

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071122\
 Data File : VD073824.D
 Acq On : 11 Jul 2022 12:38
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 12 06:38:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 06:36:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	116909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	222294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	207033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	91482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	34360	23.486	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	46.980%#
35) Dibromofluoromethane	7.908	113	29731	21.241	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	42.480%#
50) Toluene-d8	10.331	98	118913	25.276	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	50.560%#
62) 4-Bromofluorobenzene	12.620	95	40910	20.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	41.260%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	14946	19.049	ug/l	88
3) Chloromethane	2.208	50	19660	19.391	ug/l	99
4) Vinyl Chloride	2.344	62	25833	20.838	ug/l	93
5) Bromomethane	2.744	94	17001	17.494	ug/l	92
6) Chloroethane	2.908	64	19233	20.352	ug/l	90
7) Trichlorofluoromethane	3.261	101	37589	19.619	ug/l	94
8) Diethyl Ether	3.702	74	10188	17.523	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.085	101	22262	18.688	ug/l	99
10) Methyl Iodide	4.296	142	14884	19.294	ug/l	99
11) Tert butyl alcohol	5.179	59	40133	82.824	ug/l #	100
12) 1,1-Dichloroethene	4.055	96	17443	18.694	ug/l	93
13) Acrolein	3.920	56	5043	71.221	ug/l #	59
14) Allyl chloride	4.708	41	33497	18.982	ug/l	96
15) Acrylonitrile	5.414	53	30386	91.350	ug/l	98
16) Acetone	4.155	43	27199	87.868	ug/l	96
17) Carbon Disulfide	4.402	76	31067	20.591	ug/l	98
18) Methyl Acetate	4.708	43	17065	17.195	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	60605	17.432	ug/l	99
20) Methylene Chloride	4.961	84	32455	12.245	ug/l	94
21) trans-1,2-Dichloroethene	5.467	96	20396	18.256	ug/l #	80
22) Diisopropyl ether	6.361	45	84156	18.307	ug/l	94
23) Vinyl Acetate	6.296	43	178975	73.739	ug/l	99
24) 1,1-Dichloroethane	6.255	63	47424	18.532	ug/l	98
25) 2-Butanone	7.202	43	39904	86.337	ug/l	94
26) 2,2-Dichloropropane	7.202	77	43442	17.955	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	27031	17.314	ug/l	100
28) Bromochloromethane	7.537	49	17207	17.238	ug/l	94
29) Tetrahydrofuran	7.561	42	24793	91.354	ug/l	99
30) Chloroform	7.702	83	52773	18.499	ug/l	97
31) Cyclohexane	7.979	56	33699	18.495	ug/l #	90
32) 1,1,1-Trichloroethane	7.896	97	44864	18.565	ug/l	99
36) 1,1-Dichloropropene	8.102	75	32958	19.226	ug/l	96
37) Ethyl Acetate	7.290	43	18461	18.317	ug/l #	91
38) Carbon Tetrachloride	8.085	117	36785	18.878	ug/l #	95
39) Methylcyclohexane	9.343	83	34844	19.773	ug/l	88
40) Benzene	8.337	78	94361	18.710	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	11285	19.212	ug/l	90
42) 1,2-Dichloroethane	8.414	62	33454	19.265	ug/l	98
43) Isopropyl Acetate	8.449	43	35585	17.443	ug/l	99
44) Trichloroethene	9.108	130	24808	18.493	ug/l	85
45) 1,2-Dichloropropane	9.379	63	27445	18.954	ug/l	97
46) Dibromomethane	9.467	93	15106	18.219	ug/l	97
47) Bromodichloromethane	9.655	83	41584	18.411	ug/l	99
48) Methyl methacrylate	9.449	41	15590	16.750	ug/l	93
49) 1,4-Dioxane	9.455	88	3576	347.633	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	96471	90.591	ug/l	98
52) Toluene	10.396	92	63750	19.056	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	37221	17.915	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	43784	19.003	ug/l	96
55) 1,1,2-Trichloroethane	10.790	97	22429	19.329	ug/l	95
56) Ethyl methacrylate	10.649	69	26422	17.839	ug/l	97
57) 1,3-Dichloropropane	10.931	76	37539	18.739	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.931	63	51367	88.178	ug/l	99
59) 2-Hexanone	10.973	43	66025	92.339	ug/l	99
60) Dibromochloromethane	11.131	129	26650	18.533	ug/l	100
61) 1,2-Dibromoethane	11.237	107	20091	18.732	ug/l	99
64) Tetrachloroethene	10.873	164	18959	18.476	ug/l	94
65) Chlorobenzene	11.661	112	70754	18.205	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.731	131	27164	18.086	ug/l	97
67) Ethyl Benzene	11.731	91	133801	18.891	ug/l	97
68) m/p-Xylenes	11.843	106	95903	35.897	ug/l	98
69) o-Xylene	12.167	106	47861	18.593	ug/l	98
70) Styrene	12.178	104	81359	18.055	ug/l	100
71) Bromoform	12.349	173	14555	19.030	ug/l #	99
73) Isopropylbenzene	12.467	105	130748	18.795	ug/l	99
74) N-amyl acetate	12.278	43	34603	17.727	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	27268	18.957	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	32352	31.463	ug/l #	1
77) Bromobenzene	12.749	156	27147	18.681	ug/l	99
78) n-propylbenzene	12.808	91	166290	18.956	ug/l	98
79) 2-Chlorotoluene	12.896	91	91221	18.404	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	108950	18.677	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	7445	17.021	ug/l	87
82) 4-Chlorotoluene	12.990	91	99599	19.128	ug/l	99
83) tert-Butylbenzene	13.208	119	94340	18.308	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	110259	19.083	ug/l	100
85) sec-Butylbenzene	13.384	105	148607	18.728	ug/l	99
86) p-Isopropyltoluene	13.502	119	120472	19.008	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	58259	19.106	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	57692	18.748	ug/l	98
89) n-Butylbenzene	13.825	91	121535	18.962	ug/l	99
90) Hexachloroethane	14.096	117	22925	18.128	ug/l	96
91) 1,2-Dichlorobenzene	13.872	146	50230	18.653	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.484	75	4380	18.442	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	28150	18.181	ug/l	99
94) Hexachlorobutadiene	15.249	225	14569	19.497	ug/l	94
95) Naphthalene	15.378	128	59818	17.324	ug/l	99
96) 1,2,3-Trichlorobenzene	15.572	180	24698	18.153	ug/l	99

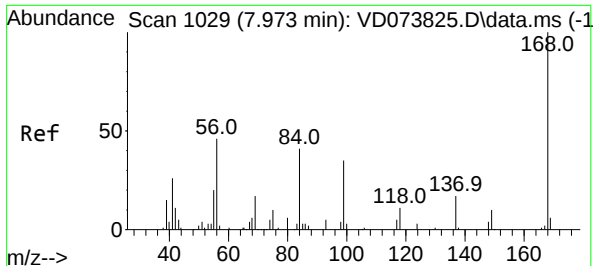
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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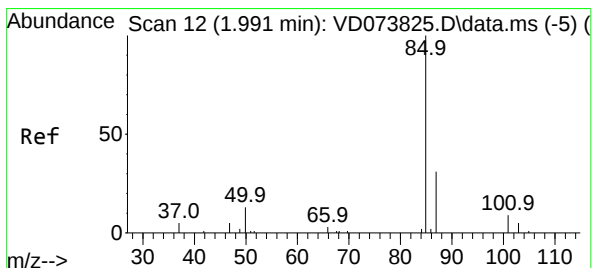
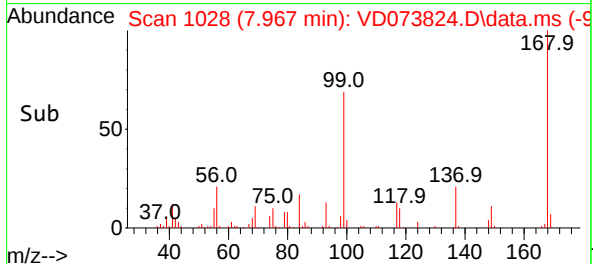
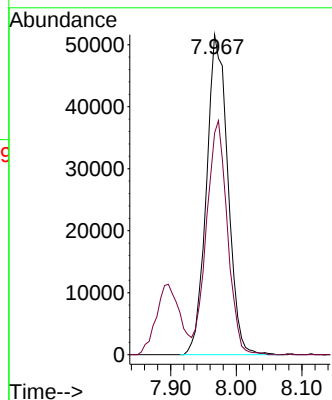
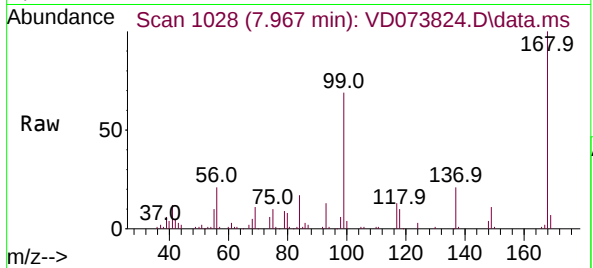
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

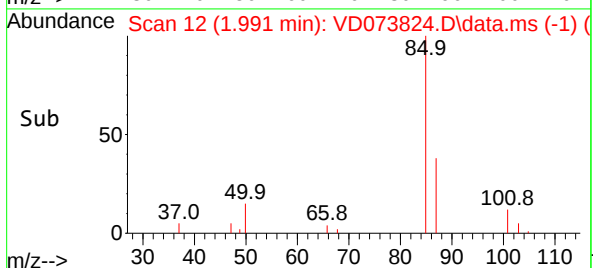
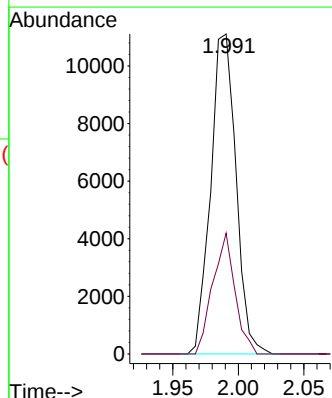
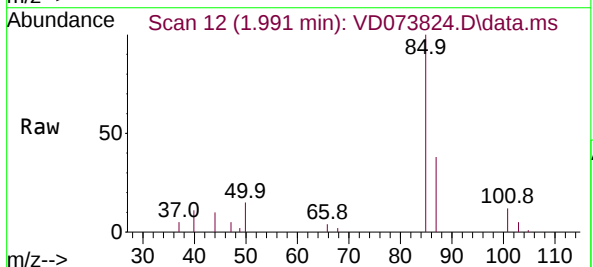
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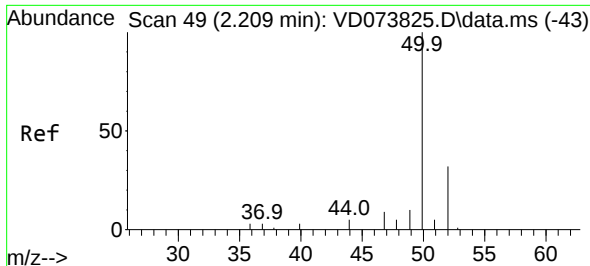
Tgt Ion:168 Resp: 116909
Ion Ratio Lower Upper
168 100
99 69.3 53.8 80.6



#2
Dichlorodifluoromethane
Concen: 19.049 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion: 85 Resp: 14946
Ion Ratio Lower Upper
85 100
87 37.7 15.6 46.7

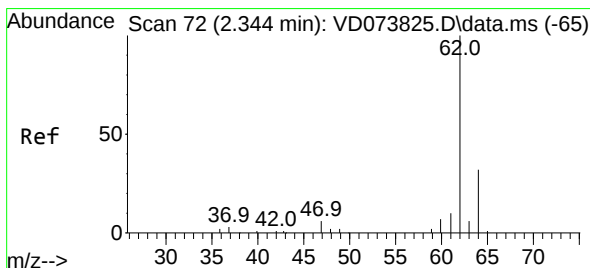
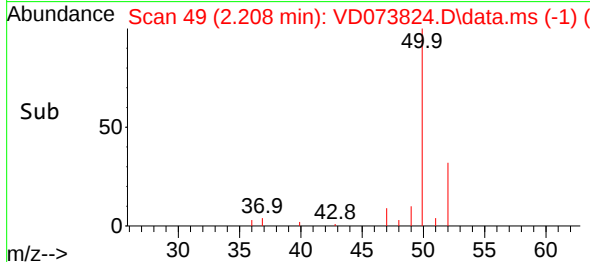
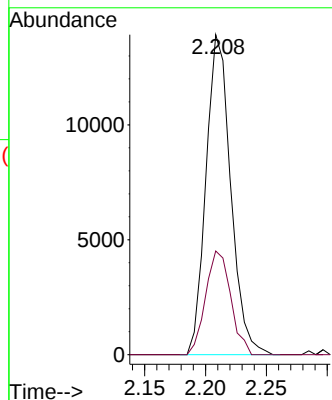
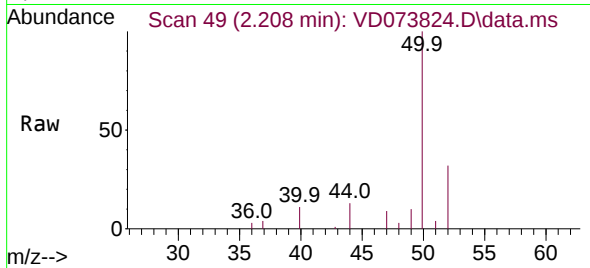




#3
Chloromethane
Concen: 19.391 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

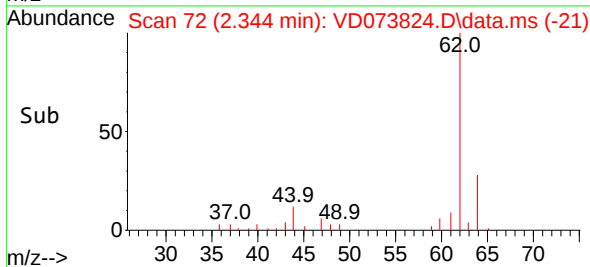
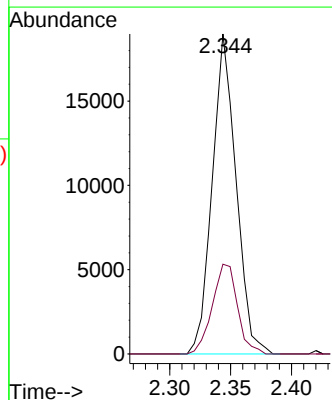
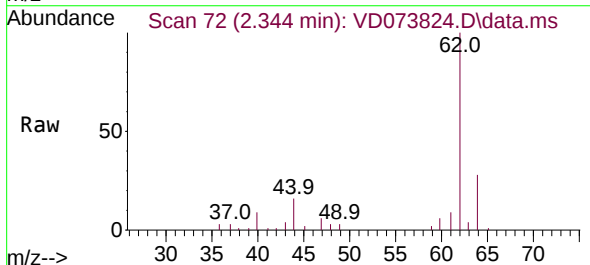
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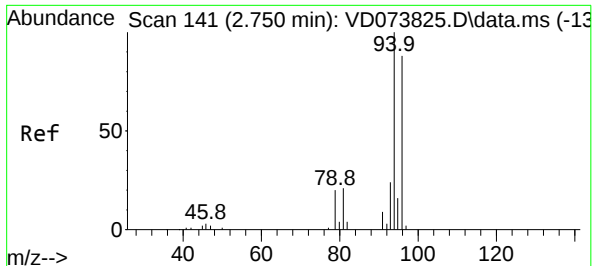
Tgt Ion: 50 Resp: 19660
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3



#4
Vinyl Chloride
Concen: 20.838 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion: 62 Resp: 25833
Ion Ratio Lower Upper
62 100
64 28.0 25.4 38.0

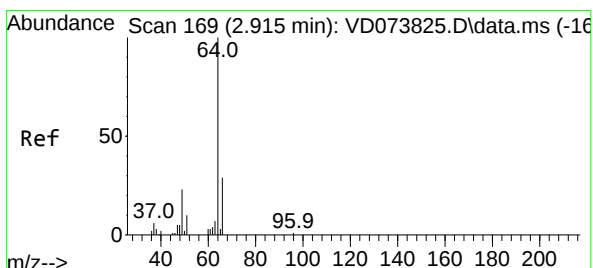
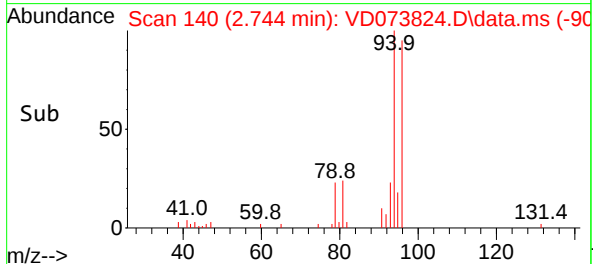
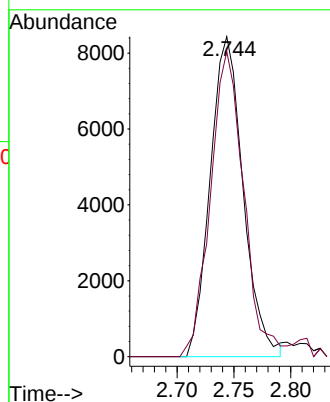
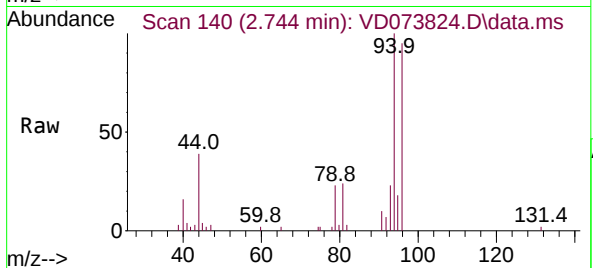




#5
Bromomethane
Concen: 17.494 ug/l
RT: 2.744 min Scan# 141
Delta R.T. -0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

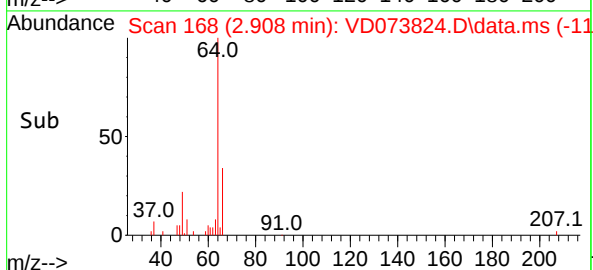
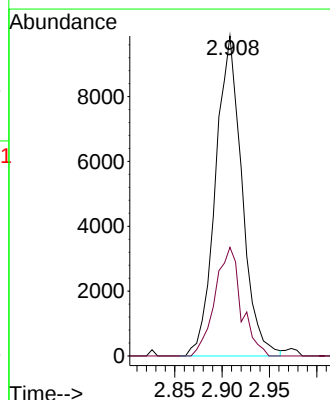
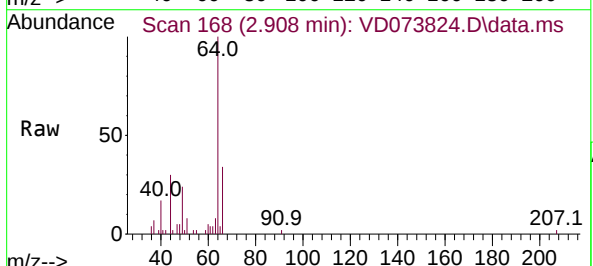
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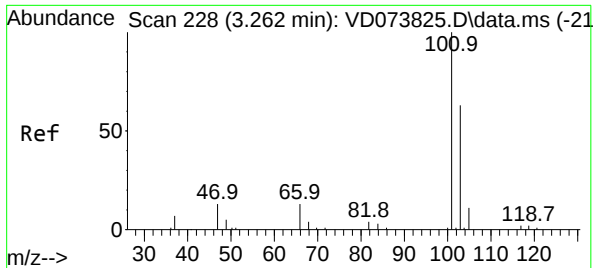
Tgt Ion: 94 Resp: 17001
Ion Ratio Lower Upper
94 100
96 95.3 70.3 105.5



#6
Chloroethane
Concen: 20.352 ug/l
RT: 2.908 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion: 64 Resp: 19233
Ion Ratio Lower Upper
64 100
66 33.9 23.0 34.6

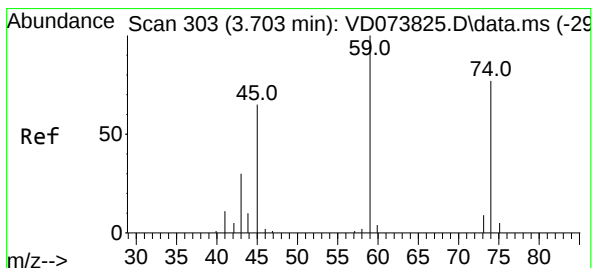
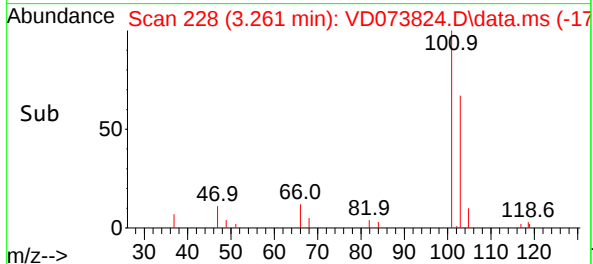
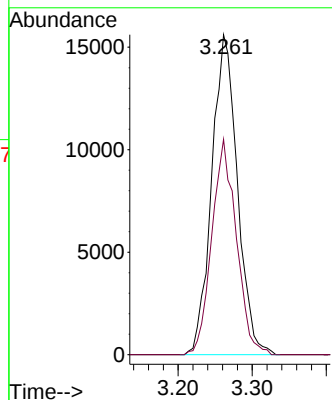
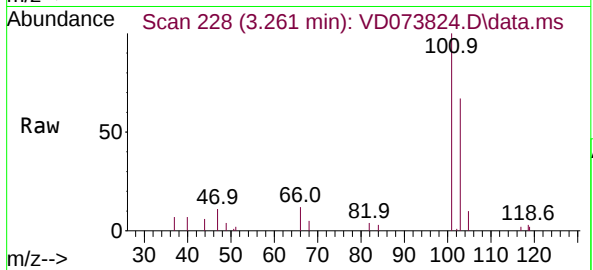




#7
 Trichlorofluoromethane
 Concen: 19.619 ug/l
 RT: 3.261 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD073824.D
 Acq: 11 Jul 2022 12:38

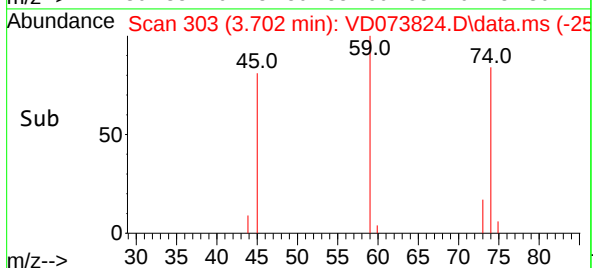
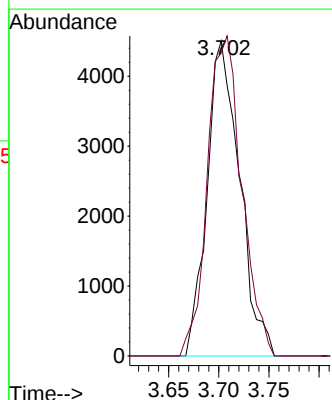
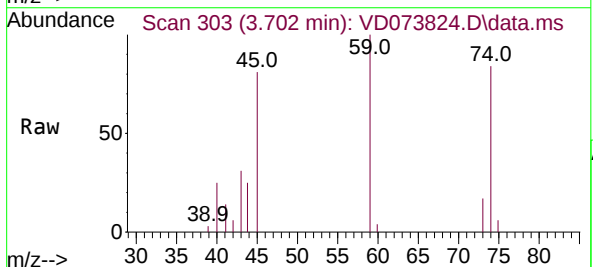
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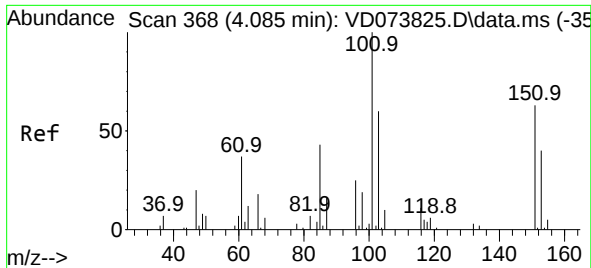
Tgt Ion:101 Resp: 37589
 Ion Ratio Lower Upper
 101 100
 103 67.3 50.3 75.5



#8
 Diethyl Ether
 Concen: 17.523 ug/l
 RT: 3.702 min Scan# 303
 Delta R.T. -0.000 min
 Lab File: VD073824.D
 Acq: 11 Jul 2022 12:38

Tgt Ion: 74 Resp: 10188
 Ion Ratio Lower Upper
 74 100
 45 107.0 48.9 146.7

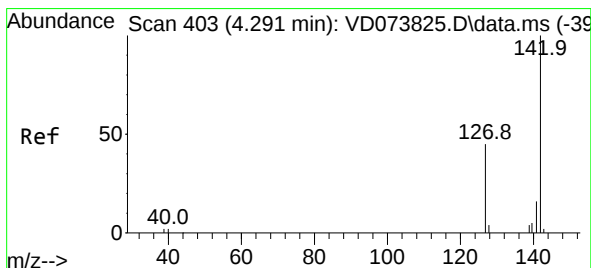
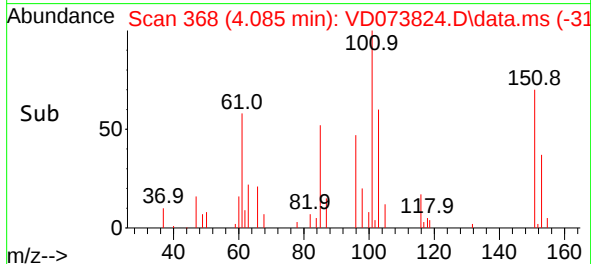
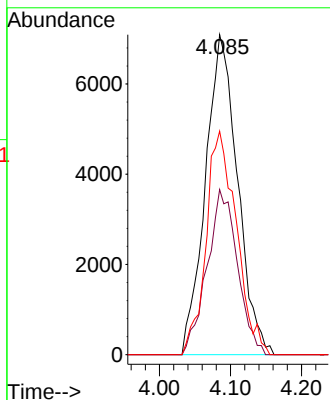
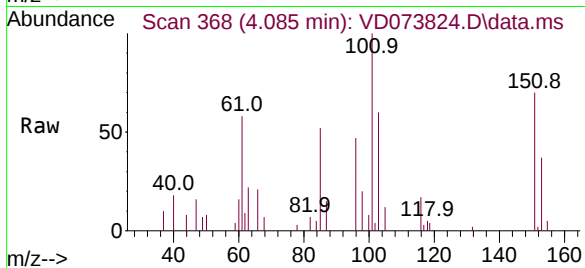




