

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090922\
 Data File : VD074246.D
 Acq On : 09 Sep 2022 17:24
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 10 02:47:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 02:44:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	124342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	204640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.569	117	186597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.498	152	87344	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	123497	96.719	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 193.440%#	
35) Dibromofluoromethane	7.799	113	130163	95.396	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 190.800%#	
50) Toluene-d8	10.263	98	514284	113.102	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 226.200%#	
62) 4-Bromofluorobenzene	12.557	95	160192	93.533	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 187.060%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	93705	91.463	ug/l	93
3) Chloromethane	2.140	50	83005	111.027	ug/l	97
4) Vinyl Chloride	2.275	62	74992	98.609	ug/l	100
5) Bromomethane	2.658	94	40903	85.719	ug/l	96
6) Chloroethane	2.817	64	43970	91.132	ug/l	96
7) Trichlorofluoromethane	3.158	101	205854	93.370	ug/l	99
8) Diethyl Ether	3.587	74	68345	111.468	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.952	101	134999	100.013	ug/l	99
10) Methyl Iodide	4.152	142	175308	118.422	ug/l	99
11) Tert butyl alcohol	5.063	59	47973	583.137	ug/l	100
12) 1,1-Dichloroethene	3.928	96	130908	107.716	ug/l	98
13) Acrolein	3.793	56	54011	1074.991	ug/l	98
14) Allyl chloride	4.552	41	201121	105.995	ug/l	99
15) Acrylonitrile	5.246	53	163754	568.598	ug/l	97
16) Acetone	4.016	43	121162	492.798	ug/l	99
17) Carbon Disulfide	4.258	76	367007	105.503	ug/l	99
18) Methyl Acetate	4.558	43	80804	104.493	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	321181	108.700	ug/l	96
20) Methylene Chloride	4.793	84	147781	78.589	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	146748	104.107	ug/l	98
22) Diisopropyl ether	6.216	45	439455	110.926	ug/l	97
23) Vinyl Acetate	6.152	43	1161062	581.461	ug/l	99
24) 1,1-Dichloroethane	6.105	63	273472	105.710	ug/l	96
25) 2-Butanone	7.075	43	204890	536.773	ug/l	98
26) 2,2-Dichloropropane	7.069	77	232116	100.233	ug/l	99
27) cis-1,2-Dichloroethene	7.069	96	170232	106.394	ug/l	97
28) Bromochloromethane	7.422	49	88701	110.761	ug/l	99
29) Tetrahydrofuran	7.440	42	132655	576.761	ug/l	99
30) Chloroform	7.593	83	268919	99.897	ug/l	93
31) Cyclohexane	7.869	56	234702	105.129	ug/l	96
32) 1,1,1-Trichloroethane	7.787	97	235908	95.009	ug/l	100
36) 1,1-Dichloropropene	7.999	75	210951	103.937	ug/l	99
37) Ethyl Acetate	7.169	43	93094	113.141	ug/l	99
38) Carbon Tetrachloride	7.987	117	201159	93.860	ug/l	98
39) Methylcyclohexane	9.263	83	257214	110.662	ug/l	99
40) Benzene	8.240	78	595778	103.572	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	57328	114.323	ug/l	96
42) 1,2-Dichloroethane	8.316	62	155193	92.692	ug/l	99
43) Isopropyl Acetate	8.357	43	180422	108.846	ug/l	99
44) Trichloroethene	9.022	130	162001	97.448	ug/l	97
45) 1,2-Dichloropropane	9.299	63	154979	106.791	ug/l	98
46) Dibromomethane	9.387	93	80036	100.040	ug/l	99
47) Bromodichloromethane	9.575	83	202896	97.751	ug/l	97
48) Methyl methacrylate	9.375	41	84833	111.916	ug/l	99
49) 1,4-Dioxane	9.375	88	20886	2236.797	ug/l	99
51) 4-Methyl-2-Pentanone	10.151	43	469026	567.071	ug/l	100
52) Toluene	10.328	92	379812	100.967	ug/l	99
53) t-1,3-Dichloropropene	10.546	75	199308	105.313	ug/l	96
54) cis-1,3-Dichloropropene	10.010	75	241500	107.501	ug/l	99
55) 1,1,2-Trichloroethane	10.722	97	113162	102.277	ug/l	96
56) Ethyl methacrylate	10.587	69	153279	119.473	ug/l	97
57) 1,3-Dichloropropane	10.869	76	195768	105.792	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.863	63	131417	359.977	ug/l	100
59) 2-Hexanone	10.910	43	321285	576.354	ug/l	99
60) Dibromochloromethane	11.063	129	136564	96.730	ug/l	99
61) 1,2-Dibromoethane	11.169	107	106669	99.986	ug/l	99
64) Tetrachloroethene	10.798	164	130926	97.469	ug/l	95
65) Chlorobenzene	11.593	112	401536	99.509	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.669	131	145575	96.465	ug/l	100
67) Ethyl Benzene	11.669	91	756772	108.999	ug/l	100
68) m/p-Xylenes	11.781	106	572654	209.466	ug/l	100
69) o-Xylene	12.104	106	272585	107.399	ug/l	99
70) Styrene	12.122	104	456424	105.222	ug/l	99
71) Bromoform	12.287	173	80812	97.570	ug/l #	100
73) Isopropylbenzene	12.404	105	720954	113.545	ug/l	100
74) N-amyl acetate	12.216	43	174768	123.097	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.657	83	130928	113.200	ug/l	100
76) 1,2,3-Trichloropropane	12.710	75	158732	180.885	ug/l #	100
77) Bromobenzene	12.687	156	161380	107.604	ug/l	97
78) n-propylbenzene	12.745	91	877452	112.964	ug/l	99
79) 2-Chlorotoluene	12.834	91	476892	107.007	ug/l	100
80) 1,3,5-Trimethylbenzene	12.887	105	586822	108.533	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.451	75	38675	116.074	ug/l #	100
82) 4-Chlorotoluene	12.934	91	475894	101.669	ug/l	98
83) tert-Butylbenzene	13.151	119	519357	112.697	ug/l	99
84) 1,2,4-Trimethylbenzene	13.192	105	578430	109.659	ug/l	99
85) sec-Butylbenzene	13.328	105	776943	111.791	ug/l	99
86) p-Isopropyltoluene	13.440	119	641470	112.362	ug/l	99
87) 1,3-Dichlorobenzene	13.440	146	316022	104.425	ug/l	98
88) 1,4-Dichlorobenzene	13.522	146	309905	101.632	ug/l	99
89) n-Butylbenzene	13.769	91	629607	115.287	ug/l	99
90) Hexachloroethane	14.034	117	119085	103.056	ug/l	99
91) 1,2-Dichlorobenzene	13.810	146	272271	102.910	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.428	75	19614	105.800	ug/l	93
93) 1,2,4-Trichlorobenzene	15.075	180	191364	116.597	ug/l	99
94) Hexachlorobutadiene	15.181	225	109954	118.507	ug/l	98
95) Naphthalene	15.310	128	370323	123.948	ug/l	99
96) 1,2,3-Trichlorobenzene	15.498	180	163443	113.909	ug/l	99

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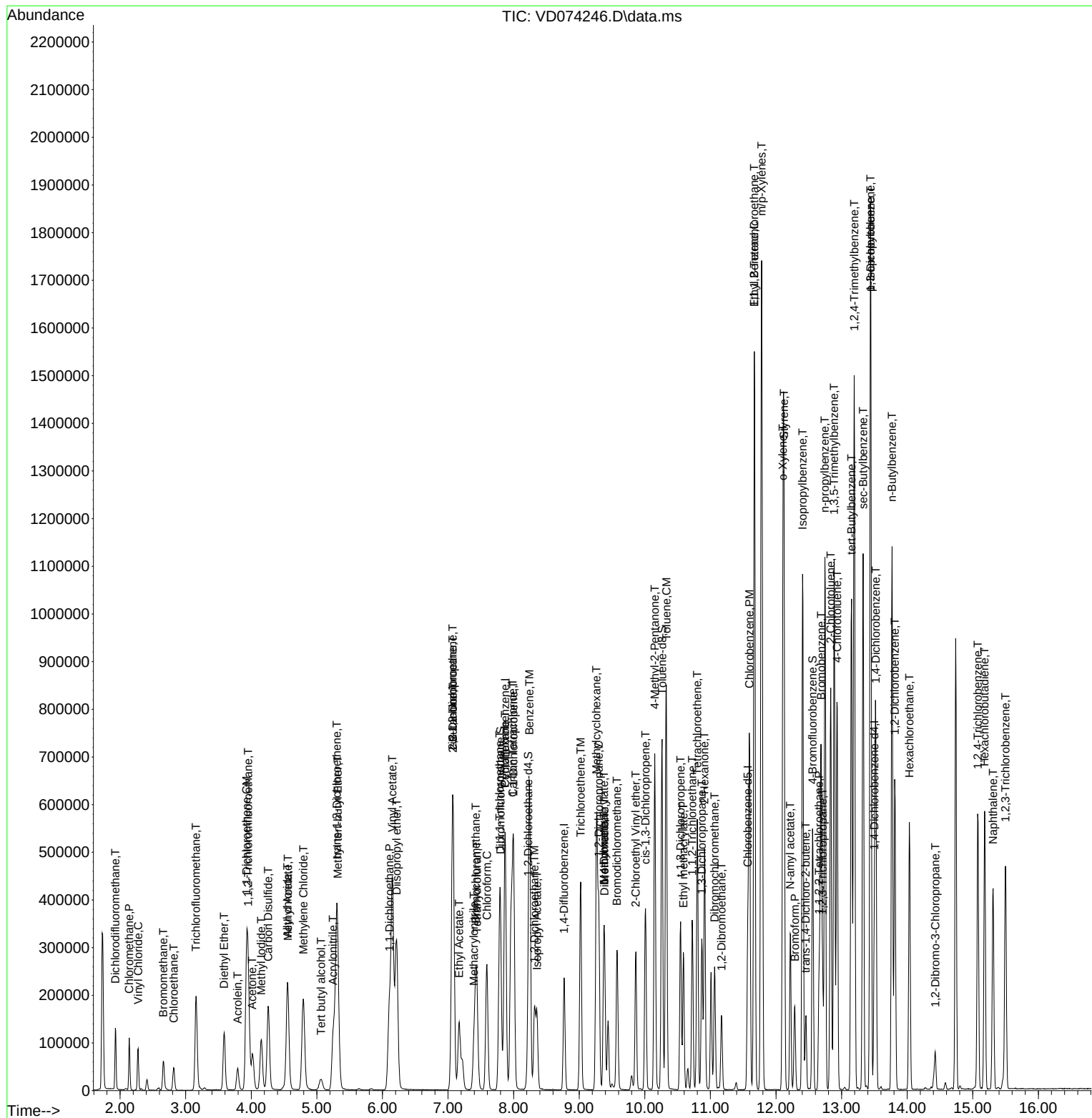
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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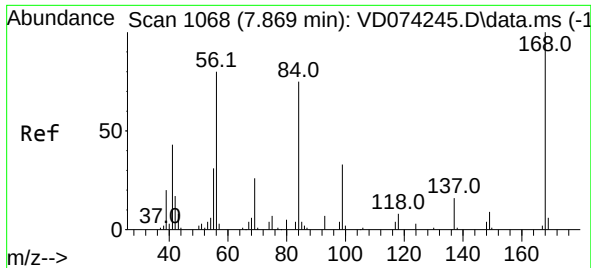
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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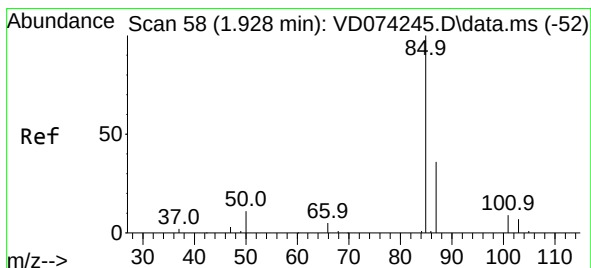
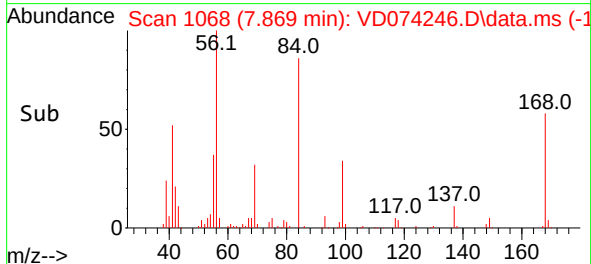
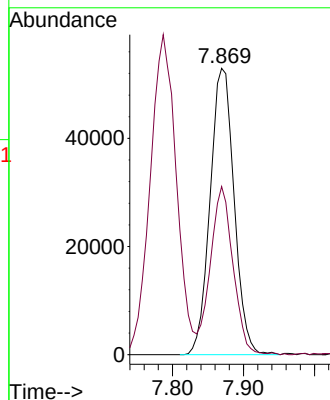
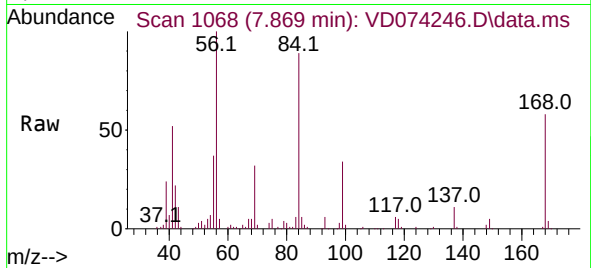




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD074246.D
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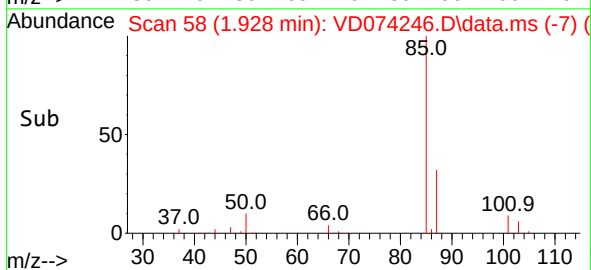
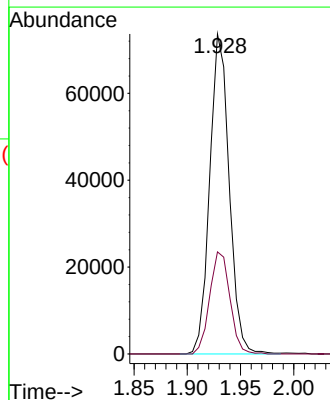
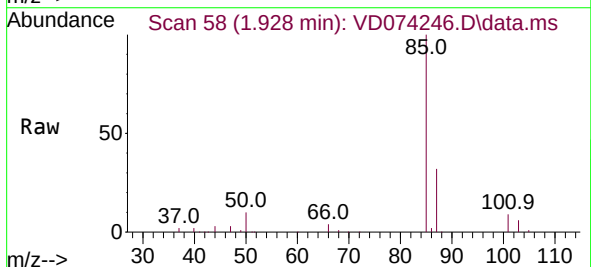
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

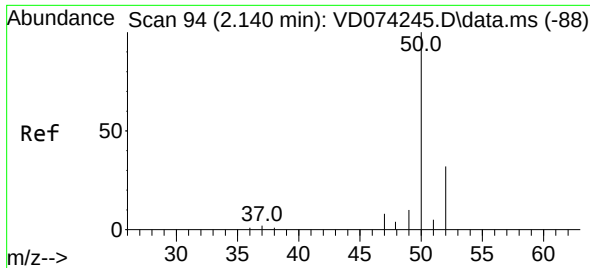
Tgt Ion:168 Resp: 124342
Ion Ratio Lower Upper
168 100
99 58.7 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 91.463 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 85 Resp: 93705
Ion Ratio Lower Upper
85 100
87 31.9 17.9 53.7

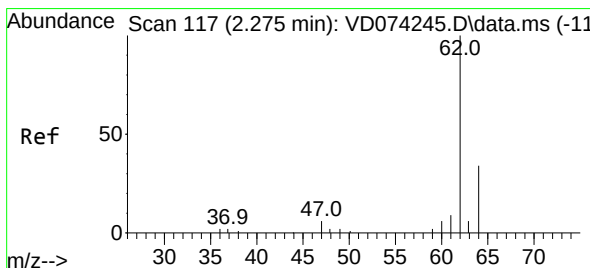
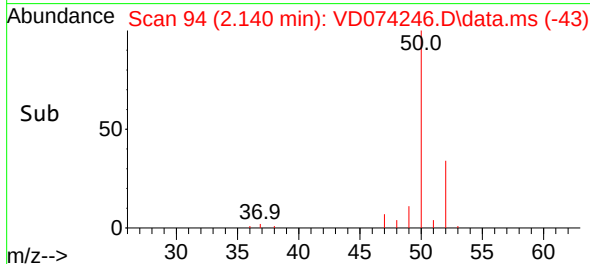
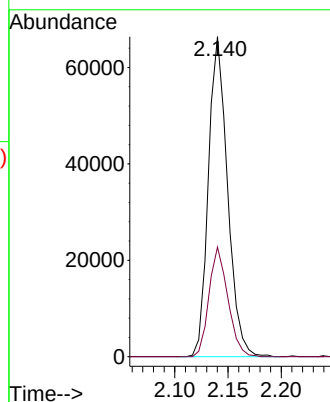
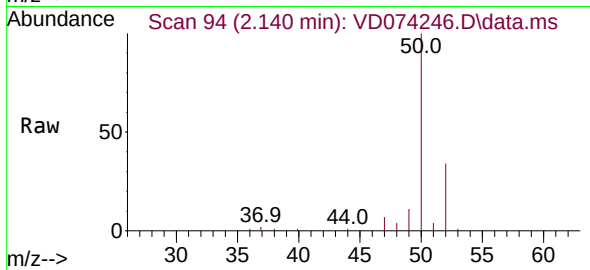




#3
Chloromethane
Concen: 111.027 ug/l
RT: 2.140 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

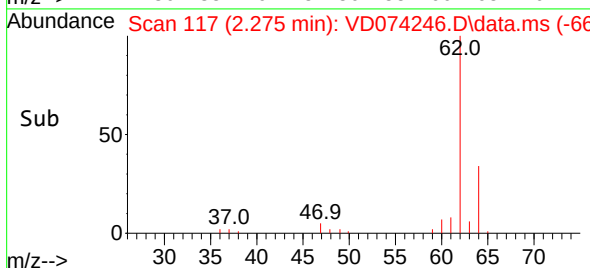
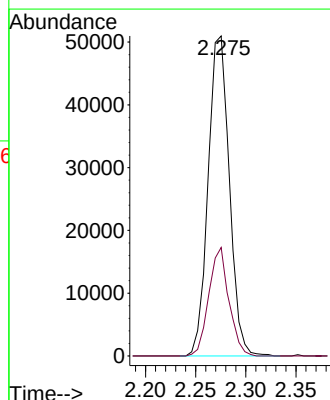
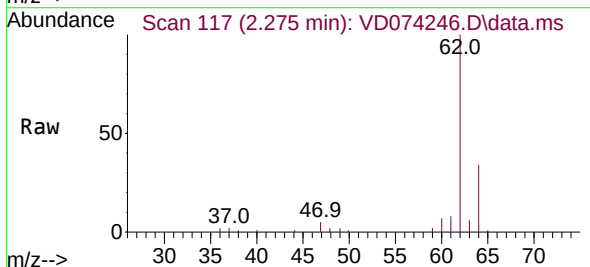
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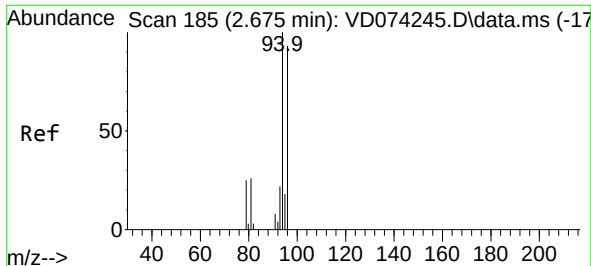
Tgt Ion: 50 Resp: 83005
Ion Ratio Lower Upper
50 100
52 34.3 25.8 38.8



#4
Vinyl Chloride
Concen: 98.609 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 62 Resp: 74992
Ion Ratio Lower Upper
62 100
64 33.9 27.0 40.4

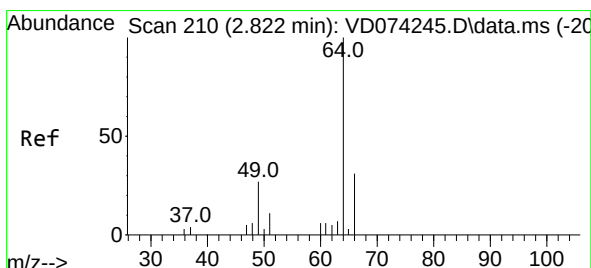
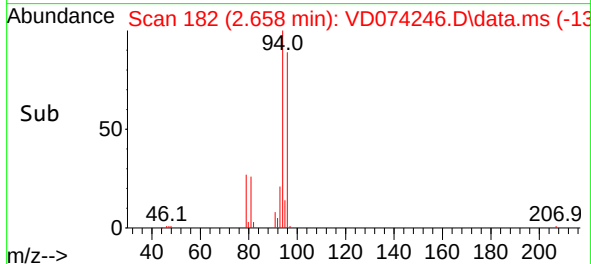
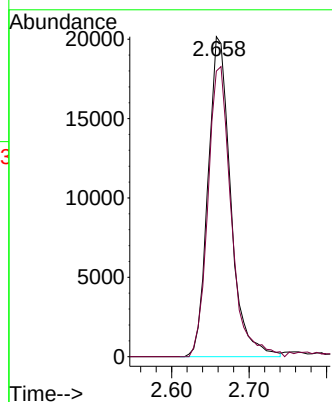
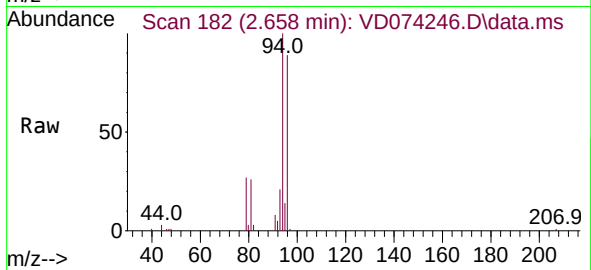




#5
Bromomethane
Concen: 85.719 ug/l
RT: 2.658 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD074246.D
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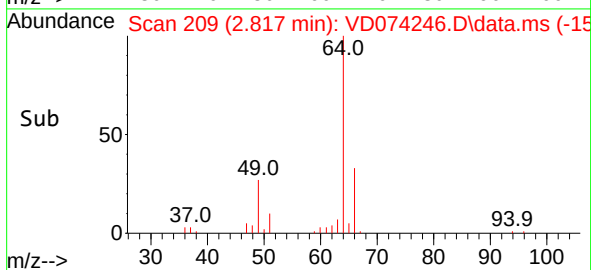
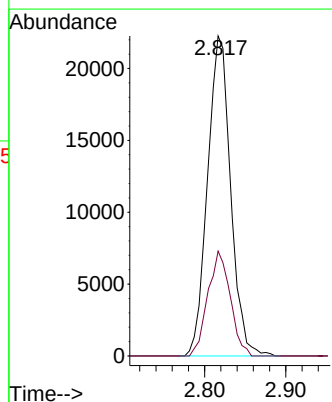
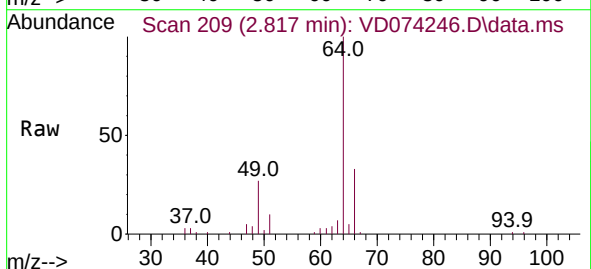
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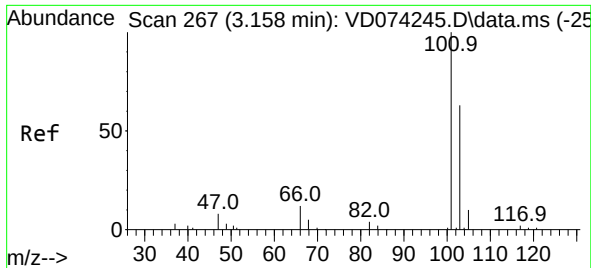
Tgt Ion: 94 Resp: 40903
Ion Ratio Lower Upper
94 100
96 89.2 74.6 112.0



#6
Chloroethane
Concen: 91.132 ug/l
RT: 2.817 min Scan# 209
Delta R.T. -0.006 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 64 Resp: 43970
Ion Ratio Lower Upper
64 100
66 32.7 24.6 36.8

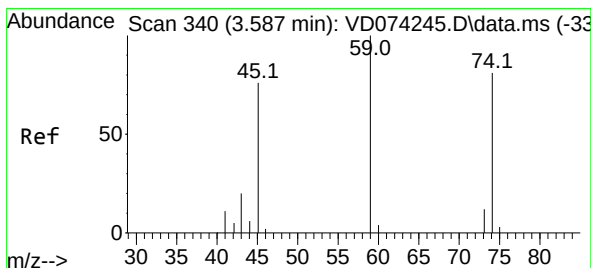
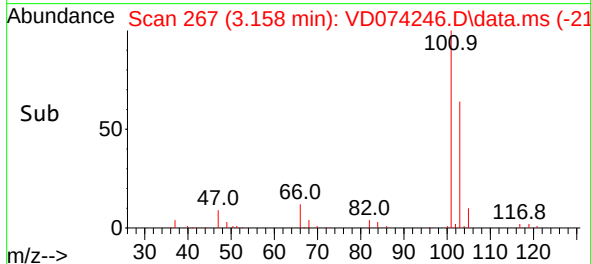
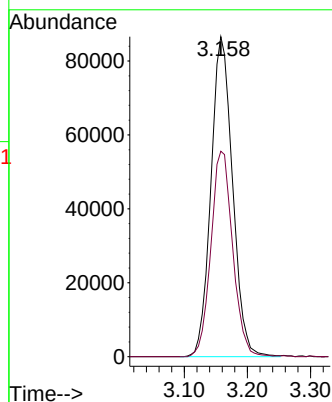
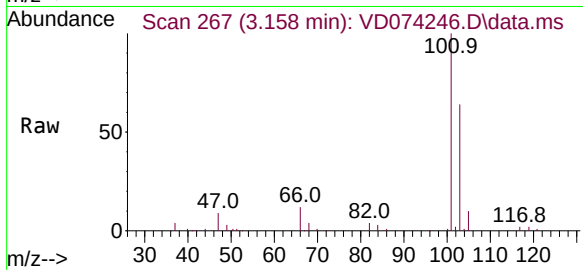




#7
 Trichlorofluoromethane
 Concen: 93.370 ug/l
 RT: 3.158 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074246.D
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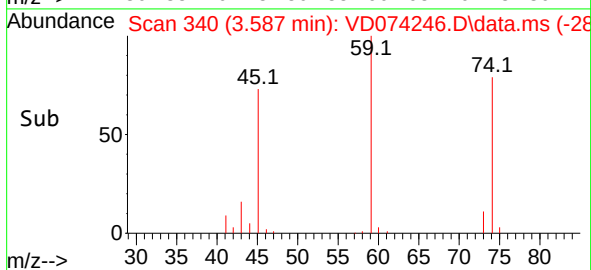
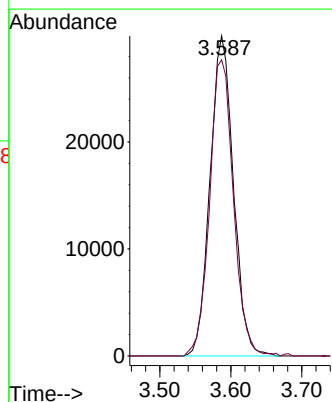
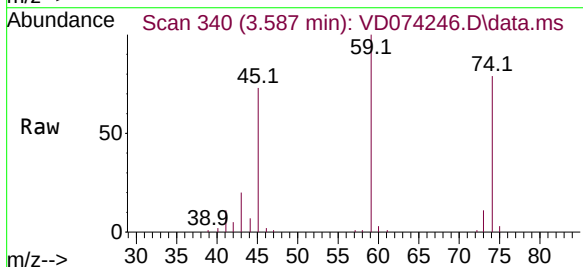
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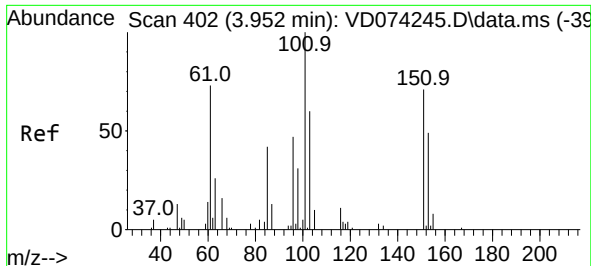
Tgt Ion:101 Resp: 205854
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.6 76.0



