

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
 Data File : VY018922.D
 Acq On : 25 Jul 2024 20:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 26 03:03:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	95968	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.710	114	146225	50.000	ug/l	0.03
63) Chlorobenzene-d5	11.563	117	126354	50.000	ug/l	0.08
72) 1,4-Dichlorobenzene-d4	13.538	152	66970	50.000	ug/l	0.12

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	42529	45.035	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.080%
35) Dibromofluoromethane	7.722	113	42863	46.802	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.600%
50) Toluene-d8	10.228	98	147107	42.397	ug/l	0.05
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.800%
62) 4-Bromofluorobenzene	12.575	95	52579	44.373	ug/l	0.10
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	27661	34.398	ug/l	92
3) Chloromethane	2.101	50	45901	37.562	ug/l	97
4) Vinyl Chloride	2.241	62	55172	38.595	ug/l	99
5) Bromomethane	2.631	94	41418	42.122	ug/l	98
6) Chloroethane	2.772	64	38121	41.047	ug/l	93
7) Trichlorofluoromethane	3.101	101	82948	44.405	ug/l	98
8) Diethyl Ether	3.503	74	22003	48.328	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.875	101	42598	44.447	ug/l	94
10) Methyl Iodide	4.058	142	48434	46.930	ug/l	94
11) Tert butyl alcohol	4.918	59	18017	188.339	ug/l #	80
12) 1,1-Dichloroethene	3.845	96	40517	43.700	ug/l	97
13) Acrolein	3.704	56	7255	94.659	ug/l	98
14) Allyl chloride	4.448	41	50917	44.328	ug/l	94
15) Acrylonitrile	5.131	53	50052	278.672	ug/l	99
16) Acetone	3.924	43	40939	235.145	ug/l	89
17) Carbon Disulfide	4.168	76	102927	39.646	ug/l	99
18) Methyl Acetate	4.442	43	28653	56.641	ug/l	100
19) Methyl tert-butyl Ether	5.192	73	107467	49.965	ug/l	98
20) Methylene Chloride	4.686	84	64827	67.485	ug/l	95
21) trans-1,2-Dichloroethene	5.186	96	43582	44.536	ug/l	98
22) Diisopropyl ether	6.094	45	114023	45.635	ug/l	94
23) Vinyl Acetate	6.033	43	474793	241.200	ug/l	100
24) 1,1-Dichloroethane	5.984	63	72575	45.493	ug/l	98
25) 2-Butanone	6.972	43	64591	264.672	ug/l	96
26) 2,2-Dichloropropane	6.972	77	60684	40.997	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	51570	45.265	ug/l	96
28) Bromochloromethane	7.332	49	32068	50.049	ug/l	99
29) Tetrahydrofuran	7.344	42	39987	267.271	ug/l	95
30) Chloroform	7.508	83	83737	47.098	ug/l	100
31) Cyclohexane	7.789	56	55940	38.558	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	74633	45.142	ug/l	97
36) 1,1-Dichloropropene	7.923	75	53809	42.574	ug/l	97
37) Ethyl Acetate	7.070	43	27711	52.748	ug/l	97
38) Carbon Tetrachloride	7.905	117	69945	45.948	ug/l	98
39) Methylcyclohexane	9.216	83	68247	42.136	ug/l	99
40) Benzene	8.173	78	166643	45.451	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	16424m	54.835	ug/l	
42) 1,2-Dichloroethane	8.252	62	50576	49.269	ug/l	95
43) Isopropyl Acetate	8.289	43	52912	50.617	ug/l	93
44) Trichloroethene	8.966	130	50370	48.061	ug/l	93
45) 1,2-Dichloropropane	9.246	63	38511	48.235	ug/l	93
46) Dibromomethane	9.337	93	26665	51.525	ug/l	95
47) Bromodichloromethane	9.533	83	65734	50.845	ug/l	99
48) Methyl methacrylate	9.325	41	24547	51.662	ug/l #	86
49) 1,4-Dioxane	9.331	88	6815	1123.395	ug/l #	88
51) 4-Methyl-2-Pentanone	10.118	43	146750	274.962	ug/l	94
52) Toluene	10.295	92	106534	43.717	ug/l	99
53) t-1,3-Dichloropropene	10.520	75	53758	48.160	ug/l	96
54) cis-1,3-Dichloropropene	9.971	75	61824	47.211	ug/l #	90
55) 1,1,2-Trichloroethane	10.697	97	34356	52.425	ug/l	97
56) Ethyl methacrylate	10.563	69	45441	52.668	ug/l #	88
57) 1,3-Dichloropropane	10.849	76	54549	50.213	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.825	63	115874	281.111	ug/l	94
59) 2-Hexanone	10.892	43	101000	270.501	ug/l	89
60) Dibromochloromethane	11.044	129	46379	51.508	ug/l	99
61) 1,2-Dibromoethane	11.148	107	33952	53.291	ug/l	94
64) Tetrachloroethene	10.776	164	49769	48.662	ug/l	96
65) Chlorobenzene	11.587	112	128398	48.171	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.666	131	46641	50.788	ug/l	96
67) Ethyl Benzene	11.666	91	212396	45.487	ug/l	99
68) m/p-Xylenes	11.776	106	168075m	91.726	ug/l	
69) o-Xylene	12.111	106	81465	47.289	ug/l	99
70) Styrene	12.124	104	138243	48.095	ug/l	97
71) Bromoform	12.288	173	29334	58.601	ug/l #	95
73) Isopropylbenzene	12.416	105	207938	42.425	ug/l	98
74) N-amyl acetate	12.227	43	46242	46.133	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.672	83	37208	48.155	ug/l	98
76) 1,2,3-Trichloropropane	12.727	75	24384m	46.488	ug/l	
77) Bromobenzene	12.703	156	52631	44.980	ug/l	93
78) n-propylbenzene	12.770	91	244212	41.958	ug/l	96
79) 2-Chlorotoluene	12.855	91	141638	43.278	ug/l	98
80) 1,3,5-Trimethylbenzene	12.910	105	168516	42.020	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.471	75	10730m	45.783	ug/l	
82) 4-Chlorotoluene	12.855	91	141638	42.029	ug/l	97
83) tert-Butylbenzene	13.178	119	157636	42.576	ug/l	95
84) 1,2,4-Trimethylbenzene	13.227	105	166846	41.867	ug/l	96
85) sec-Butylbenzene	13.361	105	223626	42.552	ug/l	95
86) p-Isopropyltoluene	13.483	119	194628	42.899	ug/l	95
87) 1,3-Dichlorobenzene	13.477	146	101085	43.986	ug/l	98
88) 1,4-Dichlorobenzene	13.556	146	100042m	43.922	ug/l	
89) n-Butylbenzene	13.818	91	168037	40.854	ug/l	97
90) Hexachloroethane	14.087	117	35999	42.665	ug/l	90
91) 1,2-Dichlorobenzene	13.855	146	90953	45.817	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.489	75	6367	50.854	ug/l	96
93) 1,2,4-Trichlorobenzene	15.166	180	55548	45.839	ug/l	97
94) Hexachlorobutadiene	15.275	225	31509	45.110	ug/l	97
95) Naphthalene	15.403	128	100245	48.221	ug/l	99
96) 1,2,3-Trichlorobenzene	15.599	180	48414	46.693	ug/l	98

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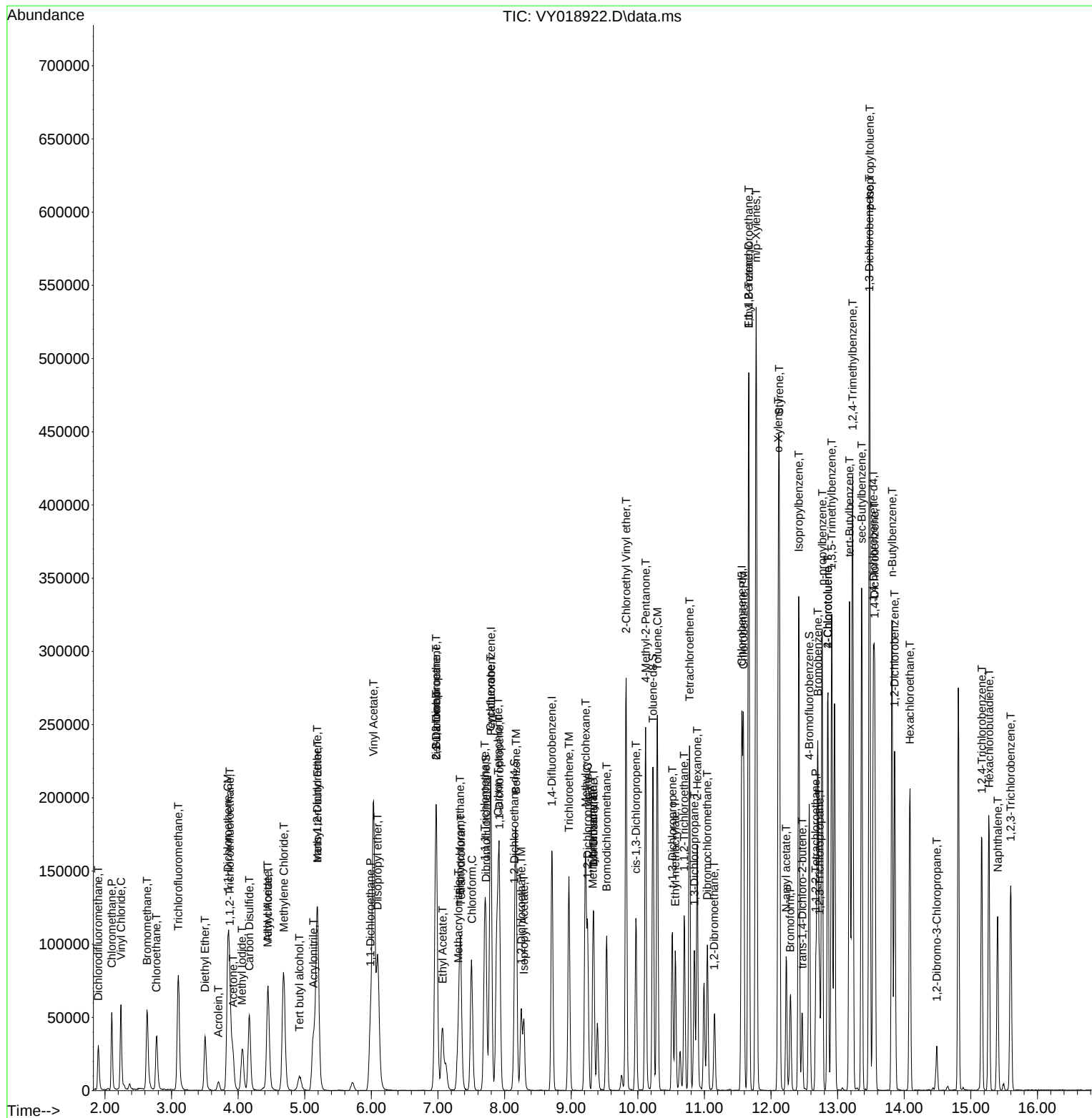
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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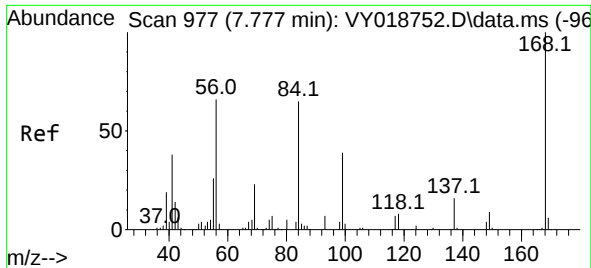
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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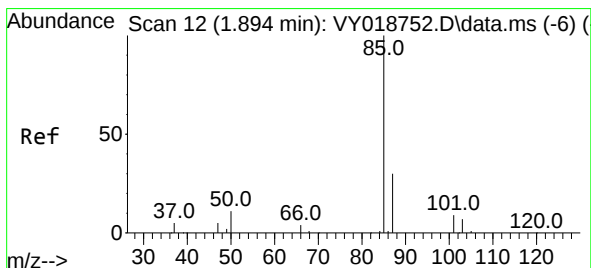
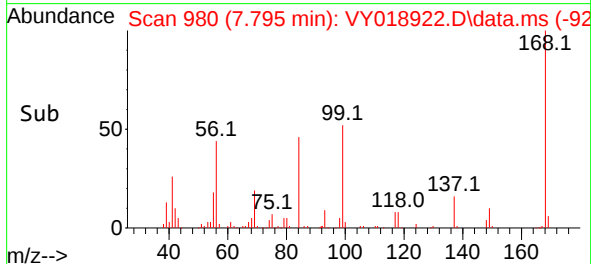
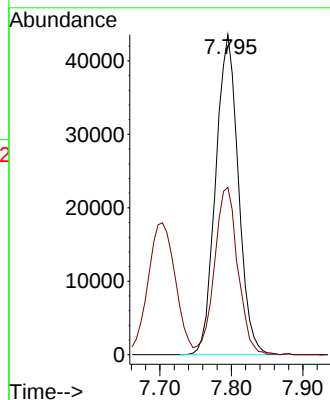
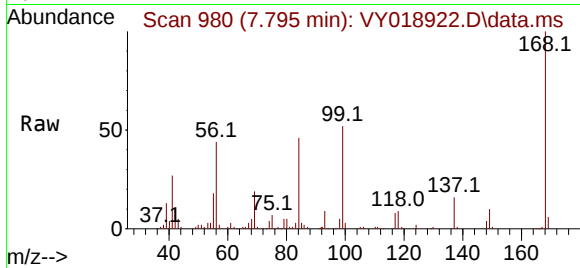




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.018 min
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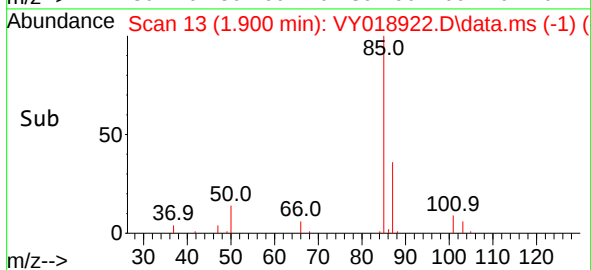
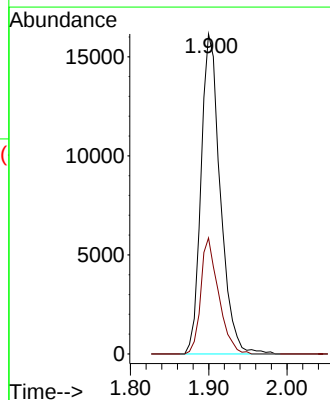
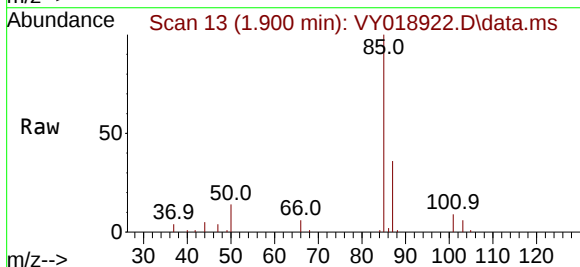
Instrument :
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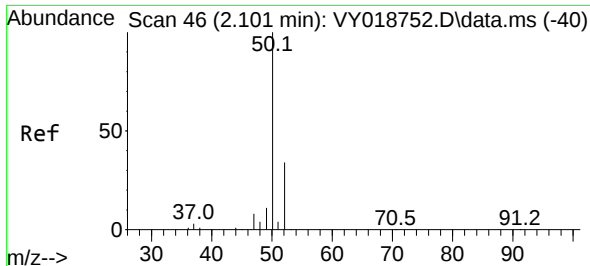
Tgt Ion:168 Resp: 95968
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 34.398 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion: 85 Resp: 27661
Ion Ratio Lower Upper
85 100
87 36.2 16.0 48.0

