

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080322\
 Data File : VY080322.D
 Acq On : 03 Aug 2022 14:24
 Operator : KP/MD
 Sample : VSTDIC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Quant Time: Aug 04 00:50:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 00:44:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	55210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	87965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	82966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	62885	115.292	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 230.580%#	
35) Dibromofluoromethane	7.710	113	68323	127.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 254.780%#	
50) Toluene-d8	10.173	98	209140	111.573	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 223.140%#	
62) 4-Bromofluorobenzene	12.477	95	102695	141.402	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 282.800%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	72056	123.827	ug/l	98
3) Chloromethane	2.107	50	101624	127.322	ug/l	99
4) Vinyl Chloride	2.241	62	108529	129.682	ug/l	99
5) Bromomethane	2.619	94	63010	111.111	ug/l	98
6) Chloroethane	2.772	64	66192	121.573	ug/l	97
7) Trichlorofluoromethane	3.107	101	161733	144.958	ug/l	97
8) Diethyl Ether	3.515	74	52922	157.656	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	83970	137.577	ug/l	98
10) Methyl Iodide	4.070	142	107636	166.575	ug/l	99
11) Tert butyl alcohol	4.948	59	44066	768.876	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	79588	142.750	ug/l	98
13) Acrolein	3.717	56	4548	588.226	ug/l	96
14) Allyl chloride	4.460	41	151238	161.657	ug/l	97
15) Acrylonitrile	5.149	53	142585	800.133	ug/l	99
16) Acetone	3.942	43	109761	702.316	ug/l	97
17) Carbon Disulfide	4.174	76	242538	139.561	ug/l	100
18) Methyl Acetate	4.466	43	69012	148.011	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	236902	165.638	ug/l	99
20) Methylene Chloride	4.698	84	96658	99.420	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	92935	146.616	ug/l	100
22) Diisopropyl ether	6.106	45	346879	167.457	ug/l	99
23) Vinyl Acetate	6.045	43	1167074	882.790	ug/l	98
24) 1,1-Dichloroethane	6.003	63	166714	148.700	ug/l	97
25) 2-Butanone	6.978	43	200930	786.000	ug/l	96
26) 2,2-Dichloropropane	6.972	77	143892	138.069	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	106913	151.028	ug/l	97
28) Bromochloromethane	7.326	49	66601	152.373	ug/l	95
29) Tetrahydrofuran	7.338	42	141868	861.652	ug/l	97
30) Chloroform	7.496	83	169731	144.675	ug/l	99
31) Cyclohexane	7.771	56	158686	151.903	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	148537	146.108	ug/l	99
36) 1,1-Dichloropropene	7.911	75	131789	148.112	ug/l	100
37) Ethyl Acetate	7.063	43	90439	156.047	ug/l	99
38) Carbon Tetrachloride	7.893	117	132388	141.469	ug/l	98
39) Methylcyclohexane	9.173	83	162524	157.437	ug/l	100
40) Benzene	8.149	78	394395	146.118	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	51866m	89.066	ug/l	
42) 1,2-Dichloroethane	8.228	62	110861	143.042	ug/l	100
43) Isopropyl Acetate	8.264	43	166639	165.019	ug/l	99
44) Trichloroethene	8.935	130	102841	142.968	ug/l	99
45) 1,2-Dichloropropane	9.209	63	101387	150.312	ug/l	99
46) Dibromomethane	9.301	93	57949	139.367	ug/l	98
47) Bromodichloromethane	9.490	83	133615	139.051	ug/l	96
48) Methyl methacrylate	9.289	41	78564	169.732	ug/l	98
49) 1,4-Dioxane	9.295	88	16186	3521.719	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	469074	823.508	ug/l	99
52) Toluene	10.240	92	251068	147.623	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	143750	152.626	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	161402	151.849	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	80429	144.364	ug/l	95
56) Ethyl methacrylate	10.508	69	120490	172.036	ug/l	98
57) 1,3-Dichloropropane	10.788	76	137251	145.056	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	274204	804.153	ug/l	97
59) 2-Hexanone	10.831	43	329342	834.499	ug/l	100
60) Dibromochloromethane	10.983	129	95892	143.931	ug/l	99
61) 1,2-Dibromoethane	11.087	107	76360	140.466	ug/l	100
64) Tetrachloroethene	10.715	164	94078	142.926	ug/l	97
65) Chlorobenzene	11.514	112	262424	145.602	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	95778	143.227	ug/l	99
67) Ethyl Benzene	11.587	91	479521	153.223	ug/l	99
68) m/p-Xylenes	11.697	106	370649	301.714	ug/l	100
69) o-Xylene	12.026	106	177864	162.034	ug/l	100
70) Styrene	12.038	104	309527	164.843	ug/l	98
71) Bromoform	12.203	173	60488	150.843	ug/l #	100
73) Isopropylbenzene	12.325	105	472764	158.714	ug/l	99
74) N-amyl acetate	12.142	43	169182	179.608	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	98357	146.507	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	68372m	85.684	ug/l	
77) Bromobenzene	12.605	156	107738	144.059	ug/l	96
78) n-propylbenzene	12.666	91	587982	156.447	ug/l	99
79) 2-Chlorotoluene	12.751	91	322339	154.025	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	389304	154.926	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	37714	164.996	ug/l	98
82) 4-Chlorotoluene	12.849	91	335541	152.002	ug/l	99
83) tert-Butylbenzene	13.075	119	338788	157.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	386078	155.843	ug/l	99
85) sec-Butylbenzene	13.251	105	510697	155.532	ug/l	100
86) p-Isopropyltoluene	13.367	119	425721	159.875	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	213787	145.478	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	214348	143.299	ug/l	99
89) n-Butylbenzene	13.696	91	432645	165.905	ug/l	100
90) Hexachloroethane	13.959	117	87560	153.092	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	204907	152.342	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17475	166.062	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	125619	168.343	ug/l	99
94) Hexachlorobutadiene	15.111	225	65052	148.827	ug/l	98
95) Naphthalene	15.233	128	285373	192.620	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	109579	166.021	ug/l	98

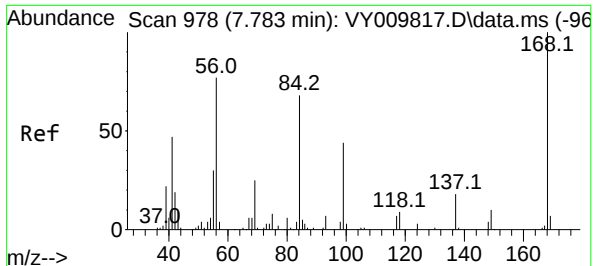
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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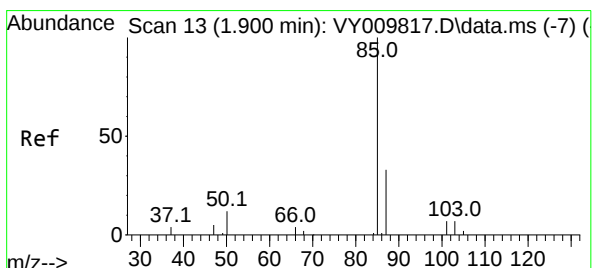
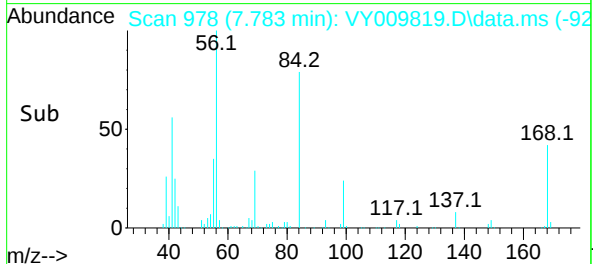
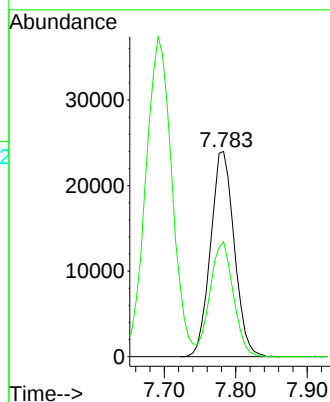
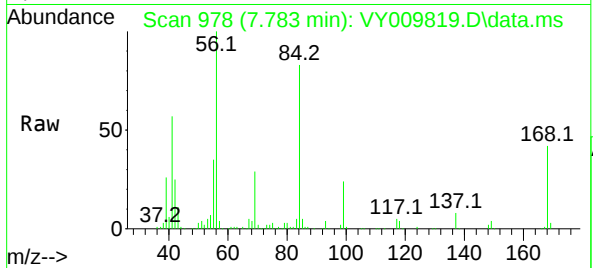
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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Acq: 03 Aug 2022 14:24

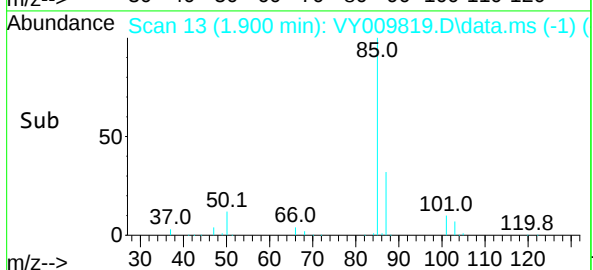
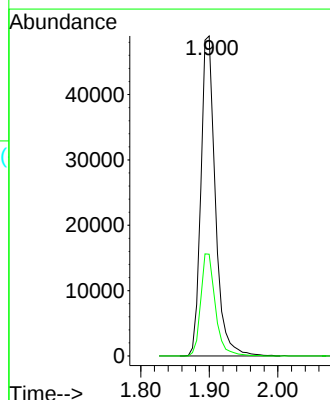
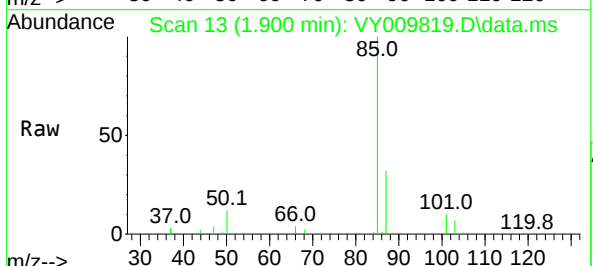
Instrument :
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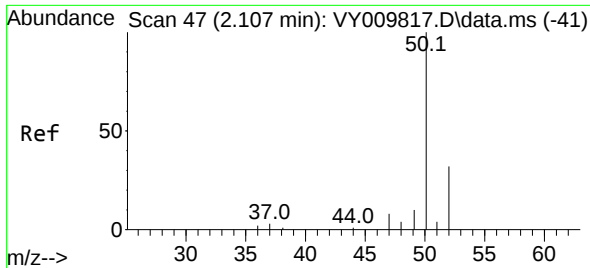
Tgt Ion:168 Resp: 55210
Ion Ratio Lower Upper
168 100
99 56.0 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 123.827 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion: 85 Resp: 72056
Ion Ratio Lower Upper
85 100
87 31.8 16.4 49.2

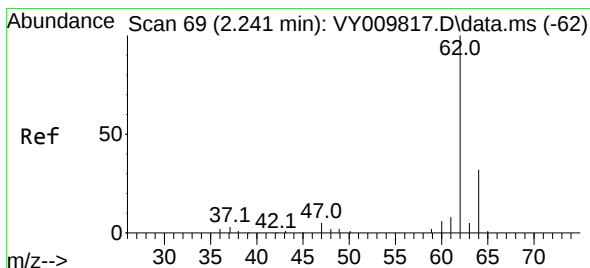
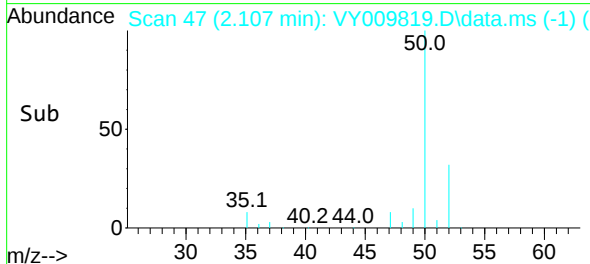
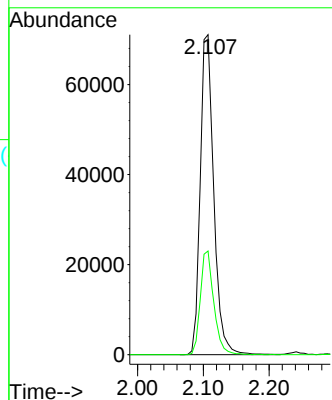
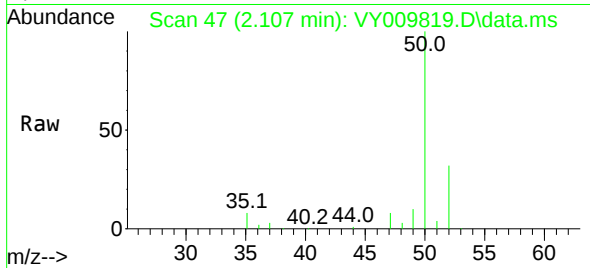




#3
Chloromethane
Concen: 127.322 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

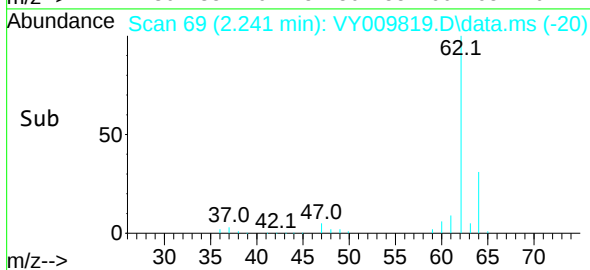
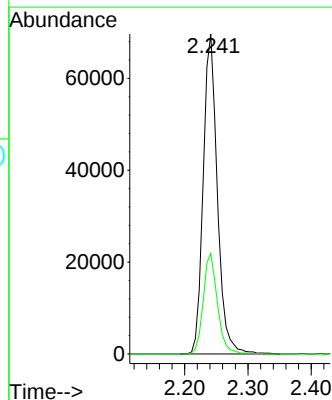
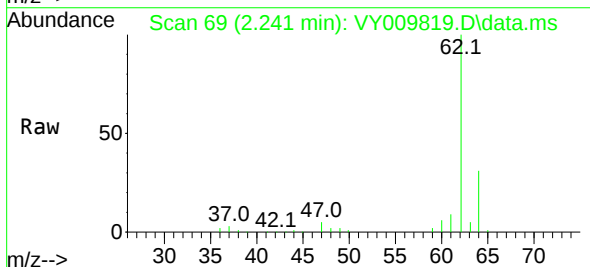
Instrument :
MSVOA_Y
ClientSampleId :
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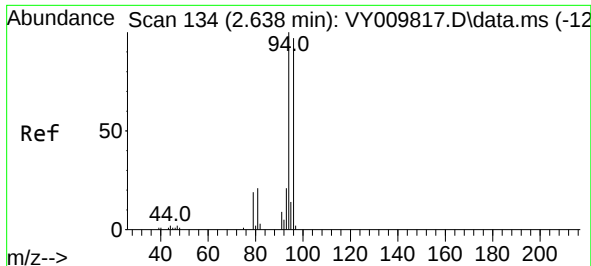
Tgt Ion: 50 Resp: 101624
Ion Ratio Lower Upper
50 100
52 32.4 25.7 38.5



#4
Vinyl Chloride
Concen: 129.682 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion: 62 Resp: 108529
Ion Ratio Lower Upper
62 100
64 31.4 25.5 38.3

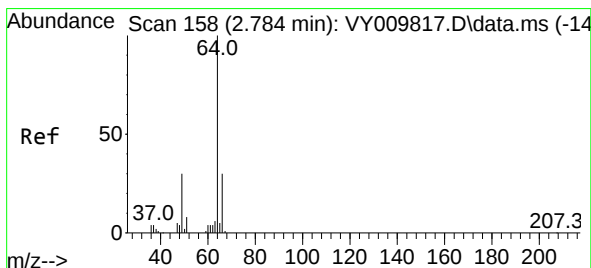
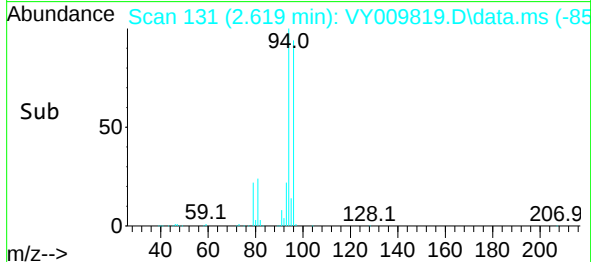
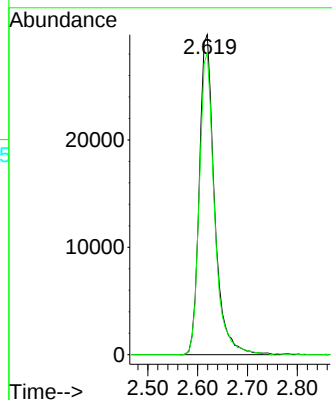
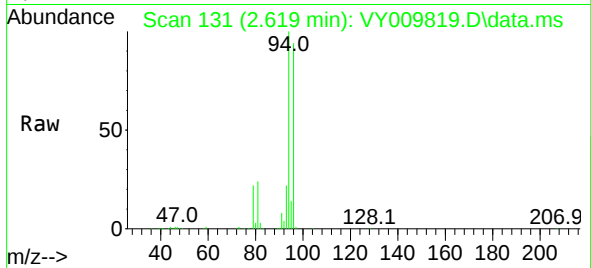




#5
Bromomethane
Concen: 111.111 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

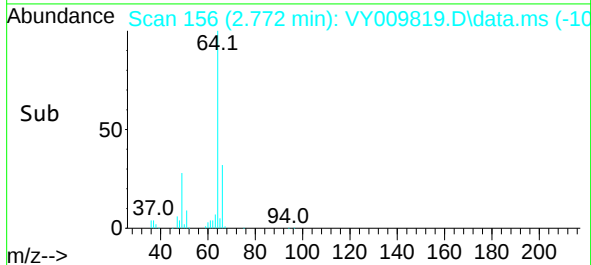
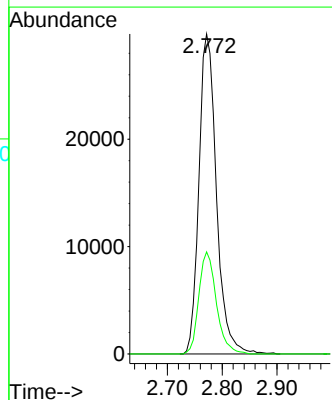
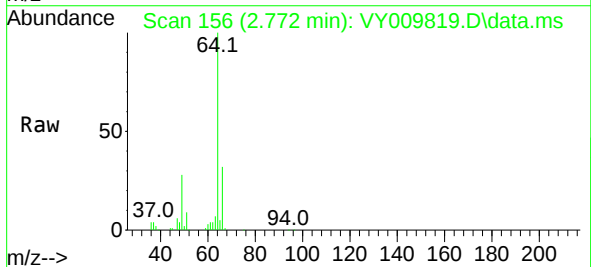
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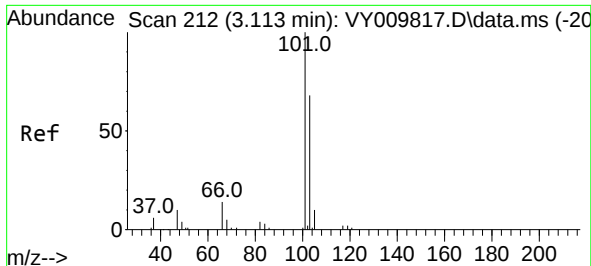
Tgt Ion: 94 Resp: 63010
Ion Ratio Lower Upper
94 100
96 94.3 77.2 115.8



#6
Chloroethane
Concen: 121.573 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

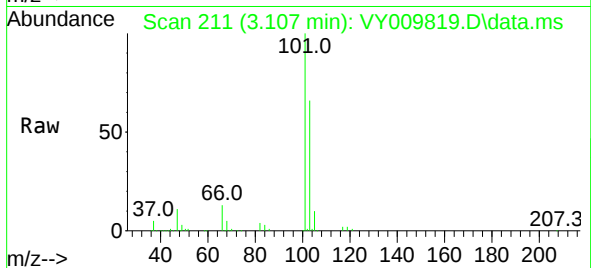
Tgt Ion: 64 Resp: 66192
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6



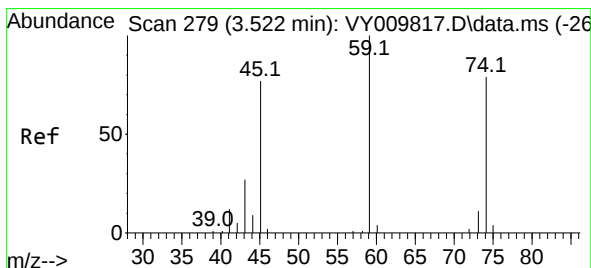
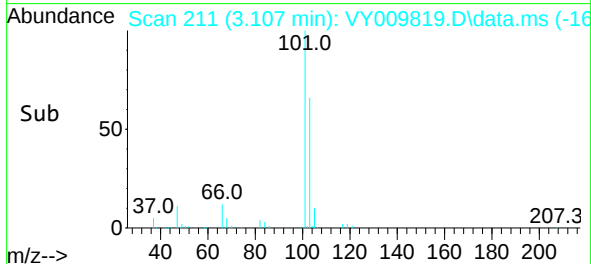
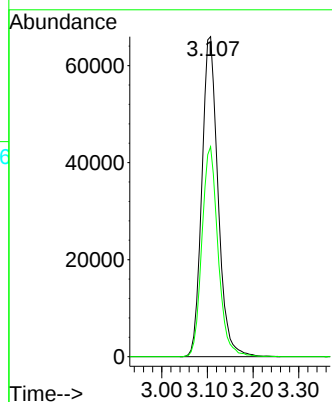


#7
Trichlorofluoromethane
Concen: 144.958 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY009819.D
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Instrument :
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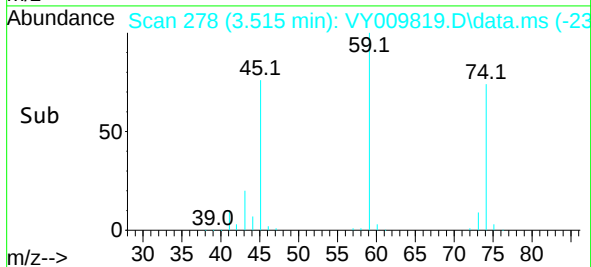
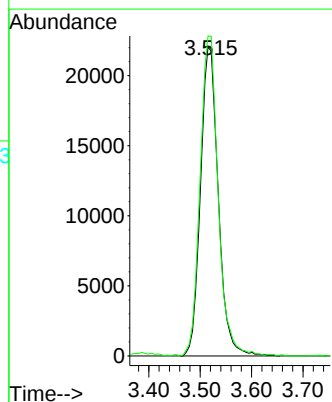
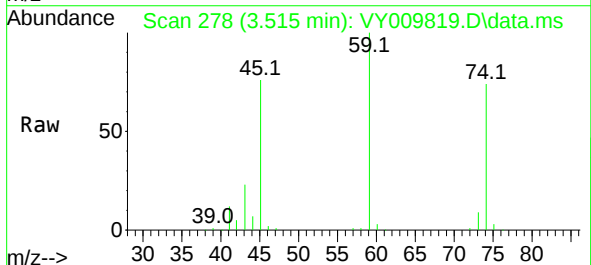


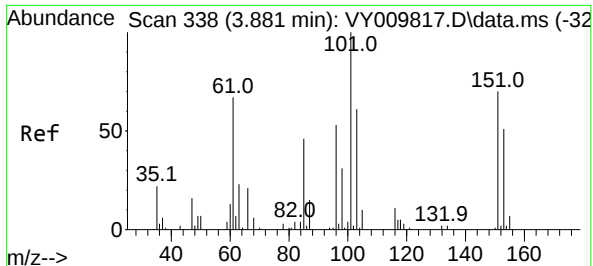
Tgt Ion:101 Resp: 161733
Ion Ratio Lower Upper
101 100
103 65.6 54.4 81.6



#8
Diethyl Ether
Concen: 157.656 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.006 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion: 74 Resp: 52922
Ion Ratio Lower Upper
74 100
45 105.7 52.1 156.3

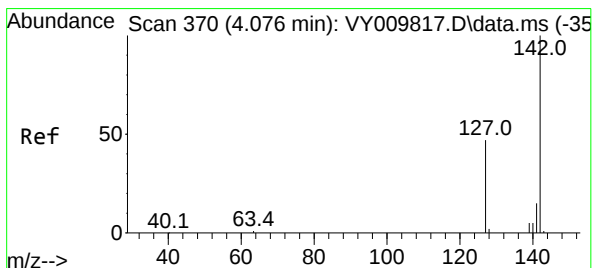
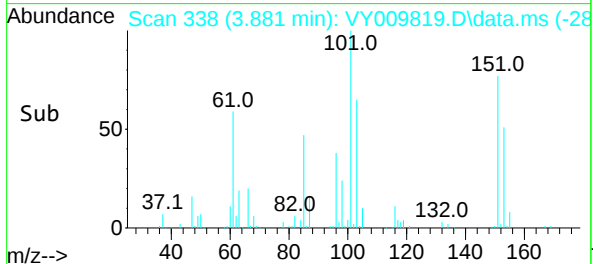
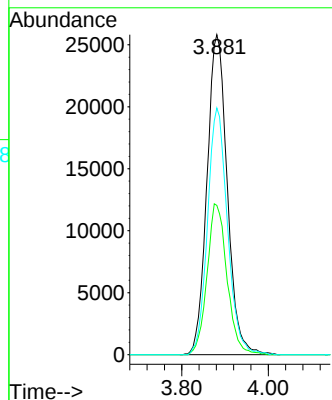
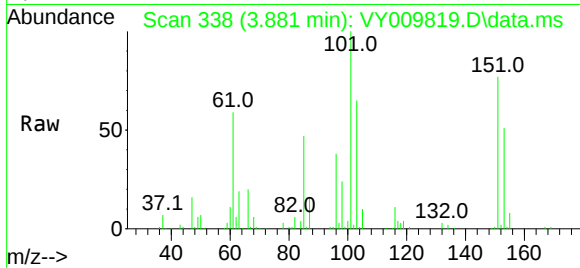




#9
1,1,2-Trichlorotrifluoroethane
Concen: 137.577 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY009819.D
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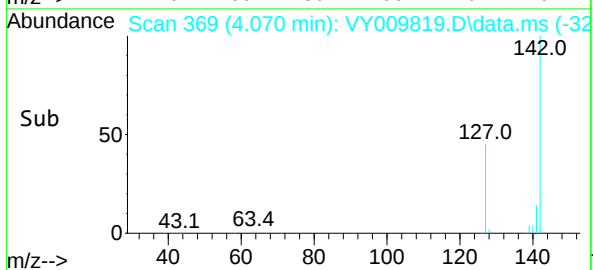
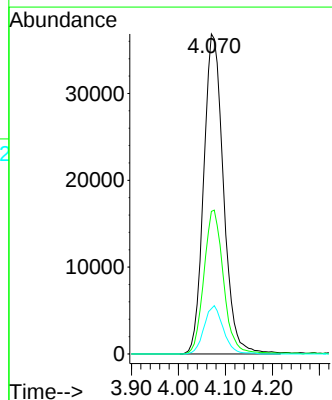
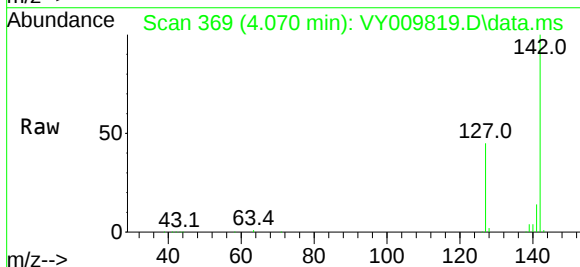
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

