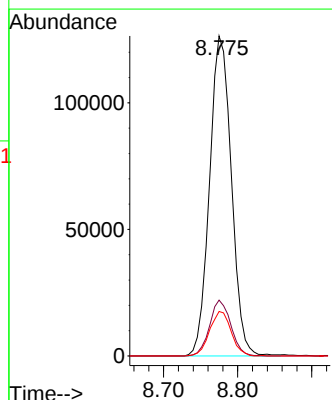
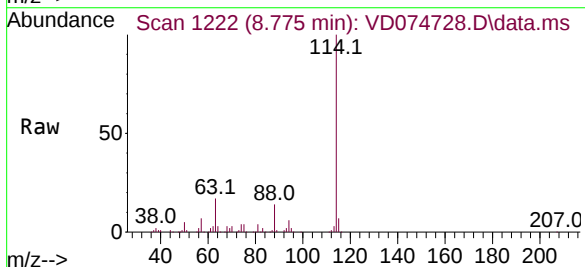
Tgt Ion: 114 Resp: 258873

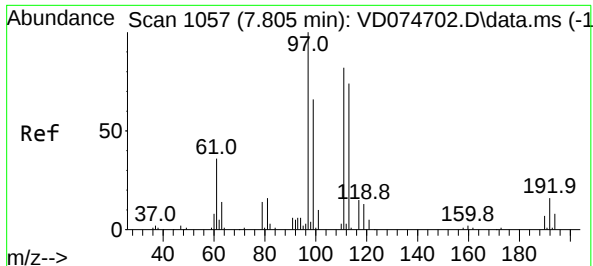
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.2

88 13.9 0.0 28.2





#35

Dibromofluoromethane

Concen: 49.708 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

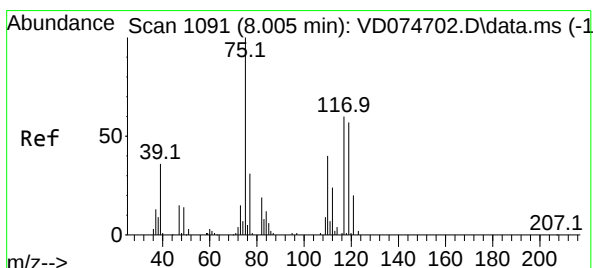
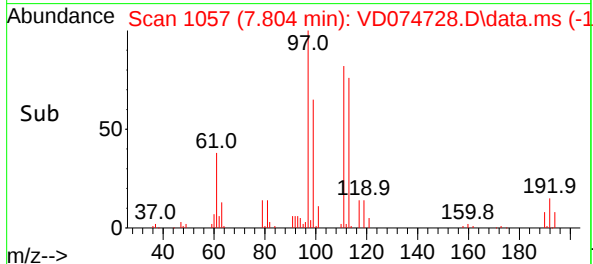
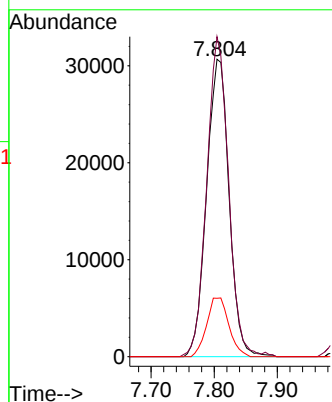
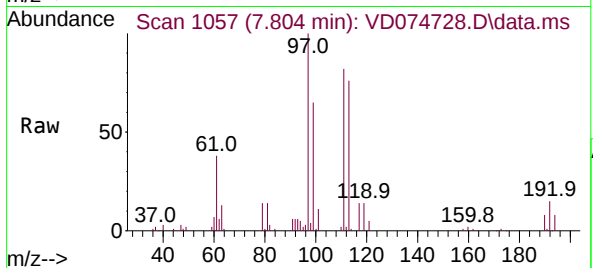
Tgt Ion:113 Resp: 76120

Ion Ratio Lower Upper

113 100

111 103.7 82.3 123.5

192 19.5 16.4 24.6



#36

1,1-Dichloropropene

Concen: 52.456 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.005 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

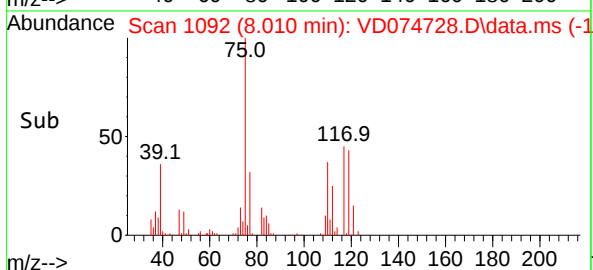
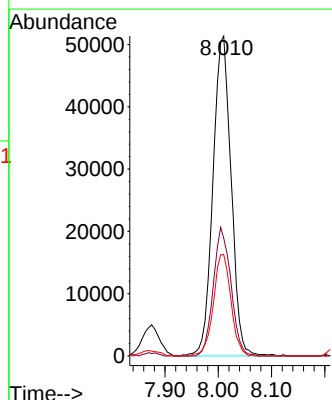
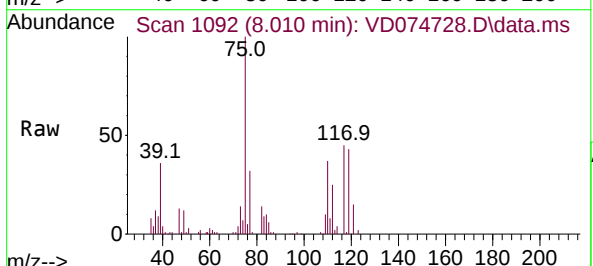
Tgt Ion: 75 Resp: 121928

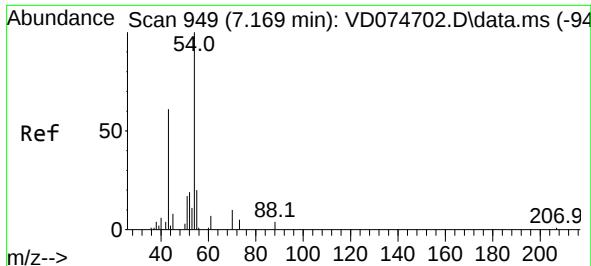
Ion Ratio Lower Upper

75 100

110 38.9 19.7 59.0

77 30.7 25.4 38.2

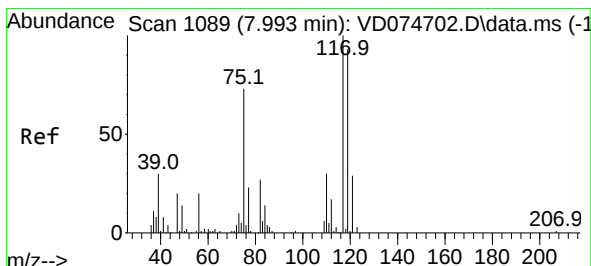
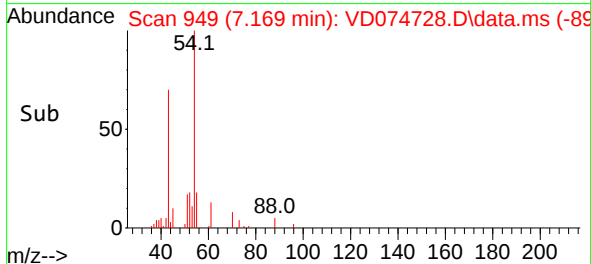
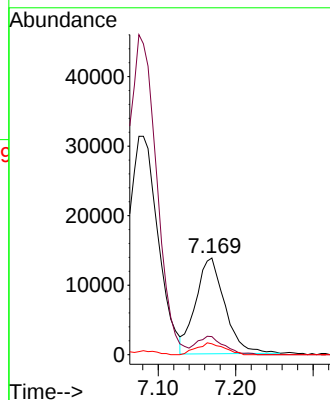
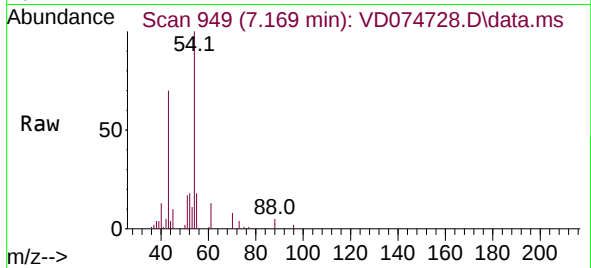




#37
Ethyl Acetate
Concen: 46.227 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

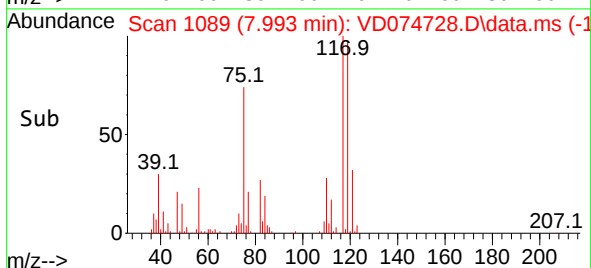
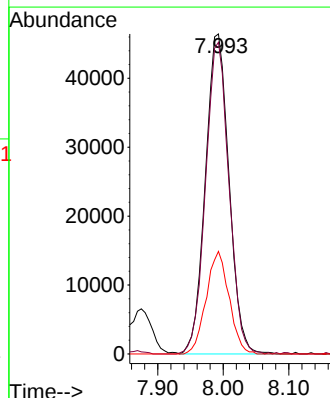
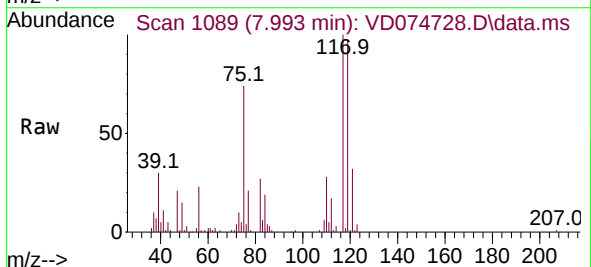
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

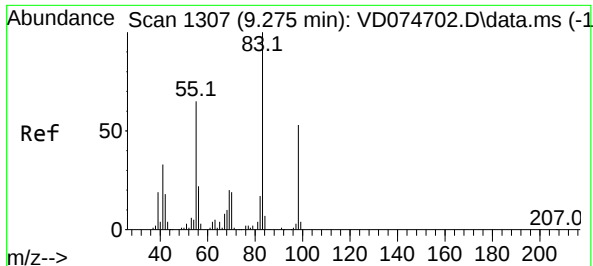
Tgt Ion: 43 Resp: 35844
Ion Ratio Lower Upper
43 100
61 17.7 12.2 18.4
70 11.6 9.6 14.4



#38
Carbon Tetrachloride
Concen: 52.913 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 117 Resp: 116522
Ion Ratio Lower Upper
117 100
119 97.4 73.1 109.7
121 32.0 25.0 37.6





#39

Methylcyclohexane

Concen: 52.252 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

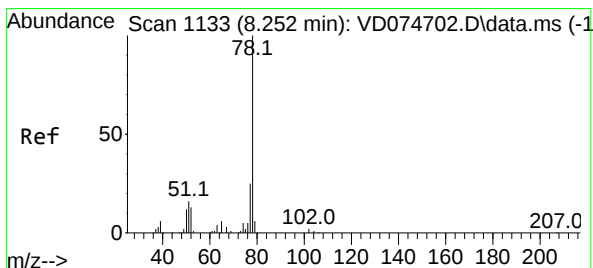
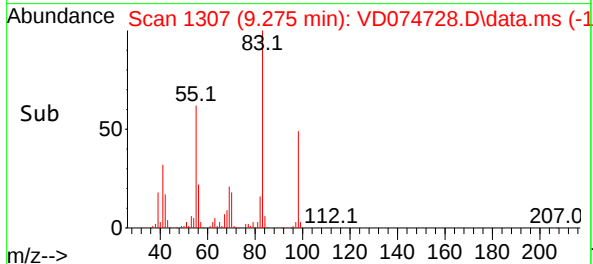
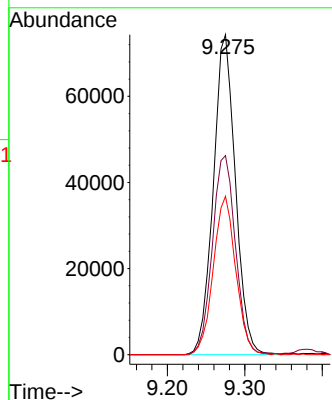
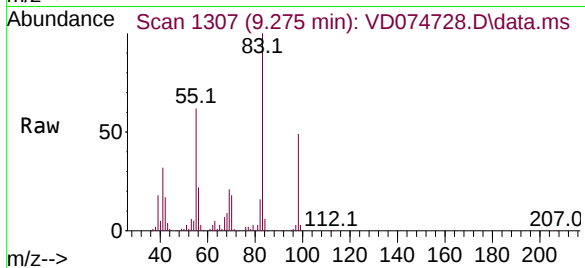
Tgt Ion: 83 Resp: 147770

Ion Ratio Lower Upper

83 100

55 62.2 49.0 73.4

98 49.5 41.7 62.5



#40

Benzene

Concen: 51.542 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD074728.D

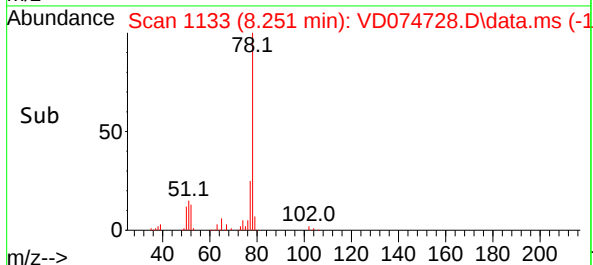
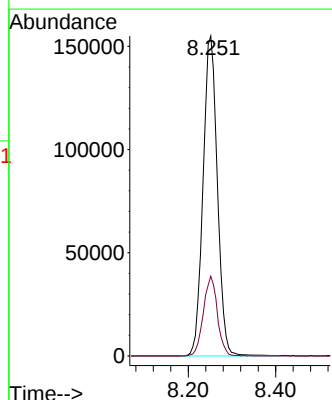
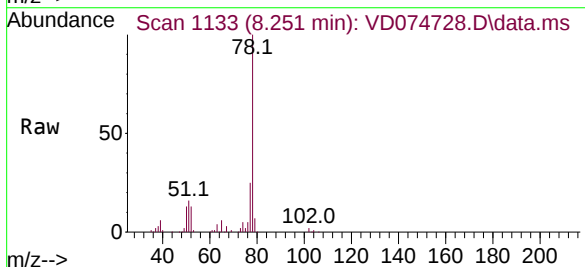
Acq: 04 Nov 2022 10:12

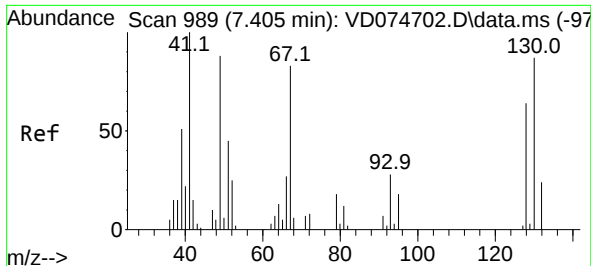
Tgt Ion: 78 Resp: 354109

Ion Ratio Lower Upper

78 100

77 24.9 20.1 30.1

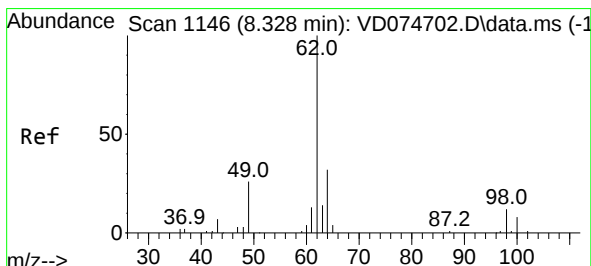
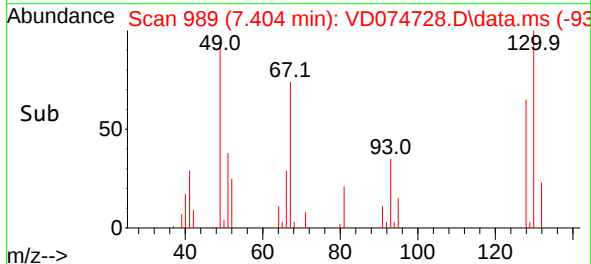
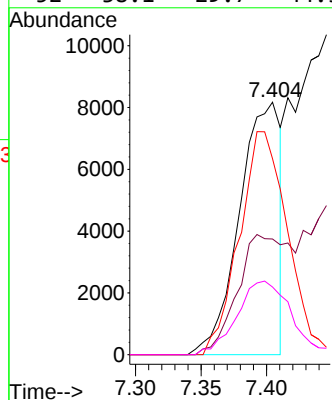
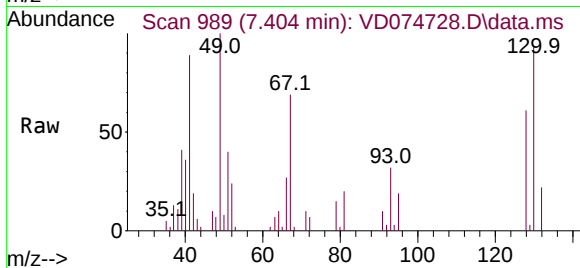




#41
Methacrylonitrile
Concen: 40.086 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.001 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