#8
 Diethyl Ether
 Concen: 111.468 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 68345
 Ion Ratio Lower Upper
 74 100
 45 94.3 47.9 143.6

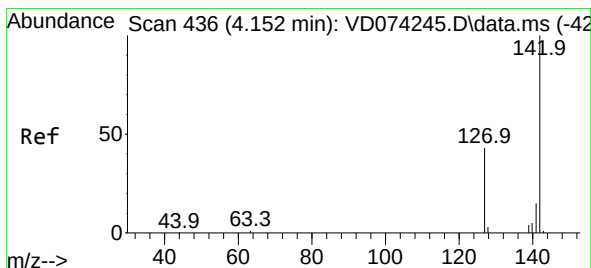
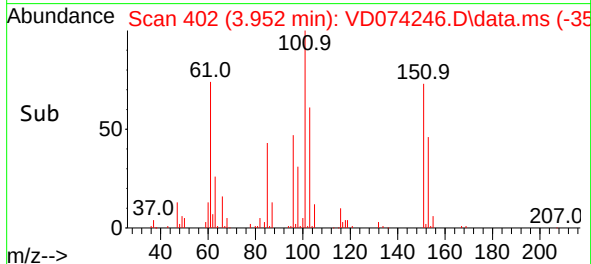
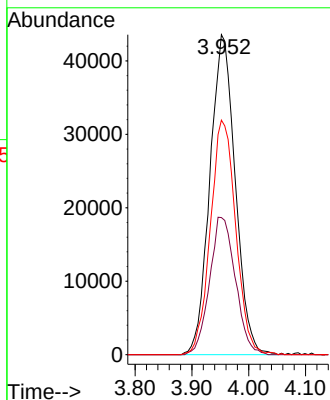
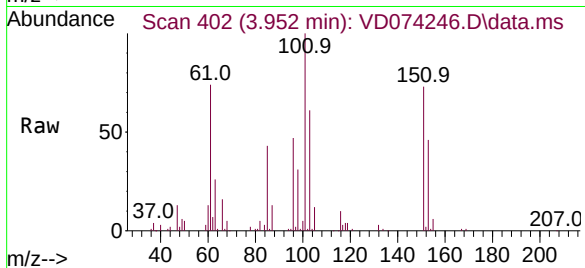




#9
1,1,2-Trichlorotrifluoroethane
Concen: 100.013 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

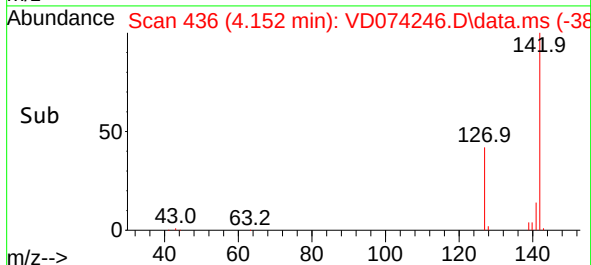
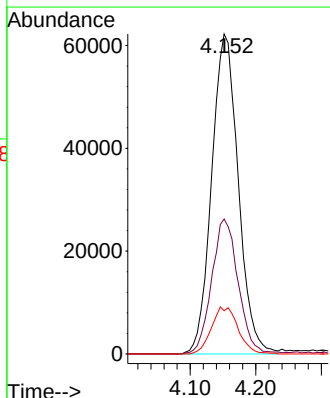
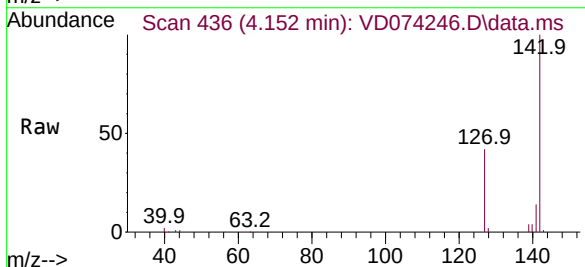
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

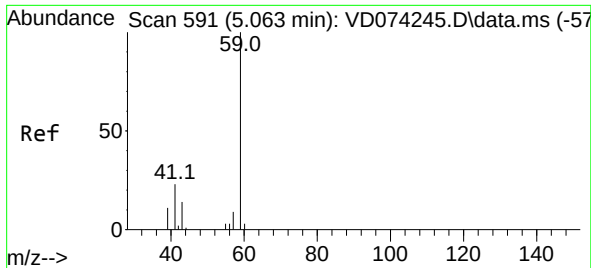
Tgt Ion:101 Resp: 134999
Ion Ratio Lower Upper
101 100
85 43.7 35.0 52.4
151 73.4 59.7 89.5



#10
Methyl Iodide
Concen: 118.422 ug/l
RT: 4.152 min Scan# 436
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion:142 Resp: 175308
Ion Ratio Lower Upper
142 100
127 42.1 34.6 51.8
141 14.7 11.7 17.5

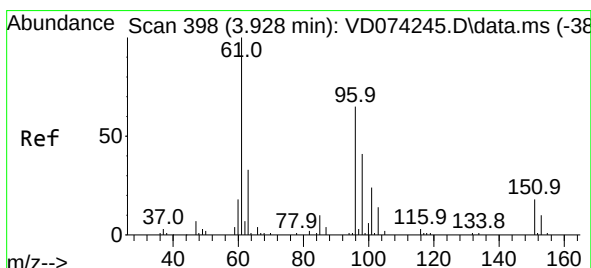
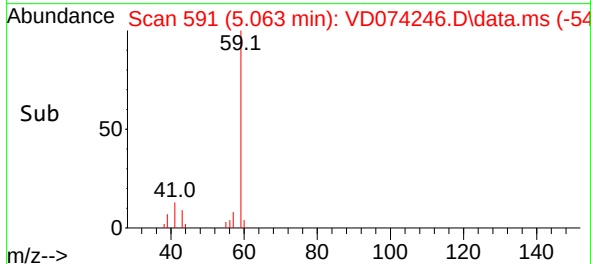
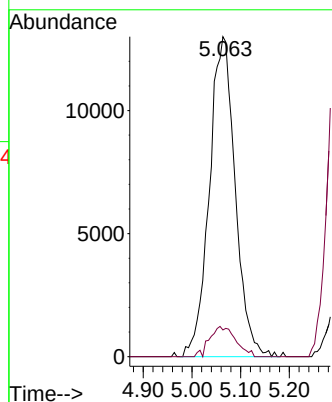
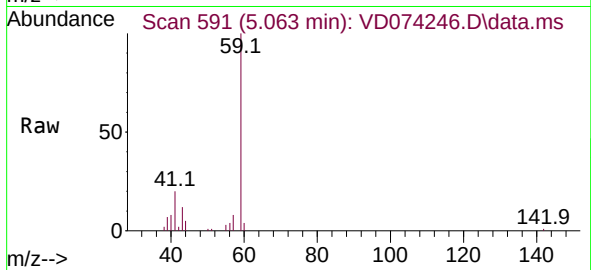




#11
Tert butyl alcohol
Concen: 583.137 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

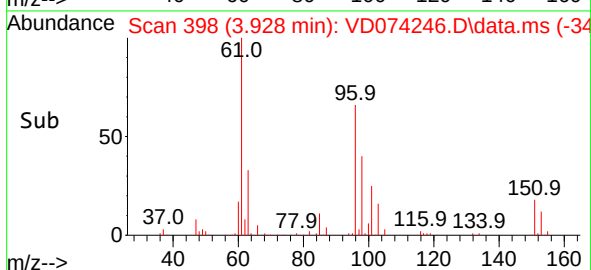
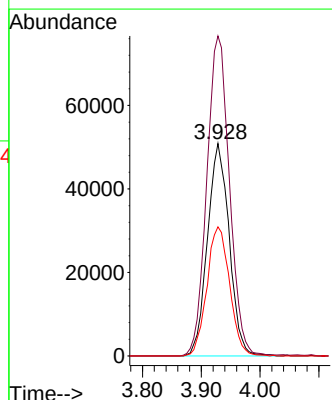
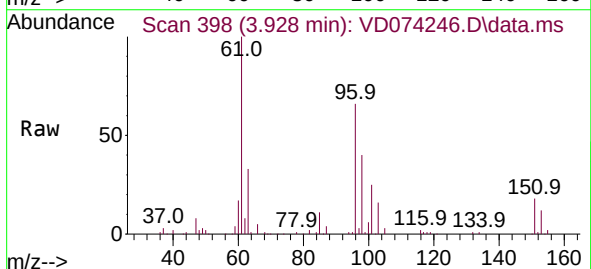
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

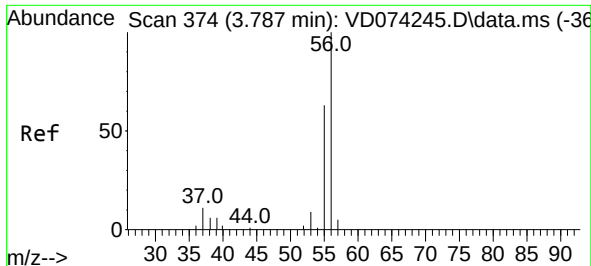
Tgt Ion: 59 Resp: 47973
Ion Ratio Lower Upper
59 100
57 9.5 7.7 11.5



#12
1,1-Dichloroethene
Concen: 107.716 ug/l
RT: 3.928 min Scan# 398
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 96 Resp: 130908
Ion Ratio Lower Upper
96 100
61 150.5 122.3 183.5
98 60.8 50.7 76.1





#13

Acrolein

Concen: 1074.991 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

Instrument :

MSVOA_D

ClientSampleId :

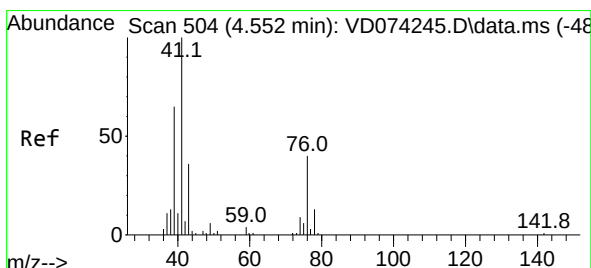
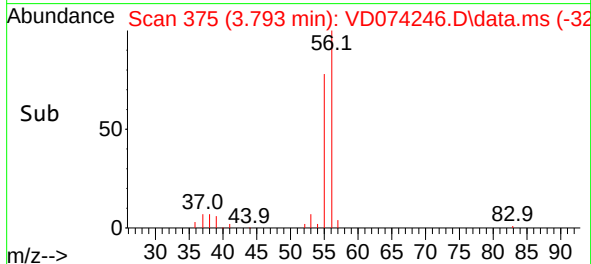
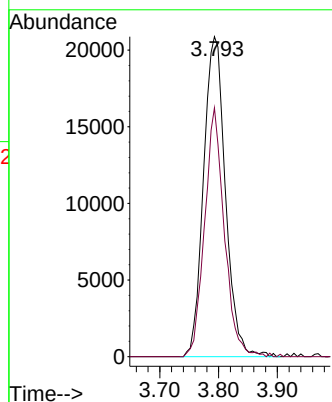
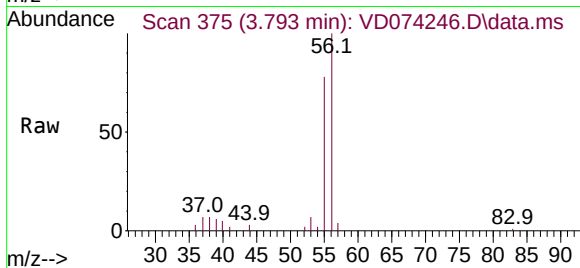
VSTDICC100

Tgt Ion: 56 Resp: 54011

Ion Ratio Lower Upper

56 100

55 70.0 57.4 86.2



#14

Allyl chloride

Concen: 105.995 ug/l

RT: 4.552 min Scan# 504

Delta R.T. 0.000 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

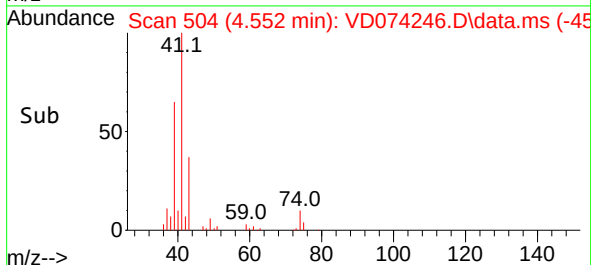
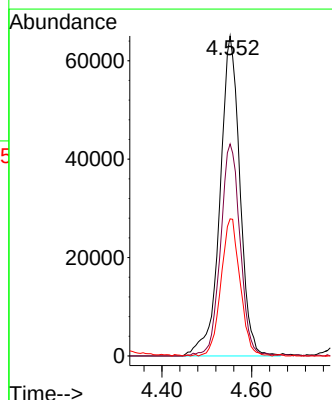
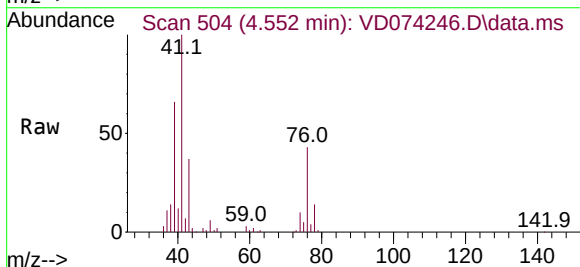
Tgt Ion: 41 Resp: 201121

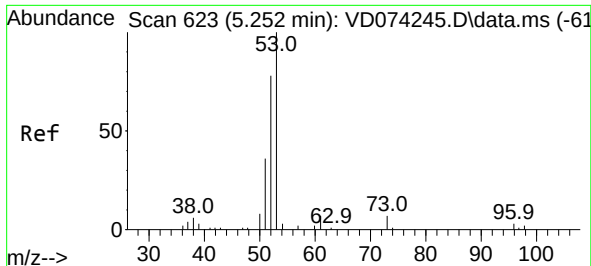
Ion Ratio Lower Upper

41 100

39 65.0 52.8 79.2

76 41.0 32.9 49.3

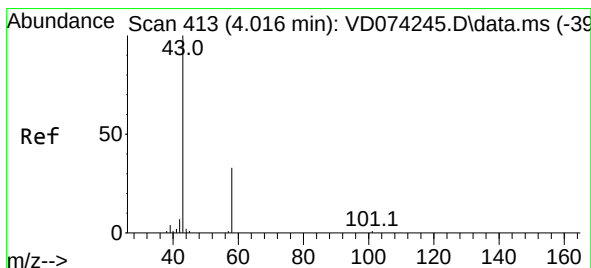
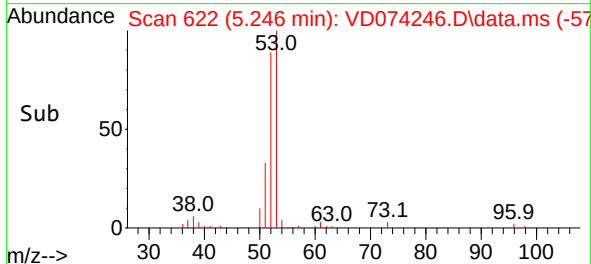
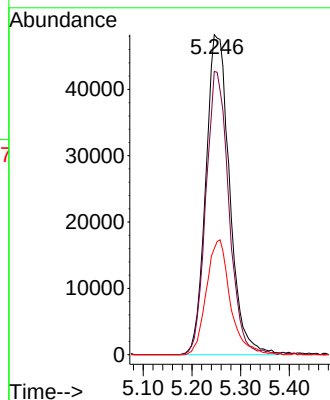
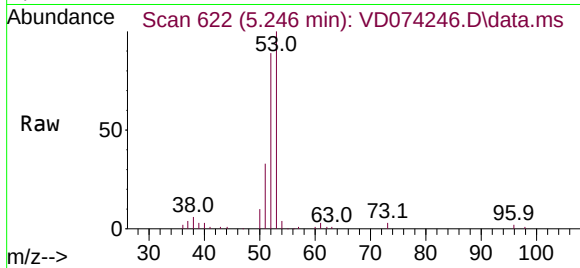




#15
Acrylonitrile
Concen: 568.598 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

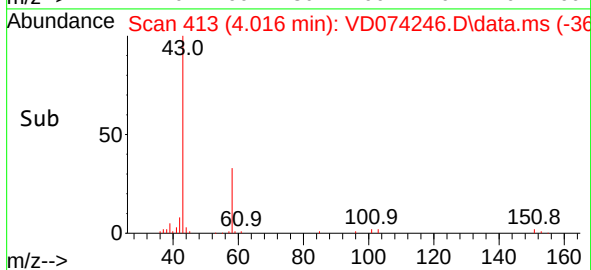
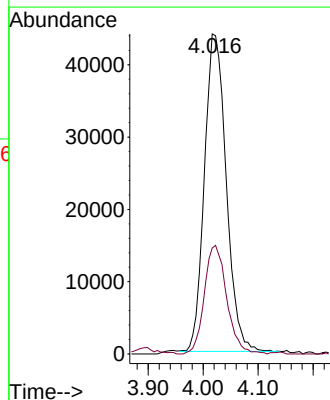
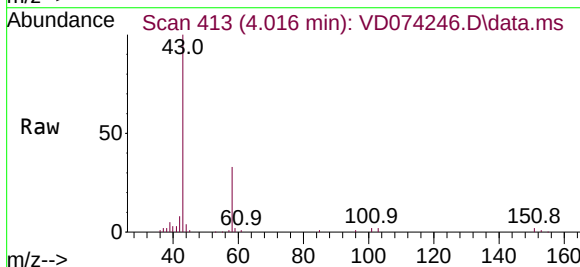
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

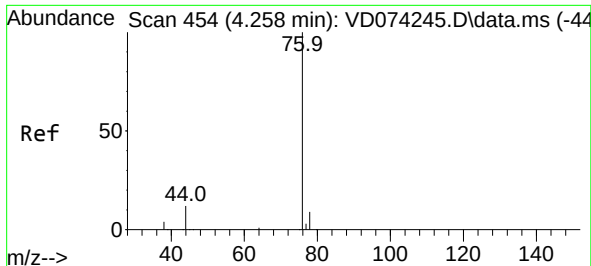
Tgt Ion: 53 Resp: 163754
Ion Ratio Lower Upper
53 100
52 85.4 65.3 97.9
51 35.9 29.0 43.6



#16
Acetone
Concen: 492.798 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 43 Resp: 121162
Ion Ratio Lower Upper
43 100
58 33.3 26.4 39.6

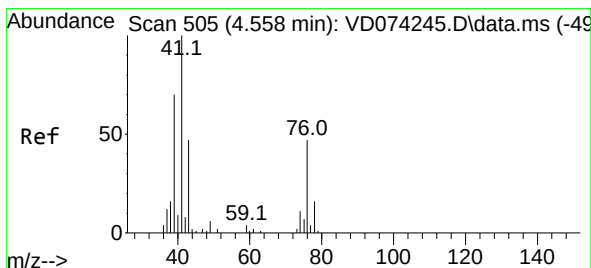
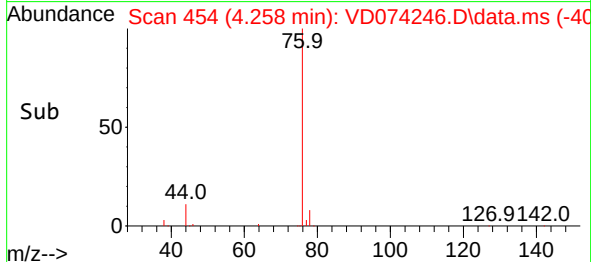
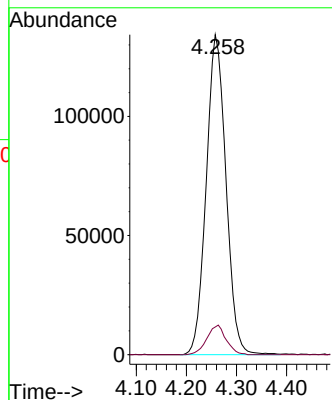
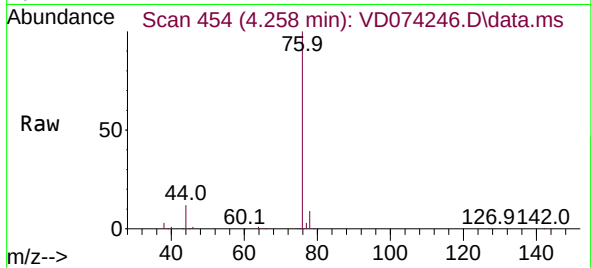




#17
Carbon Disulfide
Concen: 105.503 ug/l
RT: 4.258 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

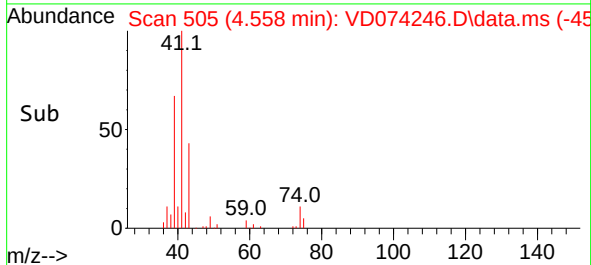
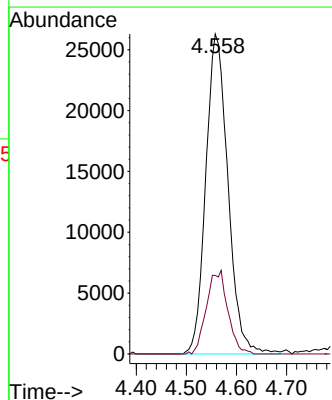
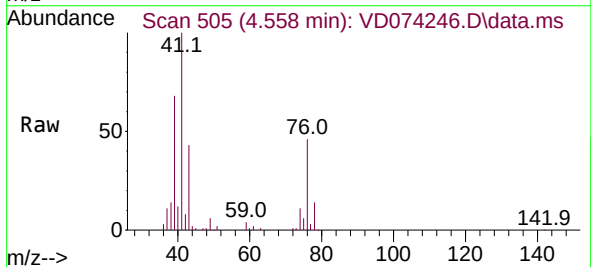
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

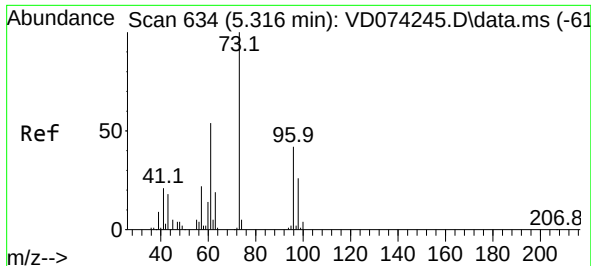
Tgt Ion: 76 Resp: 367007
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 104.493 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 43 Resp: 80804
Ion Ratio Lower Upper
43 100
74 25.0 19.3 28.9

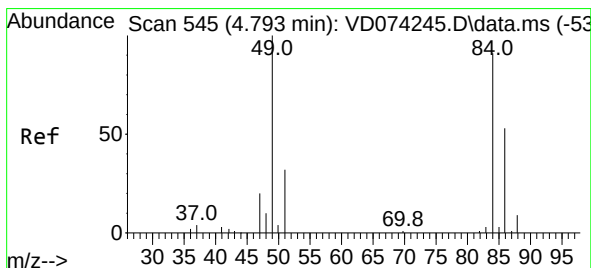
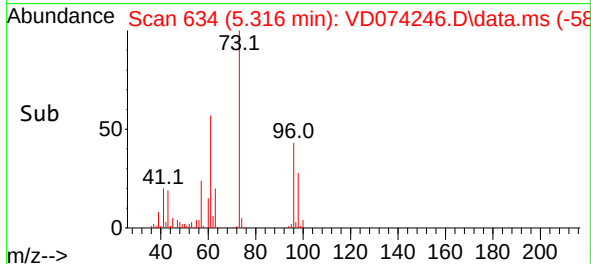
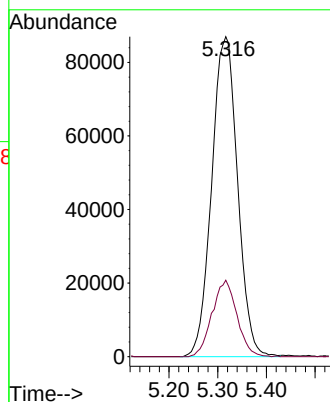
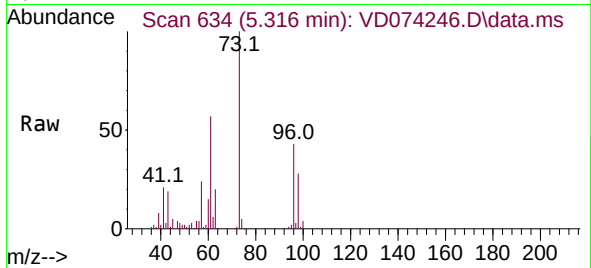




#19
Methyl tert-butyl Ether
Concen: 108.700 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

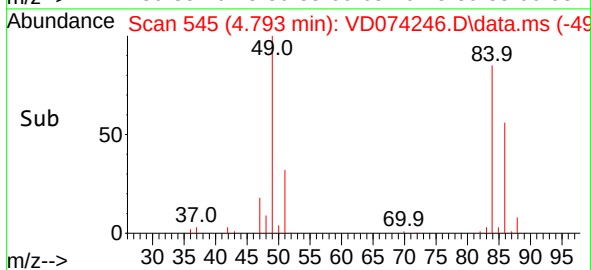
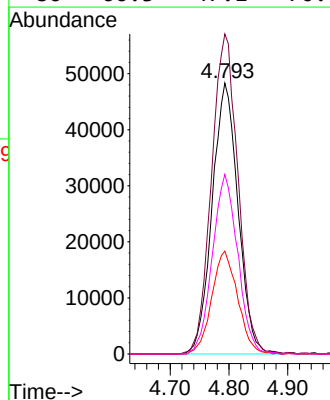
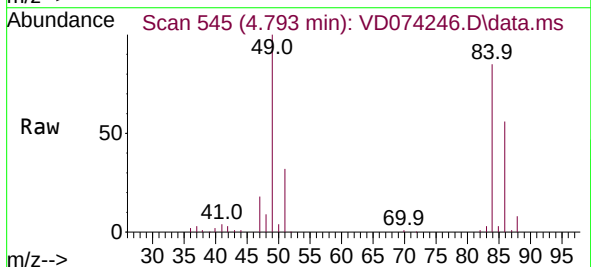
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

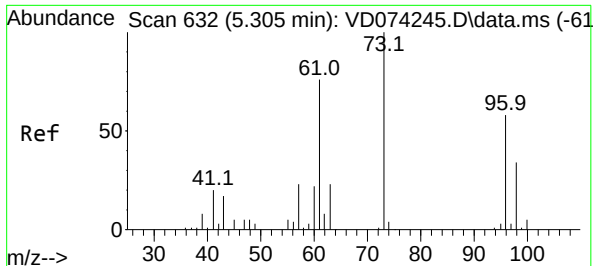
Tgt Ion: 73 Resp: 321181
Ion Ratio Lower Upper
73 100
57 23.9 17.8 26.6



#20
Methylene Chloride
Concen: 78.589 ug/l
RT: 4.793 min Scan# 545
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 84 Resp: 147781
Ion Ratio Lower Upper
84 100
49 118.2 88.4 132.6
51 38.0 28.0 42.0
86 66.3 47.1 70.7