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.688 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.000 min
Lab File: VD073824.D
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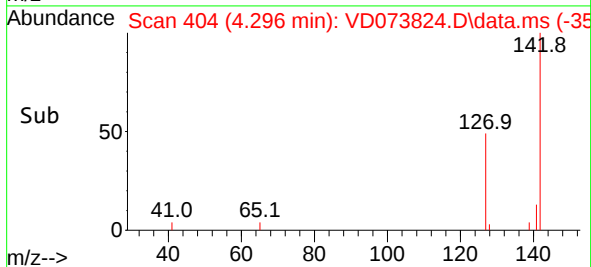
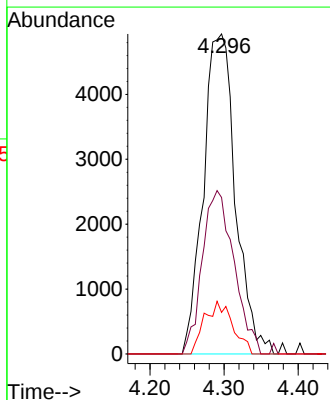
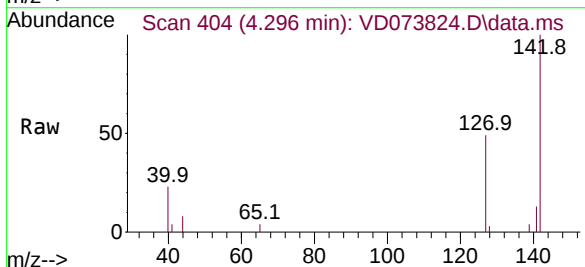
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

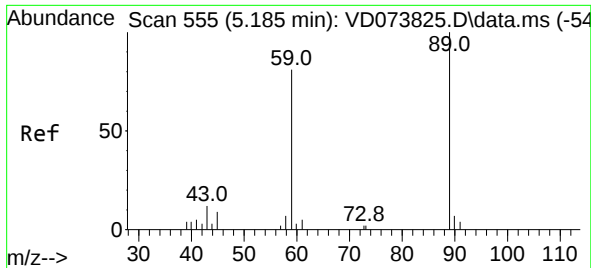
Tgt Ion:	101	Resp:	22262
Ion	Ratio	Lower	Upper
101	100		
85	48.8	38.6	57.8
151	66.0	53.6	80.4



#10
Methyl Iodide
Concen: 19.294 ug/l
RT: 4.296 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion:	142	Resp:	14884
Ion	Ratio	Lower	Upper
142	100		
127	50.3	39.8	59.6
141	14.3	11.9	17.9

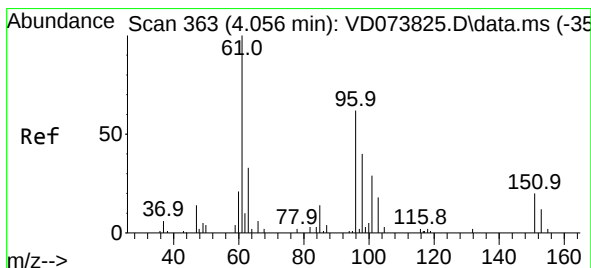
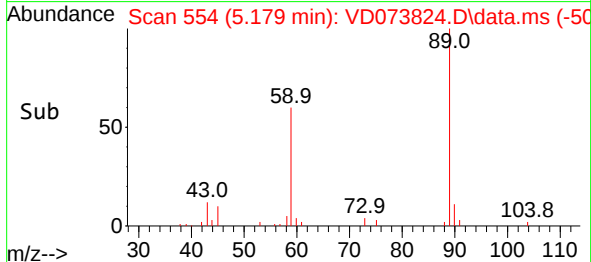
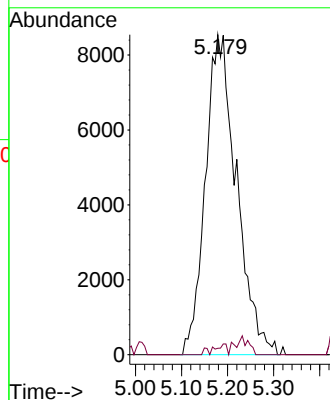
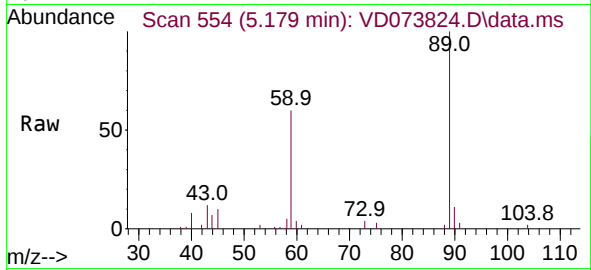




#11
Tert butyl alcohol
Concen: 82.824 ug/l
RT: 5.179 min Scan# 511
Delta R.T. -0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

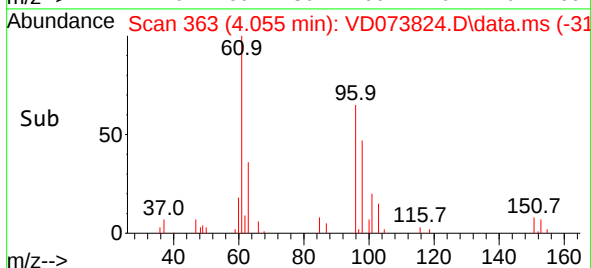
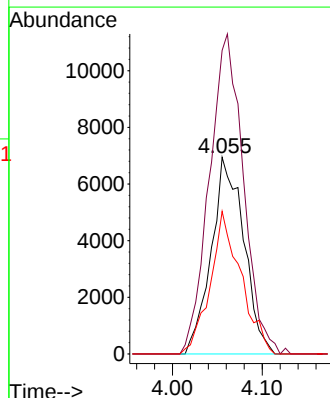
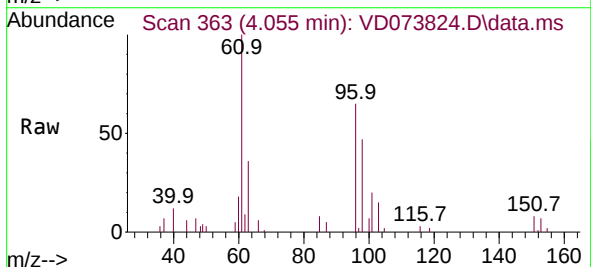
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

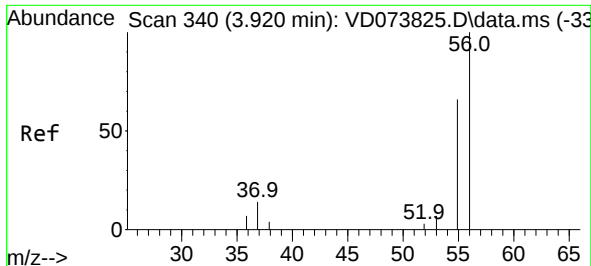
Tgt Ion: 59 Resp: 40133
Ion Ratio Lower Upper
59 100
57 1.1 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 18.694 ug/l
RT: 4.055 min Scan# 363
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion: 96 Resp: 17443
Ion Ratio Lower Upper
96 100
61 154.4 130.1 195.1
98 72.5 52.1 78.1





#13

Acrolein

Concen: 71.221 ug/l

RT: 3.920 min Scan# 34

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

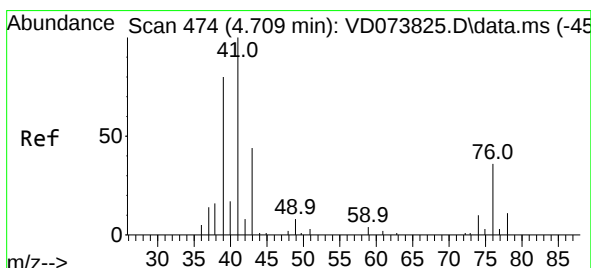
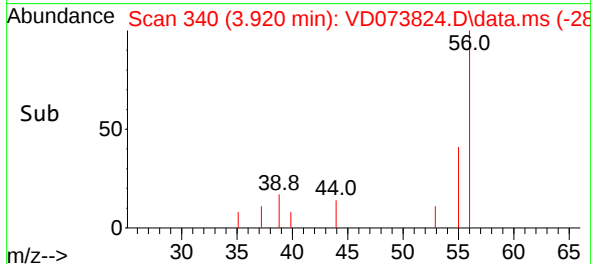
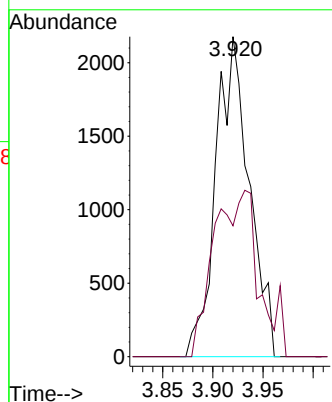
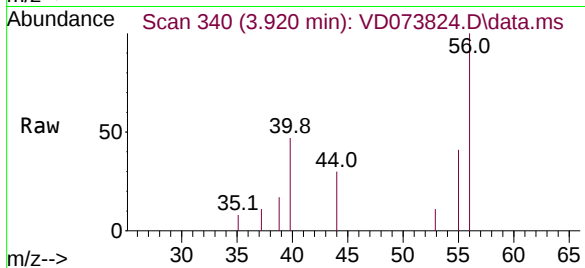
VSTDIC020

Tgt Ion: 56 Resp: 5043

Ion Ratio Lower Upper

56 100

55 34.9 54.7 82.1#



#14

Allyl chloride

Concen: 18.982 ug/l

RT: 4.708 min Scan# 474

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

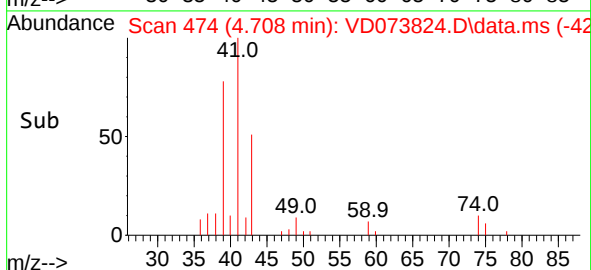
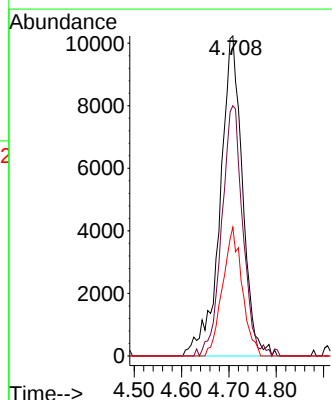
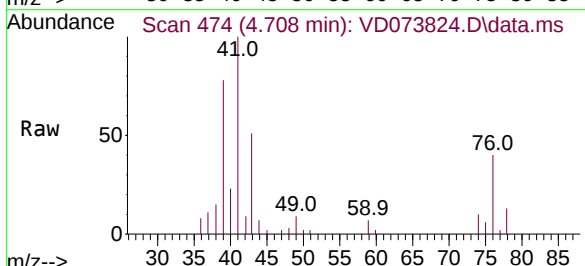
Tgt Ion: 41 Resp: 33497

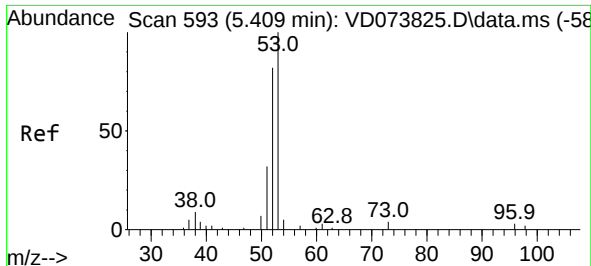
Ion Ratio Lower Upper

41 100

39 72.9 62.5 93.7

76 35.3 28.6 43.0

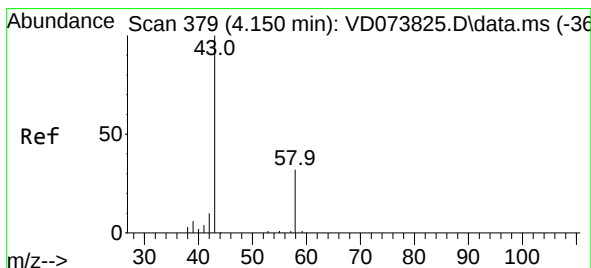
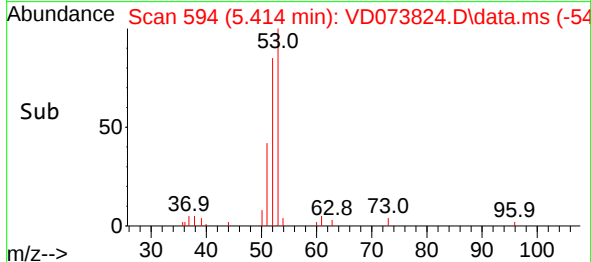
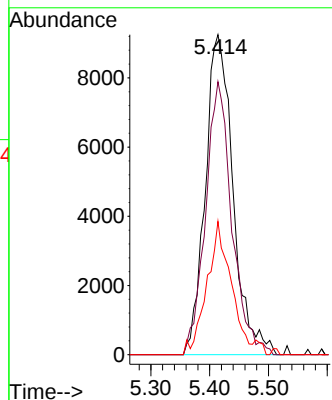
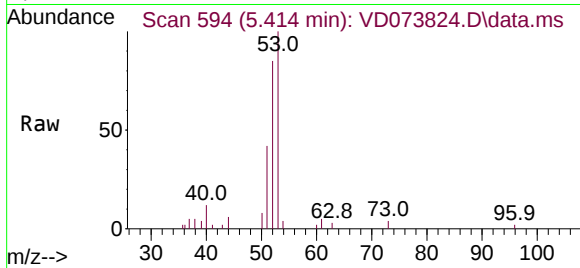




#15
Acrylonitrile
Concen: 91.350 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

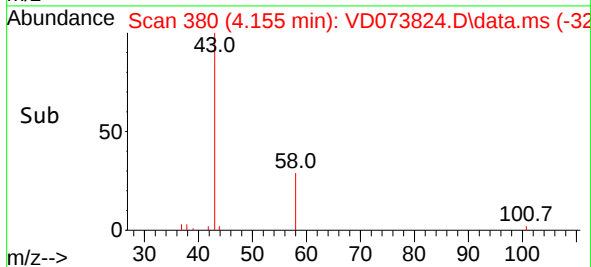
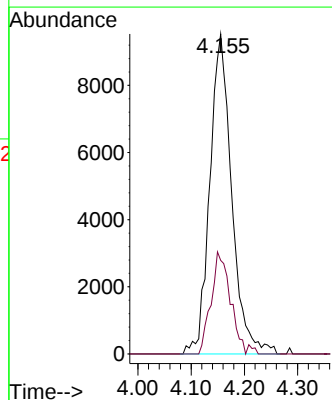
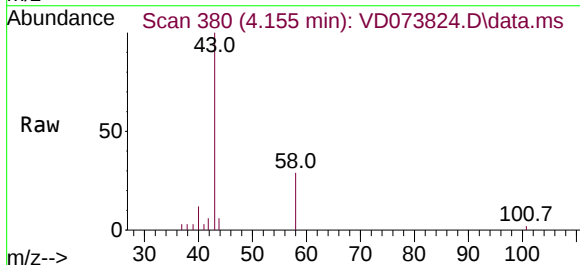
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

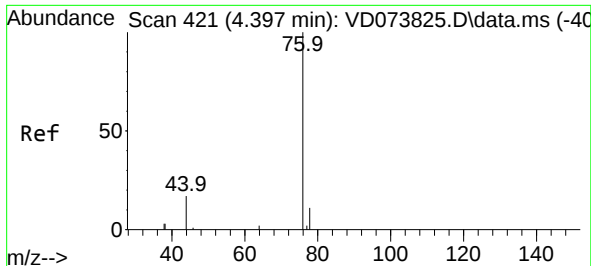
Tgt Ion: 53	Resp: 30386
Ion Ratio	Lower Upper
53 100	
52 80.9	66.1 99.1
51 36.2	30.6 45.8



#16
Acetone
Concen: 87.868 ug/l
RT: 4.155 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion: 43	Resp: 27199
Ion Ratio	Lower Upper
43 100	
58 29.2	25.2 37.8





#17

Carbon Disulfide

Concen: 20.591 ug/l

RT: 4.402 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

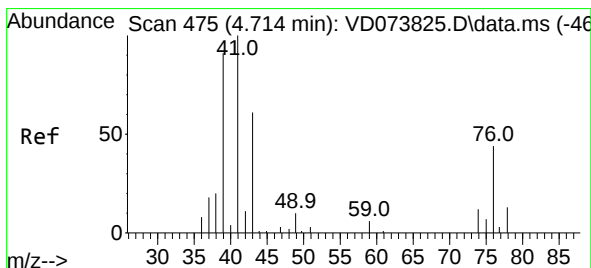
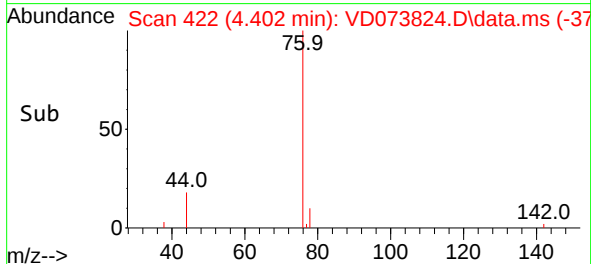
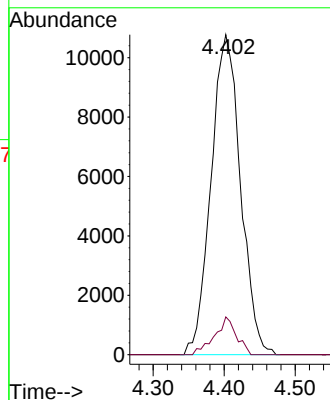
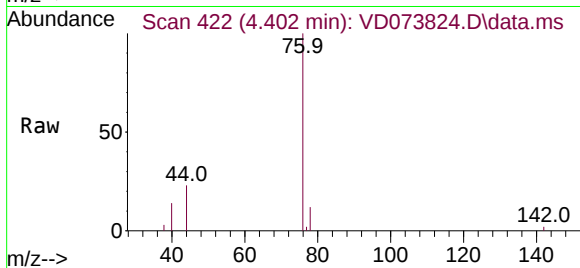
VSTDIC020

Tgt Ion: 76 Resp: 31067

Ion Ratio Lower Upper

76 100

78 11.8 8.7 13.1



#18

Methyl Acetate

Concen: 17.195 ug/l

RT: 4.708 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD073824.D

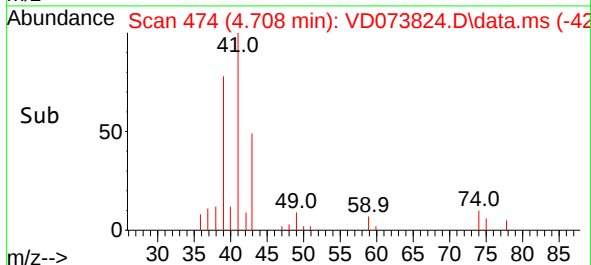
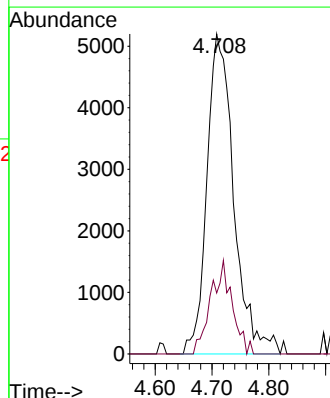
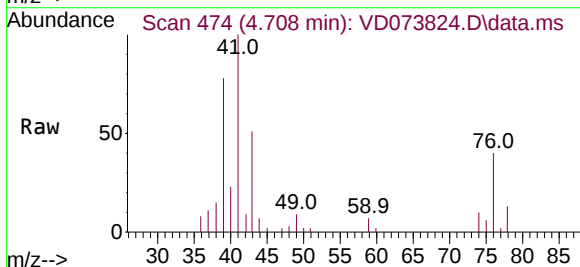
Acq: 11 Jul 2022 12:38

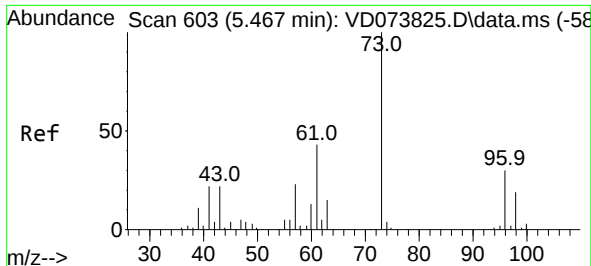
Tgt Ion: 43 Resp: 17065

Ion Ratio Lower Upper

43 100

74 23.4 17.0 25.4





#19

Methyl tert-butyl Ether

Concen: 17.432 ug/l

RT: 5.479 min Scan# 603

Delta R.T. 0.011 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

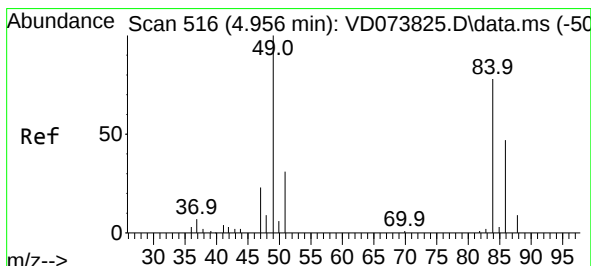
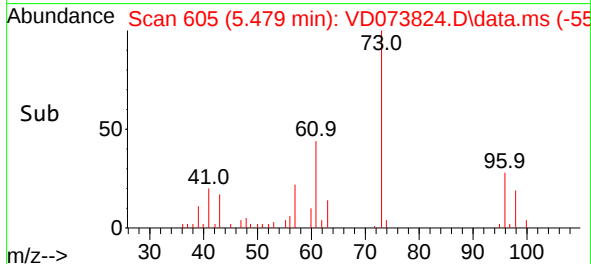
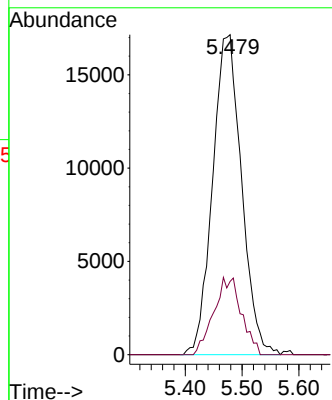
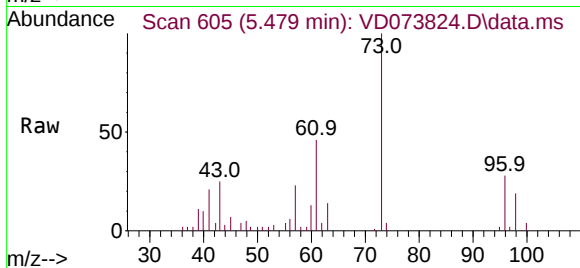
VSTDIC020

Tgt Ion: 73 Resp: 60605

Ion Ratio Lower Upper

73 100

57 22.9 18.6 28.0



#20

Methylene Chloride

Concen: 12.245 ug/l

RT: 4.961 min Scan# 517

Delta R.T. 0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Tgt Ion: 84 Resp: 32455

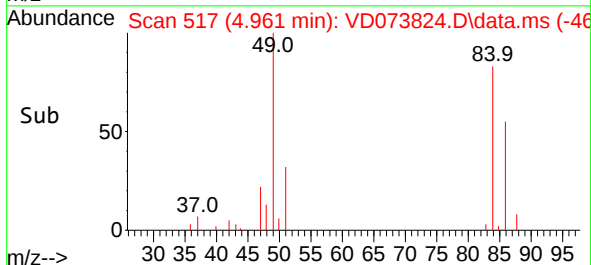
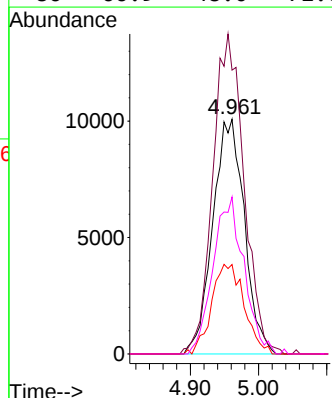
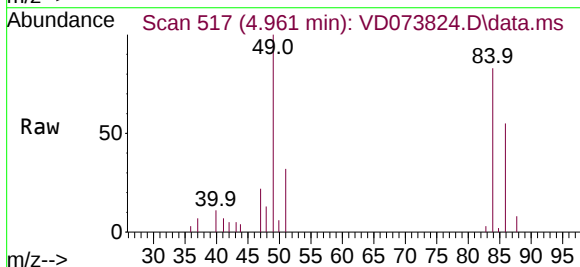
Ion Ratio Lower Upper

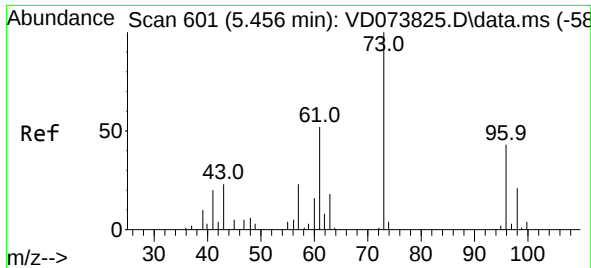
84 100

49 120.9 102.5 153.7

51 38.1 31.4 47.0

86 66.9 48.0 72.0

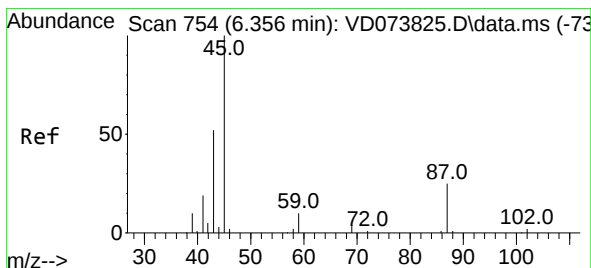
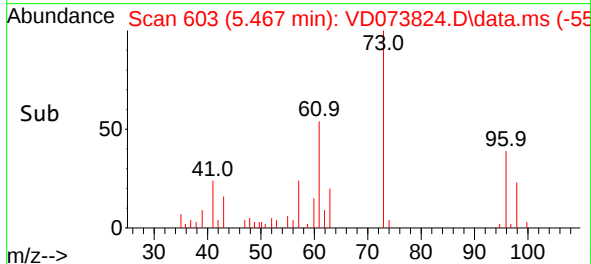
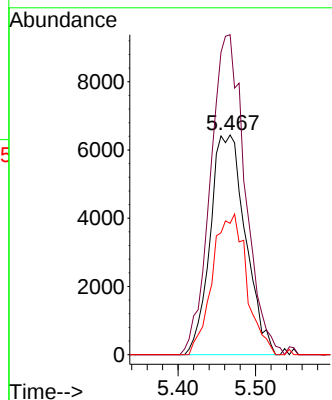
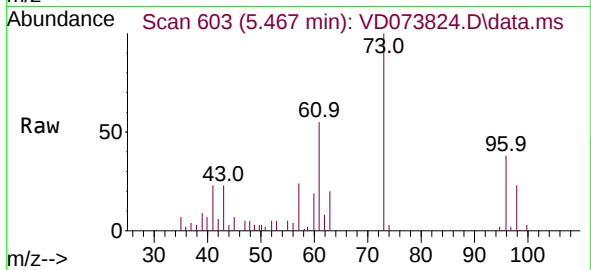




#21
trans-1,2-Dichloroethene
Concen: 18.256 ug/l
RT: 5.467 min Scan# 601
Delta R.T. 0.011 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

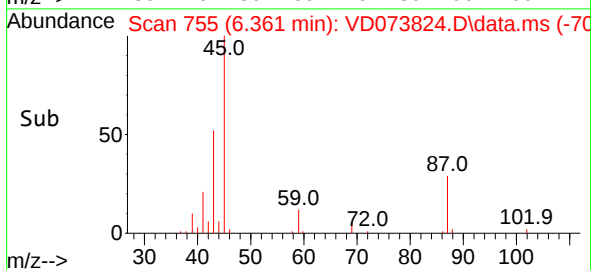
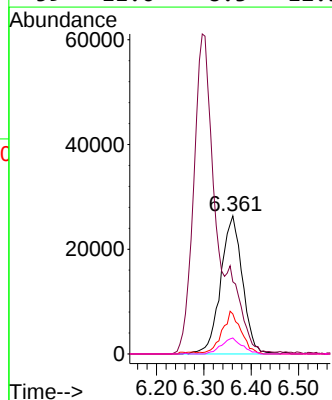
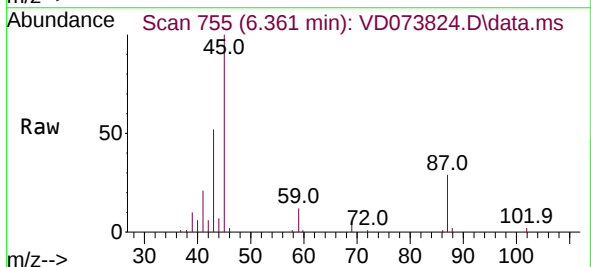
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