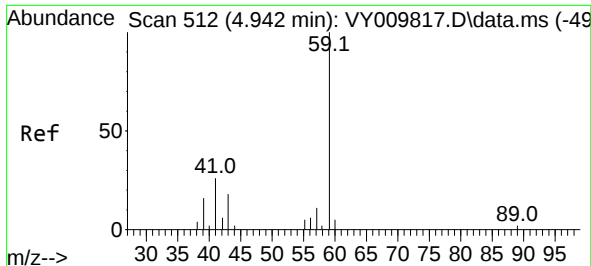
Tgt Ion:101 Resp: 83970
Ion Ratio Lower Upper
101 100
85 46.4 36.1 54.1
151 76.0 62.1 93.1



#10
Methyl Iodide
Concen: 166.575 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.006 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion:142 Resp: 107636
Ion Ratio Lower Upper
142 100
127 44.6 36.0 54.0
141 14.7 12.0 18.0

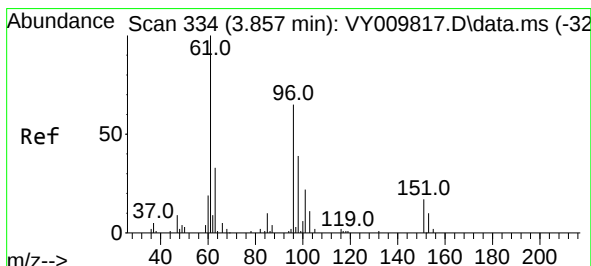
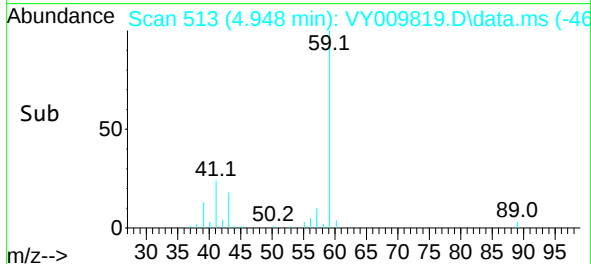
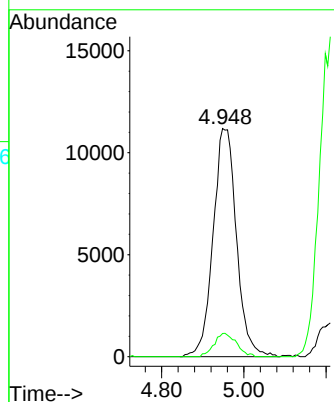
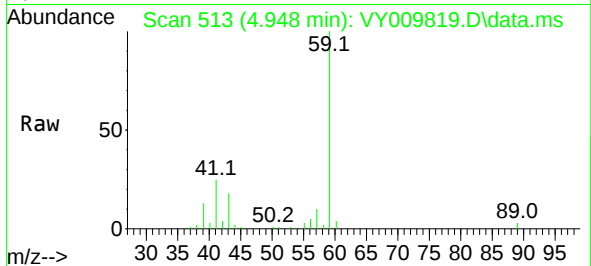




#11
Tert butyl alcohol
Concen: 768.876 ug/l
RT: 4.948 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

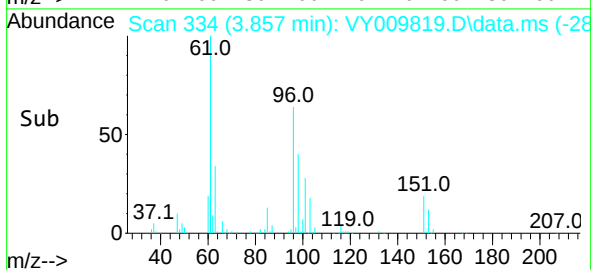
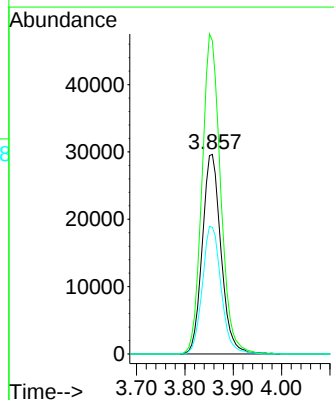
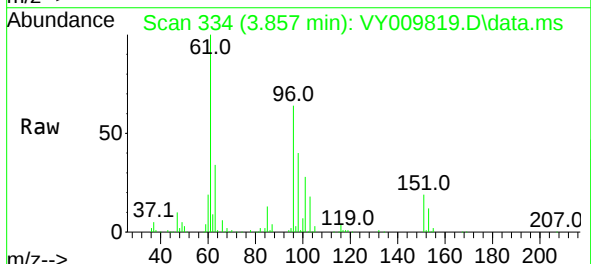
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

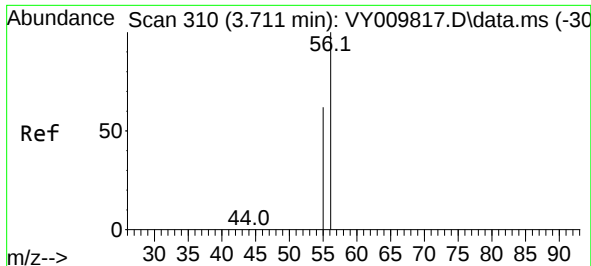
Tgt Ion: 59 Resp: 44066
Ion Ratio Lower Upper
59 100
57 9.8 6.2 9.2#



#12
1,1-Dichloroethene
Concen: 142.750 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion: 96 Resp: 79588
Ion Ratio Lower Upper
96 100
61 156.9 123.9 185.9
98 63.4 48.2 72.4

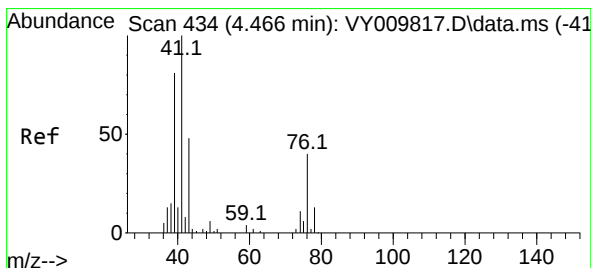
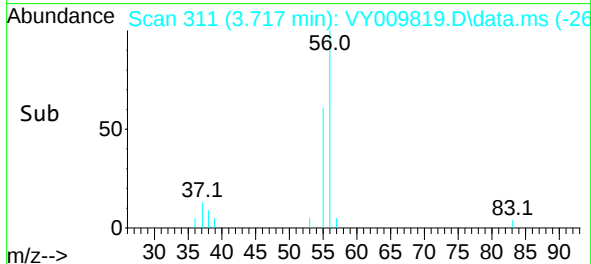
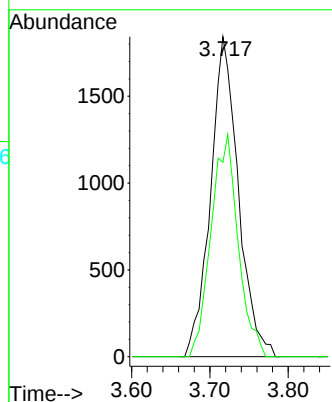
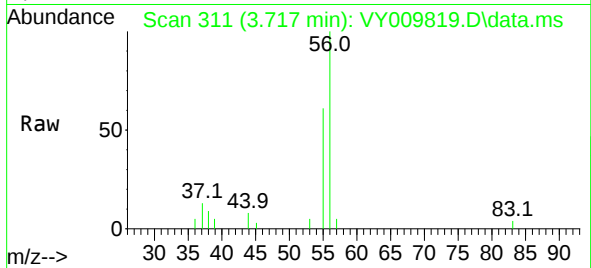




#13
Acrolein
Concen: 588.226 ug/l
RT: 3.717 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

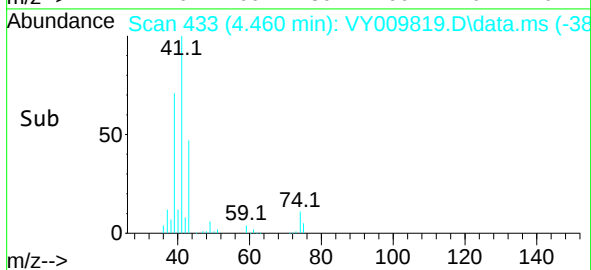
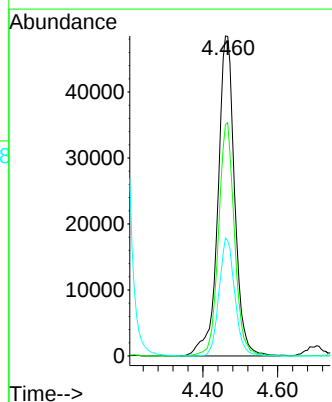
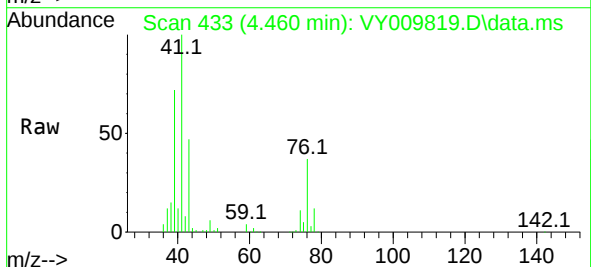
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

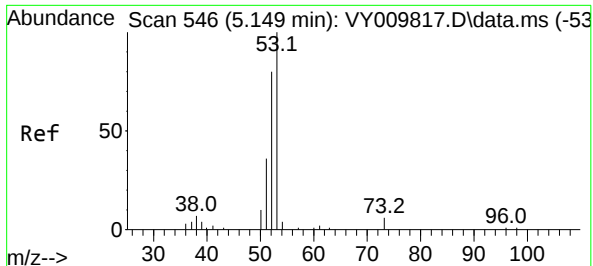
Tgt Ion: 56 Resp: 4548
Ion Ratio Lower Upper
56 100
55 67.5 56.5 84.7



#14
Allyl chloride
Concen: 161.657 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion: 41 Resp: 151238
Ion Ratio Lower Upper
41 100
39 69.4 58.1 87.1
76 34.4 28.9 43.3

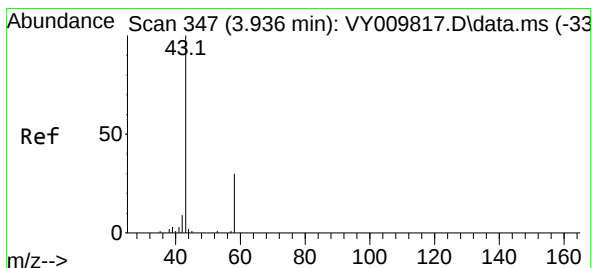
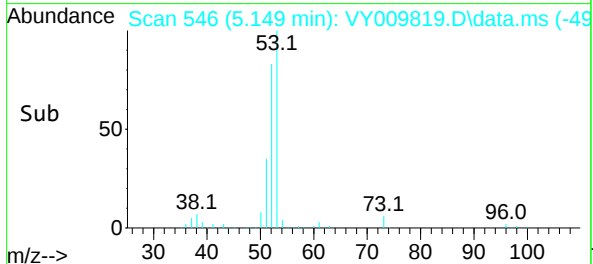
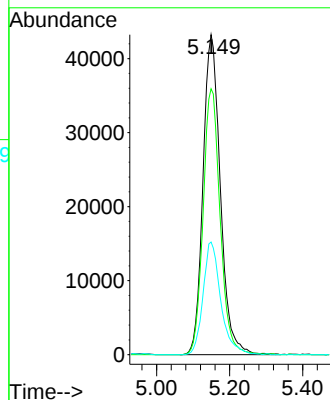
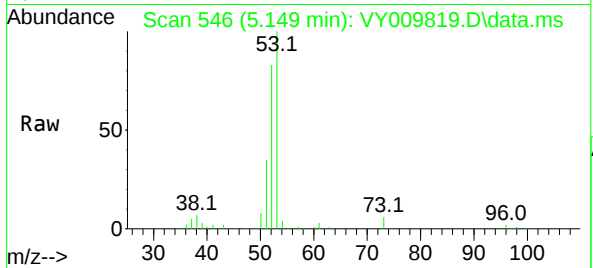




#15
Acrylonitrile
Concen: 800.133 ug/l
RT: 5.149 min Scan# 546
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

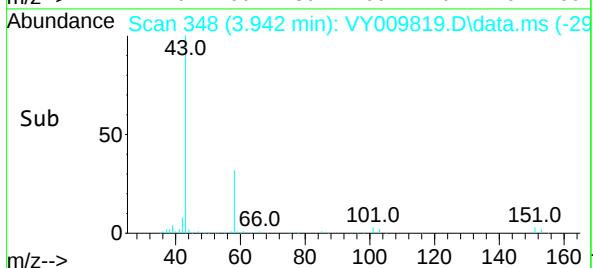
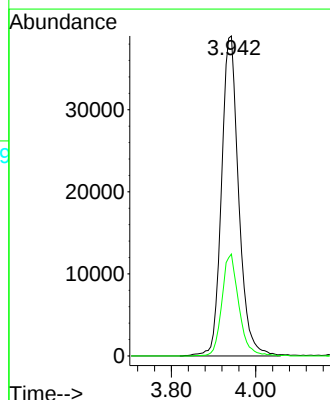
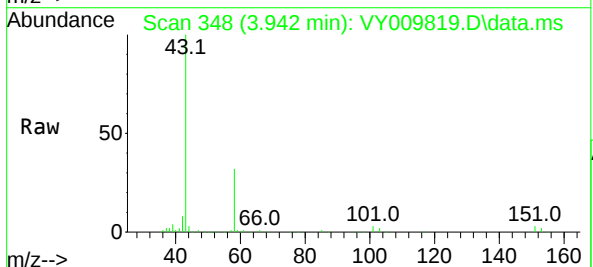
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

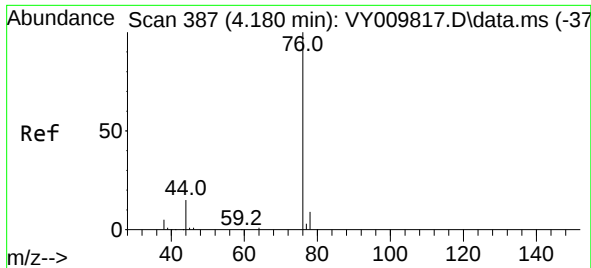
Tgt Ion: 53 Resp: 142585
Ion Ratio Lower Upper
53 100
52 81.5 64.5 96.7
51 36.0 28.2 42.2



#16
Acetone
Concen: 702.316 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion: 43 Resp: 109761
Ion Ratio Lower Upper
43 100
58 31.9 24.1 36.1

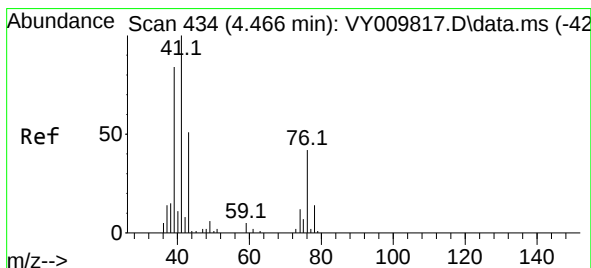
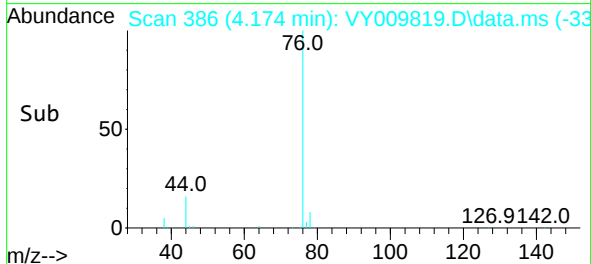
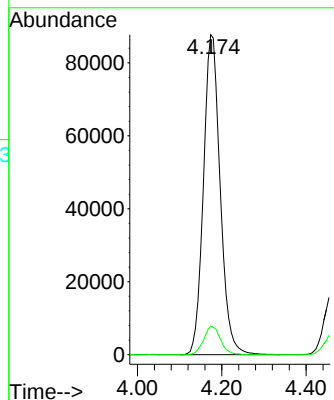
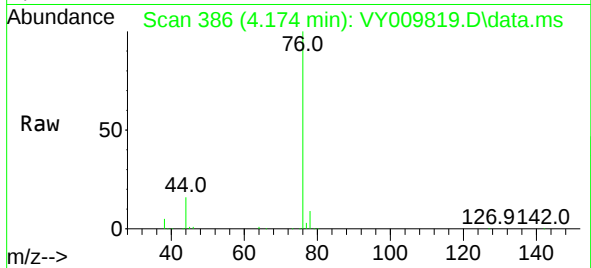




#17
Carbon Disulfide
Concen: 139.561 ug/l
RT: 4.174 min Scan# 386
Delta R.T. -0.006 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

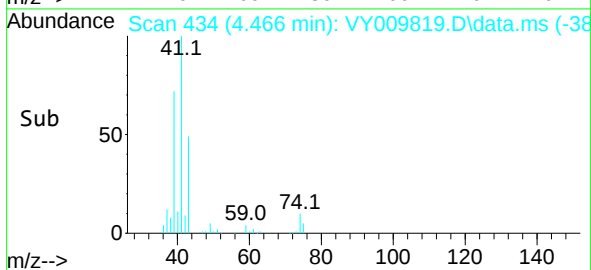
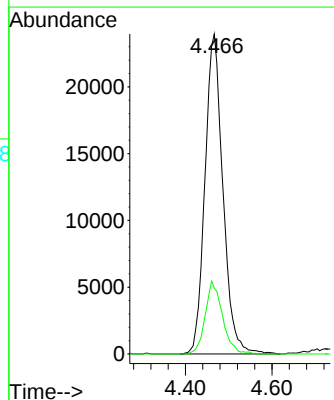
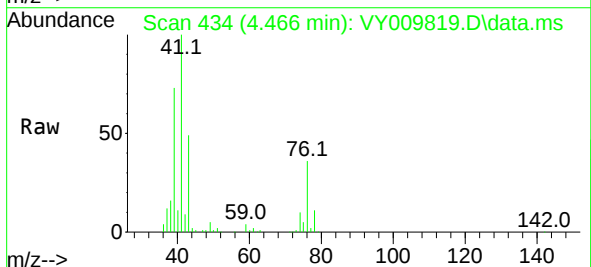
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

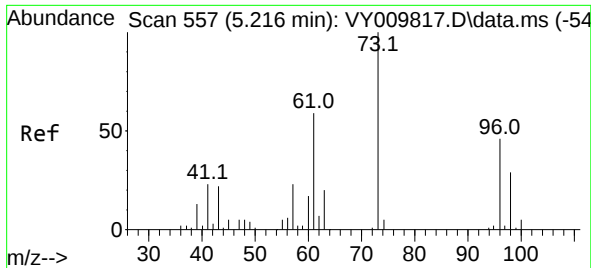
Tgt Ion: 76 Resp: 242538
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 148.011 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion: 43 Resp: 69012
Ion Ratio Lower Upper
43 100
74 21.8 18.6 27.8

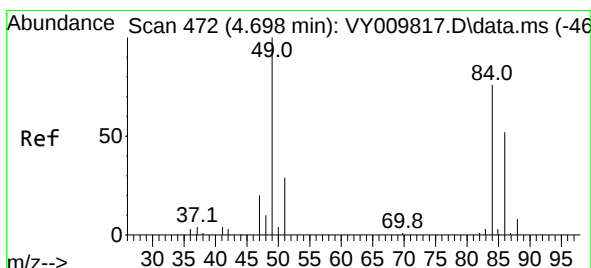
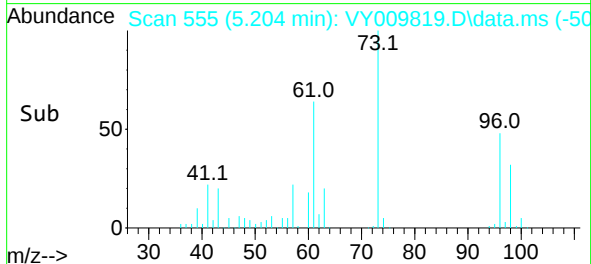
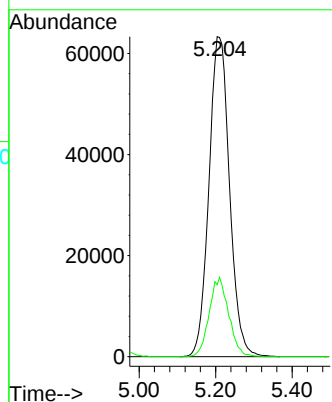
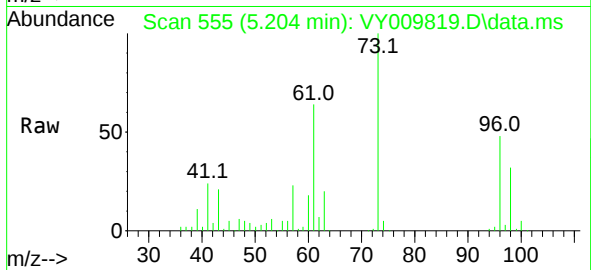




#19
Methyl tert-butyl Ether
Concen: 165.638 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

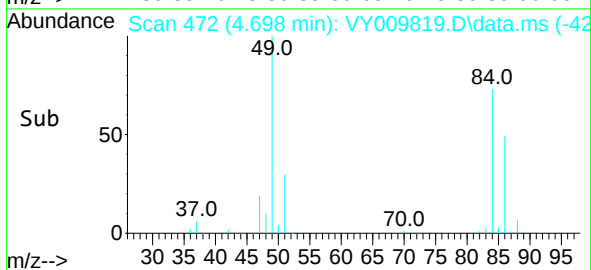
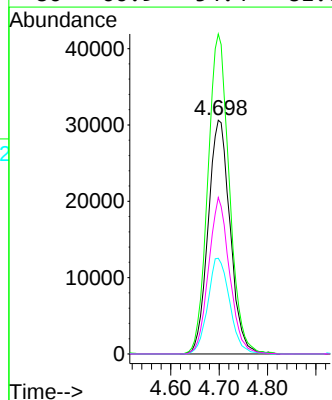
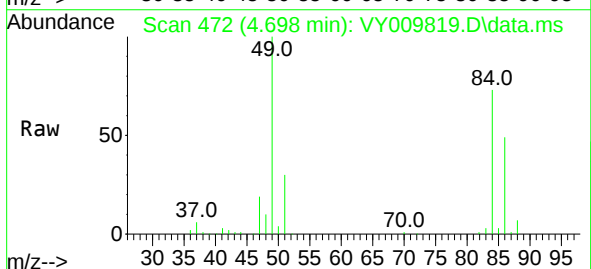
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

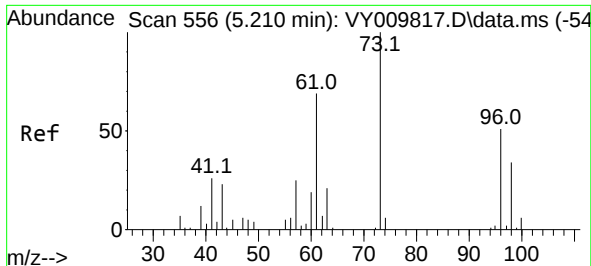
Tgt Ion: 73 Resp: 236902
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5



#20
Methylene Chloride
Concen: 99.420 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion: 84 Resp: 96658
Ion Ratio Lower Upper
84 100
49 136.9 104.6 156.8
51 41.0 30.9 46.3
86 66.9 54.4 81.6





#21

trans-1,2-Dichloroethene

Concen: 146.616 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

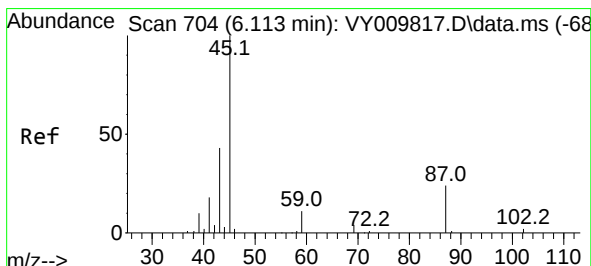
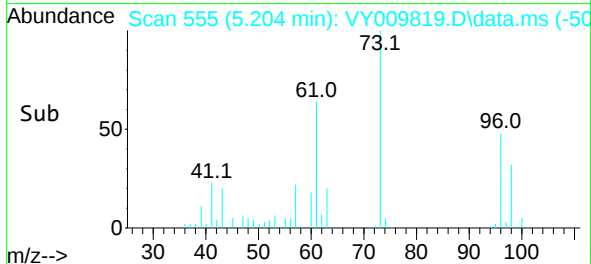
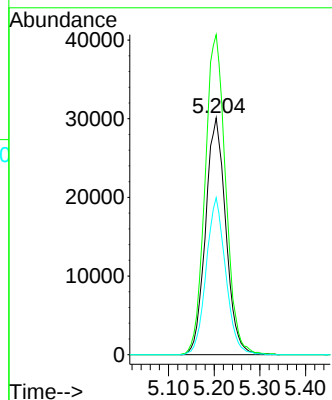
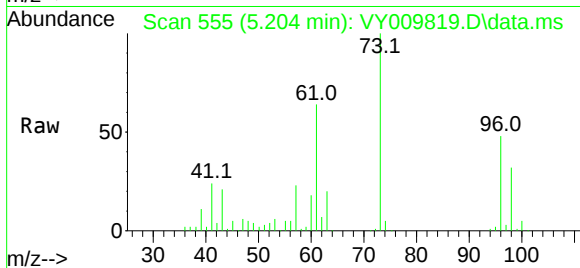
Tgt Ion: 96 Resp: 92935

Ion Ratio Lower Upper

96 100

61 135.1 107.8 161.8

98 66.3 53.1 79.7



#22

Diisopropyl ether

Concen: 167.457 ug/l

RT: 6.106 min Scan# 703

Delta R.T. -0.006 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Tgt Ion: 45 Resp: 346879