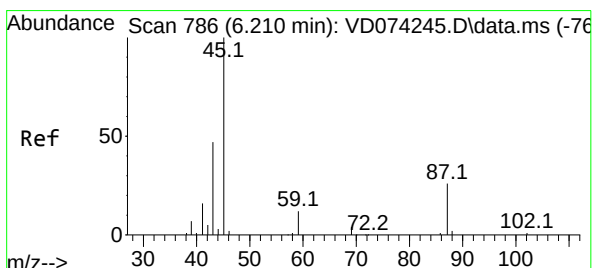
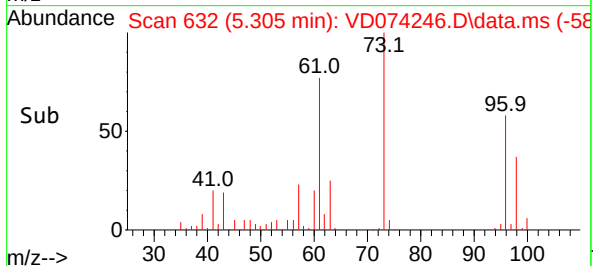
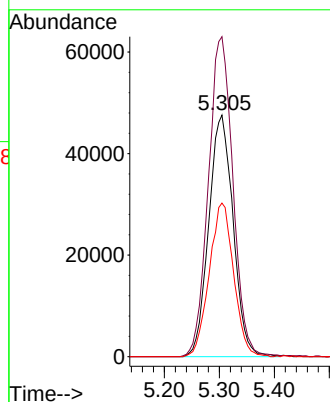
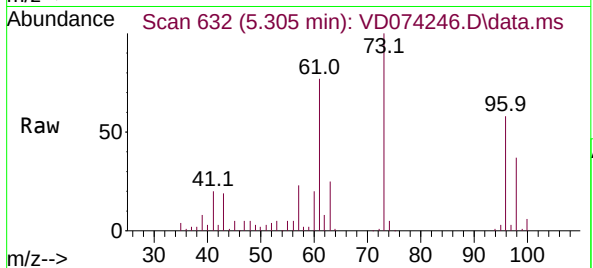




#21
trans-1,2-Dichloroethene
Concen: 104.107 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

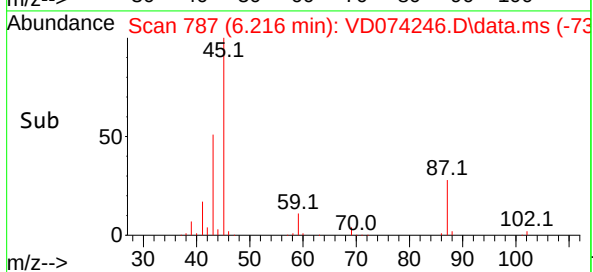
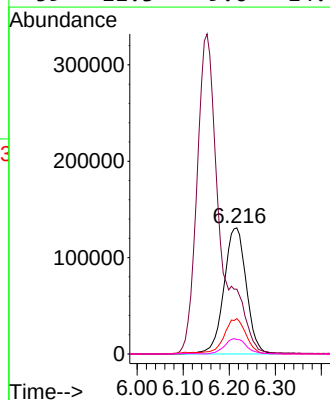
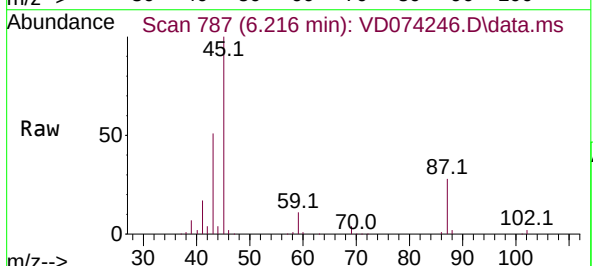
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

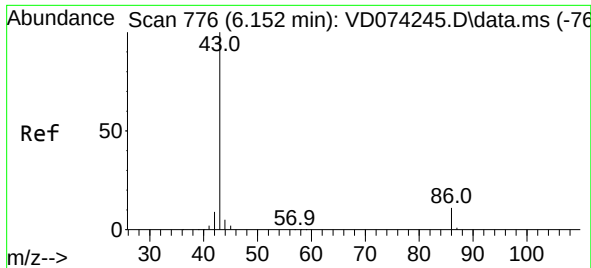
Tgt Ion: 96 Resp: 146748
Ion Ratio Lower Upper
96 100
61 132.4 105.1 157.7
98 63.6 47.4 71.2



#22
Diisopropyl ether
Concen: 110.926 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 45 Resp: 439455
Ion Ratio Lower Upper
45 100
43 50.4 38.9 58.3
87 27.9 21.0 31.4
59 11.3 9.6 14.4

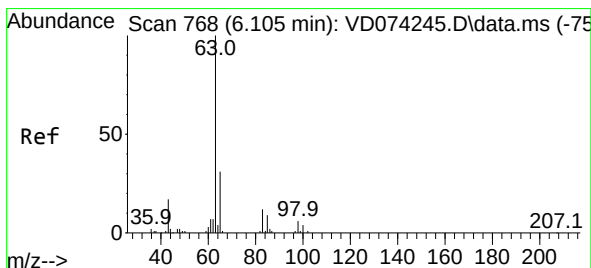
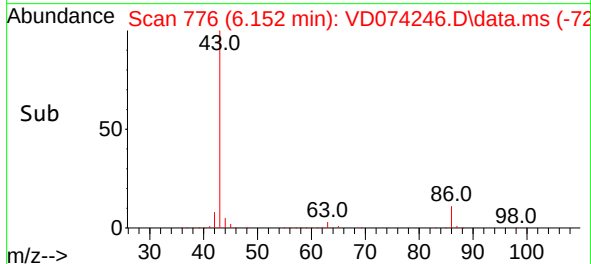
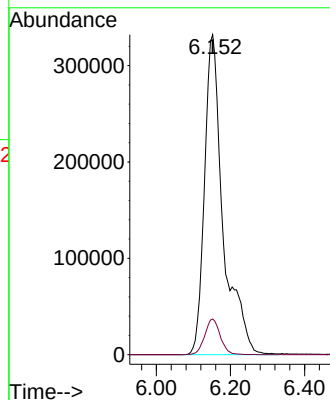
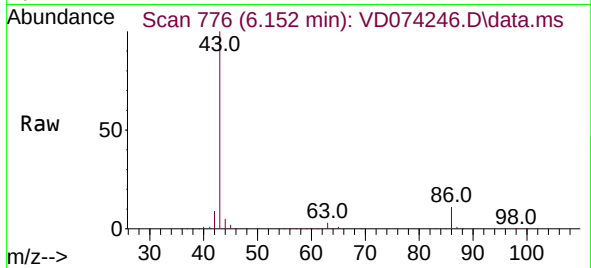




#23
 Vinyl Acetate
 Concen: 581.461 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD074246.D
 Acq: 09 Sep 2022 17:24

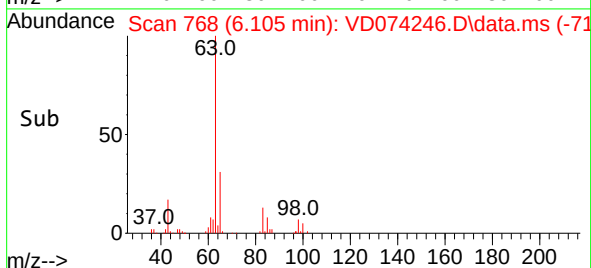
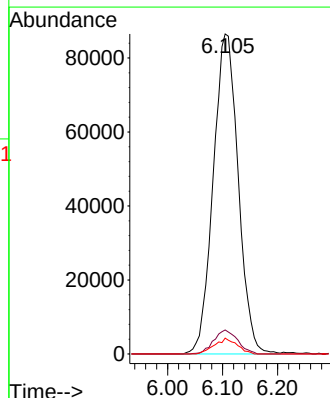
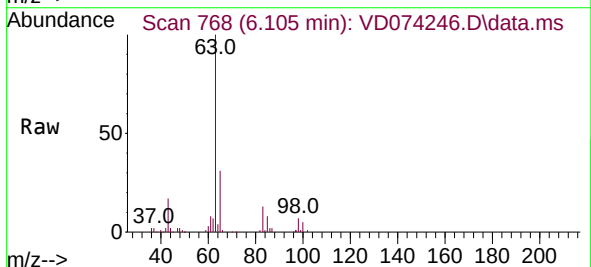
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

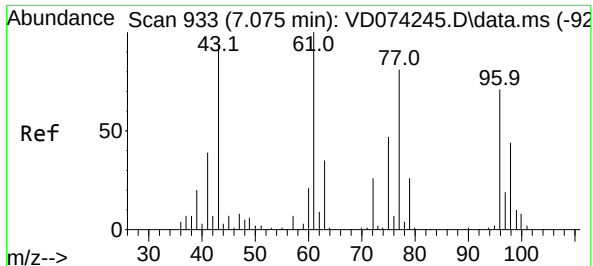
Tgt Ion: 43 Resp: 1161062
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 105.710 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD074246.D
 Acq: 09 Sep 2022 17:24

Tgt Ion: 63 Resp: 273472
 Ion Ratio Lower Upper
 63 100
 98 7.5 2.8 8.4
 100 5.0 2.2 6.6





#25

2-Butanone

Concen: 536.773 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

Instrument :

MSVOA_D

ClientSampleId :

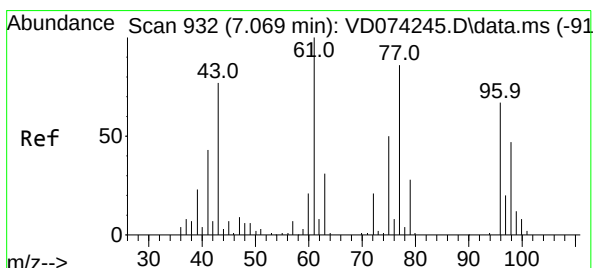
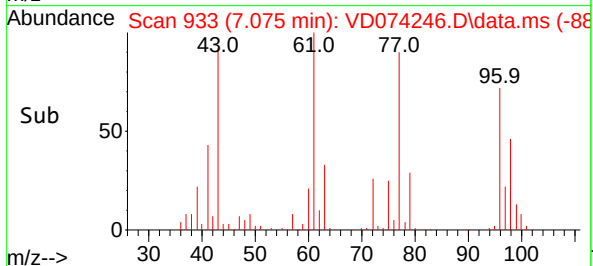
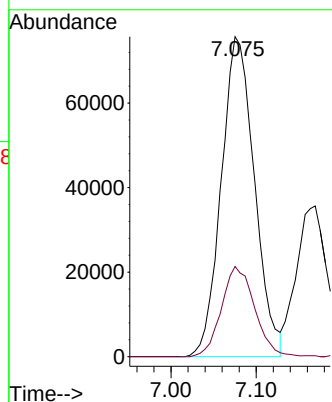
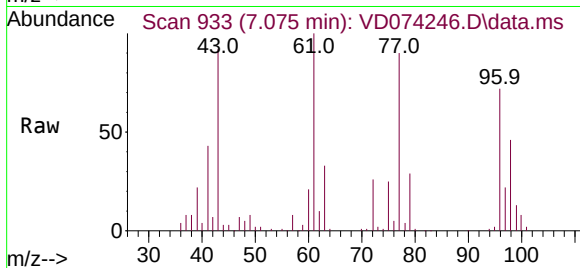
VSTDIC100

Tgt Ion: 43 Resp: 204890

Ion Ratio Lower Upper

43 100

72 28.2 21.8 32.6



#26

2,2-Dichloropropane

Concen: 100.233 ug/l

RT: 7.069 min Scan# 932

Delta R.T. 0.000 min

Lab File: VD074246.D

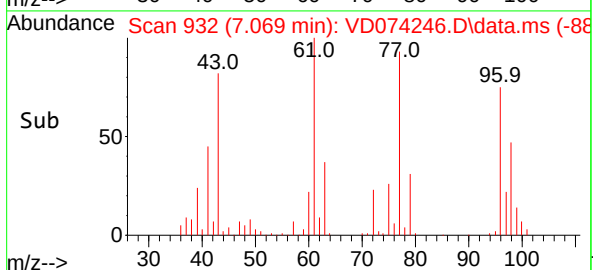
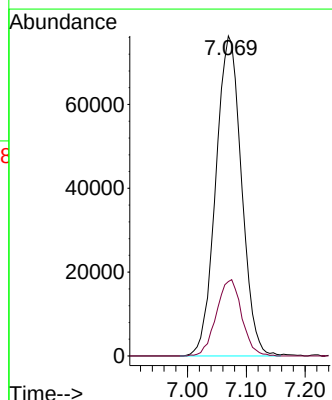
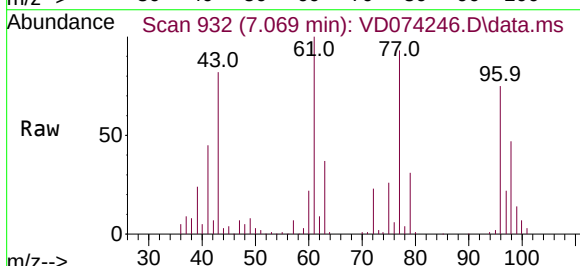
Acq: 09 Sep 2022 17:24

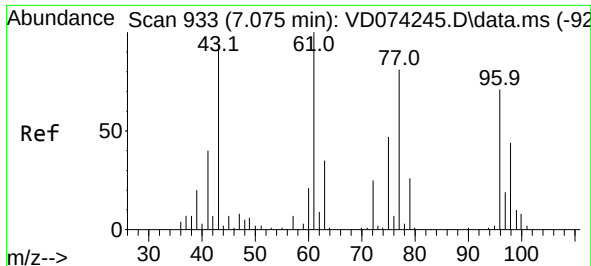
Tgt Ion: 77 Resp: 232116

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 106.394 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

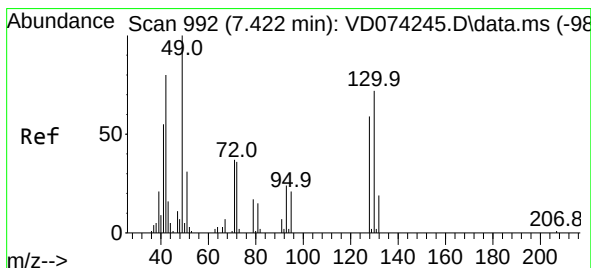
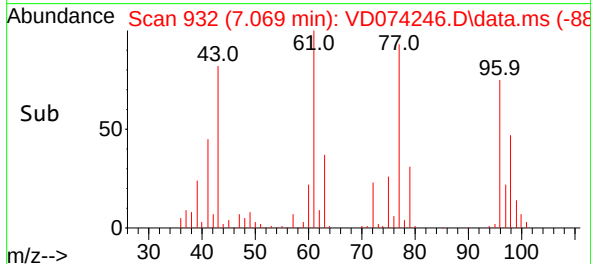
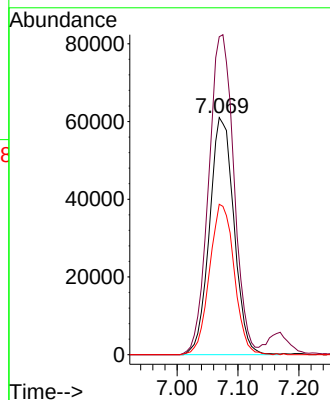
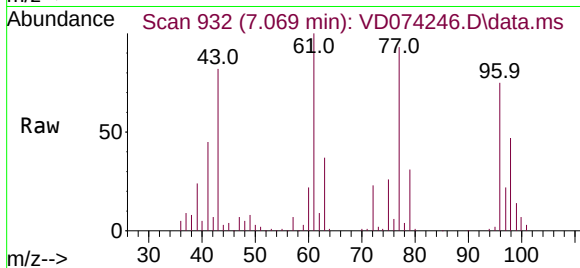
Tgt Ion: 96 Resp: 170232

Ion Ratio Lower Upper

96 100

61 139.5 0.0 289.4

98 64.1 0.0 130.2



#28

Bromochloromethane

Concen: 110.761 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

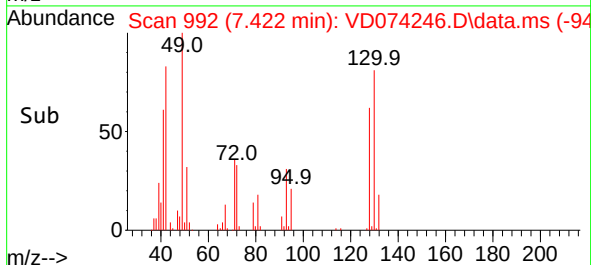
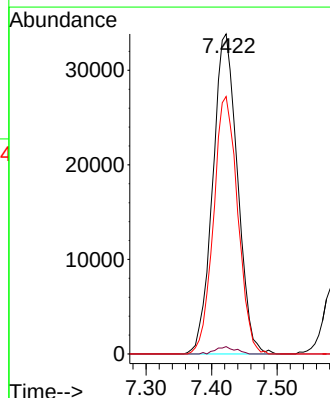
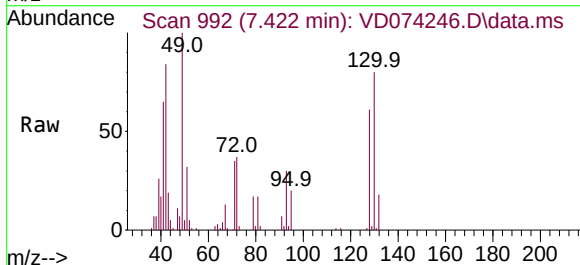
Tgt Ion: 49 Resp: 88701

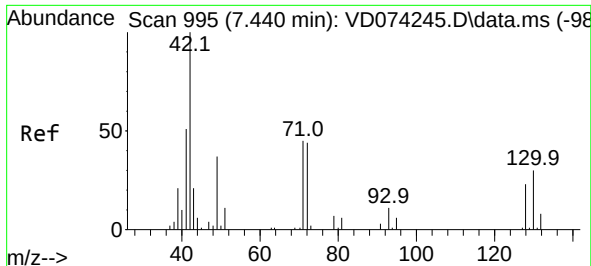
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

130 78.4 62.2 93.2

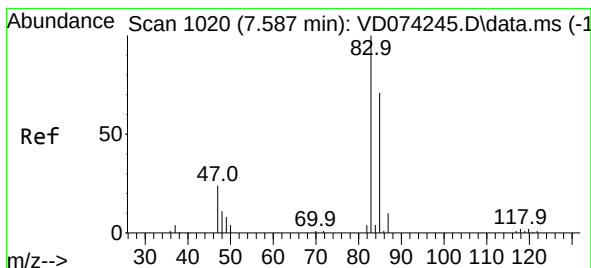
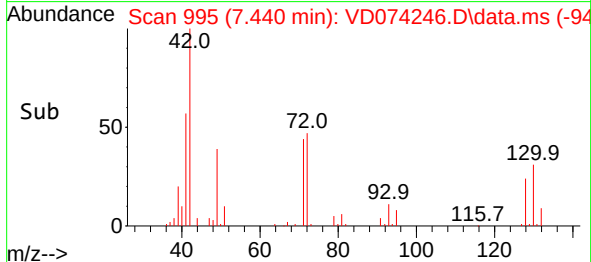
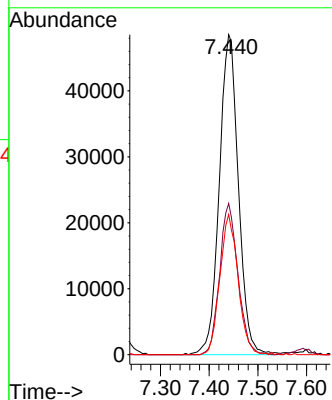
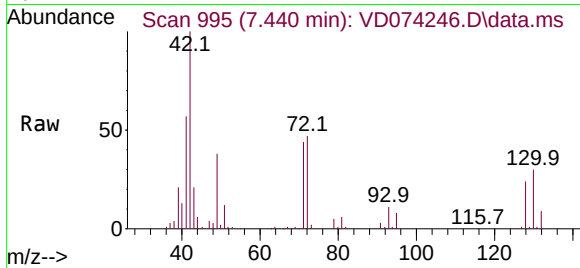




#29
Tetrahydrofuran
Concen: 576.761 ug/l
RT: 7.440 min Scan# 995
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

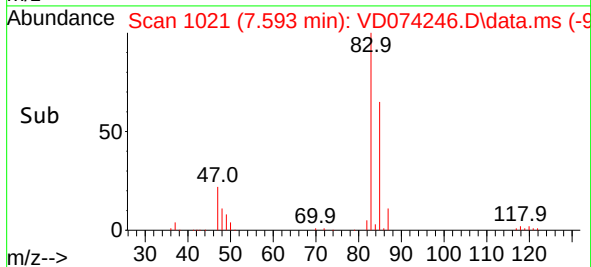
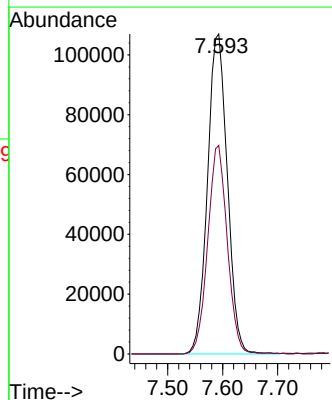
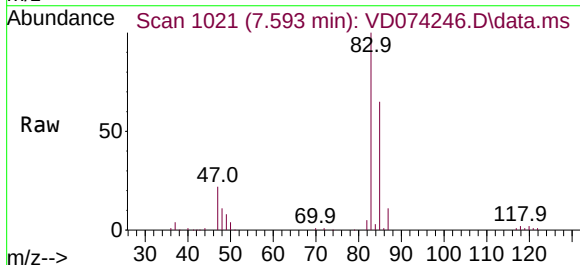
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

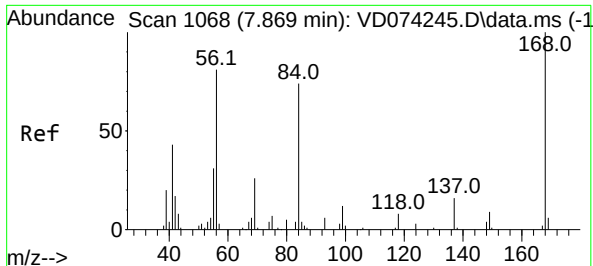
Tgt Ion: 42 Resp: 132655
Ion Ratio Lower Upper
42 100
72 45.2 36.1 54.1
71 41.5 34.1 51.1



#30
Chloroform
Concen: 99.897 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 83 Resp: 268919
Ion Ratio Lower Upper
83 100
85 65.2 56.7 85.1





#31

Cyclohexane

Concen: 105.129 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

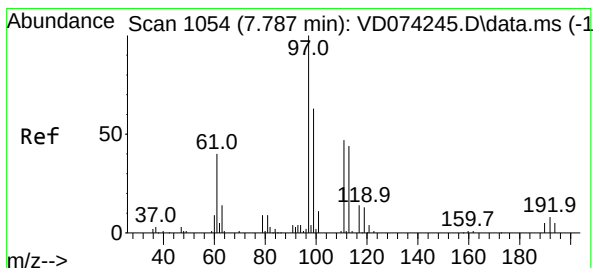
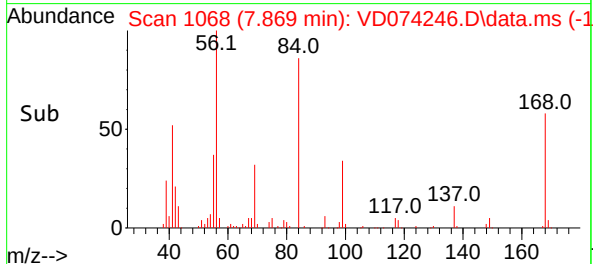
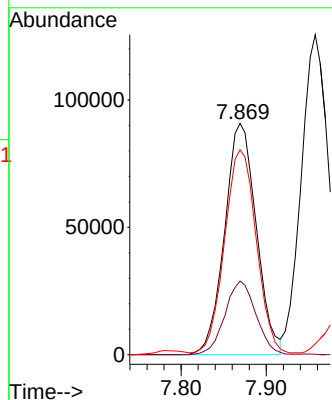
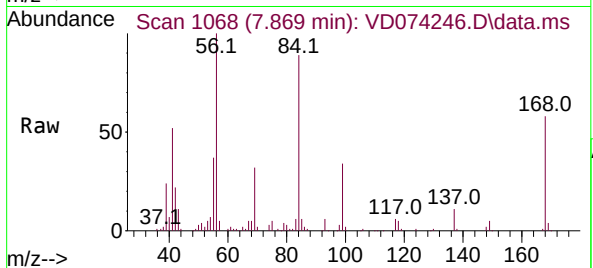
Tgt Ion: 56 Resp: 234702

Ion Ratio Lower Upper

56 100

69 31.8 25.7 38.5

84 87.1 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 95.009 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

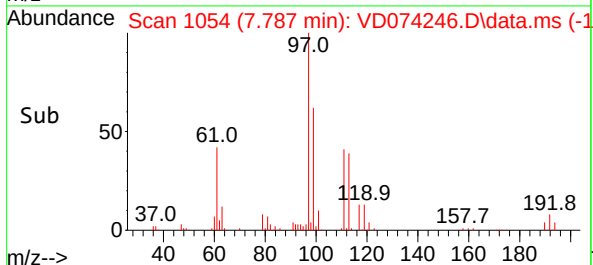
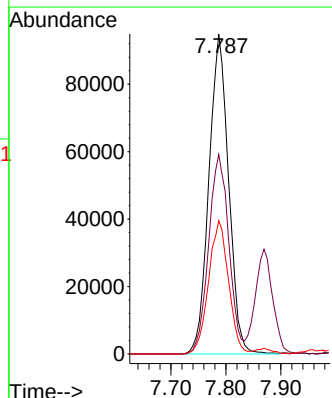
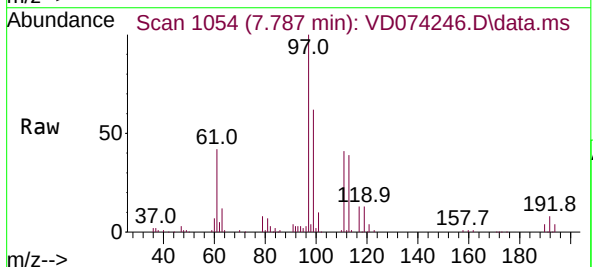
Tgt Ion: 97 Resp: 235908

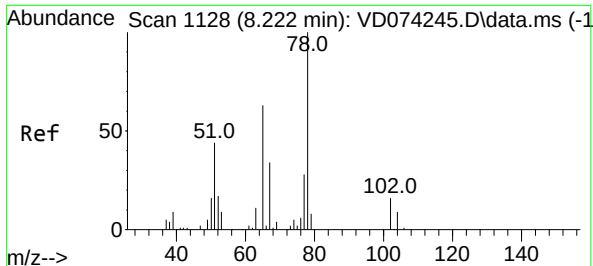
Ion Ratio Lower Upper

97 100

99 64.5 51.2 76.8

61 42.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 96.719 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

Instrument :

MSVOA_D

ClientSampleId :

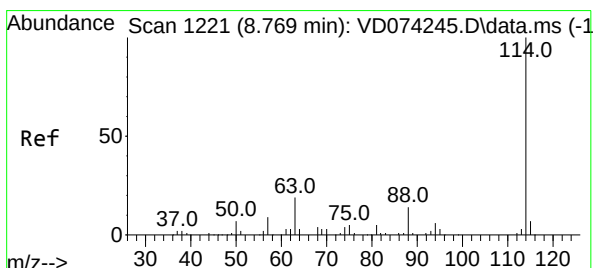
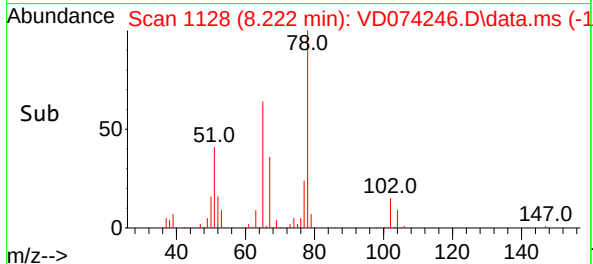
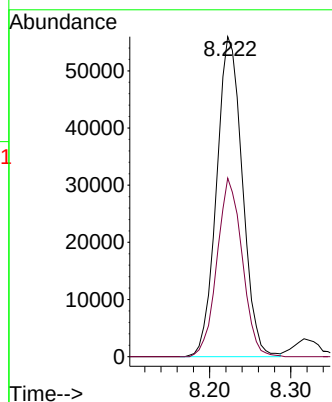
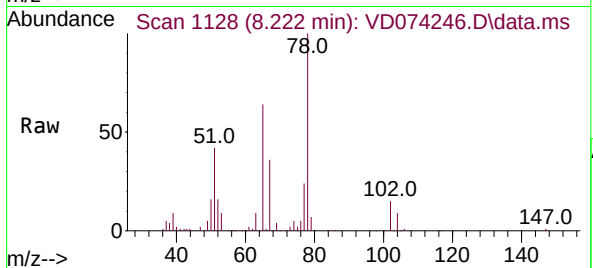
VSTDIC100