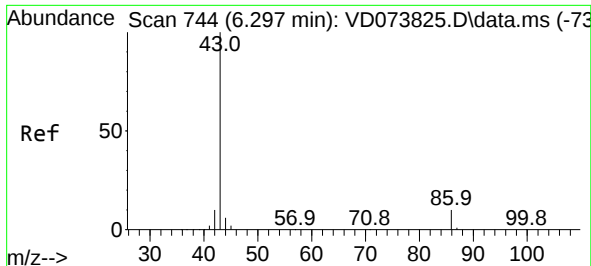
Tgt Ion: 96 Resp: 20396
Ion Ratio Lower Upper
96 100
61 145.7 97.0 145.6#
98 59.8 39.5 59.3#



#22
Diisopropyl ether
Concen: 18.307 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion: 45 Resp: 84156
Ion Ratio Lower Upper
45 100
43 50.4 44.1 66.1
87 28.9 20.8 31.2
59 11.6 8.3 12.5

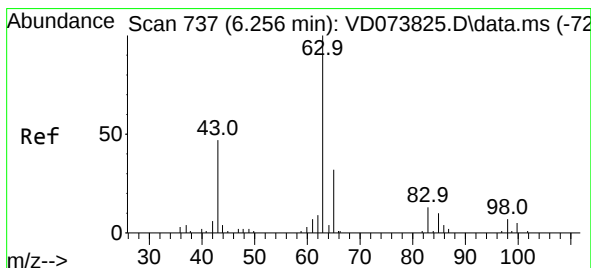
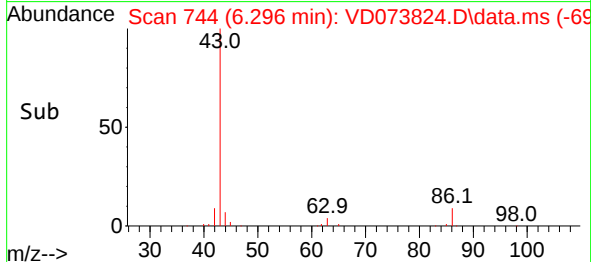
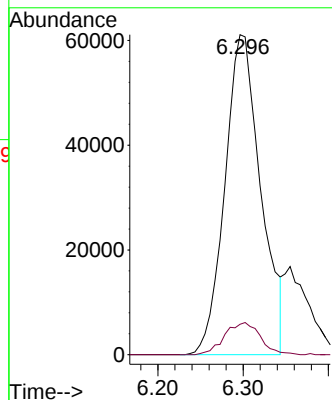
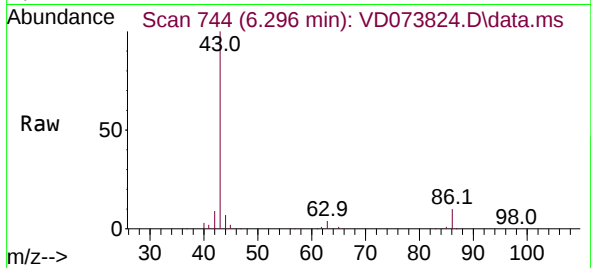




#23
 Vinyl Acetate
 Concen: 73.739 ug/l
 RT: 6.296 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073824.D
 Acq: 11 Jul 2022 12:38

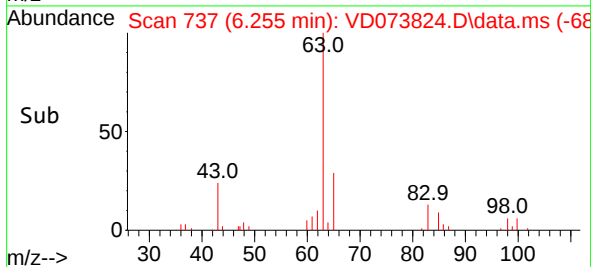
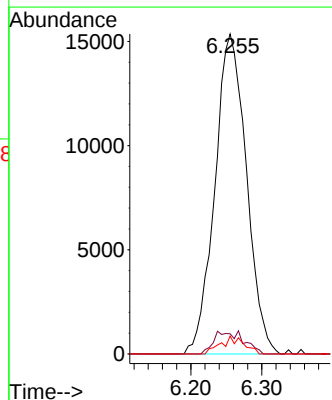
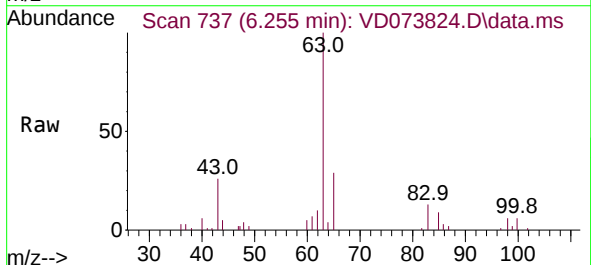
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

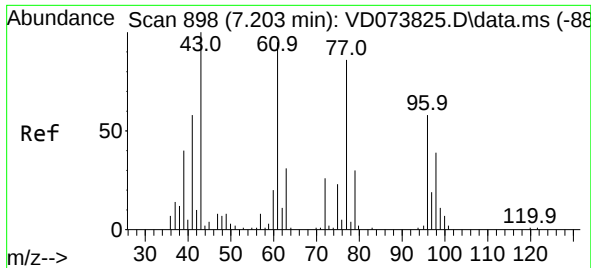
Tgt Ion: 43 Resp: 178975
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 18.532 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD073824.D
 Acq: 11 Jul 2022 12:38

Tgt Ion: 63 Resp: 47424
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.7 11.1
 100 5.6 2.5 7.6

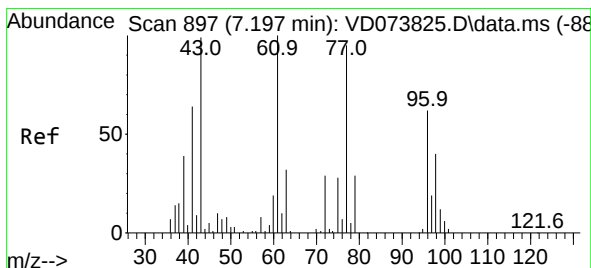
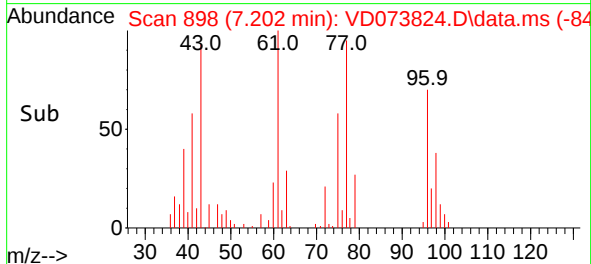
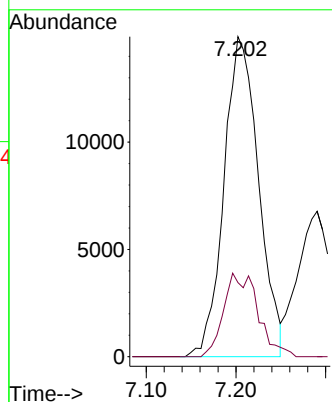
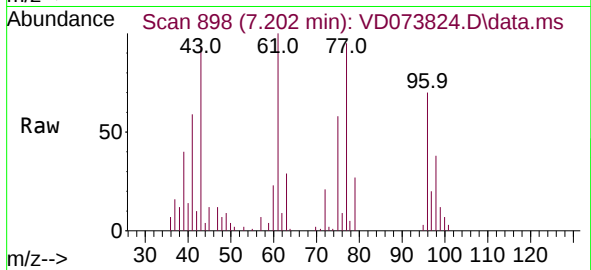




#25
2-Butanone
Concen: 86.337 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

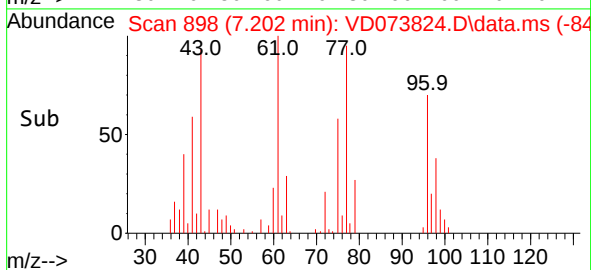
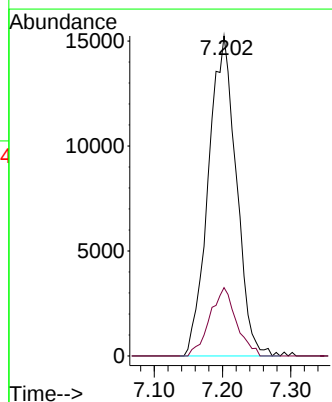
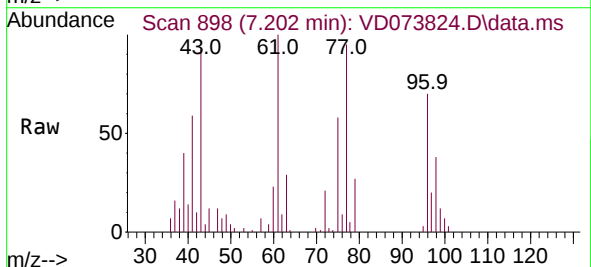
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

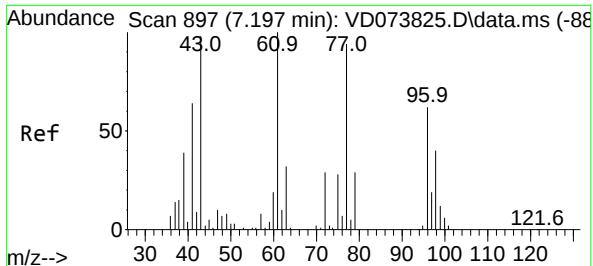
Tgt Ion: 43 Resp: 39904
Ion Ratio Lower Upper
43 100
72 23.2 20.9 31.3



#26
2,2-Dichloropropane
Concen: 17.955 ug/l
RT: 7.202 min Scan# 898
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion: 77 Resp: 43442
Ion Ratio Lower Upper
77 100
97 20.3 10.7 31.9

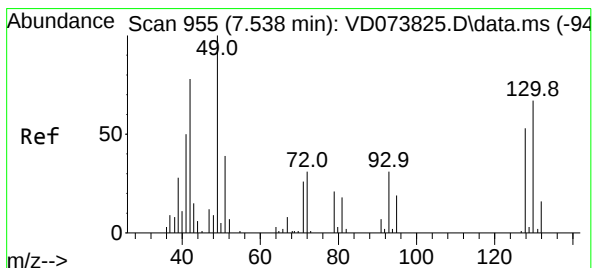
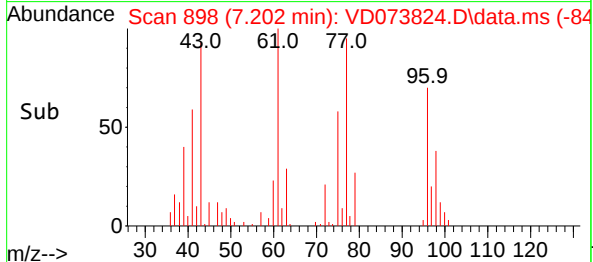
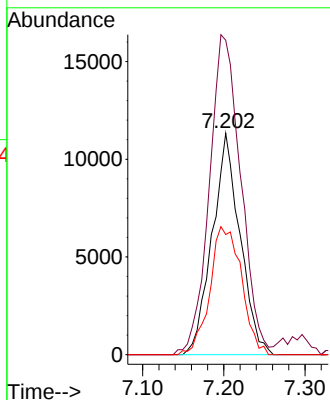
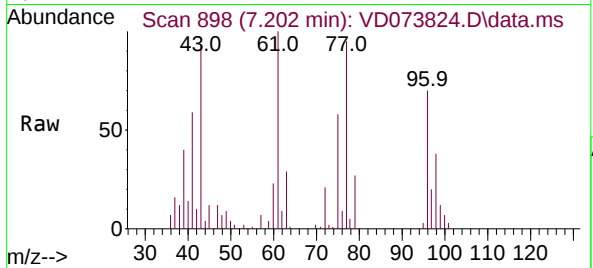




#27
 cis-1,2-Dichloroethene
 Concen: 17.314 ug/l
 RT: 7.202 min Scan# 897
 Delta R.T. 0.006 min
 Lab File: VD073824.D
 Acq: 11 Jul 2022 12:38

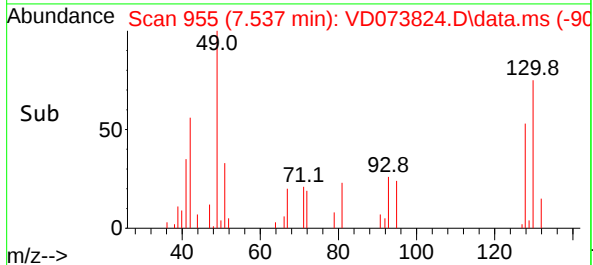
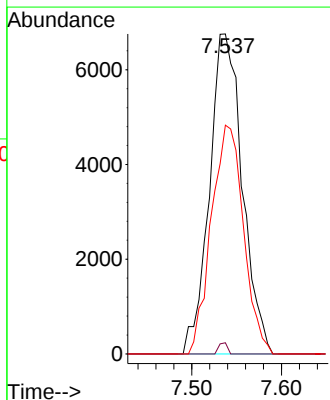
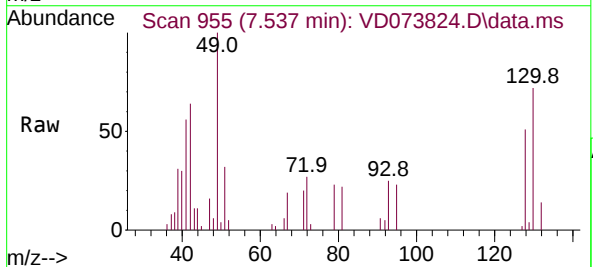
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

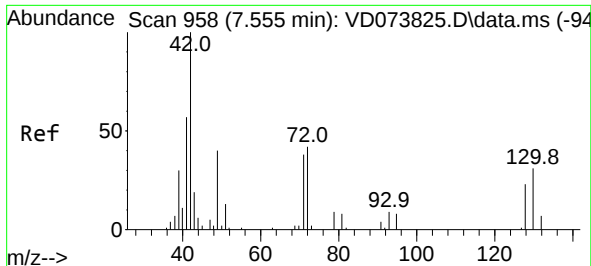
Tgt Ion: 96 Resp: 27031
 Ion Ratio Lower Upper
 96 100
 61 162.7 0.0 324.4
 98 65.5 0.0 131.6



#28
 Bromochloromethane
 Concen: 17.238 ug/l
 RT: 7.537 min Scan# 955
 Delta R.T. -0.000 min
 Lab File: VD073824.D
 Acq: 11 Jul 2022 12:38

Tgt Ion: 49 Resp: 17207
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.0
 130 69.8 51.8 77.6





#29

Tetrahydrofuran

Concen: 91.354 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

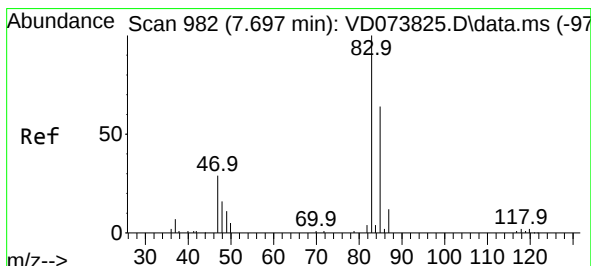
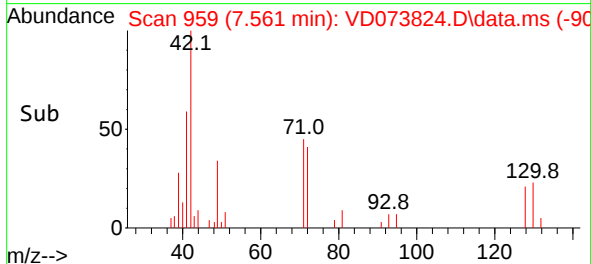
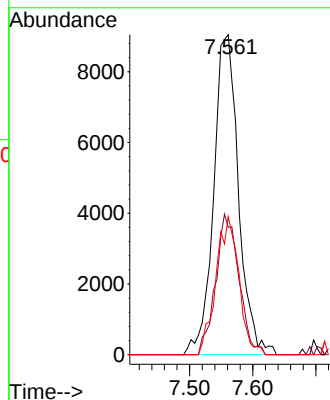
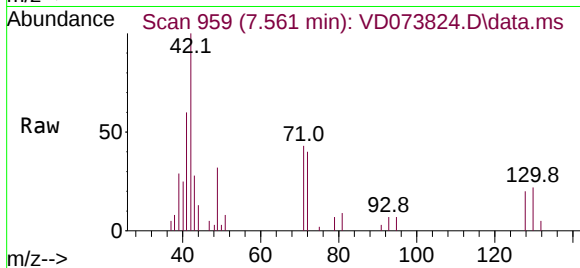
Tgt Ion: 42 Resp: 24793

Ion Ratio Lower Upper

42 100

72 41.0 33.5 50.3

71 39.6 31.0 46.6



#30

Chloroform

Concen: 18.499 ug/l

RT: 7.702 min Scan# 983

Delta R.T. 0.006 min

Lab File: VD073824.D

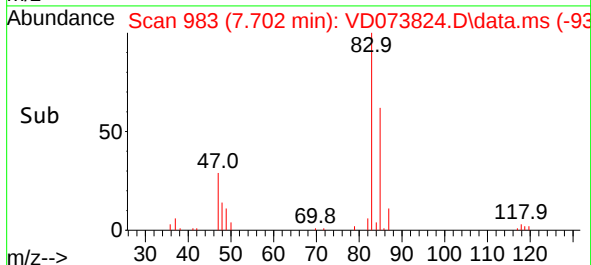
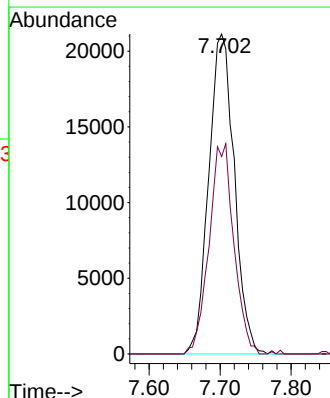
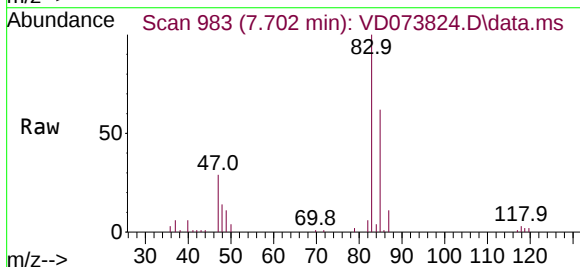
Acq: 11 Jul 2022 12:38

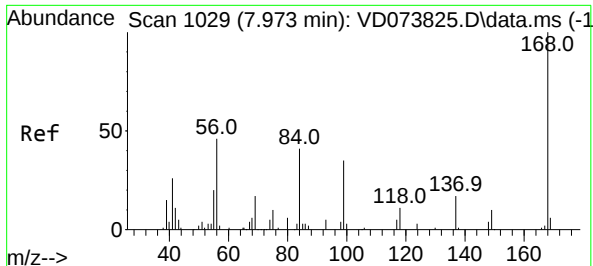
Tgt Ion: 83 Resp: 52773

Ion Ratio Lower Upper

83 100

85 61.7 51.2 76.8

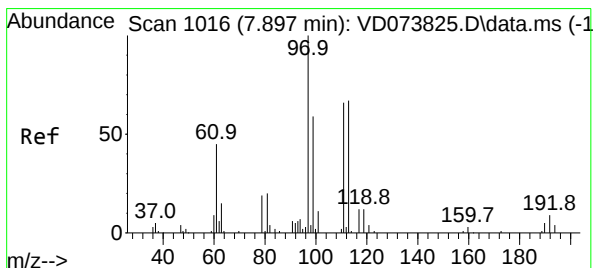
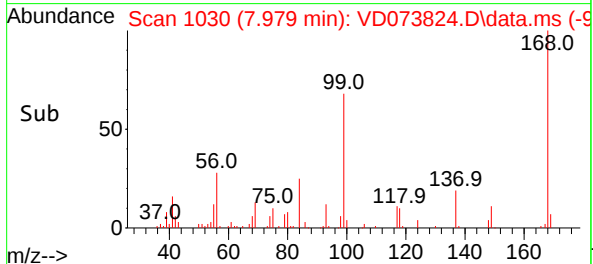
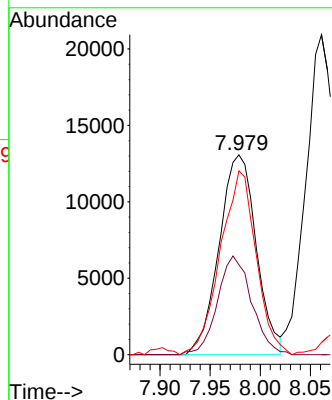
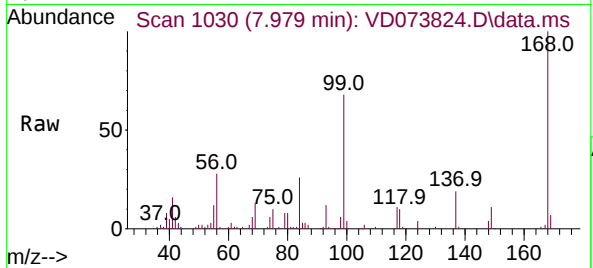




#31
Cyclohexane
Concen: 18.495 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

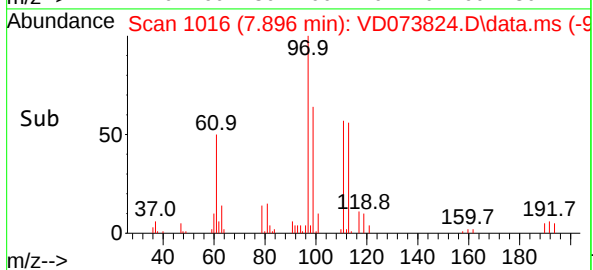
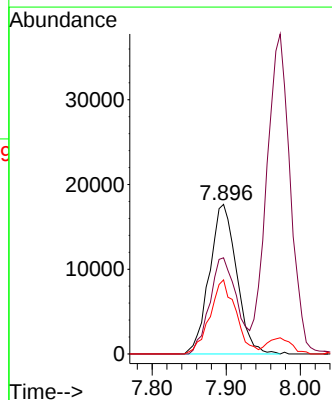
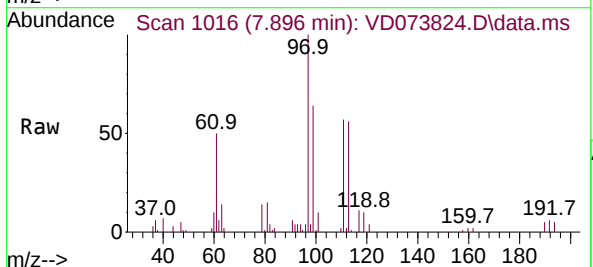
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

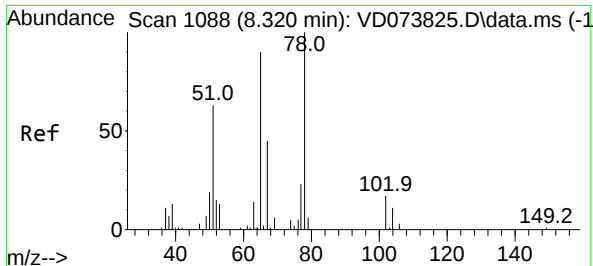
Tgt Ion: 56 Resp: 33699
Ion Ratio Lower Upper
56 100
69 45.0 29.1 43.7#
84 91.9 68.2 102.2



#32
1,1,1-Trichloroethane
Concen: 18.565 ug/l
RT: 7.896 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion: 97 Resp: 44864
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 47.4 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 23.486 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

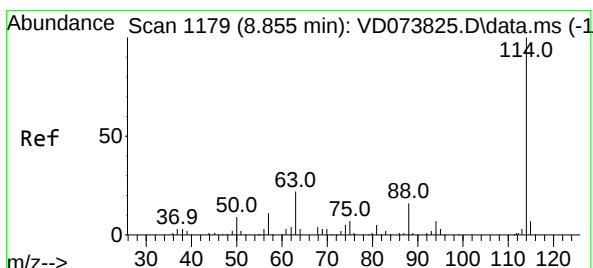
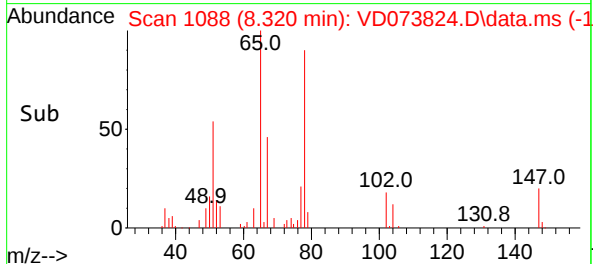
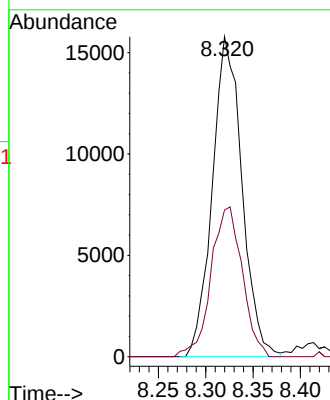
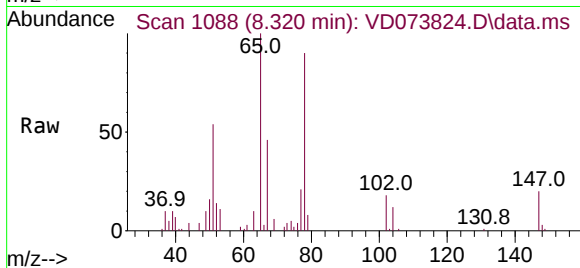
VSTDIC020

Tgt Ion: 65 Resp: 34360

Ion Ratio Lower Upper

65 100

67 49.3 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

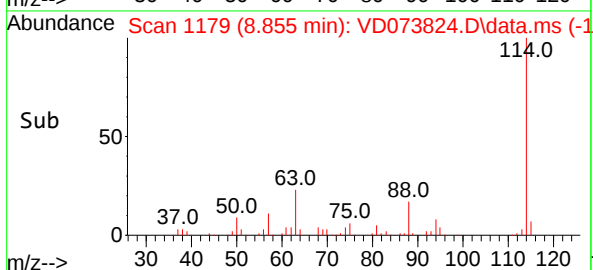
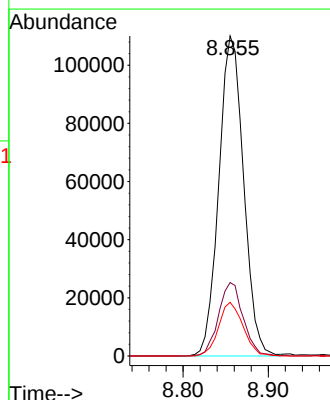
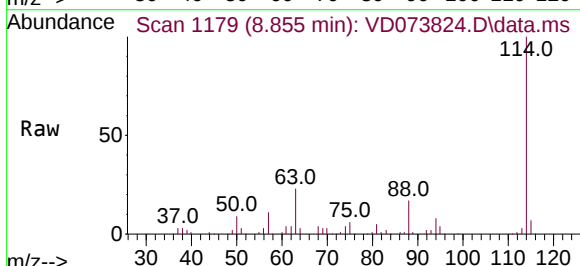
Tgt Ion: 114 Resp: 222294