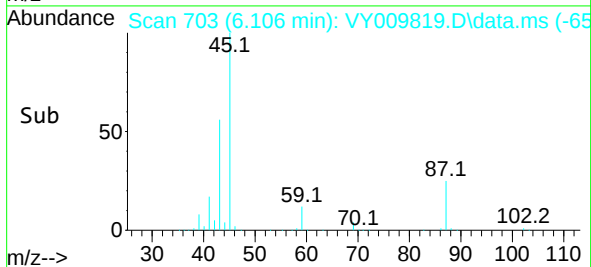
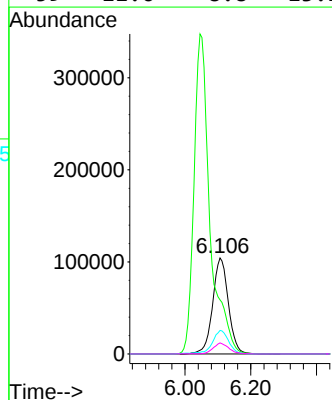
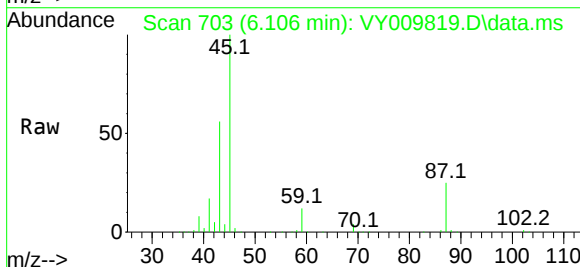
Ion Ratio Lower Upper

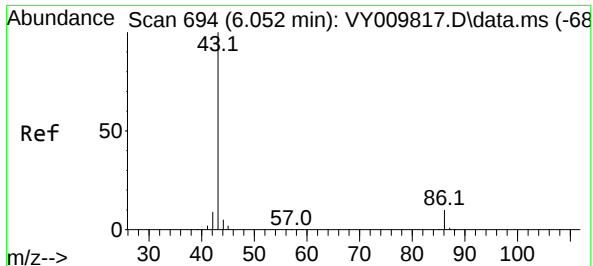
45 100

43 56.2 44.1 66.1

87 24.5 19.8 29.8

59 11.6 8.8 13.2

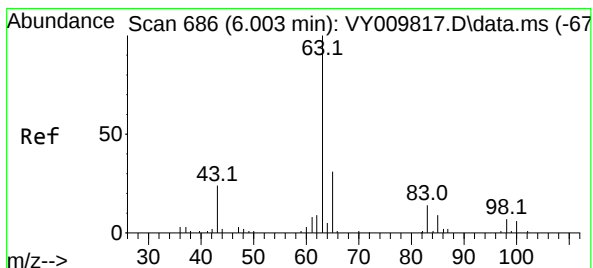
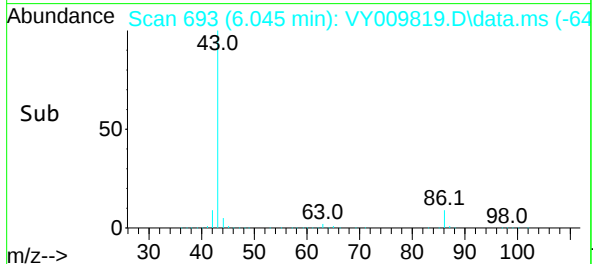
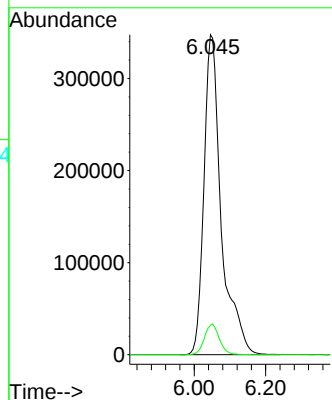
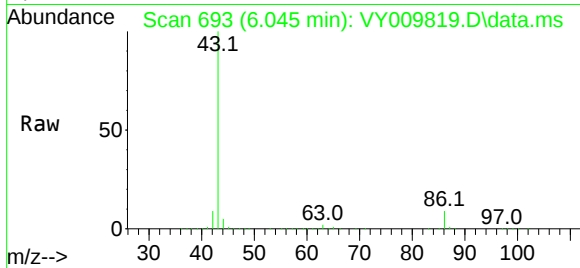




#23
 Vinyl Acetate
 Concen: 882.790 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY009819.D
 Acq: 03 Aug 2022 14:24

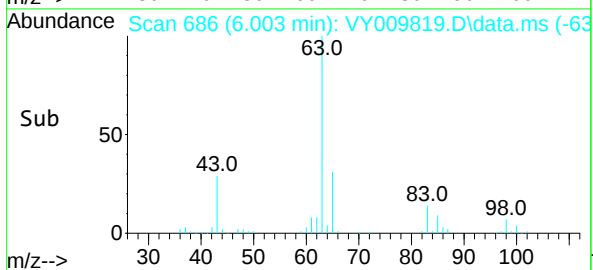
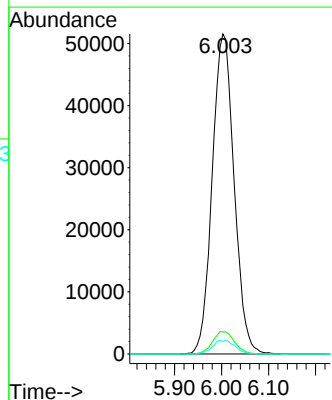
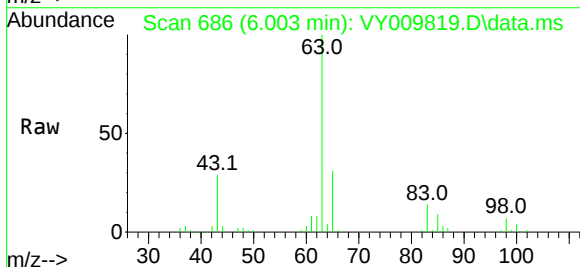
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

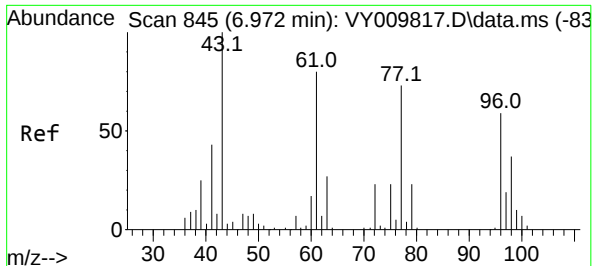
Tgt Ion: 43 Resp: 1167074
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 148.700 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY009819.D
 Acq: 03 Aug 2022 14:24

Tgt Ion: 63 Resp: 166714
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 3.9 2.9 8.6





#25

2-Butanone

Concen: 786.000 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

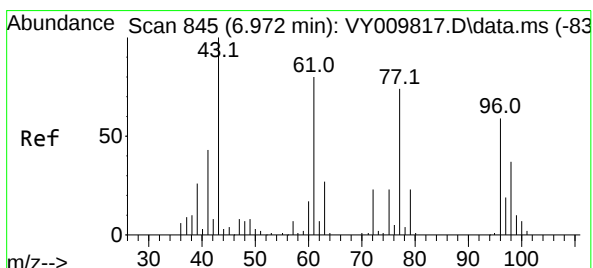
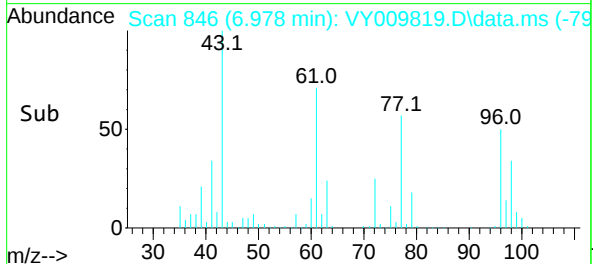
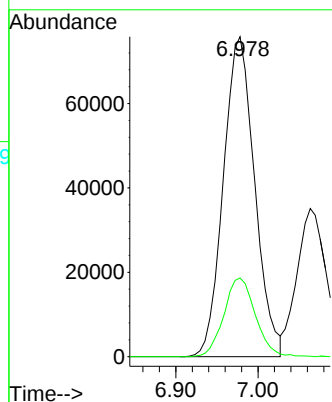
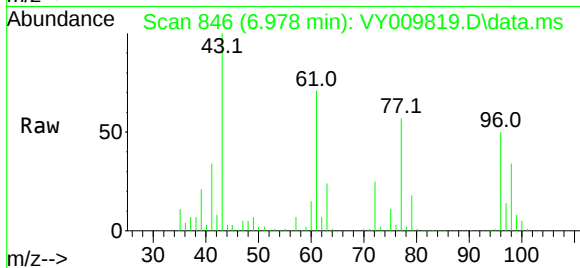
VSTDIC150

Tgt Ion: 43 Resp: 200930

Ion Ratio Lower Upper

43 100

72 24.6 18.2 27.4



#26

2,2-Dichloropropane

Concen: 138.069 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009819.D

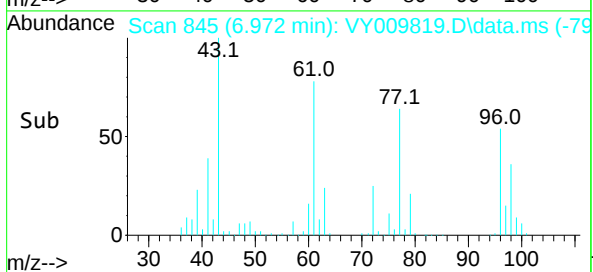
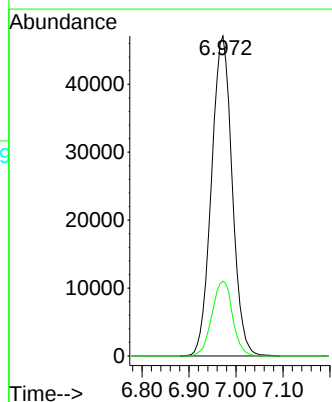
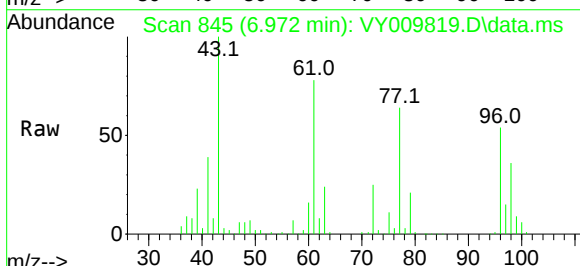
Acq: 03 Aug 2022 14:24

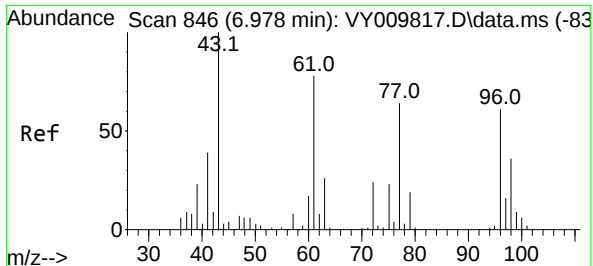
Tgt Ion: 77 Resp: 143892

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 151.028 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

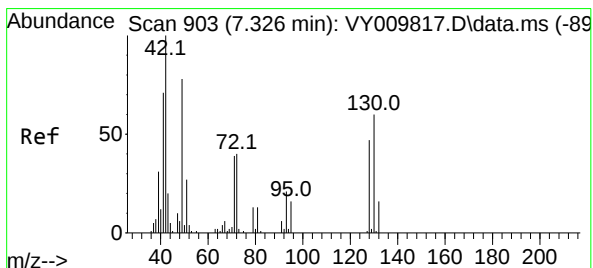
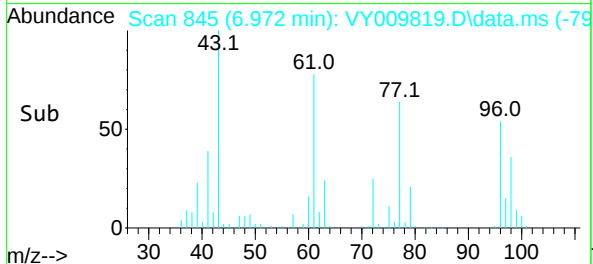
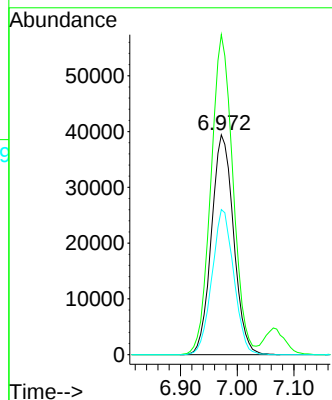
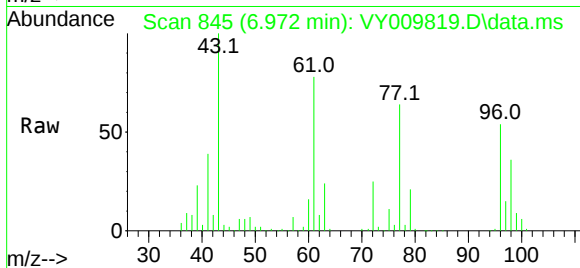
Tgt Ion: 96 Resp: 106913

Ion Ratio Lower Upper

96 100

61 145.0 0.0 279.8

98 65.0 0.0 126.8



#28

Bromochloromethane

Concen: 152.373 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

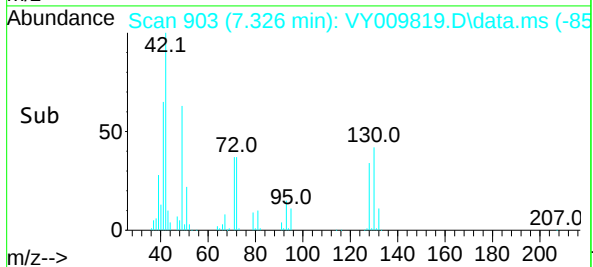
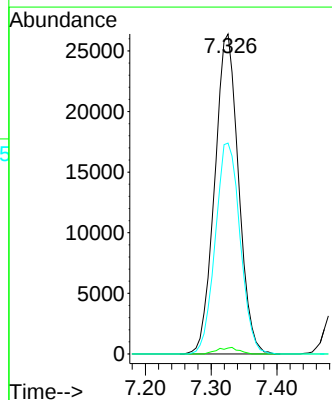
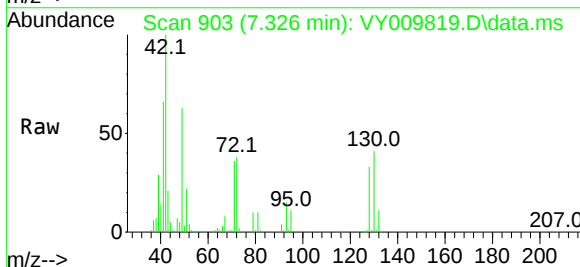
Tgt Ion: 49 Resp: 66601

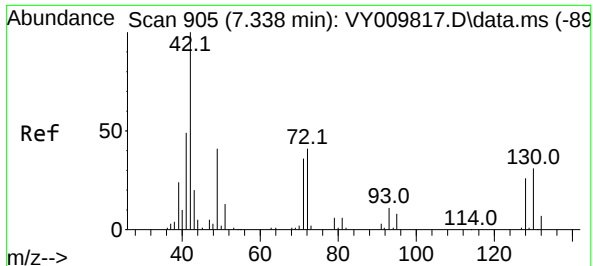
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 68.6 58.0 87.0





#29

Tetrahydrofuran

Concen: 861.652 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

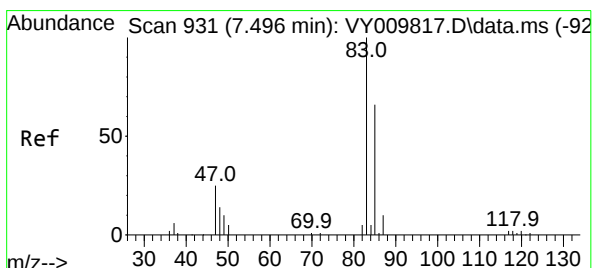
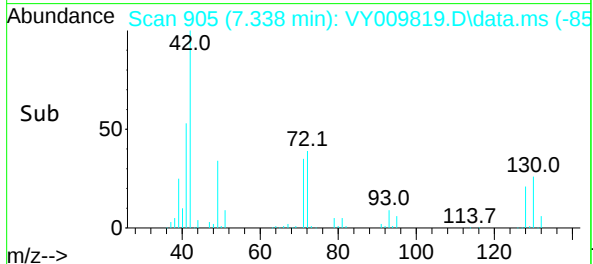
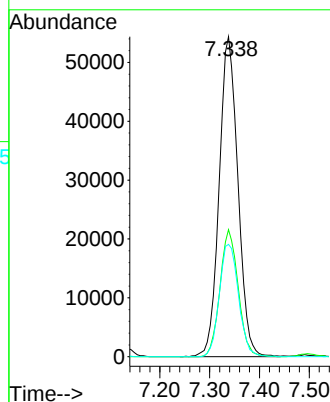
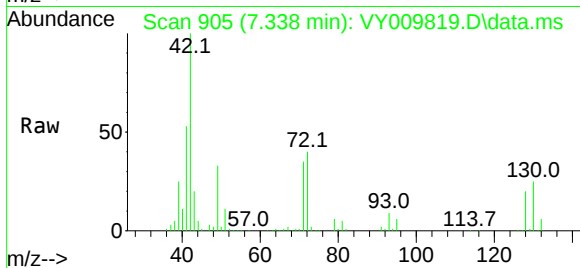
Tgt Ion: 42 Resp: 141868

Ion Ratio Lower Upper

42 100

72 38.5 32.4 48.6

71 36.0 29.9 44.9



#30

Chloroform

Concen: 144.675 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY009819.D

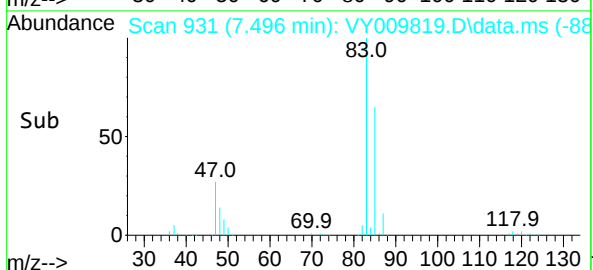
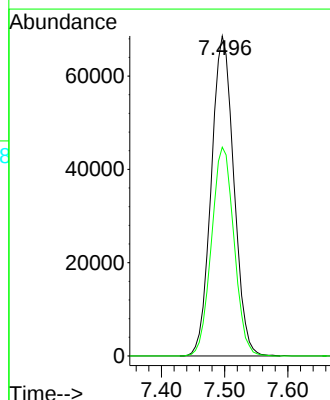
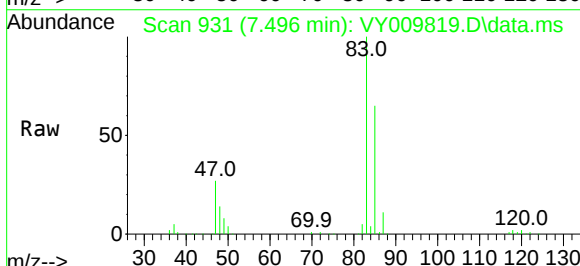
Acq: 03 Aug 2022 14:24

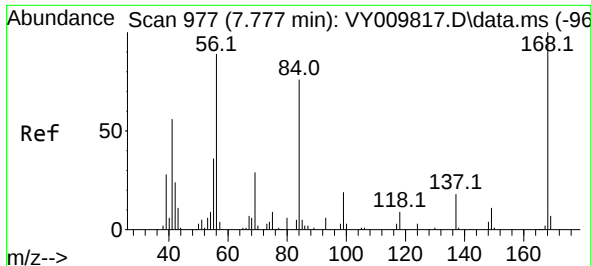
Tgt Ion: 83 Resp: 169731

Ion Ratio Lower Upper

83 100

85 65.2 53.0 79.4

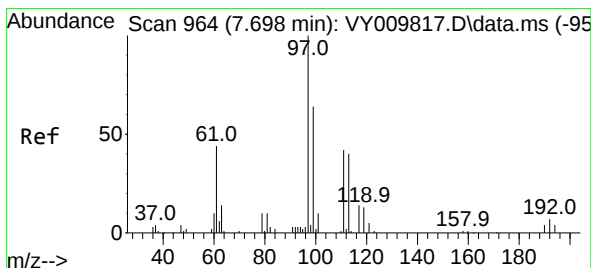
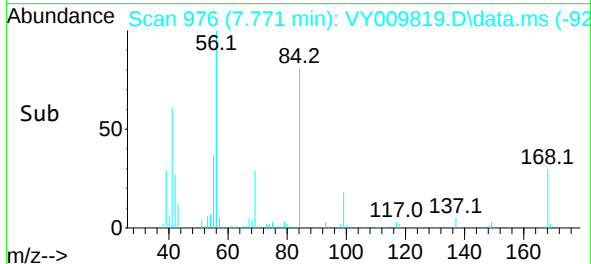
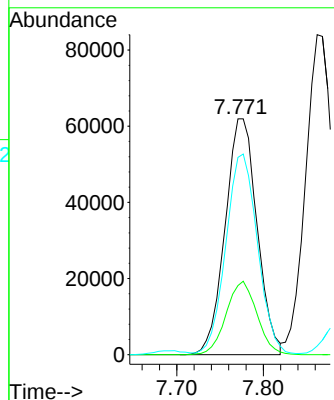
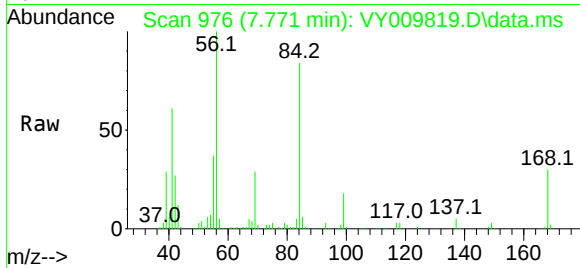




#31
Cyclohexane
Concen: 151.903 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

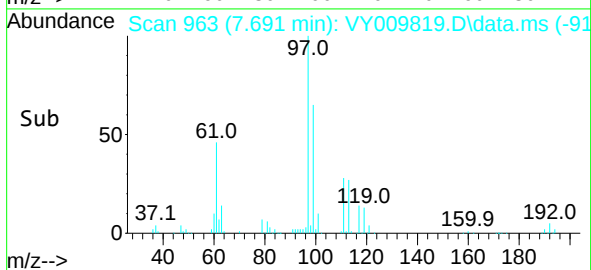
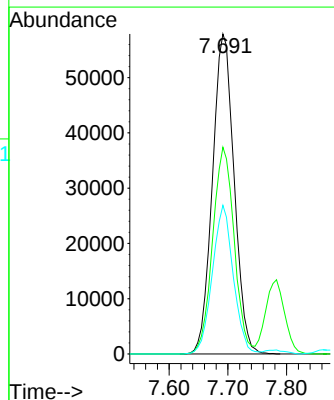
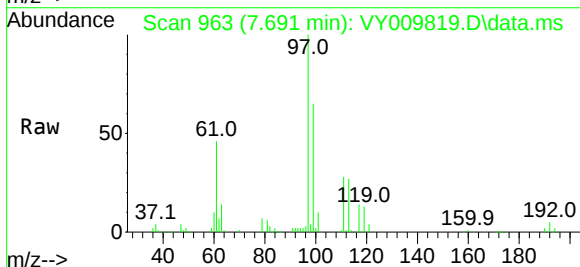
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

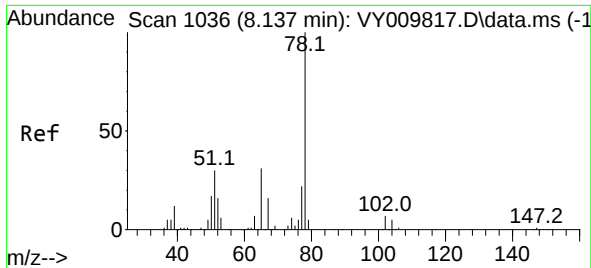
Tgt Ion: 56 Resp: 158686
Ion Ratio Lower Upper
56 100
69 29.3 25.8 38.8
84 82.5 67.9 101.9



#32
1,1,1-Trichloroethane
Concen: 146.108 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion: 97 Resp: 148537
Ion Ratio Lower Upper
97 100
99 64.4 51.9 77.9
61 44.9 37.0 55.6

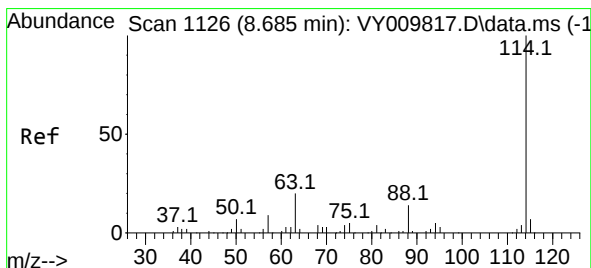
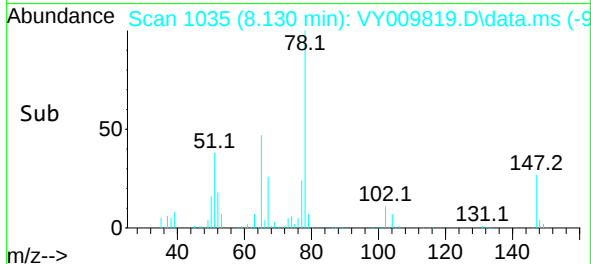
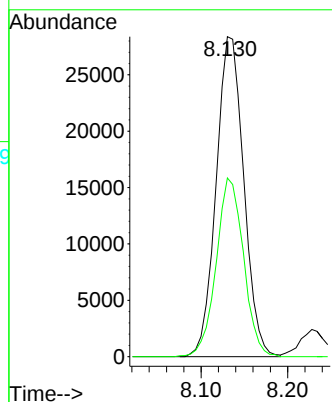
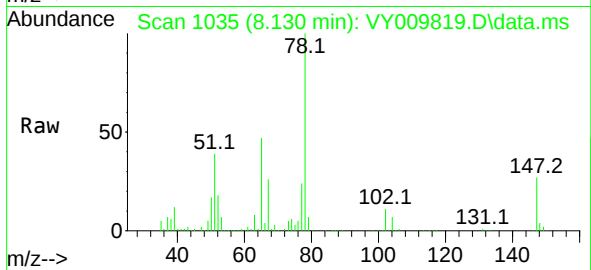




#33
 1,2-Dichloroethane-d4
 Concen: 115.292 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY009819.D
 Acq: 03 Aug 2022 14:24

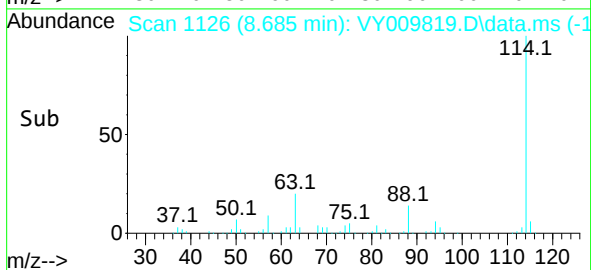
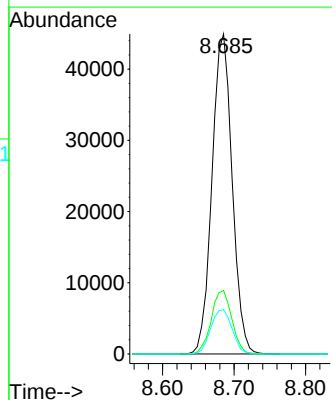
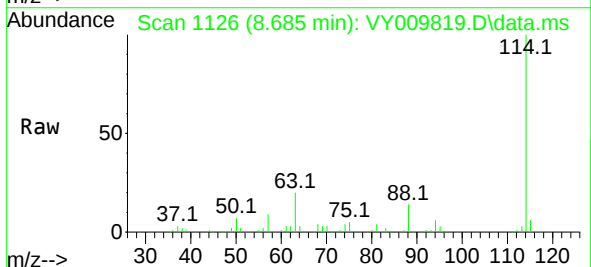
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