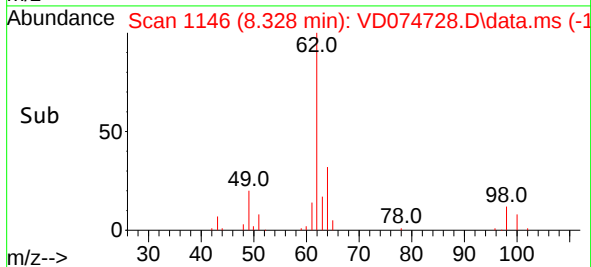
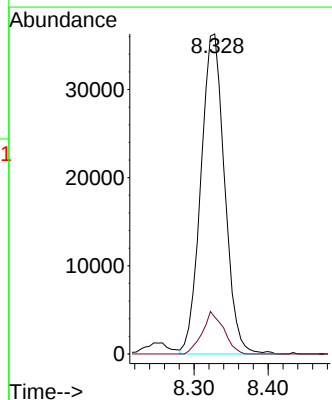
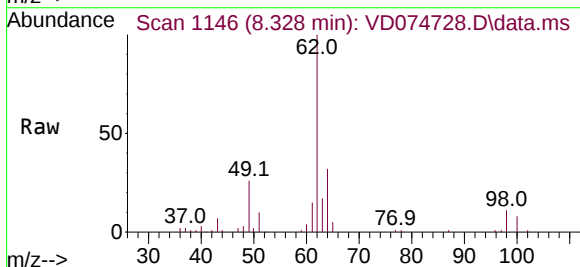
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

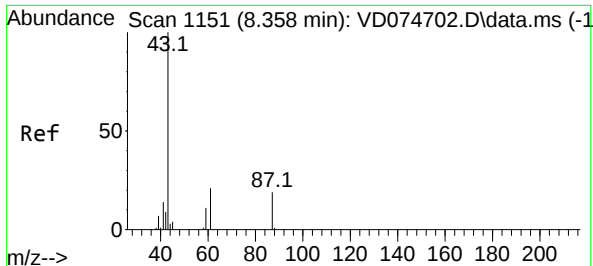
Tgt Ion: 41 Resp: 17904
Ion Ratio Lower Upper
41 100
39 62.4 35.0 52.6#
67 102.8 77.0 115.6
52 38.1 29.7 44.5



#42
1,2-Dichloroethane
Concen: 51.128 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 62 Resp: 80754
Ion Ratio Lower Upper
62 100
98 12.0 0.0 24.2





#43

Isopropyl Acetate

Concen: 48.173 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.001 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

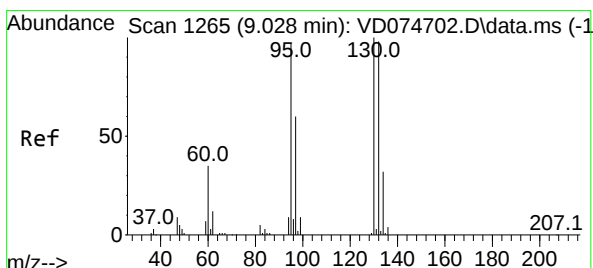
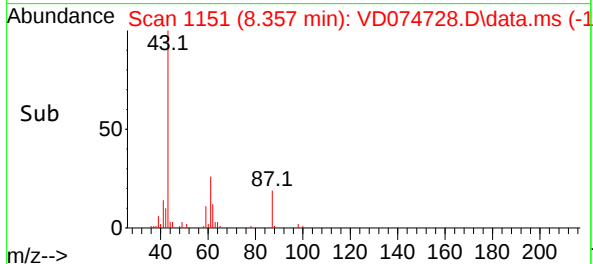
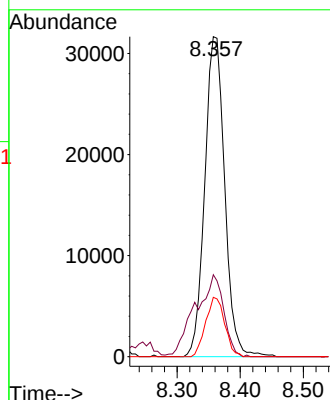
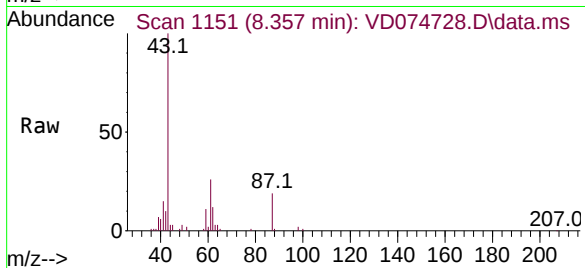
Tgt Ion: 43 Resp: 69503

Ion Ratio Lower Upper

43 100

61 36.5 30.9 46.3

87 17.8 14.3 21.5



#44

Trichloroethene

Concen: 51.760 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD074728.D

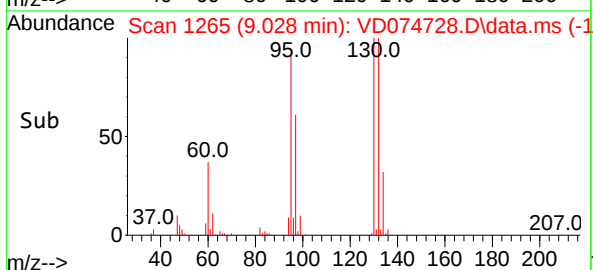
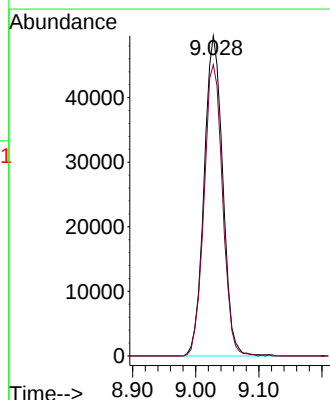
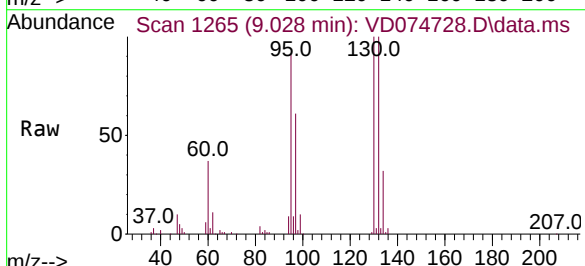
Acq: 04 Nov 2022 10:12

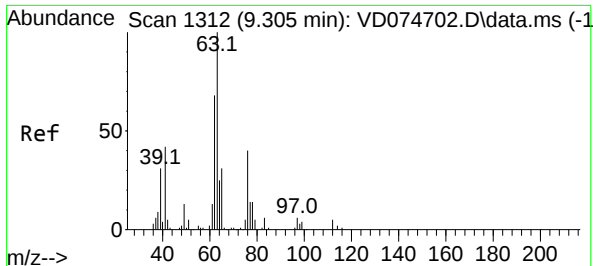
Tgt Ion:130 Resp: 101314

Ion Ratio Lower Upper

130 100

95 91.0 0.0 185.4





#45

1,2-Dichloropropane

Concen: 53.248 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.001 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

Instrument :

MSVOA_D

ClientSampleId :

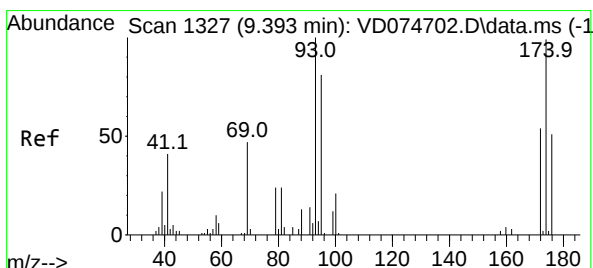
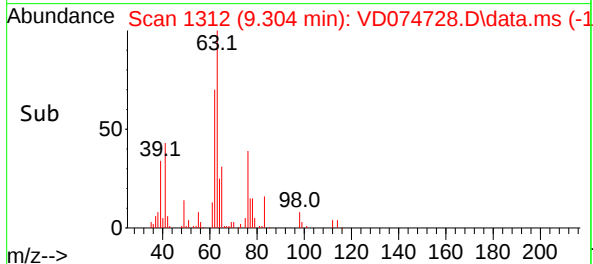
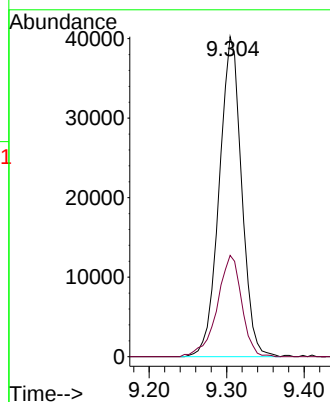
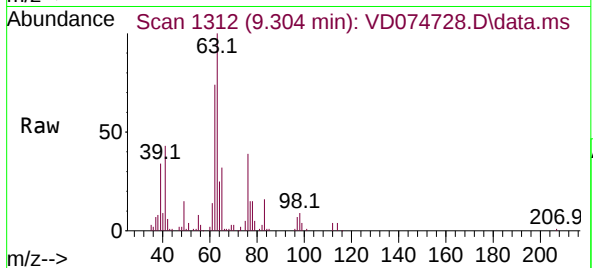
VSTDCCC050

Tgt Ion: 63 Resp: 80909

Ion Ratio Lower Upper

63 100

65 31.6 23.1 34.7



#46

Dibromomethane

Concen: 51.455 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

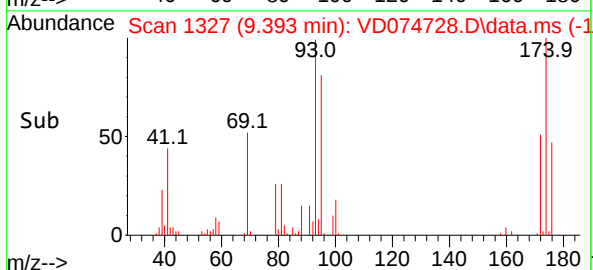
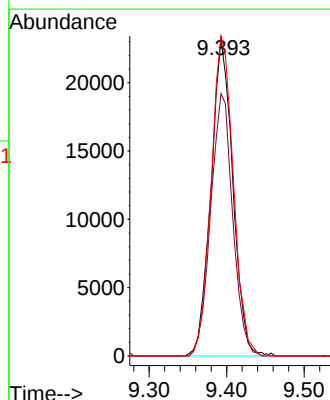
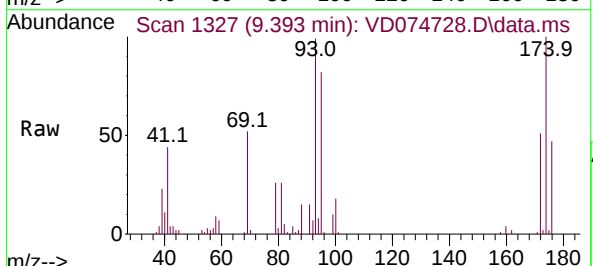
Tgt Ion: 93 Resp: 45308

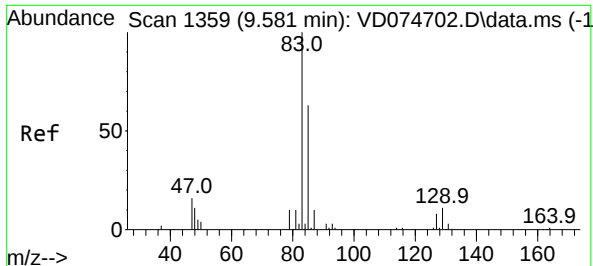
Ion Ratio Lower Upper

93 100

95 83.6 68.2 102.2

174 102.7 87.4 131.0

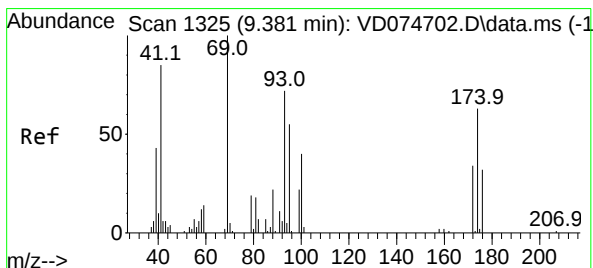
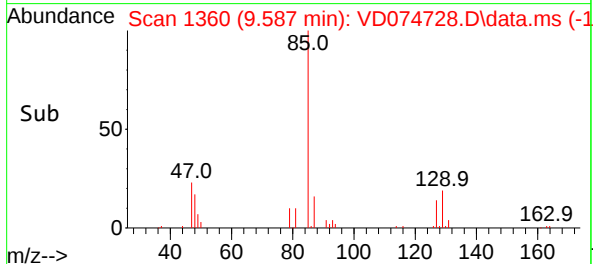
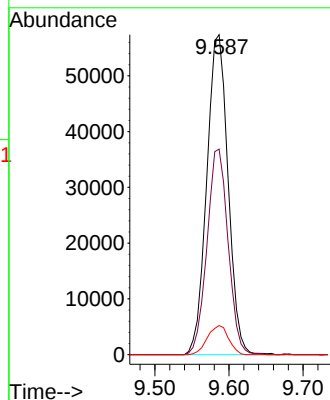
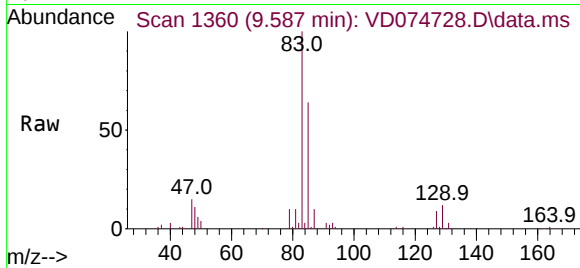




#47
Bromodichloromethane
Concen: 54.080 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

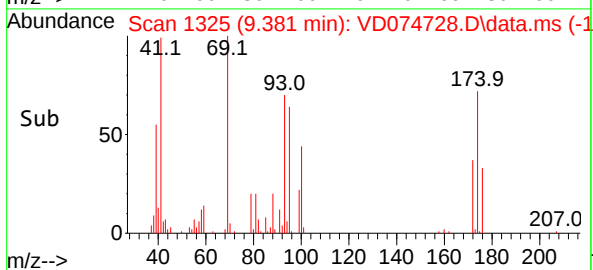
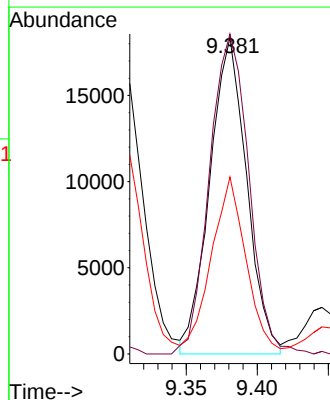
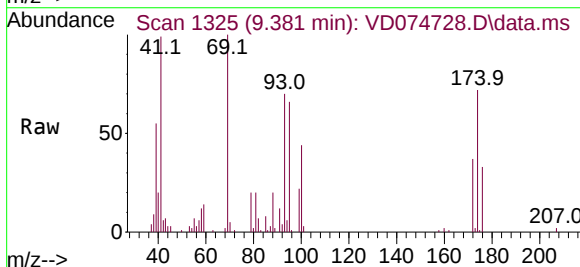
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

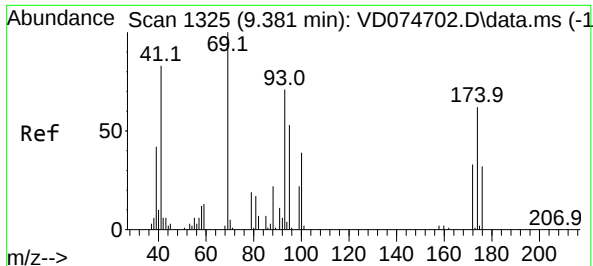
Tgt Ion: 83 Resp: 114645
Ion Ratio Lower Upper
83 100
85 64.2 48.8 73.2
127 9.1 6.7 10.1



#48
Methyl methacrylate
Concen: 51.596 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 41 Resp: 33173
Ion Ratio Lower Upper
41 100
69 107.8 93.0 139.4
39 49.4 44.6 66.8





#49

1,4-Dioxane

Concen: 1023.422 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

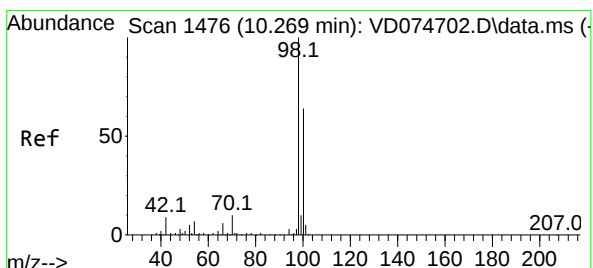
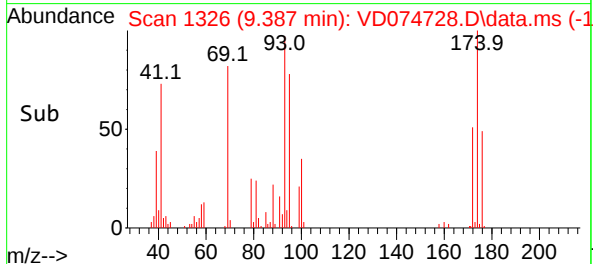
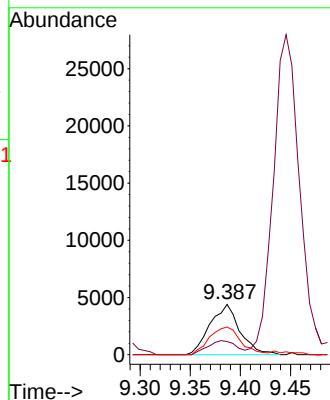
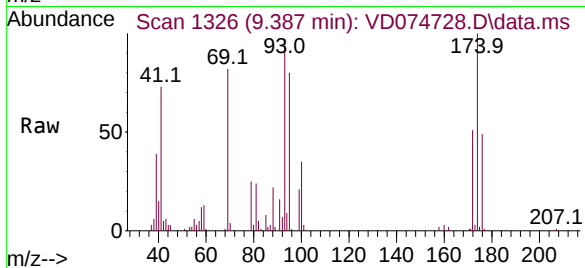
Tgt Ion: 88 Resp: 9088