Tgt Ion: 65 Resp: 123497

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

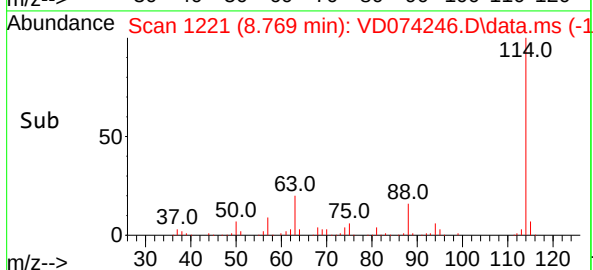
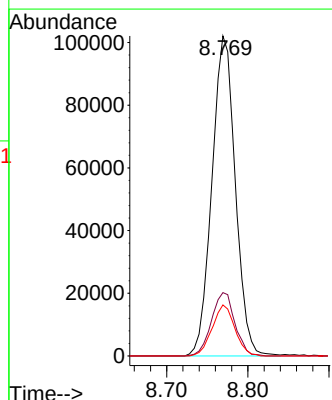
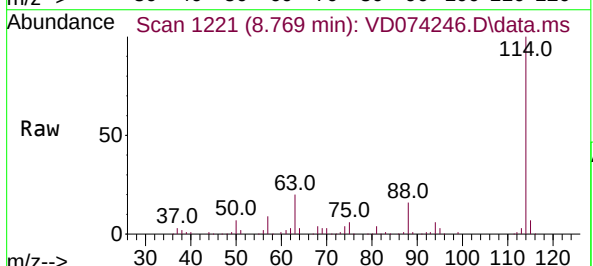
Tgt Ion: 114 Resp: 204640

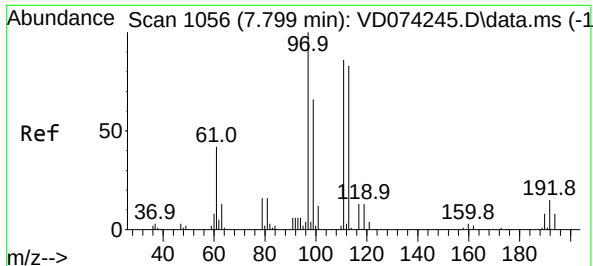
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.6

88 16.0 0.0 28.4





#35

Dibromofluoromethane

Concen: 95.396 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

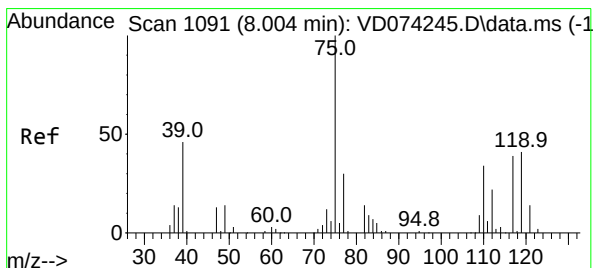
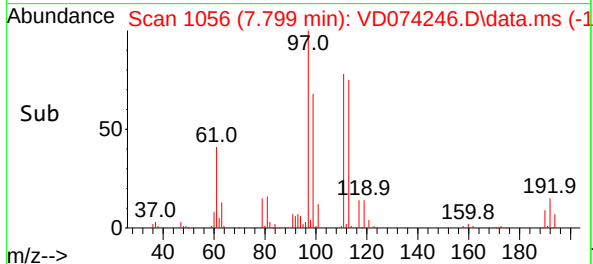
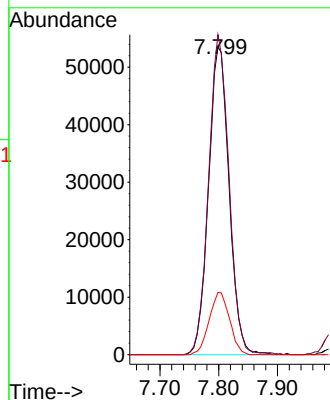
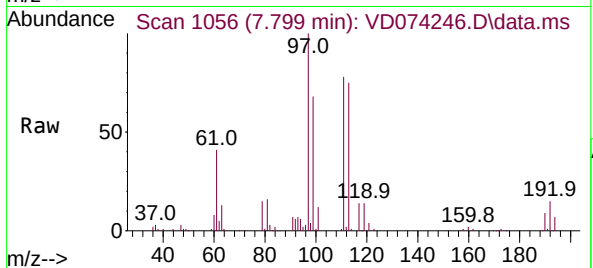
Tgt Ion:113 Resp: 130163

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.6

192 20.0 16.2 24.2



#36

1,1-Dichloropropene

Concen: 103.937 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

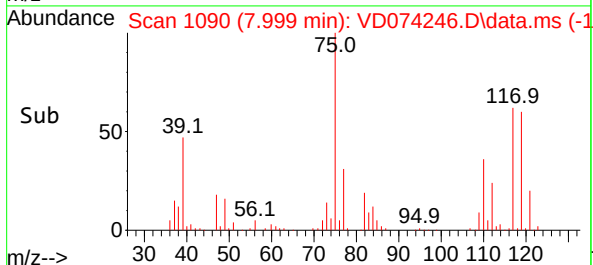
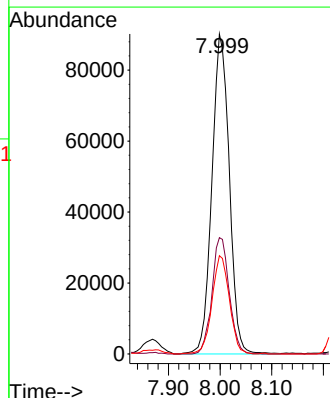
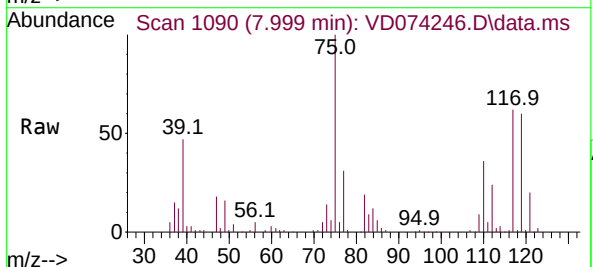
Tgt Ion: 75 Resp: 210951

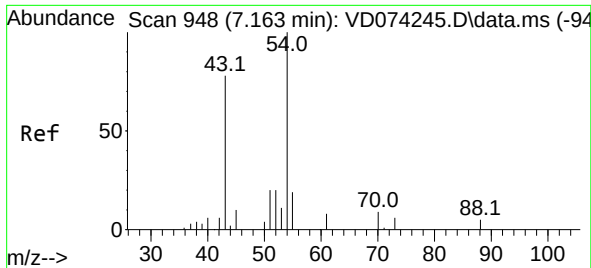
Ion Ratio Lower Upper

75 100

110 36.1 17.5 52.5

77 30.7 24.8 37.2

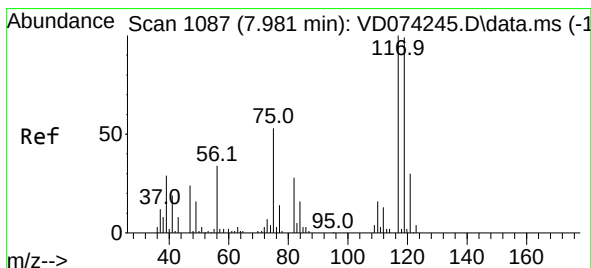
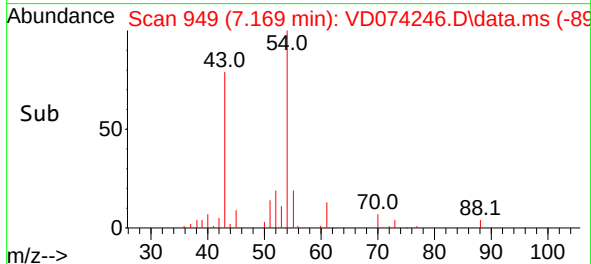
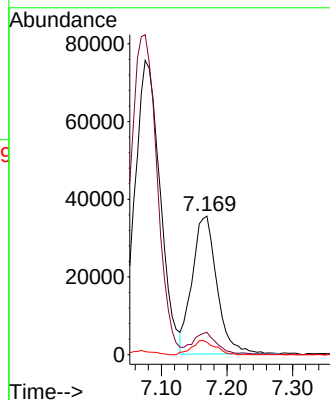
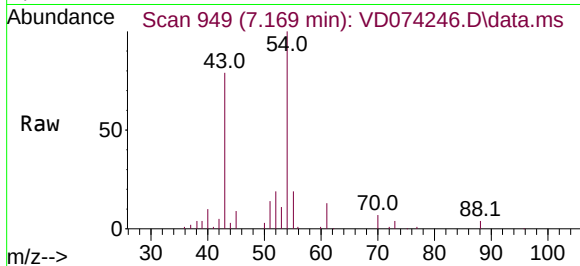




#37
Ethyl Acetate
Concen: 113.141 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.006 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

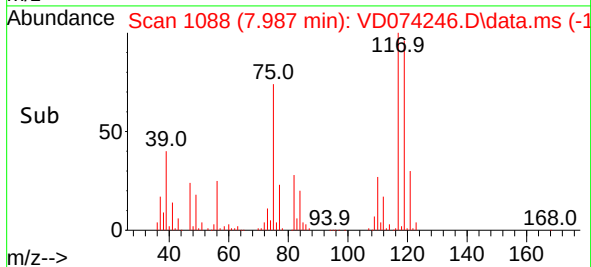
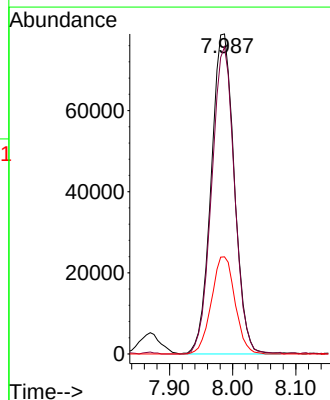
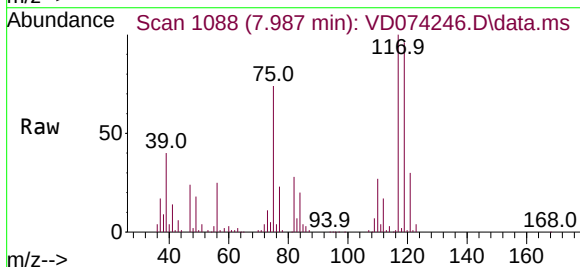
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

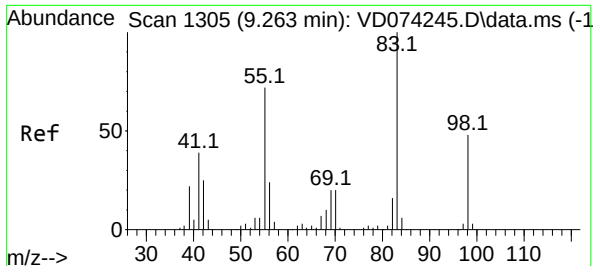
Tgt Ion: 43 Resp: 93094
Ion Ratio Lower Upper
43 100
61 14.9 12.1 18.1
70 9.7 8.5 12.7



#38
Carbon Tetrachloride
Concen: 93.860 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 117 Resp: 201159
Ion Ratio Lower Upper
117 100
119 95.9 78.8 118.2
121 30.4 23.9 35.9





#39

Methylcyclohexane

Concen: 110.662 ug/l

RT: 9.263 min Scan# 11305

Delta R.T. 0.000 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

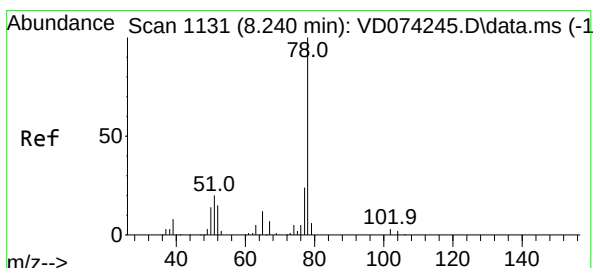
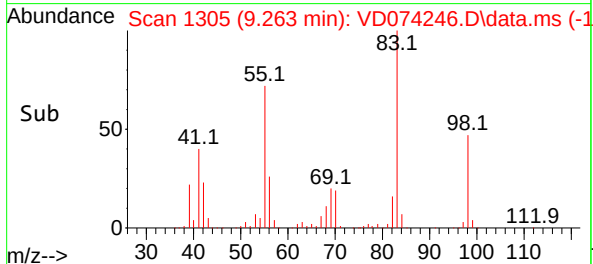
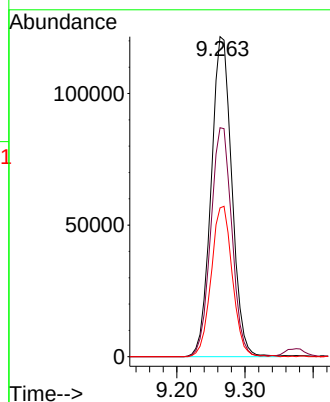
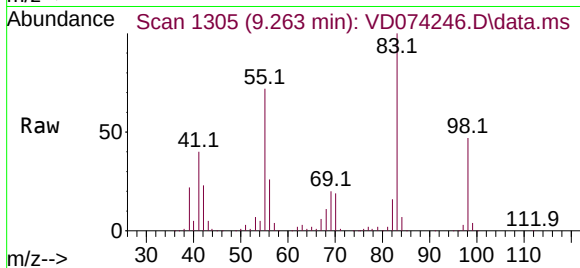
Tgt Ion: 83 Resp: 257214

Ion Ratio Lower Upper

83 100

55 71.5 57.2 85.8

98 46.5 38.3 57.5



#40

Benzene

Concen: 103.572 ug/l

RT: 8.240 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VD074246.D

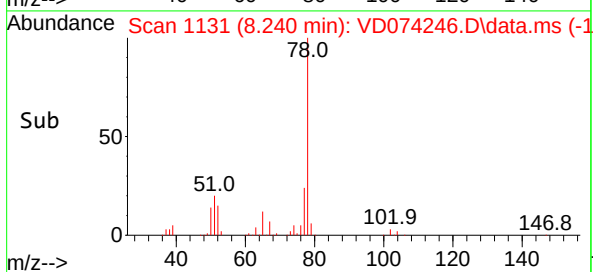
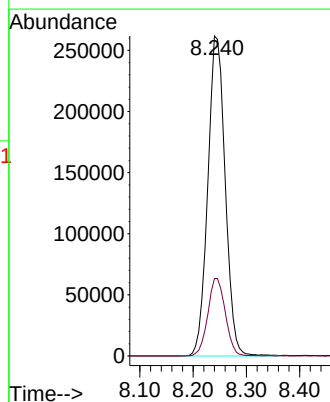
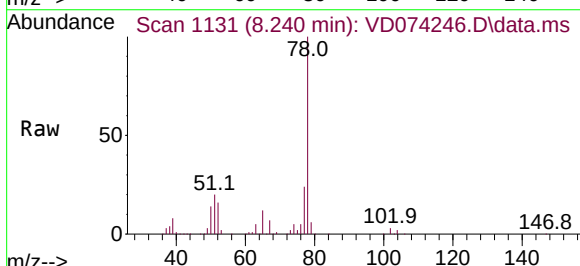
Acq: 09 Sep 2022 17:24

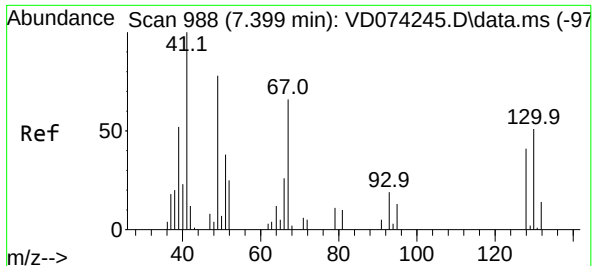
Tgt Ion: 78 Resp: 595778

Ion Ratio Lower Upper

78 100

77 24.2 19.4 29.2

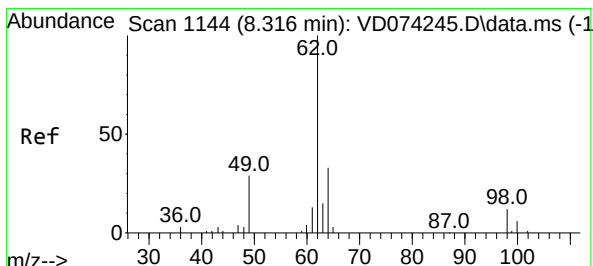
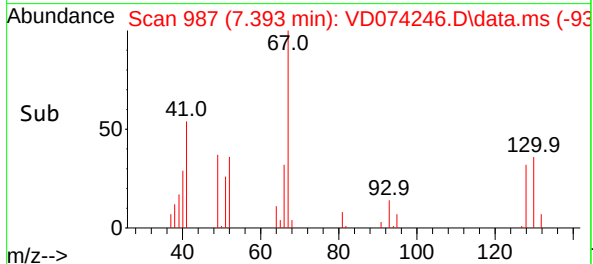
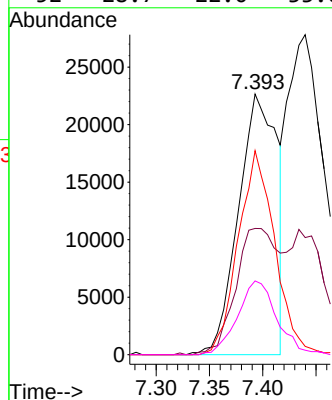
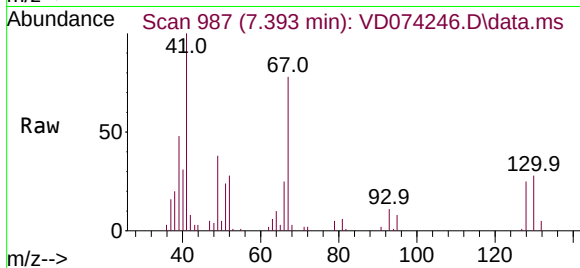




#41
Methacrylonitrile
Concen: 114.323 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

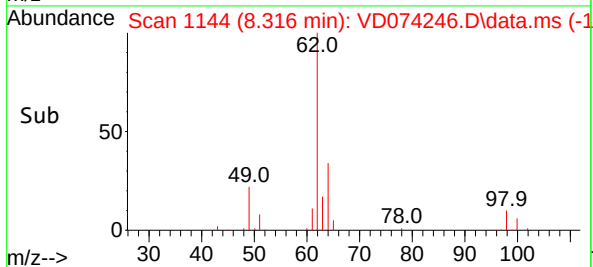
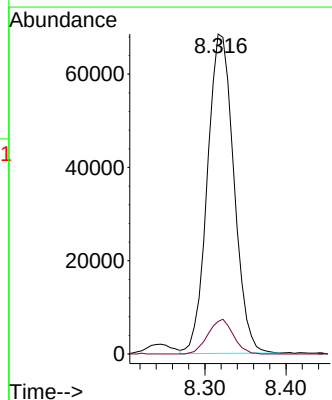
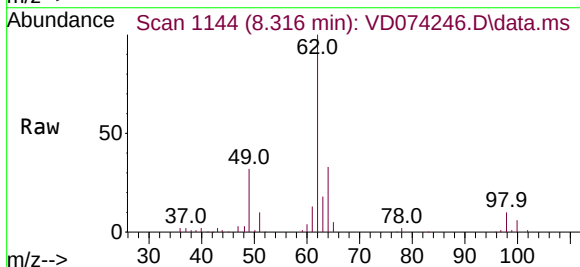
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

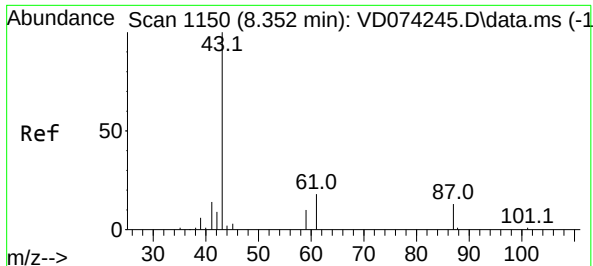
Tgt Ion: 41 Resp: 57328
Ion Ratio Lower Upper
41 100
39 52.1 39.8 59.6
67 74.1 56.1 84.1
52 28.7 22.0 33.0



#42
1,2-Dichloroethane
Concen: 92.692 ug/l
RT: 8.316 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 62 Resp: 155193
Ion Ratio Lower Upper
62 100
98 10.3 0.0 21.4





#43

Isopropyl Acetate

Concen: 108.846 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.006 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

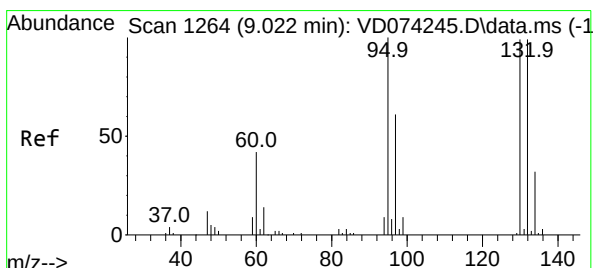
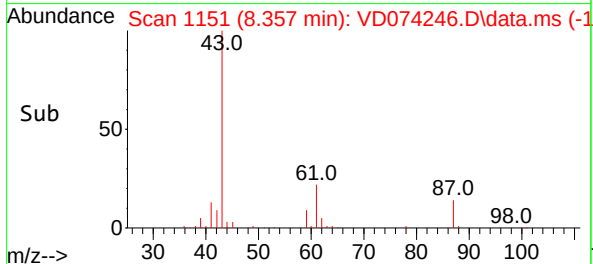
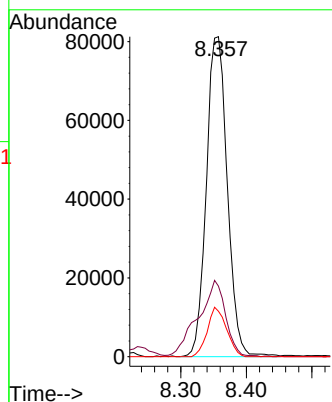
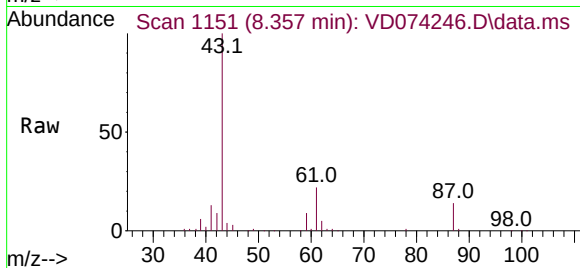
Tgt Ion: 43 Resp: 180422

Ion Ratio Lower Upper

43 100

61 31.4 24.5 36.7

87 14.1 10.8 16.2



#44

Trichloroethene

Concen: 97.448 ug/l

RT: 9.022 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VD074246.D

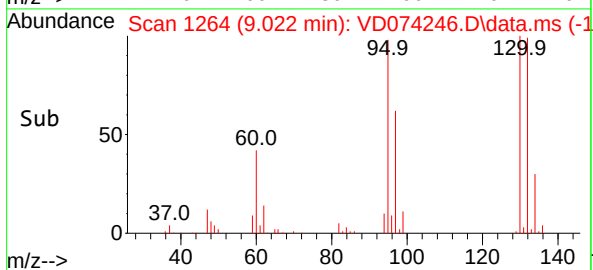
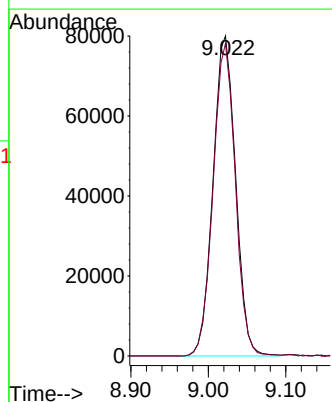
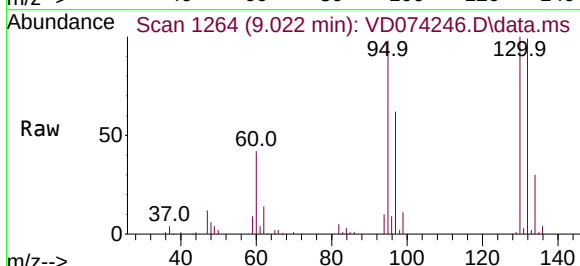
Acq: 09 Sep 2022 17:24

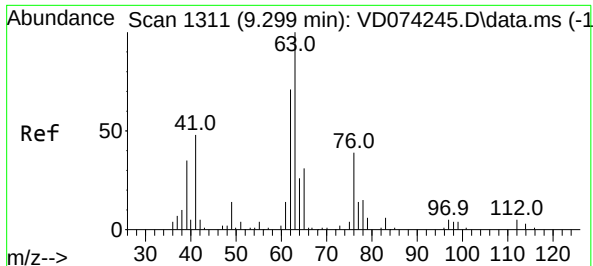
Tgt Ion:130 Resp: 162001

Ion Ratio Lower Upper

130 100

95 97.6 0.0 202.2





#45

1,2-Dichloropropane

Concen: 106.791 ug/l

RT: 9.299 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

Instrument :

MSVOA_D

ClientSampleId :

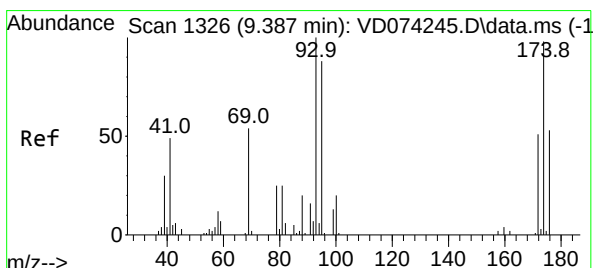
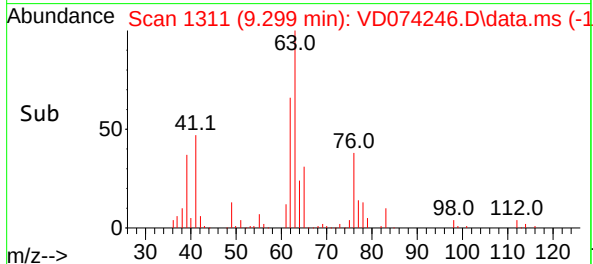
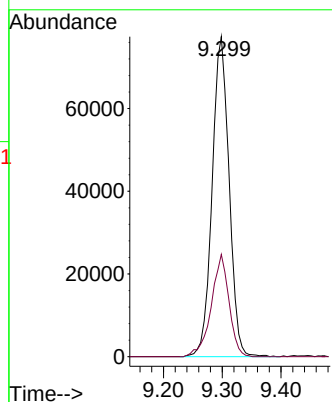
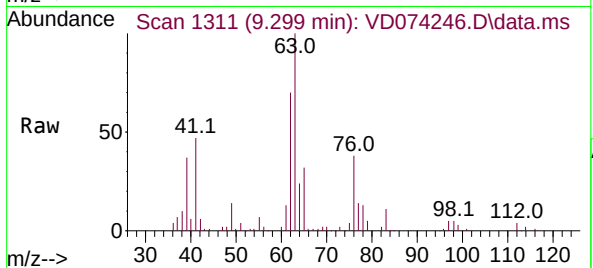
VSTDIC100

Tgt Ion: 63 Resp: 154979

Ion Ratio Lower Upper

63 100

65 31.9 24.5 36.7



#46

Dibromomethane

Concen: 100.040 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.000 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