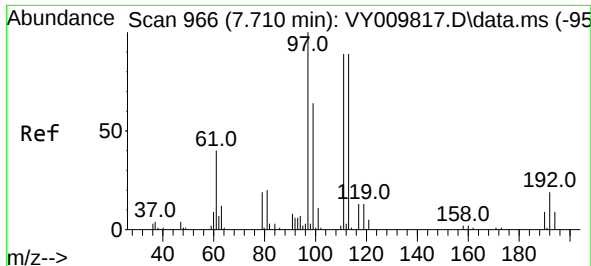
Tgt Ion: 65 Resp: 62885
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY009819.D
 Acq: 03 Aug 2022 14:24

Tgt Ion: 114 Resp: 87965
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.2
 88 13.9 0.0 27.6

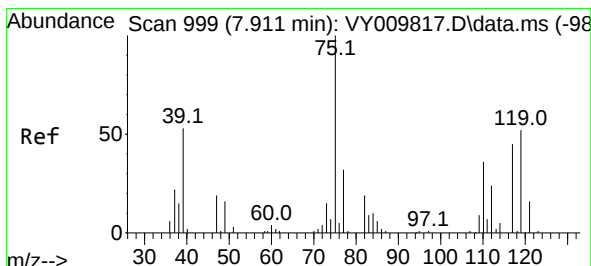
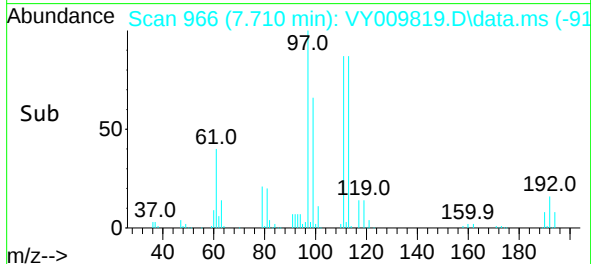
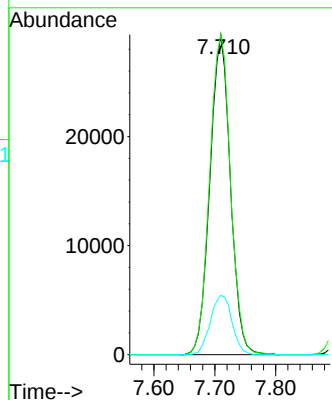
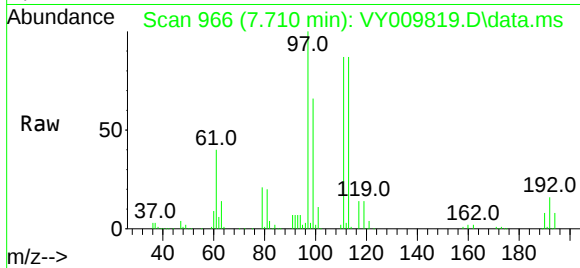




#35
Dibromofluoromethane
Concen: 127.389 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

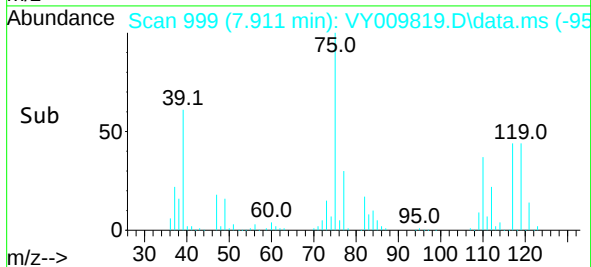
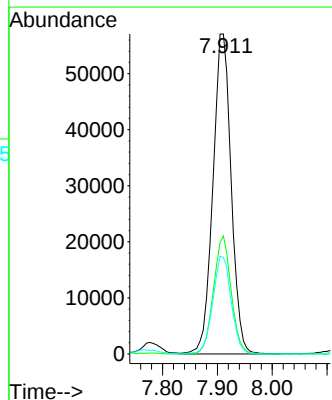
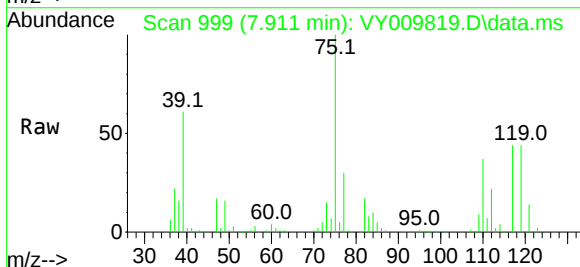
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

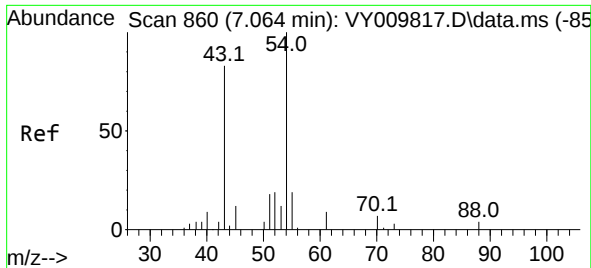
Tgt Ion:113 Resp: 68323
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 19.6 16.5 24.7



#36
1,1-Dichloropropene
Concen: 148.112 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion: 75 Resp: 131789
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.4
77 31.0 24.6 36.8





#37

Ethyl Acetate

Concen: 156.047 ug/l

RT: 7.063 min Scan# 860

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

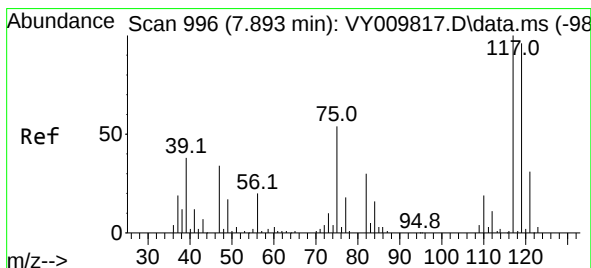
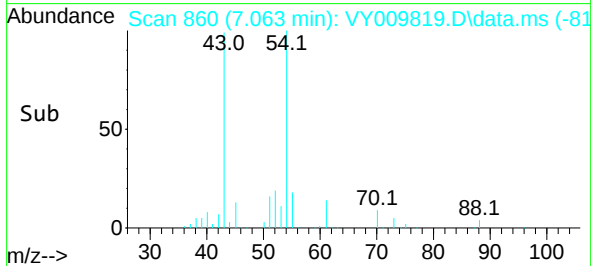
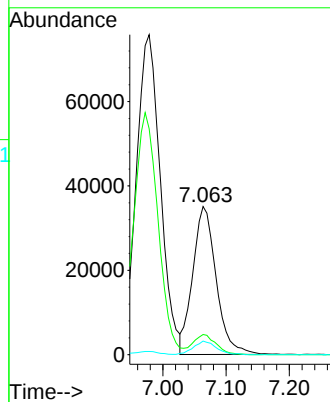
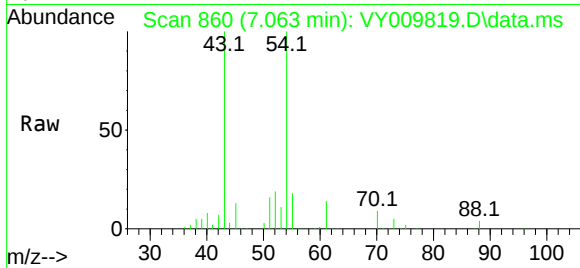
Tgt Ion: 43 Resp: 90439

Ion Ratio Lower Upper

43 100

61 13.3 11.0 16.6

70 8.9 7.0 10.6



#38

Carbon Tetrachloride

Concen: 141.469 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

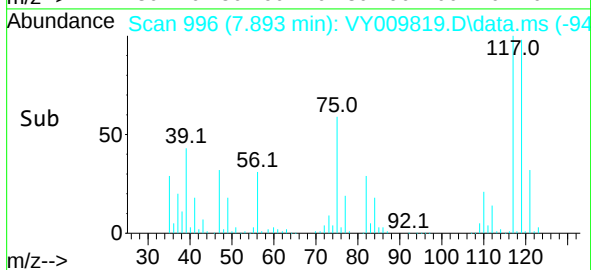
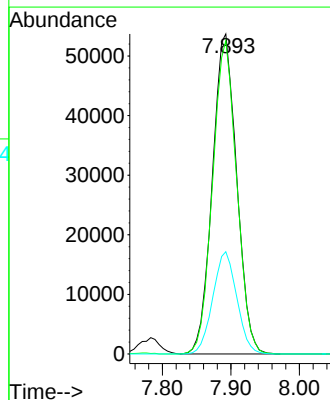
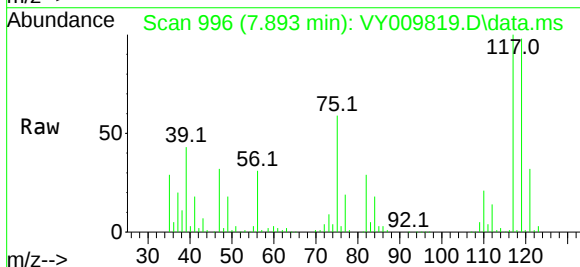
Tgt Ion: 117 Resp: 132388

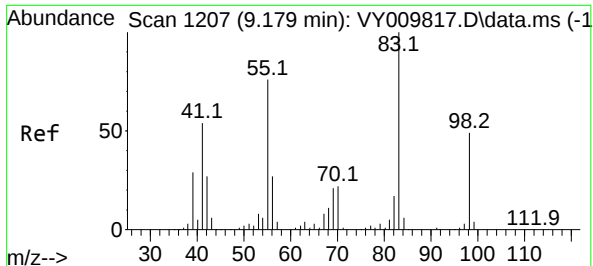
Ion Ratio Lower Upper

117 100

119 97.9 76.8 115.2

121 31.9 24.9 37.3





#39

Methylcyclohexane

Concen: 157.437 ug/l

RT: 9.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

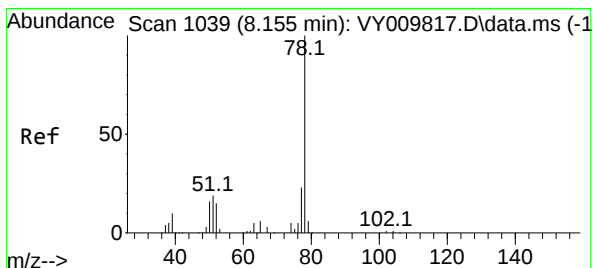
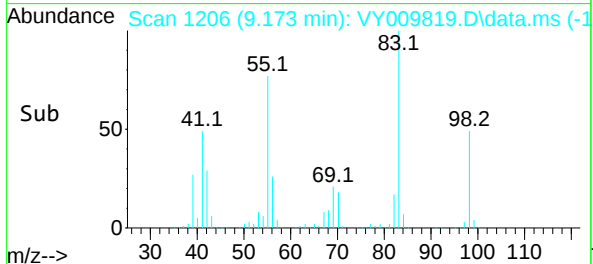
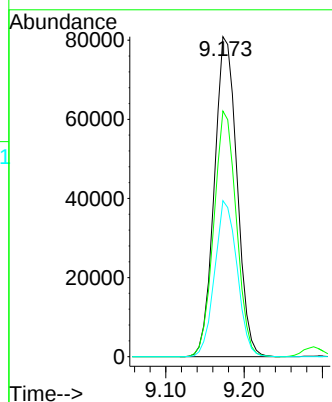
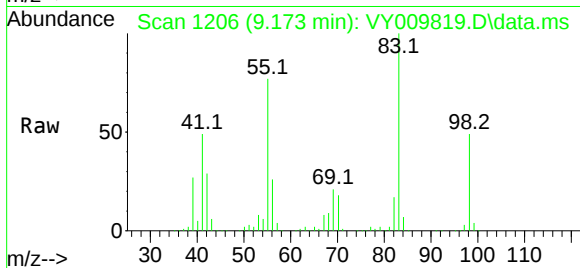
Tgt Ion: 83 Resp: 162524

Ion Ratio Lower Upper

83 100

55 76.8 61.1 91.7

98 48.7 39.0 58.4



#40

Benzene

Concen: 146.118 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY009819.D

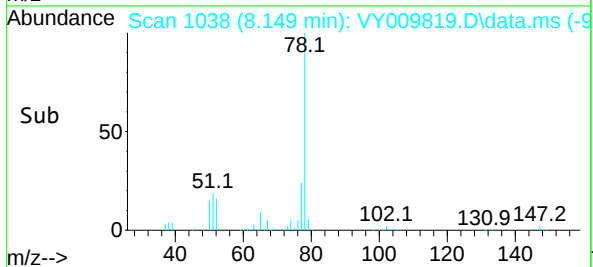
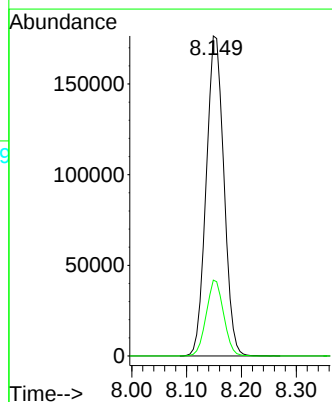
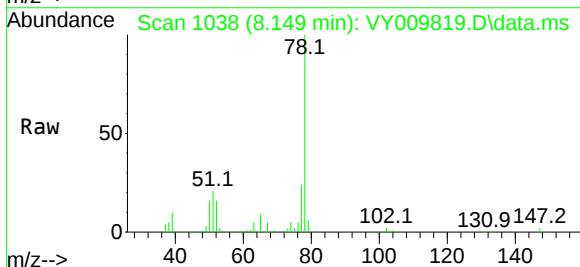
Acq: 03 Aug 2022 14:24

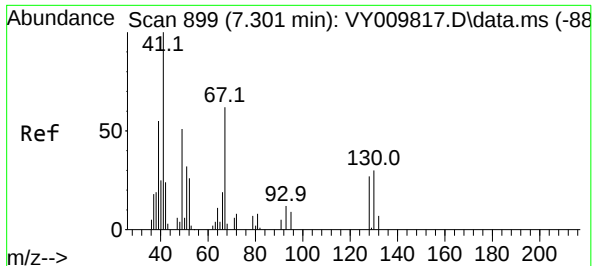
Tgt Ion: 78 Resp: 394395

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2

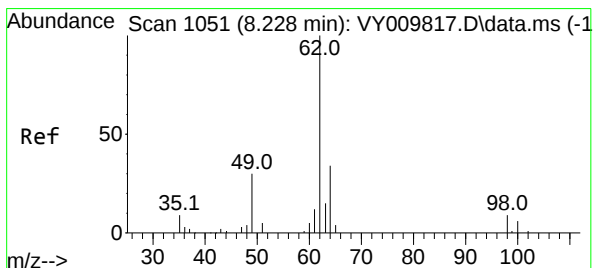
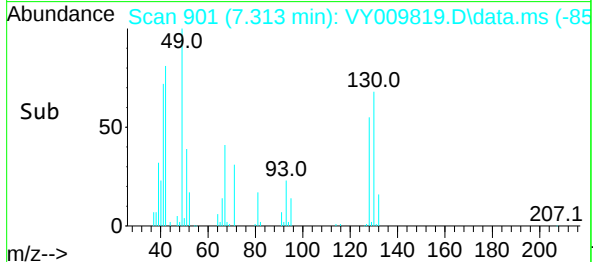
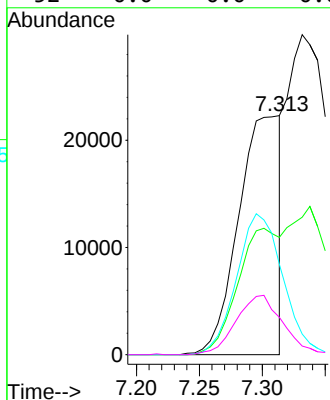
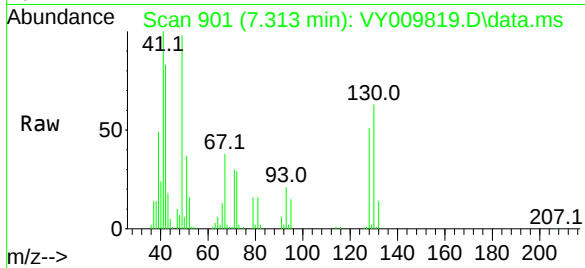




#41
Methacrylonitrile
Concen: 89.066 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.012 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

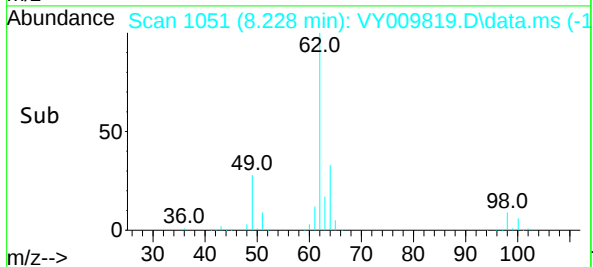
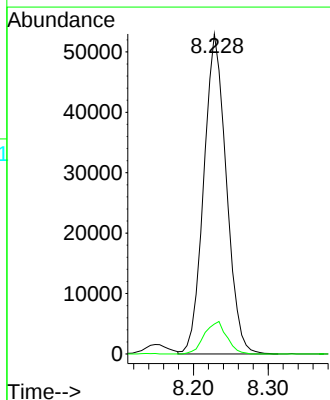
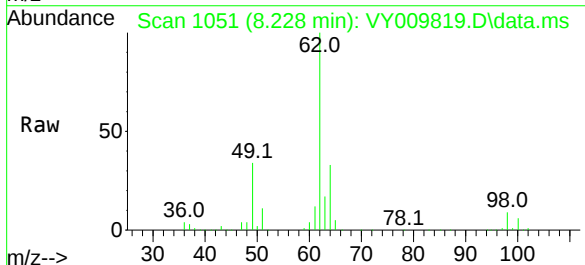
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

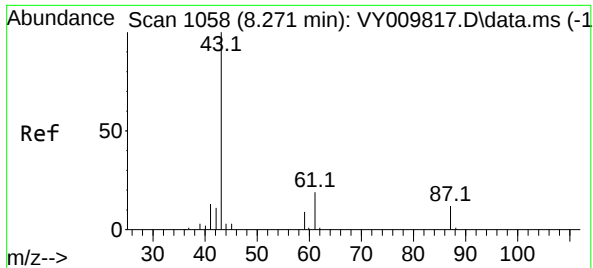
Tgt Ion: 41 Resp: 51866
Ion Ratio Lower Upper
41 100
39 0.0 61.5 92.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 143.042 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion: 62 Resp: 110861
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.0

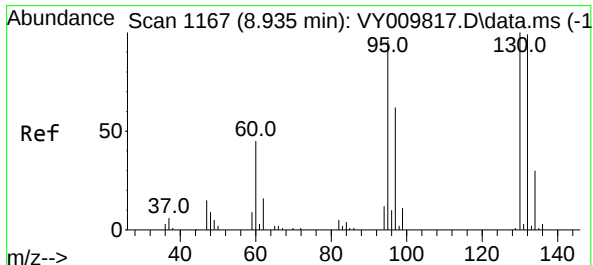
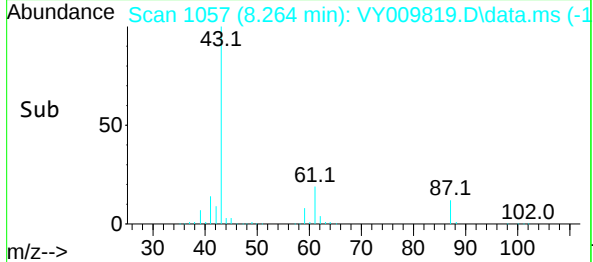
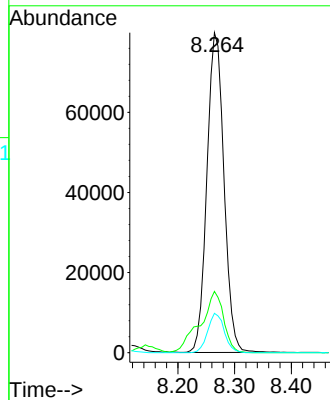
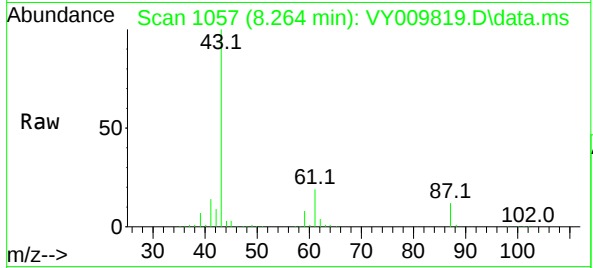




#43
Isopropyl Acetate
Concen: 165.019 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

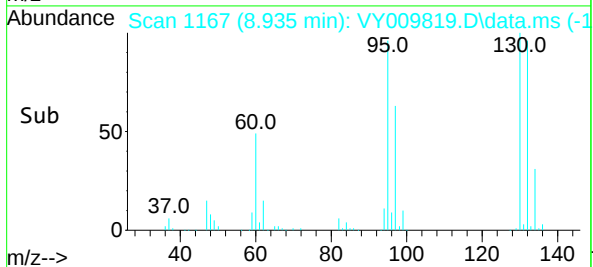
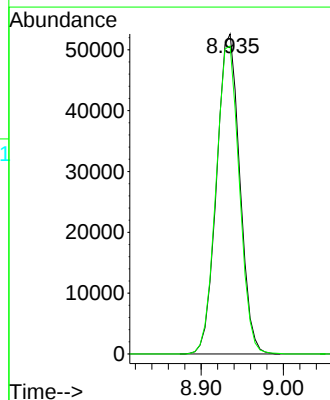
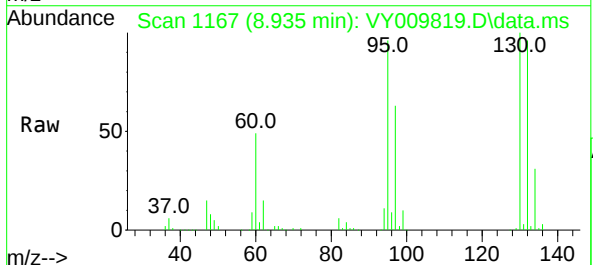
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

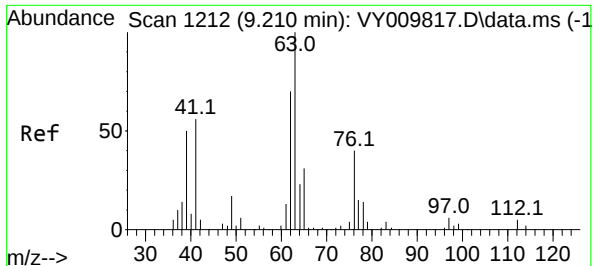
Tgt Ion: 43 Resp: 166639
Ion Ratio Lower Upper
43 100
61 26.4 21.4 32.0
87 12.0 9.2 13.8



#44
Trichloroethene
Concen: 142.968 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion:130 Resp: 102841
Ion Ratio Lower Upper
130 100
95 96.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 150.312 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

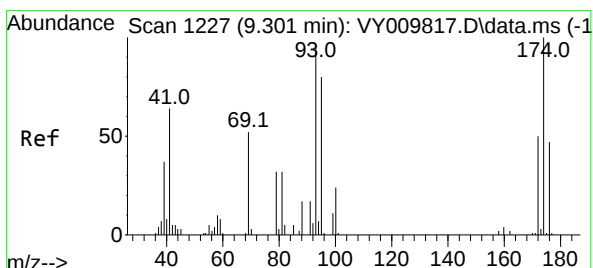
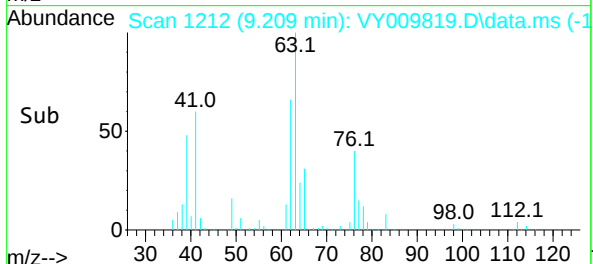
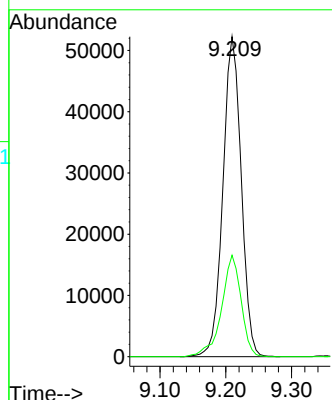
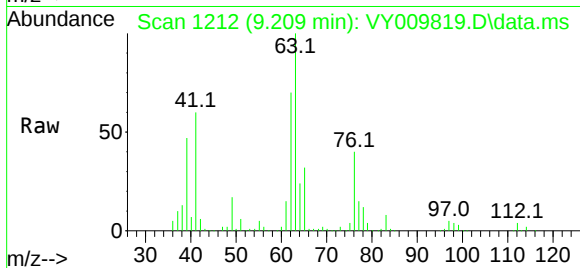
VSTDIC150

Tgt Ion: 63 Resp: 101387

Ion Ratio Lower Upper

63 100

65 31.7 25.1 37.7



#46

Dibromomethane

Concen: 139.367 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

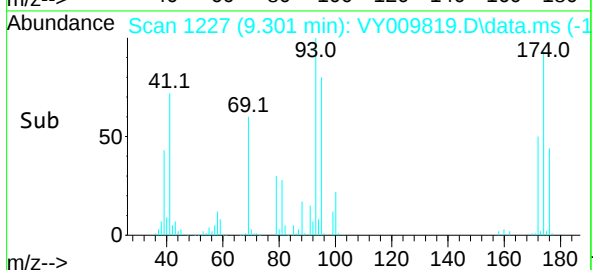
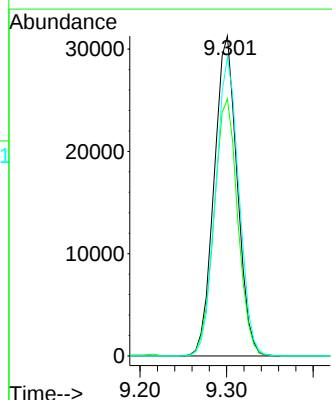
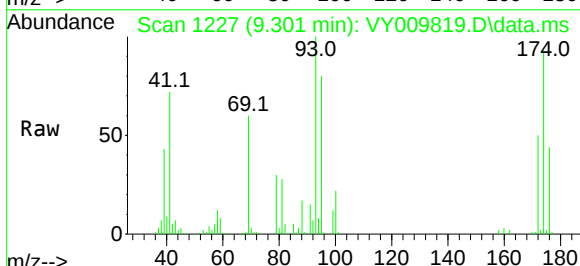
Tgt Ion: 93 Resp: 57949