Ion Ratio Lower Upper

88 100

43 27.1 24.1 36.1

58 57.8 43.1 64.7



#50

Toluene-d8

Concen: 52.377 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074728.D

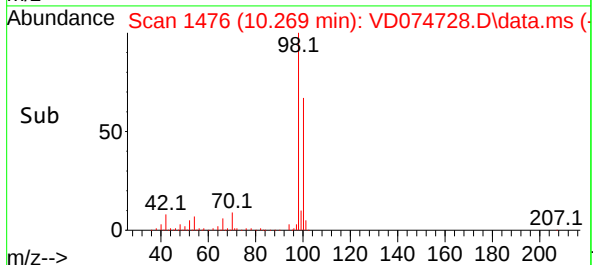
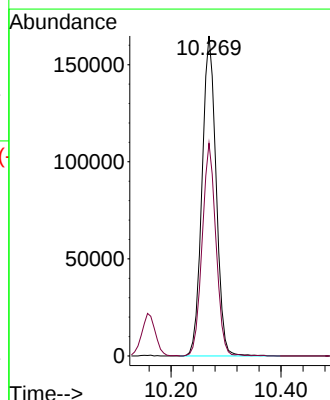
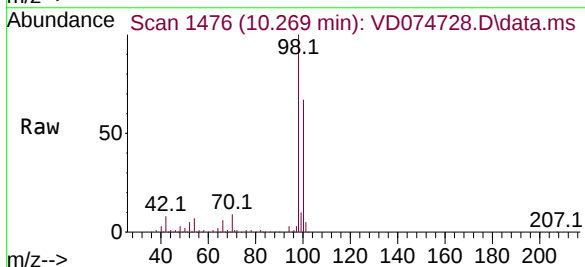
Acq: 04 Nov 2022 10:12

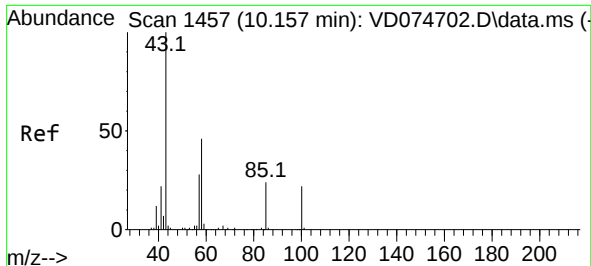
Tgt Ion: 98 Resp: 292569

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.0

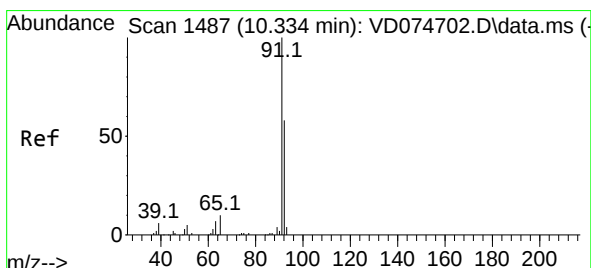
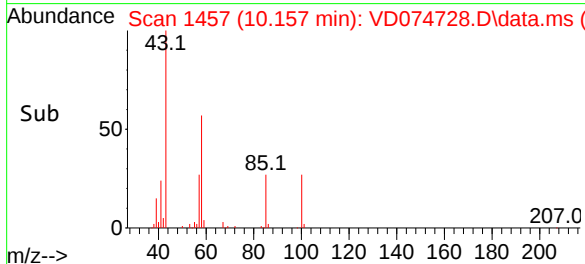
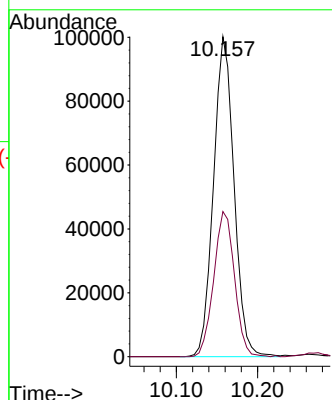
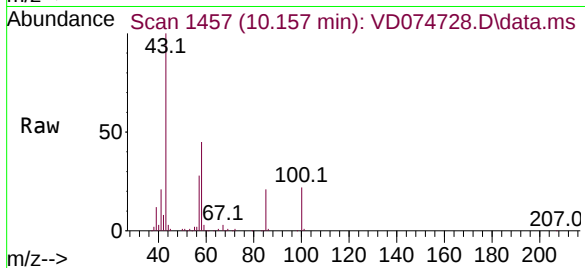




#51
4-Methyl-2-Pentanone
Concen: 251.698 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

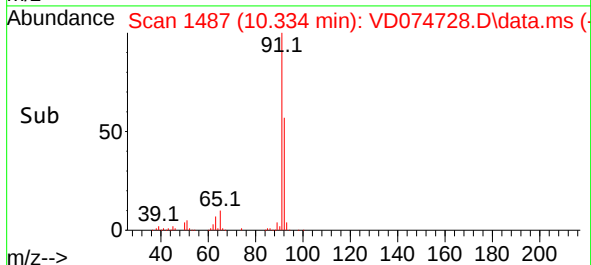
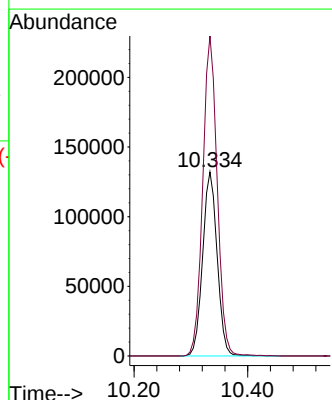
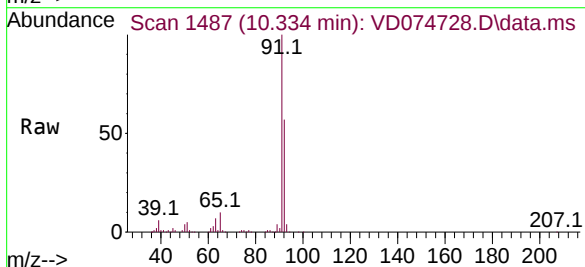
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

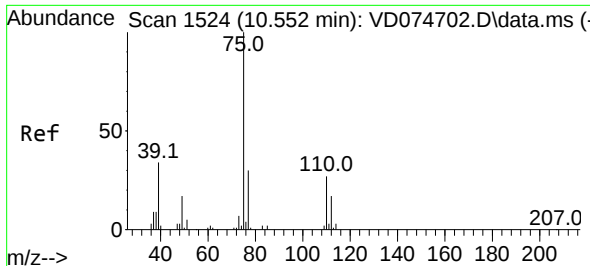
Tgt Ion: 43 Resp: 176102
Ion Ratio Lower Upper
43 100
58 45.9 37.8 56.6



#52
Toluene
Concen: 55.493 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 92 Resp: 233428
Ion Ratio Lower Upper
92 100
91 173.4 139.0 208.4

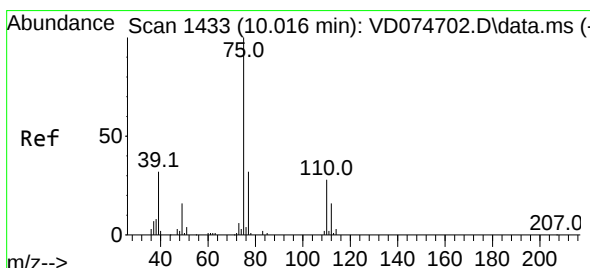
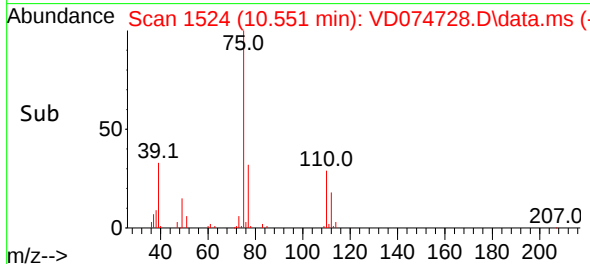
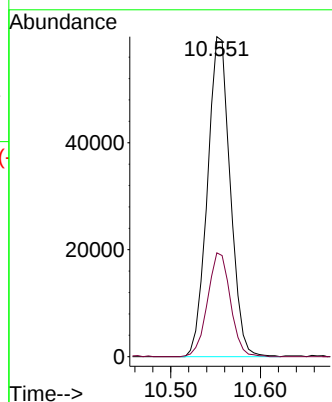
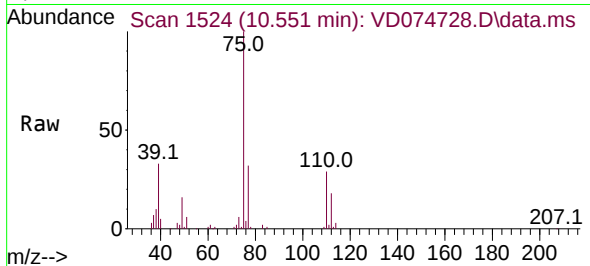




#53
 t-1,3-Dichloropropene
 Concen: 56.149 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: VD074728.D
 Acq: 04 Nov 2022 10:12

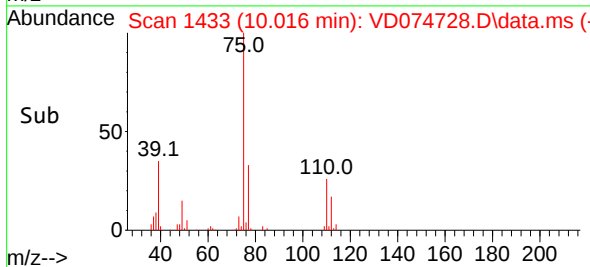
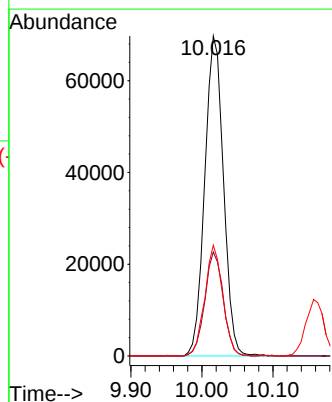
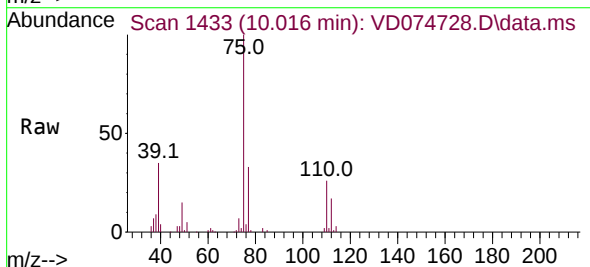
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

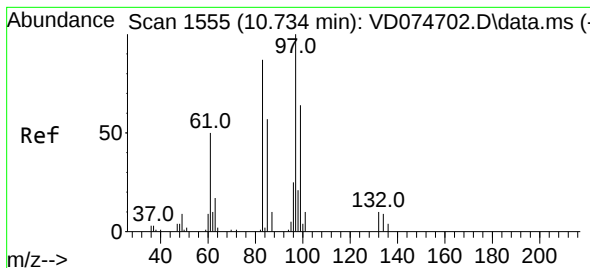
Tgt Ion: 75 Resp: 105276
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 54.329 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD074728.D
 Acq: 04 Nov 2022 10:12

Tgt Ion: 75 Resp: 127822
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.7 37.1
 39 34.6 25.4 38.2





#55

1,1,2-Trichloroethane

Concen: 52.917 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 63301

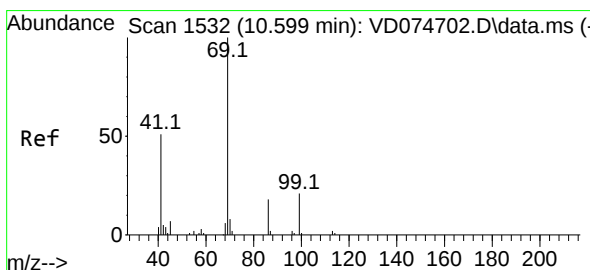
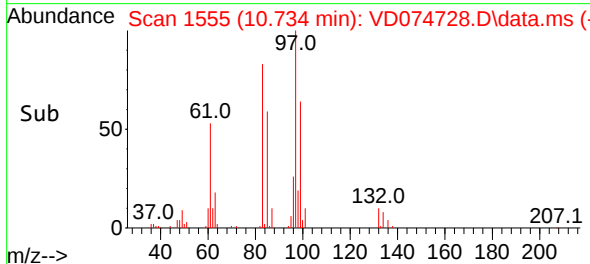
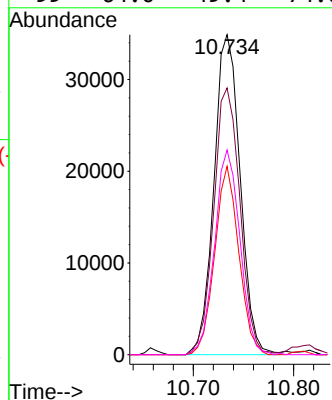
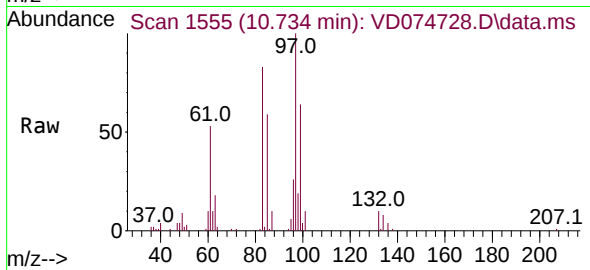
Ion Ratio Lower Upper

97 100

83 83.3 64.8 97.2

85 58.8 44.8 67.2

99 64.0 49.4 74.0



#56

Ethyl methacrylate

Concen: 53.204 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. -0.001 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

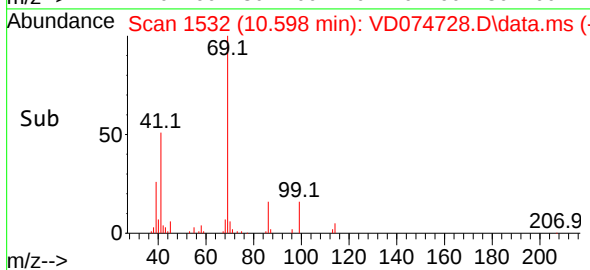
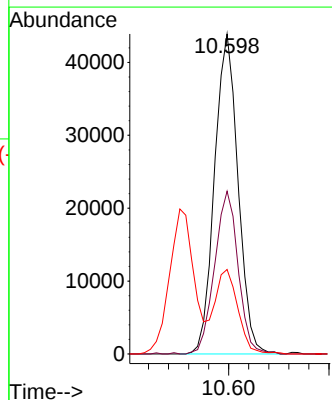
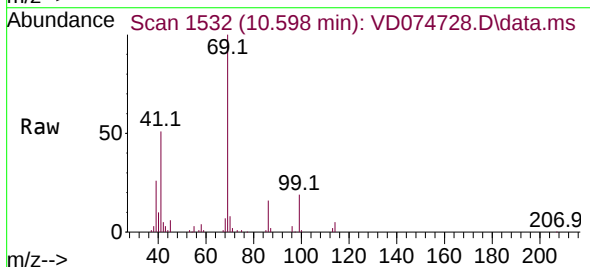
Tgt Ion: 69 Resp: 71158

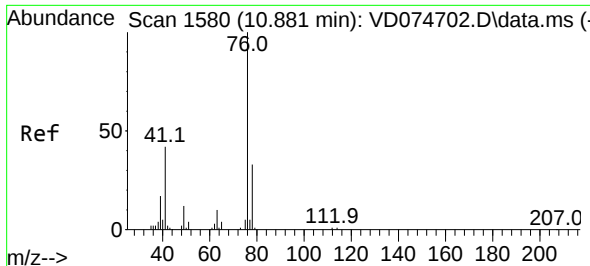
Ion Ratio Lower Upper

69 100

41 51.0 38.6 58.0

39 26.8 19.9 29.9





#57

1,3-Dichloropropane

Concen: 53.480 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

Instrument :

MSVOA_D

ClientSampleId :