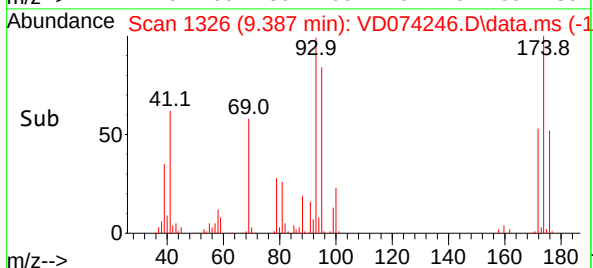
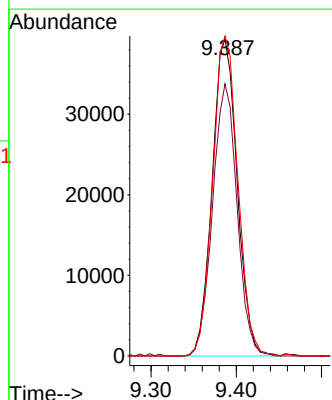
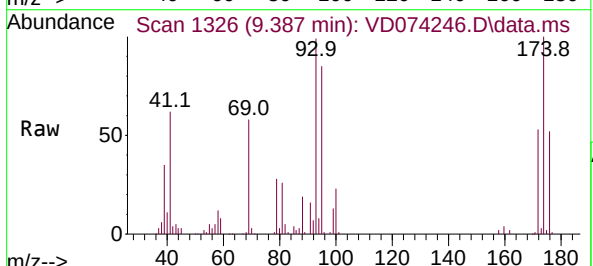
Tgt Ion: 93 Resp: 80036

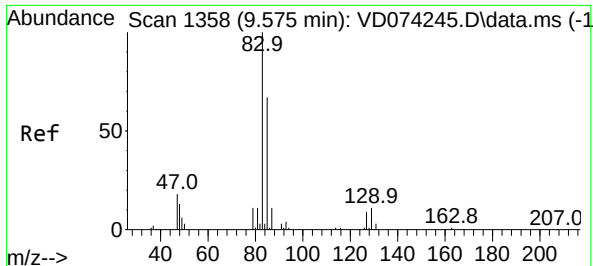
Ion Ratio Lower Upper

93 100

95 84.4 67.7 101.5

174 101.6 79.6 119.4

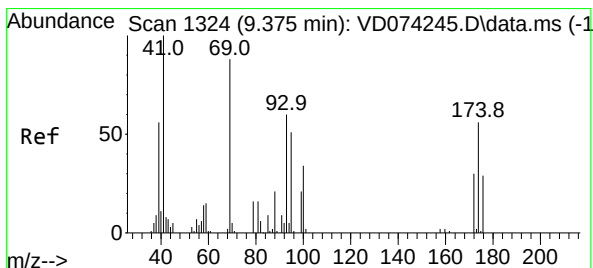
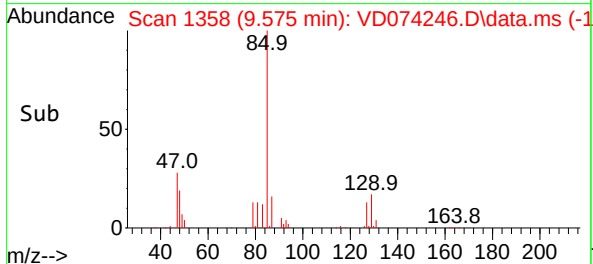
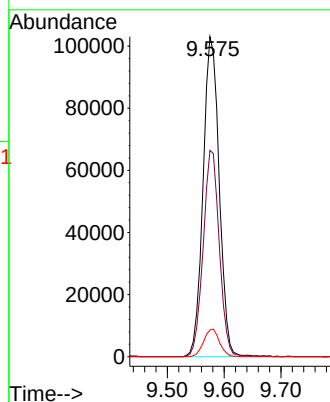
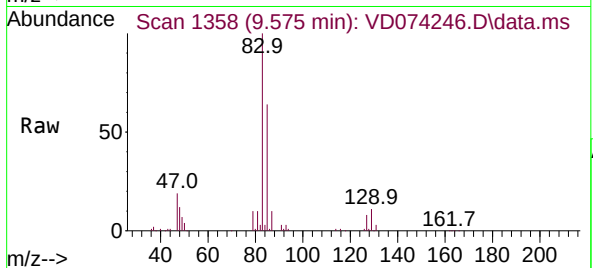




#47
Bromodichloromethane
Concen: 97.751 ug/l
RT: 9.575 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

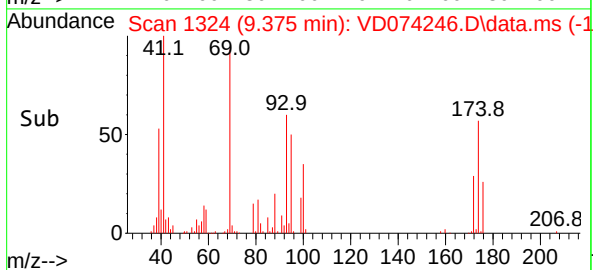
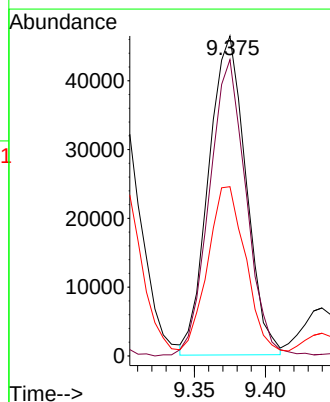
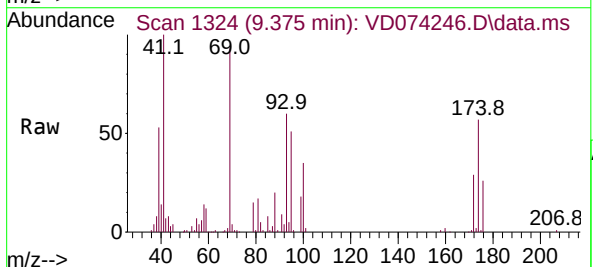
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

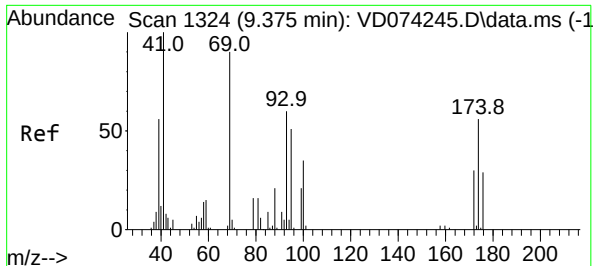
Tgt Ion: 83 Resp: 202896
Ion Ratio Lower Upper
83 100
85 64.4 53.4 80.2
127 8.4 6.9 10.3



#48
Methyl methacrylate
Concen: 111.916 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 41 Resp: 84833
Ion Ratio Lower Upper
41 100
69 91.8 72.7 109.1
39 52.2 41.6 62.4





#49

1,4-Dioxane

Concen: 2236.797 ug/l

RT: 9.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

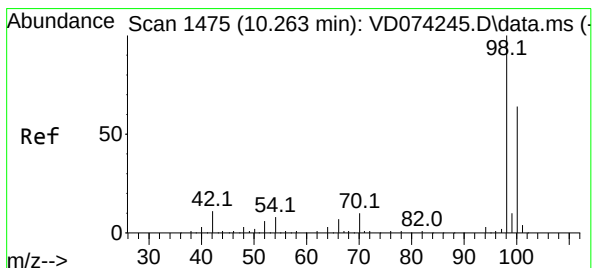
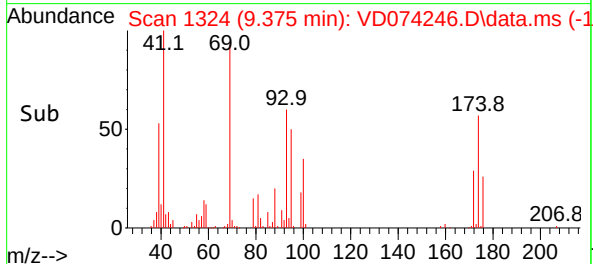
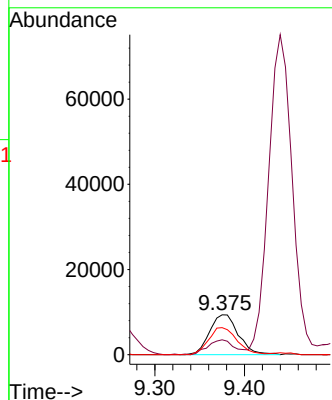
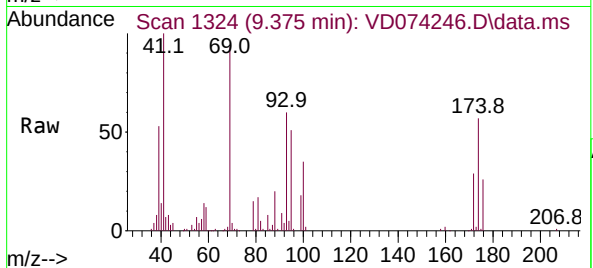
Tgt Ion: 88 Resp: 20886

Ion Ratio Lower Upper

88 100

43 34.0 27.0 40.4

58 66.7 54.2 81.2



#50

Toluene-d8

Concen: 113.102 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VD074246.D

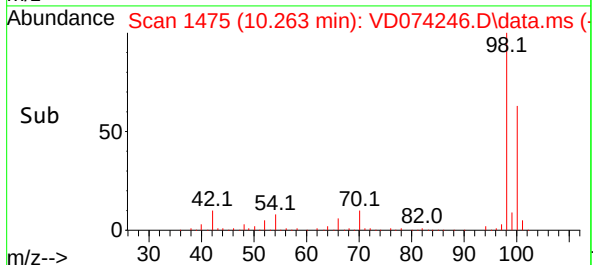
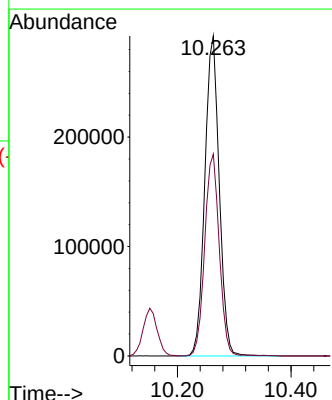
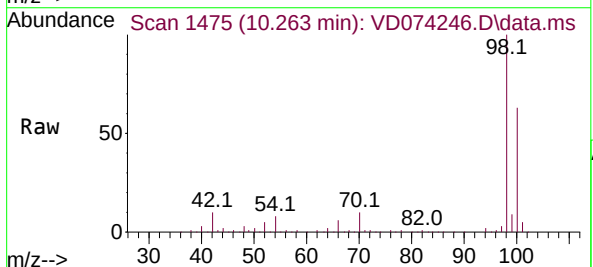
Acq: 09 Sep 2022 17:24

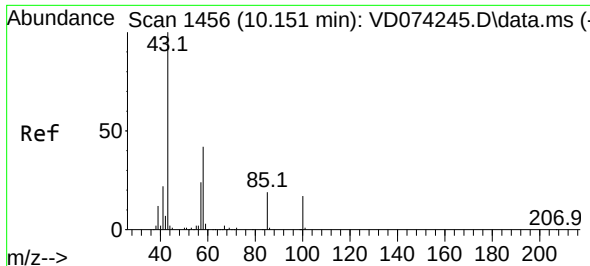
Tgt Ion: 98 Resp: 514284

Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.8

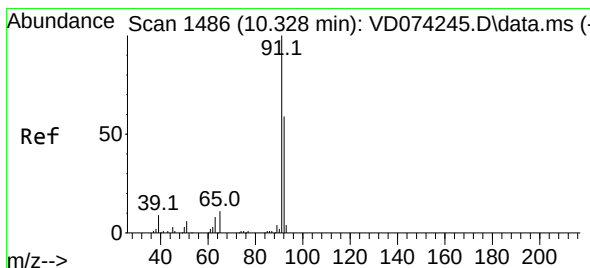
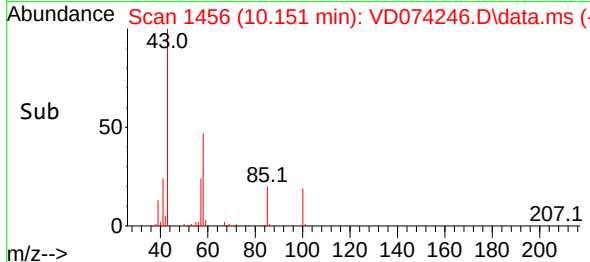
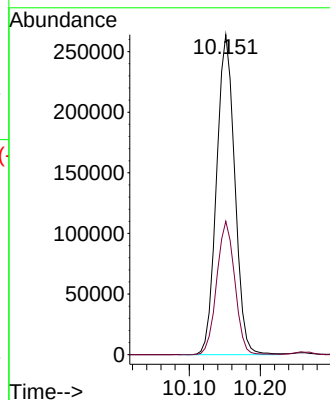
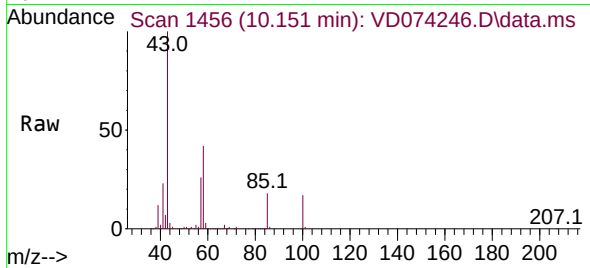




#51
4-Methyl-2-Pentanone
Concen: 567.071 ug/l
RT: 10.151 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

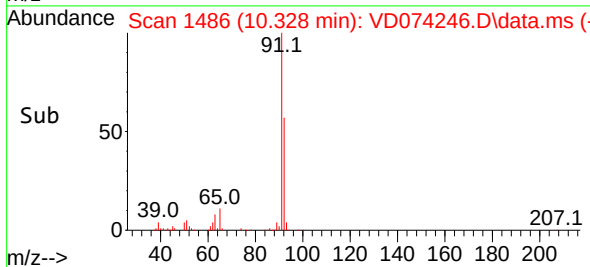
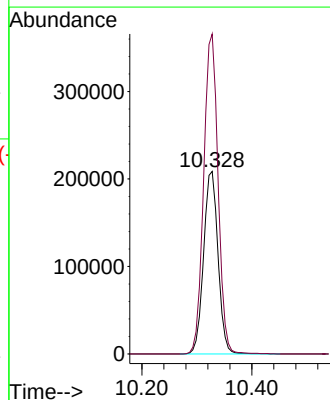
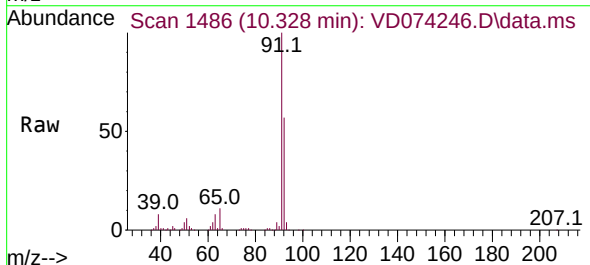
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

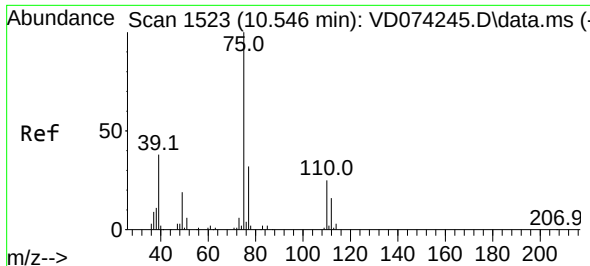
Tgt Ion: 43 Resp: 469026
Ion Ratio Lower Upper
43 100
58 41.3 33.3 49.9



#52
Toluene
Concen: 100.967 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 92 Resp: 379812
Ion Ratio Lower Upper
92 100
91 175.1 139.3 208.9

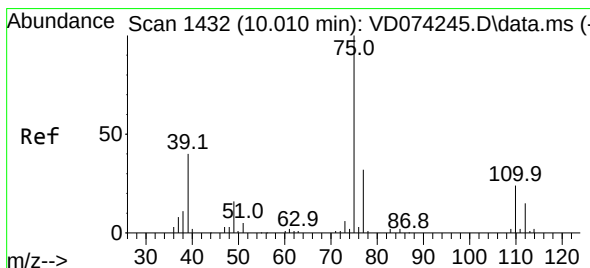
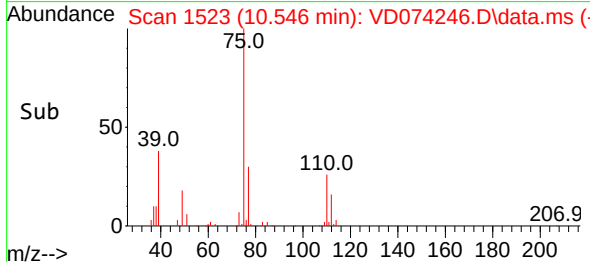
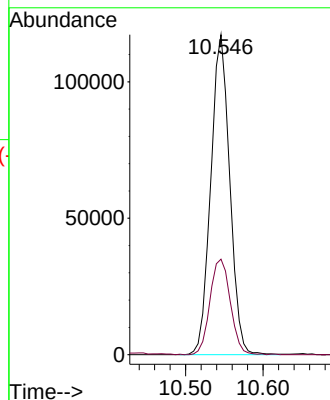
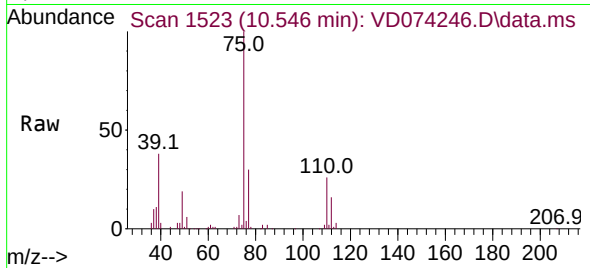




#53
 t-1,3-Dichloropropene
 Concen: 105.313 ug/l
 RT: 10.546 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD074246.D
 Acq: 09 Sep 2022 17:24

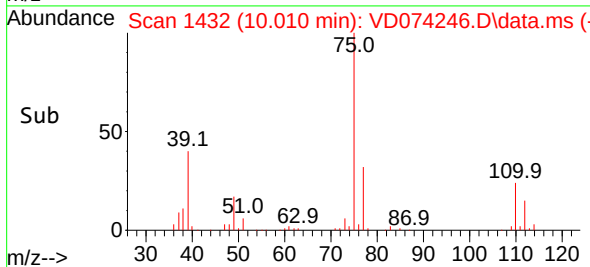
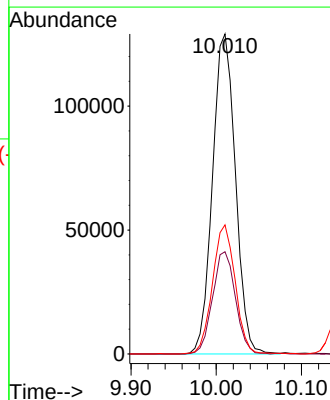
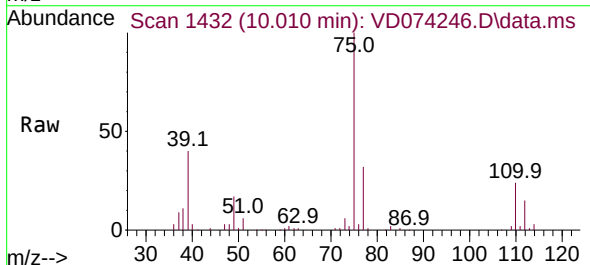
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

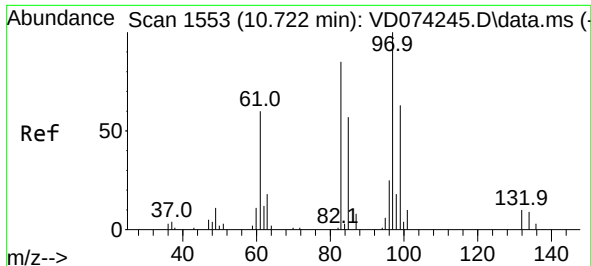
Tgt Ion: 75 Resp: 199308
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 107.501 ug/l
 RT: 10.010 min Scan# 1432
 Delta R.T. 0.000 min
 Lab File: VD074246.D
 Acq: 09 Sep 2022 17:24

Tgt Ion: 75 Resp: 241500
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.0
 39 40.4 31.6 47.4

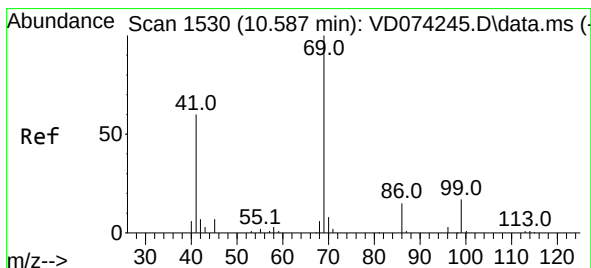
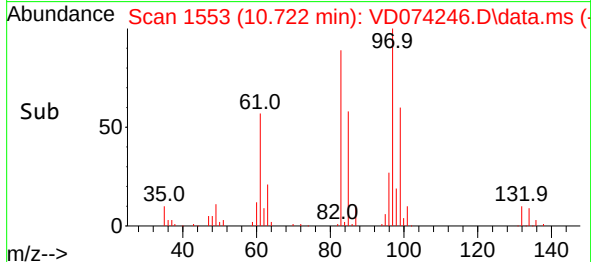
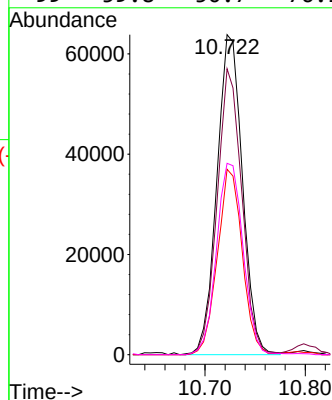
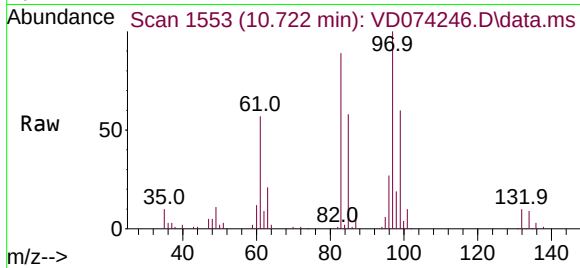




#55
1,1,2-Trichloroethane
Concen: 102.277 ug/l
RT: 10.722 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

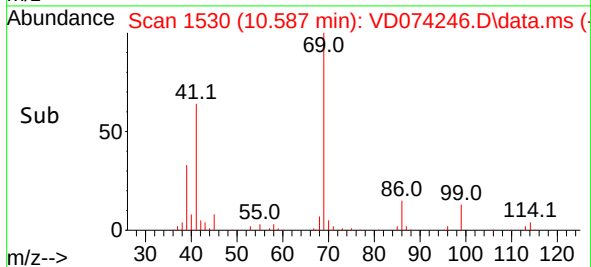
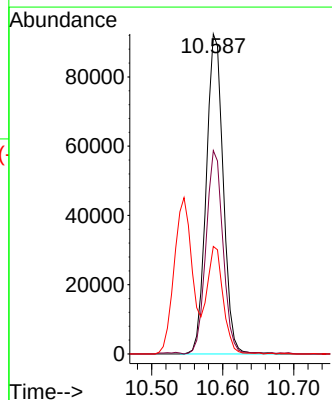
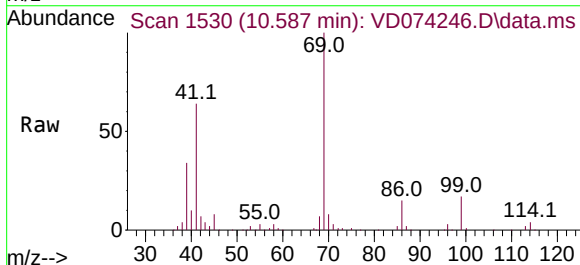
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

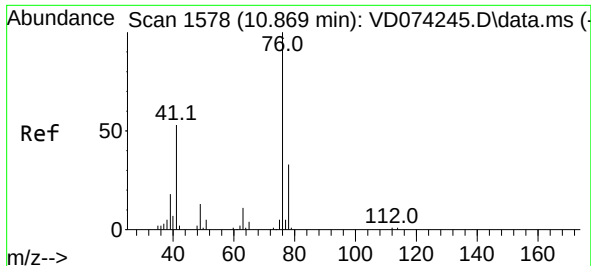
Tgt Ion:	97	Resp:	113162
Ion	Ratio	Lower	Upper
97	100		
83	89.3	68.0	102.0
85	58.0	45.8	68.8
99	59.8	50.7	76.1



#56
Ethyl methacrylate
Concen: 119.473 ug/l
RT: 10.587 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion:	69	Resp:	153279
Ion	Ratio	Lower	Upper
69	100		
41	64.0	49.4	74.2
39	31.3	24.2	36.4

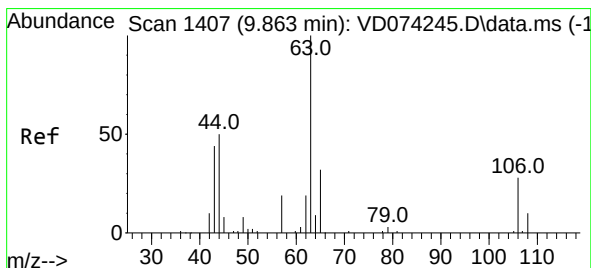
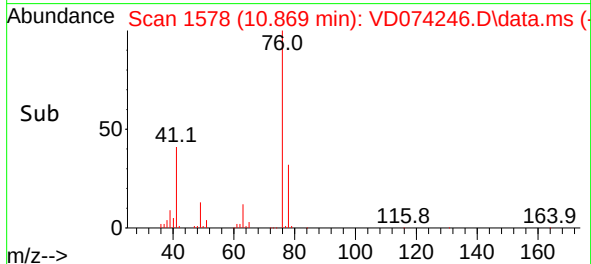
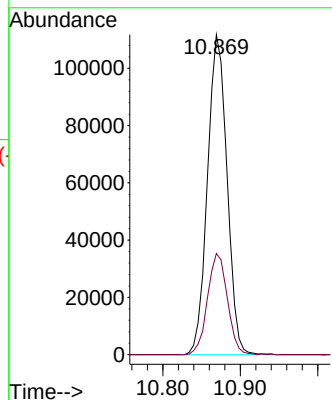
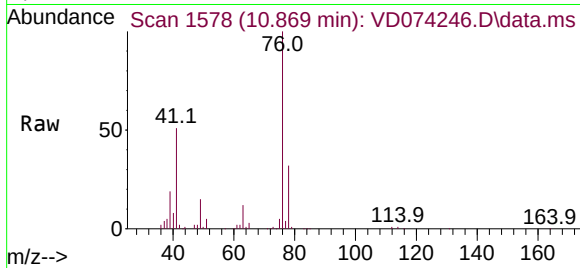




#57
1,3-Dichloropropane
Concen: 105.792 ug/l
RT: 10.869 min Scan# 1578
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

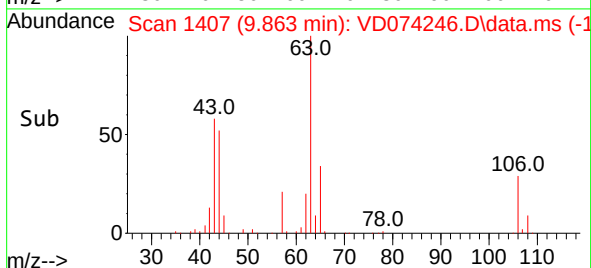
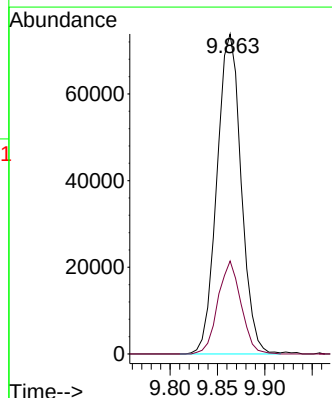
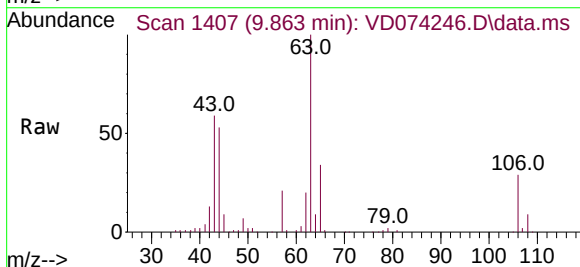
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