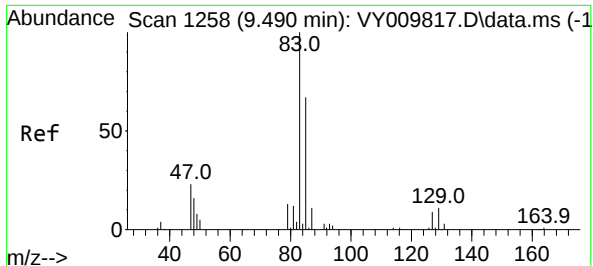
Ion Ratio Lower Upper

93 100

95 82.3 65.8 98.6

174 94.4 77.8 116.6





#47

Bromodichloromethane

Concen: 139.051 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

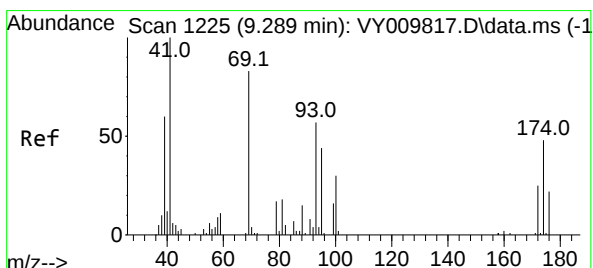
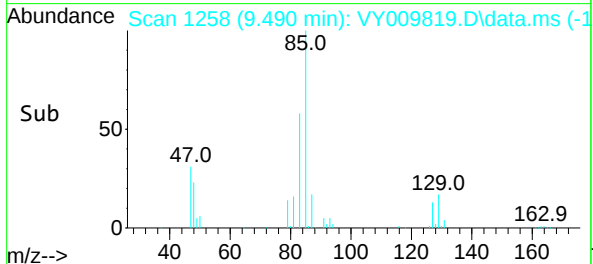
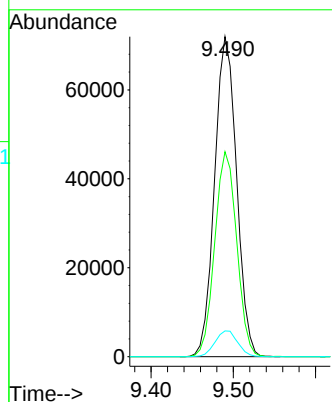
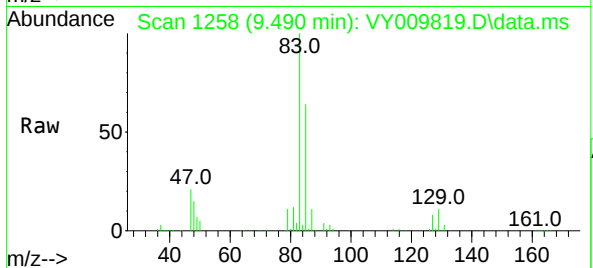
Tgt Ion: 83 Resp: 133615

Ion Ratio Lower Upper

83 100

85 64.1 54.0 81.0

127 8.1 6.8 10.2



#48

Methyl methacrylate

Concen: 169.732 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

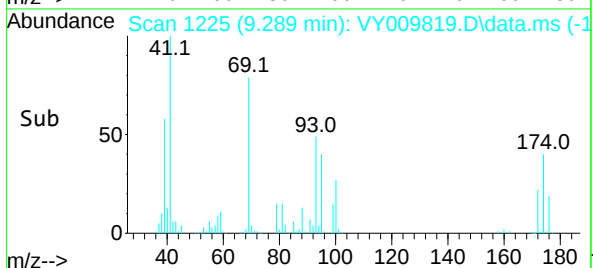
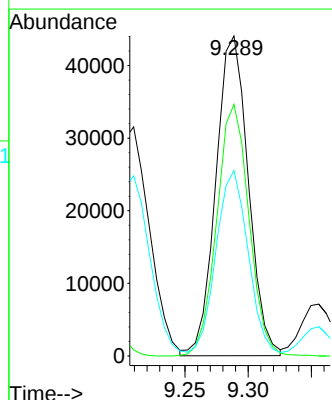
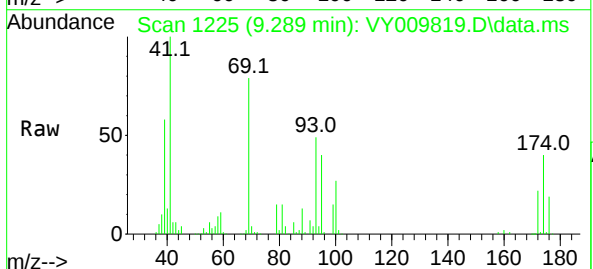
Tgt Ion: 41 Resp: 78564

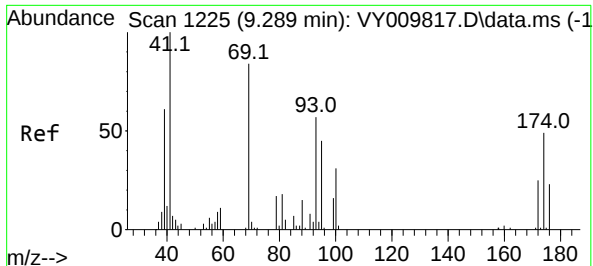
Ion Ratio Lower Upper

41 100

69 78.1 62.5 93.7

39 55.7 47.7 71.5





#49

1,4-Dioxane

Concen: 3521.719 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

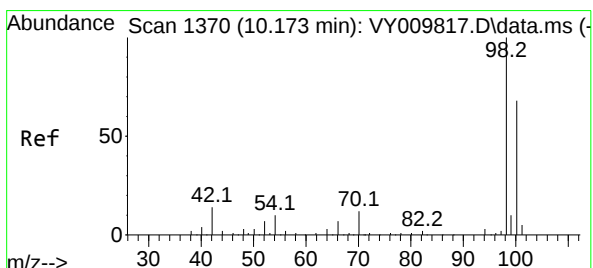
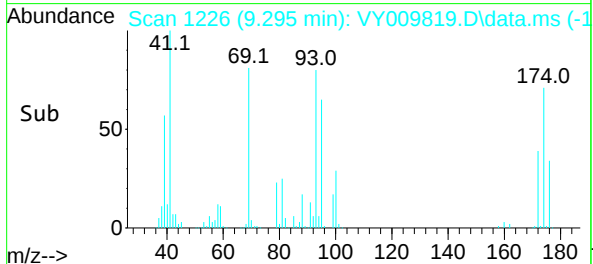
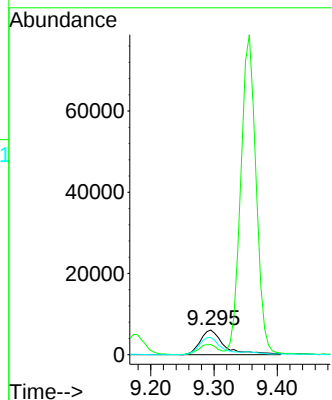
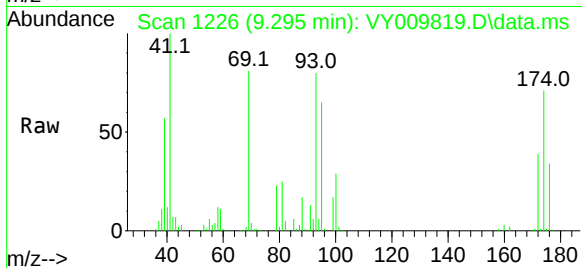
Tgt Ion: 88 Resp: 16186

Ion Ratio Lower Upper

88 100

43 31.5 26.2 39.2

58 62.8 47.5 71.3



#50

Toluene-d8

Concen: 111.573 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009819.D

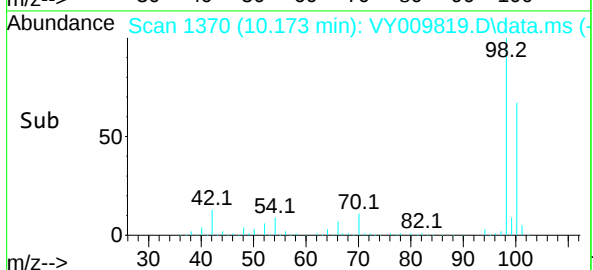
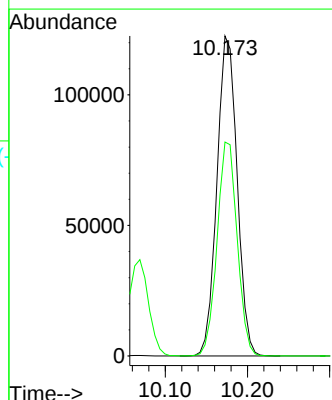
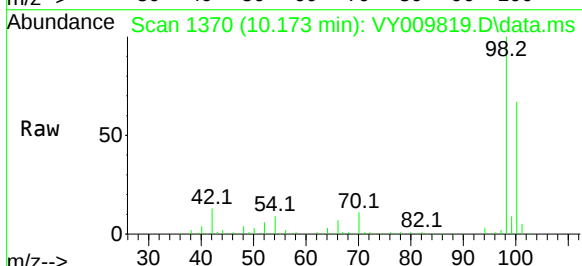
Acq: 03 Aug 2022 14:24

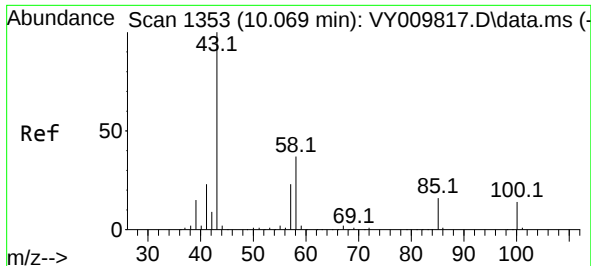
Tgt Ion: 98 Resp: 209140

Ion Ratio Lower Upper

98 100

100 66.7 53.4 80.2

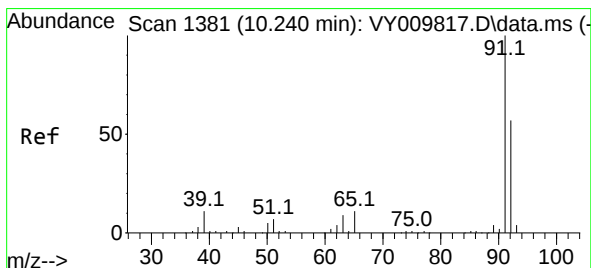
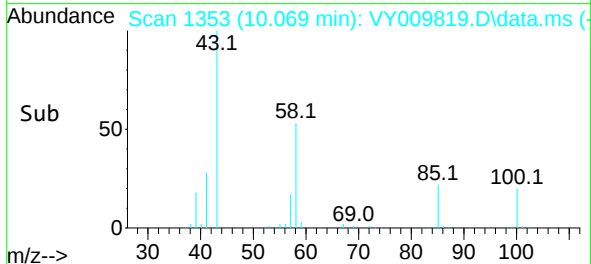
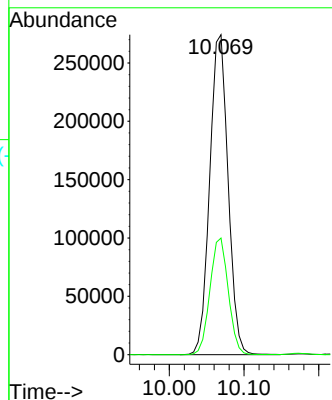
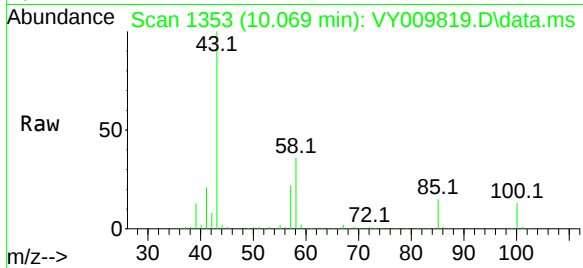




#51
4-Methyl-2-Pentanone
Concen: 823.508 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

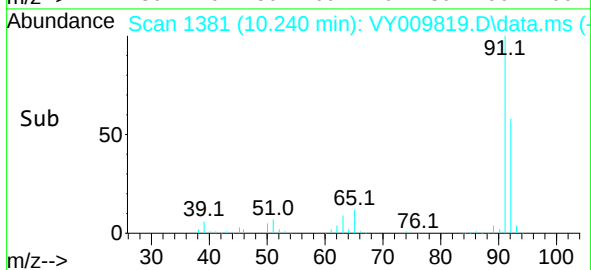
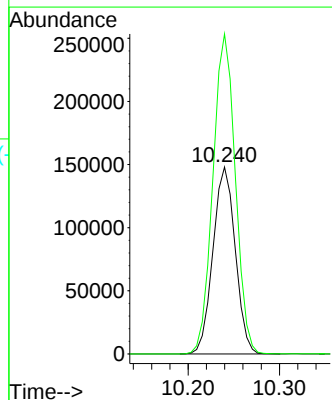
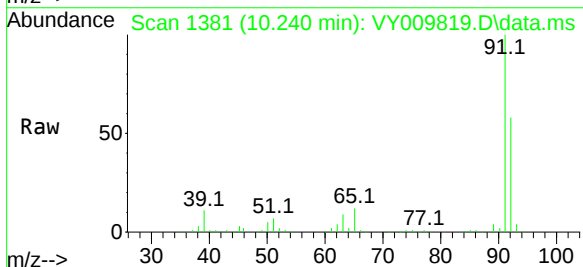
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

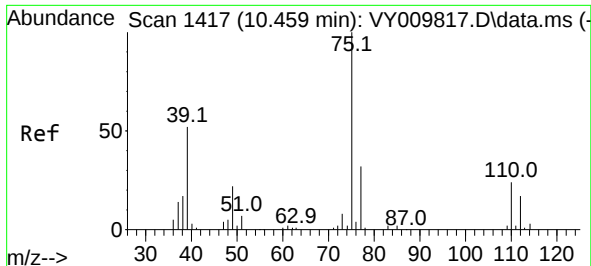
Tgt Ion: 43 Resp: 469074
Ion Ratio Lower Upper
43 100
58 36.3 28.7 43.1



#52
Toluene
Concen: 147.623 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion: 92 Resp: 251068
Ion Ratio Lower Upper
92 100
91 171.9 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 152.626 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

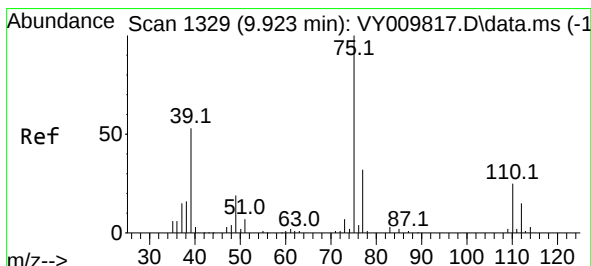
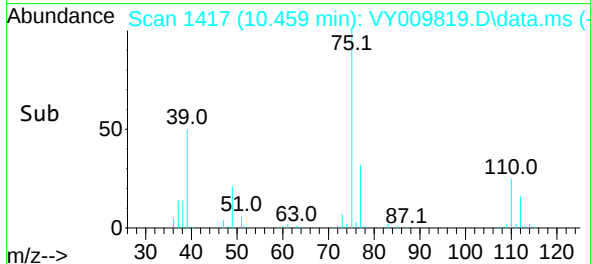
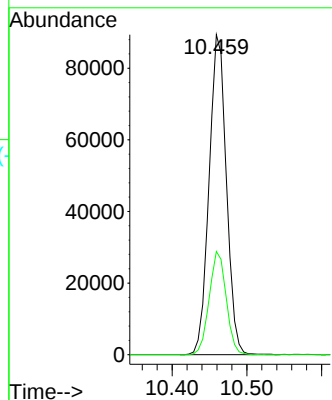
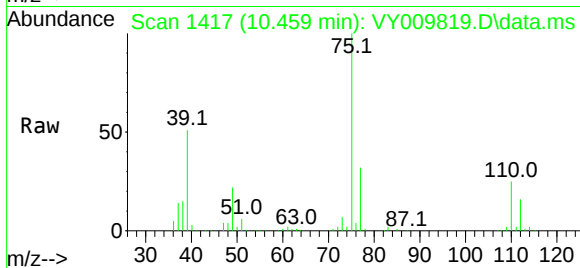
VSTDIC150

Tgt Ion: 75 Resp: 143750

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 151.849 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

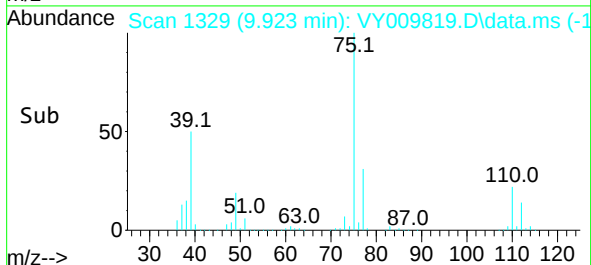
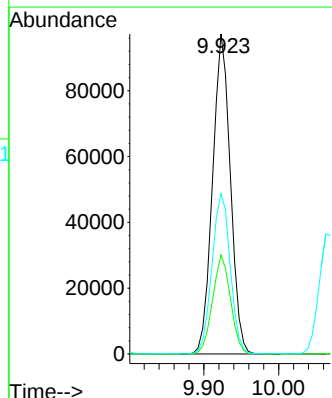
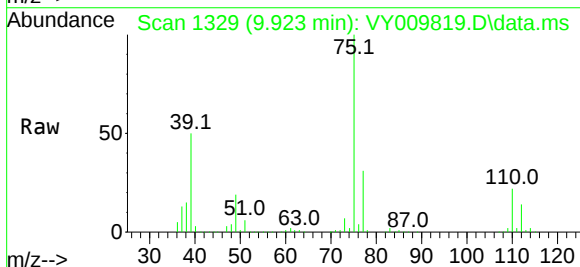
Tgt Ion: 75 Resp: 161402

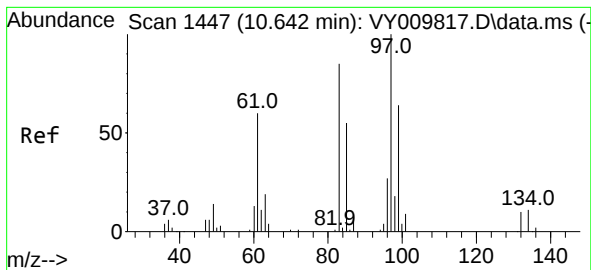
Ion Ratio Lower Upper

75 100

77 31.0 25.8 38.6

39 50.1 42.6 63.8





#55

1,1,2-Trichloroethane

Concen: 144.364 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 80429

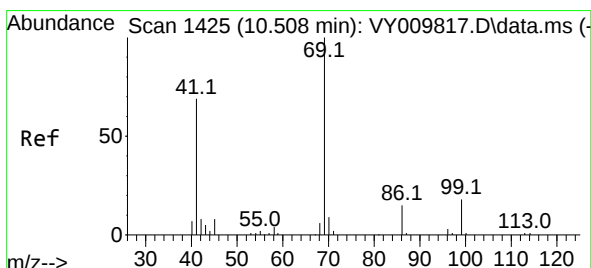
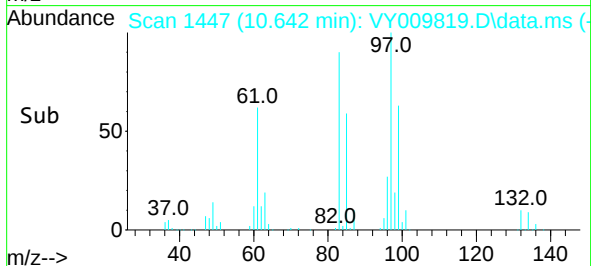
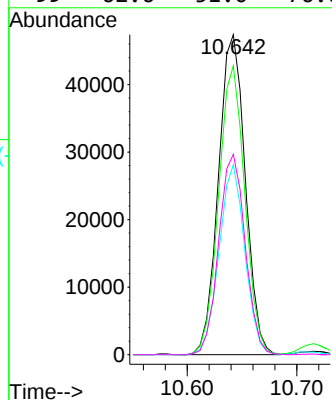
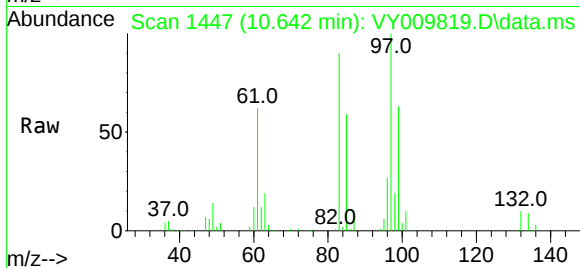
Ion Ratio Lower Upper

97 100

83 90.3 67.8 101.6

85 59.3 43.7 65.5

99 62.6 51.0 76.6



#56

Ethyl methacrylate

Concen: 172.036 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

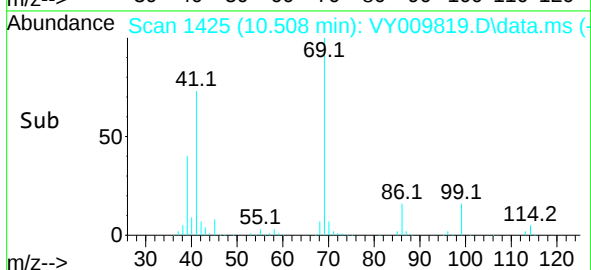
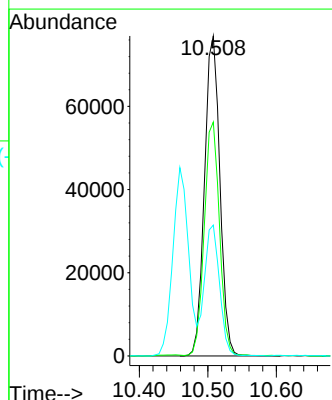
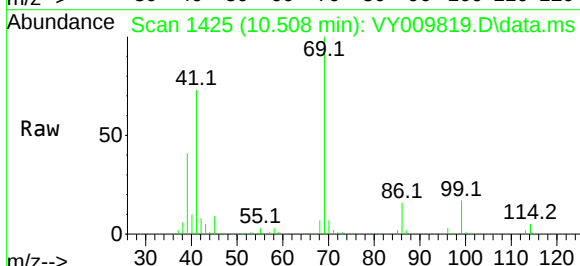
Tgt Ion: 69 Resp: 120490

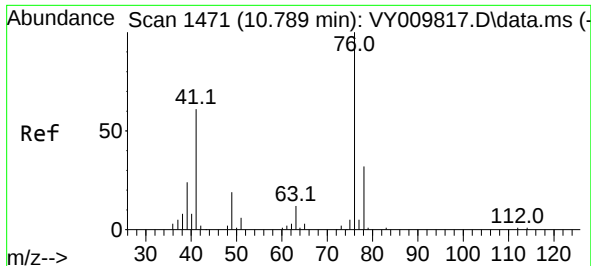
Ion Ratio Lower Upper

69 100

41 71.9 58.2 87.4

39 40.4 33.8 50.8





#57

1,3-Dichloropropane

Concen: 145.056 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

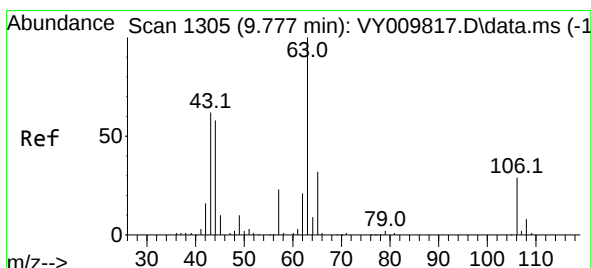
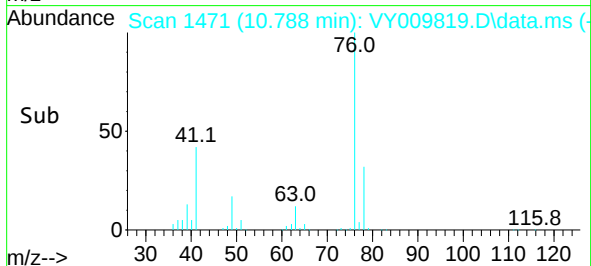
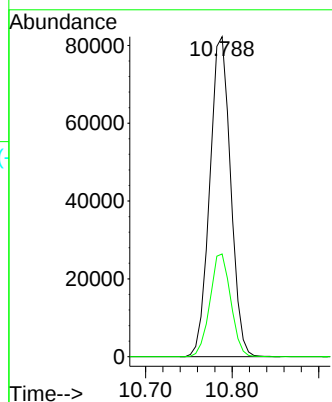
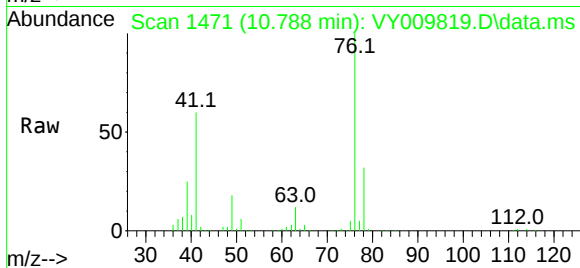
VSTDIC150

Tgt Ion: 76 Resp: 137251

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 804.153 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY009819.D

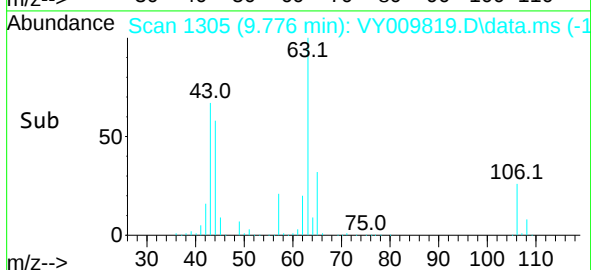
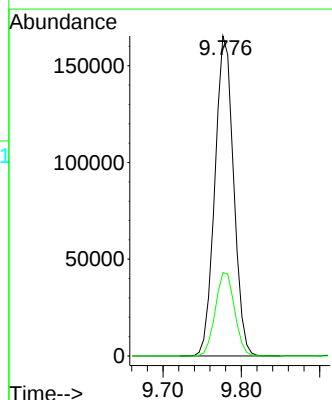
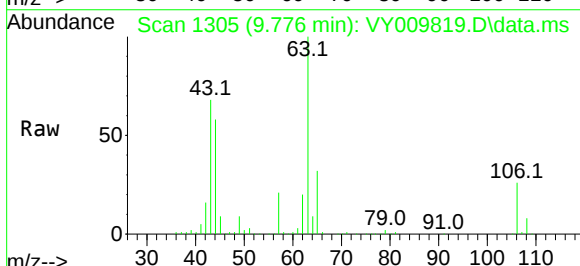
Acq: 03 Aug 2022 14:24