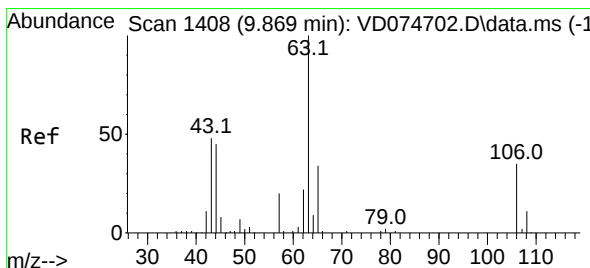
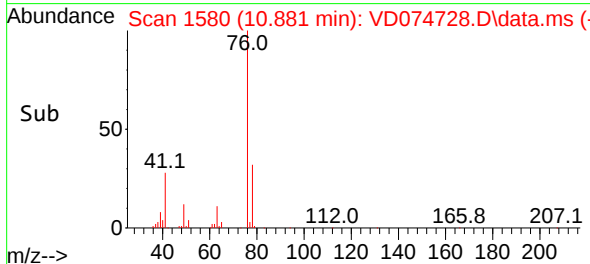
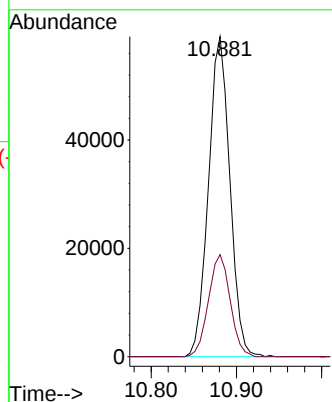
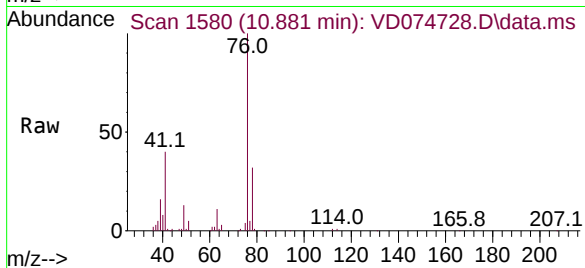
VSTDCCC050

Tgt Ion: 76 Resp: 103065

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 335.767 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074728.D

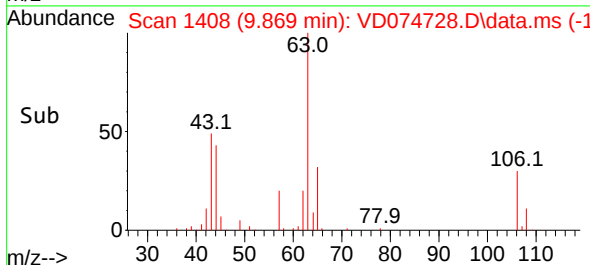
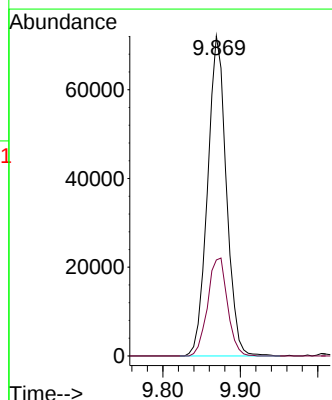
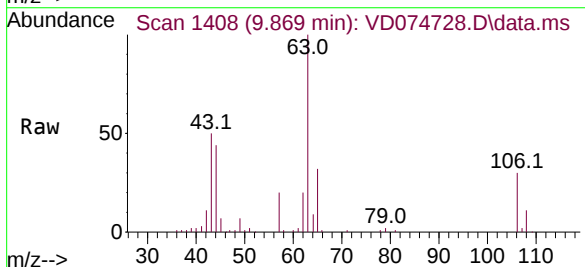
Acq: 04 Nov 2022 10:12

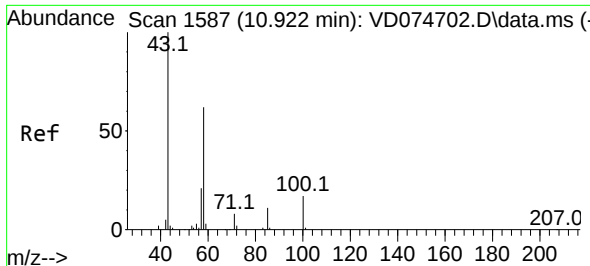
Tgt Ion: 63 Resp: 121566

Ion Ratio Lower Upper

63 100

106 32.2 26.5 39.7

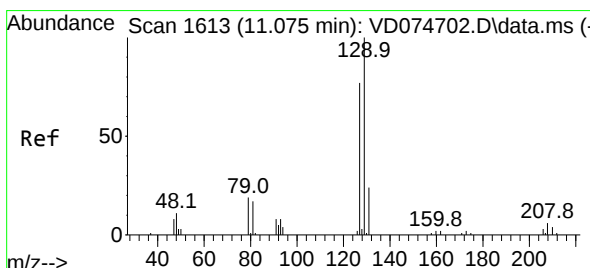
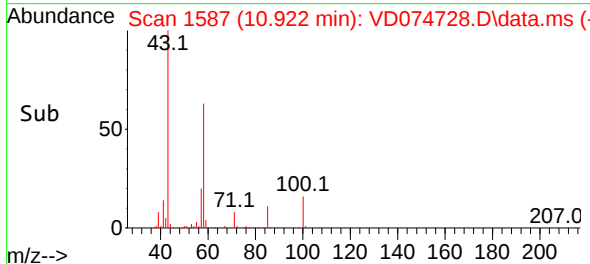
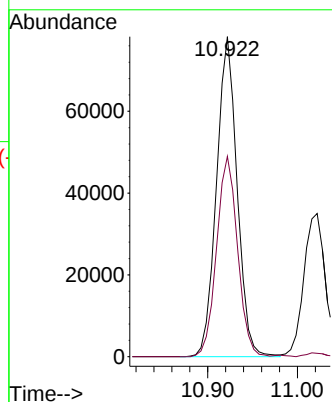
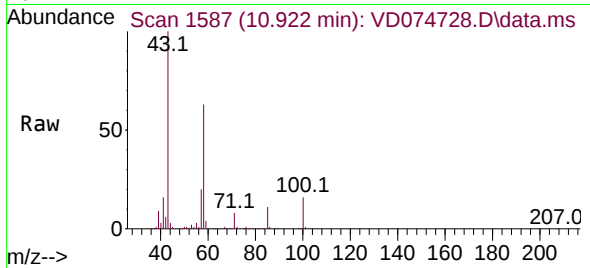




#59
2-Hexanone
Concen: 259.456 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

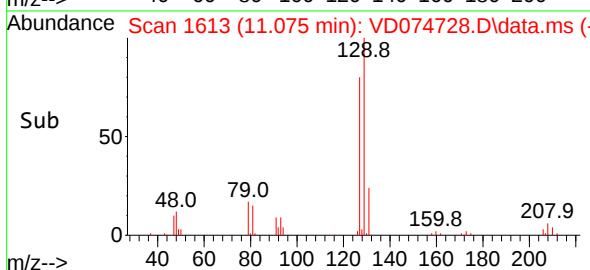
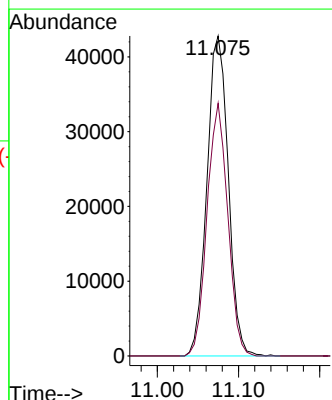
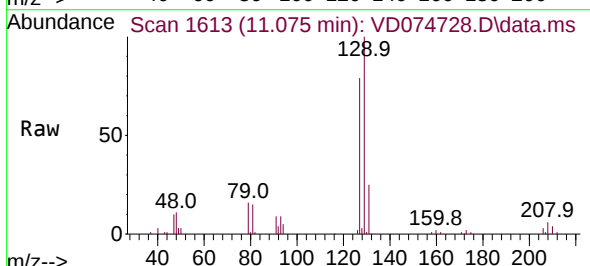
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

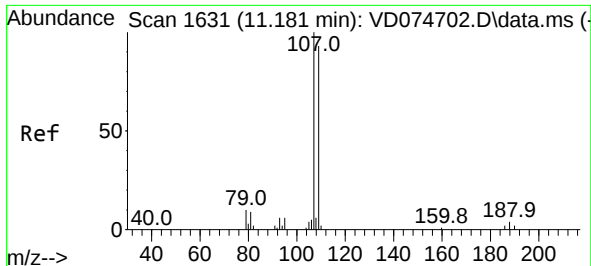
Tgt Ion: 43 Resp: 124873
Ion Ratio Lower Upper
43 100
58 63.7 32.0 96.2



#60
Dibromochloromethane
Concen: 54.775 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 129 Resp: 78223
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2

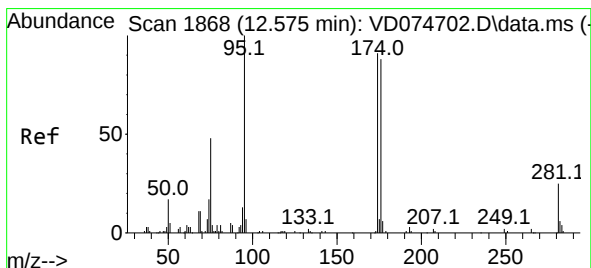
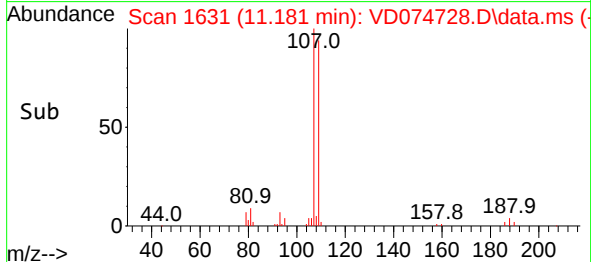
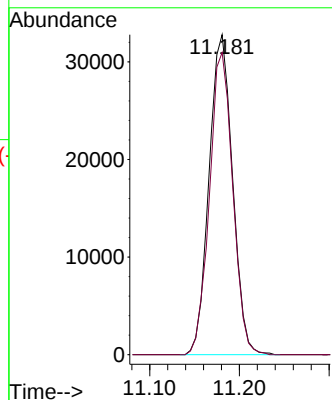
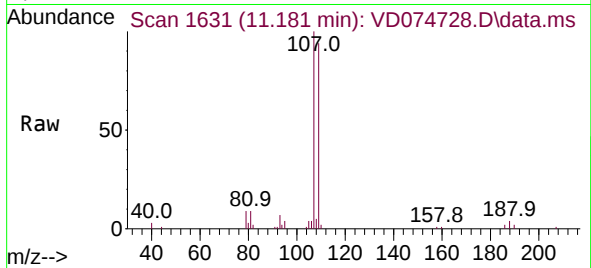




#61
1,2-Dibromoethane
Concen: 52.847 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

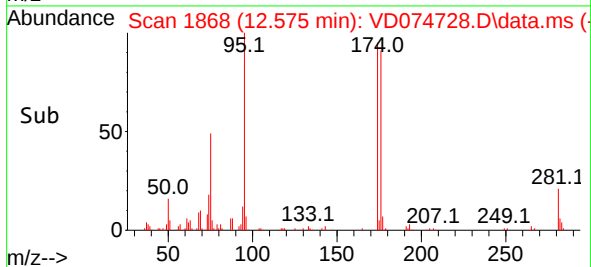
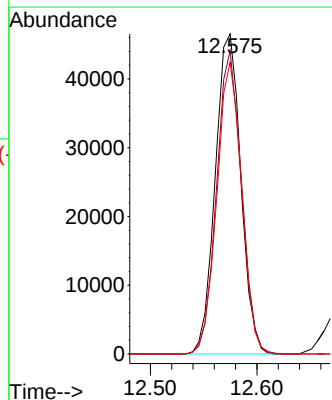
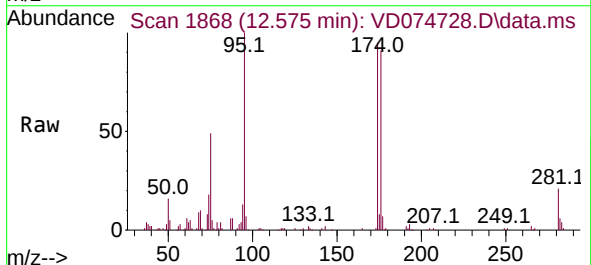
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

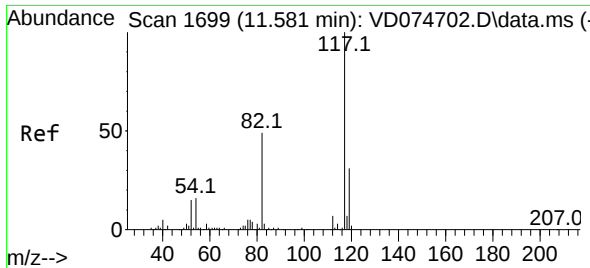
Tgt Ion:107 Resp: 59575
Ion Ratio Lower Upper
107 100
109 93.5 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 47.958 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 95 Resp: 77347
Ion Ratio Lower Upper
95 100
174 91.9 0.0 197.0
176 89.3 0.0 182.6

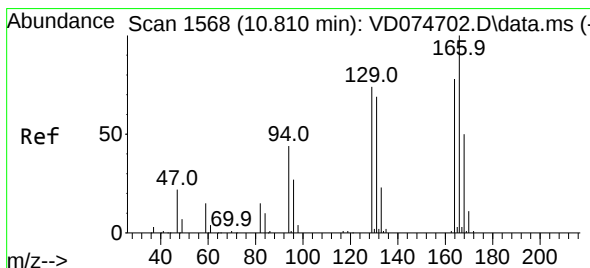
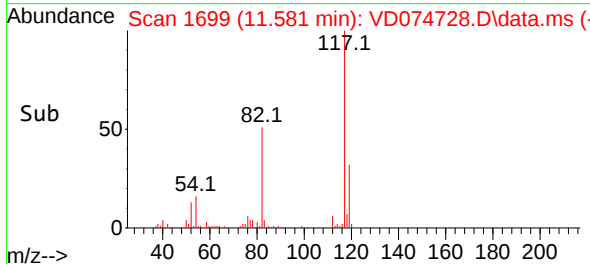
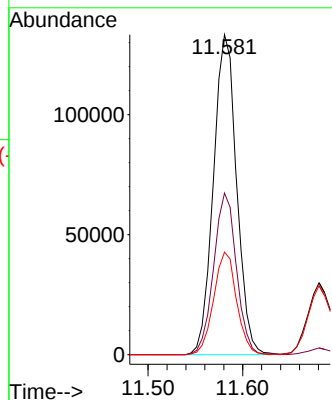
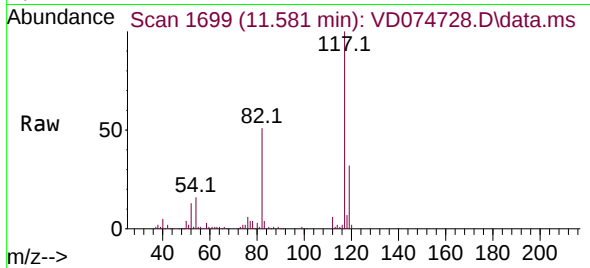




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

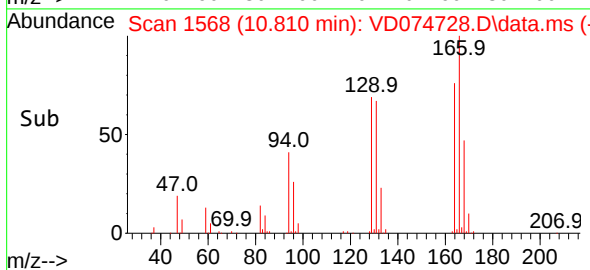
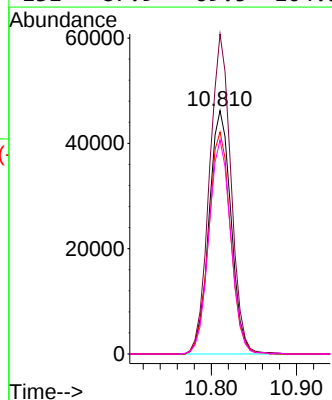
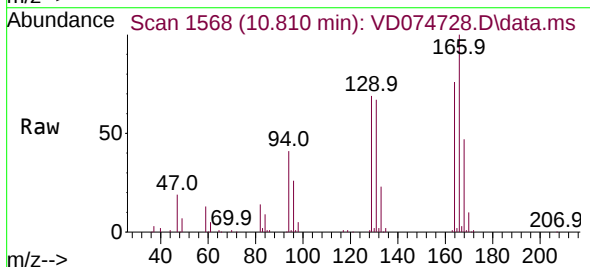
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

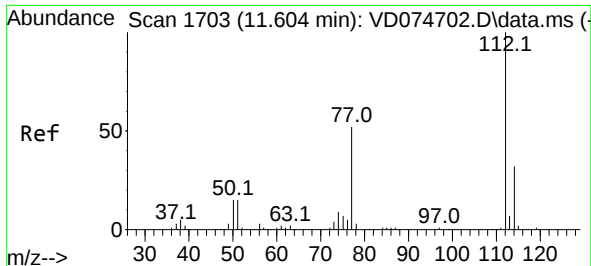
Tgt Ion:117 Resp: 227018
Ion Ratio Lower Upper
117 100
82 50.5 41.6 62.4
119 32.1 25.2 37.8



#64
Tetrachloroethene
Concen: 51.825 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion:164 Resp: 83112
Ion Ratio Lower Upper
164 100
166 131.5 107.8 161.8
129 91.2 77.4 116.2
131 87.9 69.5 104.3