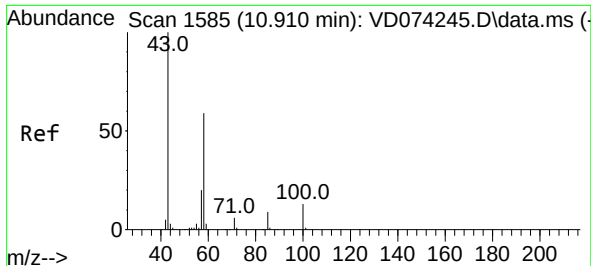
Tgt Ion: 76 Resp: 195768
Ion Ratio Lower Upper
76 100
78 32.2 25.4 38.2



#58
2-Chloroethyl Vinyl ether
Concen: 359.977 ug/l
RT: 9.863 min Scan# 1407
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 63 Resp: 131417
Ion Ratio Lower Upper
63 100
106 27.6 21.9 32.9

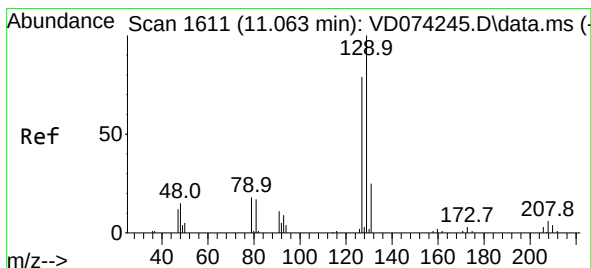
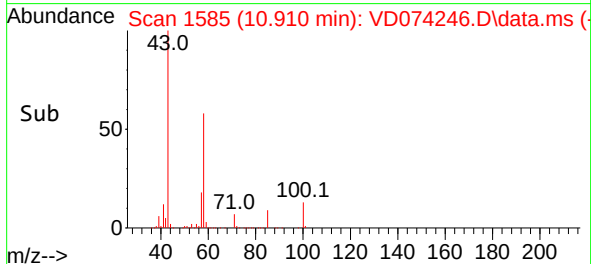
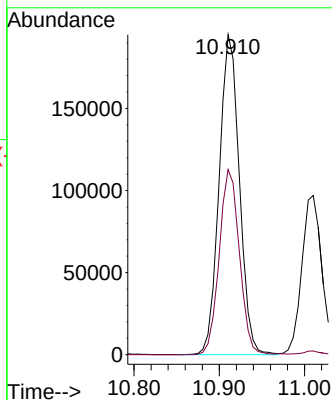
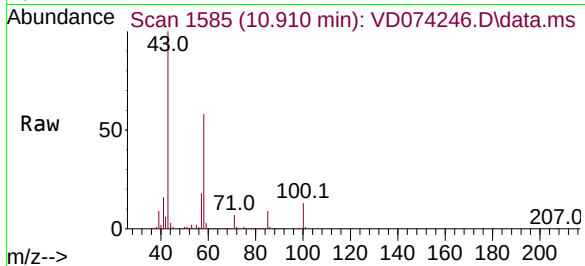




#59
2-Hexanone
Concen: 576.354 ug/l
RT: 10.910 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

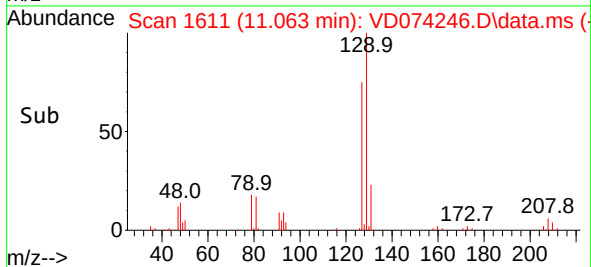
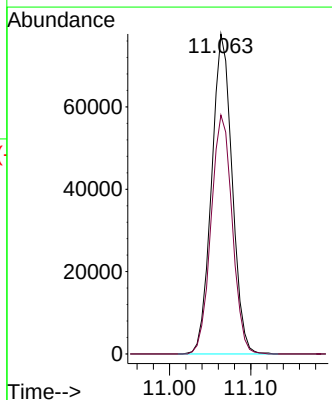
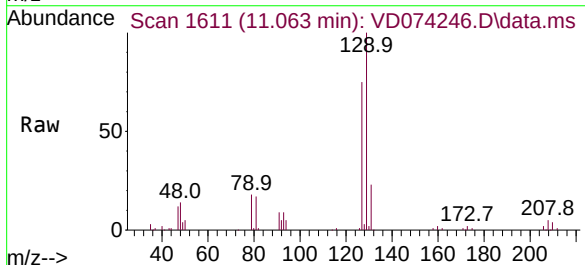
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

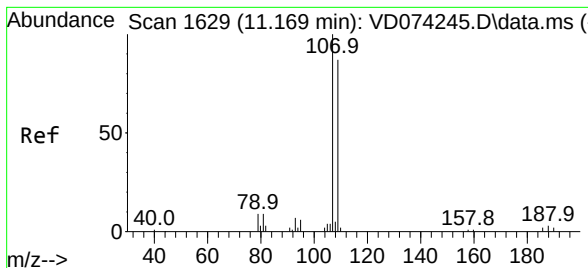
Tgt Ion: 43 Resp: 321285
Ion Ratio Lower Upper
43 100
58 57.8 28.6 85.8



#60
Dibromochloromethane
Concen: 96.730 ug/l
RT: 11.063 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 129 Resp: 136564
Ion Ratio Lower Upper
129 100
127 76.8 39.0 116.9

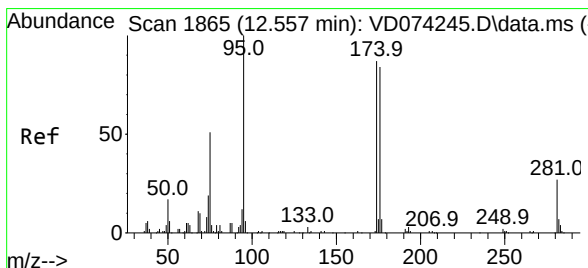
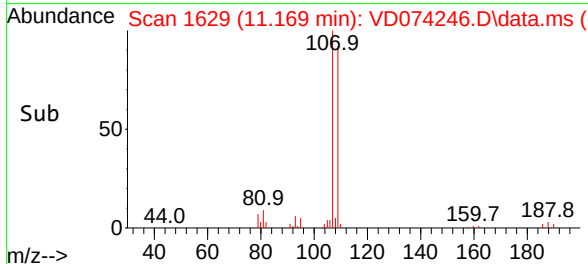
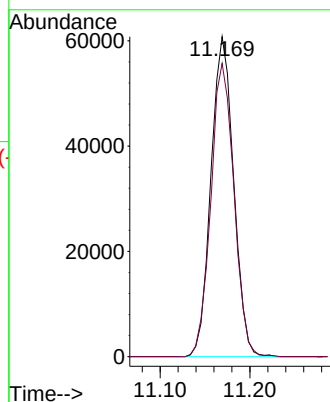
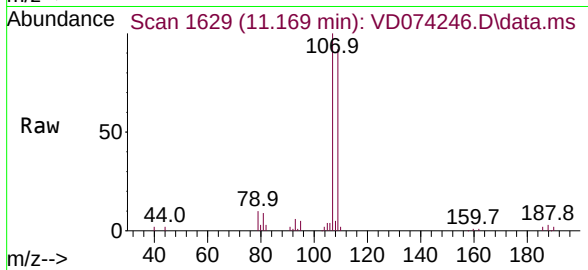




#61
1,2-Dibromoethane
Concen: 99.986 ug/l
RT: 11.169 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

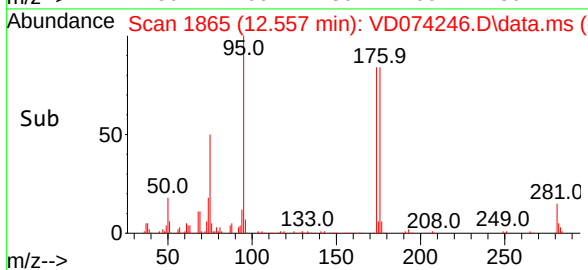
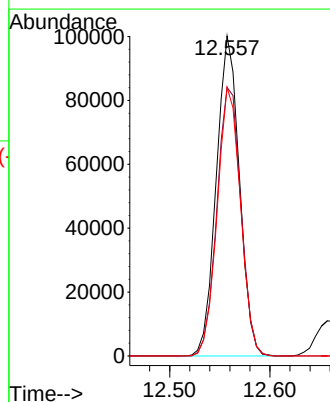
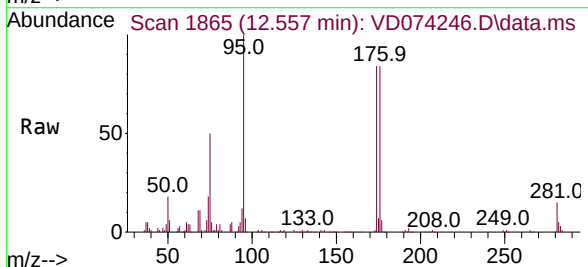
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

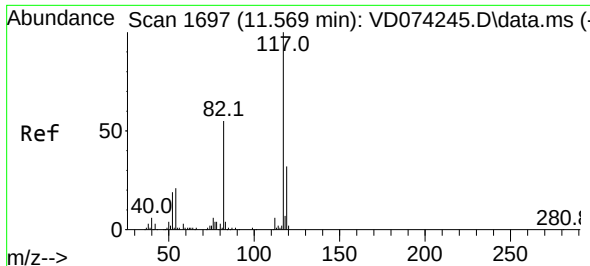
Tgt Ion:107 Resp: 106669
Ion Ratio Lower Upper
107 100
109 93.3 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 93.533 ug/l
RT: 12.557 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 95 Resp: 160192
Ion Ratio Lower Upper
95 100
174 86.9 0.0 179.2
176 84.4 0.0 171.4

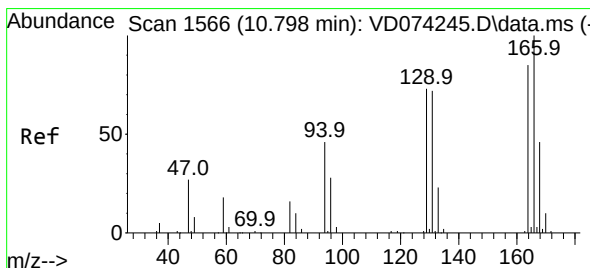
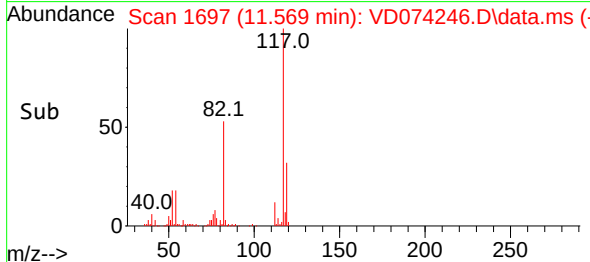
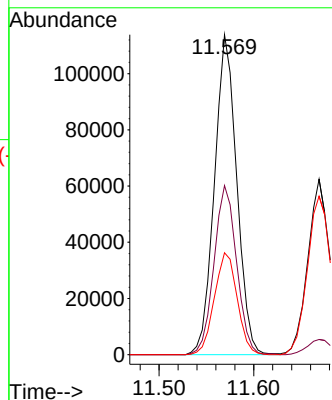
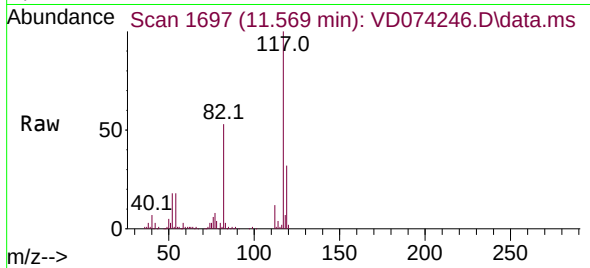




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.569 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

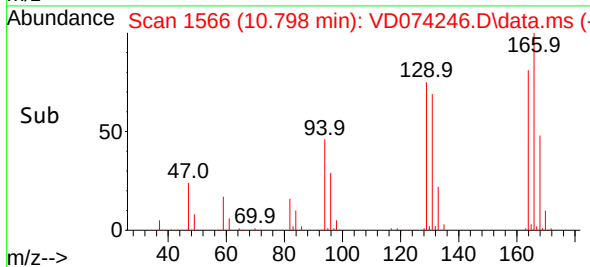
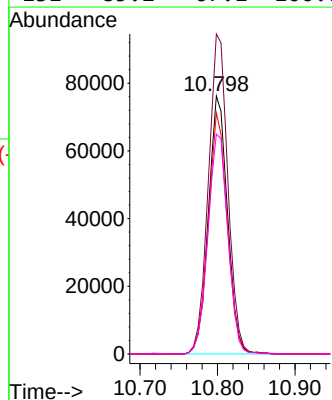
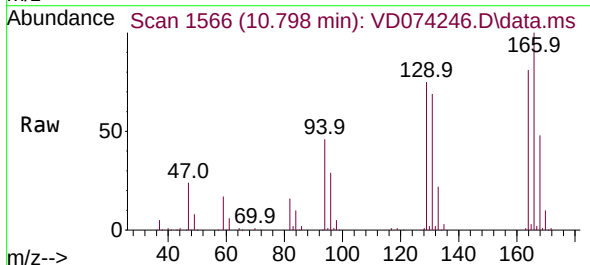
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

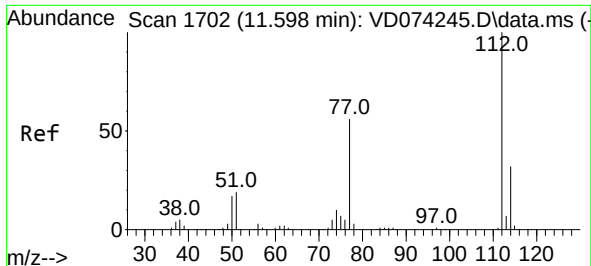
Tgt Ion:	117	Resp:	186597
Ion	Ratio	Lower	Upper
117	100		
82	52.8	44.2	66.2
119	31.9	25.4	38.0



#64
Tetrachloroethene
Concen: 97.469 ug/l
RT: 10.798 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion:	164	Resp:	130926
Ion	Ratio	Lower	Upper
164	100		
166	124.0	93.8	140.8
129	93.3	68.3	102.5
131	85.2	67.1	100.7

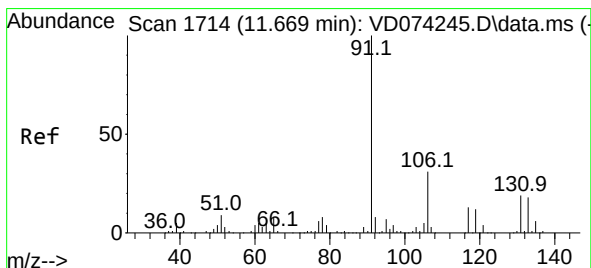
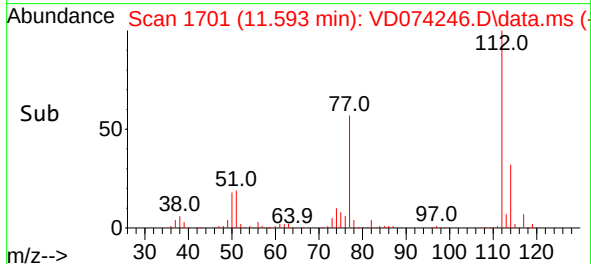
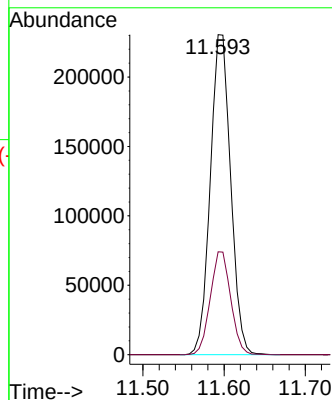
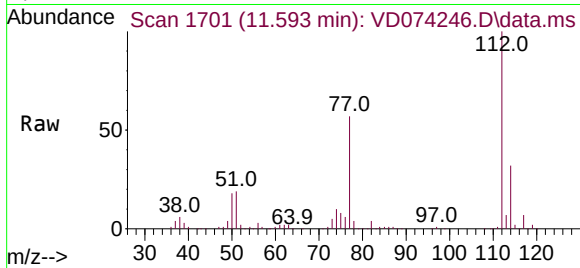




#65
Chlorobenzene
Concen: 99.509 ug/l
RT: 11.593 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

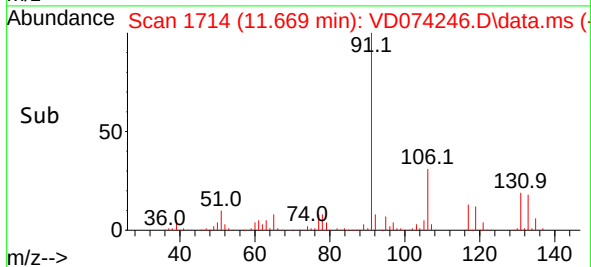
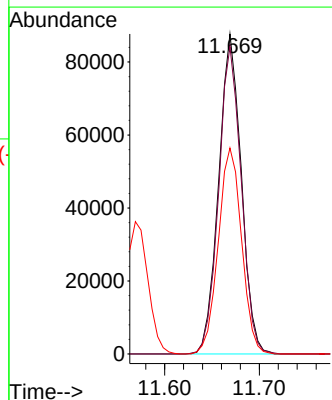
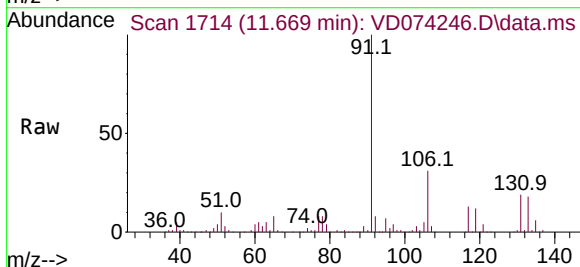
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

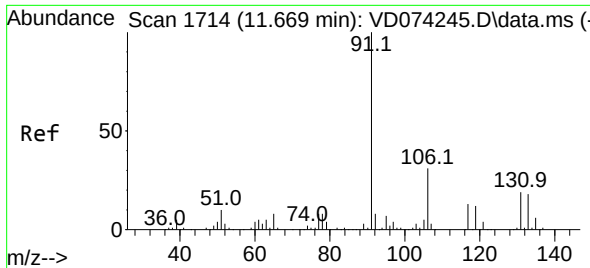
Tgt Ion:112 Resp: 401536
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 96.465 ug/l
RT: 11.669 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion:131 Resp: 145575
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.4
119 66.3 33.1 99.5

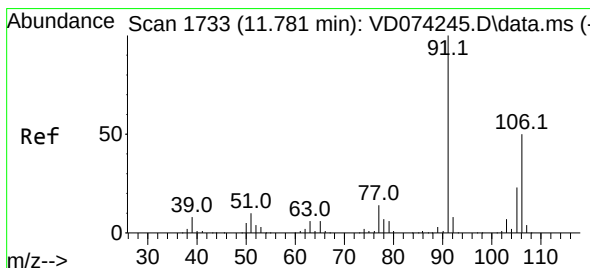
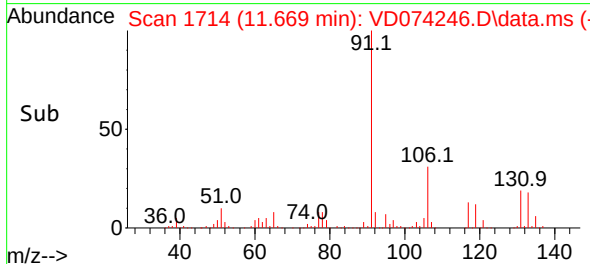
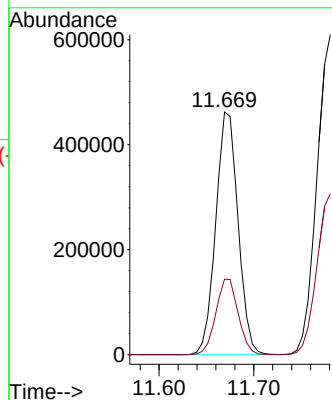
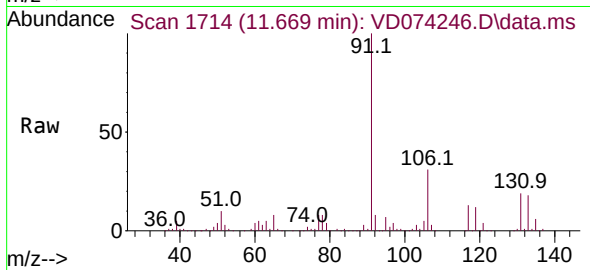




#67
Ethyl Benzene
Concen: 108.999 ug/l
RT: 11.669 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

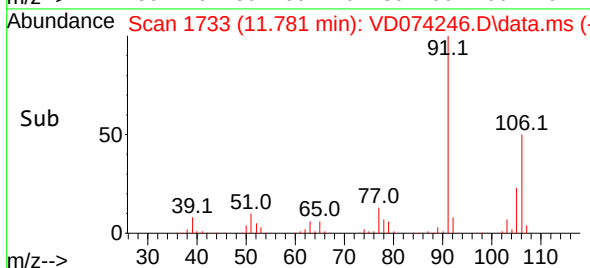
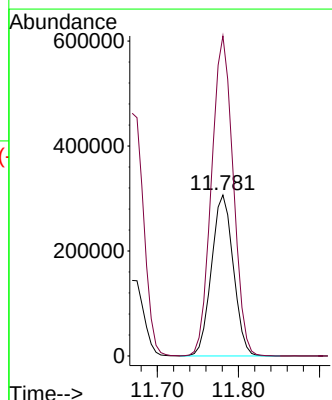
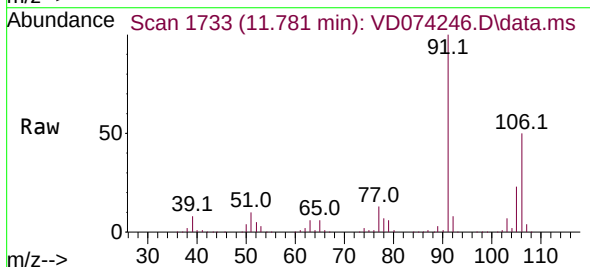
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

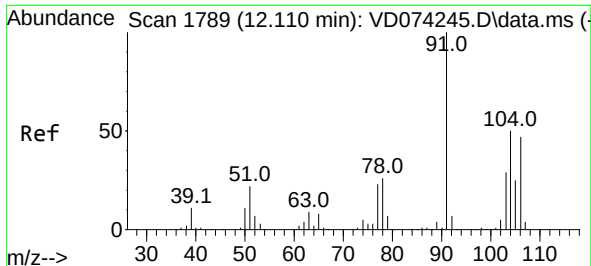
Tgt Ion: 91 Resp: 756772
Ion Ratio Lower Upper
91 100
106 31.1 24.8 37.2



#68
m/p-Xylenes
Concen: 209.466 ug/l
RT: 11.781 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 106 Resp: 572654
Ion Ratio Lower Upper
106 100
91 197.7 158.6 237.8

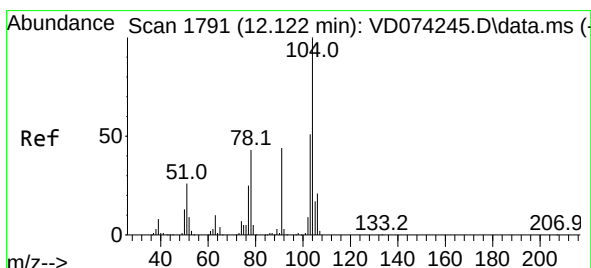
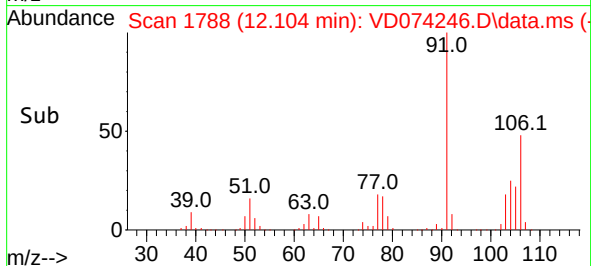
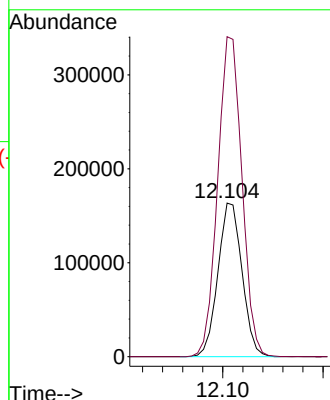
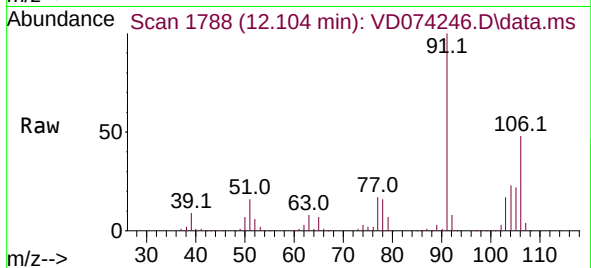




#69
o-Xylene
Concen: 107.399 ug/l
RT: 12.104 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

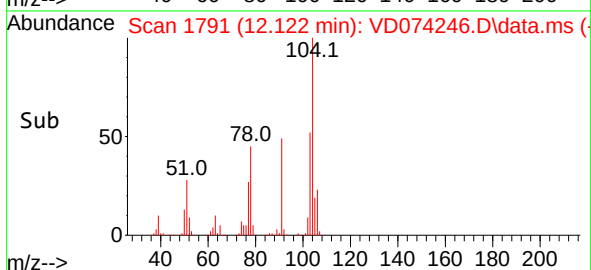
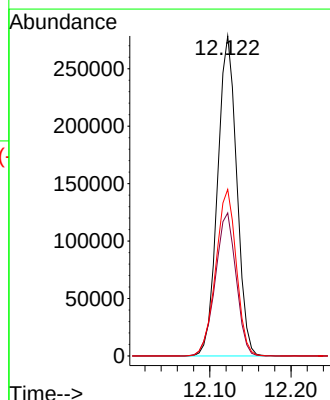
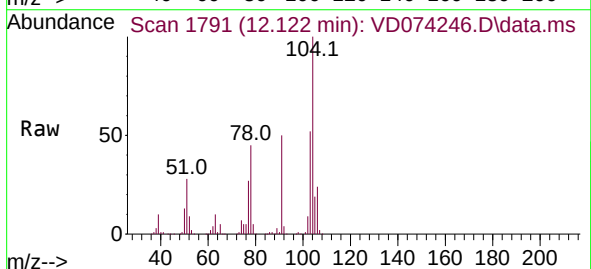
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

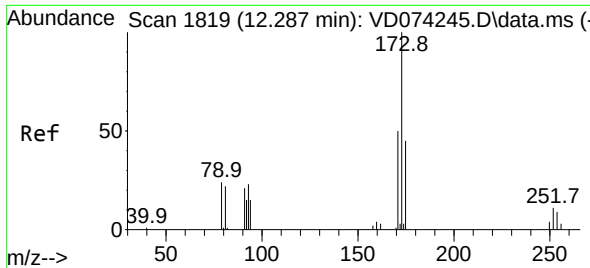
Tgt Ion:106 Resp: 272585
Ion Ratio Lower Upper
106 100
91 209.9 104.0 312.0



#70
Styrene
Concen: 105.222 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion:104 Resp: 456424
Ion Ratio Lower Upper
104 100
78 48.5 38.4 57.6
103 55.8 44.1 66.1