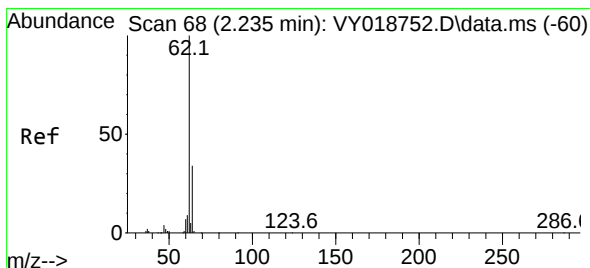
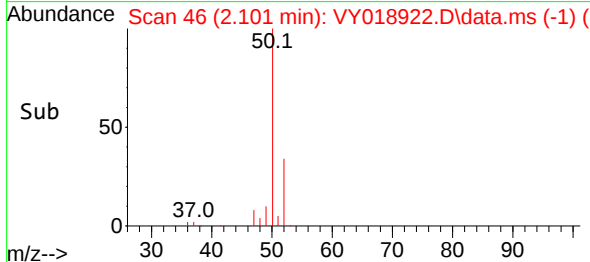
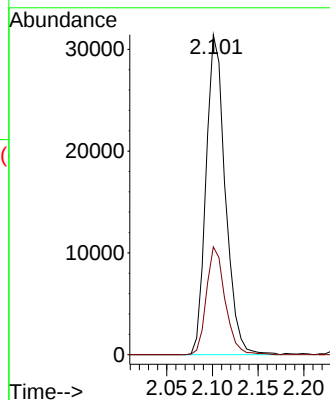
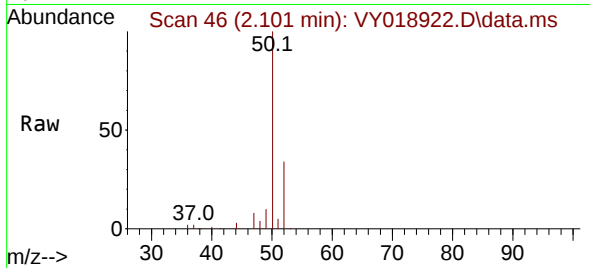




#3
Chloromethane
Concen: 37.562 ug/l
RT: 2.101 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

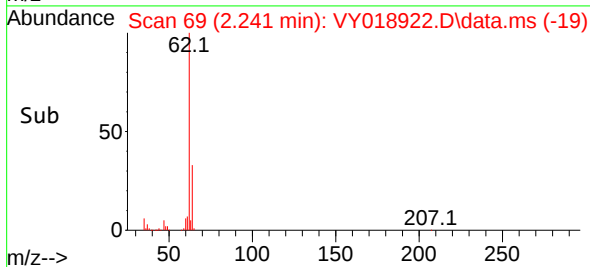
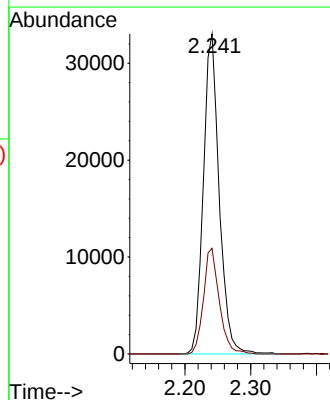
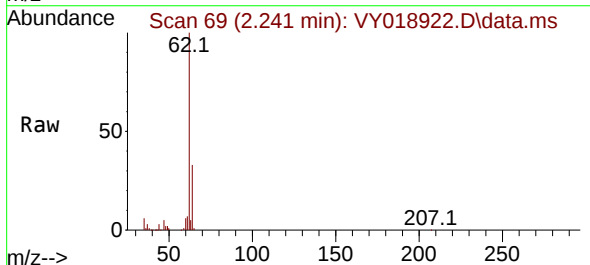
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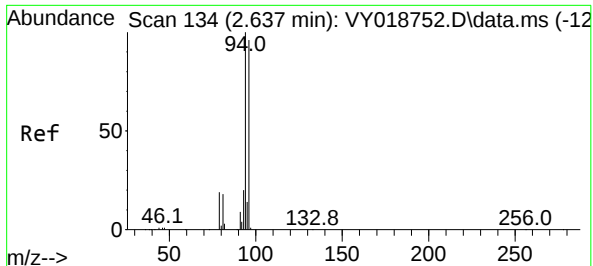
Tgt Ion: 50 Resp: 45901
Ion Ratio Lower Upper
50 100
52 33.7 25.6 38.4



#4
Vinyl Chloride
Concen: 38.595 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.006 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion: 62 Resp: 55172
Ion Ratio Lower Upper
62 100
64 33.0 26.1 39.1

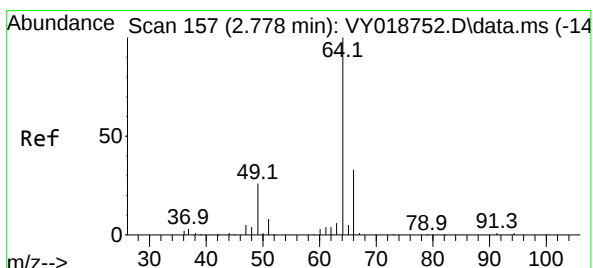
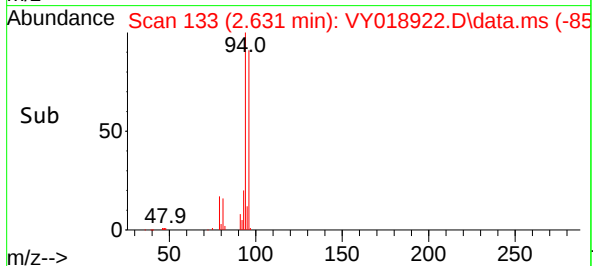
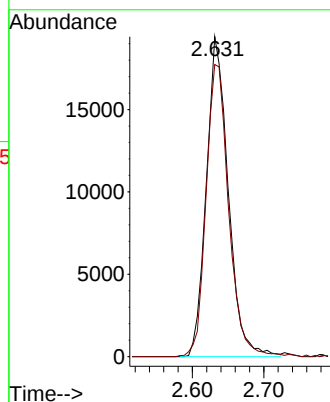
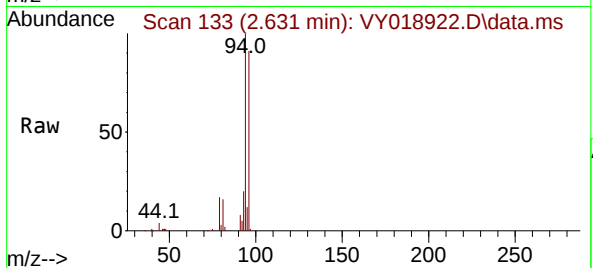




#5
Bromomethane
Concen: 42.122 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018922.D
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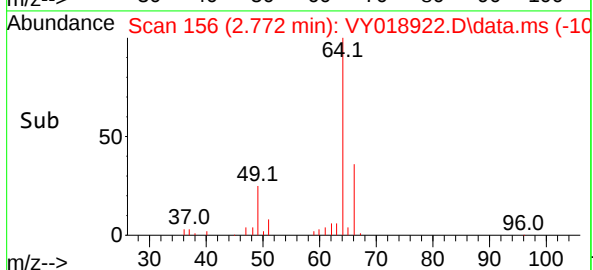
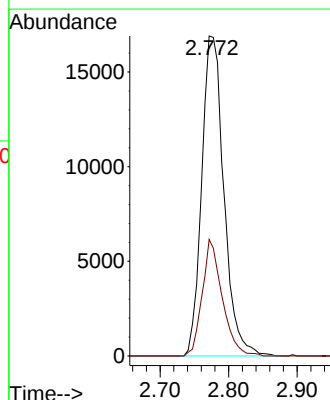
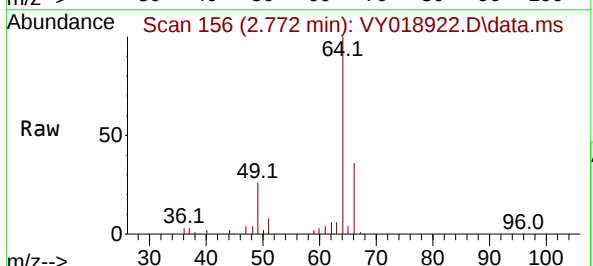
Instrument :
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Tgt Ion: 94 Resp: 41418
Ion Ratio Lower Upper
94 100
96 90.9 74.1 111.1



#6
Chloroethane
Concen: 41.047 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.006 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion: 64 Resp: 38121
Ion Ratio Lower Upper
64 100
66 36.4 26.1 39.1

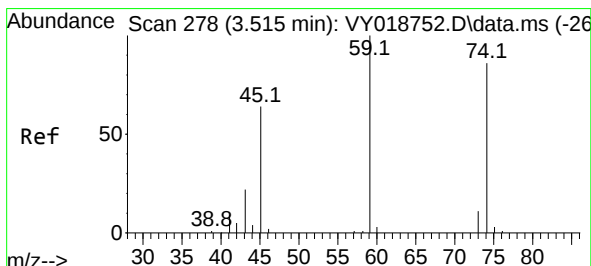
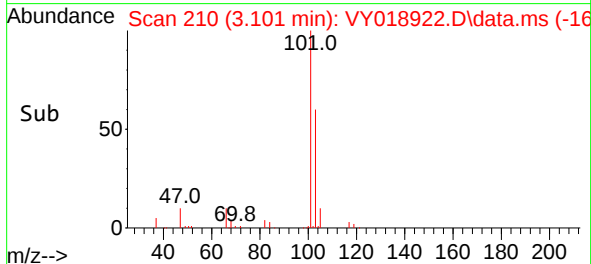
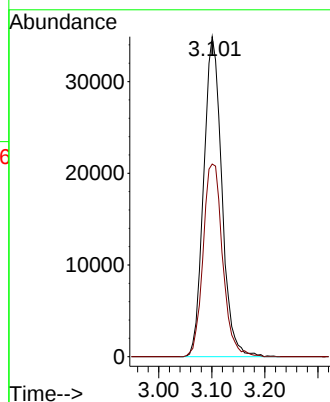
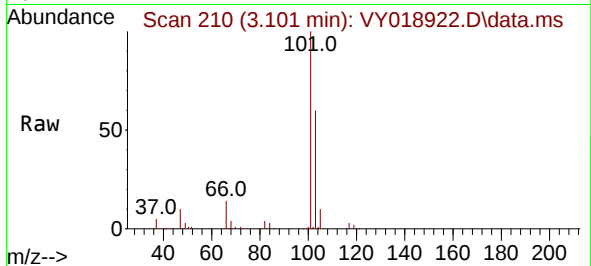




#7
 Trichlorofluoromethane
 Concen: 44.405 ug/l
 RT: 3.101 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VY018922.D
 Acq: 25 Jul 2024 20:34

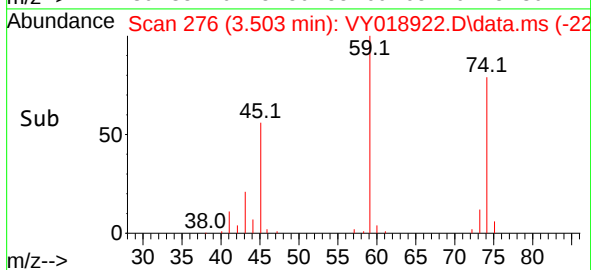
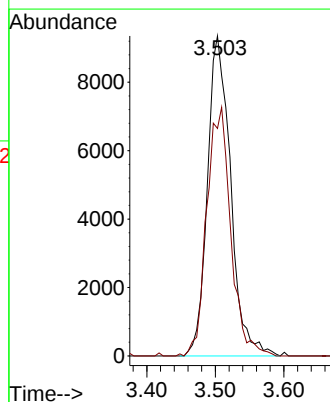
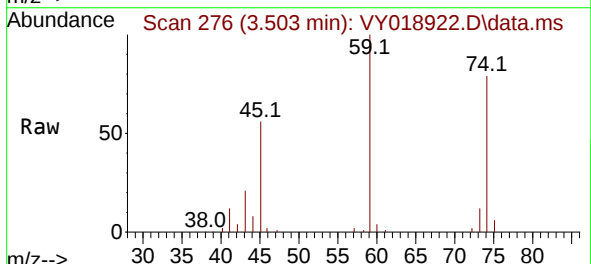
Instrument :
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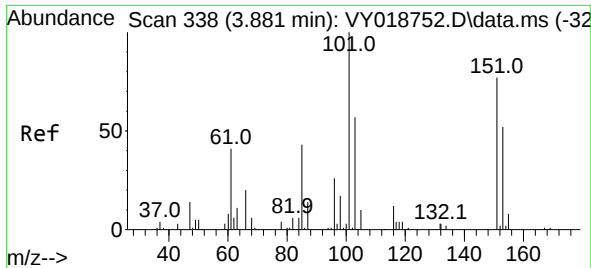
Tgt Ion:101 Resp: 82948
 Ion Ratio Lower Upper
 101 100
 103 60.2 49.3 73.9



#8
 Diethyl Ether
 Concen: 48.328 ug/l
 RT: 3.503 min Scan# 276
 Delta R.T. -0.012 min
 Lab File: VY018922.D
 Acq: 25 Jul 2024 20:34

Tgt Ion: 74 Resp: 22003
 Ion Ratio Lower Upper
 74 100
 45 80.7 41.3 124.1

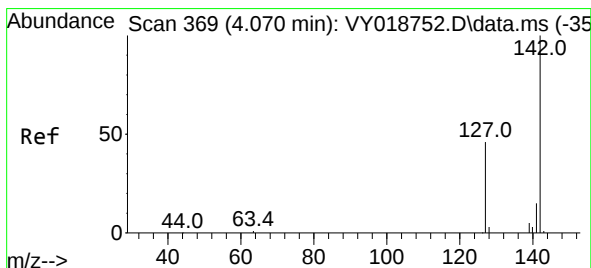
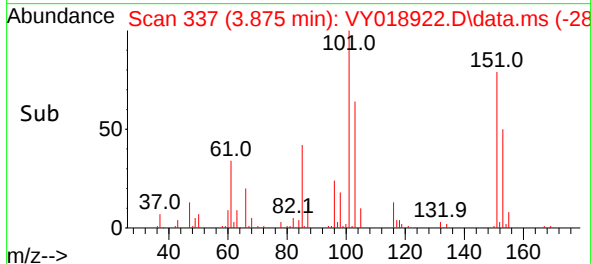
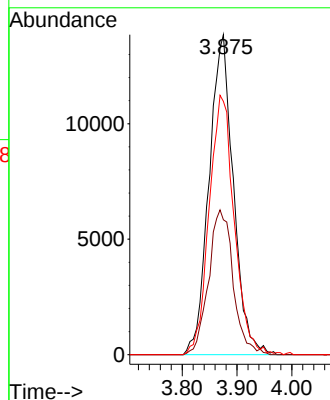
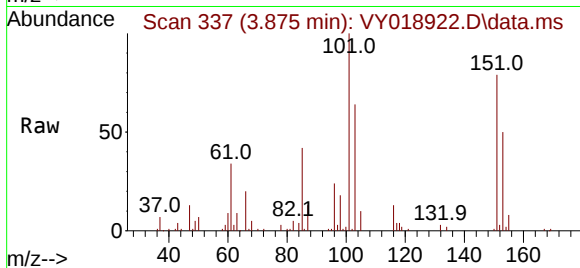