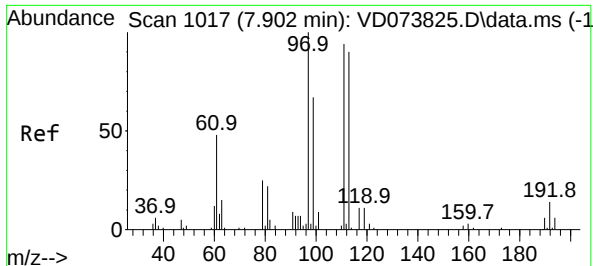
Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.0

88 16.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 21.241 ug/l

RT: 7.908 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

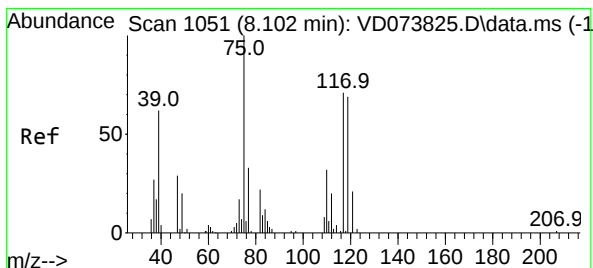
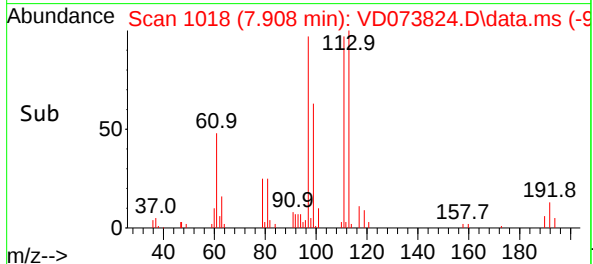
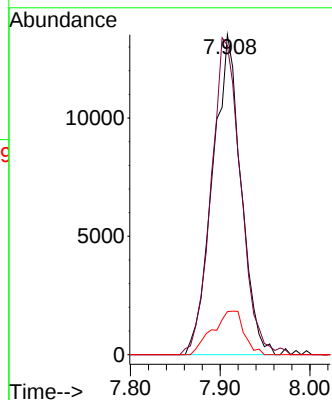
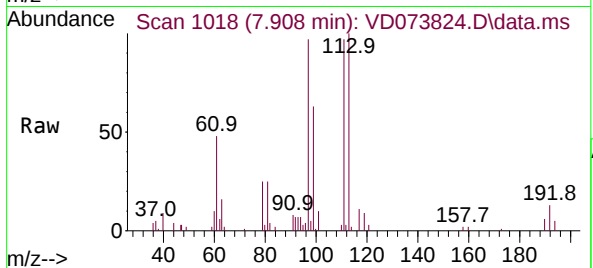
Tgt Ion:113 Resp: 29731

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 15.0 12.3 18.5



#36

1,1-Dichloropropene

Concen: 19.226 ug/l

RT: 8.102 min Scan# 1051

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

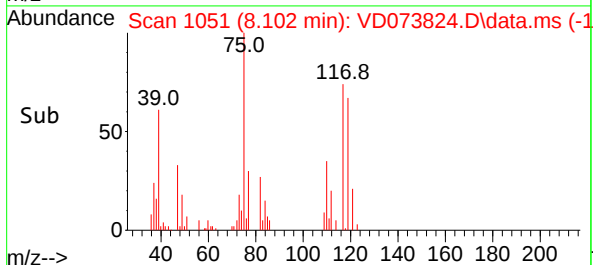
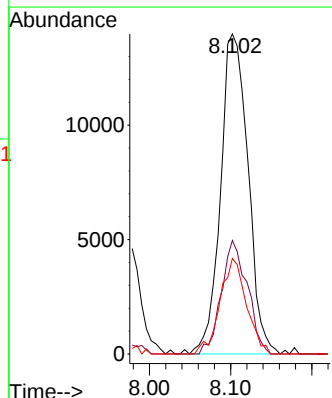
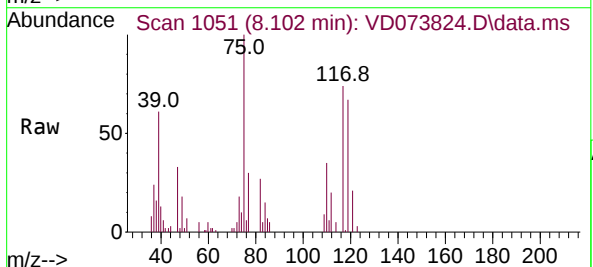
Tgt Ion: 75 Resp: 32958

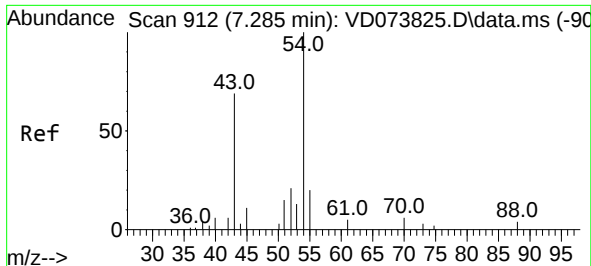
Ion Ratio Lower Upper

75 100

110 33.5 16.0 47.9

77 28.8 25.3 37.9





#37

Ethyl Acetate

Concen: 18.317 ug/l

RT: 7.290 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

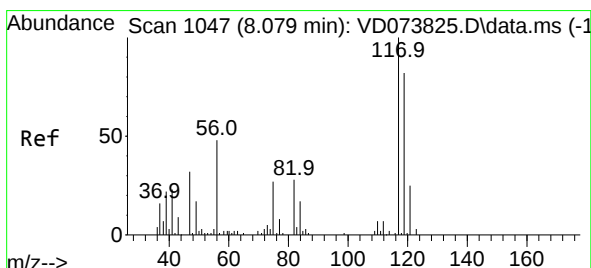
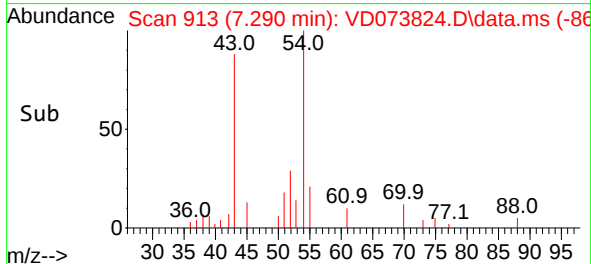
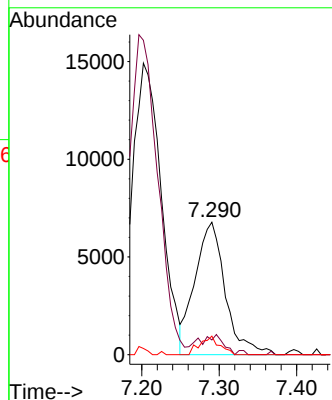
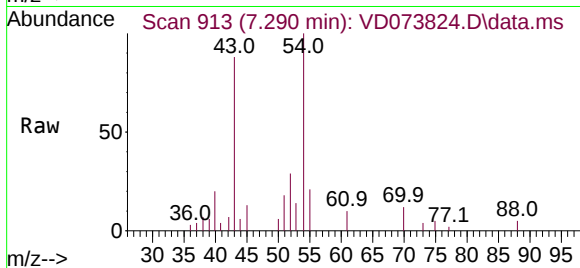
Tgt Ion: 43 Resp: 18461

Ion Ratio Lower Upper

43 100

61 8.0 10.8 16.2#

70 9.0 7.5 11.3



#38

Carbon Tetrachloride

Concen: 18.878 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. 0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

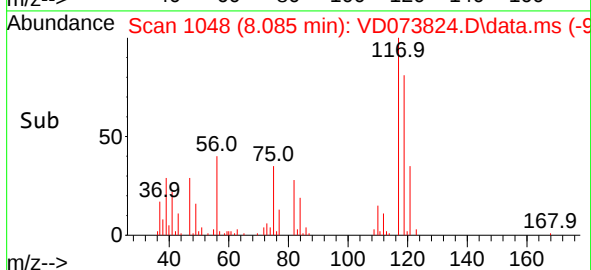
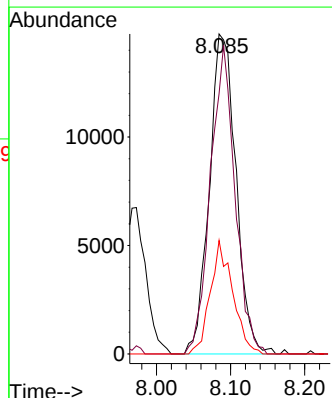
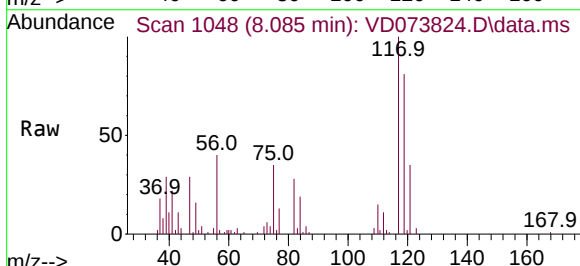
Tgt Ion: 117 Resp: 36785

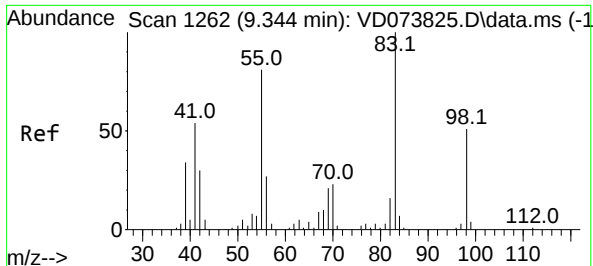
Ion Ratio Lower Upper

117 100

119 81.3 65.6 98.4

121 35.4 20.1 30.1#





#39

Methylcyclohexane

Concen: 19.773 ug/l

RT: 9.343 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

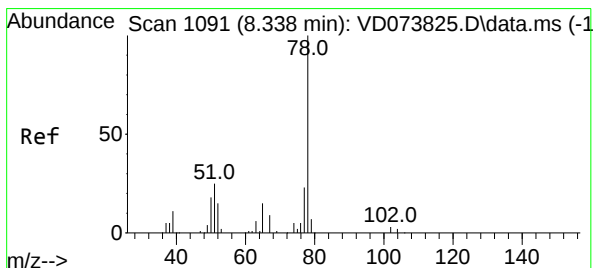
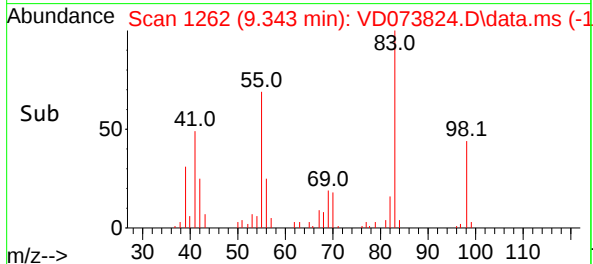
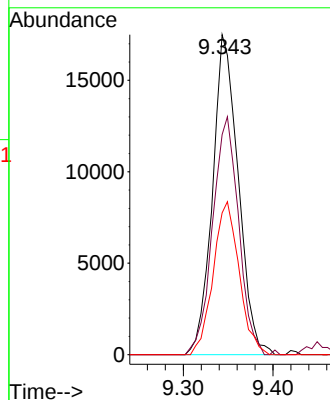
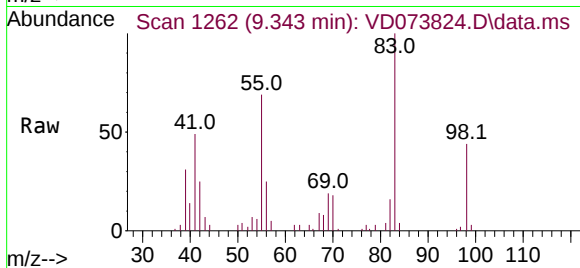
Tgt Ion: 83 Resp: 34844

Ion Ratio Lower Upper

83 100

55 68.8 64.8 97.2

98 44.3 41.0 61.4



#40

Benzene

Concen: 18.710 ug/l

RT: 8.337 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD073824.D

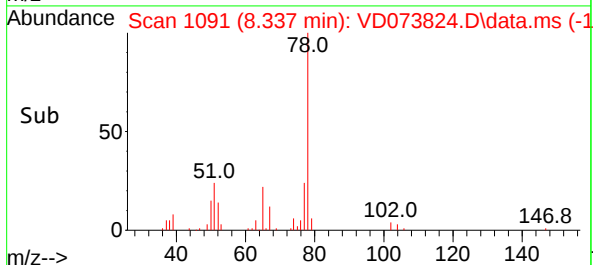
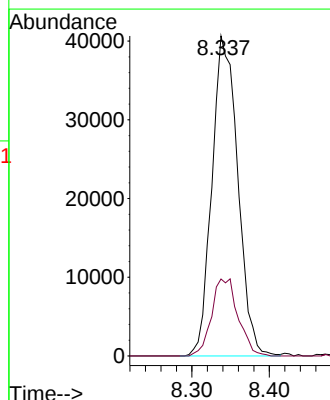
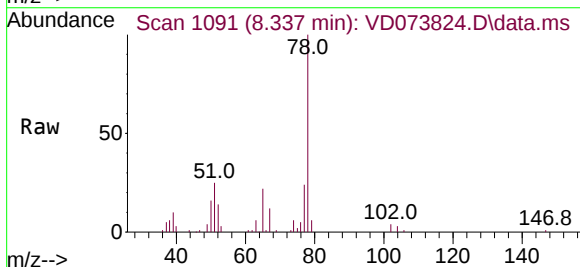
Acq: 11 Jul 2022 12:38

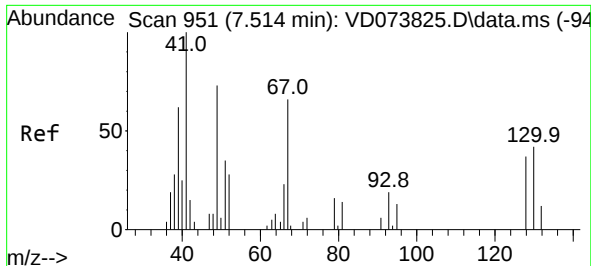
Tgt Ion: 78 Resp: 94361

Ion Ratio Lower Upper

78 100

77 24.1 18.8 28.2

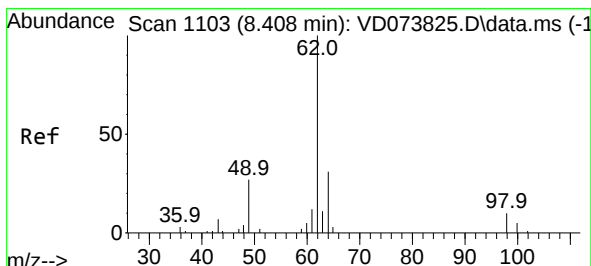
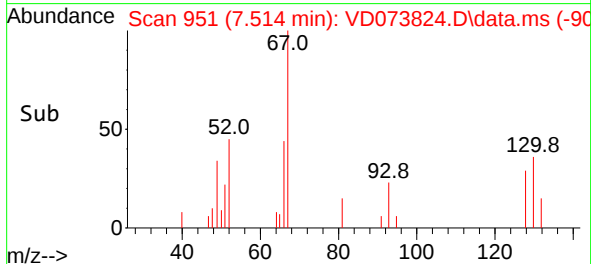
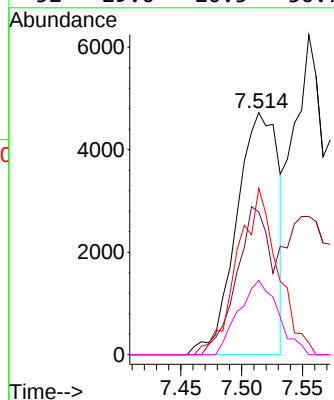
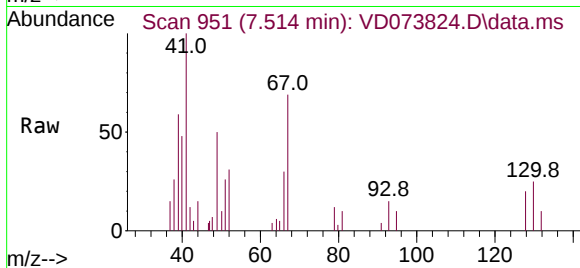




#41
Methacrylonitrile
Concen: 19.212 ug/l
RT: 7.514 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

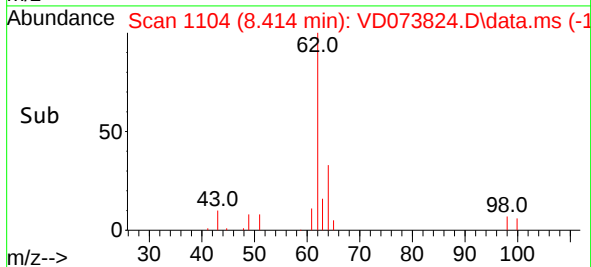
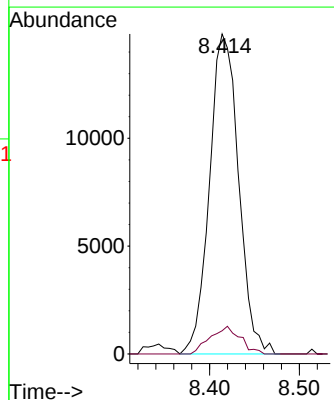
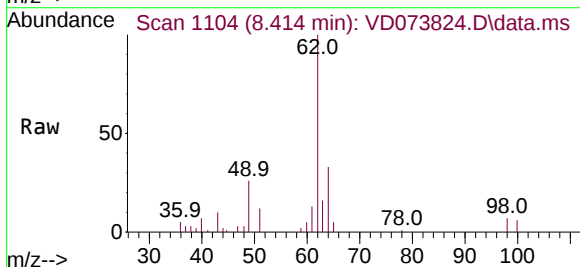
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

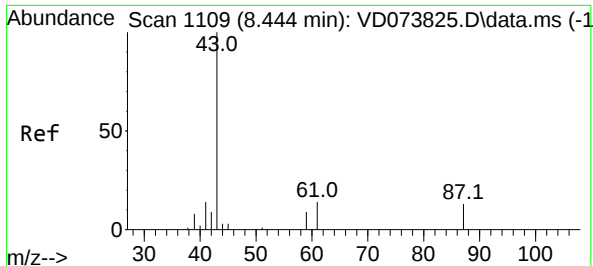
Tgt Ion:	41	Resp:	11285
Ion	Ratio	Lower	Upper
41	100		
39	48.3	35.6	53.4
67	66.4	45.0	67.6
52	29.0	20.5	30.7



#42
1,2-Dichloroethane
Concen: 19.265 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion:	62	Resp:	33454
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.2





#43

Isopropyl Acetate

Concen: 17.443 ug/l

RT: 8.449 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

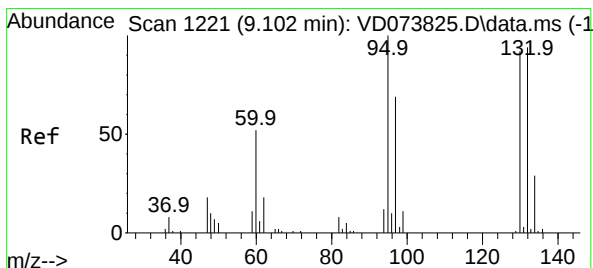
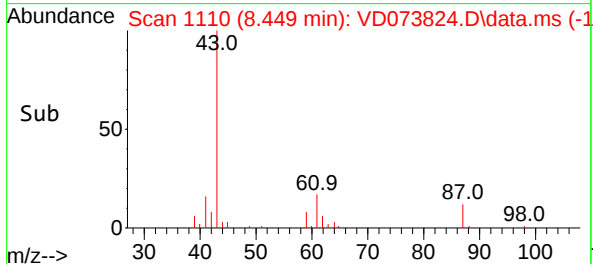
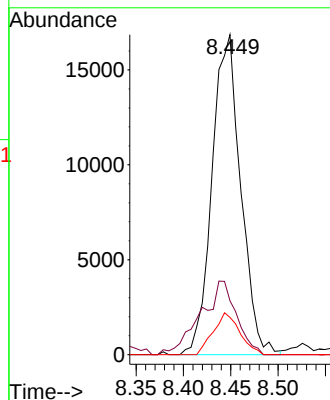
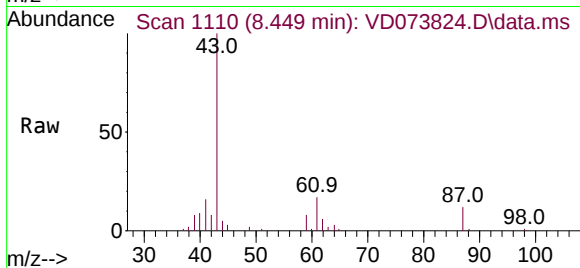
Tgt Ion: 43 Resp: 35585

Ion Ratio Lower Upper

43 100

61 28.8 22.2 33.2

87 12.1 9.7 14.5



#44

Trichloroethene

Concen: 18.493 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VD073824.D

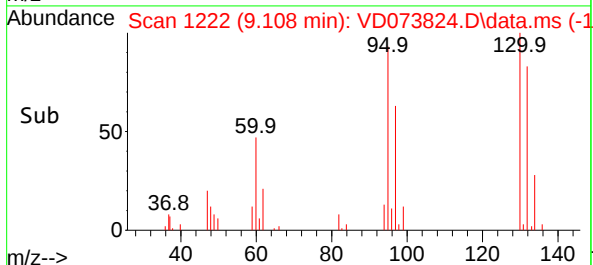
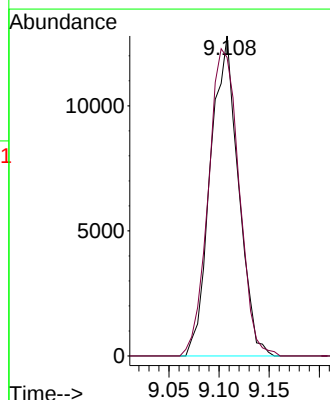
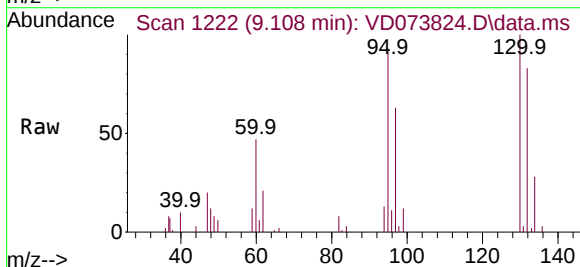
Acq: 11 Jul 2022 12:38

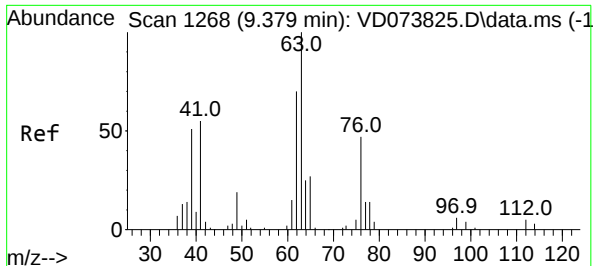
Tgt Ion:130 Resp: 24808

Ion Ratio Lower Upper

130 100

95 93.3 0.0 217.0





#45

1,2-Dichloropropane

Concen: 18.954 ug/l

RT: 9.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

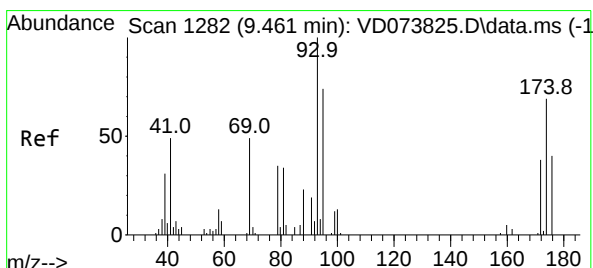
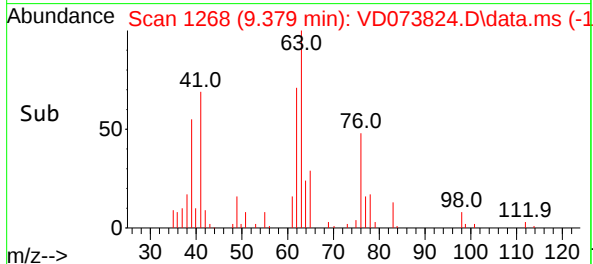
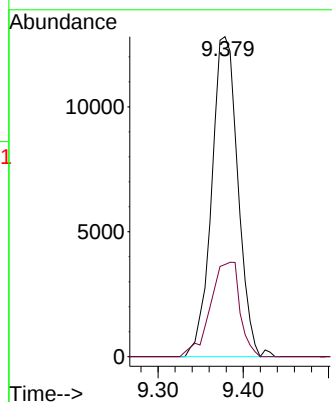
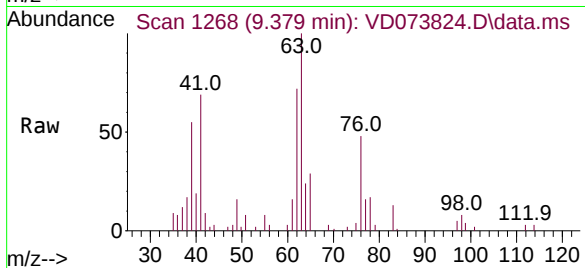
VSTDIC020

Tgt Ion: 63 Resp: 27445

Ion Ratio Lower Upper

63 100

65 28.8 21.7 32.5



#46

Dibromomethane

Concen: 18.219 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

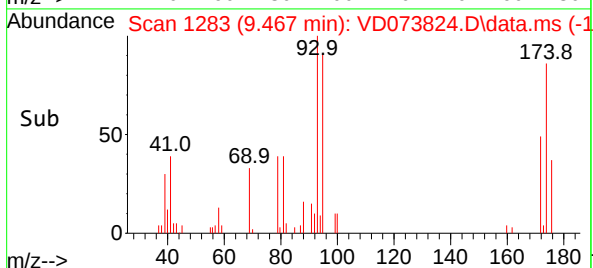
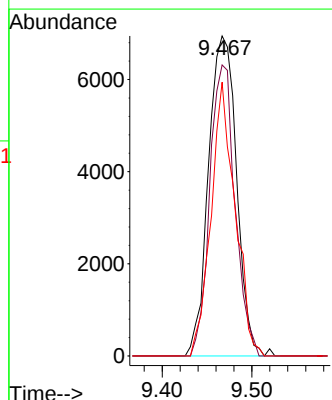
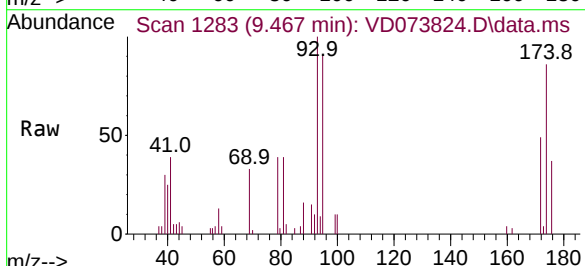
Tgt Ion: 93 Resp: 15106