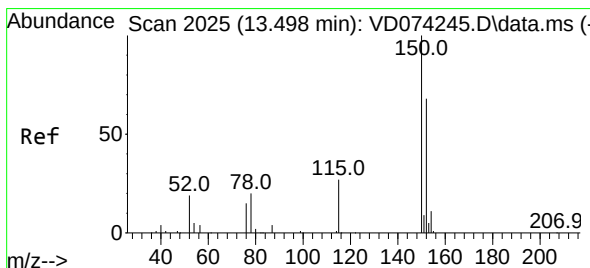
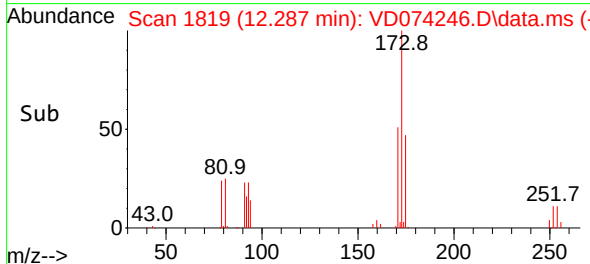
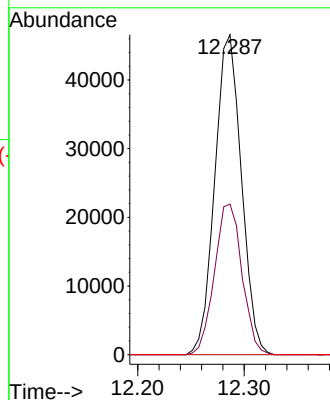
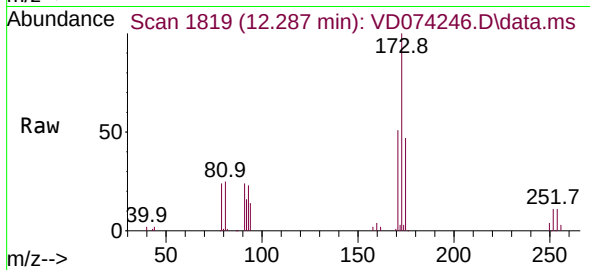




#71
Bromoform
Concen: 97.570 ug/l
RT: 12.287 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

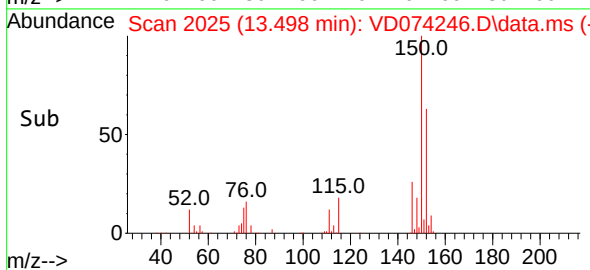
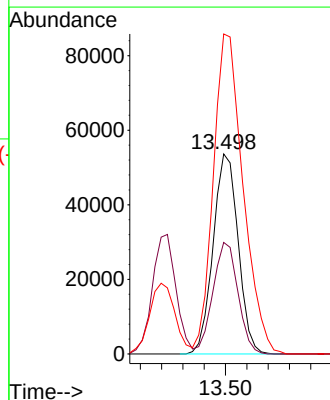
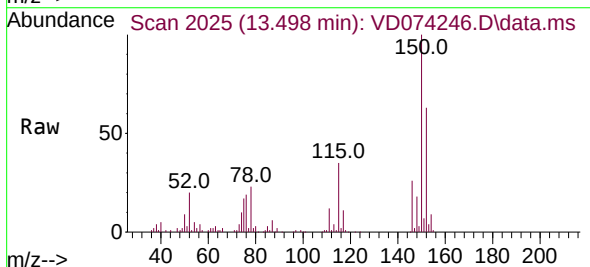
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

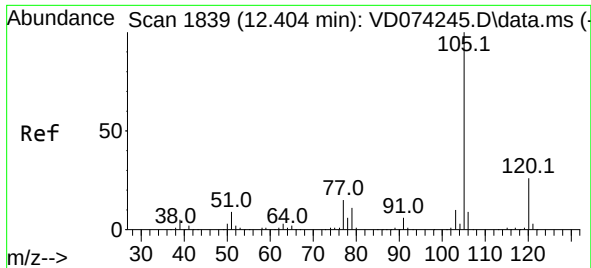
Tgt Ion:173 Resp: 80812
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.498 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion:152 Resp: 87344
Ion Ratio Lower Upper
152 100
115 55.8 28.4 85.2
150 190.5 0.0 351.0

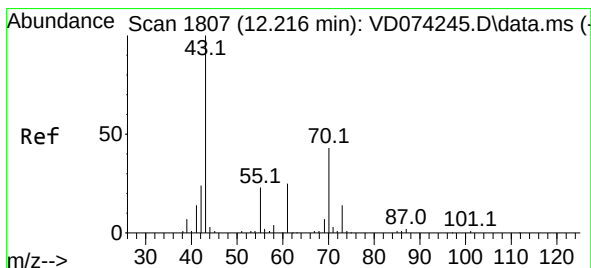
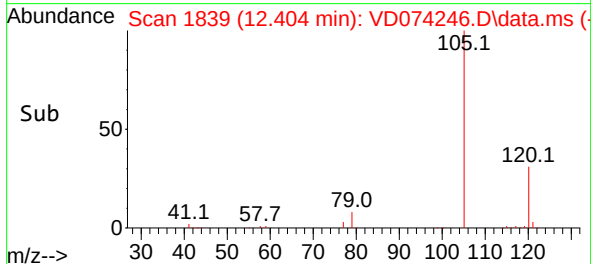
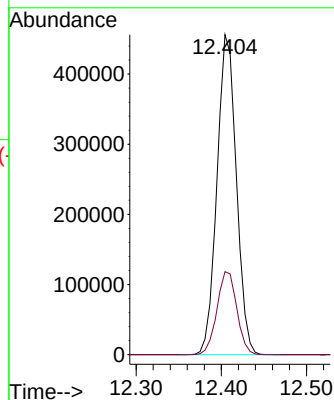
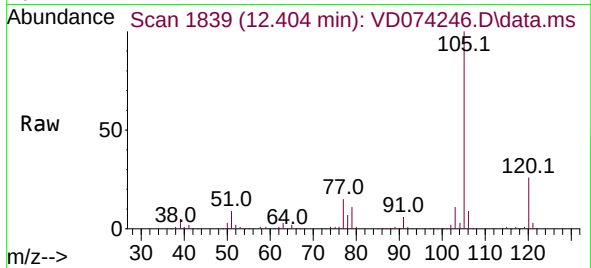




#73
Isopropylbenzene
Concen: 113.545 ug/l
RT: 12.404 min Scan# 1839
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

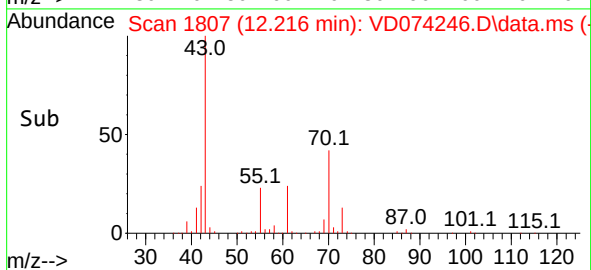
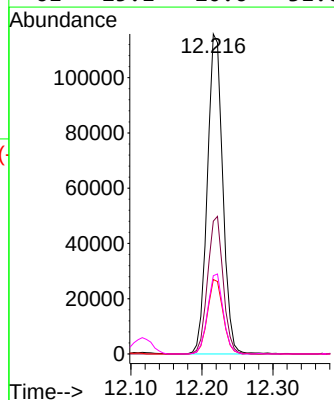
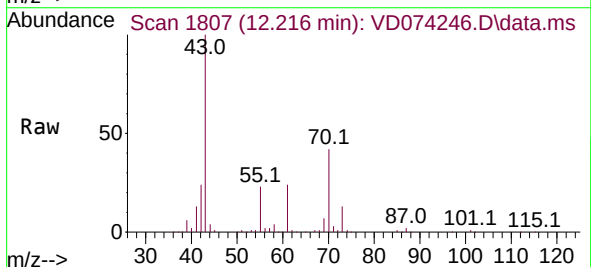
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

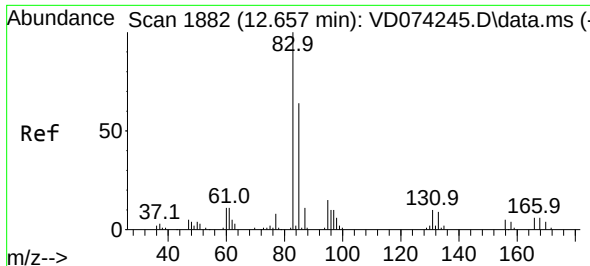
Tgt Ion:105 Resp: 720954
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6



#74
N-ethyl acetate
Concen: 123.097 ug/l
RT: 12.216 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 43 Resp: 174768
Ion Ratio Lower Upper
43 100
70 43.3 34.6 51.8
55 23.5 18.2 27.2
61 25.1 20.6 31.0

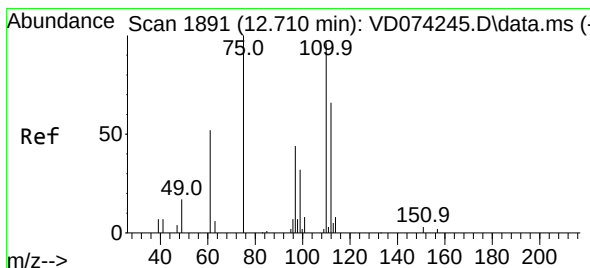
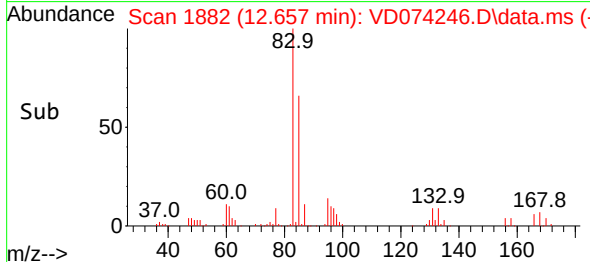
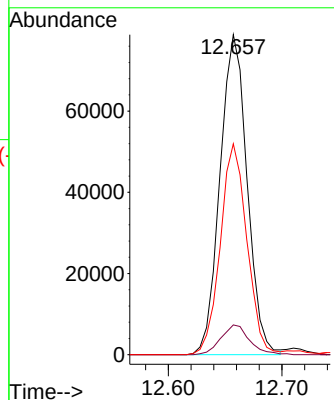
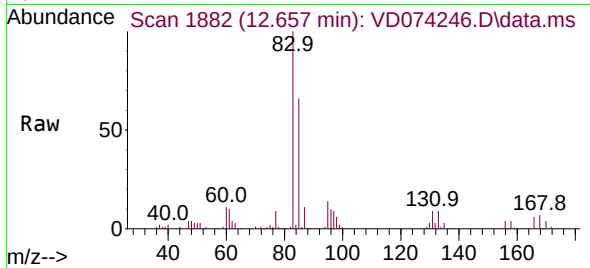




#75
1,1,2,2-Tetrachloroethane
Concen: 113.200 ug/l
RT: 12.657 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

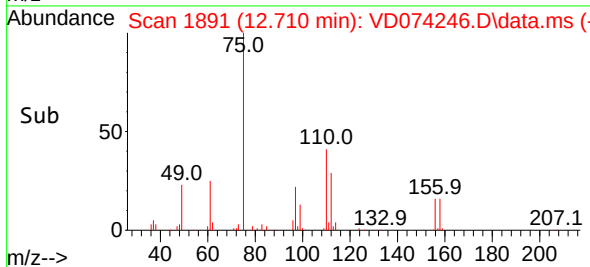
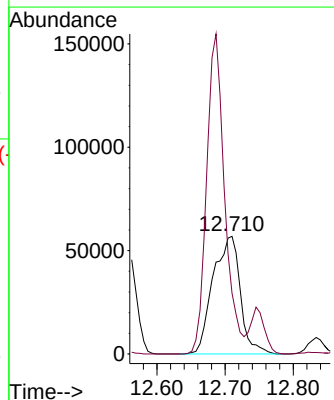
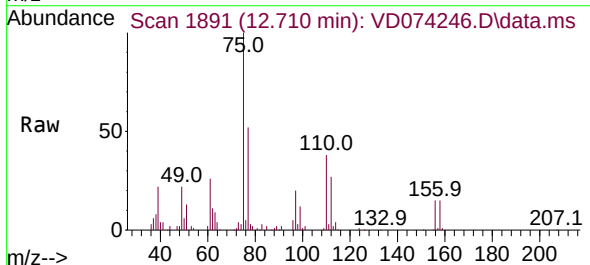
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

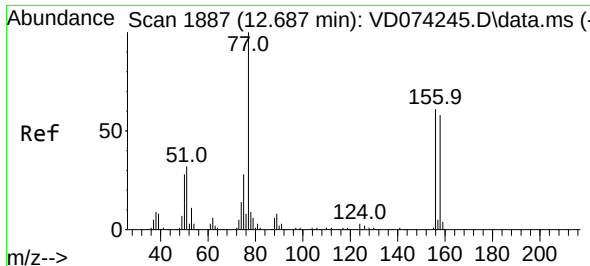
Tgt Ion: 83 Resp: 130928
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 64.5 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 180.885 ug/l
RT: 12.710 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 75 Resp: 158732
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

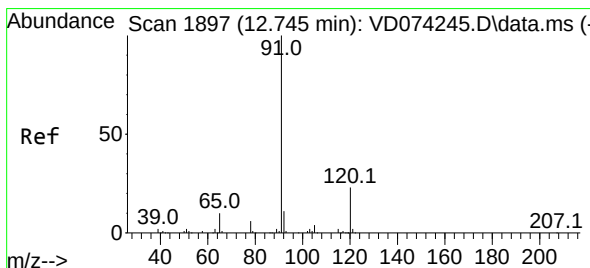
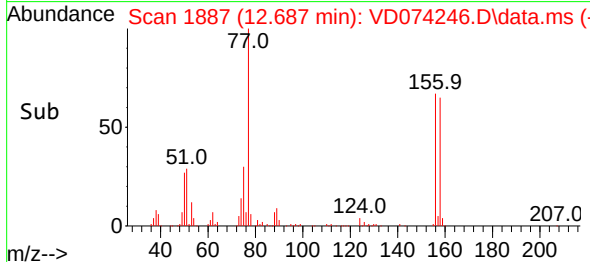
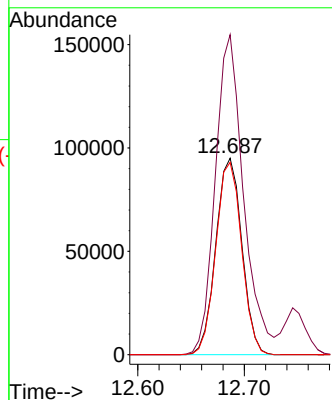
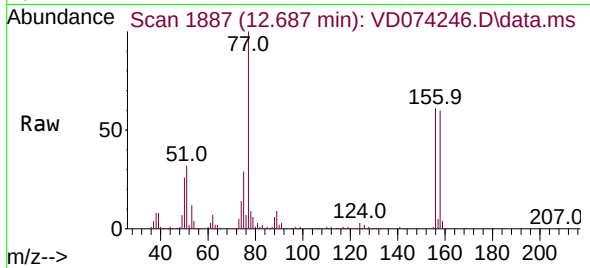




#77
Bromobenzene
Concen: 107.604 ug/l
RT: 12.687 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

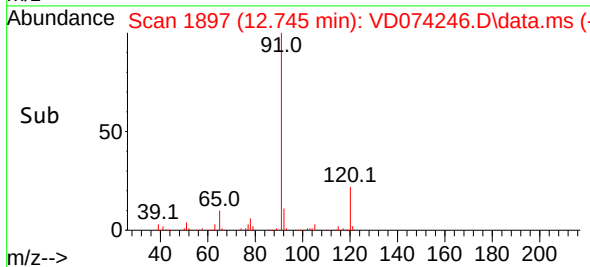
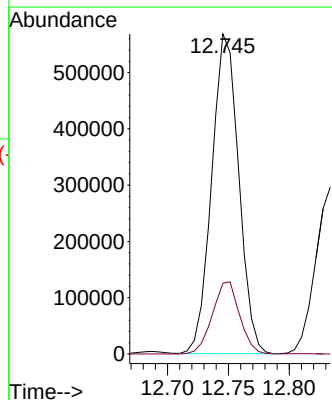
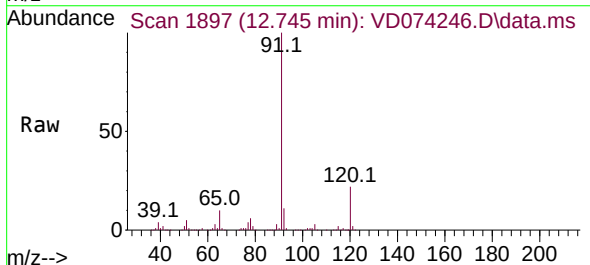
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

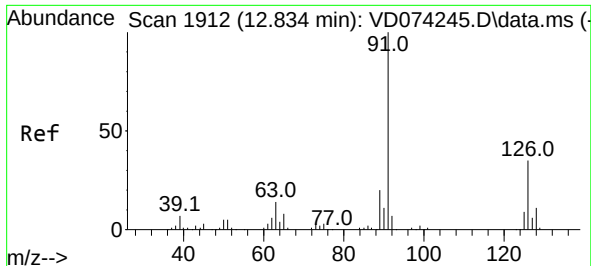
Tgt Ion:156 Resp: 161380
Ion Ratio Lower Upper
156 100
77 176.9 91.1 273.3
158 97.1 49.4 148.2



#78
n-propylbenzene
Concen: 112.964 ug/l
RT: 12.745 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 91 Resp: 877452
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.7





#79

2-Chlorotoluene

Concen: 107.007 ug/l

RT: 12.834 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

Instrument :

MSVOA_D

ClientSampleId :

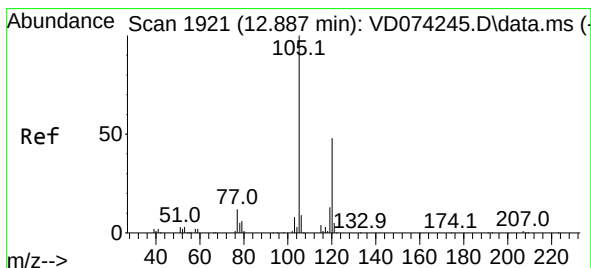
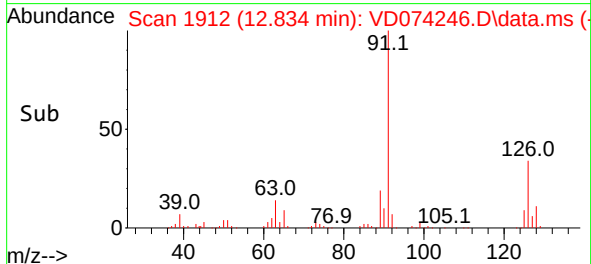
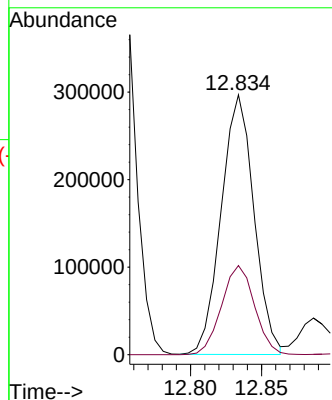
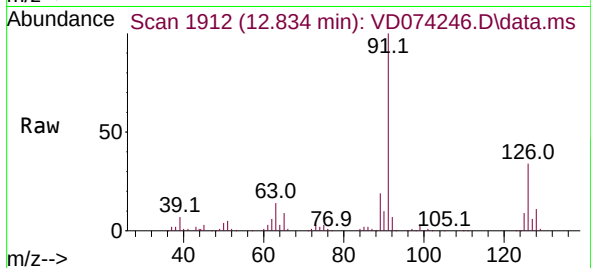
VSTDIC100

Tgt Ion: 91 Resp: 476892

Ion Ratio Lower Upper

91 100

126 34.5 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 108.533 ug/l

RT: 12.887 min Scan# 1921

Delta R.T. 0.000 min

Lab File: VD074246.D

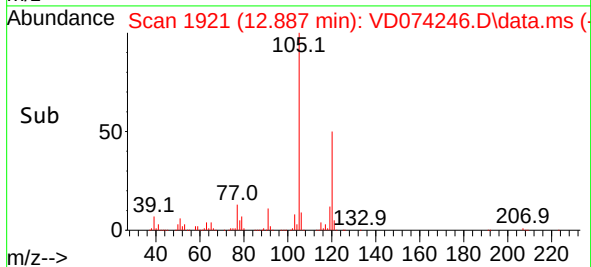
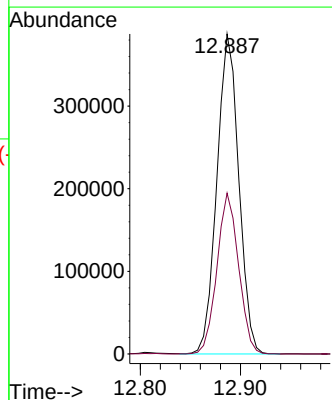
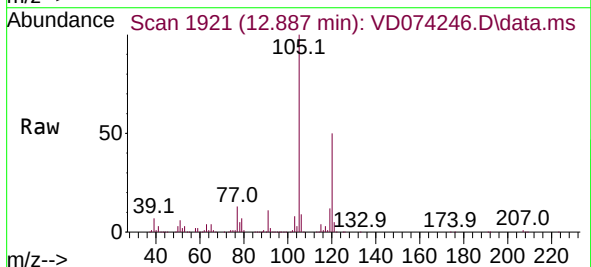
Acq: 09 Sep 2022 17:24

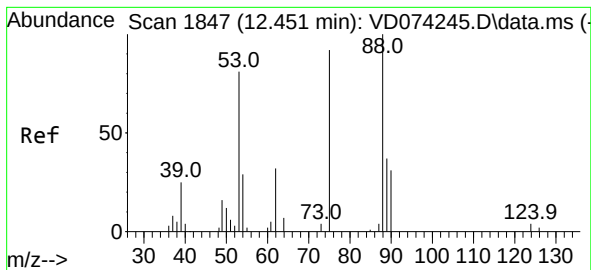
Tgt Ion:105 Resp: 586822

Ion Ratio Lower Upper

105 100

120 49.6 24.6 74.0

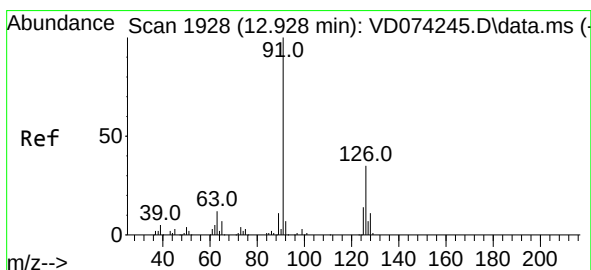
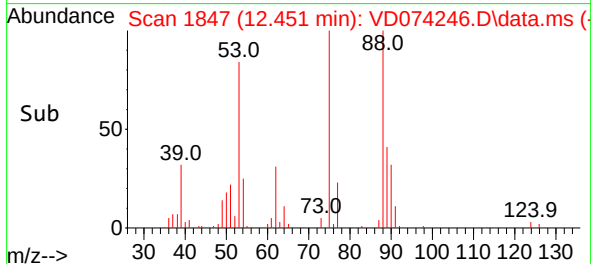
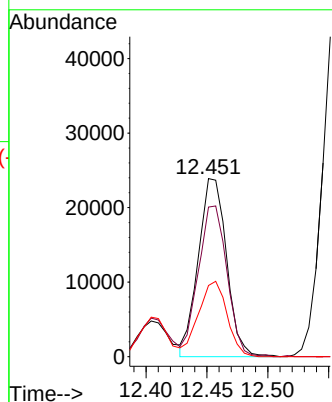
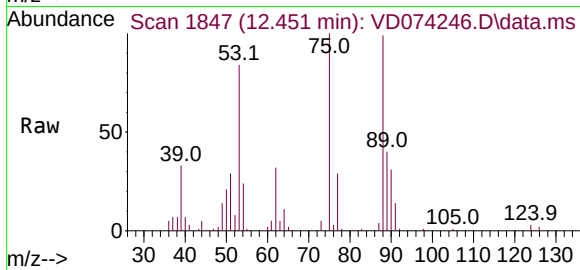




#81
trans-1,4-Dichloro-2-butene
Concen: 116.074 ug/l
RT: 12.451 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

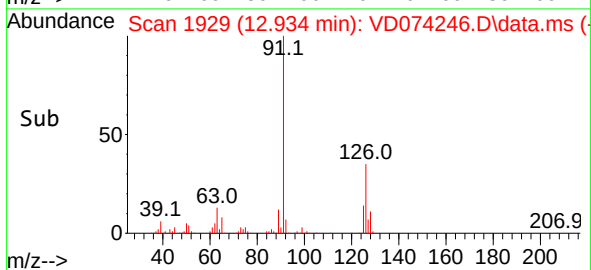
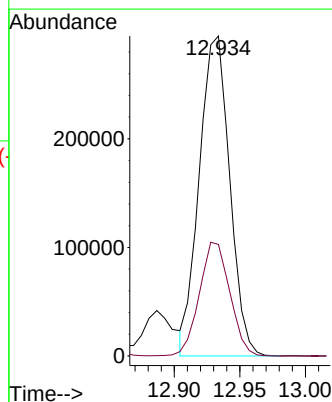
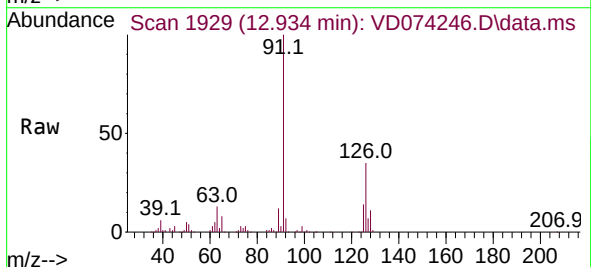
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

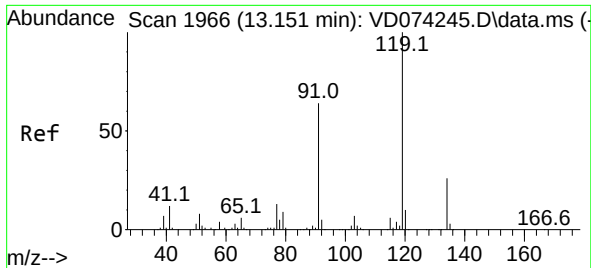
Tgt Ion: 75 Resp: 38675
Ion Ratio Lower Upper
75 100
53 85.8 0.0 0.0#
89 42.8 0.0 0.0#



#82
4-Chlorotoluene
Concen: 101.669 ug/l
RT: 12.934 min Scan# 1929
Delta R.T. 0.006 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 91 Resp: 475894
Ion Ratio Lower Upper
91 100
126 35.7 17.2 51.6

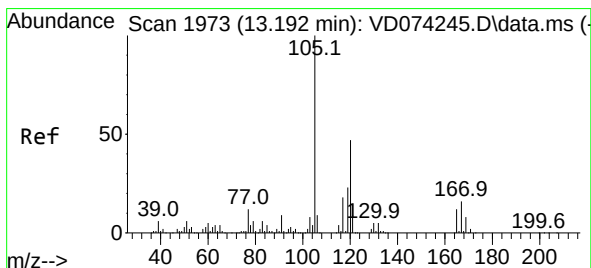
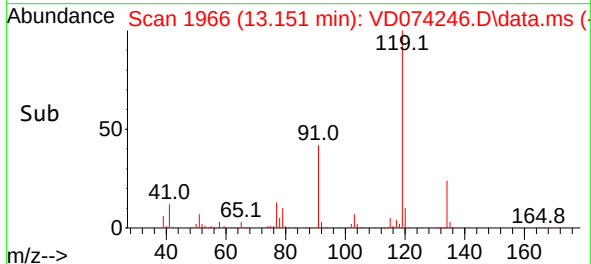
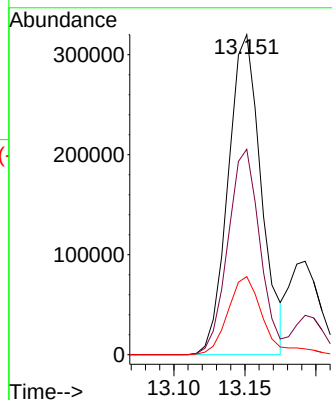
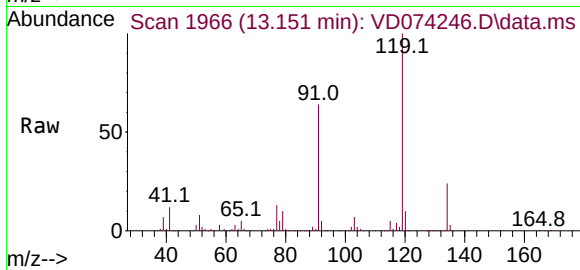