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.447 ug/l
RT: 3.875 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

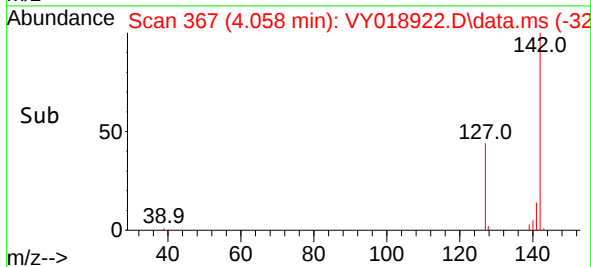
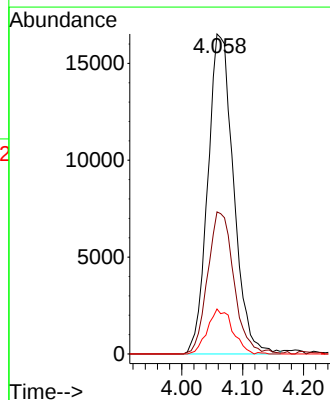
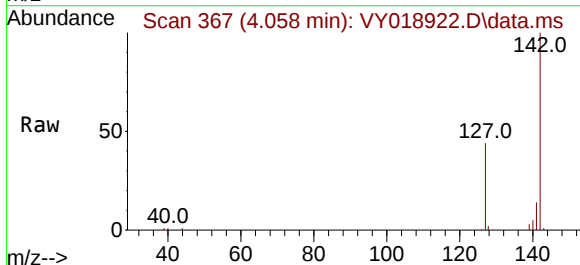
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

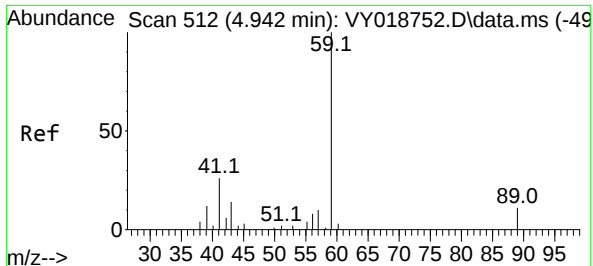
Tgt Ion:101 Resp: 42598
Ion Ratio Lower Upper
101 100
85 45.7 34.5 51.7
151 83.6 61.7 92.5



#10
Methyl Iodide
Concen: 46.930 ug/l
RT: 4.058 min Scan# 367
Delta R.T. -0.012 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion:142 Resp: 48434
Ion Ratio Lower Upper
142 100
127 45.3 32.8 49.2
141 13.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 188.339 ug/l

RT: 4.918 min Scan# 508

Delta R.T. -0.024 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

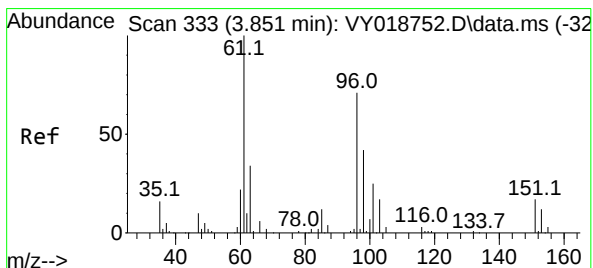
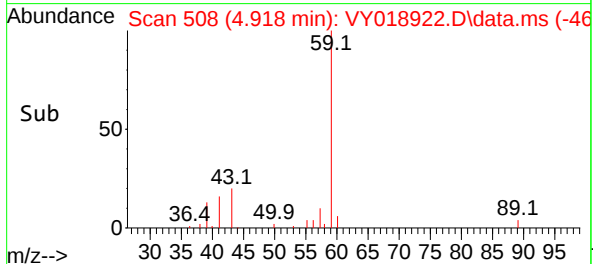
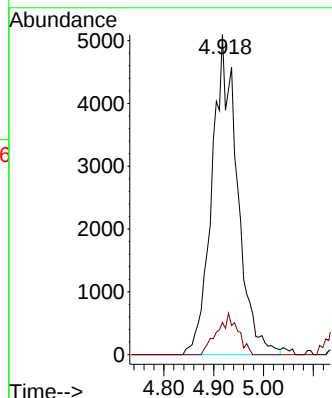
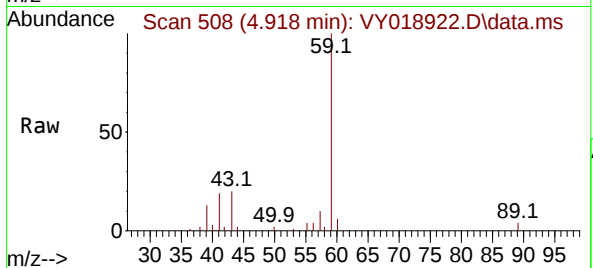
VSTDCCC050EC

Tgt Ion: 59 Resp: 18017

Ion Ratio Lower Upper

59 100

57 10.5 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 43.700 ug/l

RT: 3.845 min Scan# 332

Delta R.T. -0.006 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

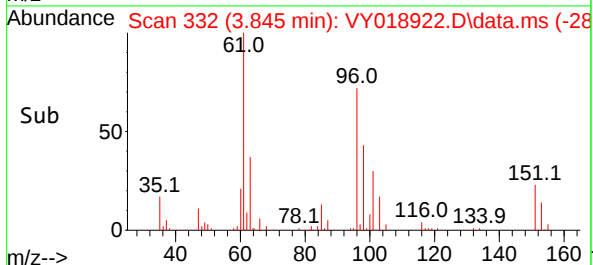
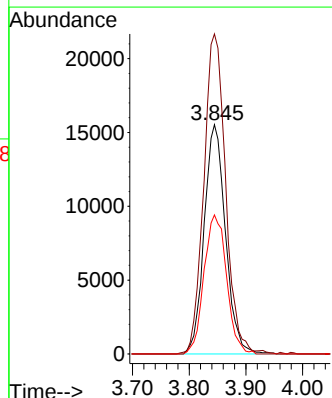
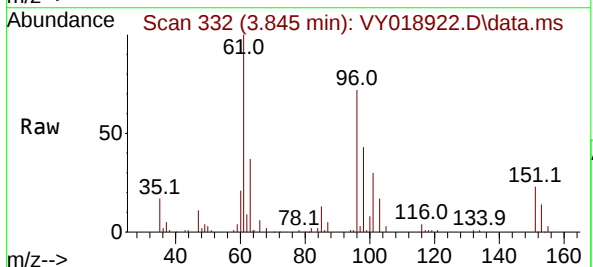
Tgt Ion: 96 Resp: 40517

Ion Ratio Lower Upper

96 100

61 139.1 114.6 171.8

98 60.7 50.8 76.2





#13

Acrolein

Concen: 94.659 ug/l

RT: 3.704 min Scan# 309

Delta R.T. -0.012 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

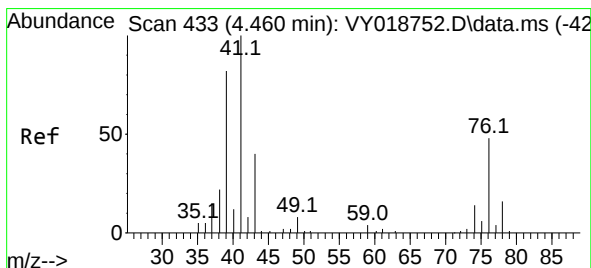
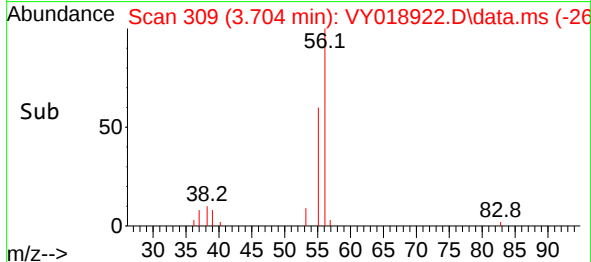
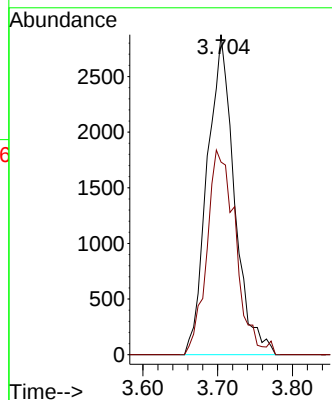
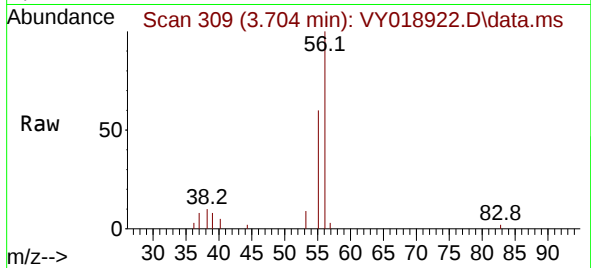
VSTDCCC050EC

Tgt Ion: 56 Resp: 7255

Ion Ratio Lower Upper

56 100

55 68.2 55.7 83.5



#14

Allyl chloride

Concen: 44.328 ug/l

RT: 4.448 min Scan# 431

Delta R.T. -0.012 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

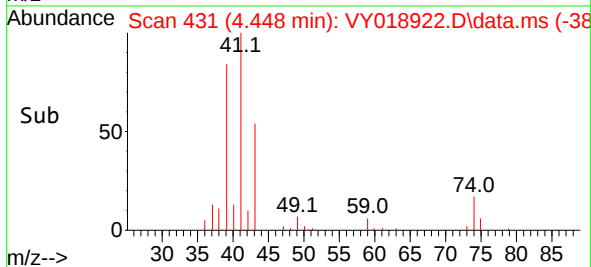
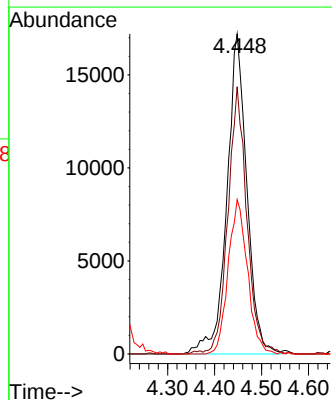
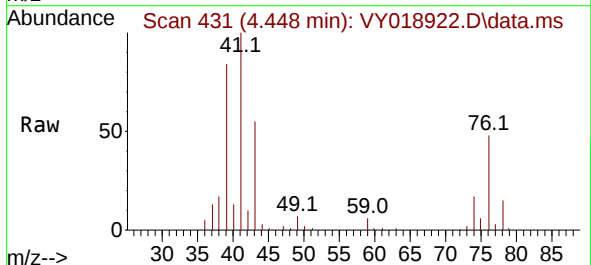
Tgt Ion: 41 Resp: 50917

Ion Ratio Lower Upper

41 100

39 79.0 58.3 87.5

76 46.4 39.0 58.6

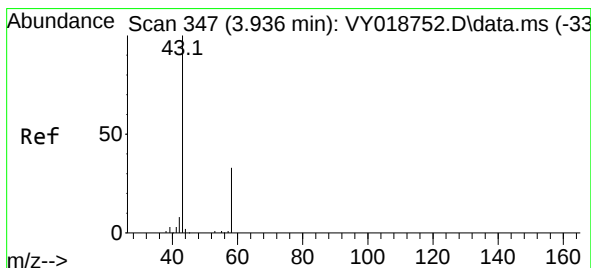
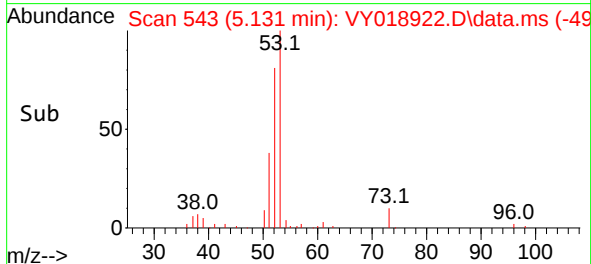
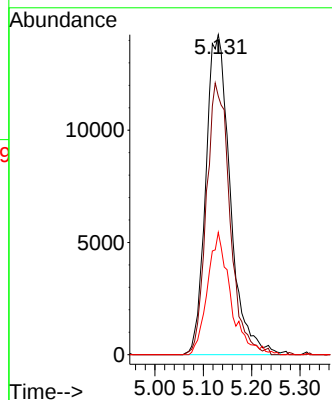
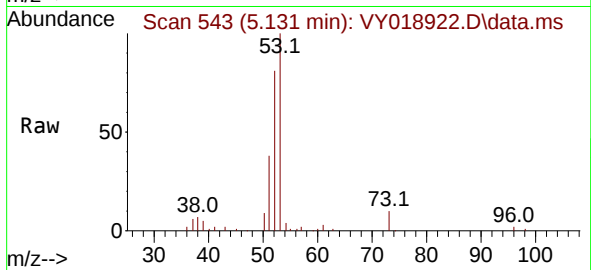




#15
Acrylonitrile
Concen: 278.672 ug/l
RT: 5.131 min Scan# 544
Delta R.T. -0.006 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

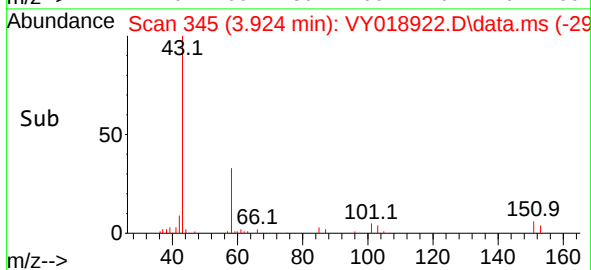
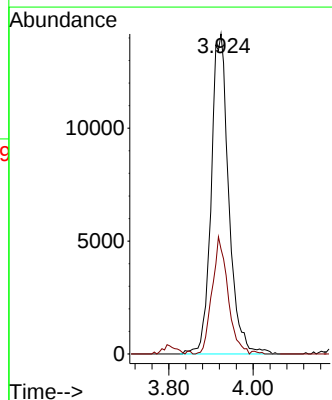
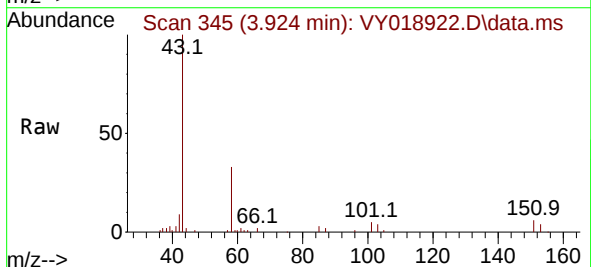
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