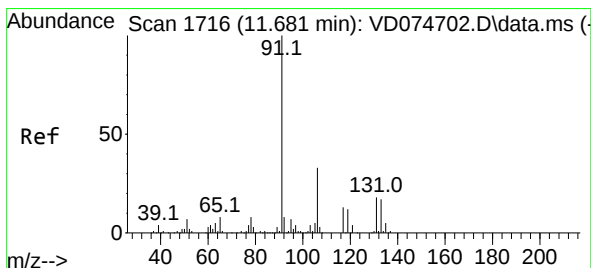
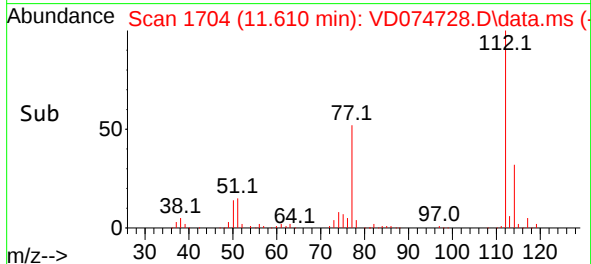
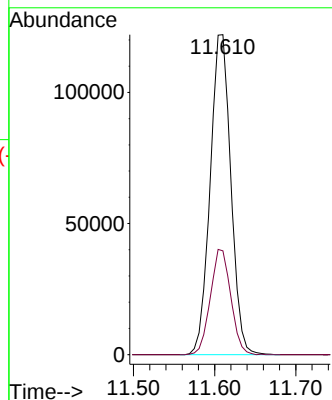
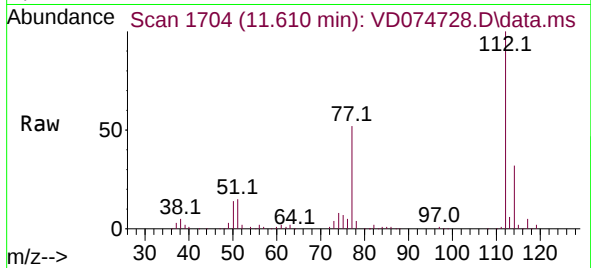




#65
Chlorobenzene
Concen: 48.069 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

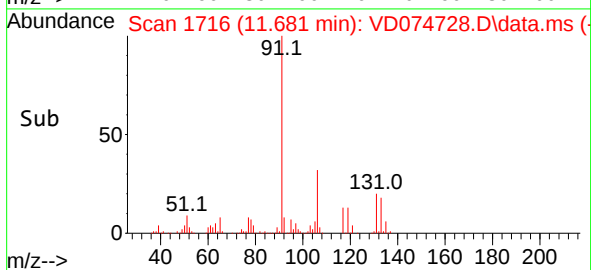
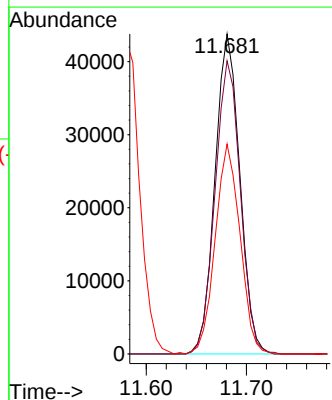
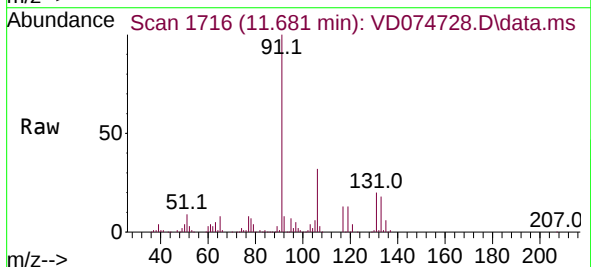
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

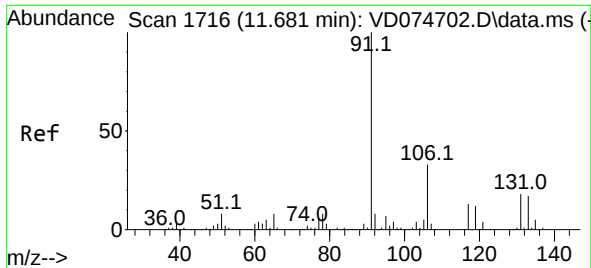
Tgt Ion:112 Resp: 216111
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.306 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion:131 Resp: 75208
Ion Ratio Lower Upper
131 100
133 93.5 46.6 139.8
119 65.7 32.5 97.4





#67

Ethyl Benzene

Concen: 48.106 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

Instrument :

MSVOA_D

ClientSampleId :

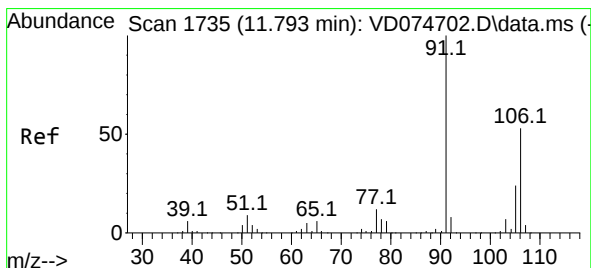
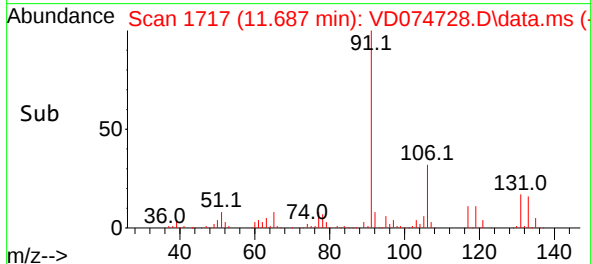
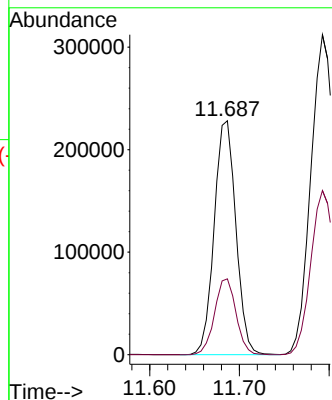
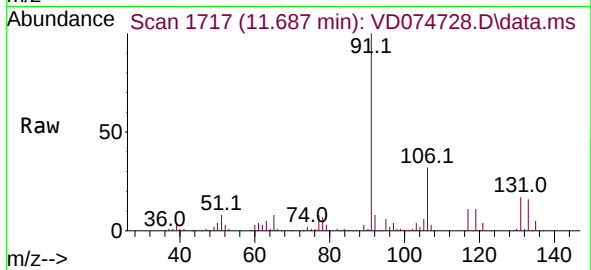
VSTDCCC050

Tgt Ion: 91 Resp: 383264

Ion Ratio Lower Upper

91 100

106 32.5 26.6 40.0



#68

m/p-Xylenes

Concen: 95.965 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.001 min

Lab File: VD074728.D

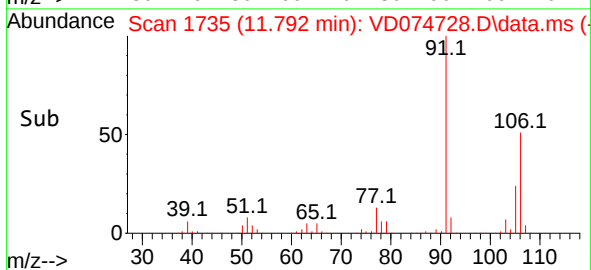
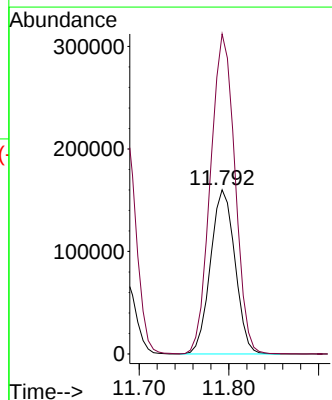
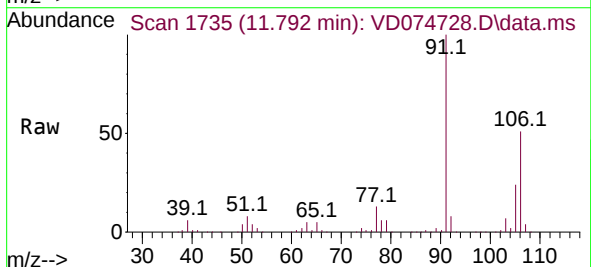
Acq: 04 Nov 2022 10:12

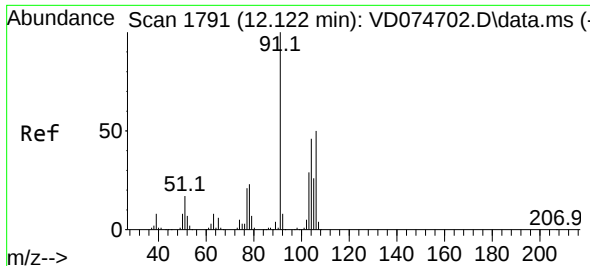
Tgt Ion:106 Resp: 303535

Ion Ratio Lower Upper

106 100

91 195.1 156.2 234.4

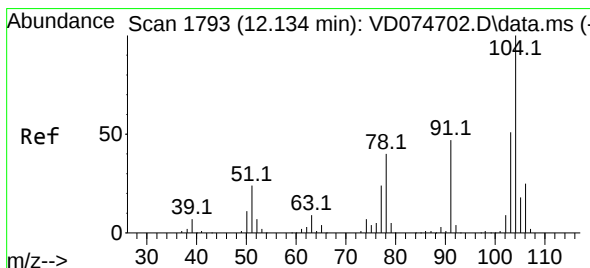
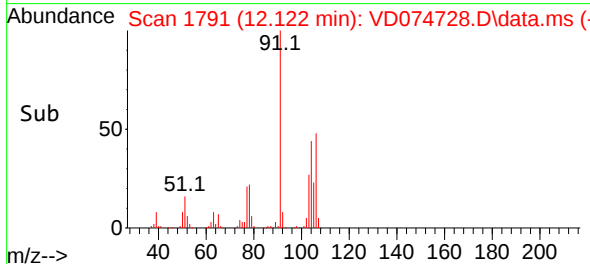
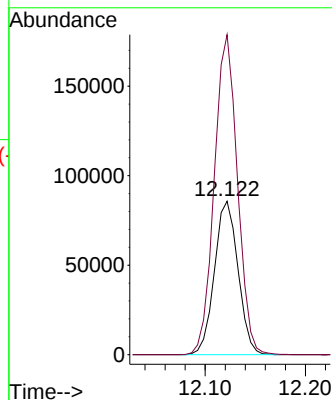
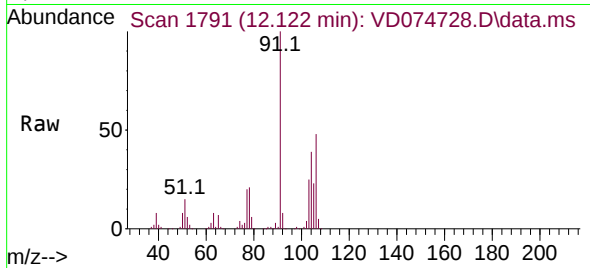




#69
o-Xylene
Concen: 48.072 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

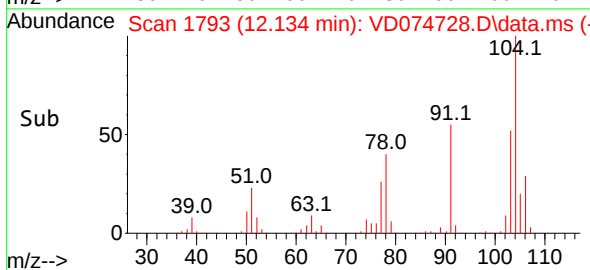
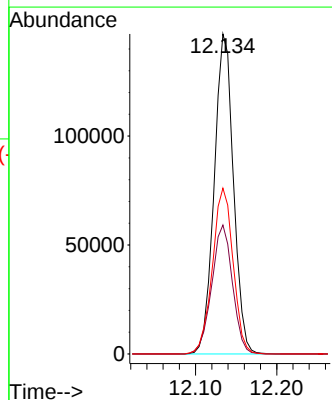
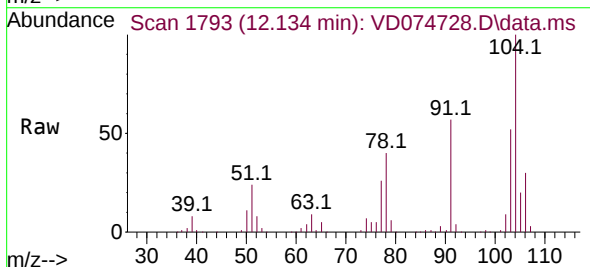
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

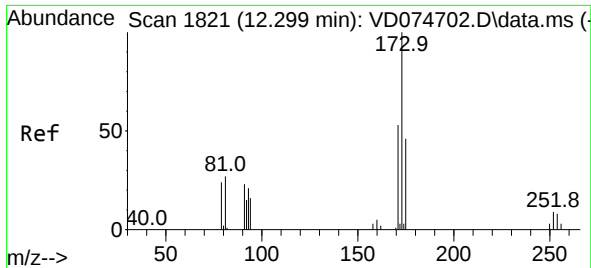
Tgt Ion:106 Resp: 139784
Ion Ratio Lower Upper
106 100
91 205.1 104.5 313.3



#70
Styrene
Concen: 49.134 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion:104 Resp: 242053
Ion Ratio Lower Upper
104 100
78 43.4 35.7 53.5
103 55.5 43.7 65.5

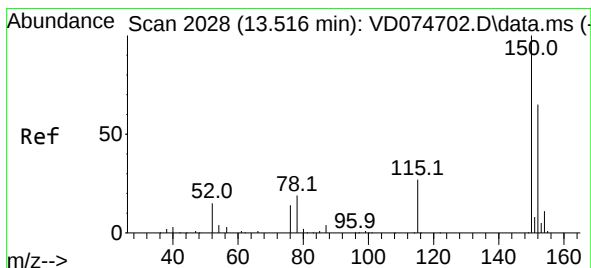
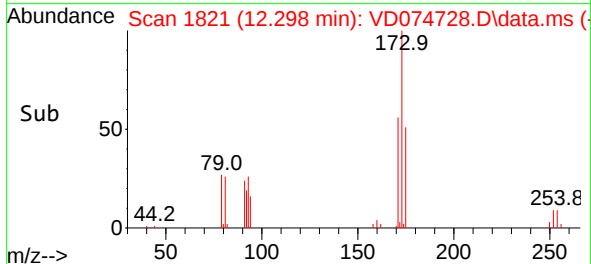
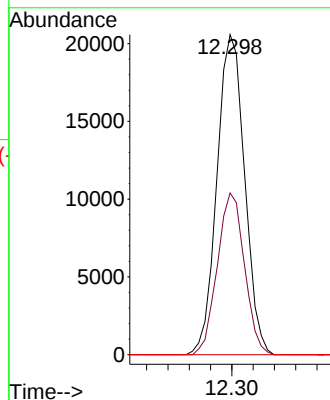
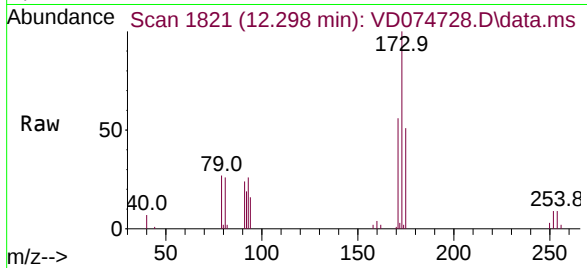




#71
Bromoform
Concen: 45.373 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.001 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

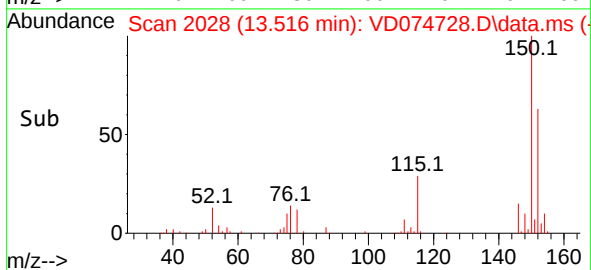
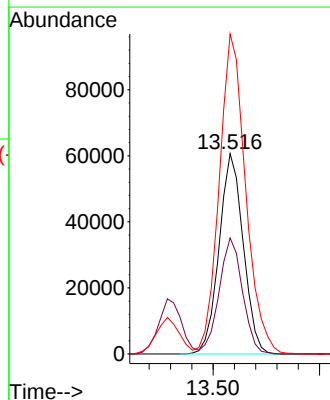
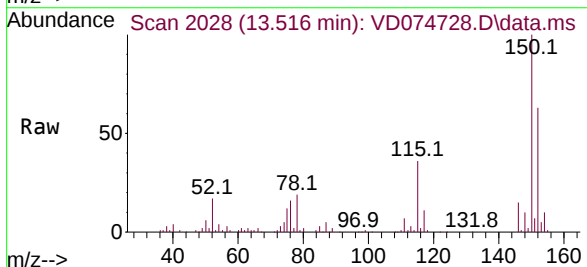
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