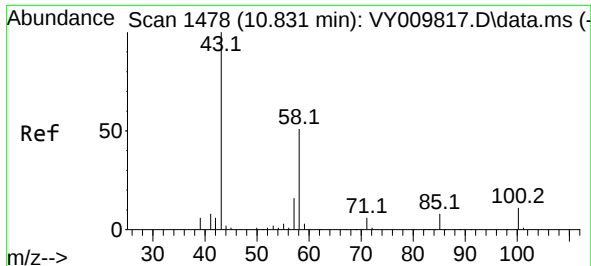
Tgt Ion: 63 Resp: 274204

Ion Ratio Lower Upper

63 100

106 26.9 22.8 34.2

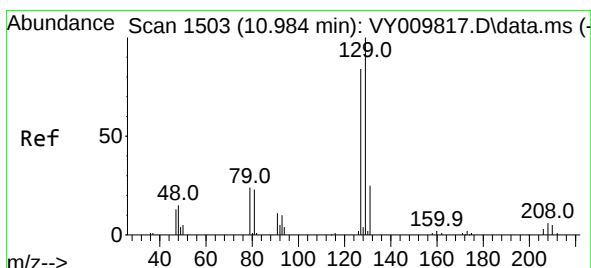
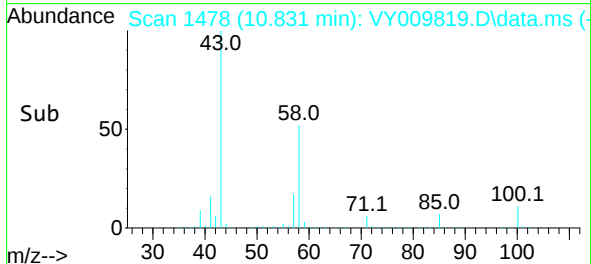
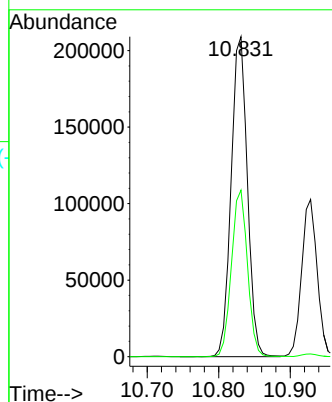
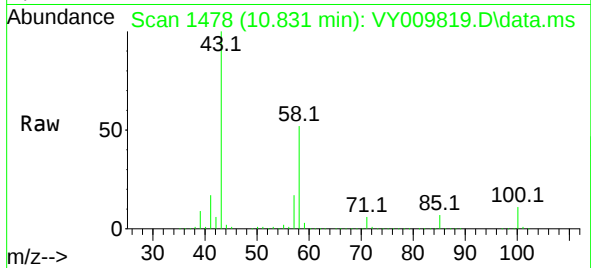




#59
2-Hexanone
Concen: 834.499 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

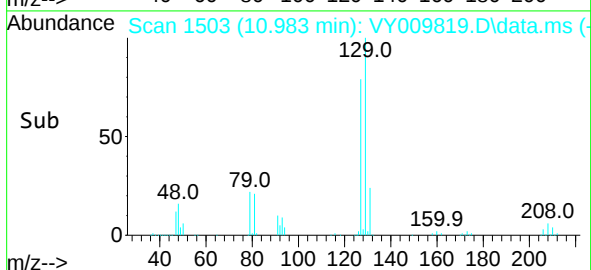
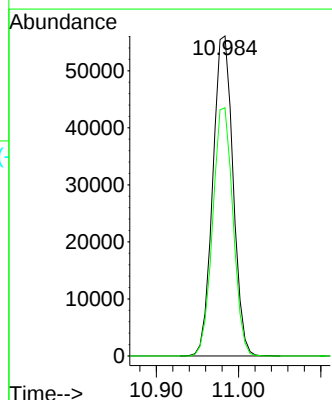
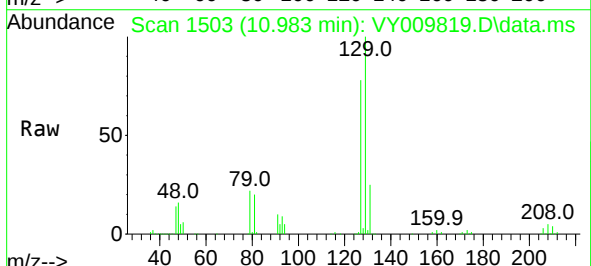
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

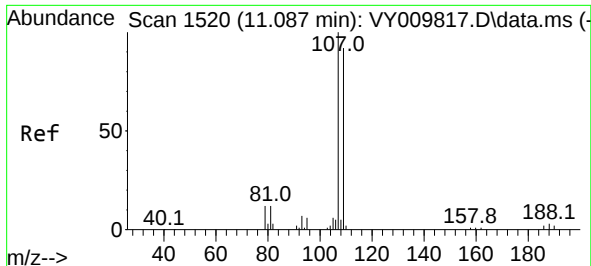
Tgt Ion: 43 Resp: 329342
Ion Ratio Lower Upper
43 100
58 51.4 25.8 77.3



#60
Dibromochloromethane
Concen: 143.931 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion: 129 Resp: 95892
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.3

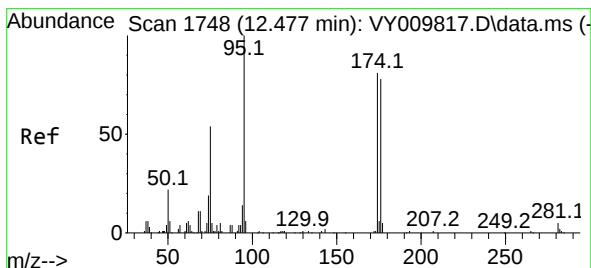
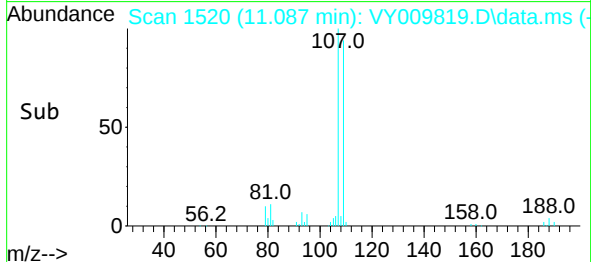
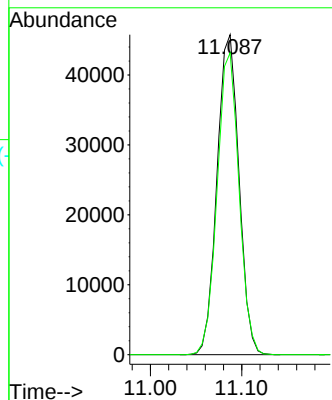
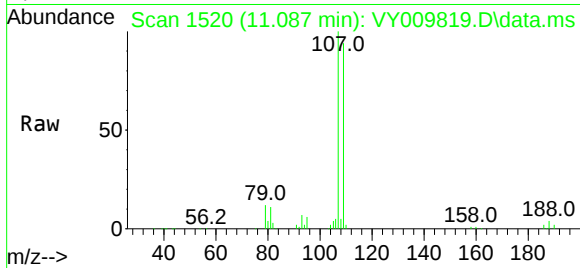




#61
1,2-Dibromoethane
Concen: 140.466 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

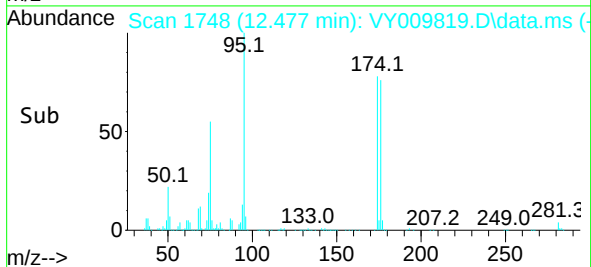
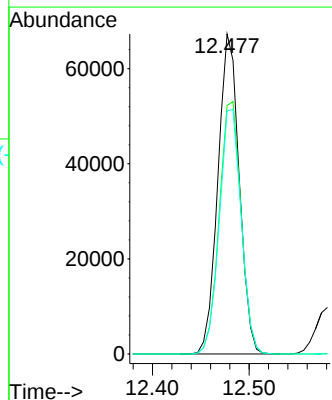
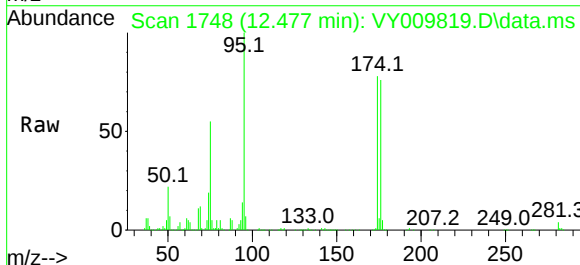
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

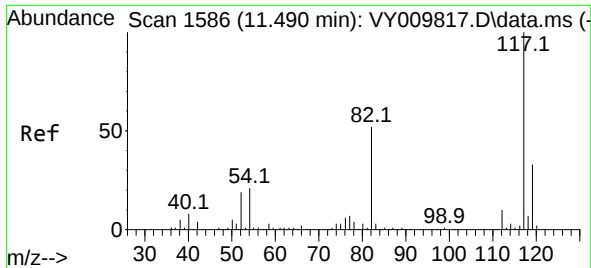
Tgt Ion:107 Resp: 76360
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 141.402 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion: 95 Resp: 102695
Ion Ratio Lower Upper
95 100
174 81.1 0.0 168.6
176 78.7 0.0 163.6

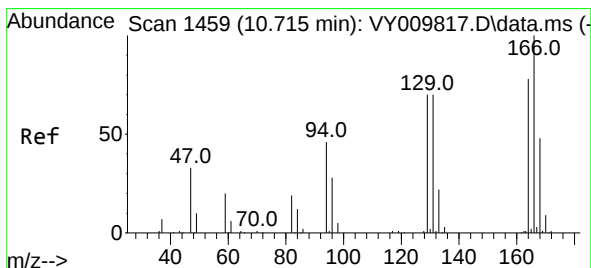
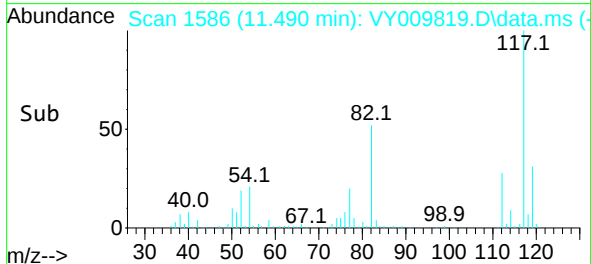
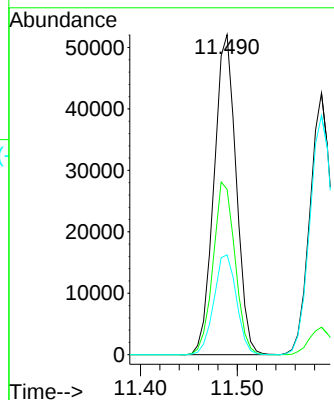
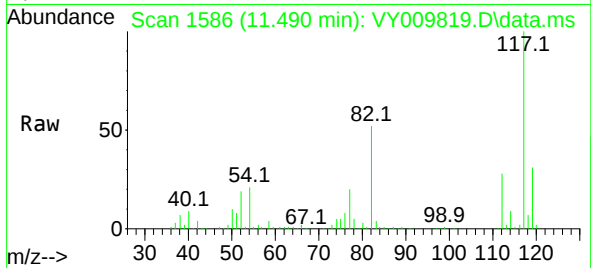




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

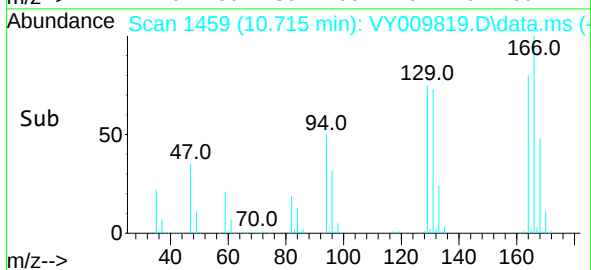
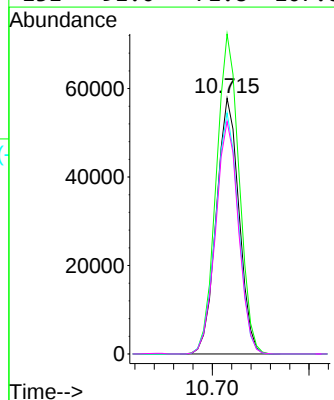
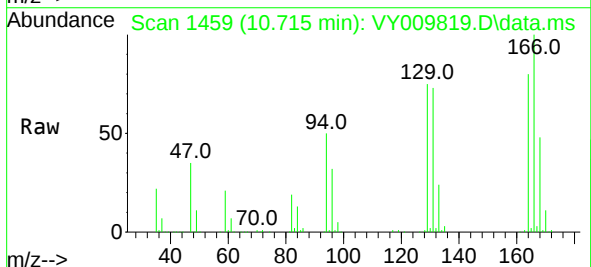
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

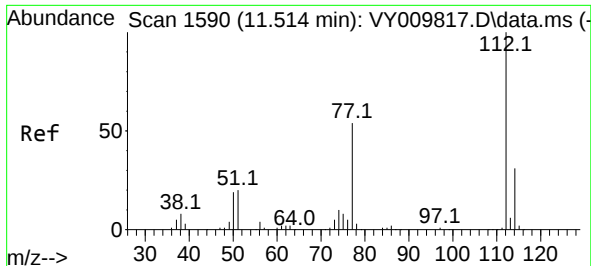
Tgt Ion:117 Resp: 82966
Ion Ratio Lower Upper
117 100
82 51.7 41.7 62.5
119 31.2 26.6 40.0



#64
Tetrachloroethene
Concen: 142.926 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion:164 Resp: 94078
Ion Ratio Lower Upper
164 100
166 125.2 103.0 154.6
129 94.3 72.2 108.2
131 91.0 71.8 107.8

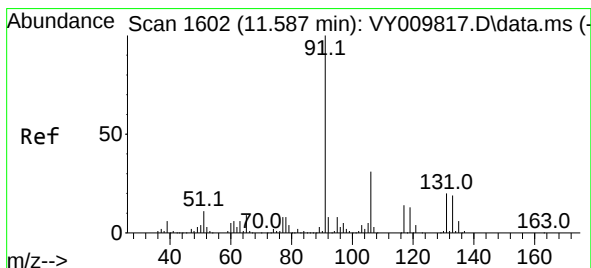
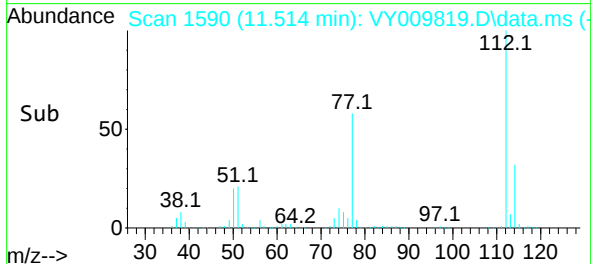
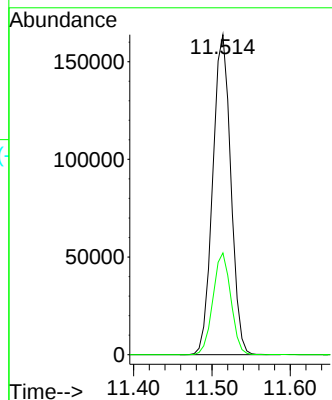
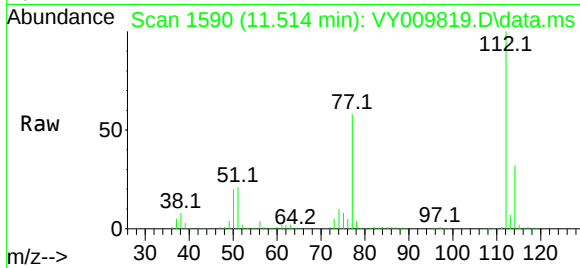




#65
Chlorobenzene
Concen: 145.602 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

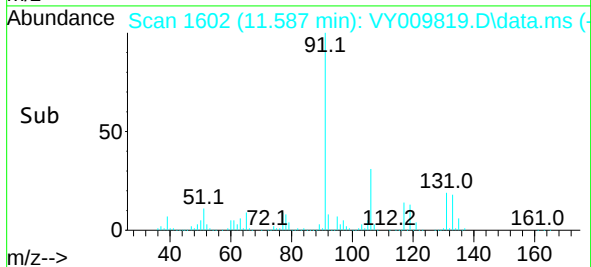
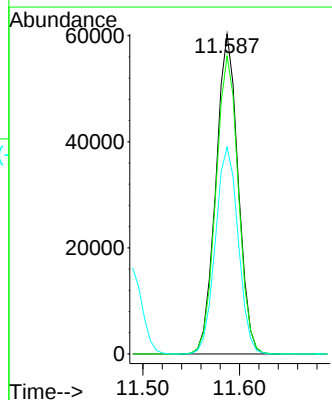
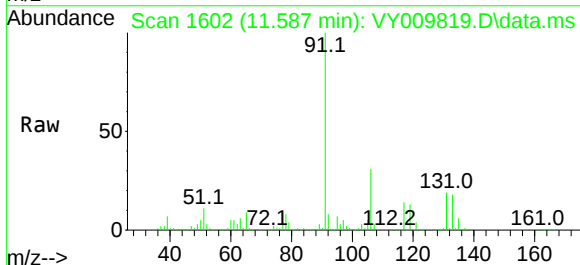
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

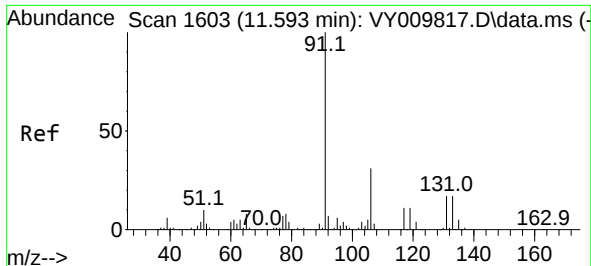
Tgt Ion:112 Resp: 262424
Ion Ratio Lower Upper
112 100
114 31.8 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 143.227 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion:131 Resp: 95778
Ion Ratio Lower Upper
131 100
133 94.4 48.0 144.0
119 66.4 33.1 99.2

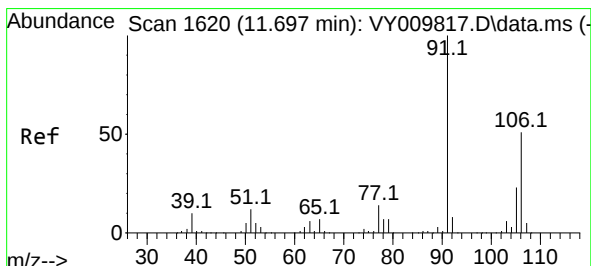
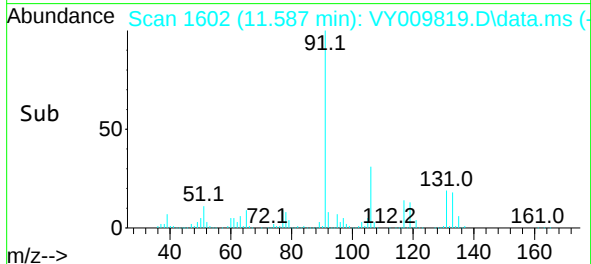
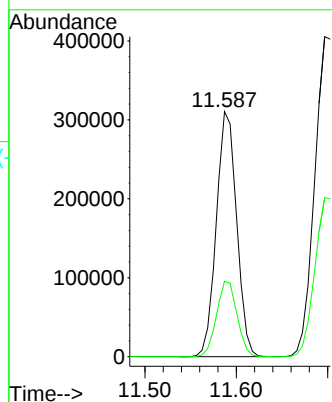
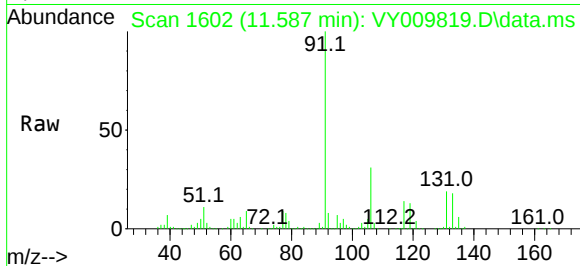




#67
Ethyl Benzene
Concen: 153.223 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

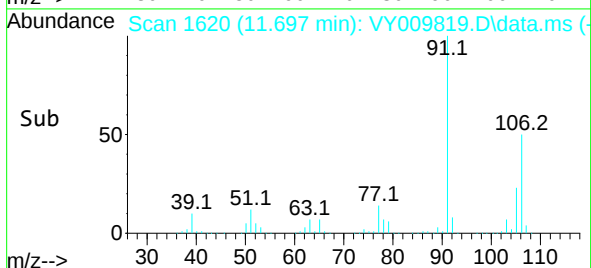
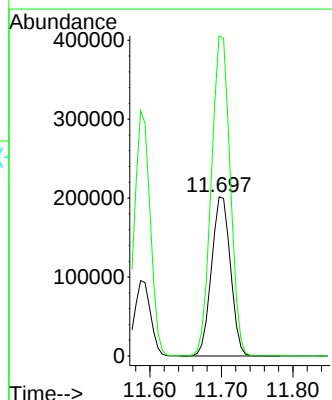
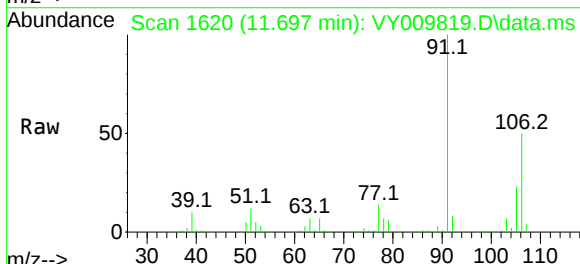
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

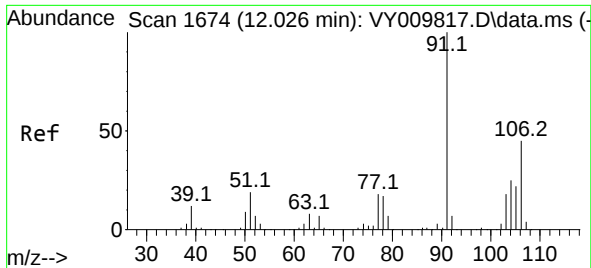
Tgt Ion: 91 Resp: 479521
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3



#68
m/p-Xylenes
Concen: 301.714 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion: 106 Resp: 370649
Ion Ratio Lower Upper
106 100
91 200.8 160.6 240.8

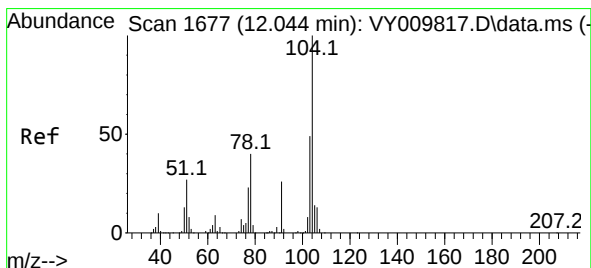
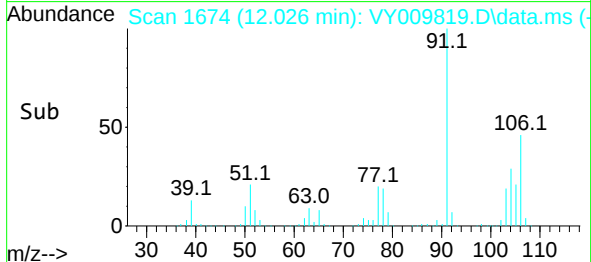
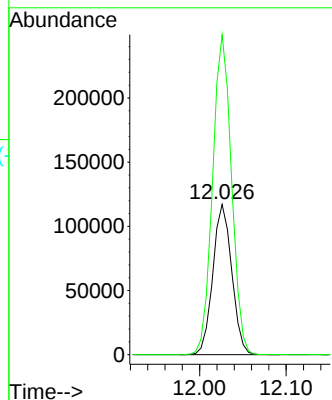
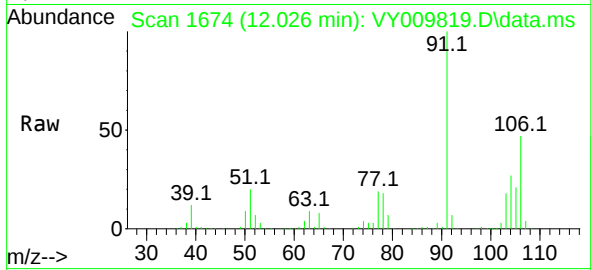




#69
o-Xylene
Concen: 162.034 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

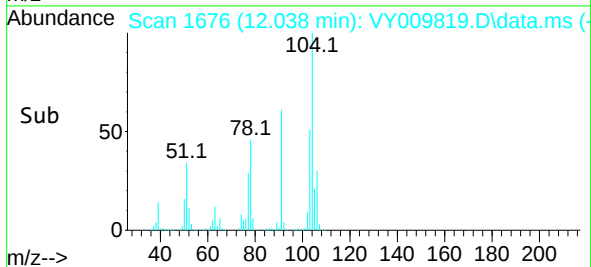
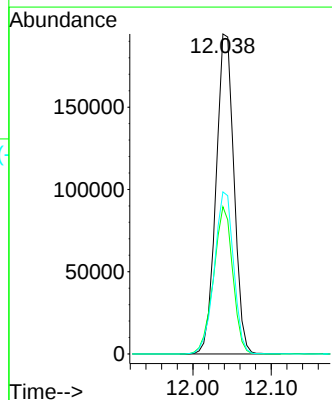
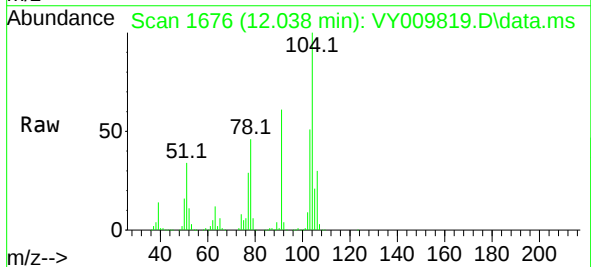
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

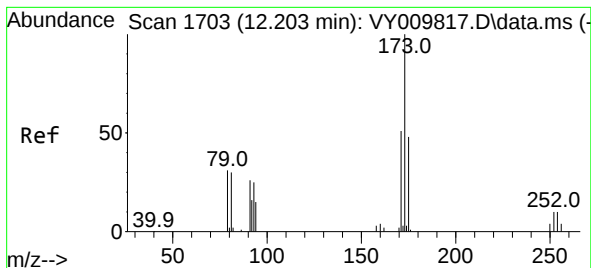
Tgt Ion:106 Resp: 177864
Ion Ratio Lower Upper
106 100
91 212.8 106.6 319.8



#70
Styrene
Concen: 164.843 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion:104 Resp: 309527
Ion Ratio Lower Upper
104 100
78 49.1 37.4 56.0
103 54.6 42.8 64.2