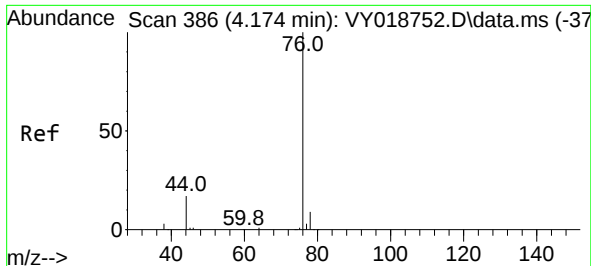
Tgt Ion:	53	Resp:	50052
Ion	Ratio	Lower	Upper
53	100		
52	81.5	64.7	97.1
51	36.5	28.4	42.6



#16
Acetone
Concen: 235.145 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.012 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion:	43	Resp:	40939
Ion	Ratio	Lower	Upper
43	100		
58	32.8	31.7	47.5





#17

Carbon Disulfide

Concen: 39.646 ug/l

RT: 4.168 min Scan# 3

Delta R.T. -0.006 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

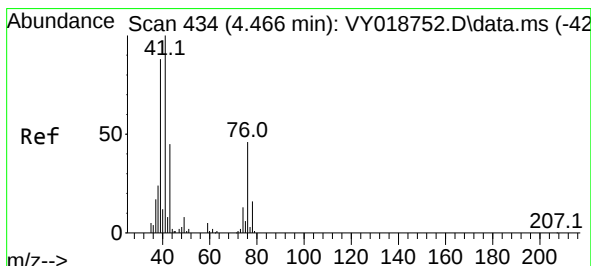
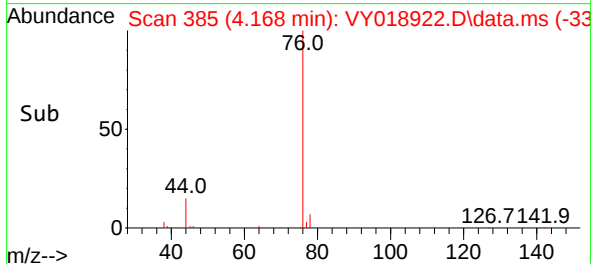
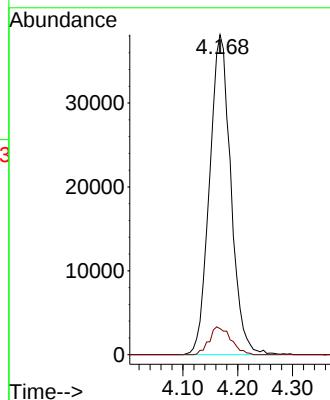
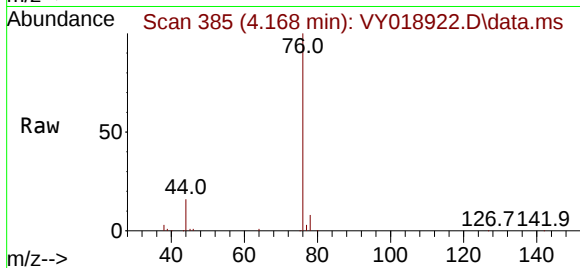
VSTDCCC050EC

Tgt Ion: 76 Resp: 102927

Ion Ratio Lower Upper

76 100

78 8.2 6.8 10.2



#18

Methyl Acetate

Concen: 56.641 ug/l

RT: 4.442 min Scan# 430

Delta R.T. -0.024 min

Lab File: VY018922.D

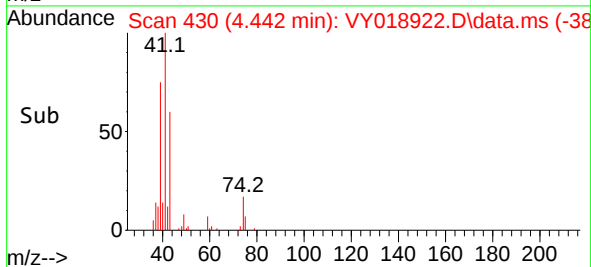
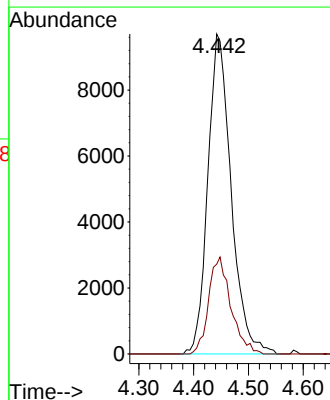
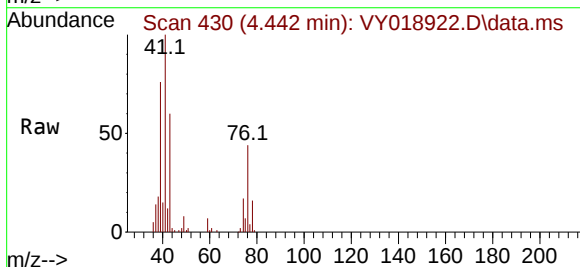
Acq: 25 Jul 2024 20:34

Tgt Ion: 43 Resp: 28653

Ion Ratio Lower Upper

43 100

74 28.9 23.3 34.9

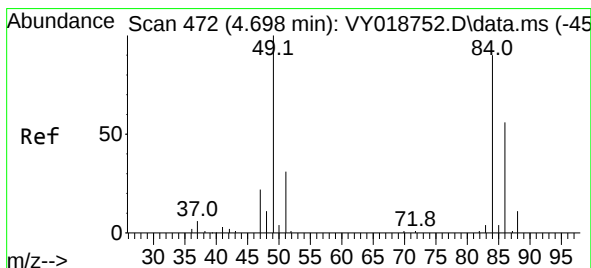
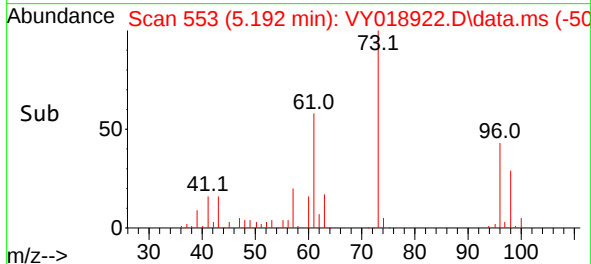
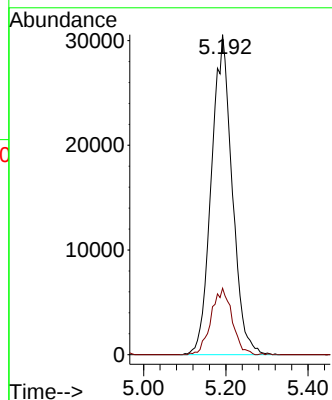
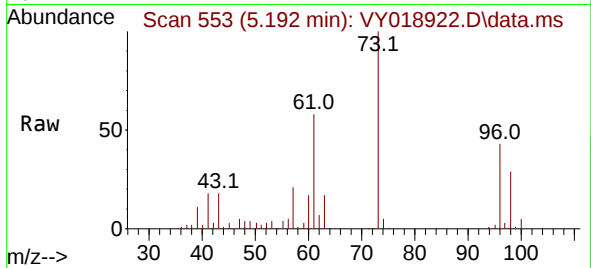




#19
Methyl tert-butyl Ether
Concen: 49.965 ug/l
RT: 5.192 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

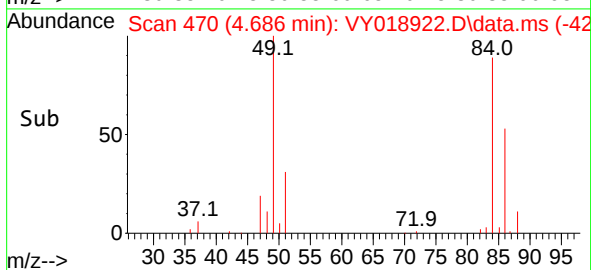
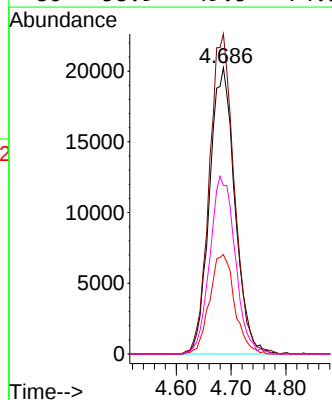
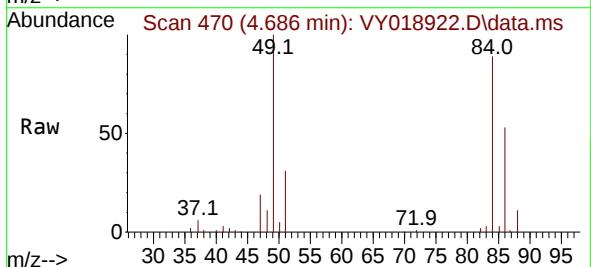
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 107467
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9



#20
Methylene Chloride
Concen: 67.485 ug/l
RT: 4.686 min Scan# 470
Delta R.T. -0.012 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion: 84 Resp: 64827
Ion Ratio Lower Upper
84 100
49 111.8 84.4 126.6
51 34.7 26.0 39.0
86 58.9 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 44.536 ug/l

RT: 5.186 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

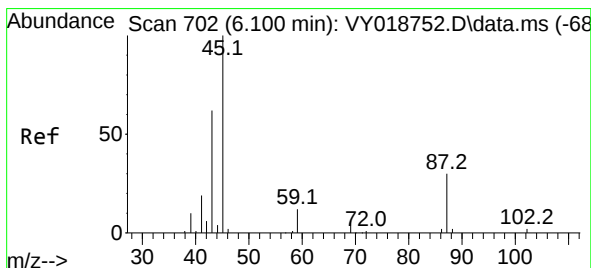
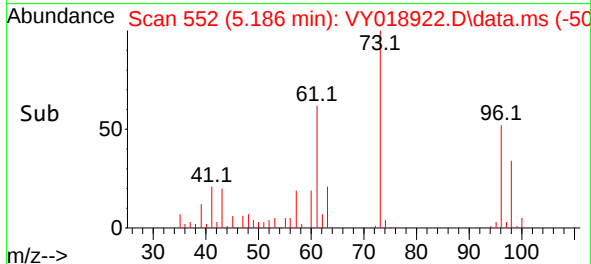
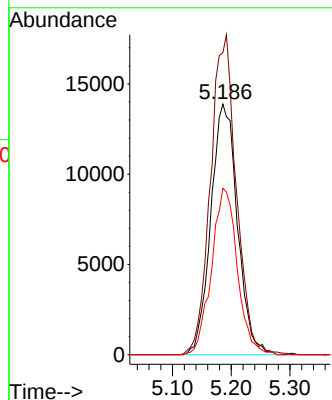
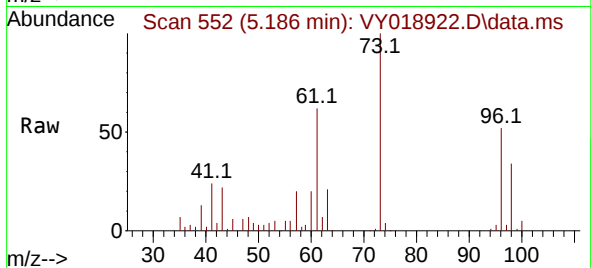
Tgt Ion: 96 Resp: 43582

Ion Ratio Lower Upper

96 100

61 120.6 97.5 146.3

98 66.5 50.5 75.7



#22

Diisopropyl ether

Concen: 45.635 ug/l

RT: 6.094 min Scan# 701

Delta R.T. -0.006 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Tgt Ion: 45 Resp: 114023

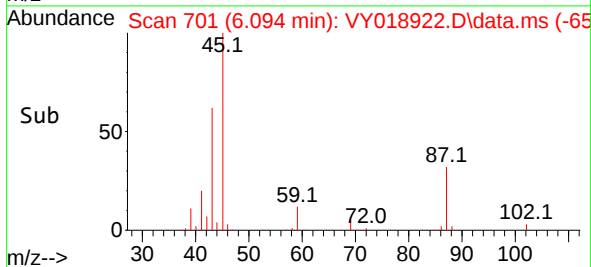
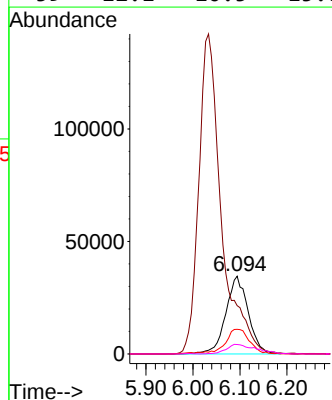
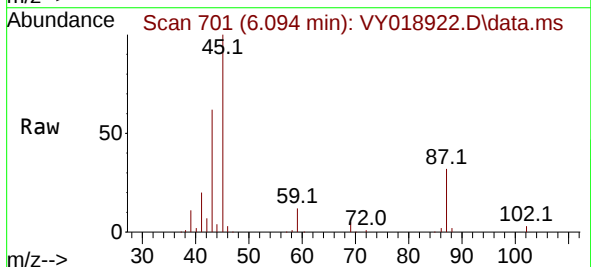
Ion Ratio Lower Upper

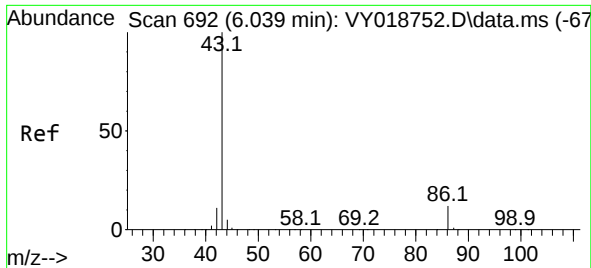
45 100

43 60.7 42.2 63.2

87 31.4 25.0 37.6

59 12.1 10.5 15.7

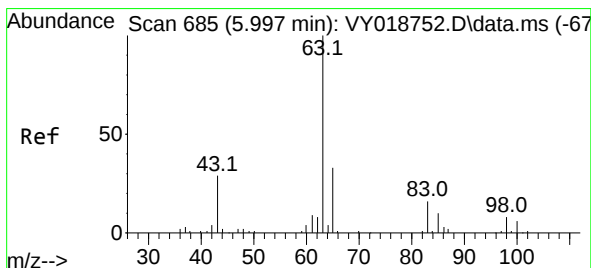
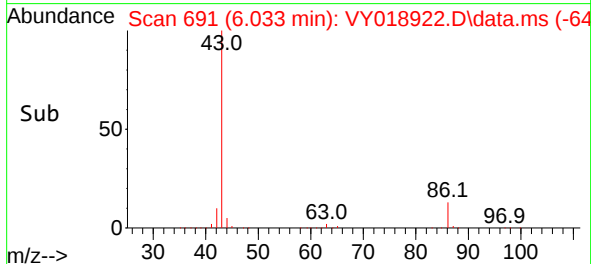
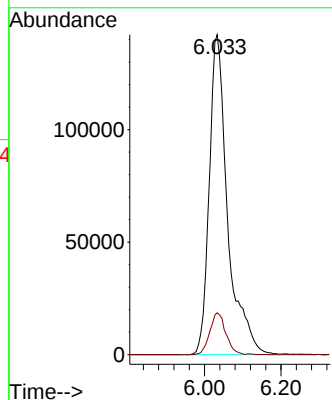
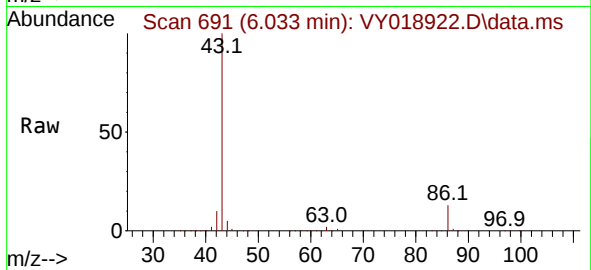