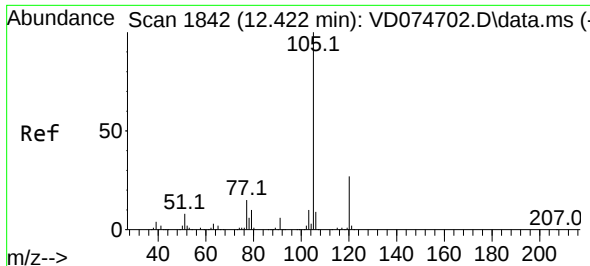
Tgt Ion:173 Resp: 37064
Ion Ratio Lower Upper
173 100
175 49.6 23.1 69.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion:152 Resp: 95252
Ion Ratio Lower Upper
152 100
115 56.1 26.8 80.4
150 174.8 0.0 348.2

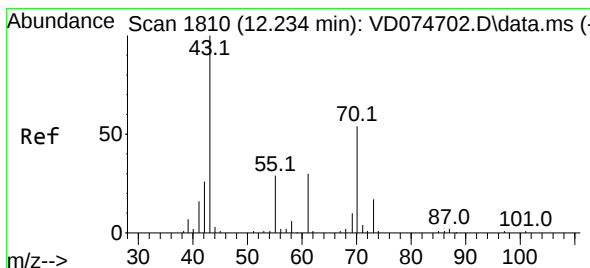
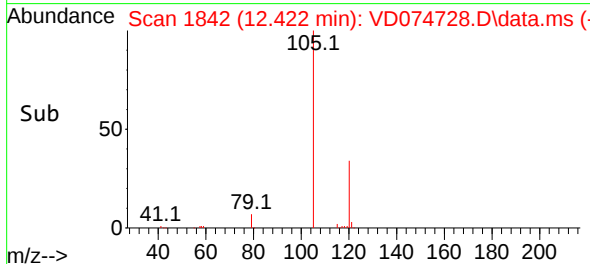
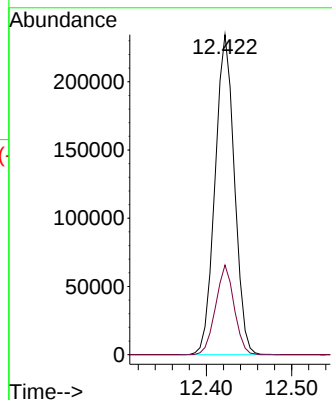
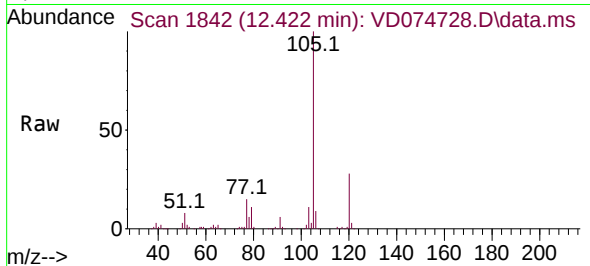




#73
Isopropylbenzene
Concen: 53.155 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

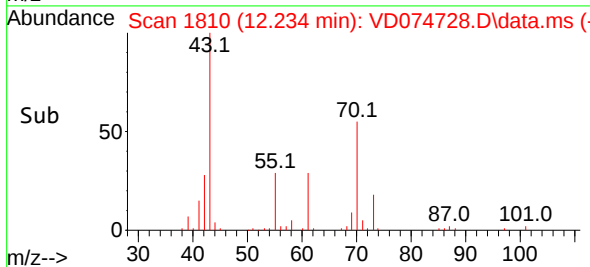
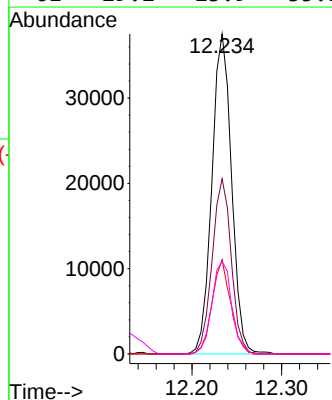
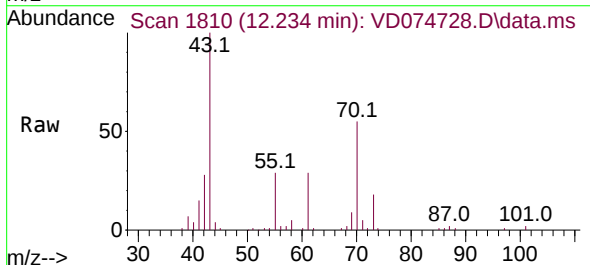
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

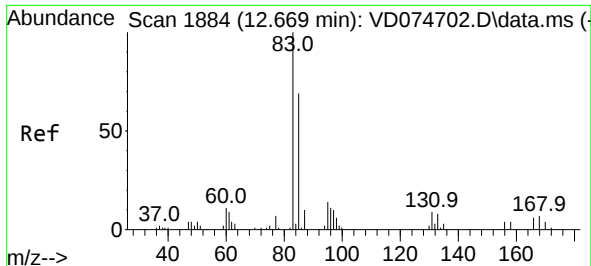
Tgt Ion:105 Resp: 369912
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4



#74
N-ethyl acetate
Concen: 50.570 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 43 Resp: 57162
Ion Ratio Lower Upper
43 100
70 53.0 43.8 65.6
55 27.9 22.0 33.0
61 29.2 23.9 35.9

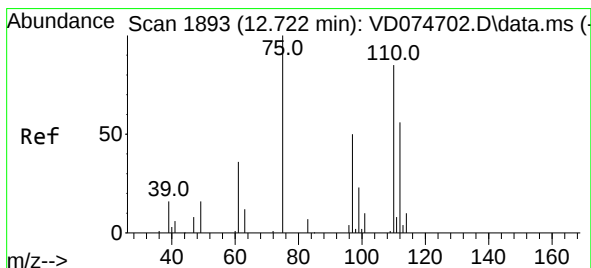
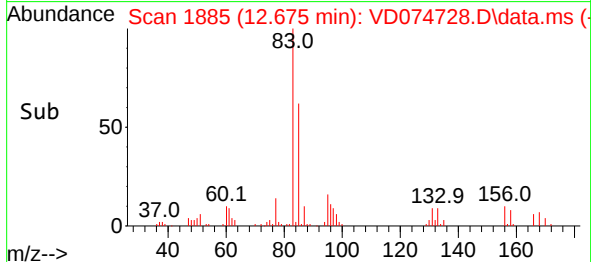
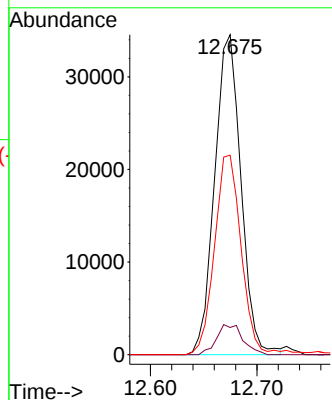
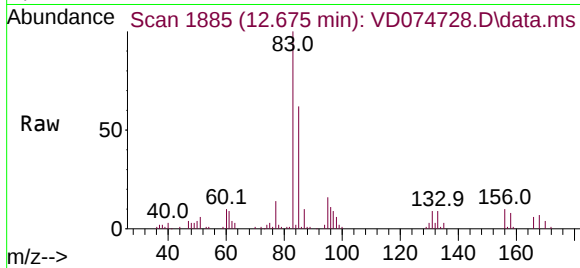




#75
1,1,2,2-Tetrachloroethane
Concen: 50.643 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

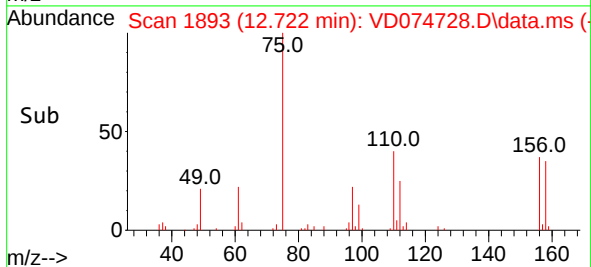
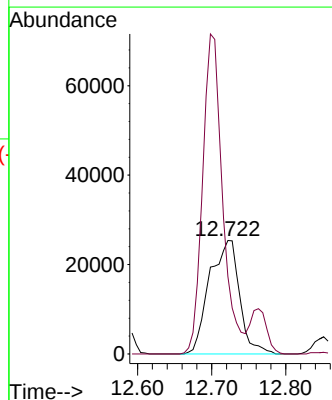
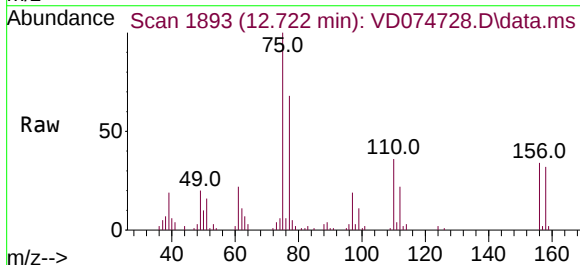
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

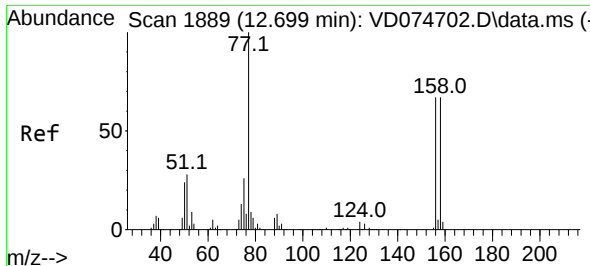
Tgt Ion: 83 Resp: 59220
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 63.7 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 96.960 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 75 Resp: 71595
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

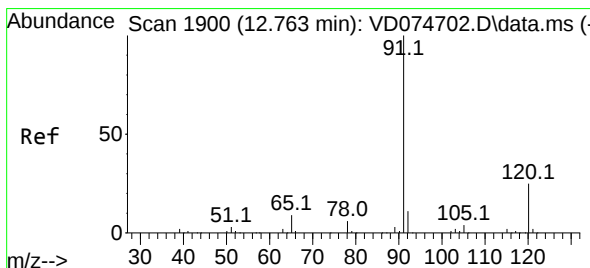
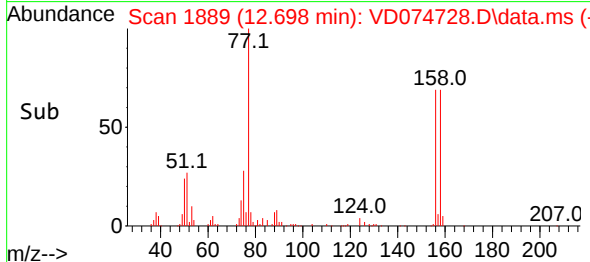
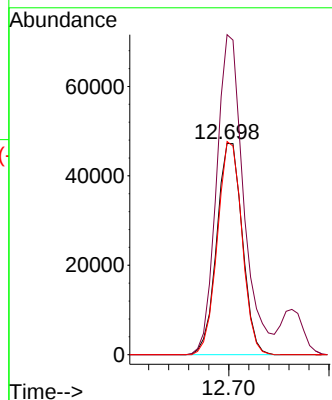
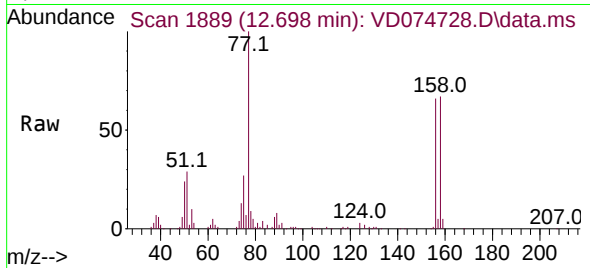




#77
Bromobenzene
Concen: 52.175 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.001 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

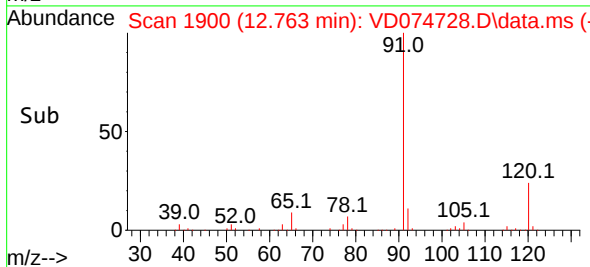
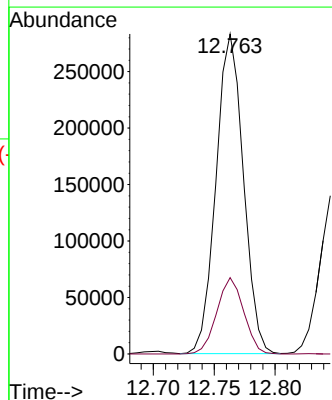
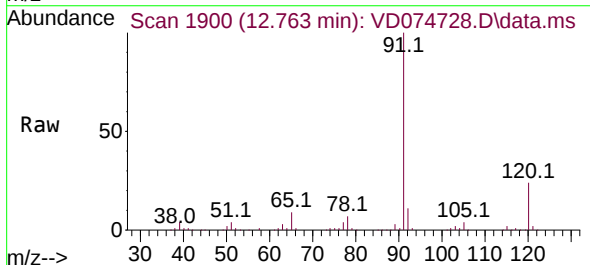
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

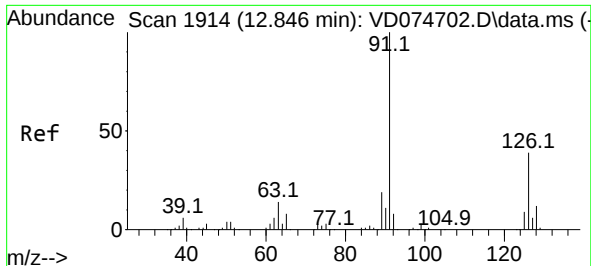
Tgt Ion:156 Resp: 83604
Ion Ratio Lower Upper
156 100
77 160.9 77.7 233.1
158 96.9 49.4 148.2



#78
n-propylbenzene
Concen: 53.071 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 91 Resp: 442444
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.7





#79

2-Chlorotoluene

Concen: 53.045 ug/l

RT: 12.851 min Scan# 1914

Delta R.T. 0.005 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

Instrument :

MSVOA_D

ClientSampleId :

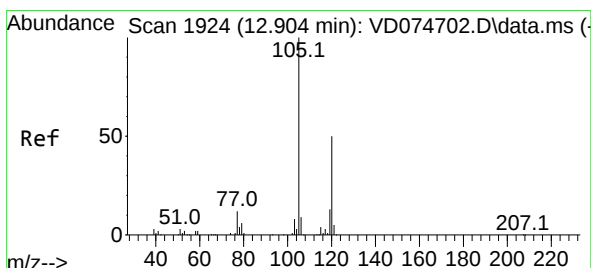
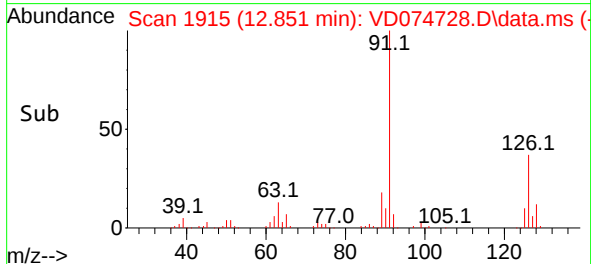
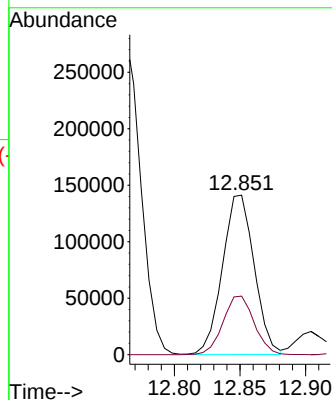
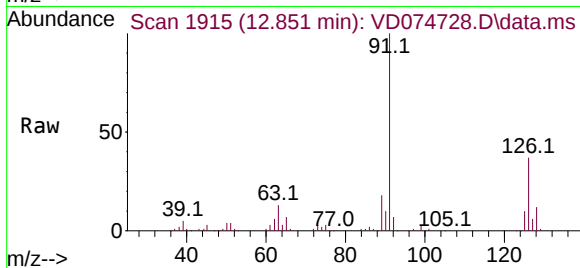
VSTDCCC050

Tgt Ion: 91 Resp: 238124

Ion Ratio Lower Upper

91 100

126 36.1 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 53.224 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD074728.D

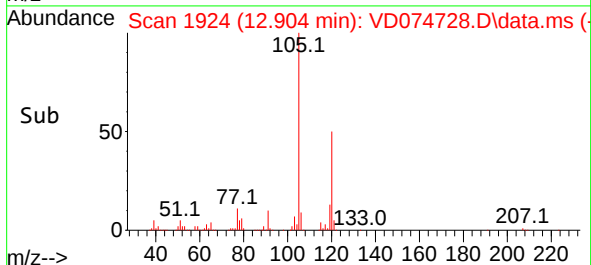
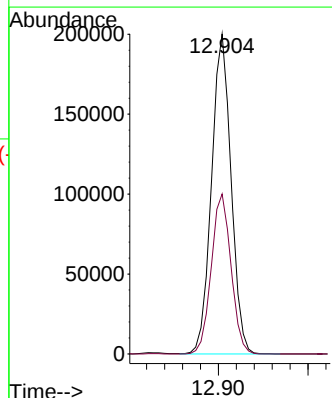
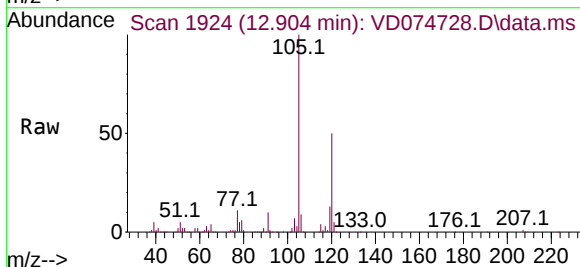
Acq: 04 Nov 2022 10:12