#71

Bromoform

Concen: 150.843 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

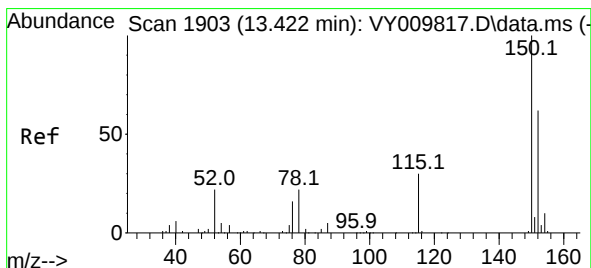
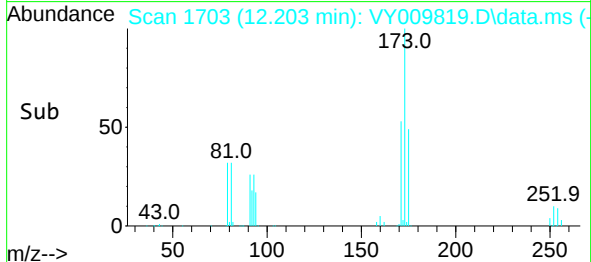
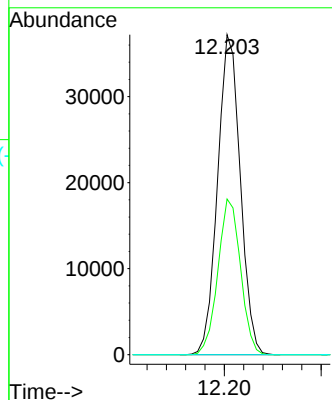
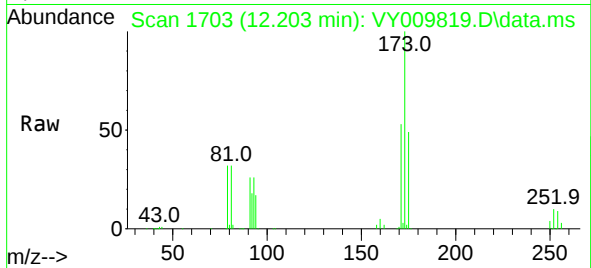
Tgt Ion:173 Resp: 60488

Ion Ratio Lower Upper

173 100

175 48.4 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

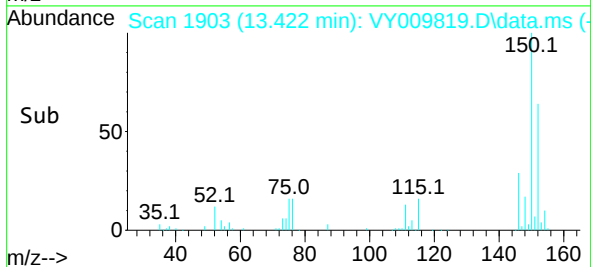
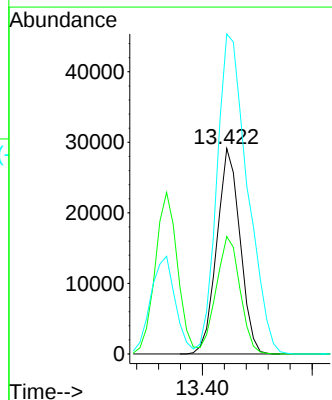
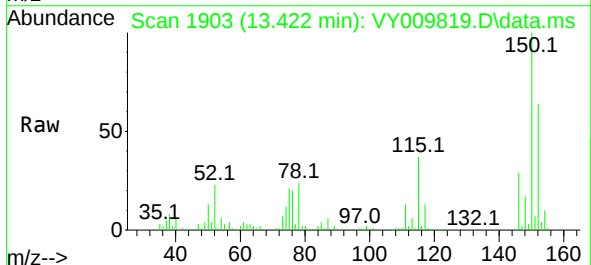
Tgt Ion:152 Resp: 42885

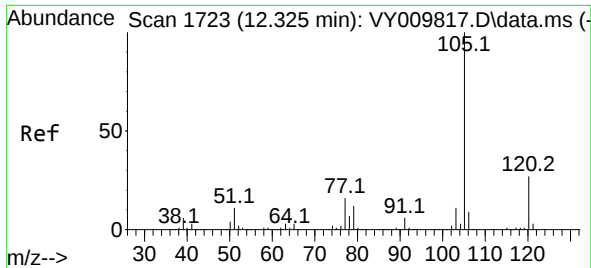
Ion Ratio Lower Upper

152 100

115 58.4 28.9 86.7

150 205.1 0.0 354.2

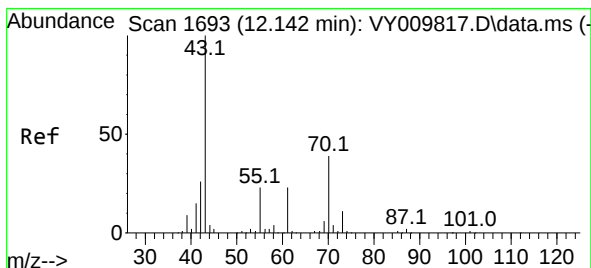
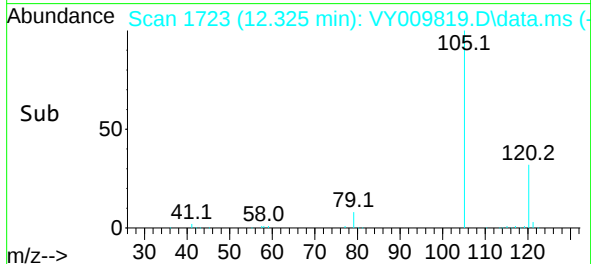
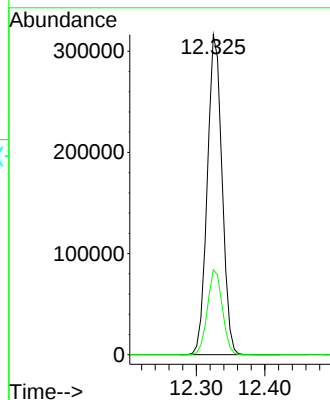
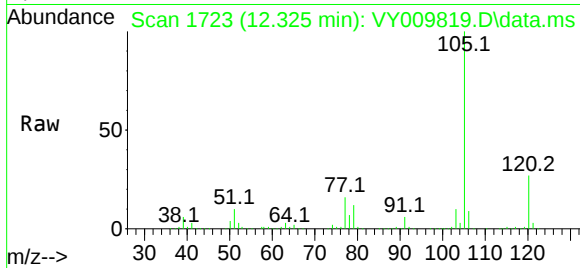




#73
Isopropylbenzene
Concen: 158.714 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

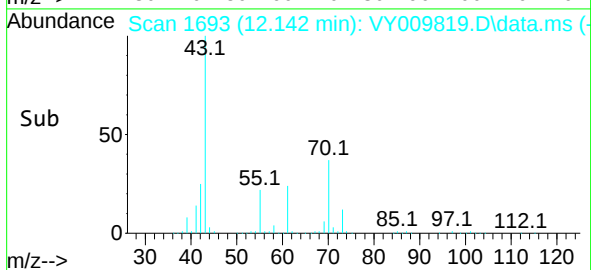
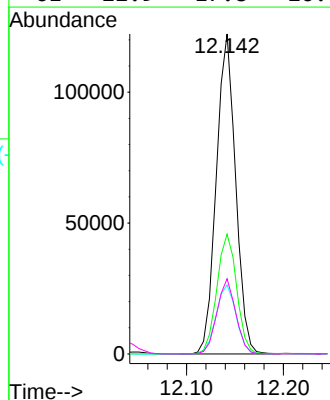
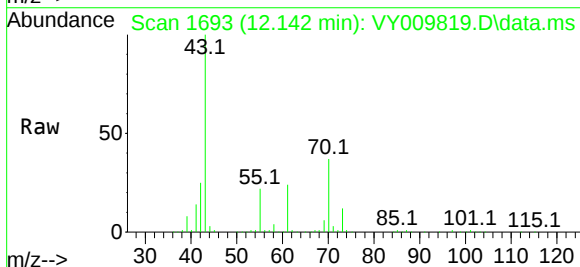
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

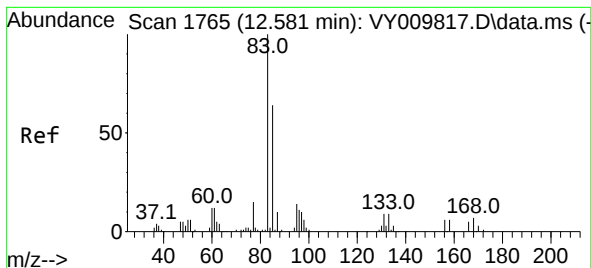
Tgt Ion:105 Resp: 472764
Ion Ratio Lower Upper
105 100
120 26.8 13.8 41.3



#74
N-ethyl acetate
Concen: 179.608 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion: 43 Resp: 169182
Ion Ratio Lower Upper
43 100
70 38.5 31.4 47.0
55 22.4 19.0 28.4
61 22.9 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 146.507 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

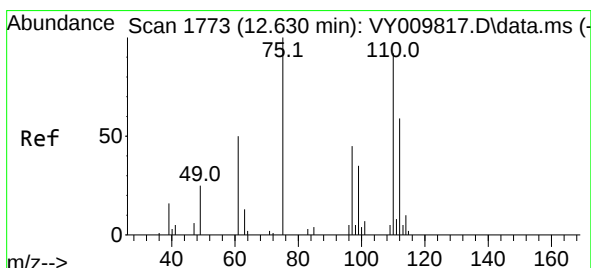
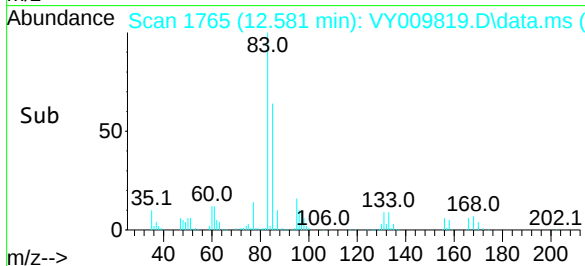
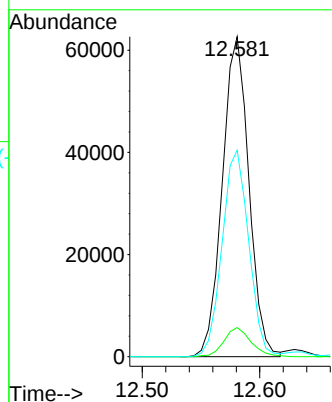
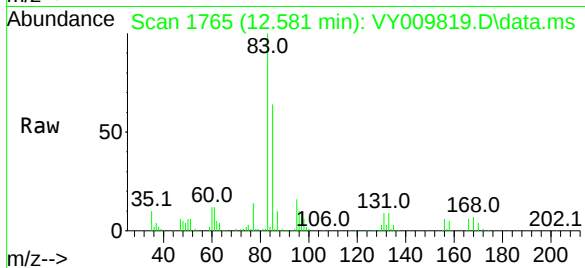
Tgt Ion: 83 Resp: 98357

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.7

85 64.7 31.6 94.8



#76

1,2,3-Trichloropropane

Concen: 85.684 ug/l m

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY009819.D

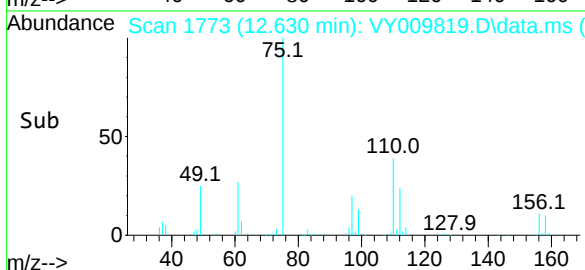
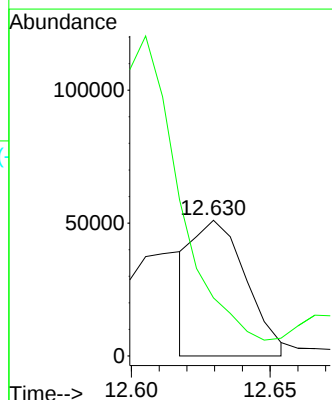
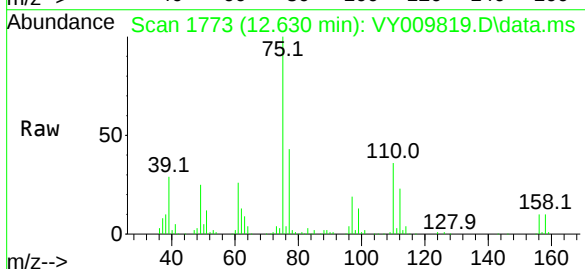
Acq: 03 Aug 2022 14:24

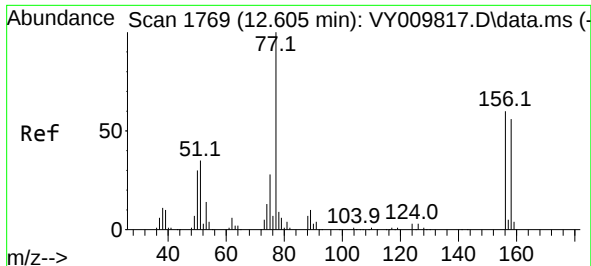
Tgt Ion: 75 Resp: 68372

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

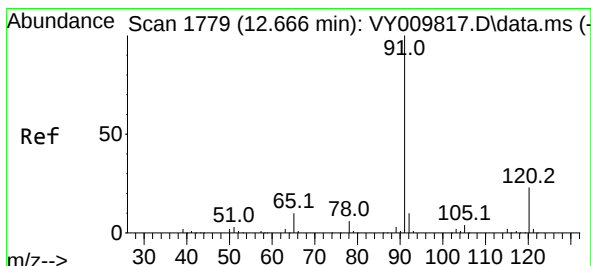
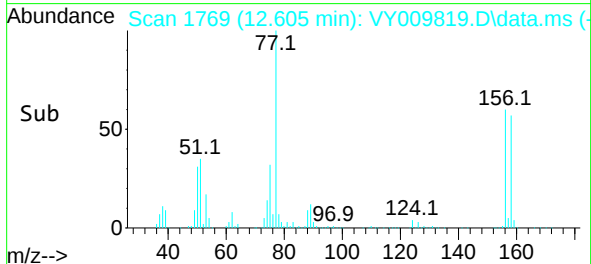
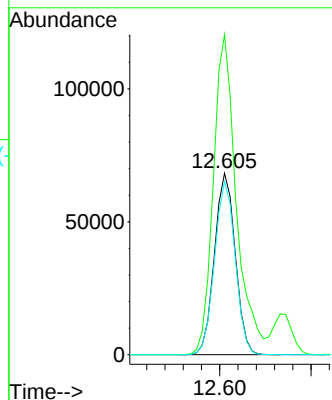
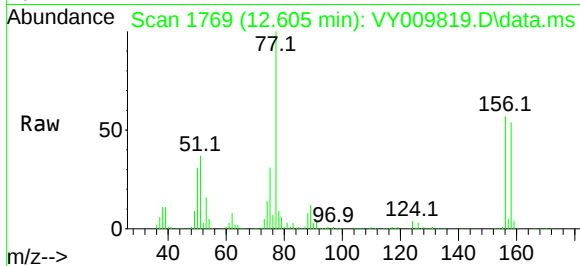




#77
Bromobenzene
Concen: 144.059 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

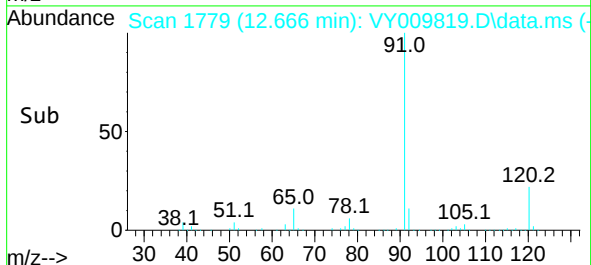
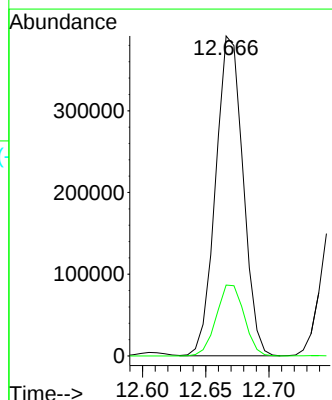
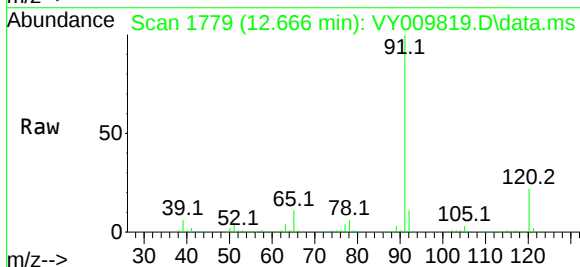
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

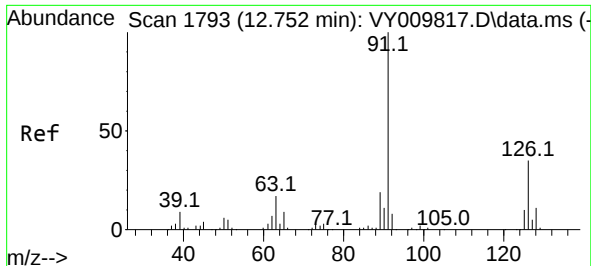
Tgt Ion:156 Resp: 107738
Ion Ratio Lower Upper
156 100
77 194.9 94.0 282.0
158 95.1 48.9 146.6



#78
n-propylbenzene
Concen: 156.447 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion: 91 Resp: 587982
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.8





#79

2-Chlorotoluene

Concen: 154.025 ug/l

RT: 12.751 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

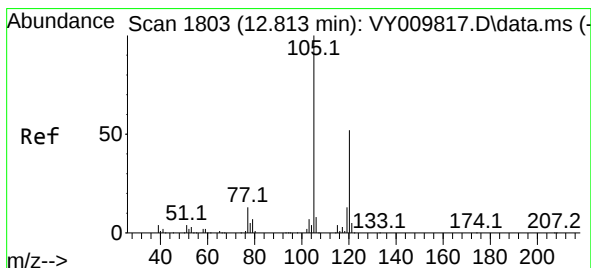
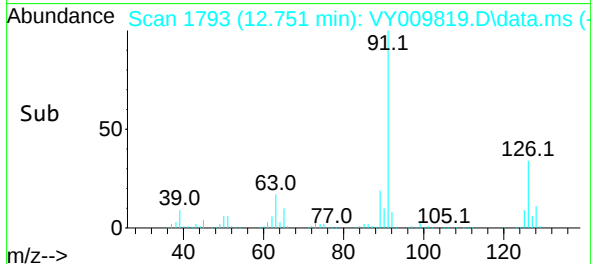
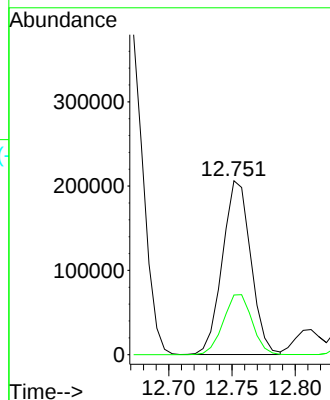
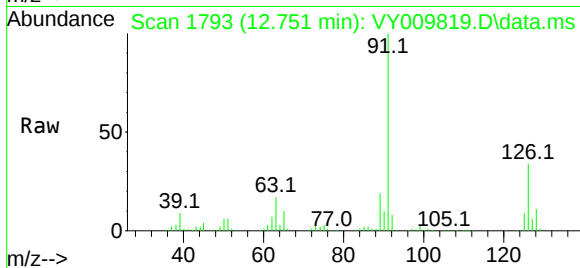
VSTDICC150

Tgt Ion: 91 Resp: 322339

Ion Ratio Lower Upper

91 100

126 35.0 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 154.926 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY009819.D

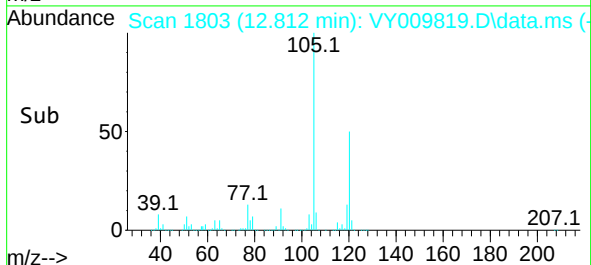
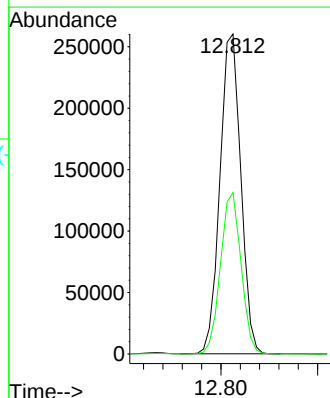
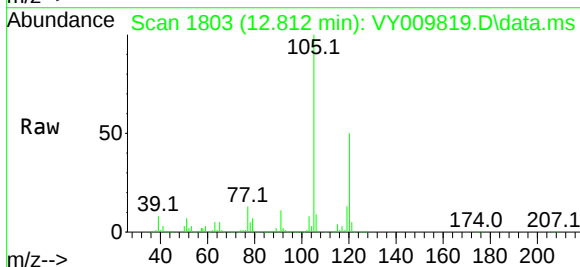
Acq: 03 Aug 2022 14:24

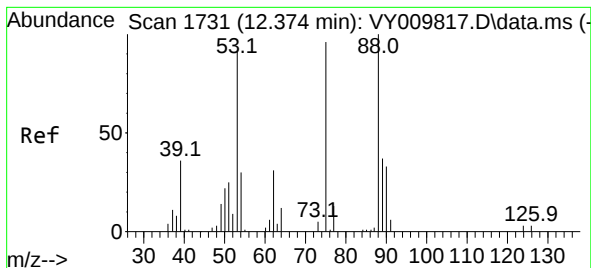
Tgt Ion:105 Resp: 389304

Ion Ratio Lower Upper

105 100

120 49.7 25.6 76.6

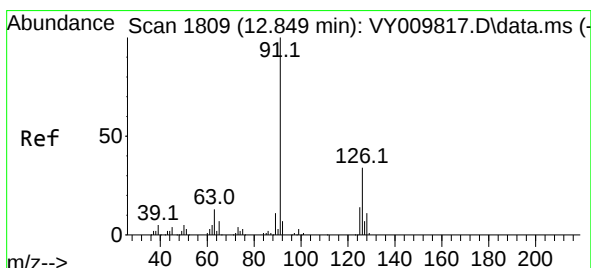
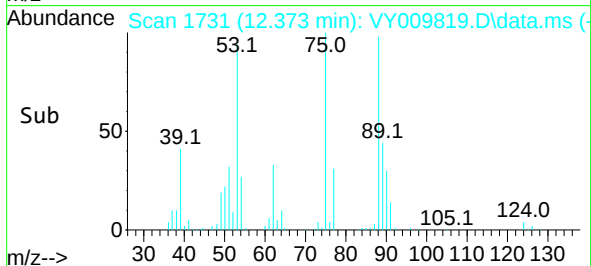
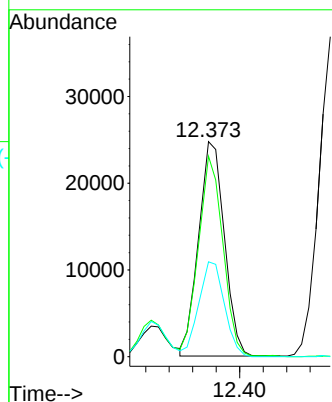
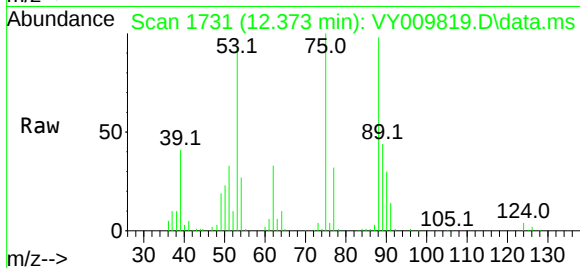




#81
trans-1,4-Dichloro-2-butene
Concen: 164.996 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

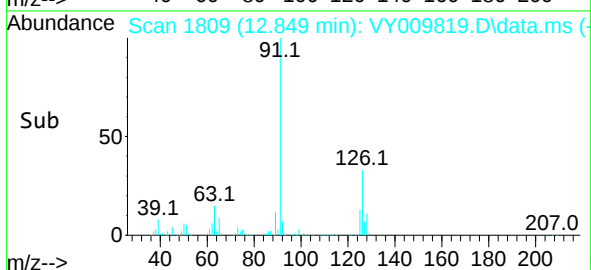
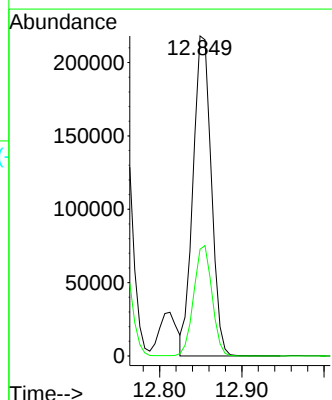
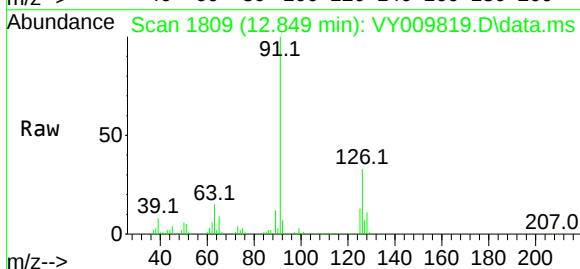
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

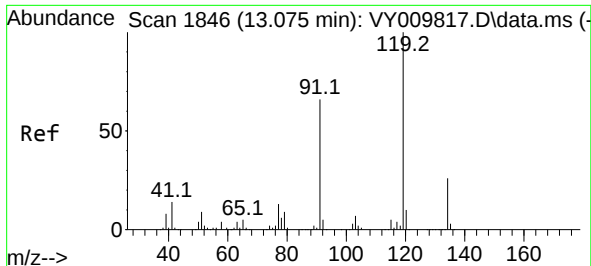
Tgt Ion: 75 Resp: 37714
Ion Ratio Lower Upper
75 100
53 89.3 74.2 111.4
89 44.0 35.3 52.9



#82
4-Chlorotoluene
Concen: 152.002 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion: 91 Resp: 335541
Ion Ratio Lower Upper
91 100
126 34.6 17.6 52.8

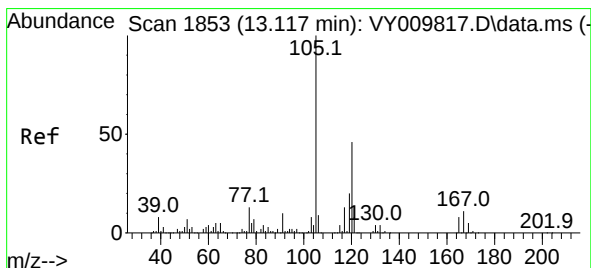
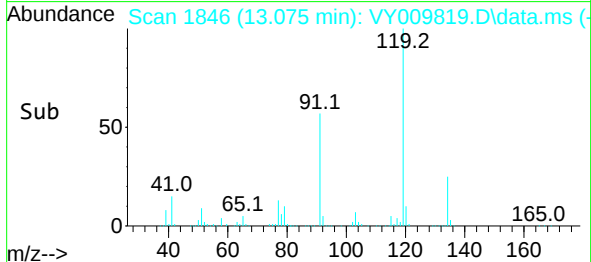
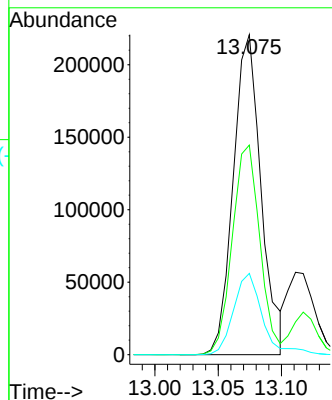
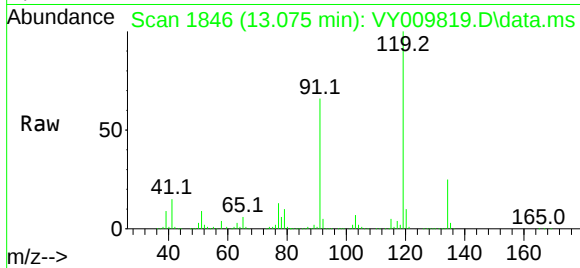