#23
 Vinyl Acetate
 Concen: 241.200 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY018922.D
 Acq: 25 Jul 2024 20:34

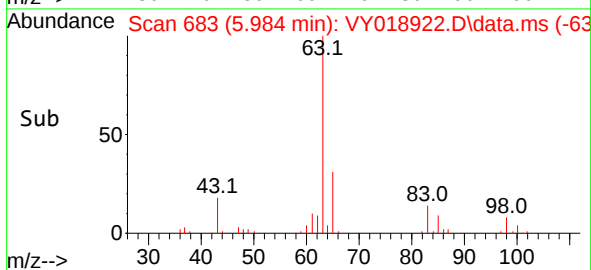
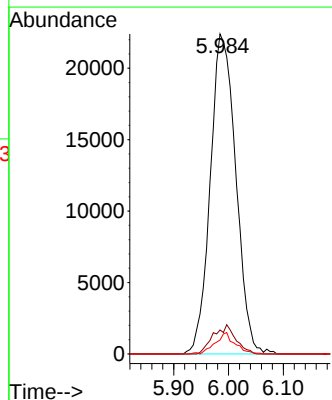
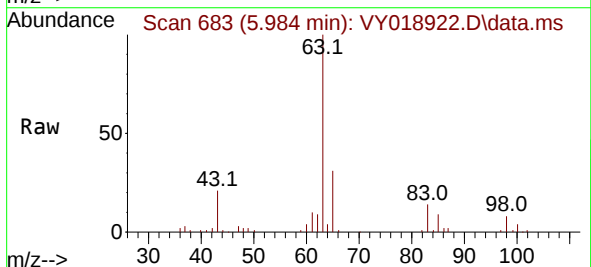
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

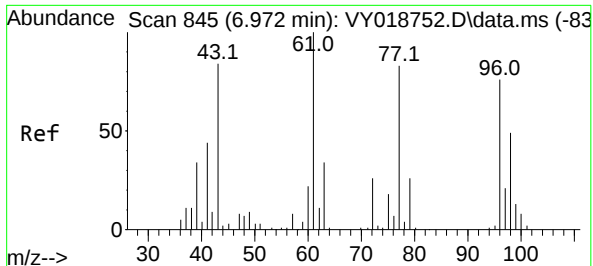
Tgt Ion: 43 Resp: 474793
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 45.493 ug/l
 RT: 5.984 min Scan# 683
 Delta R.T. -0.012 min
 Lab File: VY018922.D
 Acq: 25 Jul 2024 20:34

Tgt Ion: 63 Resp: 72575
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.2
 100 4.3 2.6 8.0

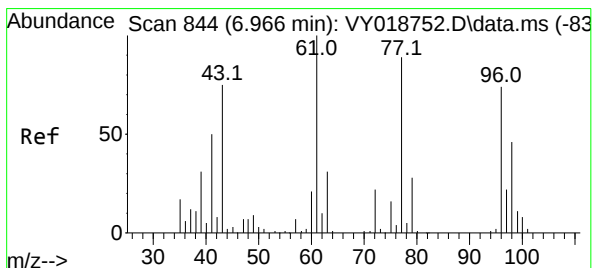
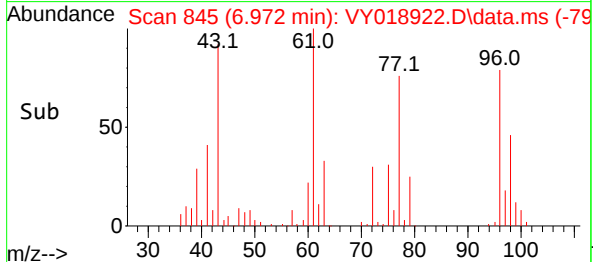
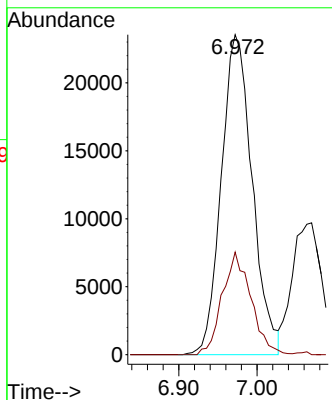
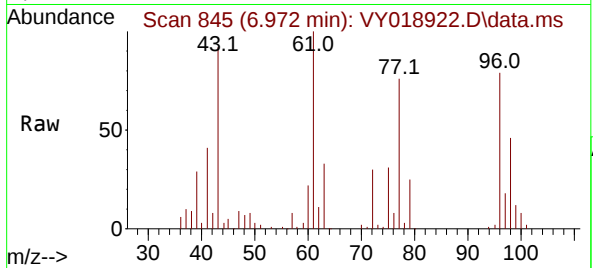




#25
2-Butanone
Concen: 264.672 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

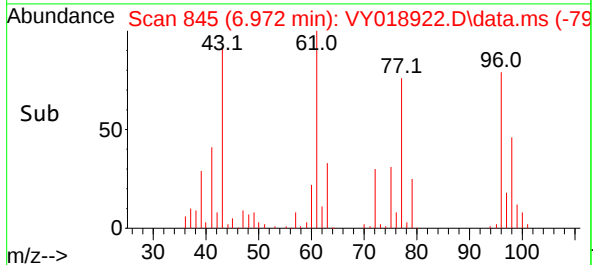
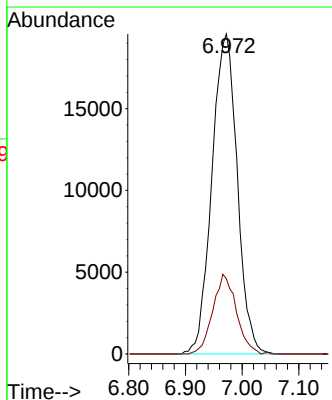
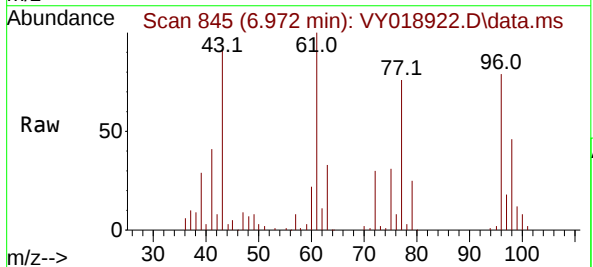
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 64591
Ion Ratio Lower Upper
43 100
72 32.1 27.3 40.9



#26
2,2-Dichloropropane
Concen: 40.997 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion: 77 Resp: 60684
Ion Ratio Lower Upper
77 100
97 23.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 45.265 ug/l

RT: 6.972 min Scan# 844

Delta R.T. 0.006 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

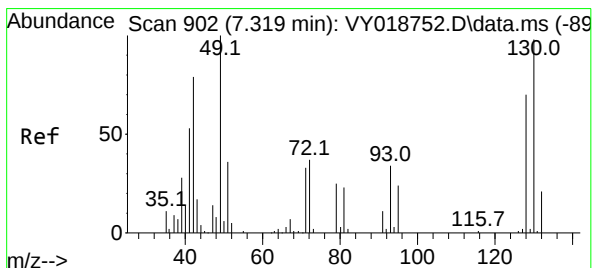
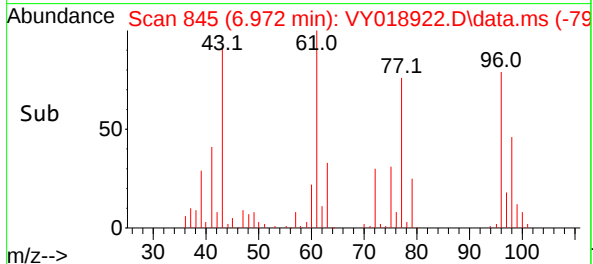
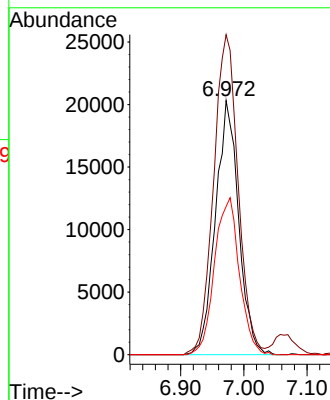
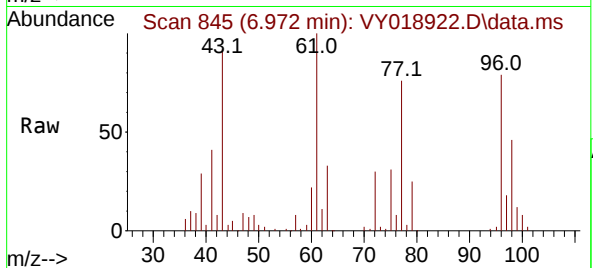
Tgt Ion: 96 Resp: 51570

Ion Ratio Lower Upper

96 100

61 133.5 0.0 256.2

98 66.4 0.0 130.0



#28

Bromochloromethane

Concen: 50.049 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.012 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

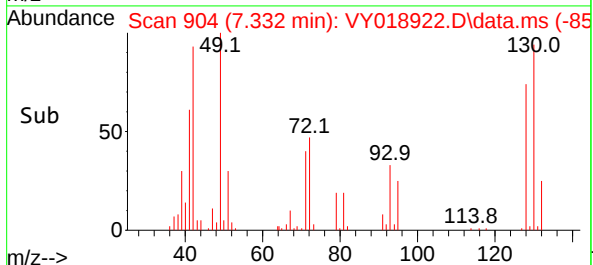
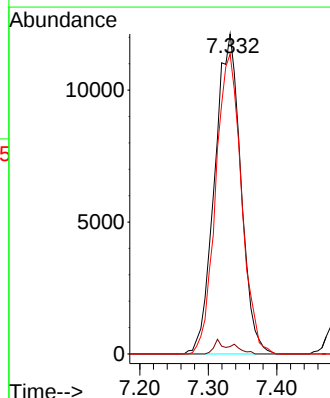
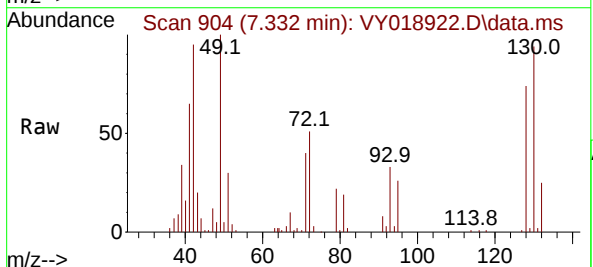
Tgt Ion: 49 Resp: 32068

Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.6

130 92.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 267.271 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

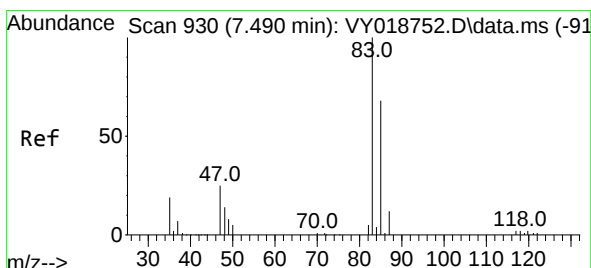
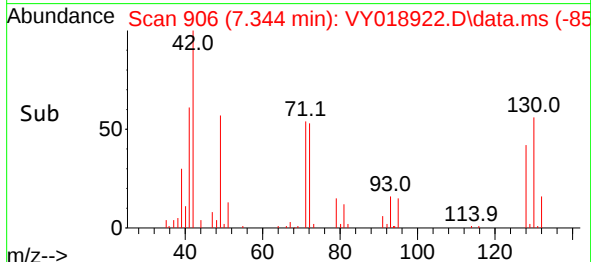
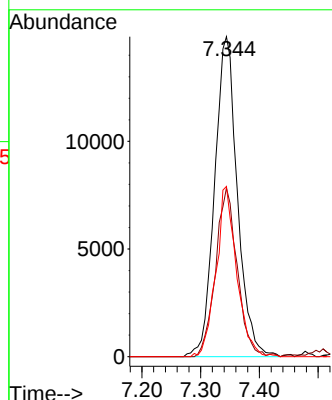
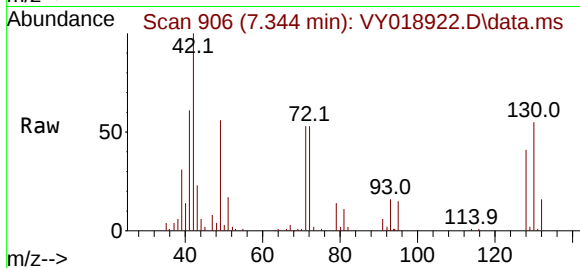
Tgt Ion: 42 Resp: 39987

Ion Ratio Lower Upper

42 100

72 50.0 43.0 64.4

71 48.0 40.8 61.2



#30

Chloroform

Concen: 47.098 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.018 min

Lab File: VY018922.D

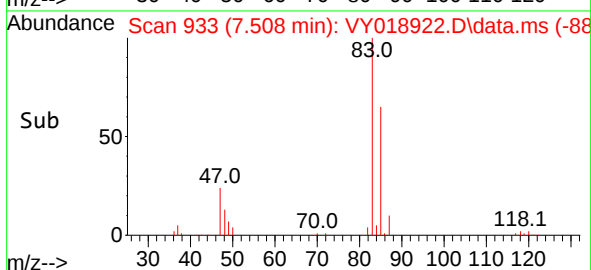
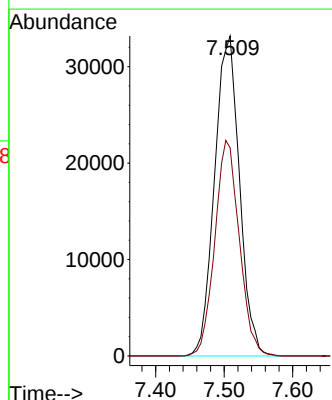
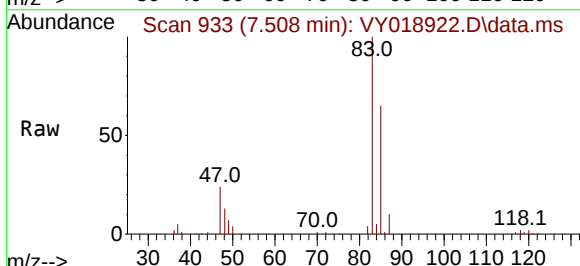
Acq: 25 Jul 2024 20:34