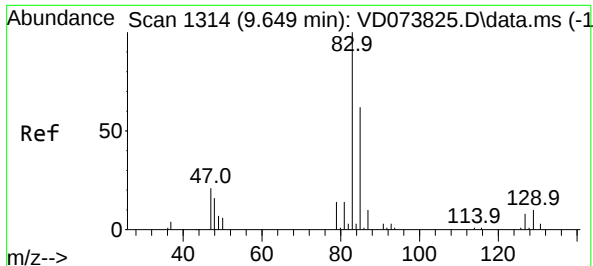
Ion Ratio Lower Upper

93 100

95 81.7 61.8 92.6

174 73.3 58.7 88.1





#47

Bromodichloromethane

Concen: 18.411 ug/l

RT: 9.655 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

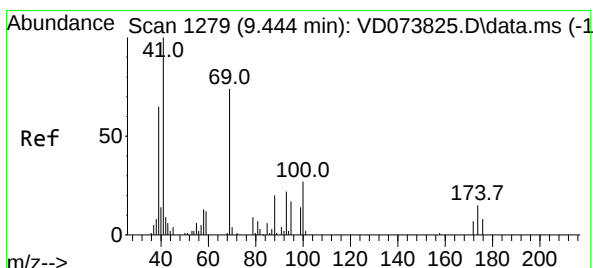
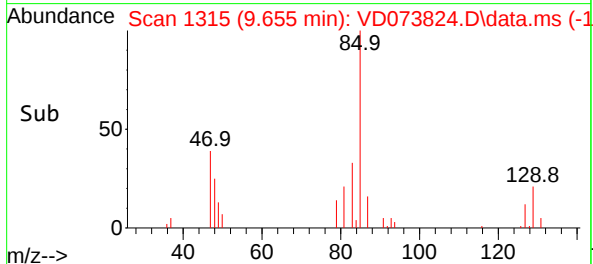
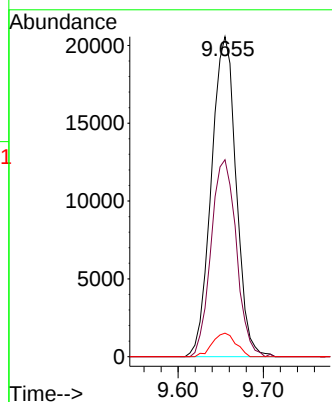
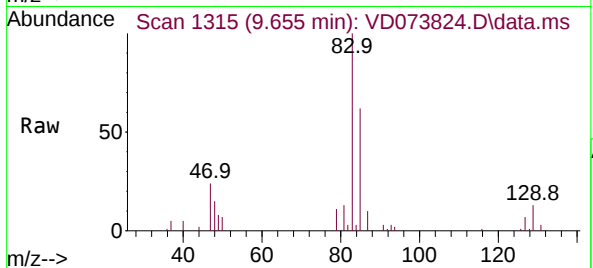
Tgt Ion: 83 Resp: 41584

Ion Ratio Lower Upper

83 100

85 61.5 50.0 75.0

127 7.3 6.2 9.2



#48

Methyl methacrylate

Concen: 16.750 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. 0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

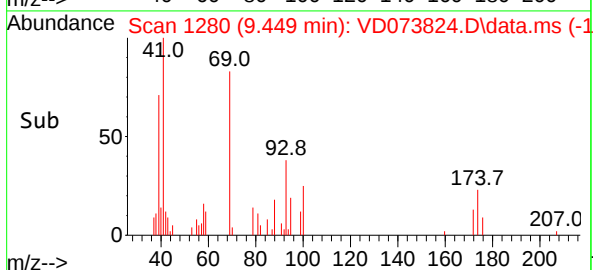
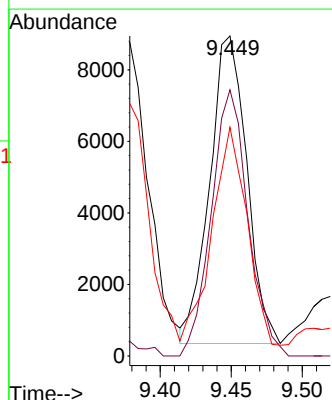
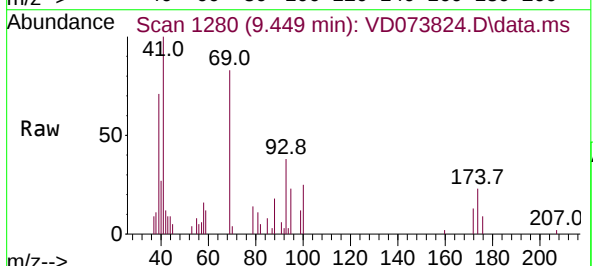
Tgt Ion: 41 Resp: 15590

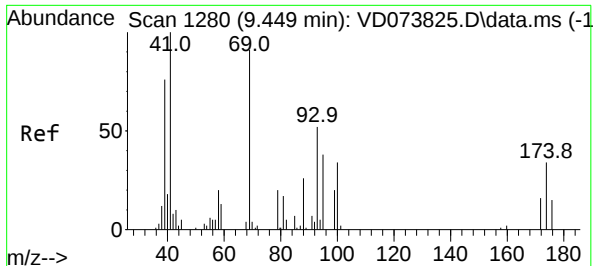
Ion Ratio Lower Upper

41 100

69 85.7 63.4 95.2

39 74.9 55.6 83.4





#49

1,4-Dioxane

Concen: 347.633 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

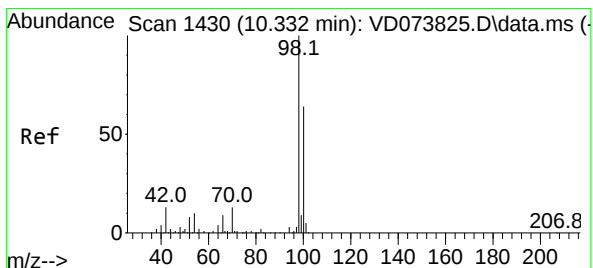
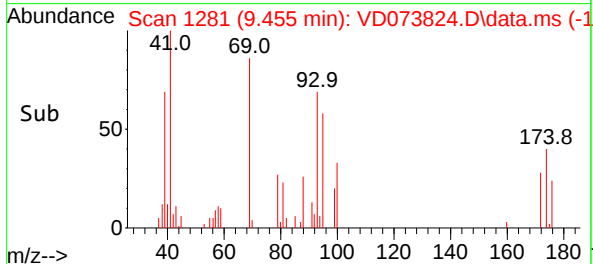
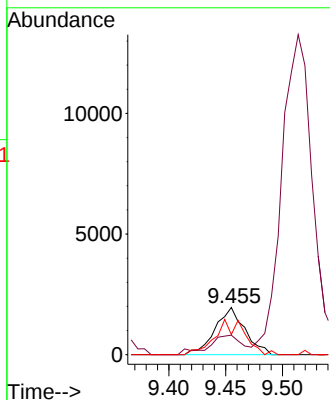
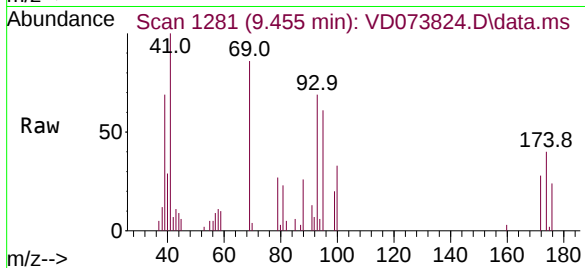
Tgt Ion: 88 Resp: 3576

Ion Ratio Lower Upper

88 100

43 46.5 34.2 51.4

58 74.6 54.8 82.2



#50

Toluene-d8

Concen: 25.276 ug/l

RT: 10.331 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073824.D

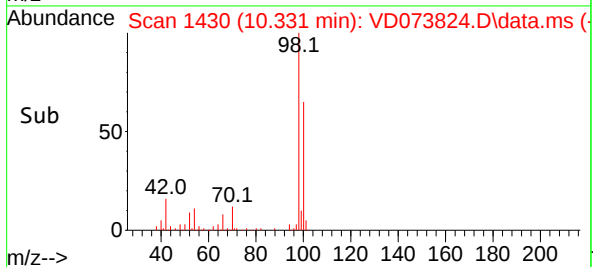
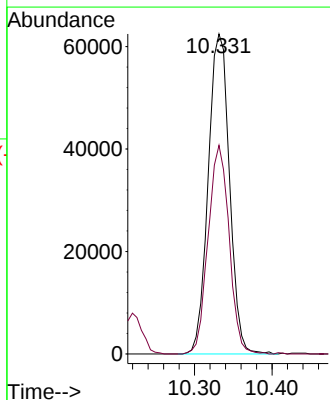
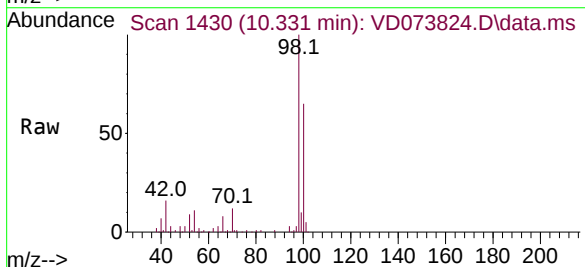
Acq: 11 Jul 2022 12:38

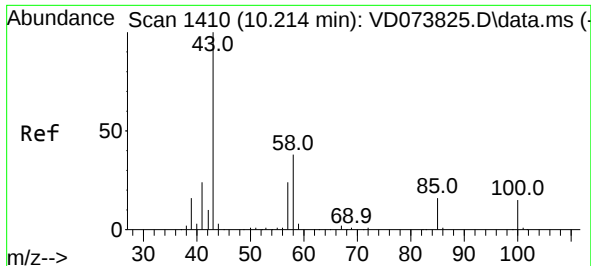
Tgt Ion: 98 Resp: 118913

Ion Ratio Lower Upper

98 100

100 64.4 52.9 79.3

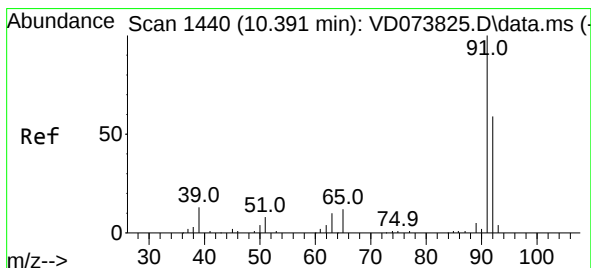
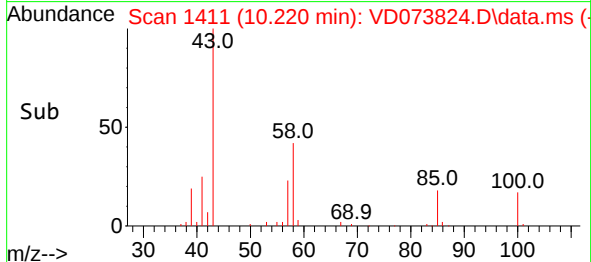
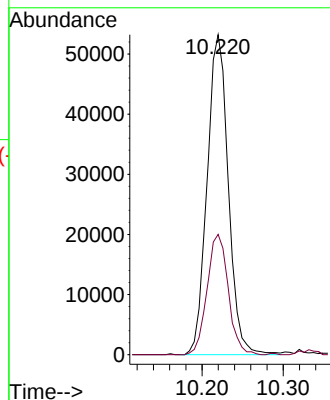
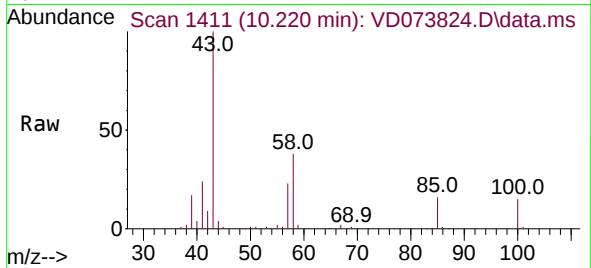




#51
4-Methyl-2-Pentanone
Concen: 90.591 ug/l
RT: 10.220 min Scan# 1410
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

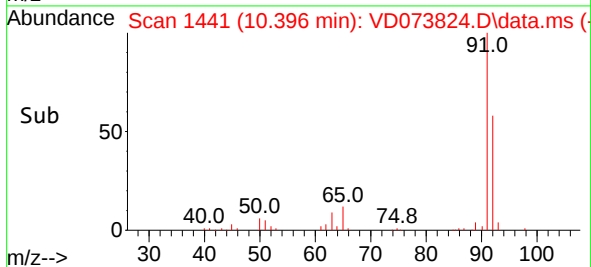
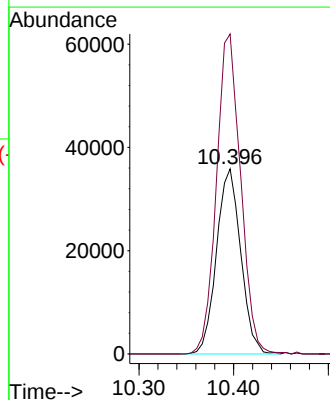
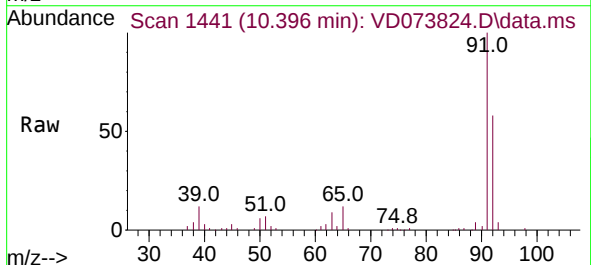
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

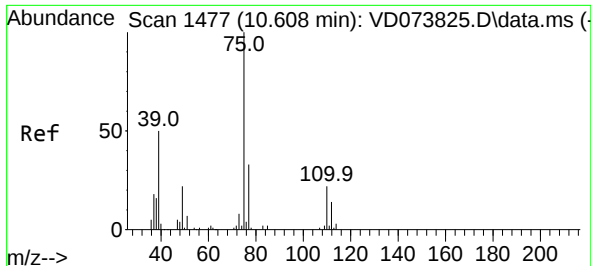
Tgt Ion: 43 Resp: 96471
Ion Ratio Lower Upper
43 100
58 37.5 29.3 43.9



#52
Toluene
Concen: 19.056 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion: 92 Resp: 63750
Ion Ratio Lower Upper
92 100
91 172.7 138.4 207.6

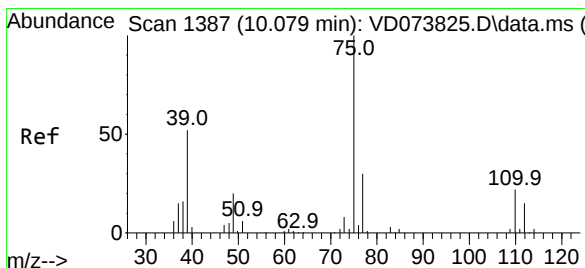
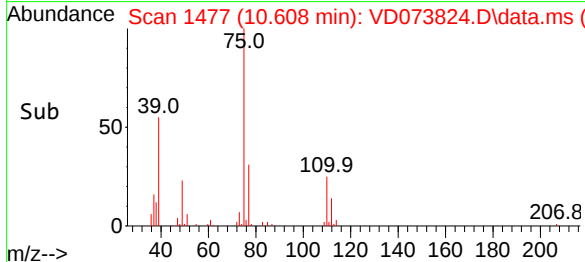
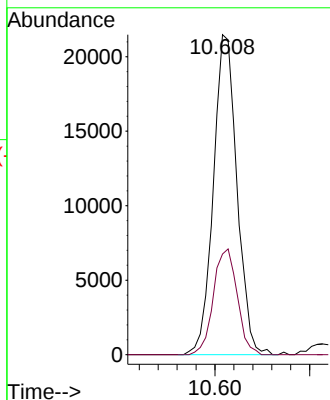
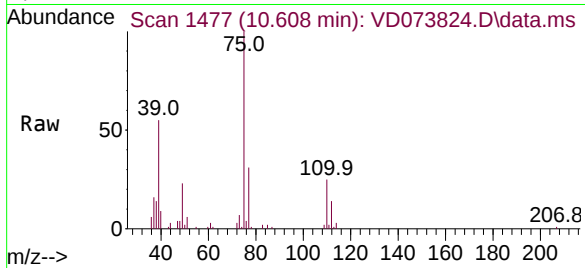




#53
t-1,3-Dichloropropene
Concen: 17.915 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

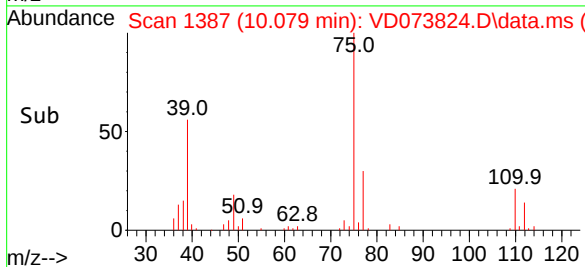
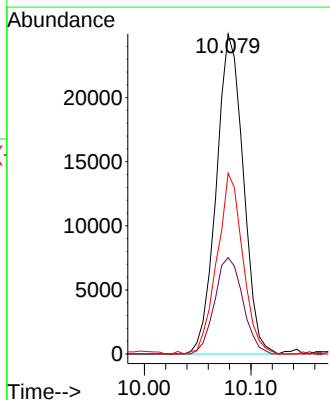
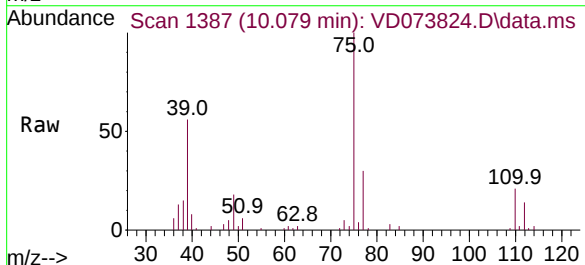
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

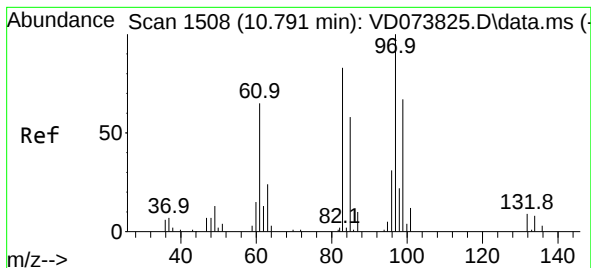
Tgt Ion: 75 Resp: 37221
Ion Ratio Lower Upper
75 100
77 31.5 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 19.003 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion: 75 Resp: 43784
Ion Ratio Lower Upper
75 100
77 30.1 24.2 36.4
39 56.5 41.4 62.2





#55

1,1,2-Trichloroethane

Concen: 19.329 ug/l

RT: 10.790 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 97 Resp: 22429

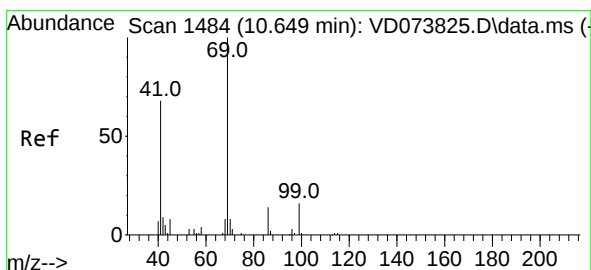
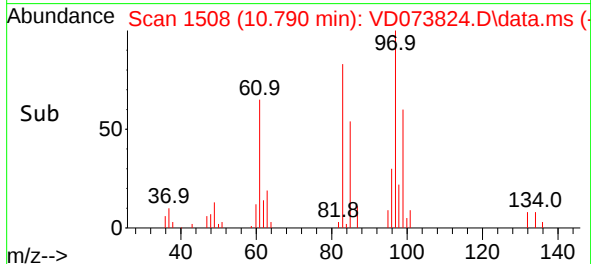
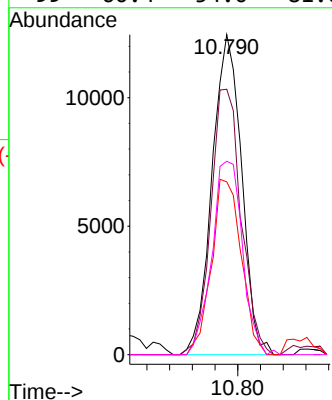
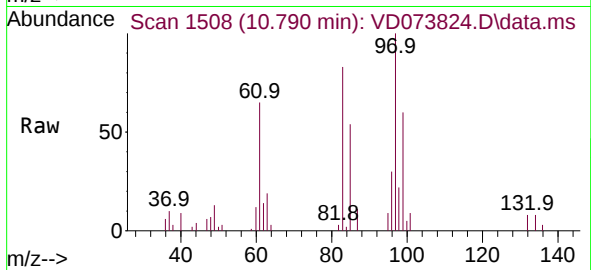
Ion Ratio Lower Upper

97 100

83 83.0 66.8 100.2

85 54.0 46.6 69.8

99 60.4 54.0 81.0



#56

Ethyl methacrylate

Concen: 17.839 ug/l

RT: 10.649 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

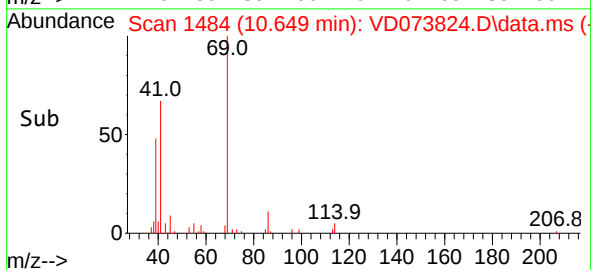
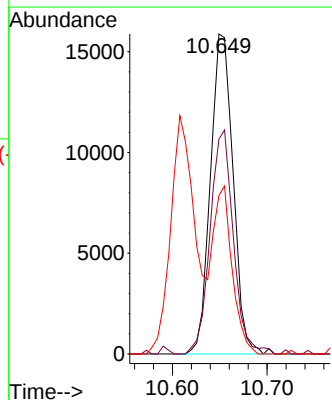
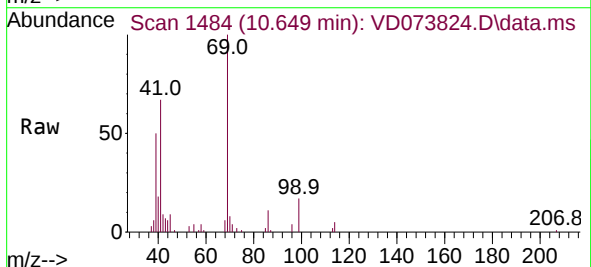
Tgt Ion: 69 Resp: 26422

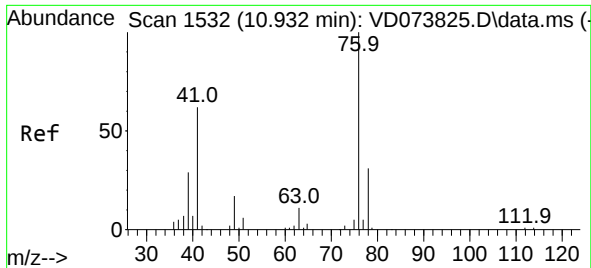
Ion Ratio Lower Upper

69 100

41 71.9 55.3 82.9

39 43.2 35.9 53.9





#57

1,3-Dichloropropane

Concen: 18.739 ug/l

RT: 10.931 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

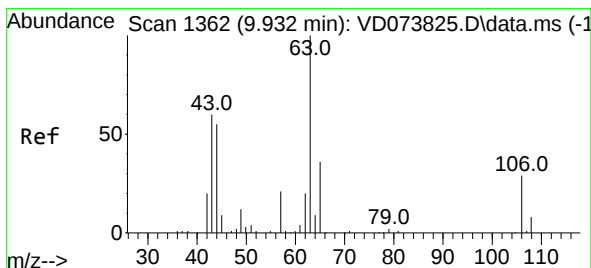
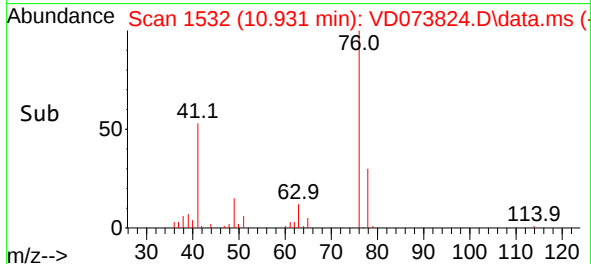
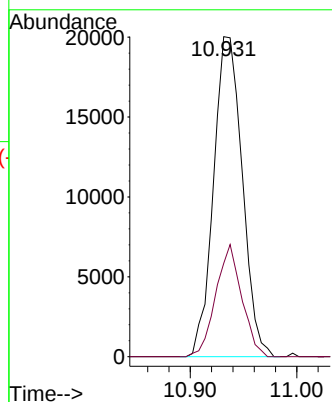
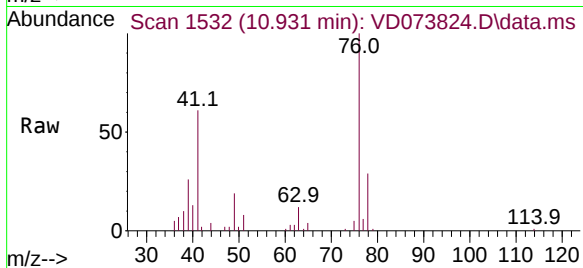
VSTDIC020

Tgt Ion: 76 Resp: 37539

Ion Ratio Lower Upper

76 100

78 31.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 88.178 ug/l

RT: 9.931 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073824.D

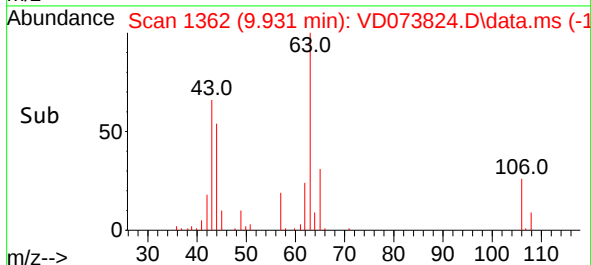
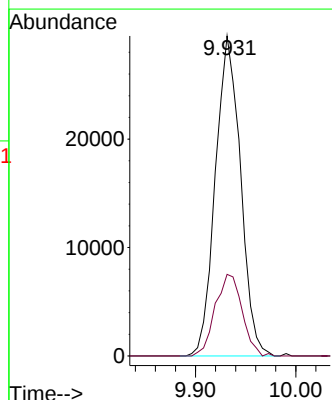
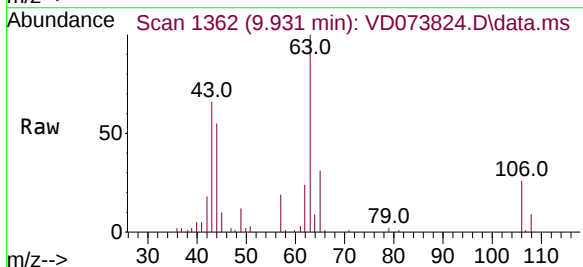
Acq: 11 Jul 2022 12:38