#83
tert-Butylbenzene
Concen: 112.697 ug/l
RT: 13.151 min Scan# 1966
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

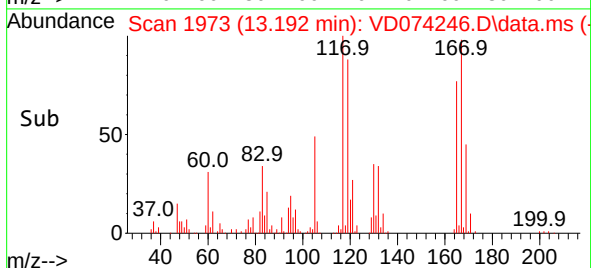
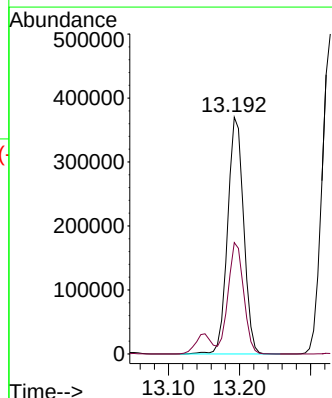
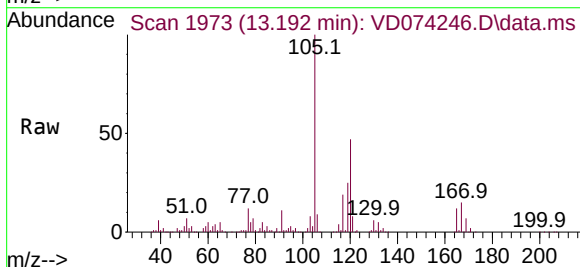
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

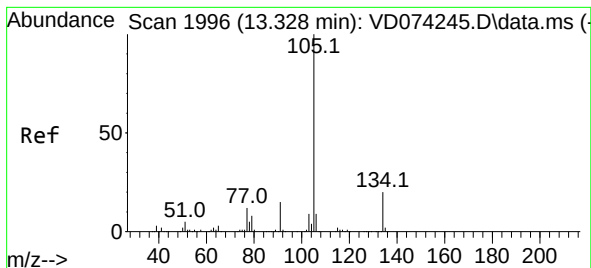
Tgt Ion:119 Resp: 519357
Ion Ratio Lower Upper
119 100
91 62.1 31.3 93.9
134 26.1 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 109.659 ug/l
RT: 13.192 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion:105 Resp: 578430
Ion Ratio Lower Upper
105 100
120 45.5 23.1 69.3





#85

sec-Butylbenzene

Concen: 111.791 ug/l

RT: 13.328 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

Instrument :

MSVOA_D

ClientSampleId :

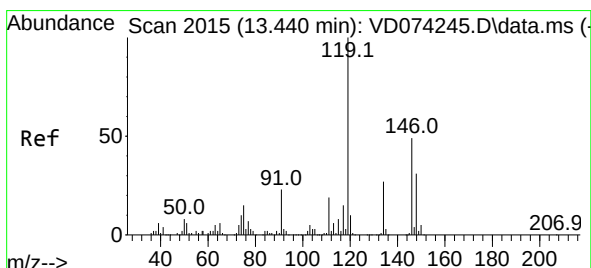
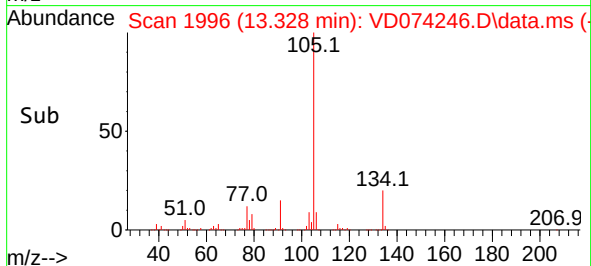
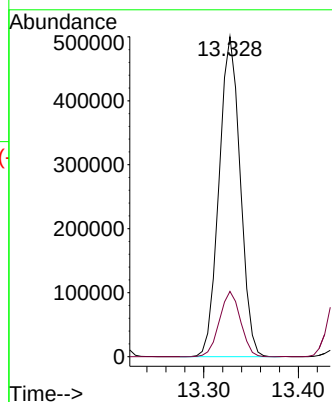
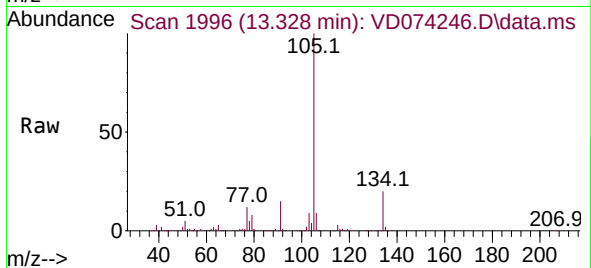
VSTDIC100

Tgt Ion:105 Resp: 776943

Ion Ratio Lower Upper

105 100

134 20.3 10.0 29.8



#86

p-Isopropyltoluene

Concen: 112.362 ug/l

RT: 13.440 min Scan# 2015

Delta R.T. 0.000 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

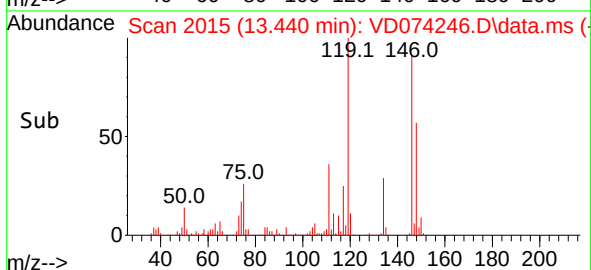
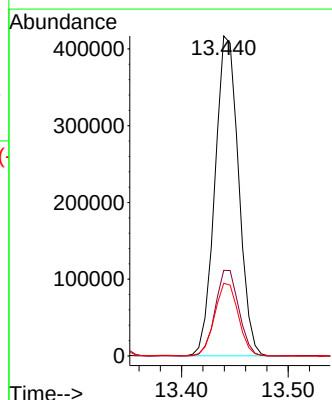
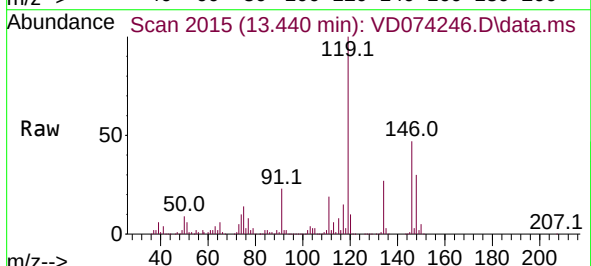
Tgt Ion:119 Resp: 641470

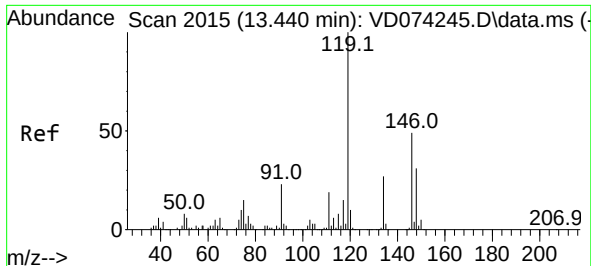
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 22.7 11.2 33.5

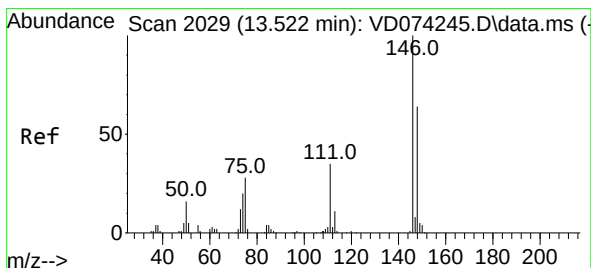
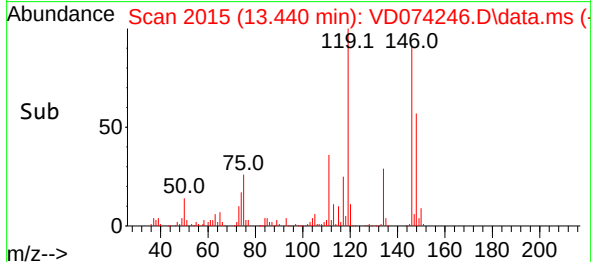
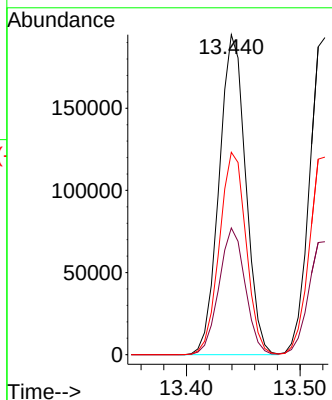
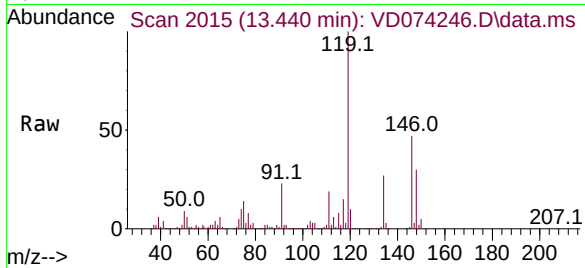




#87
1,3-Dichlorobenzene
Concen: 104.425 ug/l
RT: 13.440 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

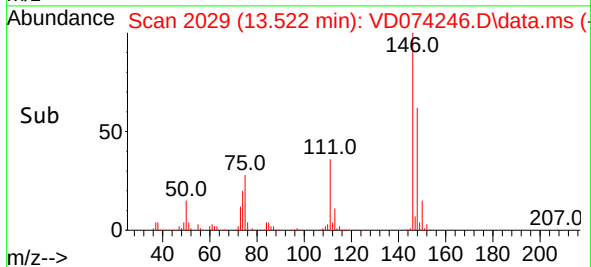
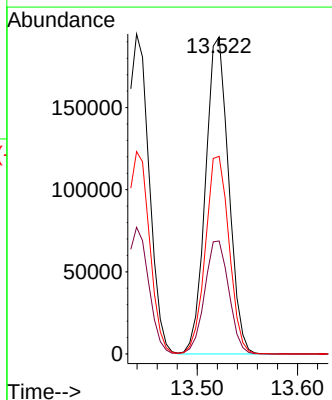
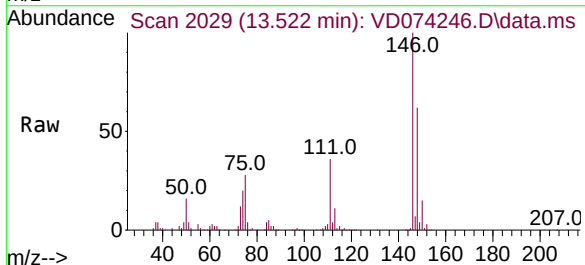
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

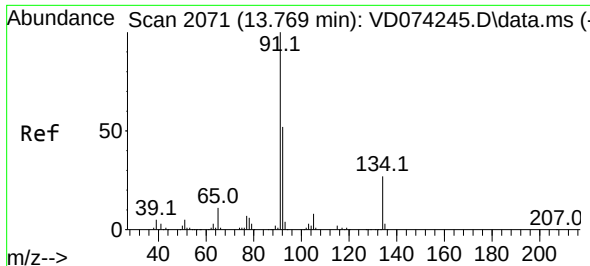
Tgt Ion:146 Resp: 316022
Ion Ratio Lower Upper
146 100
111 39.1 18.1 54.4
148 63.7 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 101.632 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion:146 Resp: 309905
Ion Ratio Lower Upper
146 100
111 37.3 18.4 55.2
148 63.8 32.1 96.5

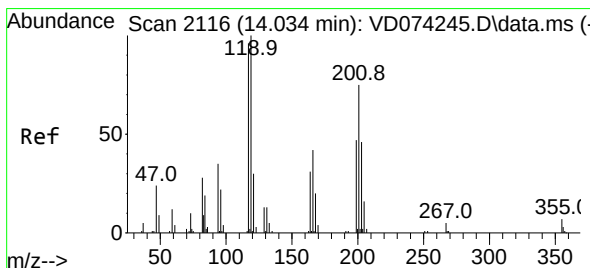
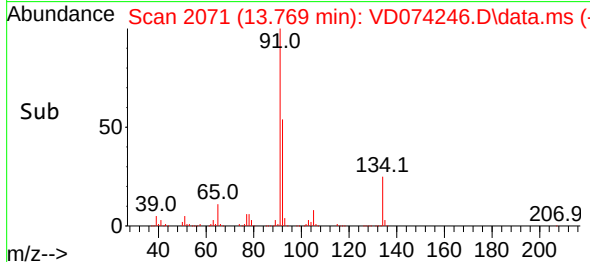
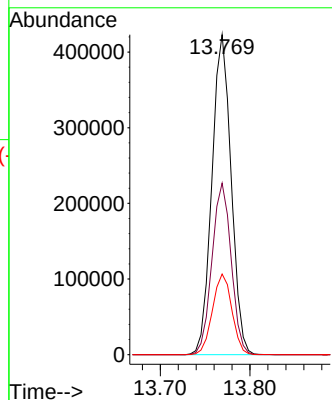
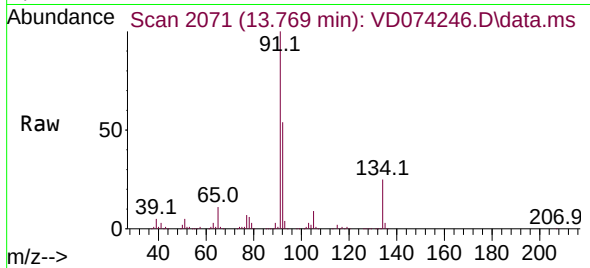




#89
n-Butylbenzene
Concen: 115.287 ug/l
RT: 13.769 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

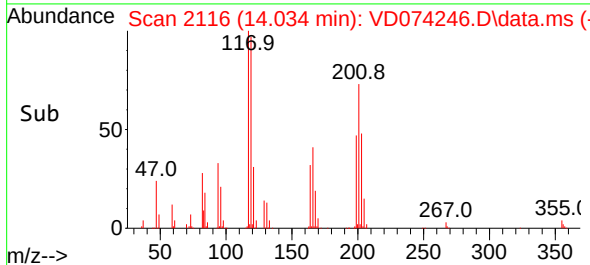
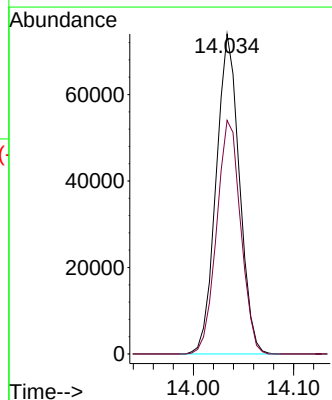
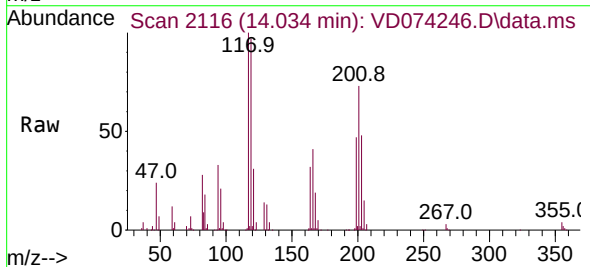
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

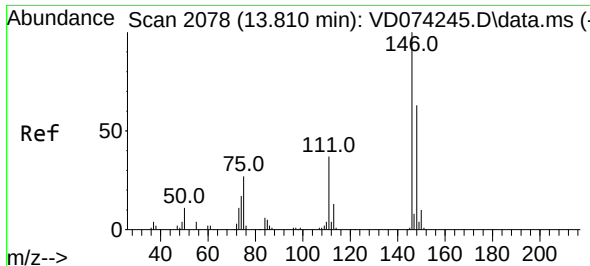
Tgt Ion: 91 Resp: 629607
Ion Ratio Lower Upper
91 100
92 53.6 26.6 79.7
134 25.4 13.1 39.1



#90
Hexachloroethane
Concen: 103.056 ug/l
RT: 14.034 min Scan# 2116
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 117 Resp: 119085
Ion Ratio Lower Upper
117 100
201 75.4 38.0 113.9

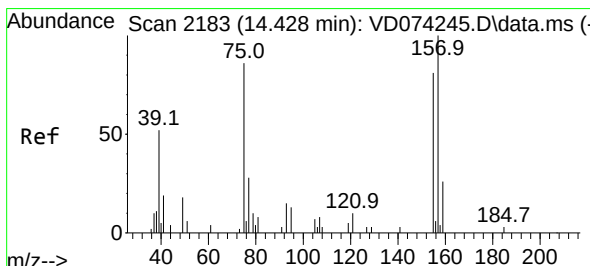
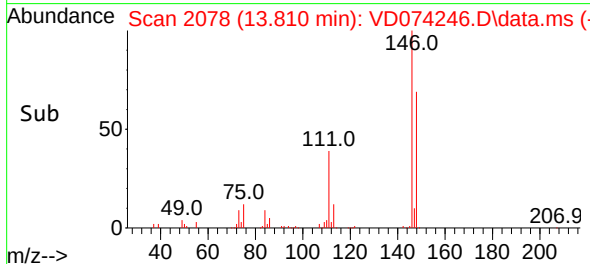
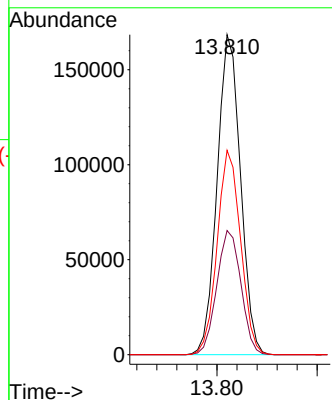
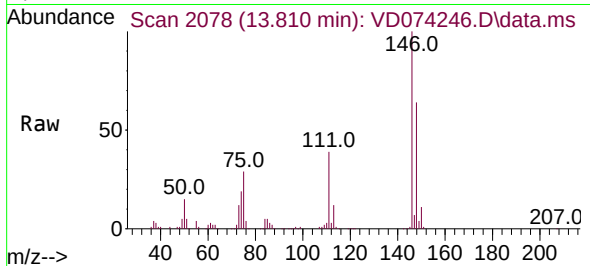




#91
1,2-Dichlorobenzene
Concen: 102.910 ug/l
RT: 13.810 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

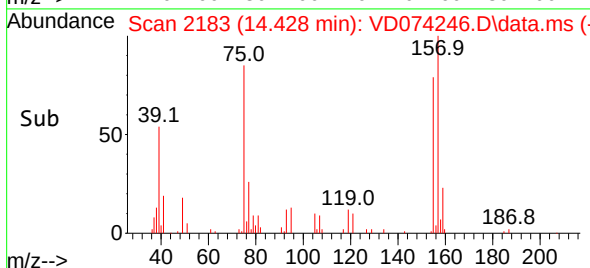
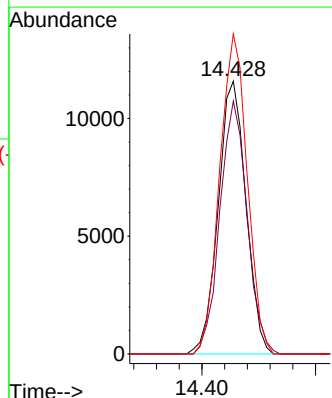
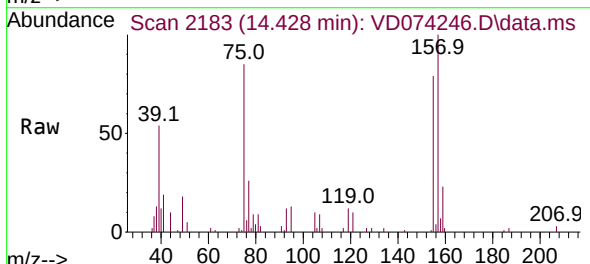
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

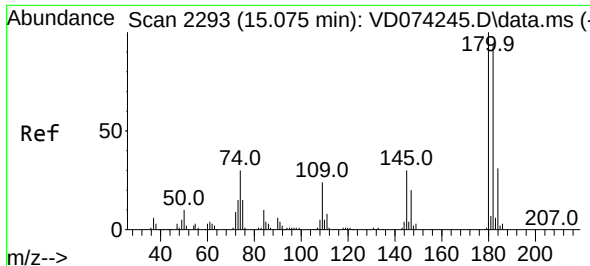
Tgt Ion:146 Resp: 272271
Ion Ratio Lower Upper
146 100
111 40.1 19.4 58.4
148 64.1 31.5 94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 105.800 ug/l
RT: 14.428 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VD074246.D
Acq: 09 Sep 2022 17:24

Tgt Ion: 75 Resp: 19614
Ion Ratio Lower Upper
75 100
155 91.0 49.2 147.6
157 116.2 62.1 186.2

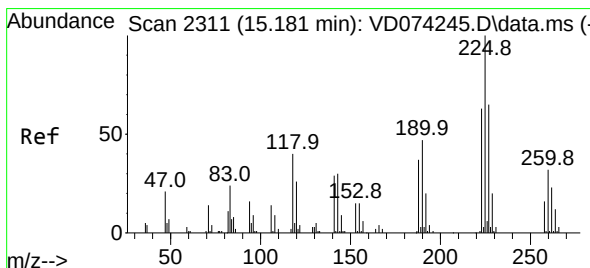
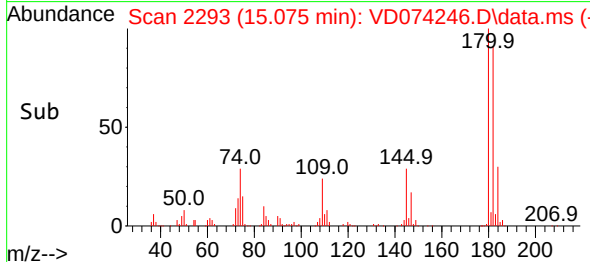
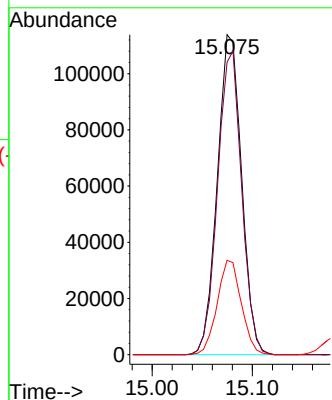
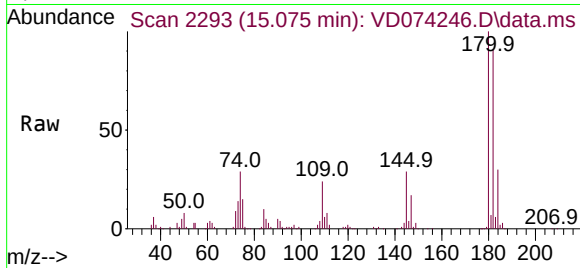




#93
 1,2,4-Trichlorobenzene
 Concen: 116.597 ug/l
 RT: 15.075 min Scan# 2293
 Delta R.T. 0.000 min
 Lab File: VD074246.D
 Acq: 09 Sep 2022 17:24

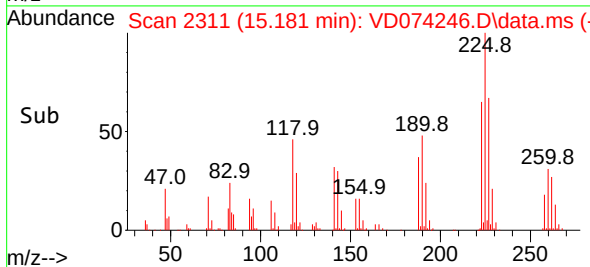
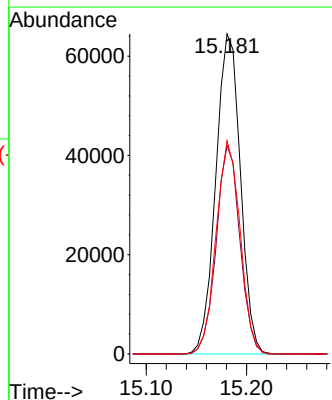
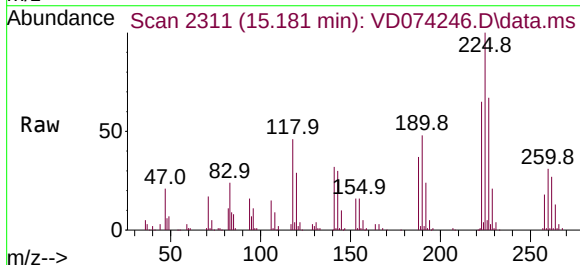
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

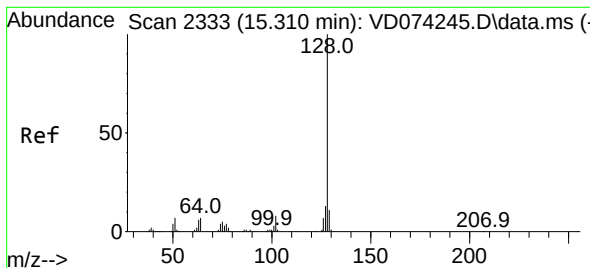
Tgt Ion:180 Resp: 191364
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.6 142.9
 145 29.4 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 118.507 ug/l
 RT: 15.181 min Scan# 2311
 Delta R.T. 0.000 min
 Lab File: VD074246.D
 Acq: 09 Sep 2022 17:24

Tgt Ion:225 Resp: 109954
 Ion Ratio Lower Upper
 225 100
 223 62.5 32.4 97.0
 227 65.0 32.7 98.1





#95

Naphthalene

Concen: 123.948 ug/l

RT: 15.310 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

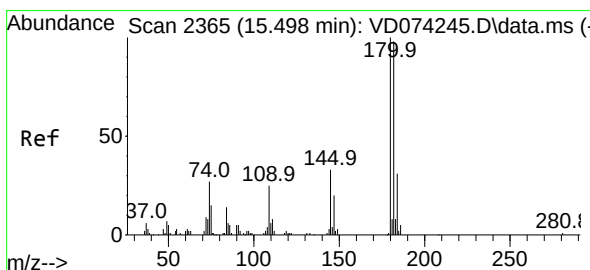
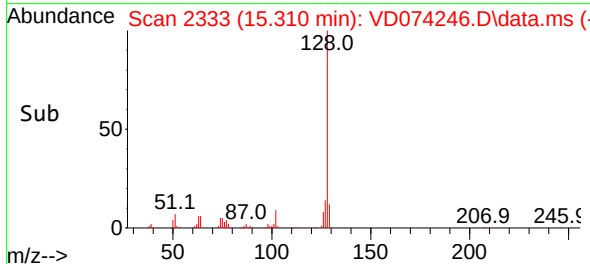
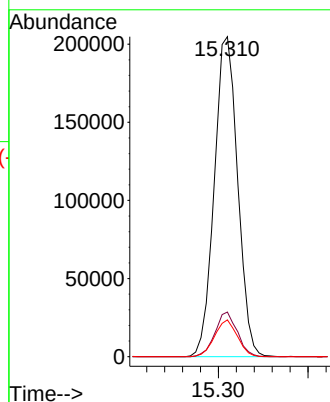
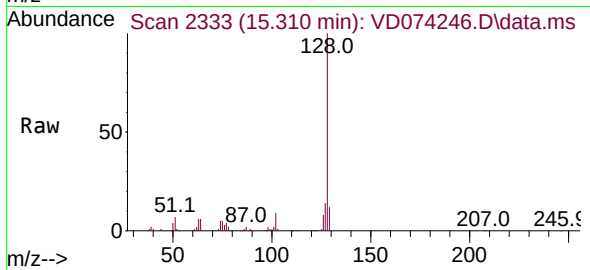
Tgt Ion:128 Resp: 370323

Ion Ratio Lower Upper

128 100

127 13.3 10.9 16.3

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 113.909 ug/l

RT: 15.498 min Scan# 2365

Delta R.T. 0.000 min

Lab File: VD074246.D

Acq: 09 Sep 2022 17:24

Tgt Ion:180 Resp: 163443

Ion Ratio Lower Upper

180 100

182 96.1 47.5 142.5

145 31.2 15.8 47.3