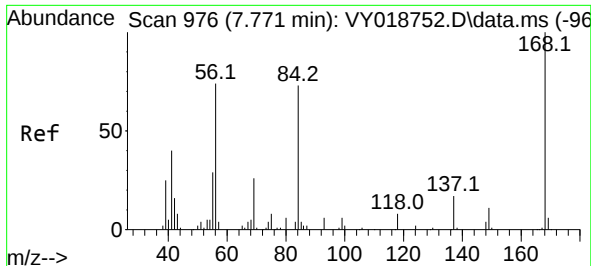
Tgt Ion: 83 Resp: 83737

Ion Ratio Lower Upper

83 100

85 65.0 52.2 78.4

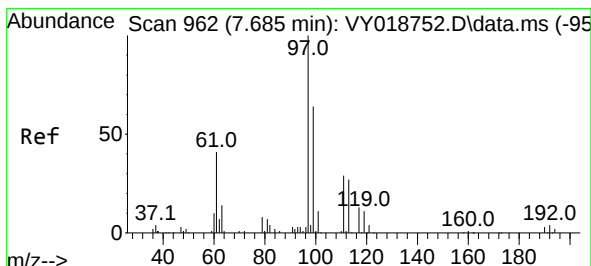
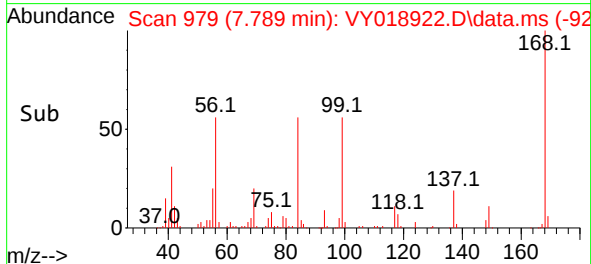
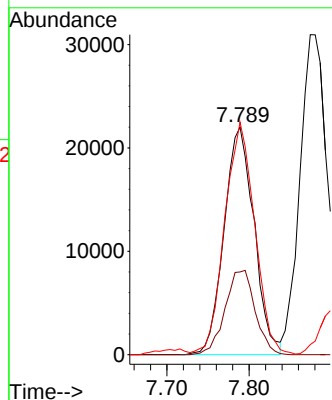
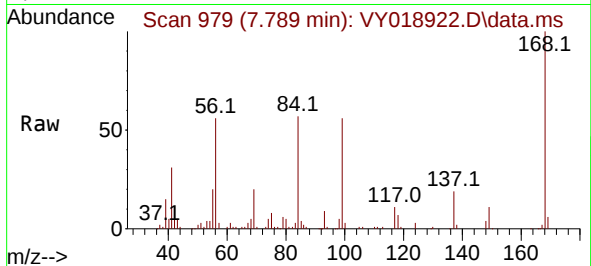




#31
Cyclohexane
Concen: 38.558 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

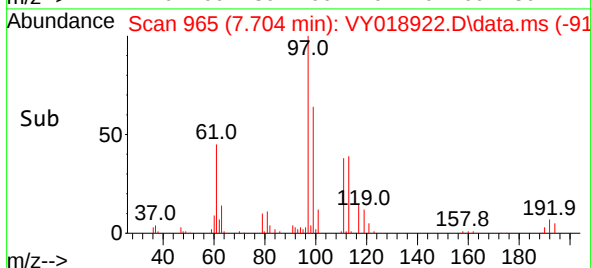
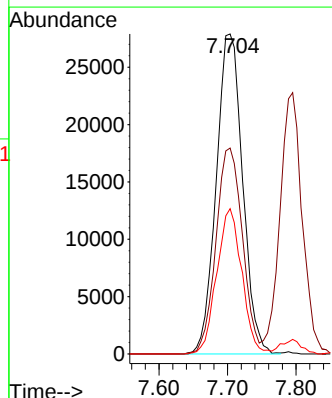
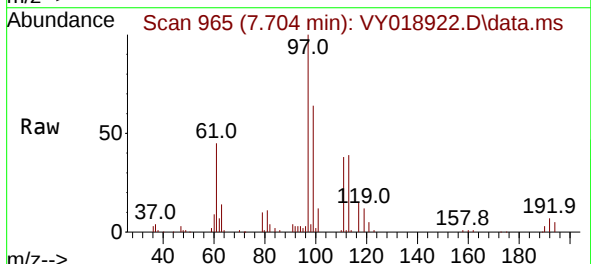
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

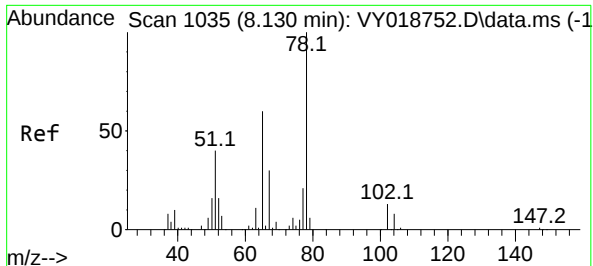
Tgt Ion: 56 Resp: 55940
Ion Ratio Lower Upper
56 100
69 36.3 28.7 43.1
84 99.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 45.142 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.019 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion: 97 Resp: 74633
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 43.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 45.035 ug/l

RT: 8.149 min Scan# 1130

Delta R.T. 0.018 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

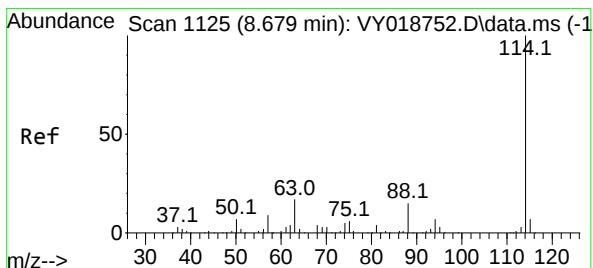
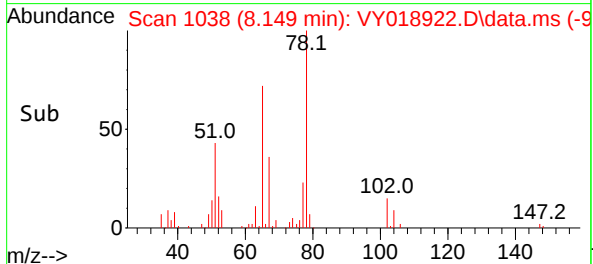
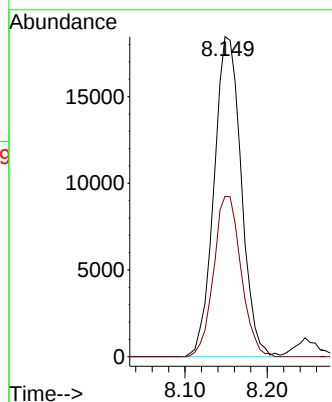
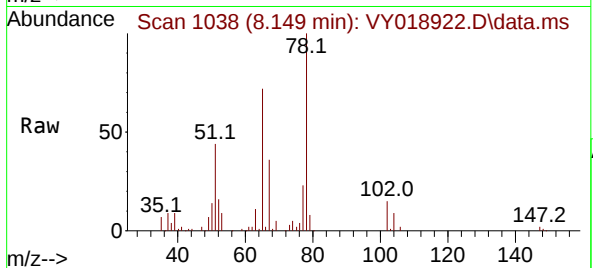
VSTDCCC050EC

Tgt Ion: 65 Resp: 42529

Ion Ratio Lower Upper

65 100

67 50.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.030 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

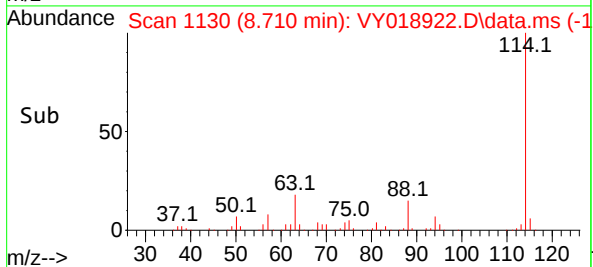
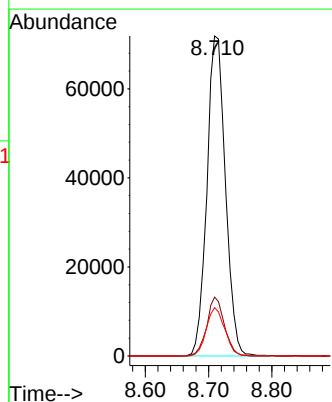
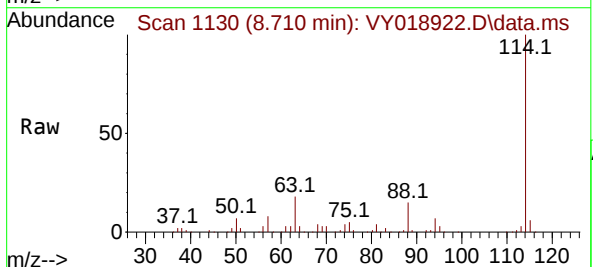
Tgt Ion: 114 Resp: 146225

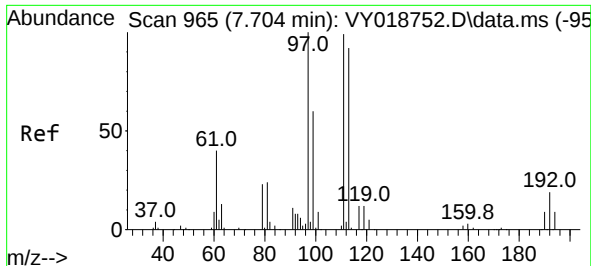
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

88 15.1 0.0 27.2

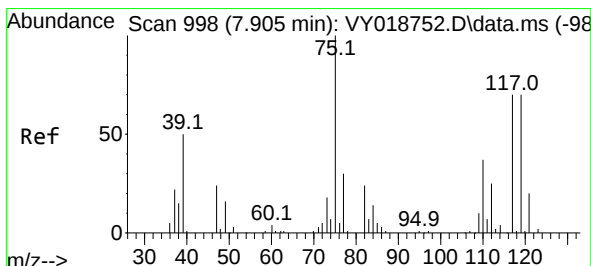
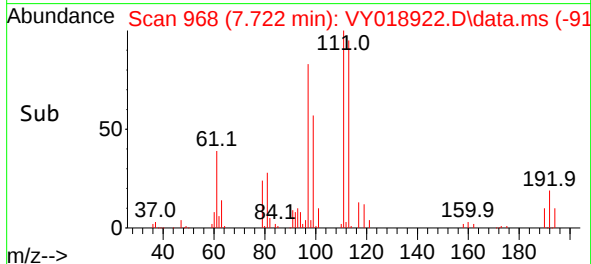
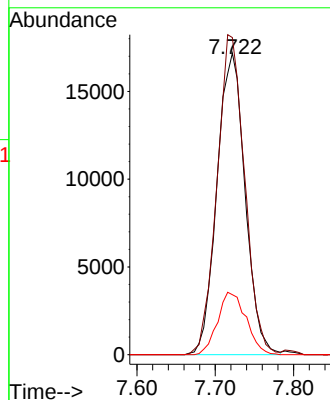
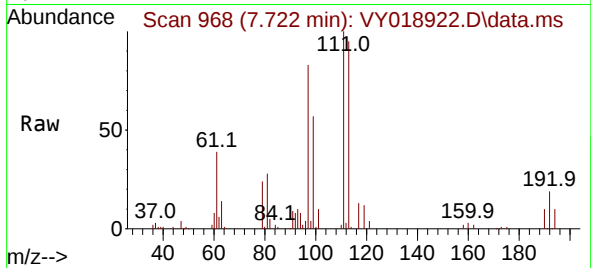




#35
Dibromofluoromethane
Concen: 46.802 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

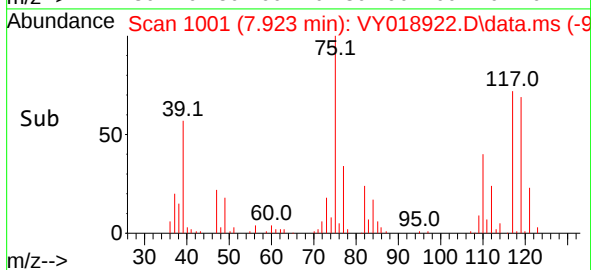
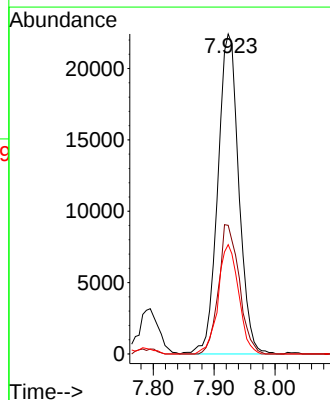
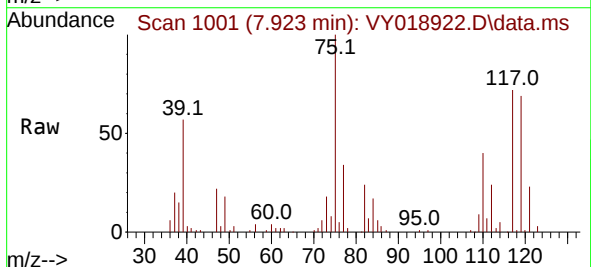
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

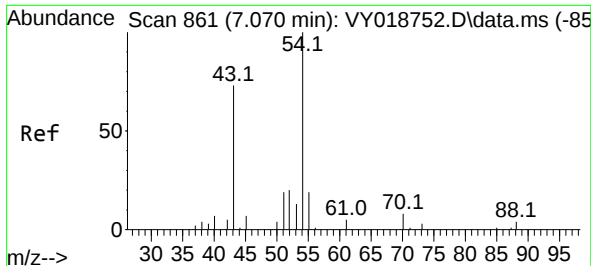
Tgt Ion:113 Resp: 42863
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 21.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 42.574 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.018 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion: 75 Resp: 53809
Ion Ratio Lower Upper
75 100
110 39.8 19.0 57.0
77 33.2 25.3 37.9