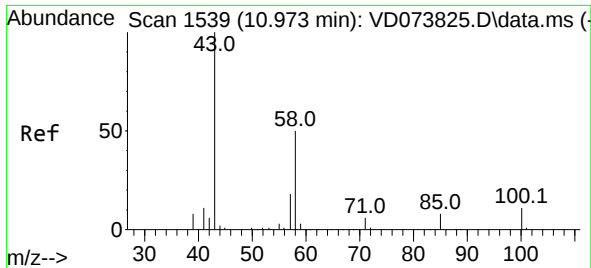
Tgt Ion: 63 Resp: 51367

Ion Ratio Lower Upper

63 100

106 27.3 21.3 31.9

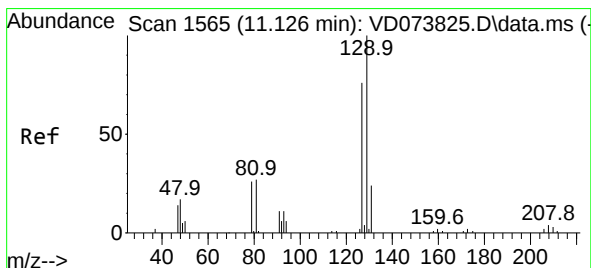
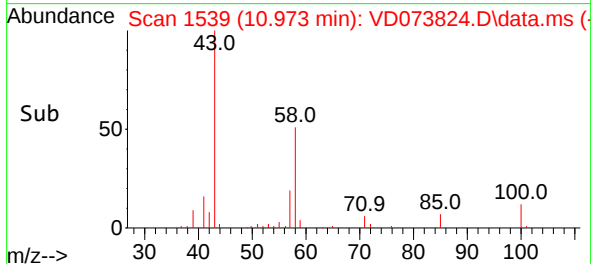
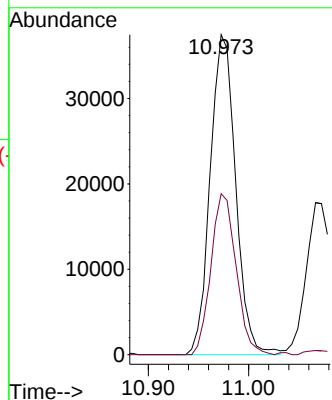
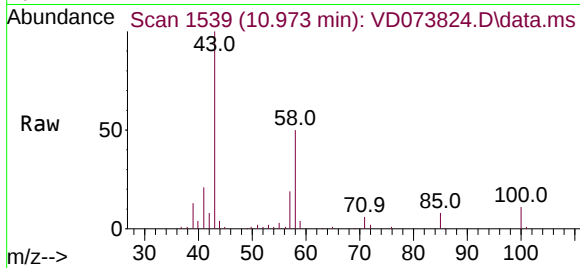




#59
2-Hexanone
Concen: 92.339 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

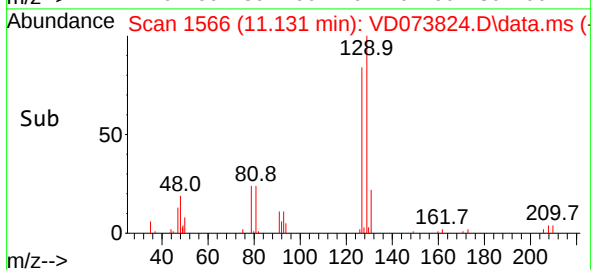
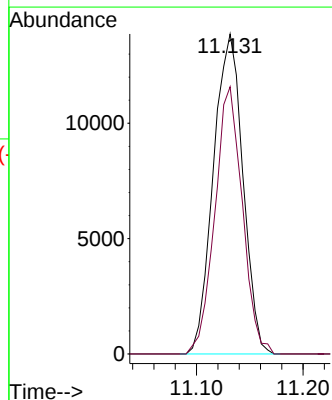
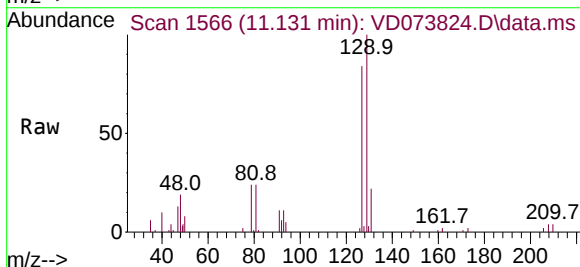
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

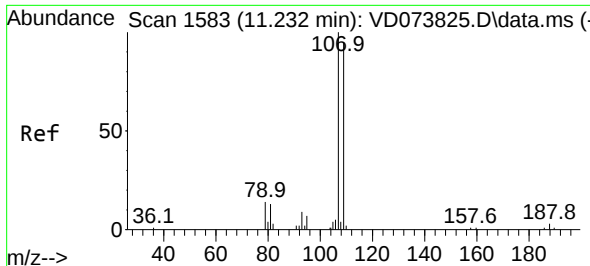
Tgt Ion: 43 Resp: 66025
Ion Ratio Lower Upper
43 100
58 49.6 25.3 75.9



#60
Dibromochloromethane
Concen: 18.533 ug/l
RT: 11.131 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion: 129 Resp: 26650
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1

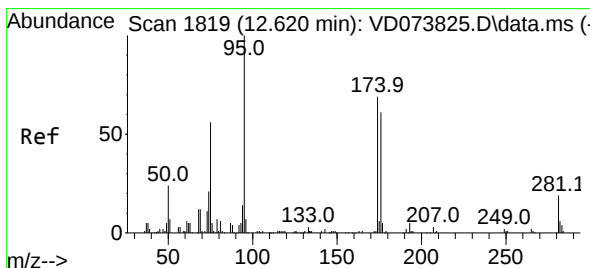
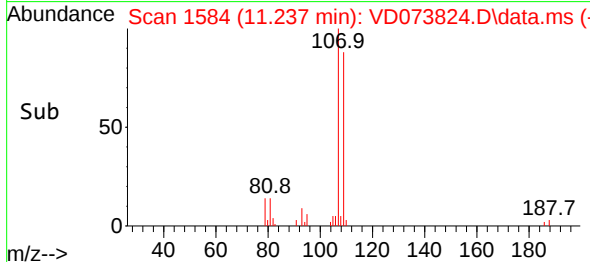
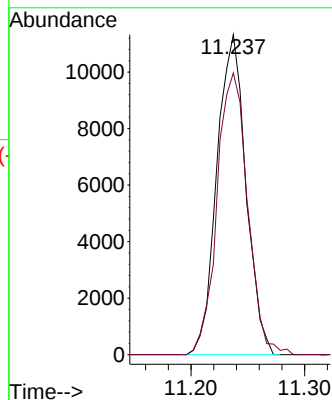
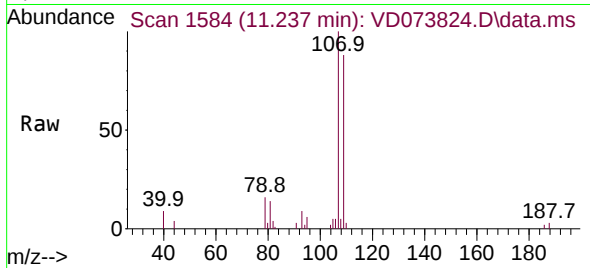




#61
1,2-Dibromoethane
Concen: 18.732 ug/l
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

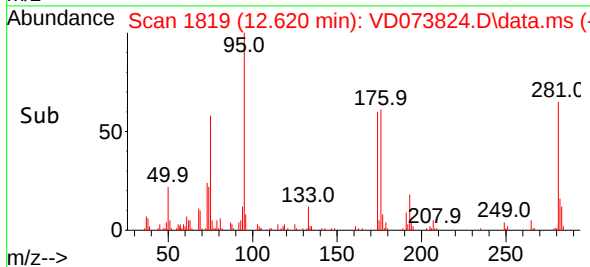
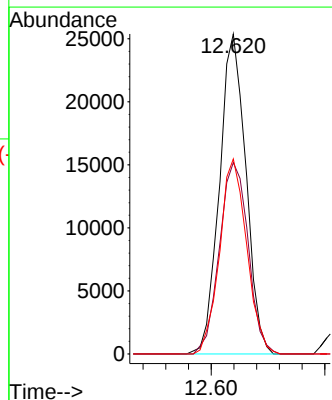
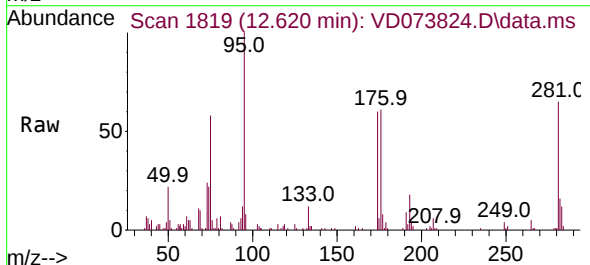
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

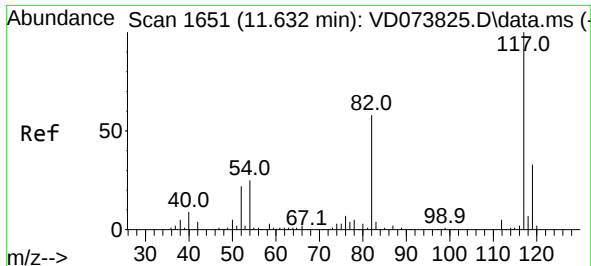
Tgt Ion:107 Resp: 20091
Ion Ratio Lower Upper
107 100
109 92.9 73.2 109.8



#62
4-Bromofluorobenzene
Concen: 20.632 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion: 95 Resp: 40910
Ion Ratio Lower Upper
95 100
174 65.1 0.0 131.8
176 62.6 0.0 124.2

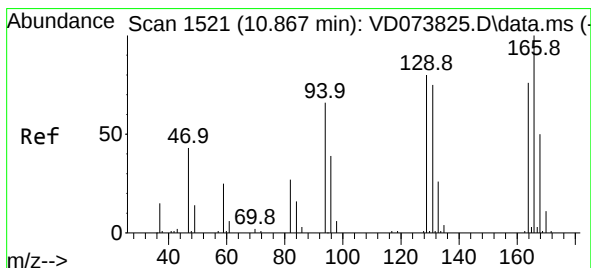
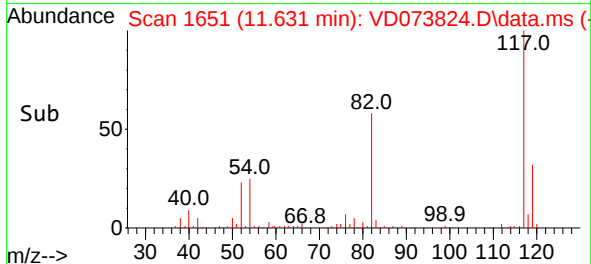
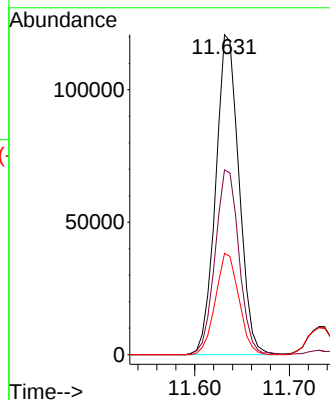
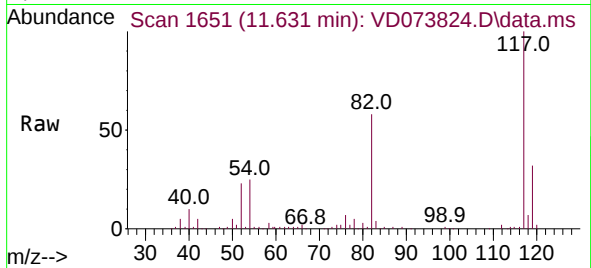




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

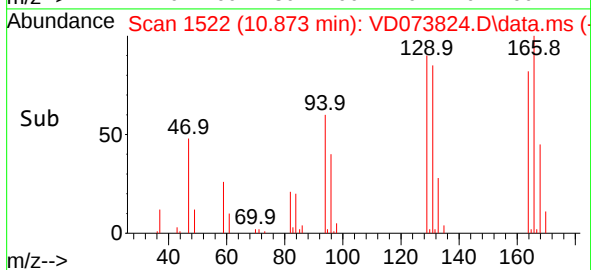
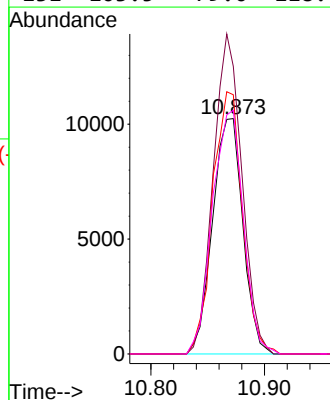
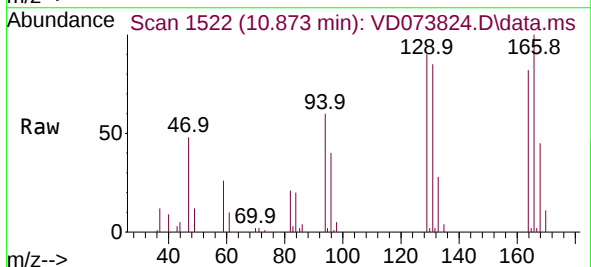
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

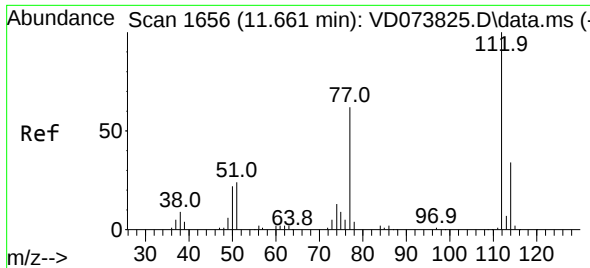
Tgt Ion:117 Resp: 207033
Ion Ratio Lower Upper
117 100
82 57.8 46.6 69.8
119 31.6 26.1 39.1



#64
Tetrachloroethene
Concen: 18.476 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion:164 Resp: 18959
Ion Ratio Lower Upper
164 100
166 122.1 105.0 157.6
129 110.1 83.8 125.8
131 103.5 79.0 118.4

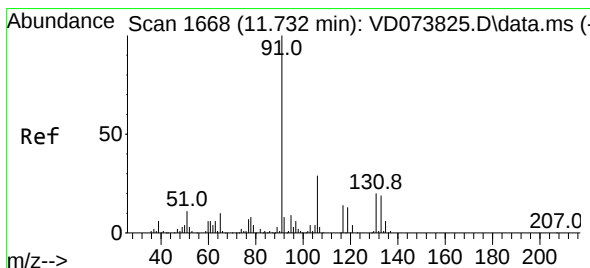
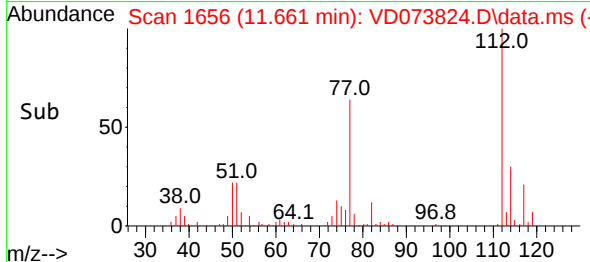
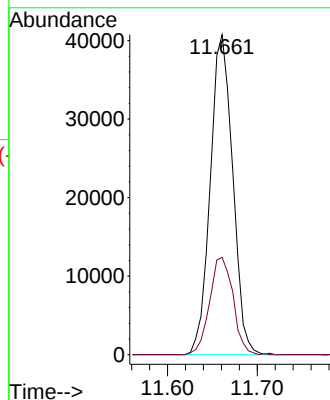
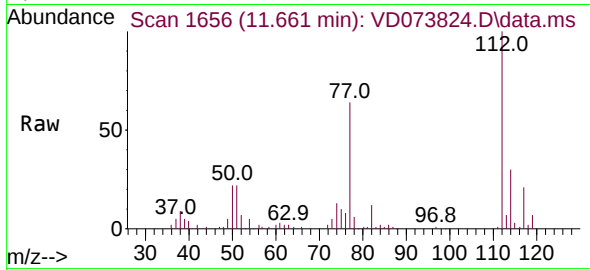




#65
Chlorobenzene
Concen: 18.205 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

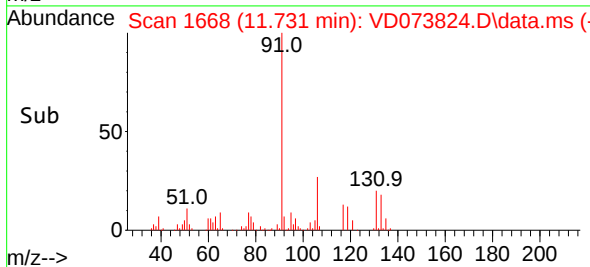
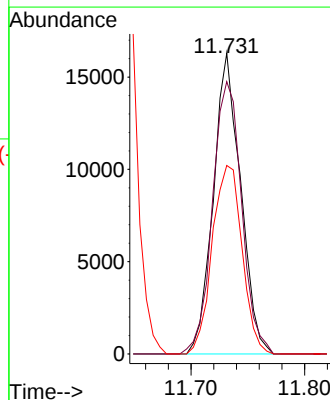
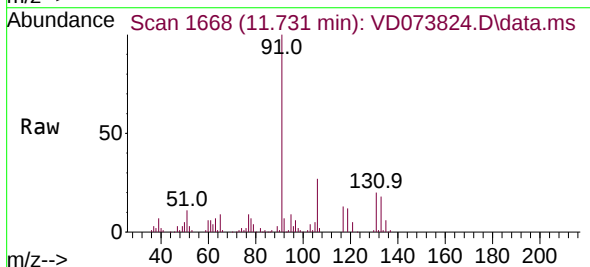
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

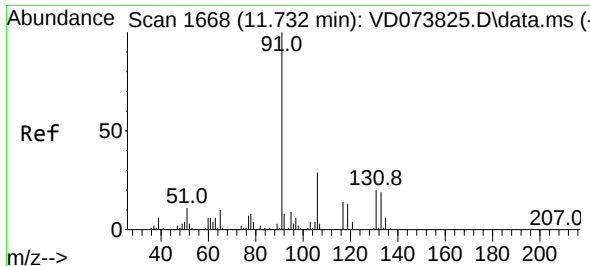
Tgt Ion:112 Resp: 70754
Ion Ratio Lower Upper
112 100
114 30.4 27.1 40.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.086 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion:131 Resp: 27164
Ion Ratio Lower Upper
131 100
133 96.8 47.0 141.0
119 68.5 32.6 98.0

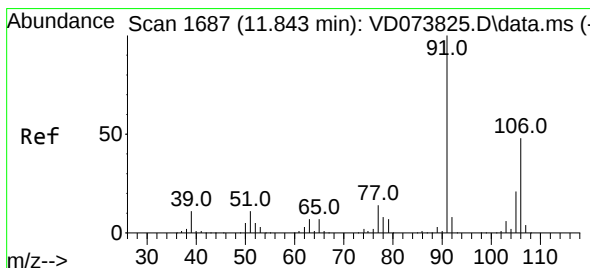
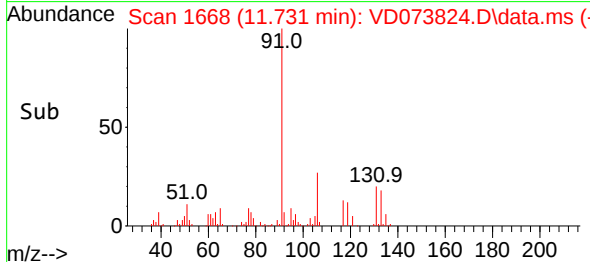
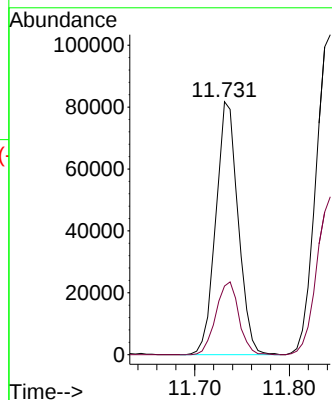
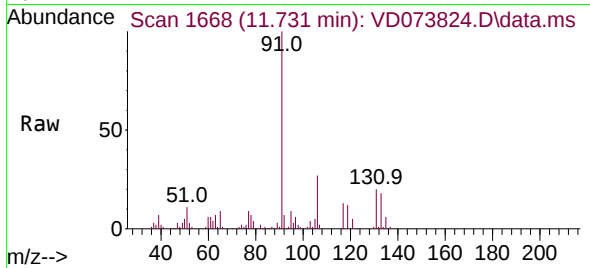




#67
Ethyl Benzene
Concen: 18.891 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

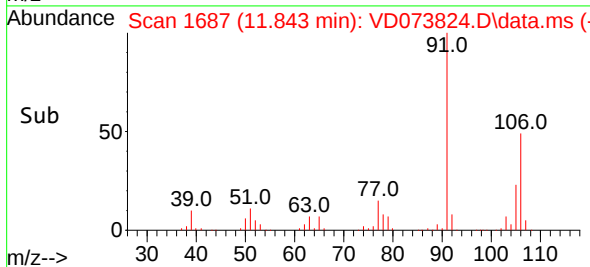
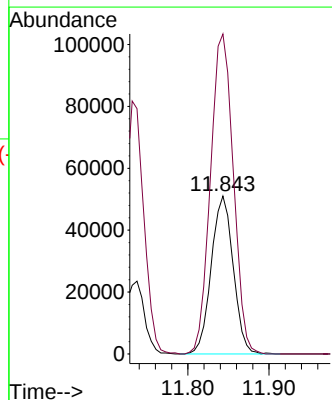
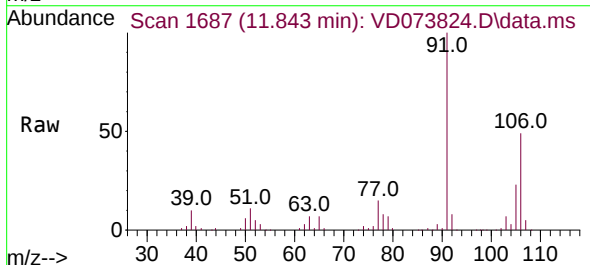
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

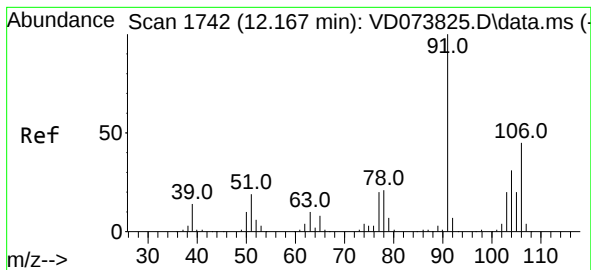
Tgt Ion: 91 Resp: 133801
Ion Ratio Lower Upper
91 100
106 27.1 23.2 34.8



#68
m/p-Xylenes
Concen: 35.897 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion:106 Resp: 95903
Ion Ratio Lower Upper
106 100
91 211.1 167.0 250.4





#69

o-Xylene

Concen: 18.593 ug/l

RT: 12.167 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

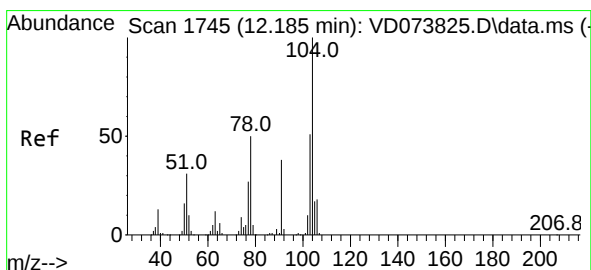
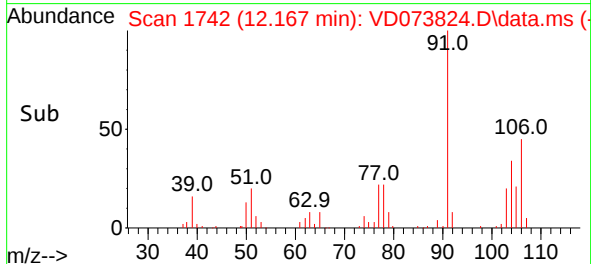
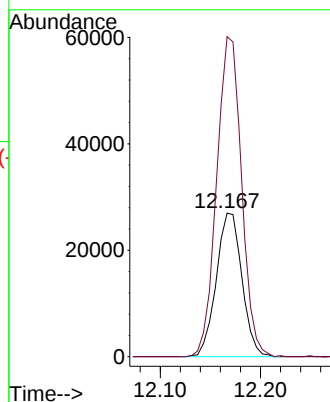
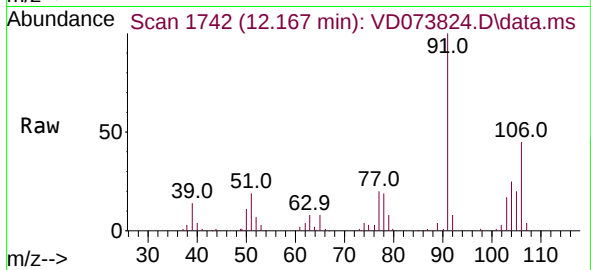
VSTDIC020

Tgt Ion:106 Resp: 47861

Ion Ratio Lower Upper

106 100

91 216.8 110.4 331.2



#70

Styrene

Concen: 18.055 ug/l

RT: 12.178 min Scan# 1744

Delta R.T. -0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

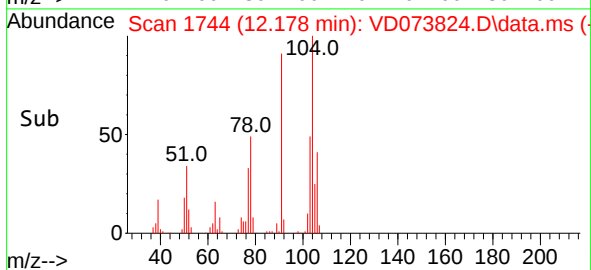
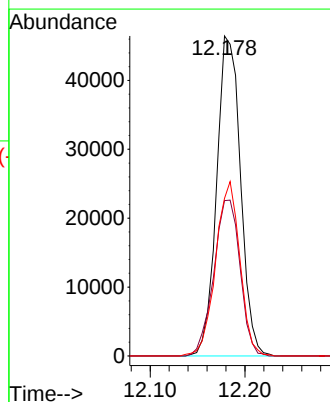
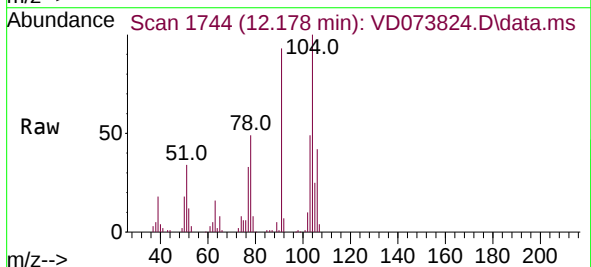
Tgt Ion:104 Resp: 81359

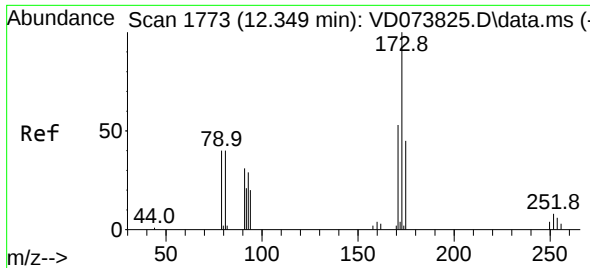
Ion Ratio Lower Upper

104 100

78 53.6 42.8 64.2

103 55.2 44.5 66.7

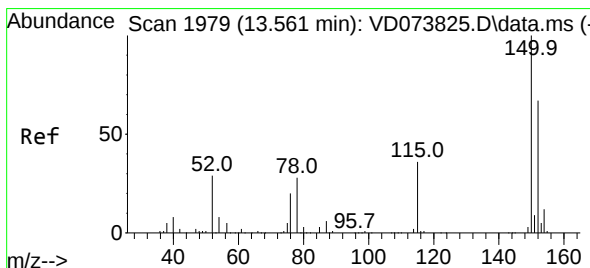
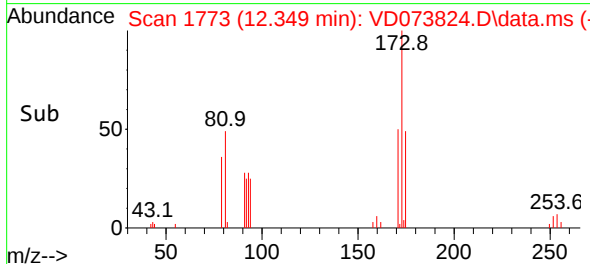
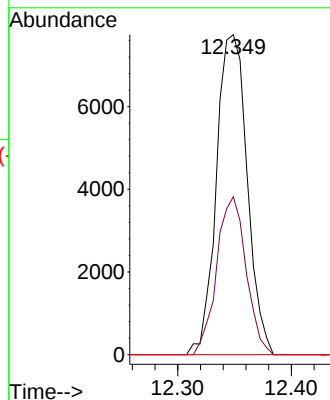
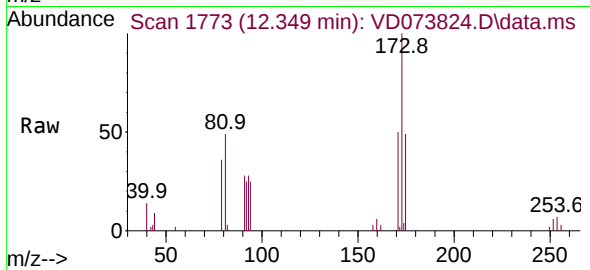