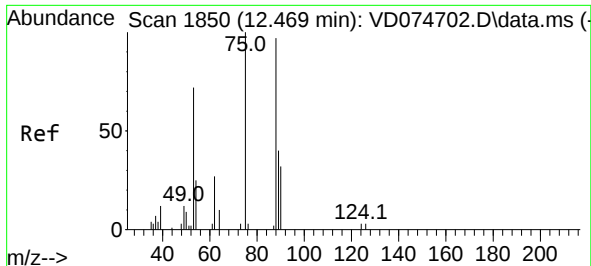
Tgt Ion: 105 Resp: 302189

Ion Ratio Lower Upper

105 100

120 50.5 25.7 77.0

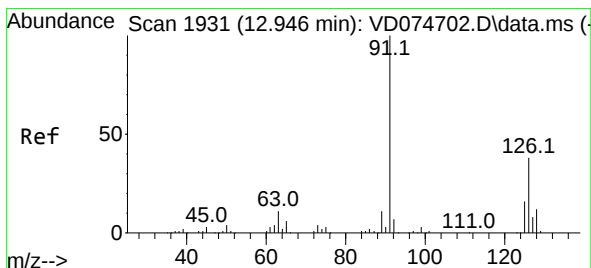
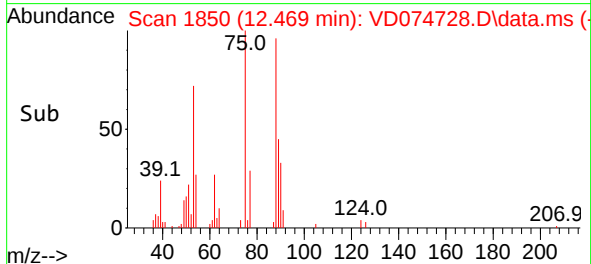
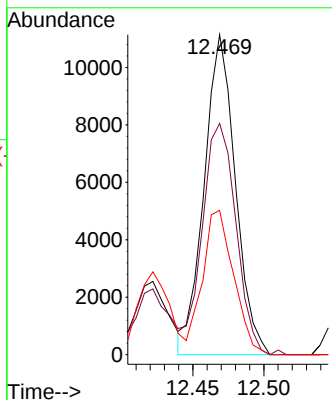
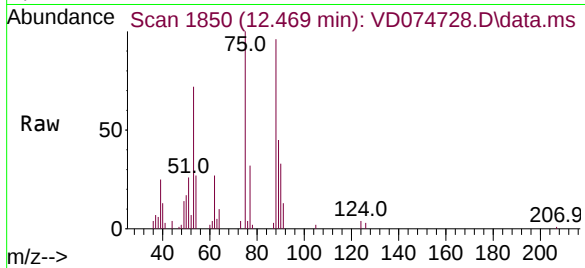




#81
trans-1,4-Dichloro-2-butene
Concen: 54.740 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

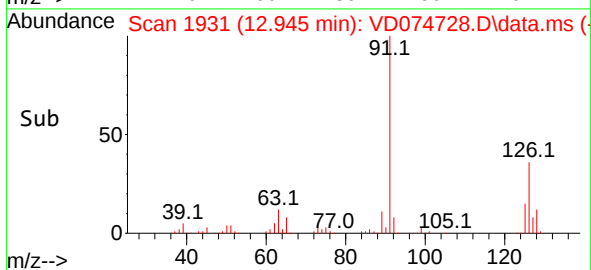
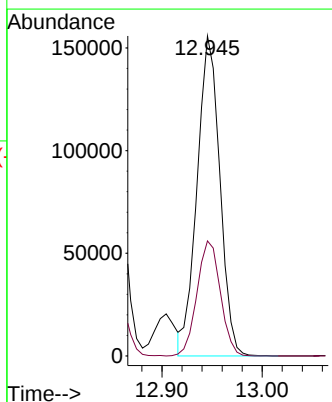
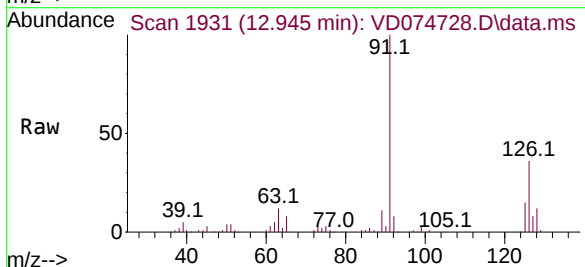
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

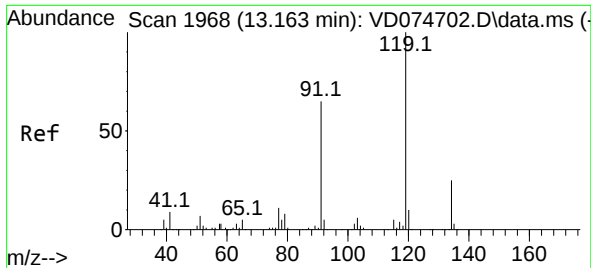
Tgt Ion: 75 Resp: 17028
Ion Ratio Lower Upper
75 100
53 78.4 63.8 95.6
89 45.0 38.2 57.4



#82
4-Chlorotoluene
Concen: 52.726 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.001 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 91 Resp: 246182
Ion Ratio Lower Upper
91 100
126 36.9 18.8 56.4

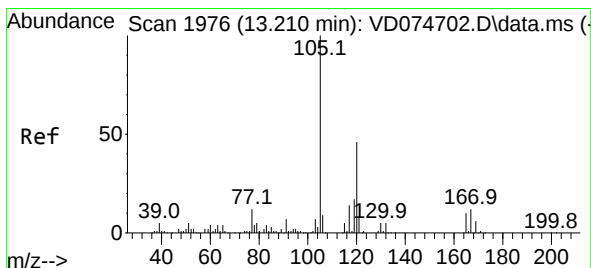
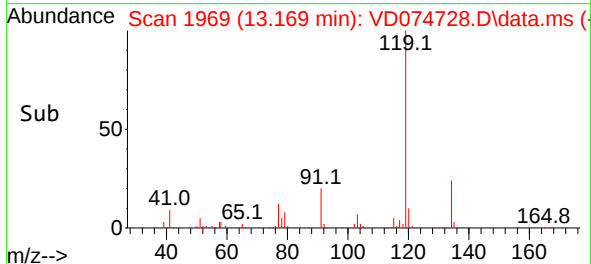
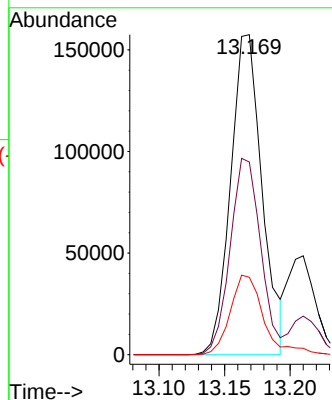
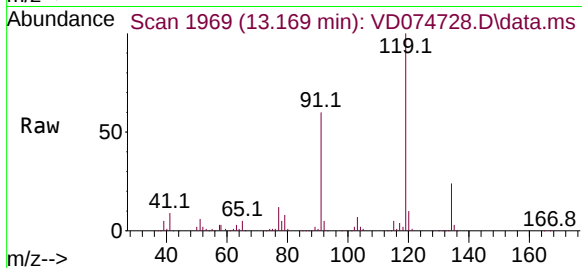




#83
tert-Butylbenzene
Concen: 52.714 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

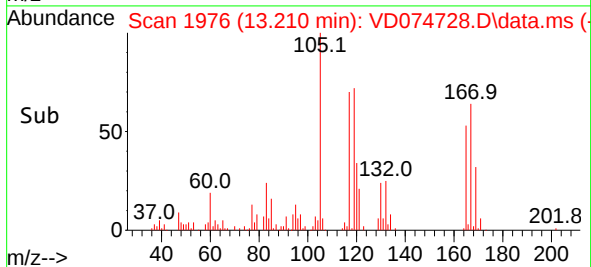
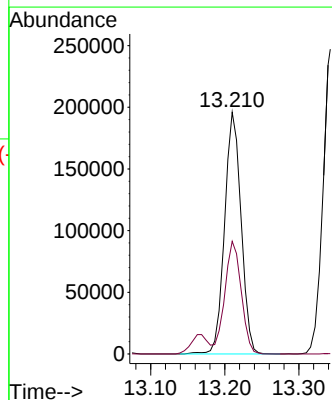
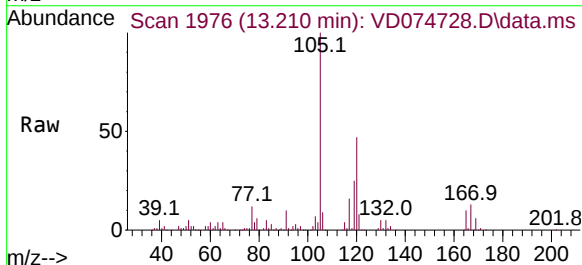
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

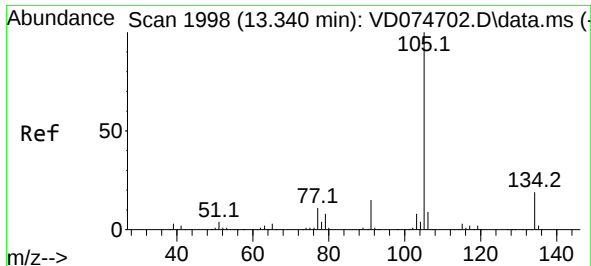
Tgt Ion:119 Resp: 263753
Ion Ratio Lower Upper
119 100
91 59.6 30.0 90.0
134 26.2 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 54.074 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion:105 Resp: 302941
Ion Ratio Lower Upper
105 100
120 46.7 22.9 68.7

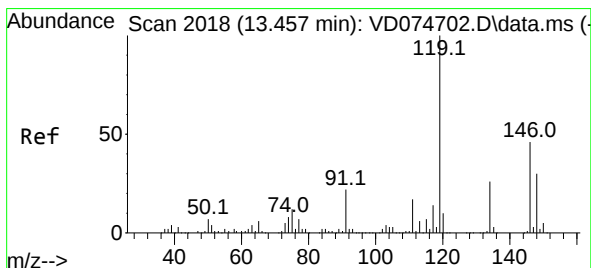
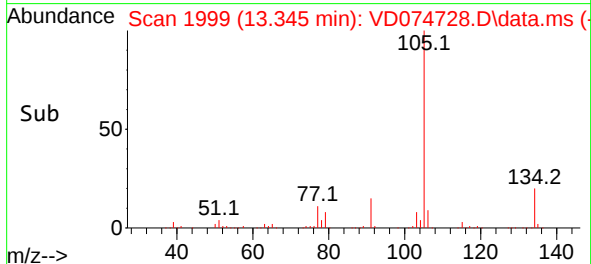
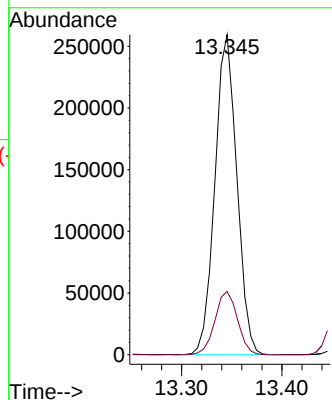
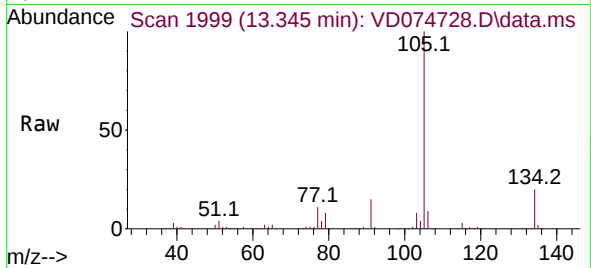




#85
 sec-Butylbenzene
 Concen: 52.183 ug/l
 RT: 13.345 min Scan# 1998
 Delta R.T. 0.005 min
 Lab File: VD074728.D
 Acq: 04 Nov 2022 10:12

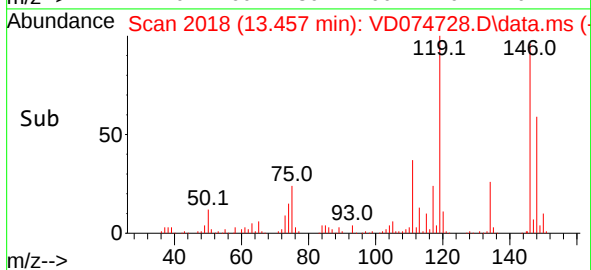
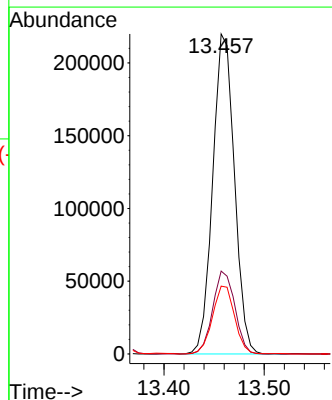
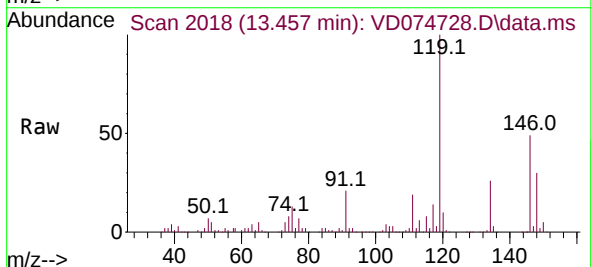
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

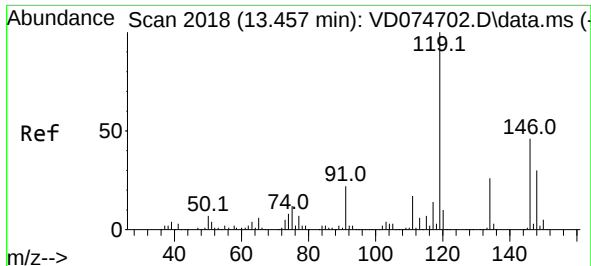
Tgt Ion:105 Resp: 393915
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 52.059 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD074728.D
 Acq: 04 Nov 2022 10:12

Tgt Ion:119 Resp: 330964
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 21.7 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 50.826 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

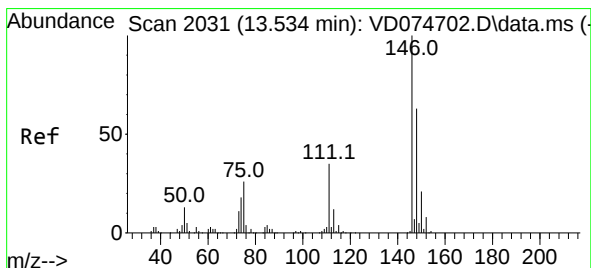
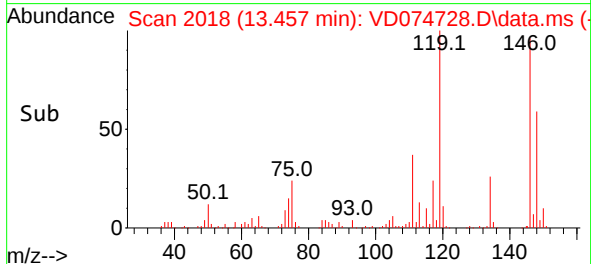
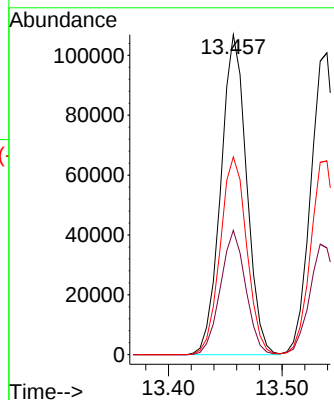
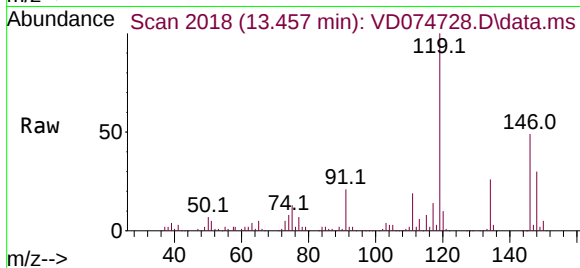
Tgt Ion:146 Resp: 168868

Ion Ratio Lower Upper

146 100

111 38.0 18.3 54.8

148 63.4 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 50.570 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.005 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

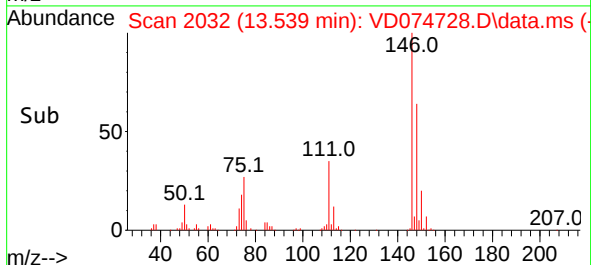
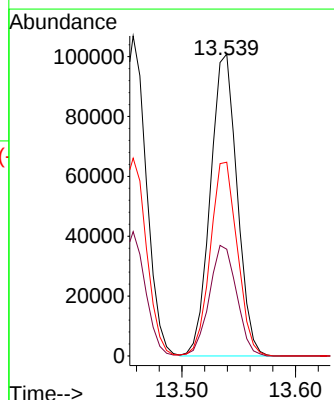
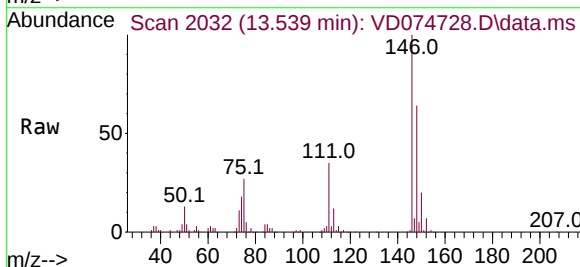
Tgt Ion:146 Resp: 165173