#37

Ethyl Acetate

Concen: 52.748 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

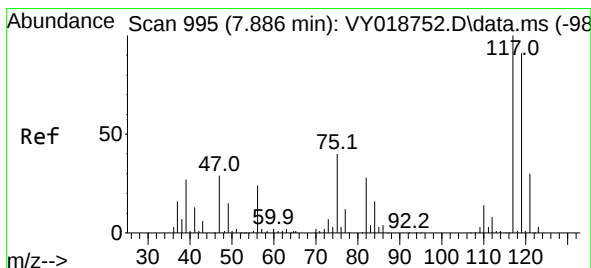
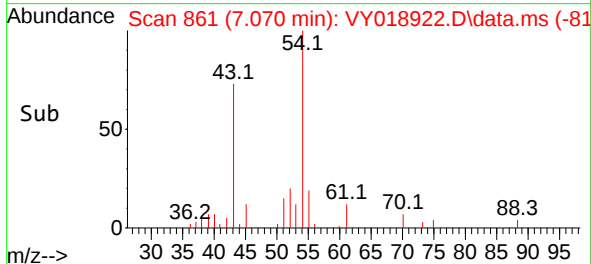
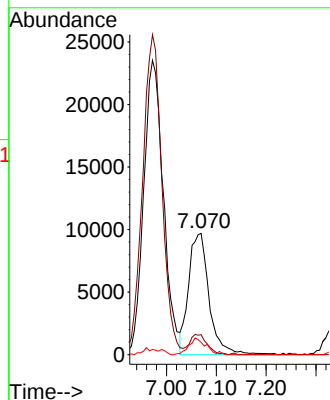
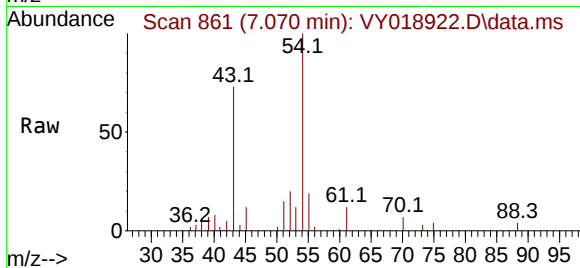
Tgt Ion: 43 Resp: 27711

Ion Ratio Lower Upper

43 100

61 14.5 12.6 19.0

70 11.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 45.948 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.018 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

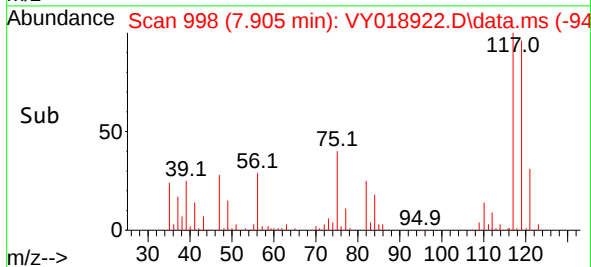
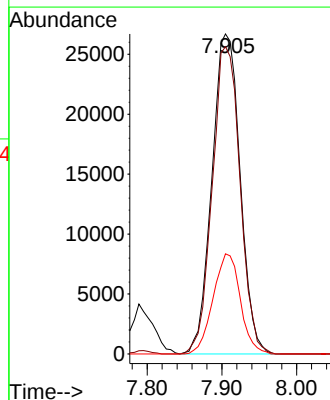
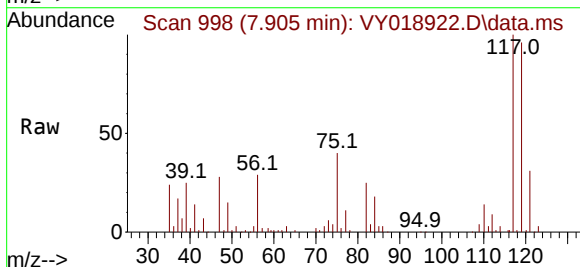
Tgt Ion: 117 Resp: 69945

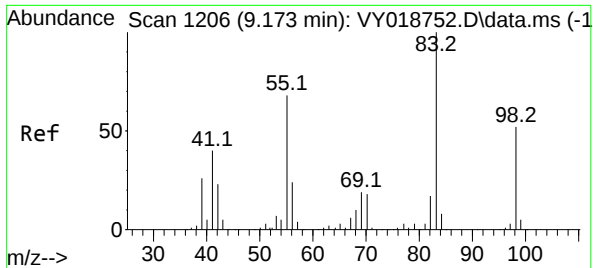
Ion Ratio Lower Upper

117 100

119 96.0 75.8 113.6

121 31.3 24.0 36.0





#39

Methylcyclohexane

Concen: 42.136 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.043 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

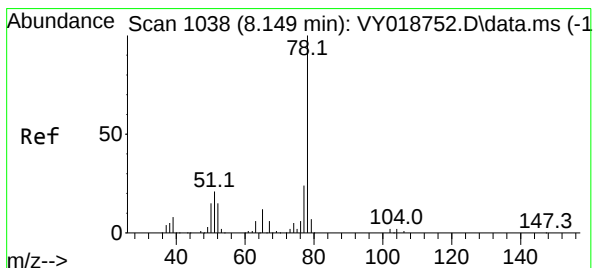
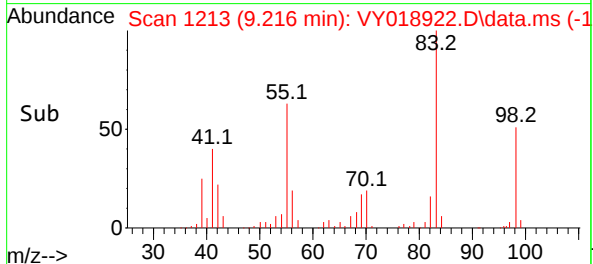
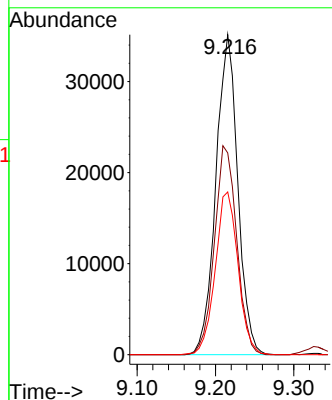
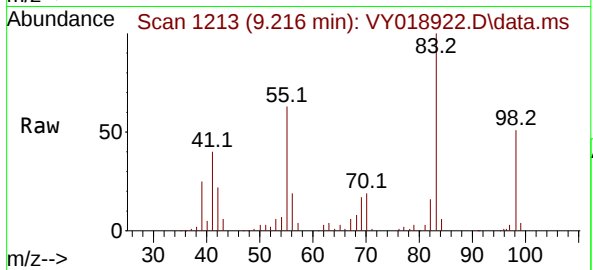
Tgt Ion: 83 Resp: 68247

Ion Ratio Lower Upper

83 100

55 63.0 51.5 77.3

98 50.9 40.5 60.7



#40

Benzene

Concen: 45.451 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.024 min

Lab File: VY018922.D

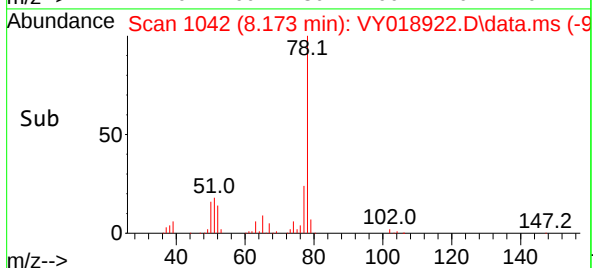
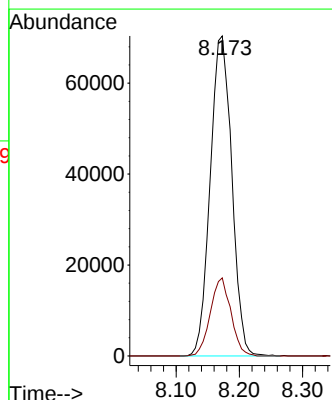
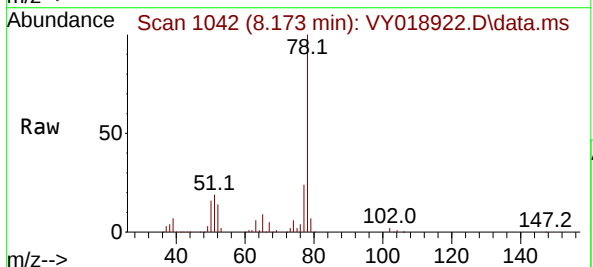
Acq: 25 Jul 2024 20:34

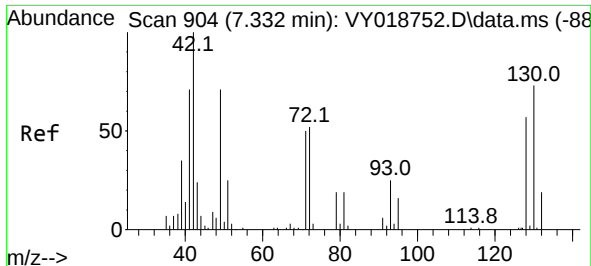
Tgt Ion: 78 Resp: 166643

Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3

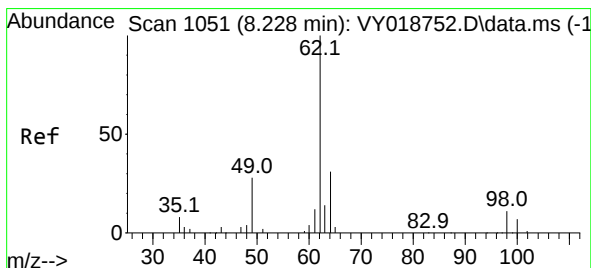
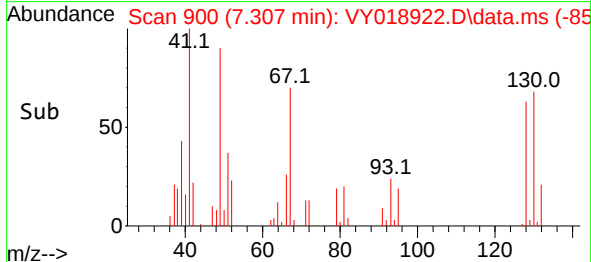
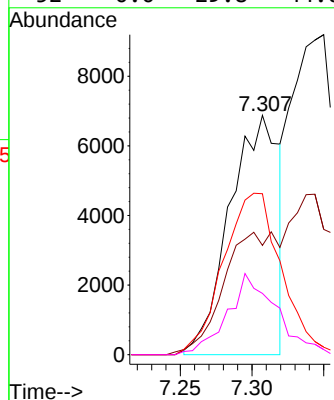
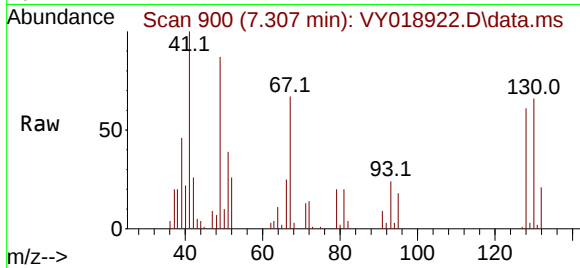




#41
Methacrylonitrile
Concen: 54.835 ug/l m
RT: 7.307 min Scan# 904
Delta R.T. -0.025 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

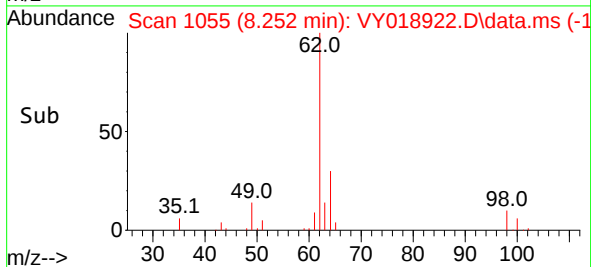
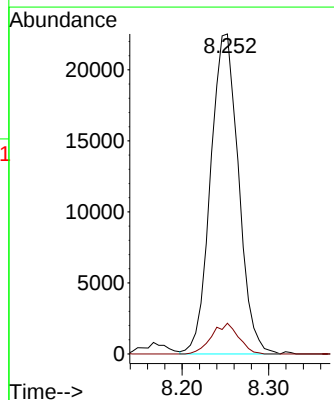
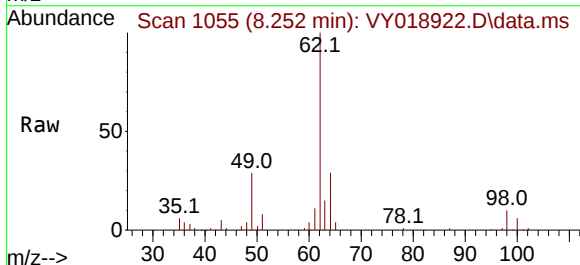
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

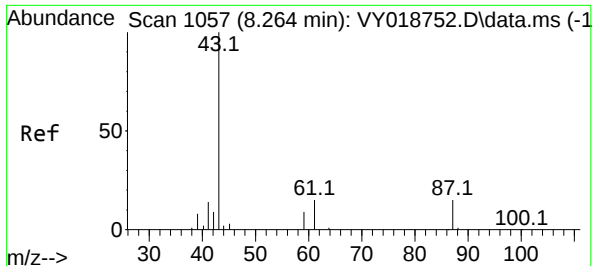
Tgt Ion: 41 Resp: 16424
Ion Ratio Lower Upper
41 100
39 66.5 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 49.269 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.024 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion: 62 Resp: 50576
Ion Ratio Lower Upper
62 100
98 9.3 0.0 22.0





#43

Isopropyl Acetate

Concen: 50.617 ug/l

RT: 8.289 min Scan# 1107

Delta R.T. 0.024 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

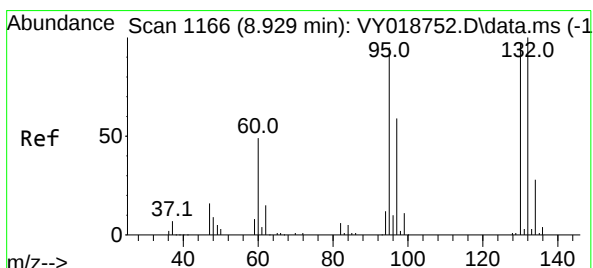
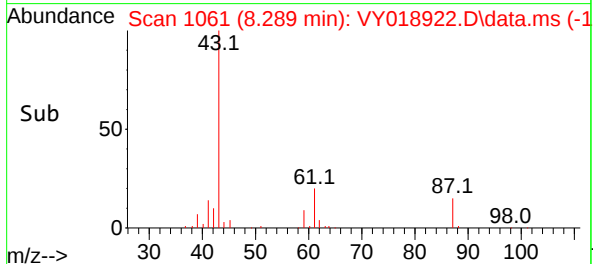
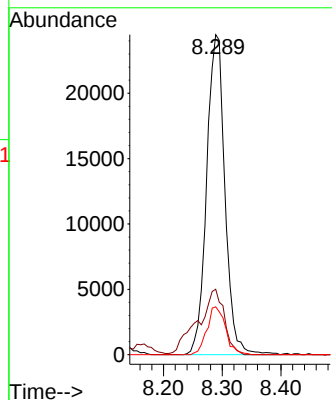
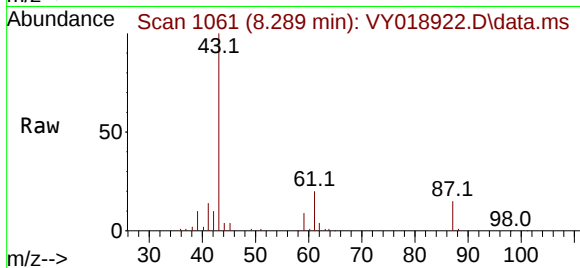
Tgt Ion: 43 Resp: 52912