#71
Bromoform
Concen: 19.030 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

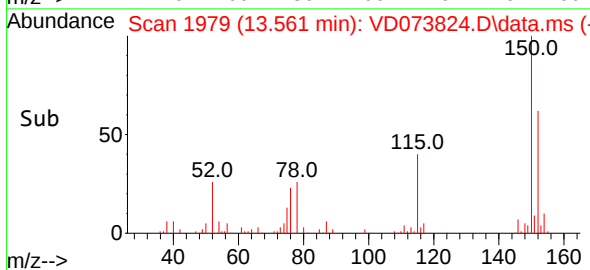
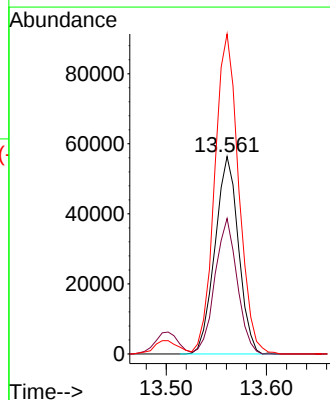
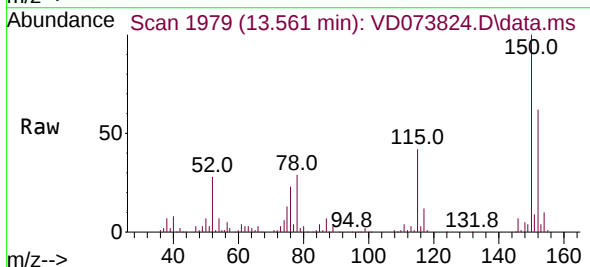
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

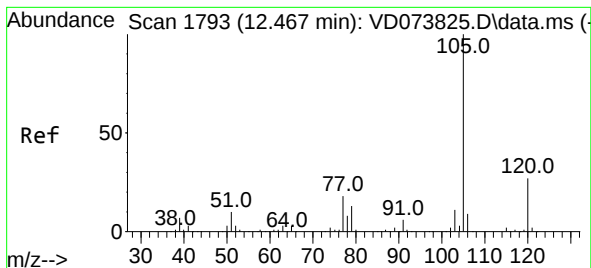
Tgt Ion:173 Resp: 14555
Ion Ratio Lower Upper
173 100
175 47.1 23.4 70.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion:152 Resp: 91482
Ion Ratio Lower Upper
152 100
115 65.2 33.5 100.5
150 165.8 0.0 343.2





#73

Isopropylbenzene

Concen: 18.795 ug/l

RT: 12.467 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

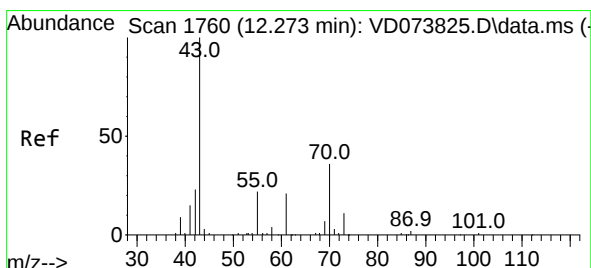
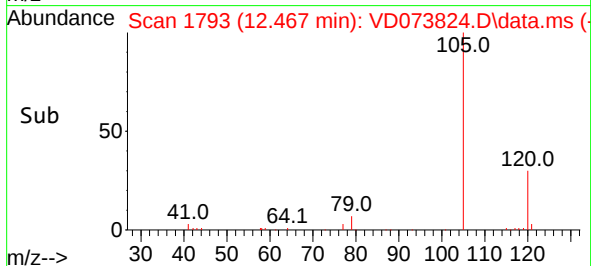
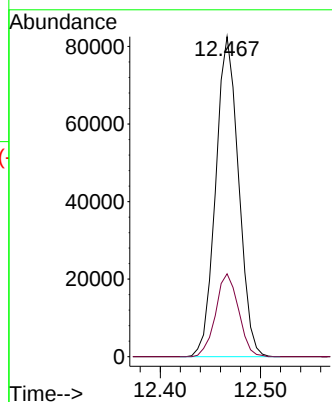
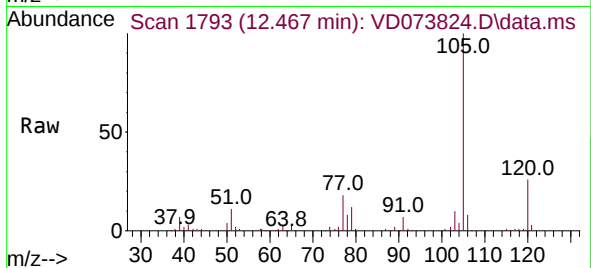
VSTDIC020

Tgt Ion:105 Resp: 130748

Ion Ratio Lower Upper

105 100

120 25.9 13.2 39.5



#74

N-ethyl acetate

Concen: 17.727 ug/l

RT: 12.278 min Scan# 1761

Delta R.T. 0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Tgt Ion: 43 Resp: 34603

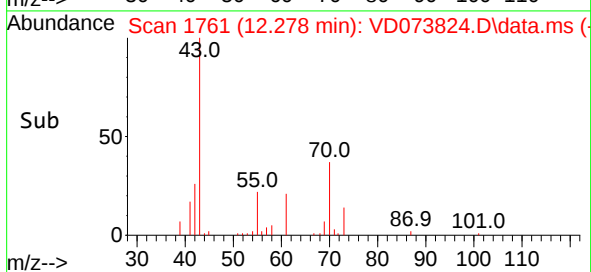
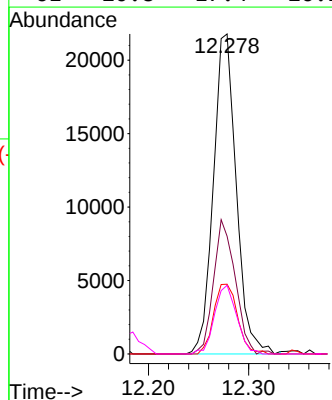
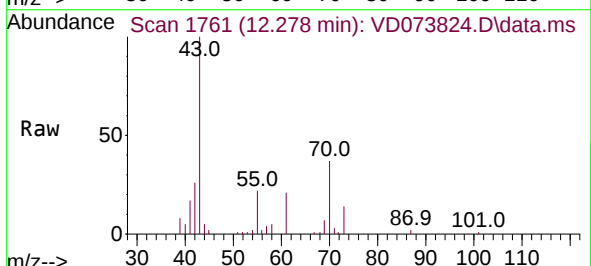
Ion Ratio Lower Upper

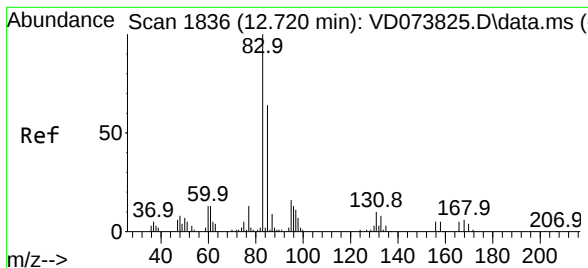
43 100

70 39.8 30.0 45.0

55 22.6 17.4 26.0

61 20.8 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.957 ug/l

RT: 12.714 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

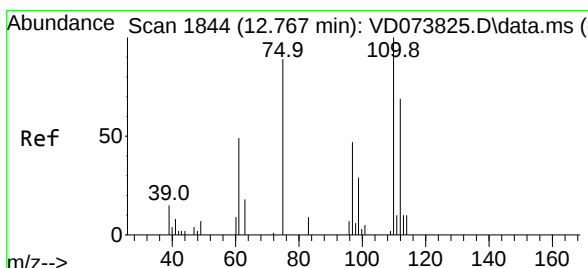
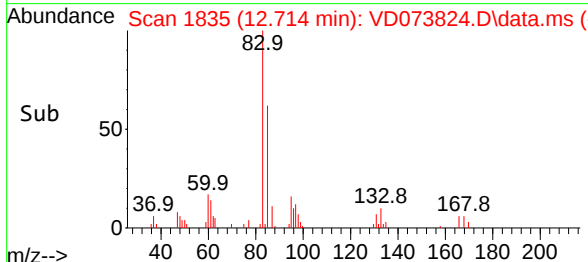
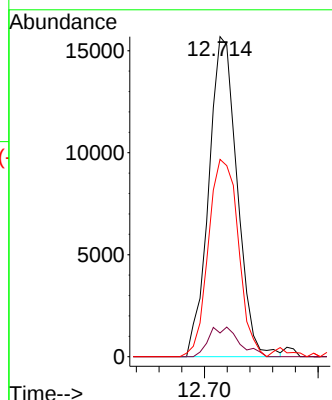
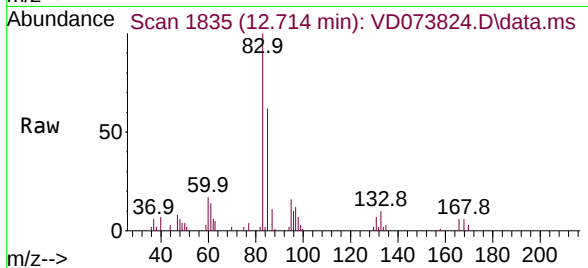
Tgt Ion: 83 Resp: 27268

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

85 65.0 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 31.463 ug/l

RT: 12.767 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VD073824.D

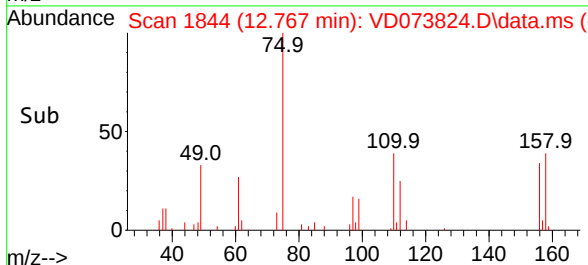
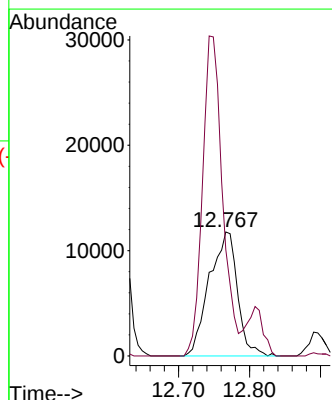
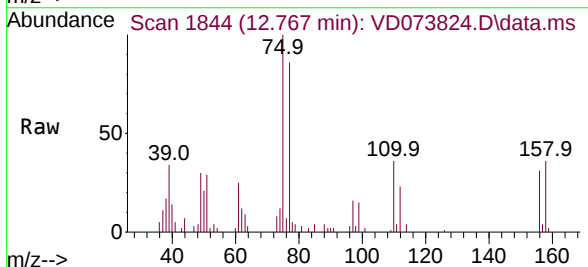
Acq: 11 Jul 2022 12:38

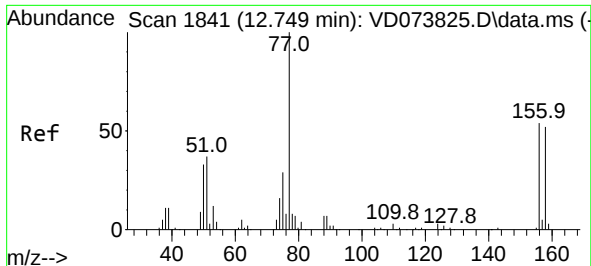
Tgt Ion: 75 Resp: 32352

Ion Ratio Lower Upper

75 100

77 0.0 138.0 414.0#

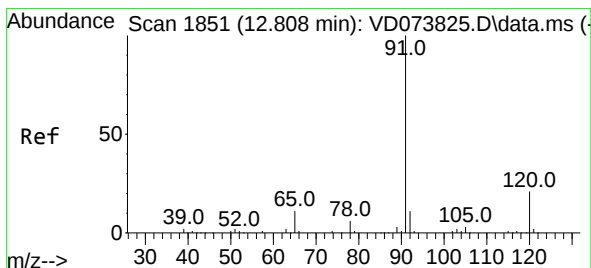
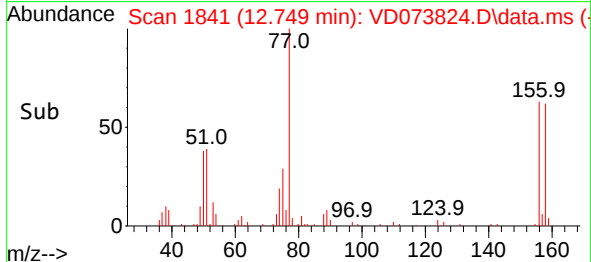
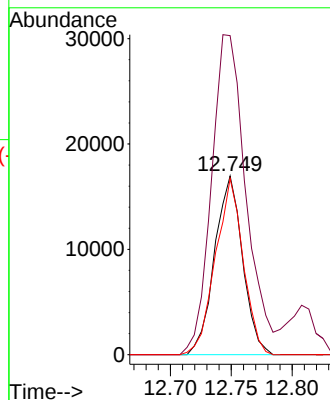
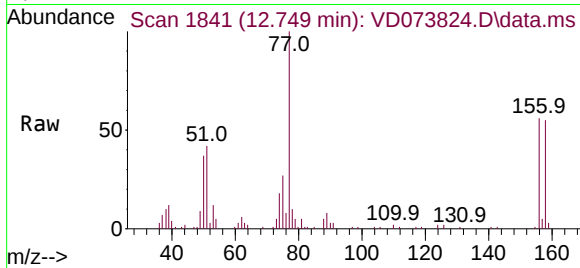




#77
Bromobenzene
Concen: 18.681 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

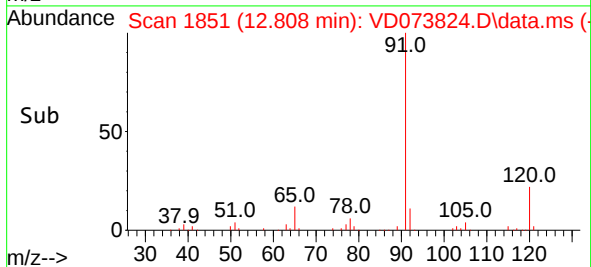
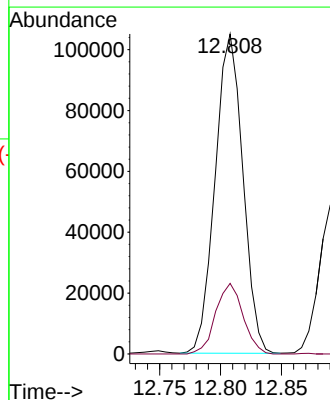
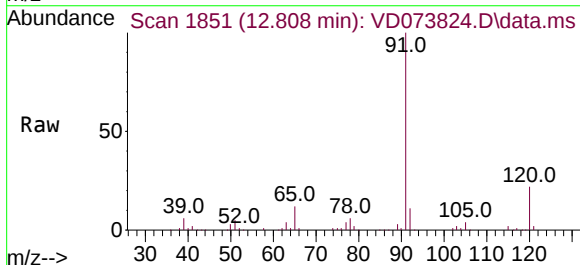
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

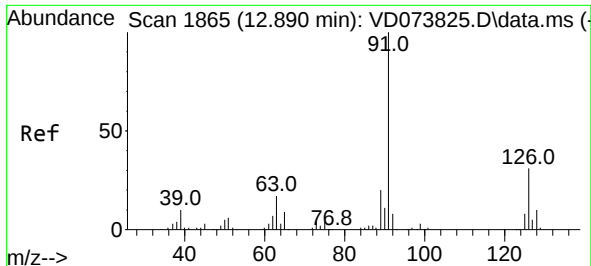
Tgt Ion:156 Resp: 27147
Ion Ratio Lower Upper
156 100
77 219.3 110.1 330.3
158 97.5 48.3 144.9



#78
n-propylbenzene
Concen: 18.956 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion: 91 Resp: 166290
Ion Ratio Lower Upper
91 100
120 21.8 10.5 31.6





#79

2-Chlorotoluene

Concen: 18.404 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.006 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

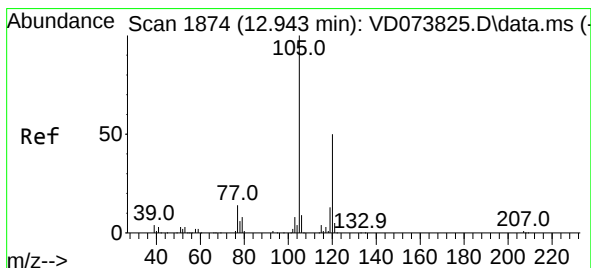
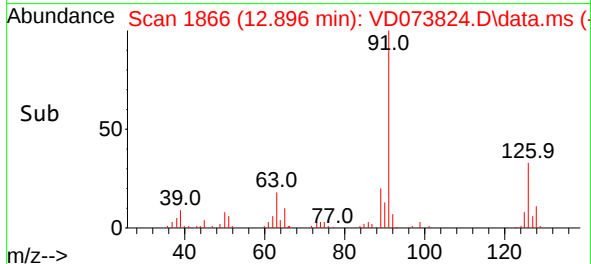
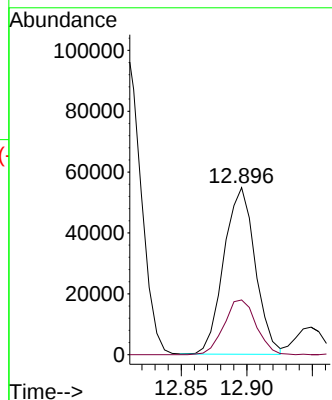
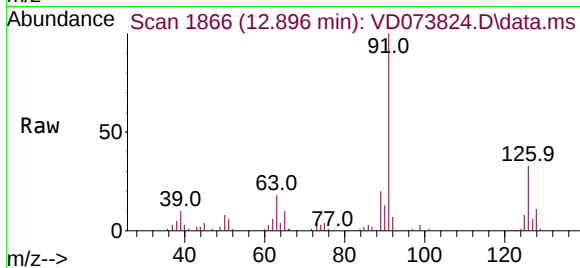
VSTDIC020

Tgt Ion: 91 Resp: 91221

Ion Ratio Lower Upper

91 100

126 33.6 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 18.677 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VD073824.D

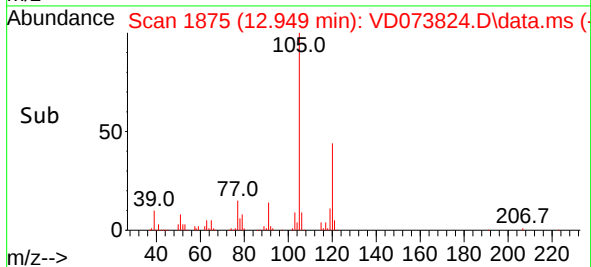
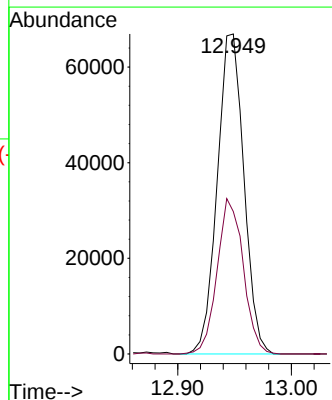
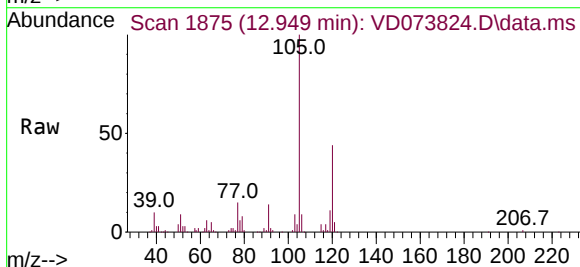
Acq: 11 Jul 2022 12:38

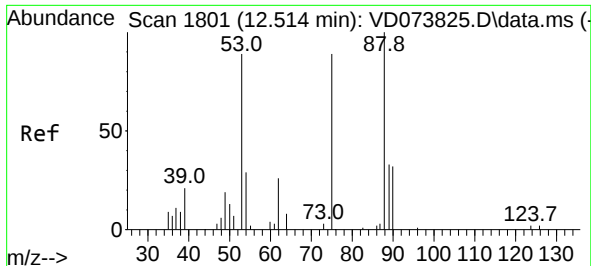
Tgt Ion:105 Resp: 108950

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.4

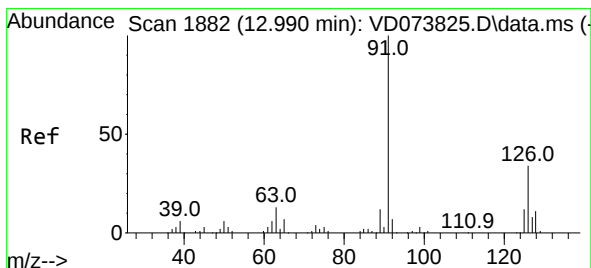
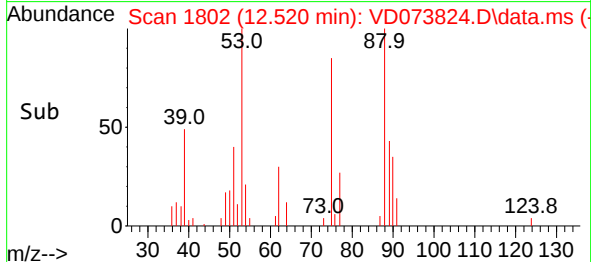
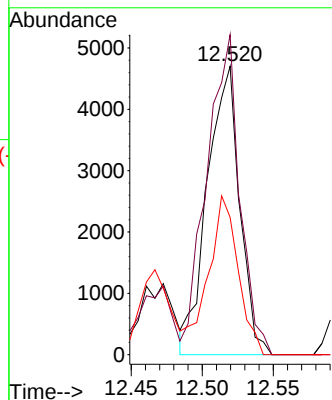
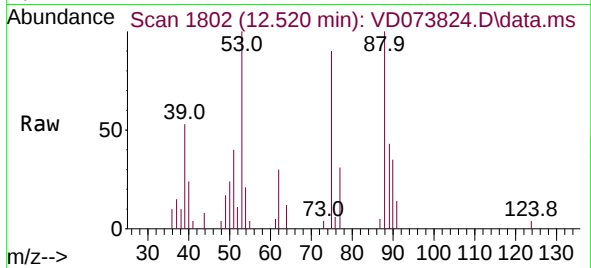




#81
trans-1,4-Dichloro-2-butene
Concen: 17.021 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

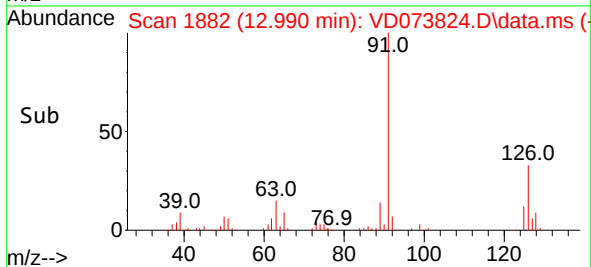
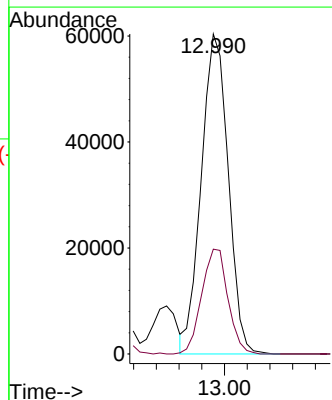
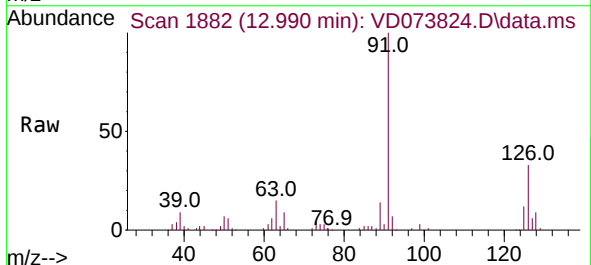
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

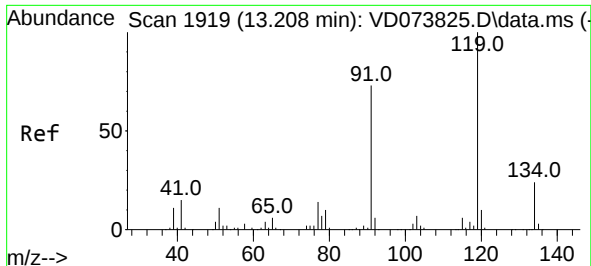
Tgt Ion: 75 Resp: 7445
Ion Ratio Lower Upper
75 100
53 113.1 79.3 118.9
89 51.2 34.8 52.2



#82
4-Chlorotoluene
Concen: 19.128 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion: 91 Resp: 99599
Ion Ratio Lower Upper
91 100
126 31.8 16.2 48.5

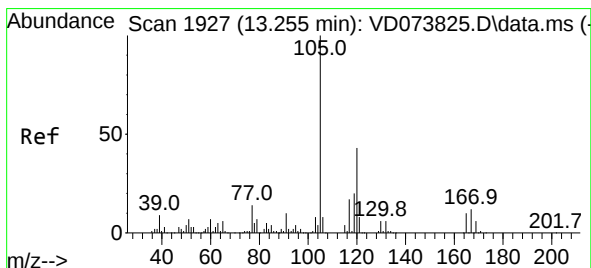
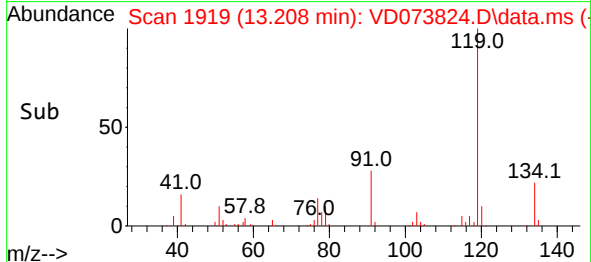
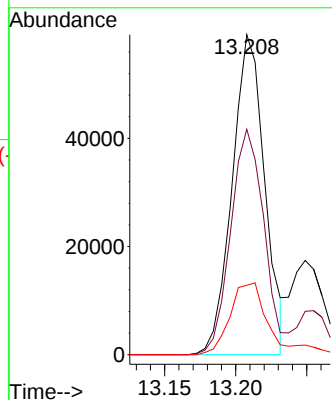
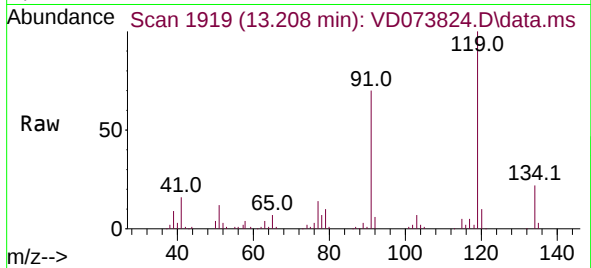