#83
tert-Butylbenzene
Concen: 157.733 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

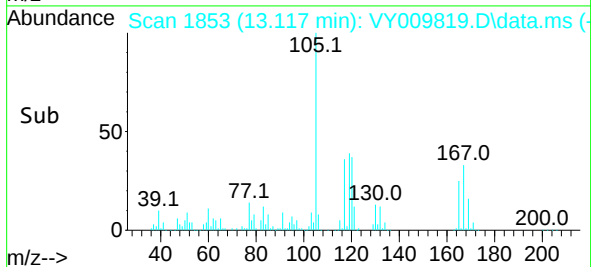
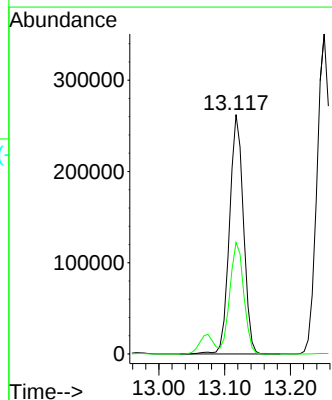
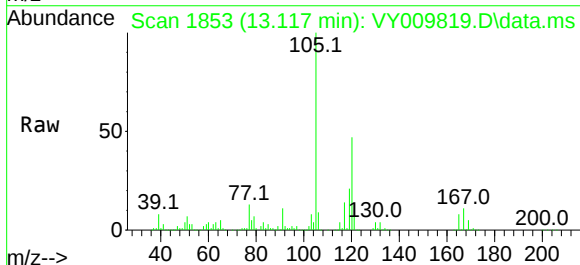
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

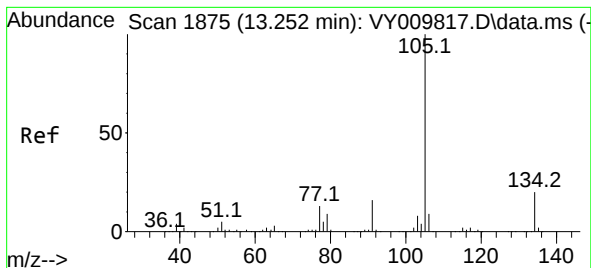
Tgt Ion:119 Resp: 338788
Ion Ratio Lower Upper
119 100
91 64.9 32.0 96.0
134 26.3 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 155.843 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion:105 Resp: 386078
Ion Ratio Lower Upper
105 100
120 46.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 155.532 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

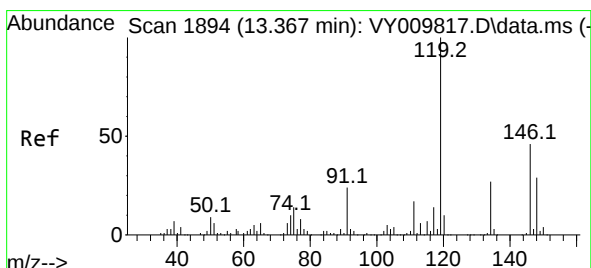
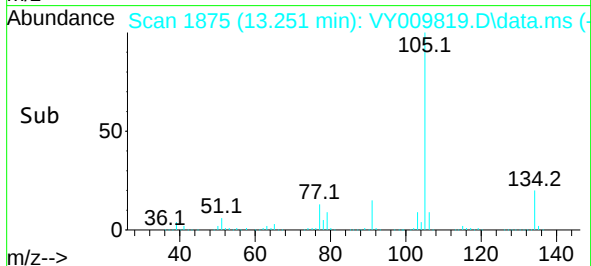
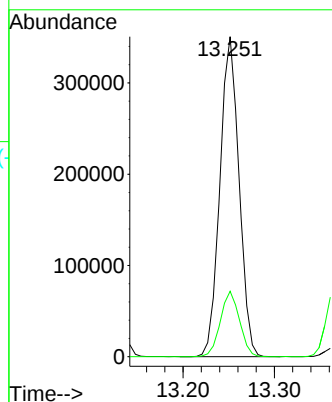
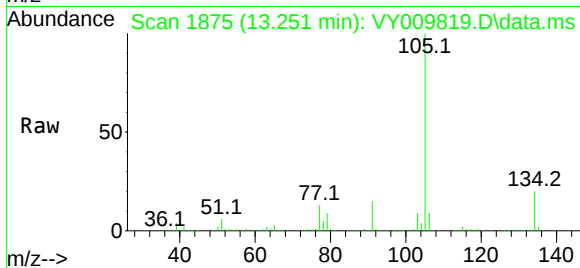
VSTDIC150

Tgt Ion:105 Resp: 510697

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.9



#86

p-Isopropyltoluene

Concen: 159.875 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

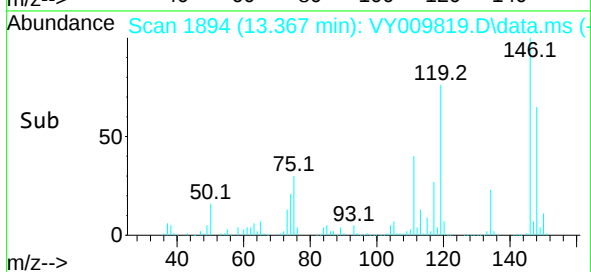
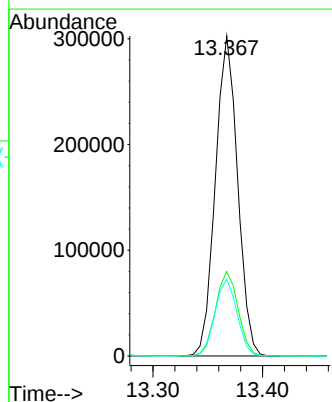
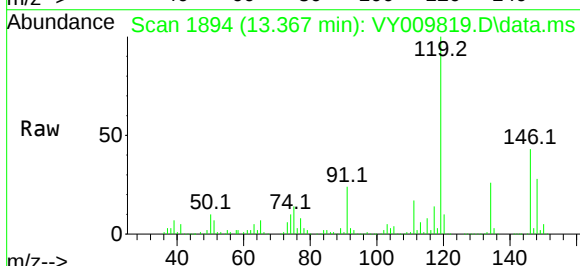
Tgt Ion:119 Resp: 425721

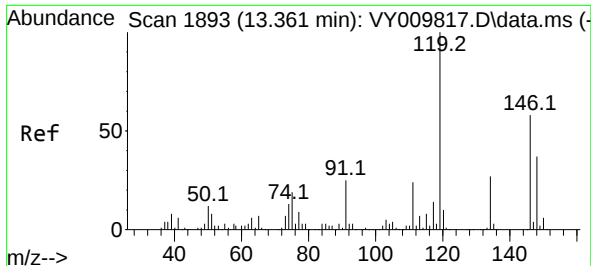
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 23.9 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 145.478 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

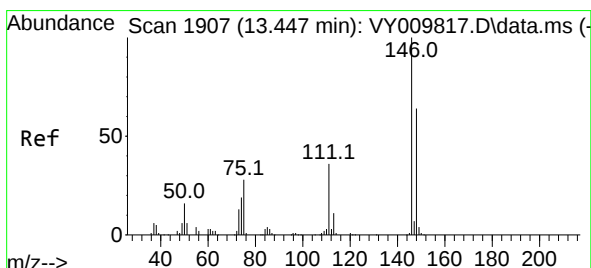
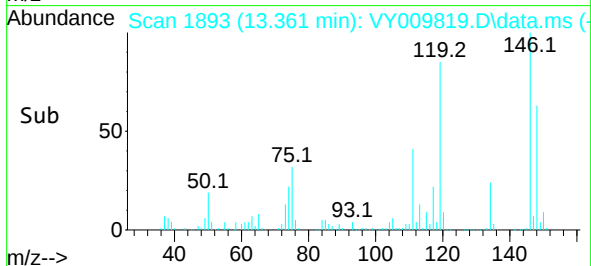
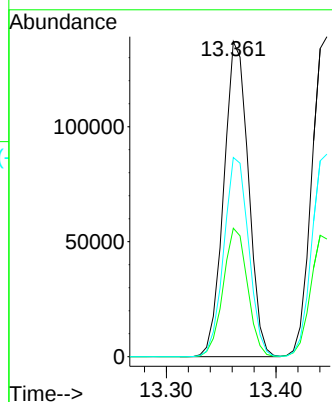
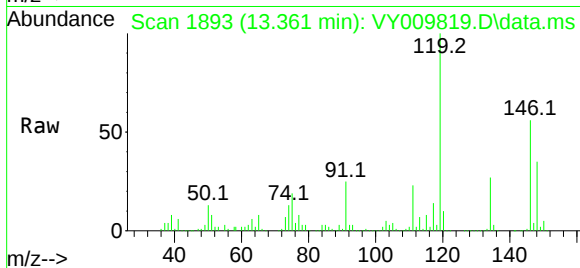
Tgt Ion:146 Resp: 213787

Ion Ratio Lower Upper

146 100

111 40.3 19.6 58.7

148 63.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 143.299 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

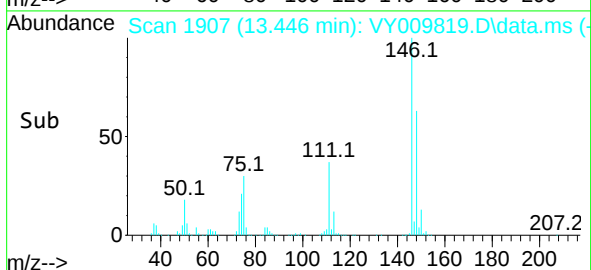
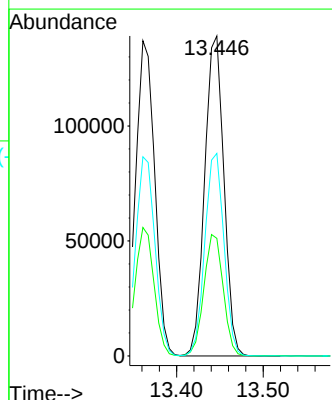
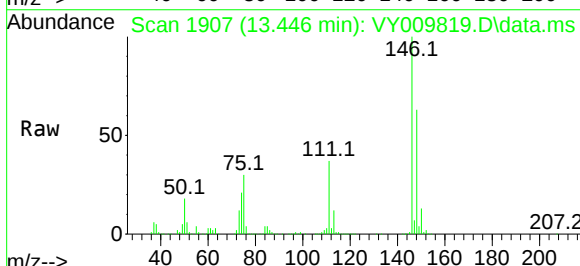
Tgt Ion:146 Resp: 214348

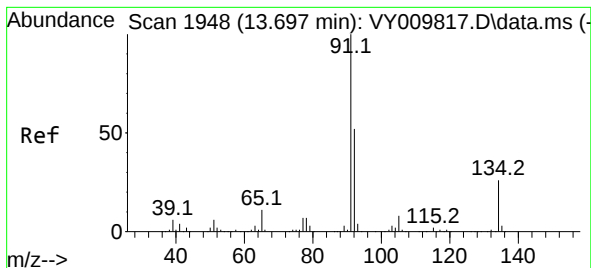
Ion Ratio Lower Upper

146 100

111 38.1 18.6 56.0

148 63.2 31.8 95.3





#89

n-Butylbenzene

Concen: 165.905 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

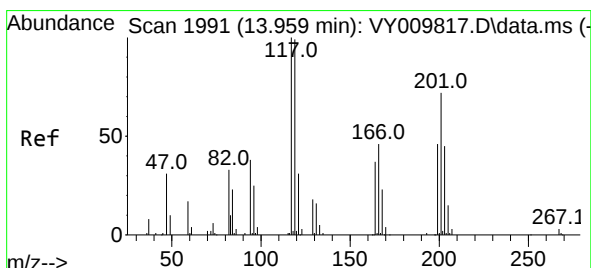
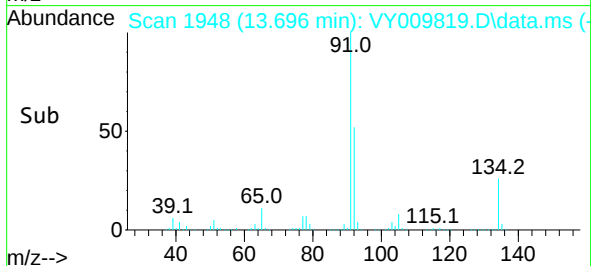
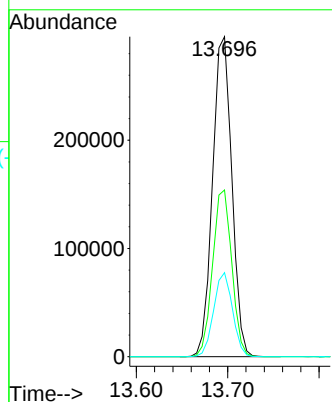
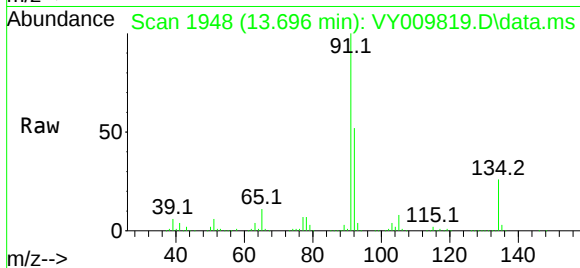
Tgt Ion: 91 Resp: 432645

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.8

134 25.7 12.9 38.6



#90

Hexachloroethane

Concen: 153.092 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY009819.D

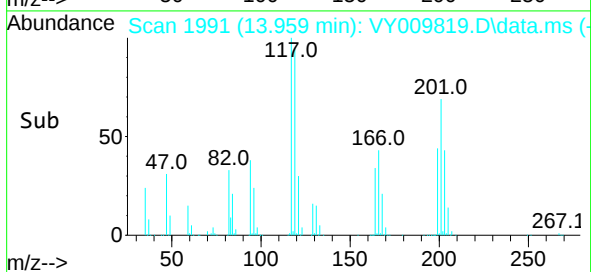
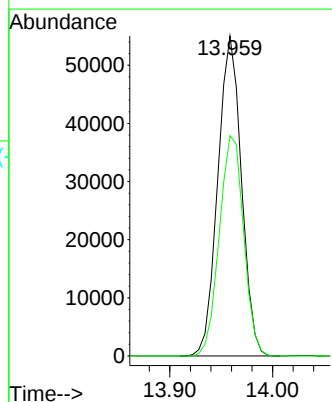
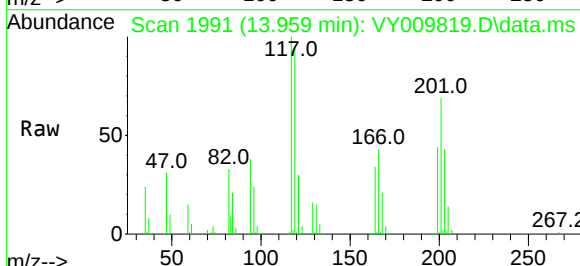
Acq: 03 Aug 2022 14:24

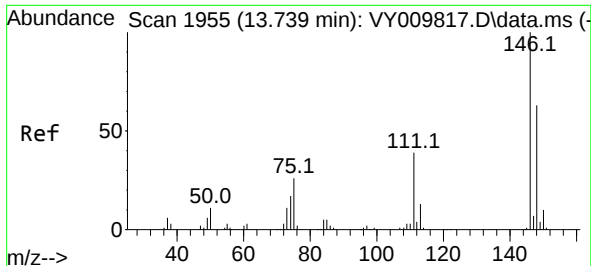
Tgt Ion: 117 Resp: 87560

Ion Ratio Lower Upper

117 100

201 71.0 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 152.342 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

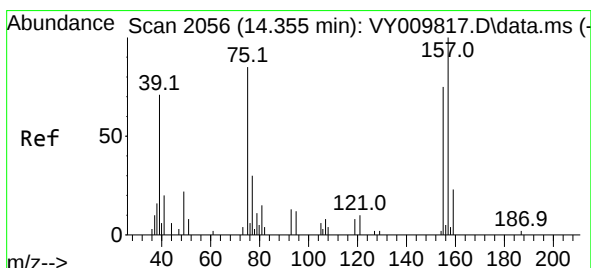
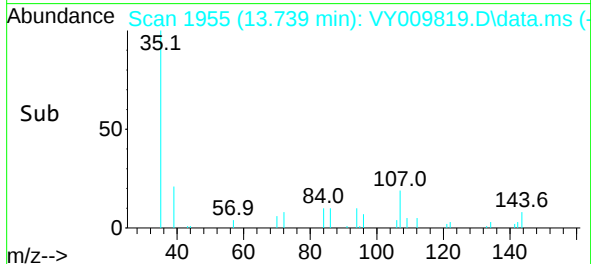
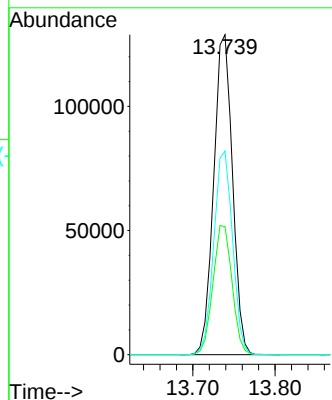
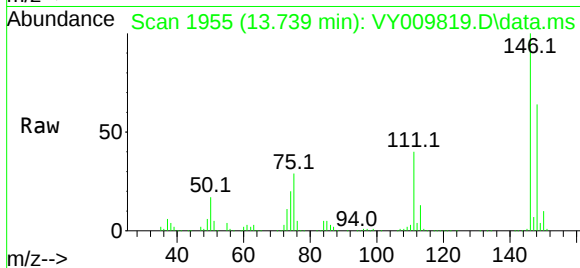
Tgt Ion:146 Resp: 204907

Ion Ratio Lower Upper

146 100

111 41.0 19.6 58.7

148 63.7 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 166.062 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

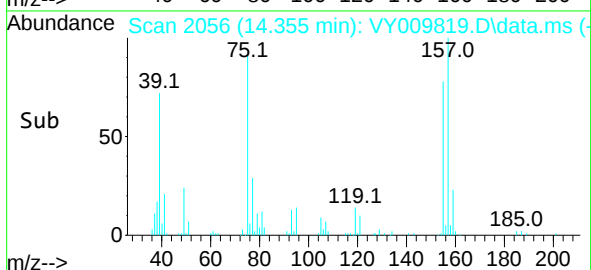
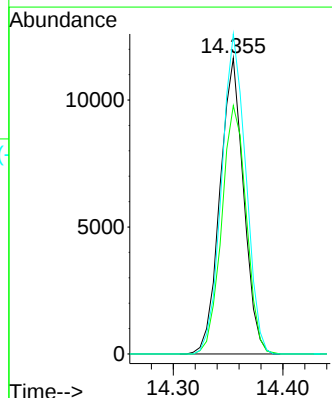
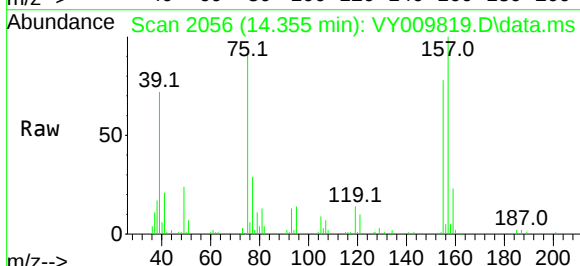
Tgt Ion: 75 Resp: 17475

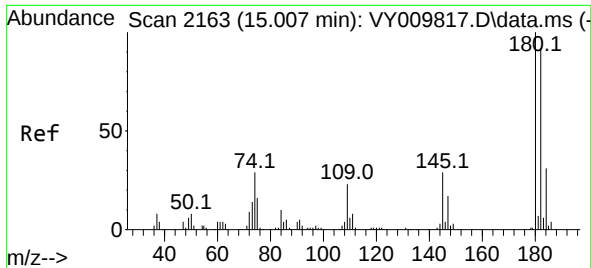
Ion Ratio Lower Upper

75 100

155 86.9 41.8 125.3

157 110.3 53.6 160.8

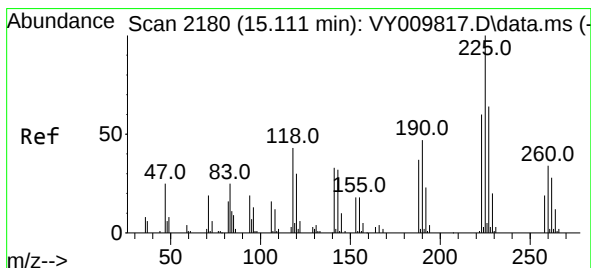
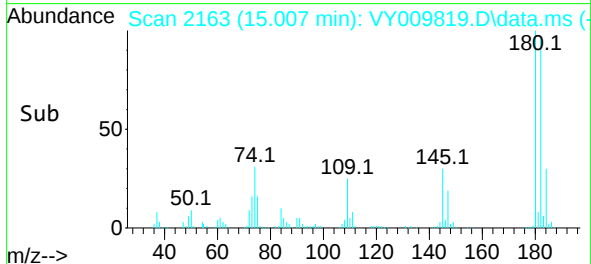
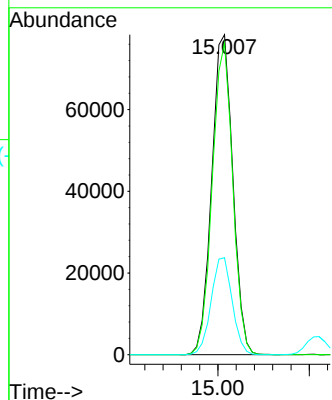
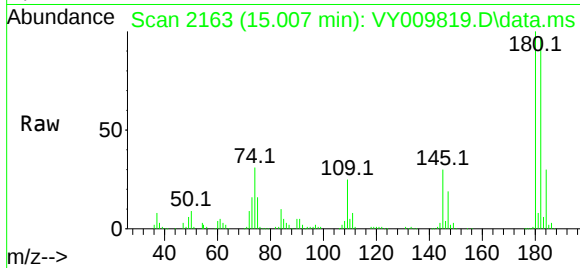




#93
1,2,4-Trichlorobenzene
Concen: 168.343 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

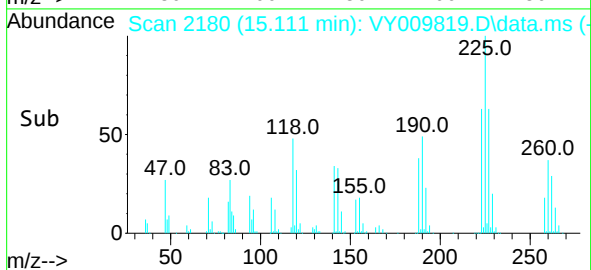
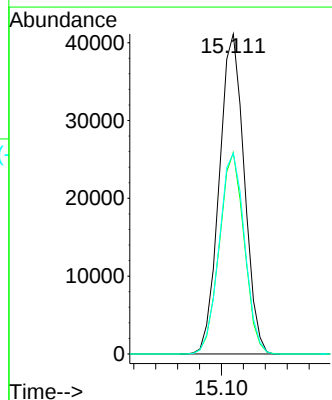
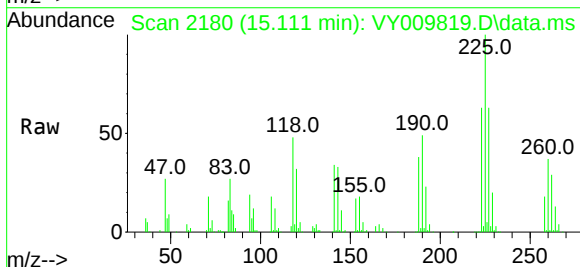
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

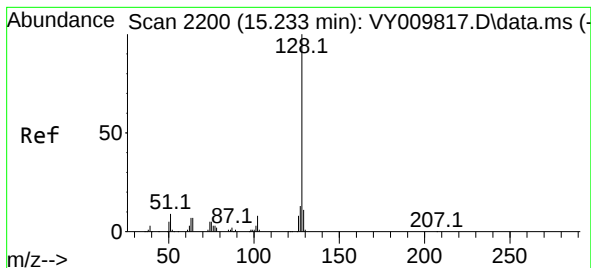
Tgt Ion:180 Resp: 125619
Ion Ratio Lower Upper
180 100
182 94.1 46.8 140.3
145 30.2 15.7 47.0



#94
Hexachlorobutadiene
Concen: 148.827 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY009819.D
Acq: 03 Aug 2022 14:24

Tgt Ion:225 Resp: 65052
Ion Ratio Lower Upper
225 100
223 62.5 29.4 88.3
227 64.0 31.9 95.7





#95

Naphthalene

Concen: 192.620 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

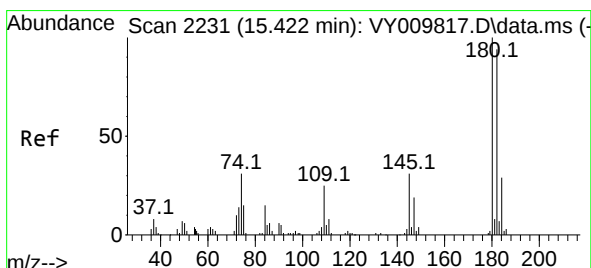
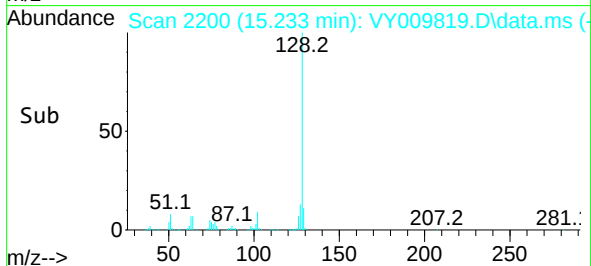
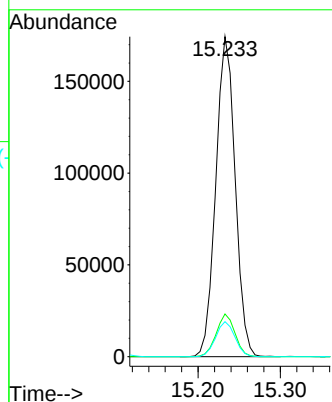
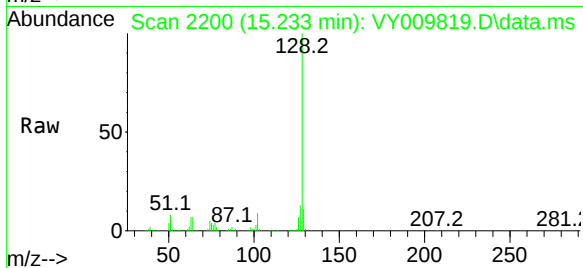
Tgt Ion:128 Resp: 285373

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 166.021 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY009819.D

Acq: 03 Aug 2022 14:24

Tgt Ion:180 Resp: 109579

Ion Ratio Lower Upper

180 100

182 95.6 47.2 141.6

145 32.8 15.2 45.6