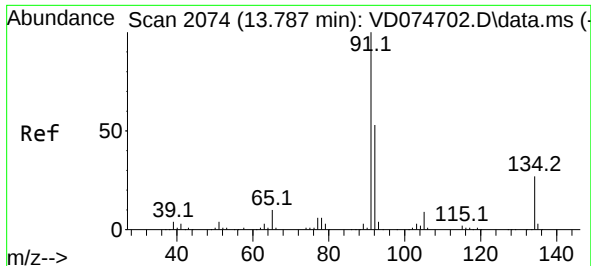
Ion Ratio Lower Upper

146 100

111 37.5 17.7 53.1

148 64.8 32.3 96.9

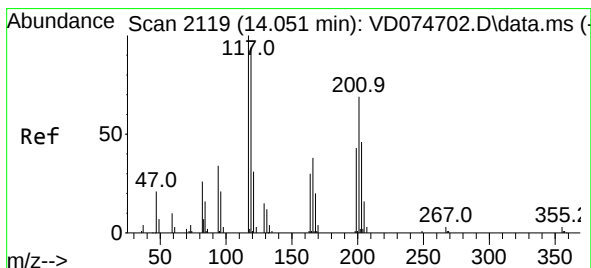
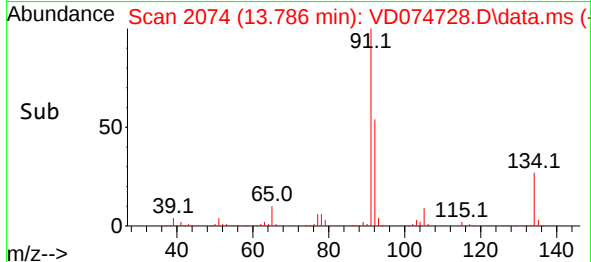
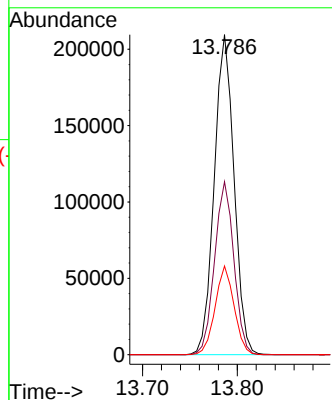
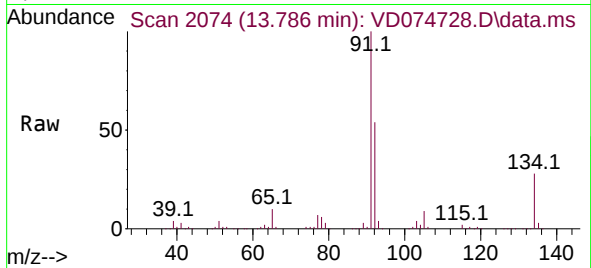




#89
n-Butylbenzene
Concen: 52.324 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.001 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

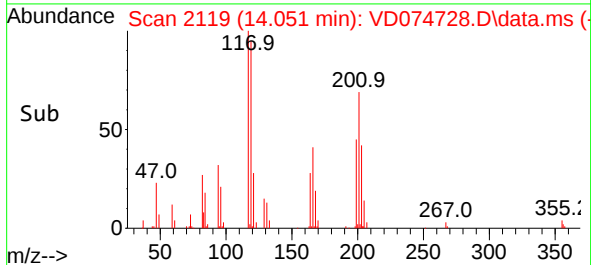
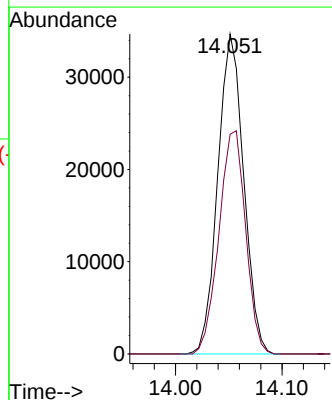
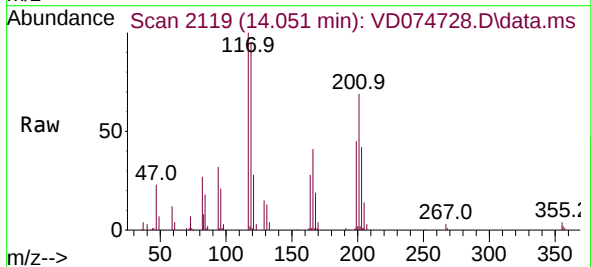
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

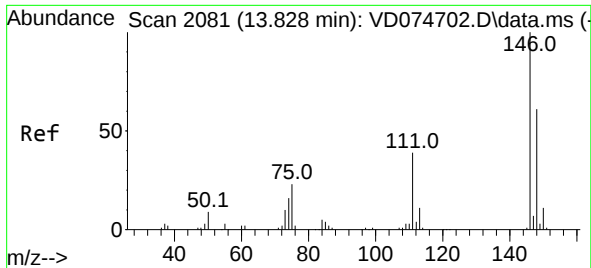
Tgt Ion: 91 Resp: 304234
Ion Ratio Lower Upper
91 100
92 52.7 26.9 80.7
134 26.6 13.4 40.2



#90
Hexachloroethane
Concen: 53.646 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion: 117 Resp: 58473
Ion Ratio Lower Upper
117 100
201 72.0 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 50.552 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

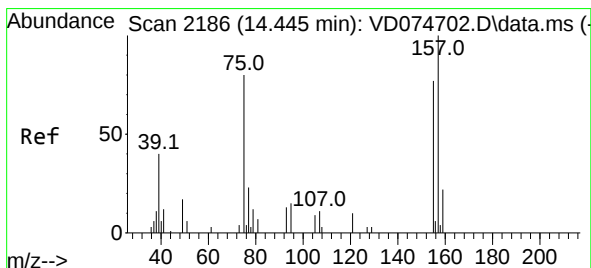
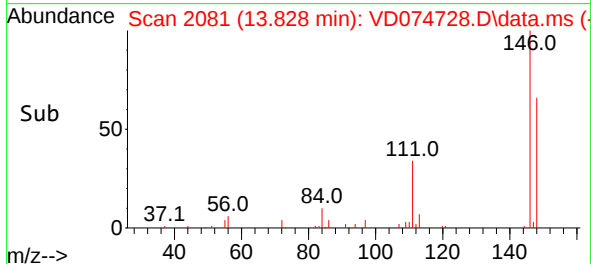
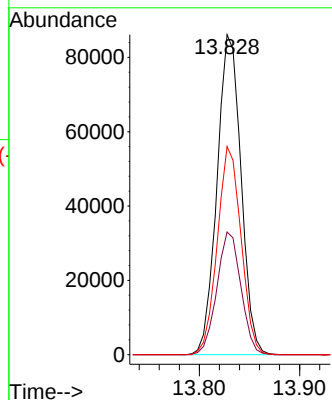
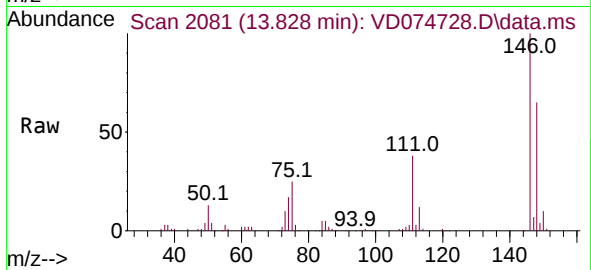
Tgt Ion:146 Resp: 143060

Ion Ratio Lower Upper

146 100

111 38.5 18.9 56.5

148 64.4 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.126 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

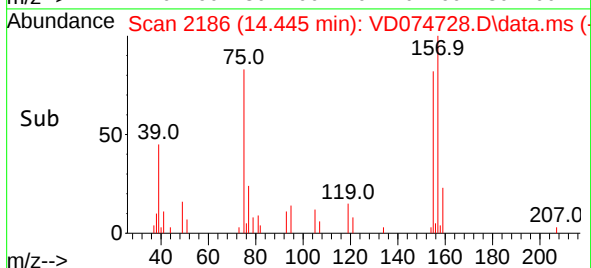
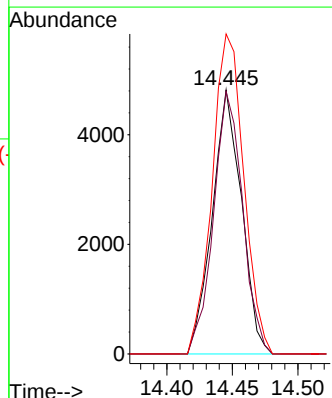
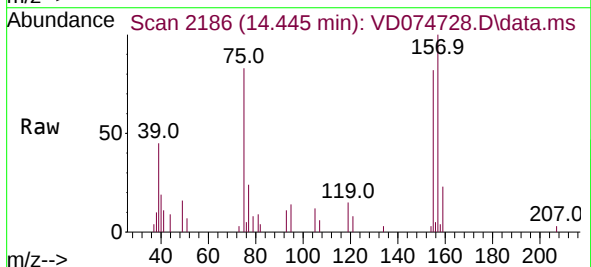
Tgt Ion: 75 Resp: 7456

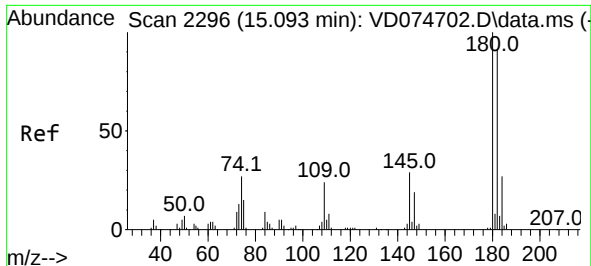
Ion Ratio Lower Upper

75 100

155 99.2 51.2 153.8

157 131.4 68.2 204.5





#93

1,2,4-Trichlorobenzene

Concen: 51.318 ug/l

RT: 15.098 min Scan# 2296

Delta R.T. 0.005 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

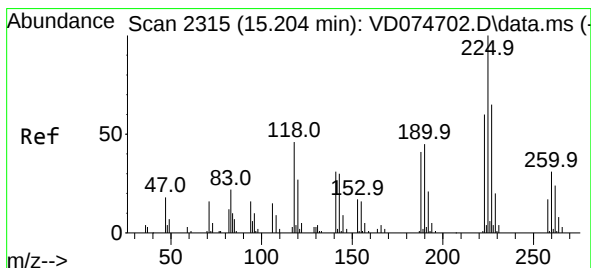
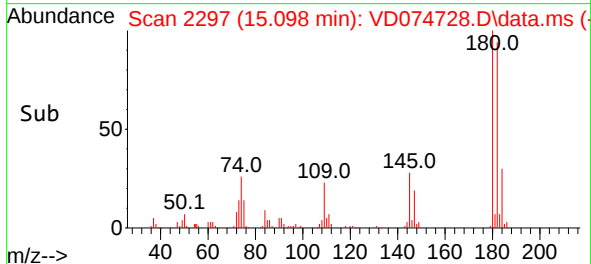
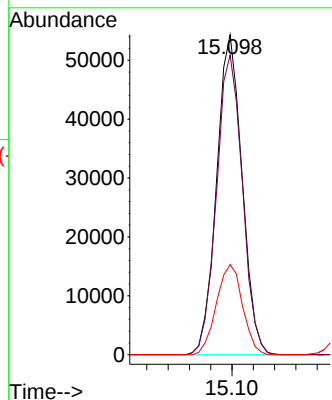
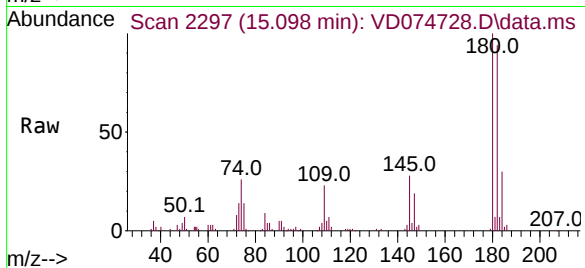
Tgt Ion:180 Resp: 89669

Ion Ratio Lower Upper

180 100

182 95.6 46.9 140.6

145 28.9 14.1 42.3



#94

Hexachlorobutadiene

Concen: 48.355 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD074728.D

Acq: 04 Nov 2022 10:12

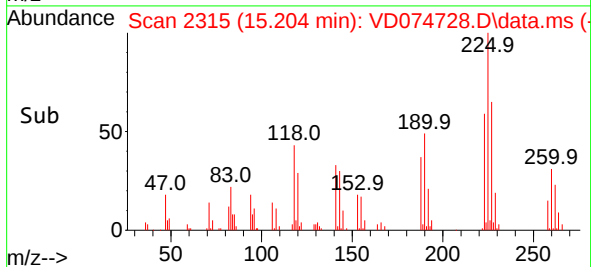
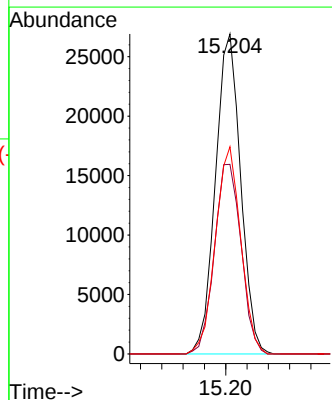
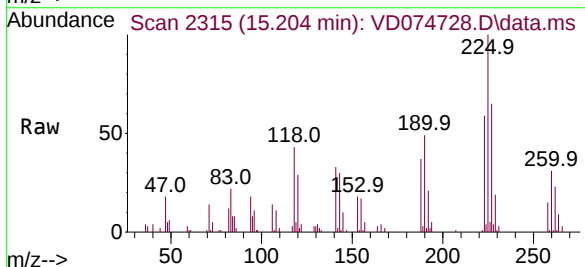
Tgt Ion:225 Resp: 44200

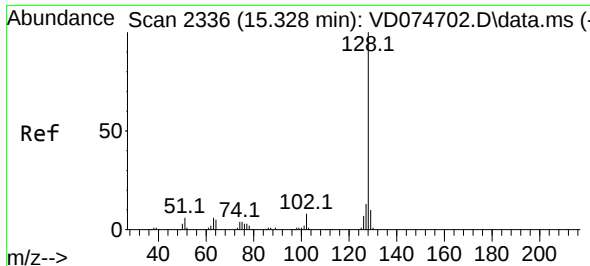
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.5

227 65.1 32.6 97.8

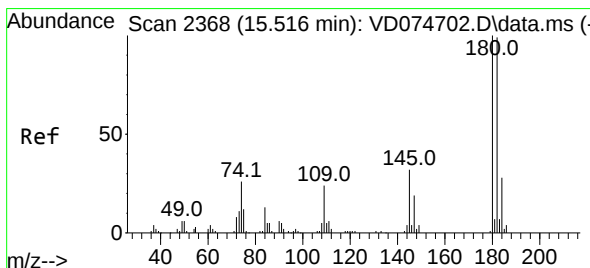
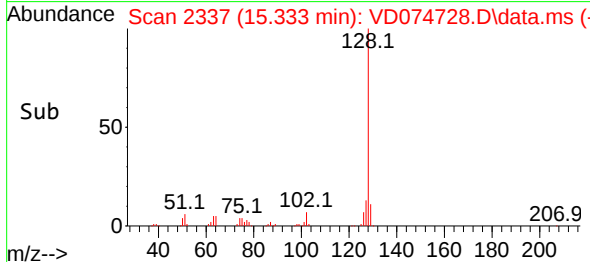
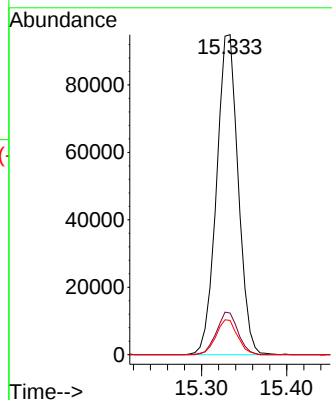
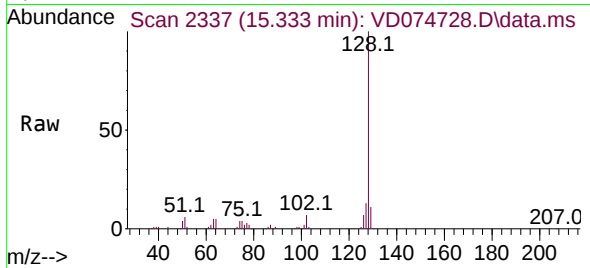




#95
Naphthalene
Concen: 49.956 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.005 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 167660
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.8 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 51.436 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD074728.D
Acq: 04 Nov 2022 10:12

Tgt Ion:180 Resp: 79084
Ion Ratio Lower Upper
180 100
182 92.7 46.7 140.1
145 29.9 14.9 44.7