#83
tert-Butylbenzene
Concen: 18.308 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

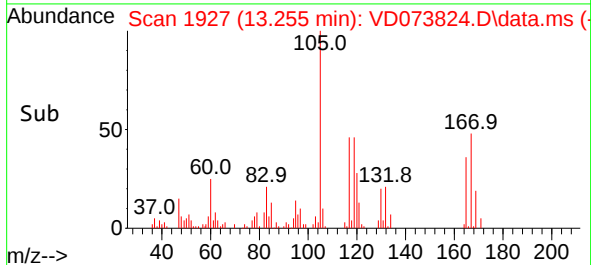
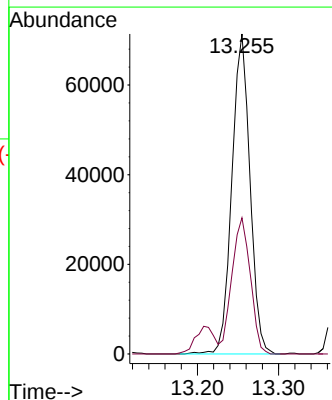
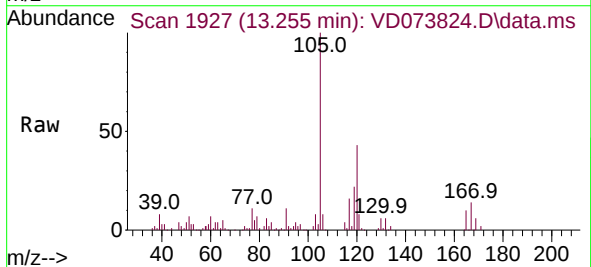
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

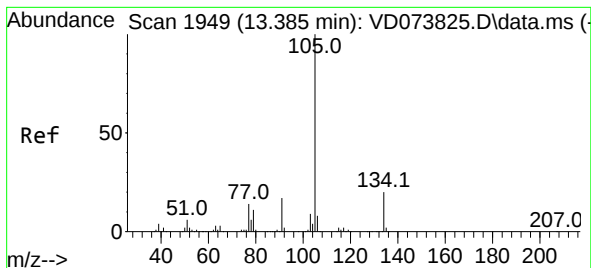
Tgt Ion:119 Resp: 94340
Ion Ratio Lower Upper
119 100
91 72.9 36.0 108.0
134 27.0 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 19.083 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073824.D
Acq: 11 Jul 2022 12:38

Tgt Ion:105 Resp: 110259
Ion Ratio Lower Upper
105 100
120 43.7 21.9 65.5





#85

sec-Butylbenzene

Concen: 18.728 ug/l

RT: 13.384 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

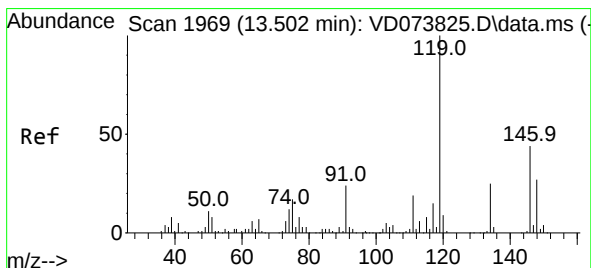
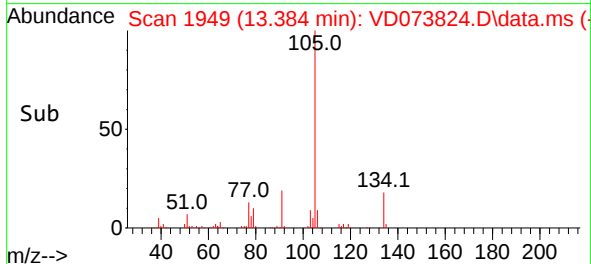
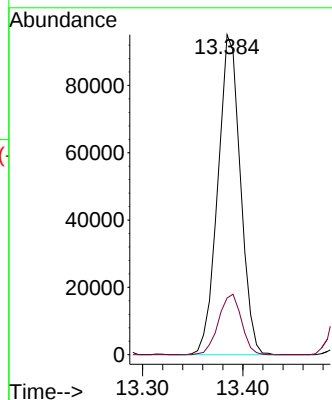
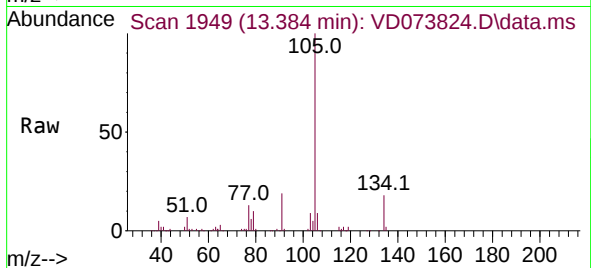
VSTDIC020

Tgt Ion:105 Resp: 148607

Ion Ratio Lower Upper

105 100

134 19.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.008 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

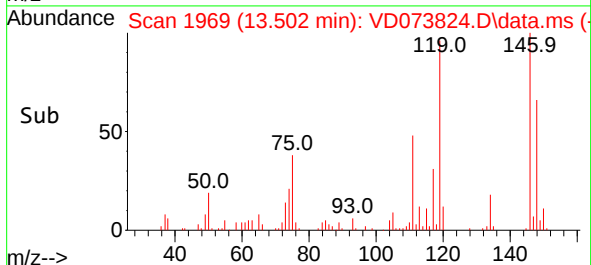
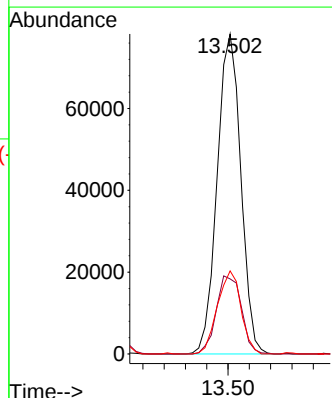
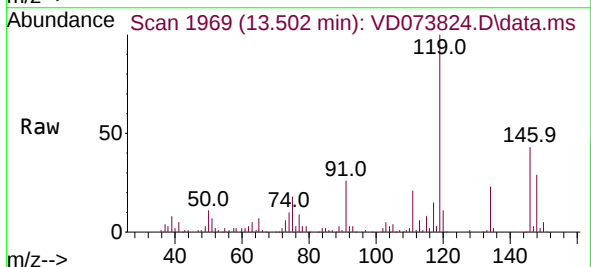
Tgt Ion:119 Resp: 120472

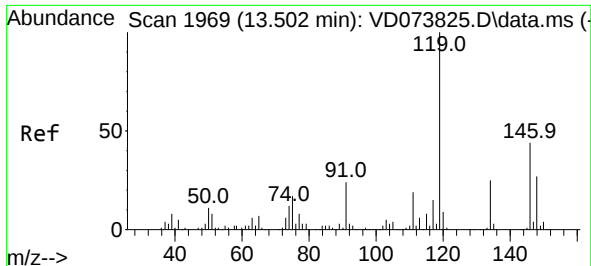
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 25.7 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 19.106 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

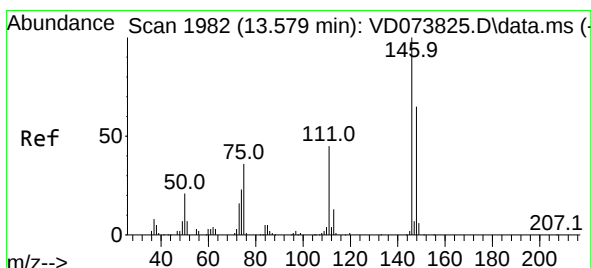
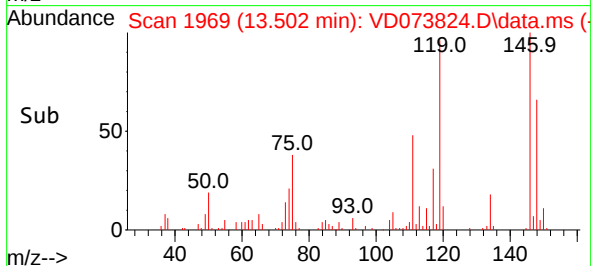
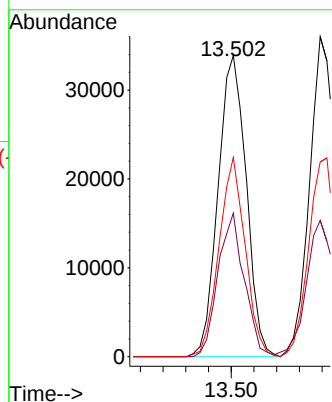
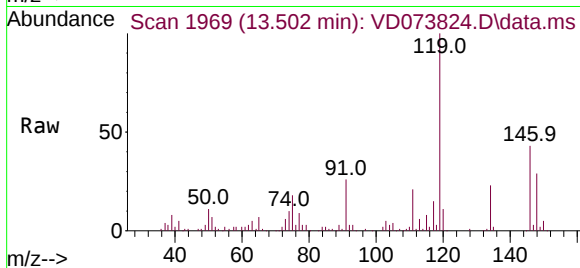
Tgt Ion:146 Resp: 58259

Ion Ratio Lower Upper

146 100

111 44.5 21.8 65.4

148 61.7 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 18.748 ug/l

RT: 13.578 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

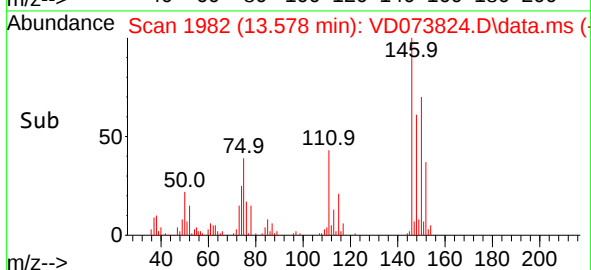
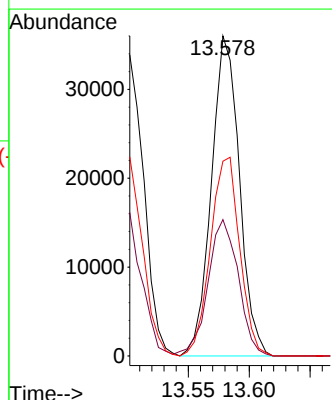
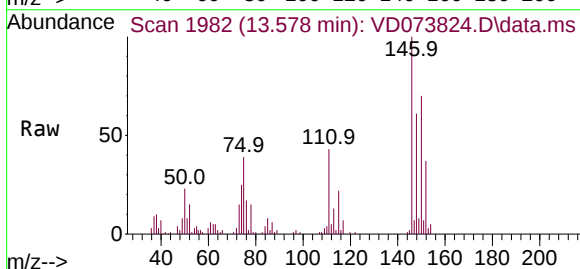
Tgt Ion:146 Resp: 57692

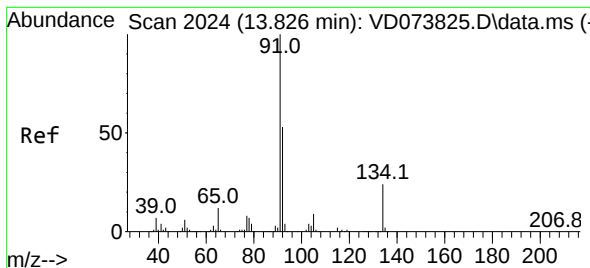
Ion Ratio Lower Upper

146 100

111 46.2 21.9 65.7

148 64.9 32.4 97.0





#89

n-Butylbenzene

Concen: 18.962 ug/l

RT: 13.825 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

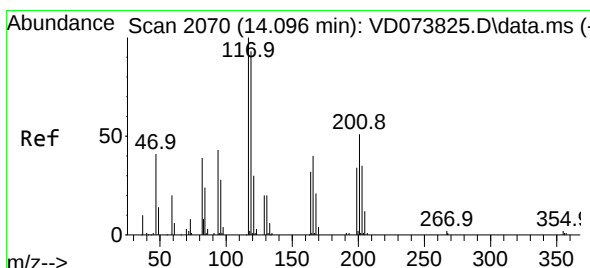
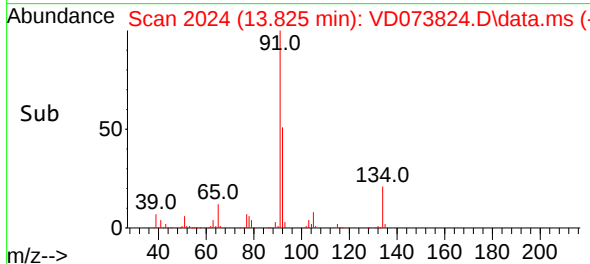
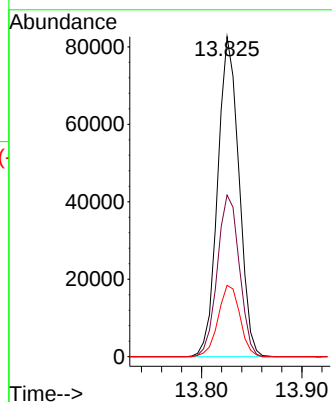
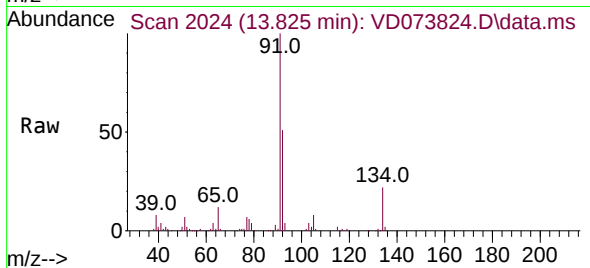
Tgt Ion: 91 Resp: 121535

Ion Ratio Lower Upper

91 100

92 52.3 26.7 80.1

134 22.9 11.6 34.7



#90

Hexachloroethane

Concen: 18.128 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VD073824.D

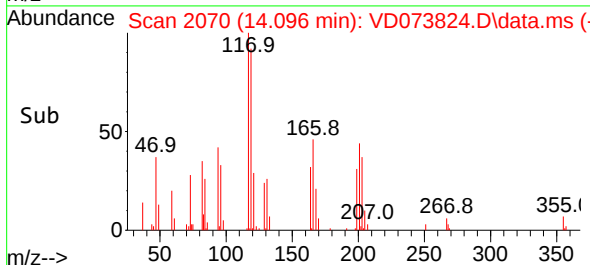
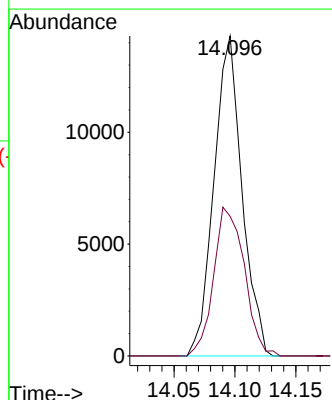
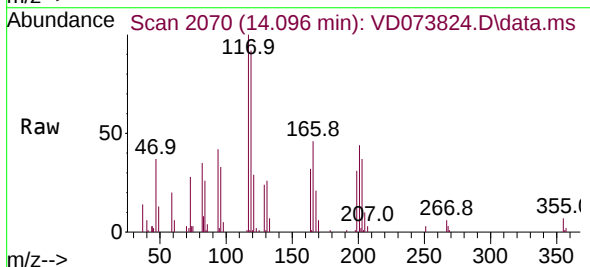
Acq: 11 Jul 2022 12:38

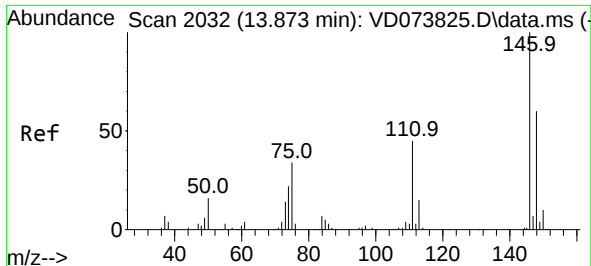
Tgt Ion: 117 Resp: 22925

Ion Ratio Lower Upper

117 100

201 50.7 26.7 80.0





#91

1,2-Dichlorobenzene

Concen: 18.653 ug/l

RT: 13.872 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

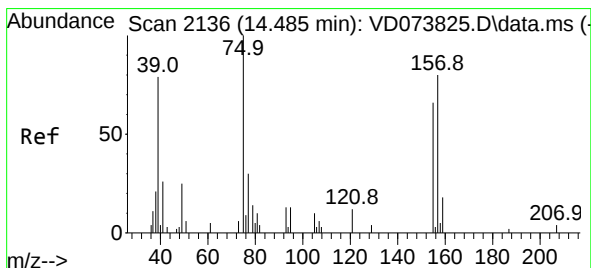
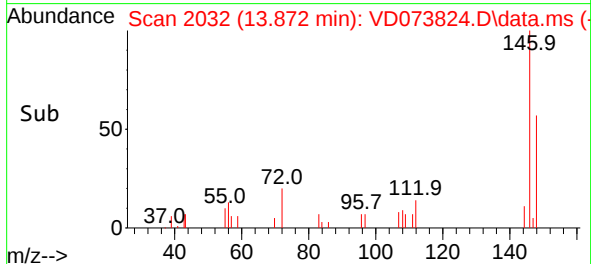
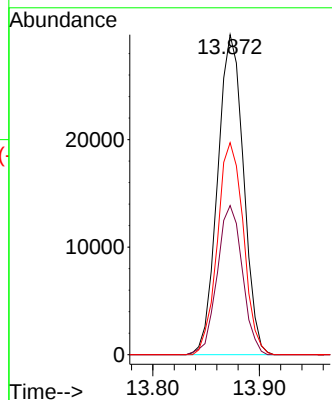
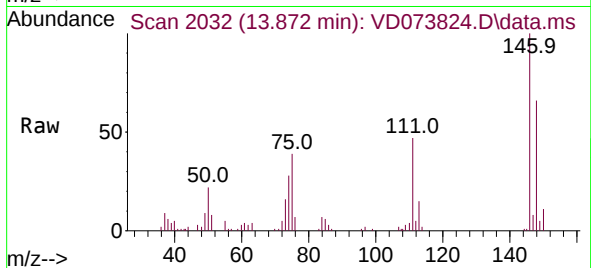
Tgt Ion:146 Resp: 50230

Ion Ratio Lower Upper

146 100

111 45.3 22.8 68.4

148 66.6 30.6 91.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.442 ug/l

RT: 14.484 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

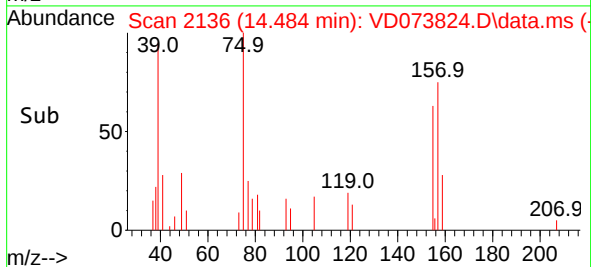
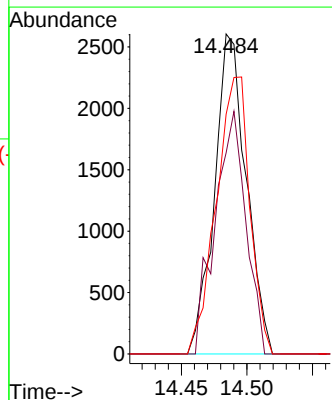
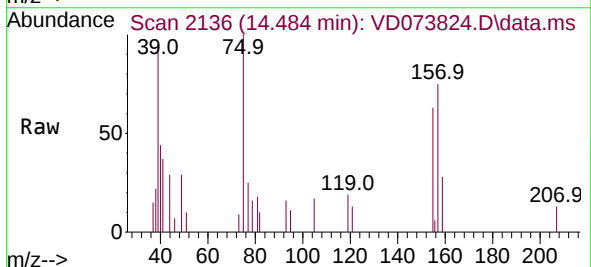
Tgt Ion: 75 Resp: 4380

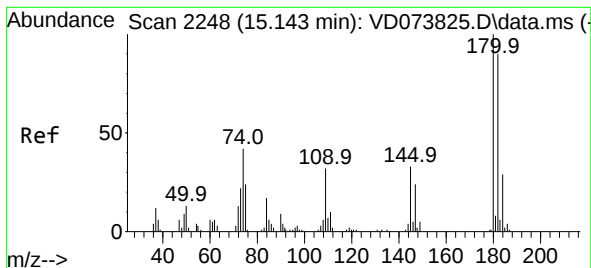
Ion Ratio Lower Upper

75 100

155 73.7 35.7 107.1

157 91.8 46.7 140.1





#93

1,2,4-Trichlorobenzene

Concen: 18.181 ug/l

RT: 15.143 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

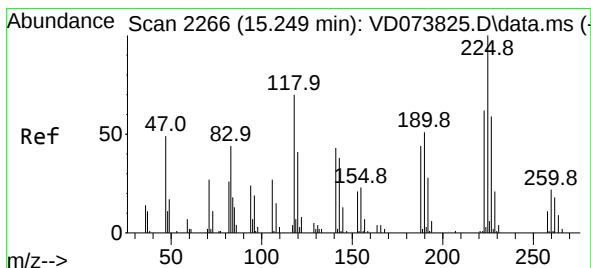
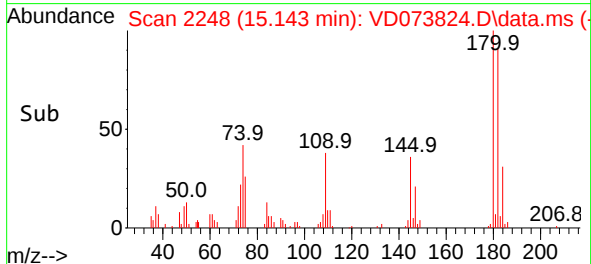
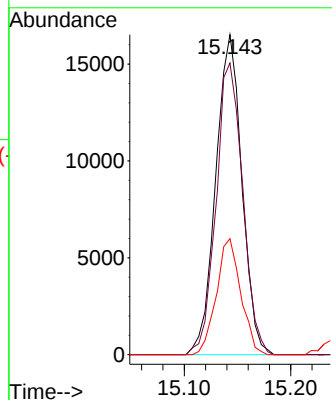
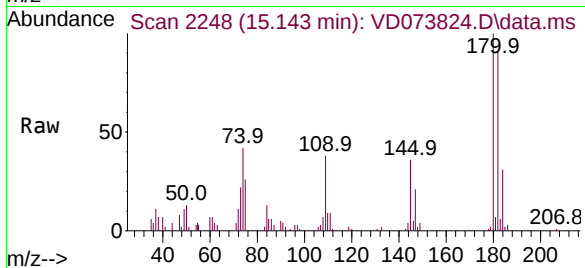
Tgt Ion:180 Resp: 28150

Ion Ratio Lower Upper

180 100

182 92.7 46.9 140.8

145 33.8 17.0 51.0



#94

Hexachlorobutadiene

Concen: 19.497 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

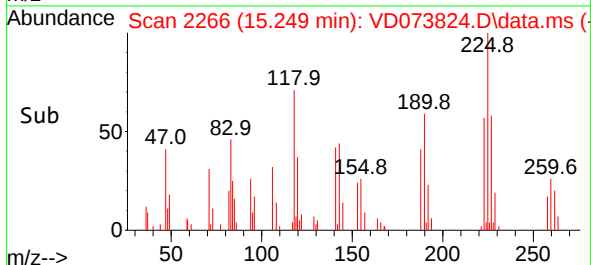
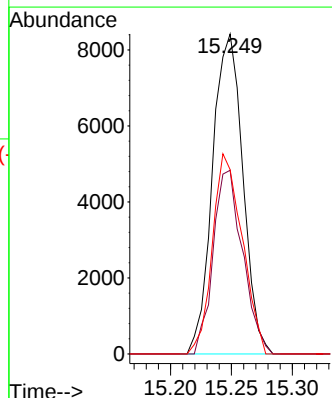
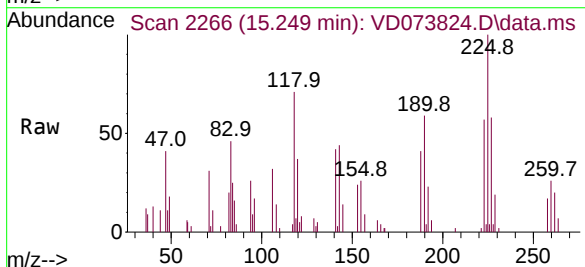
Tgt Ion:225 Resp: 14569

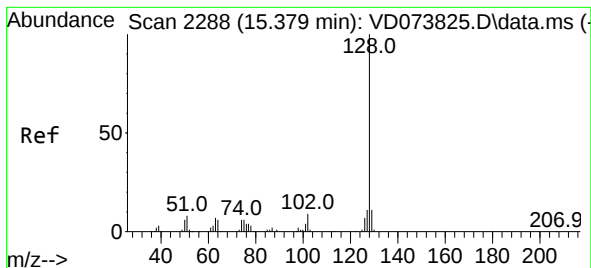
Ion Ratio Lower Upper

225 100

223 55.9 31.8 95.3

227 61.4 31.4 94.2





#95

Naphthalene

Concen: 17.324 ug/l

RT: 15.378 min Scan# 2288

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

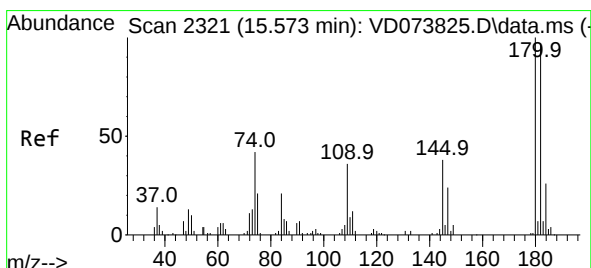
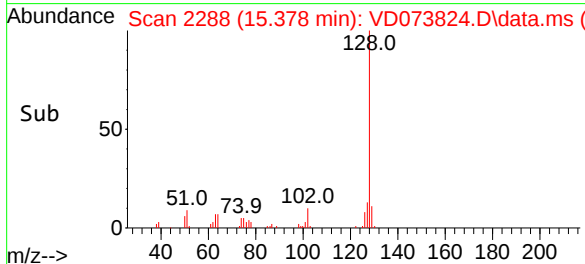
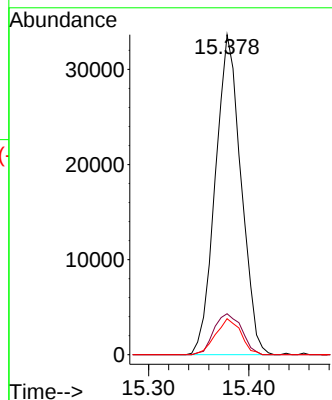
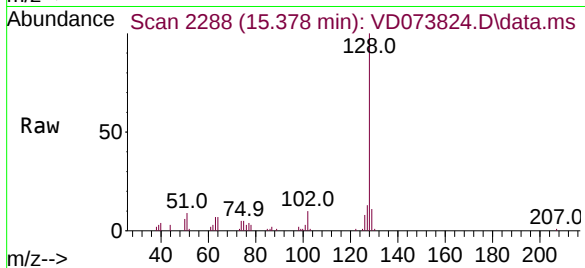
Tgt Ion:128 Resp: 59818

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.153 ug/l

RT: 15.572 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073824.D

Acq: 11 Jul 2022 12:38

Tgt Ion:180 Resp: 24698

Ion Ratio Lower Upper

180 100

182 93.9 47.4 142.3

145 38.5 18.9 56.9