Ion Ratio Lower Upper

43 100

61 29.6 27.9 41.9

87 15.2 13.1 19.7



#44

Trichloroethene

Concen: 48.061 ug/l

RT: 8.966 min Scan# 1172

Delta R.T. 0.037 min

Lab File: VY018922.D

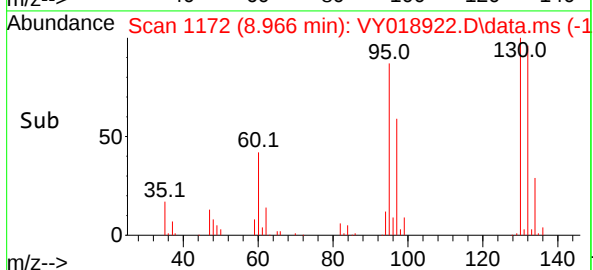
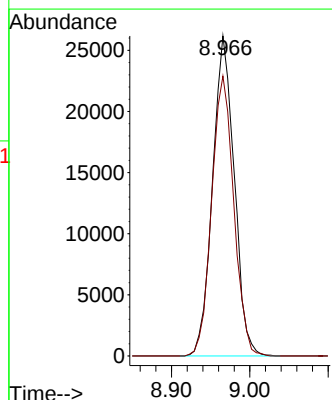
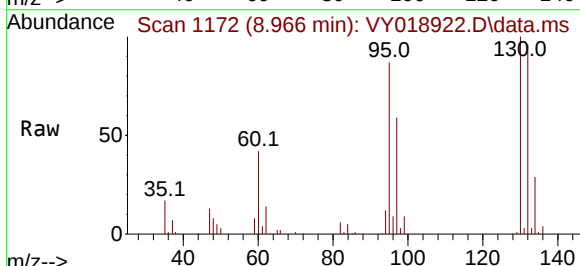
Acq: 25 Jul 2024 20:34

Tgt Ion:130 Resp: 50370

Ion Ratio Lower Upper

130 100

95 87.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 48.235 ug/l

RT: 9.246 min Scan# 11

Delta R.T. 0.037 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

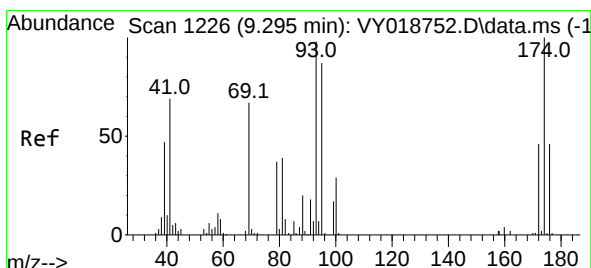
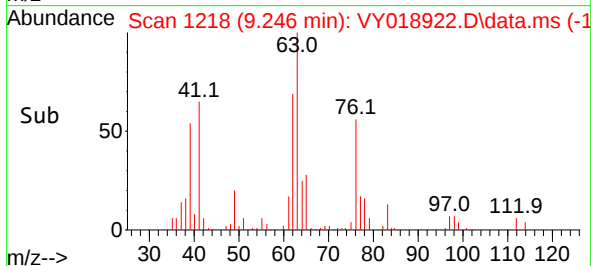
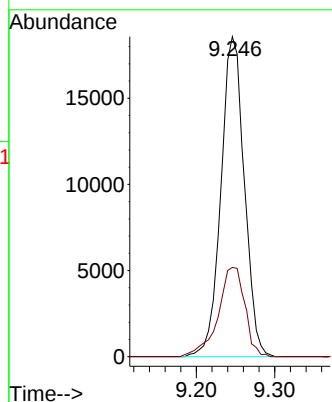
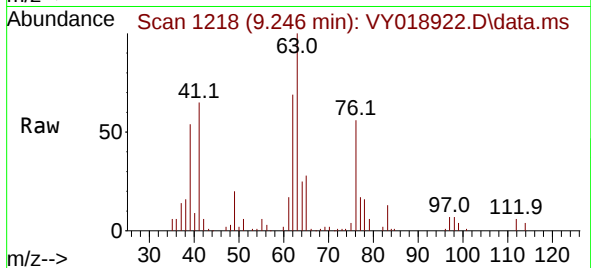
VSTDCCC050EC

Tgt Ion: 63 Resp: 38511

Ion Ratio Lower Upper

63 100

65 27.9 25.4 38.2



#46

Dibromomethane

Concen: 51.525 ug/l

RT: 9.337 min Scan# 1233

Delta R.T. 0.042 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

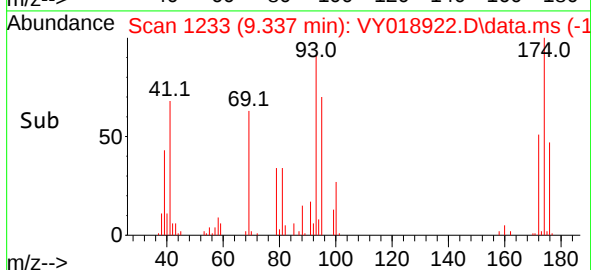
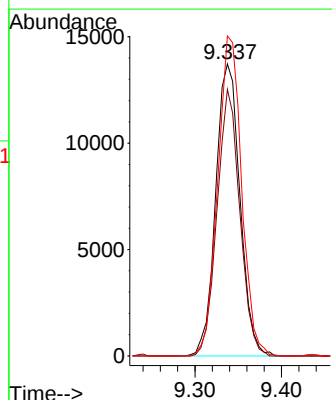
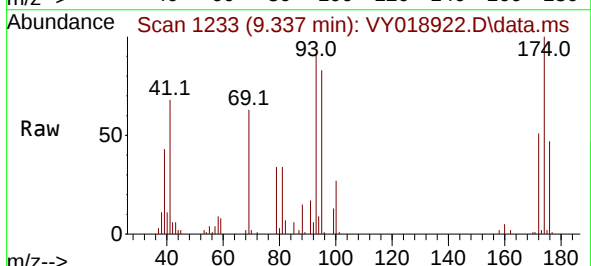
Tgt Ion: 93 Resp: 26665

Ion Ratio Lower Upper

93 100

95 85.6 66.2 99.4

174 108.1 80.9 121.3





#47

Bromodichloromethane

Concen: 50.845 ug/l

RT: 9.533 min Scan# 11

Delta R.T. 0.043 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

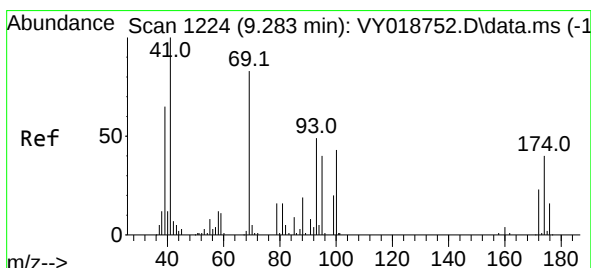
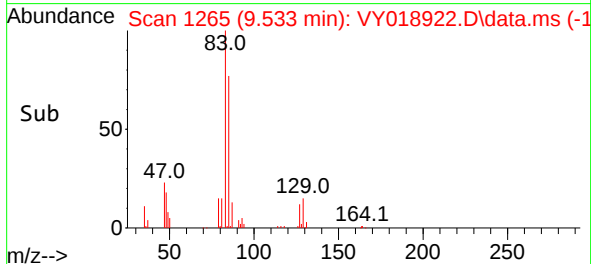
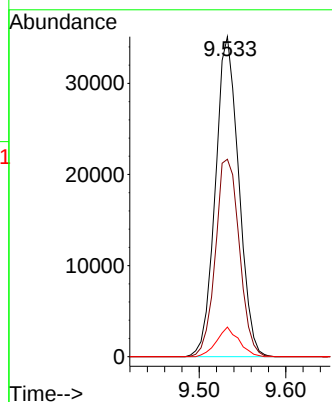
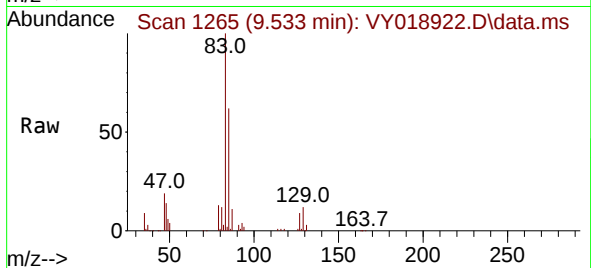
Tgt Ion: 83 Resp: 65734

Ion Ratio Lower Upper

83 100

85 61.7 50.1 75.1

127 9.3 7.4 11.0



#48

Methyl methacrylate

Concen: 51.662 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.043 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

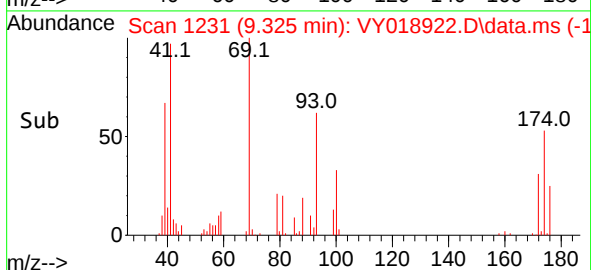
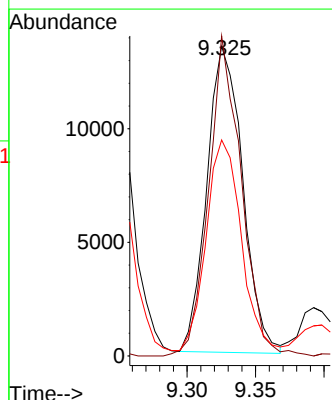
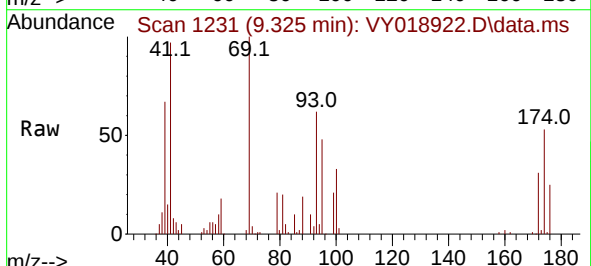
Tgt Ion: 41 Resp: 24547

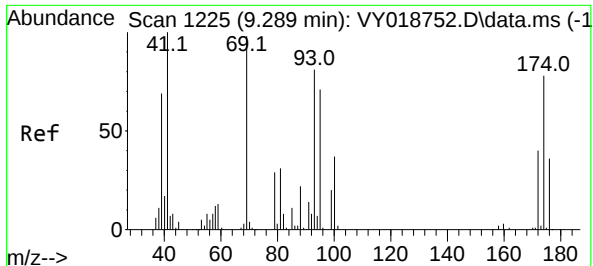
Ion Ratio Lower Upper

41 100

69 94.9 84.1 126.1

39 70.0 43.6 65.4#





#49

1,4-Dioxane

Concen: 1123.395 ug/l

RT: 9.331 min Scan# 11

Delta R.T. 0.042 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

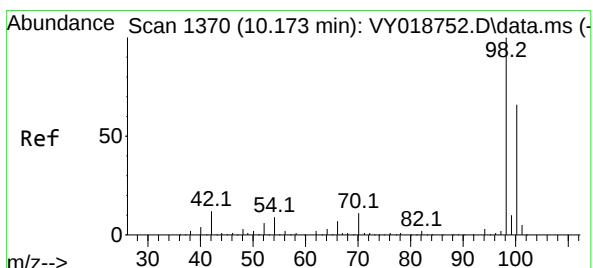
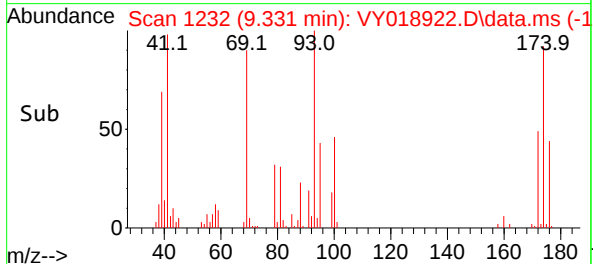
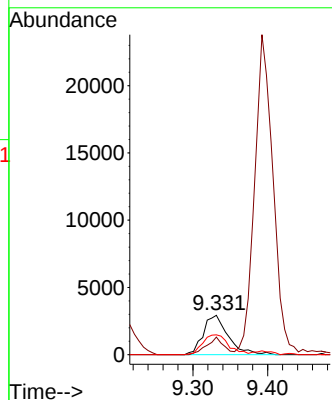
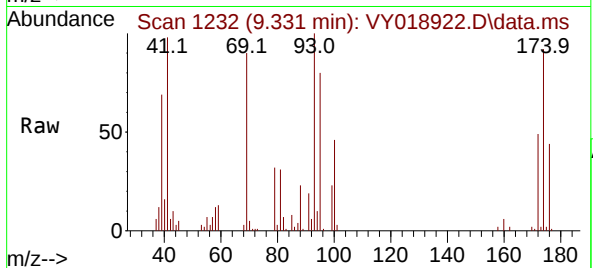
Tgt Ion: 88 Resp: 6815

Ion Ratio Lower Upper

88 100

43 30.8 0.0 0.0#

58 52.1 49.3 73.9



#50

Toluene-d8

Concen: 42.397 ug/l

RT: 10.228 min Scan# 1379

Delta R.T. 0.055 min

Lab File: VY018922.D

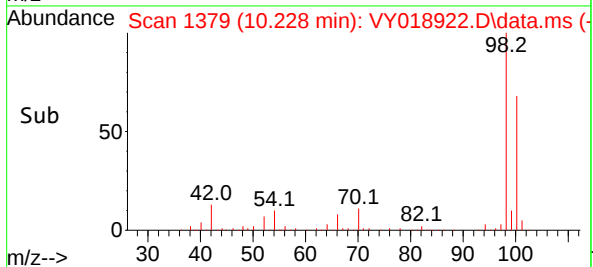
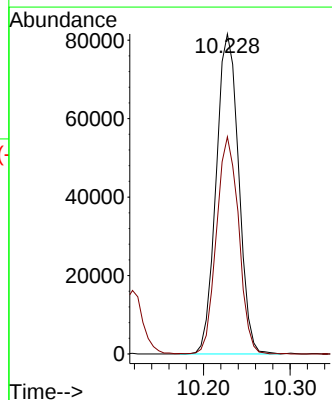
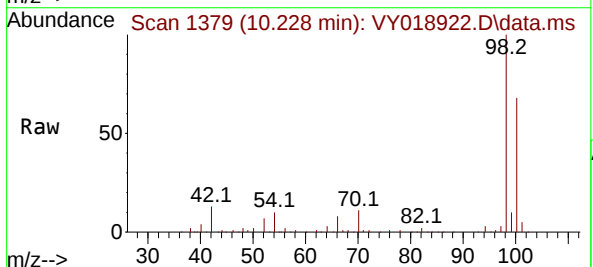
Acq: 25 Jul 2024 20:34

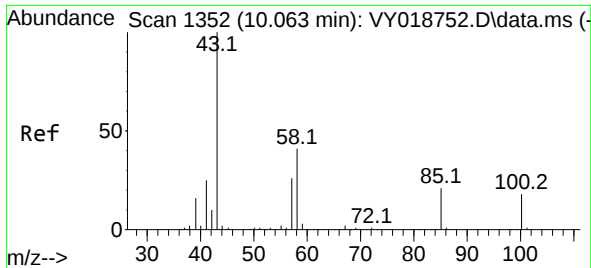
Tgt Ion: 98 Resp: 147107

Ion Ratio Lower Upper

98 100

100 66.7 52.0 78.0

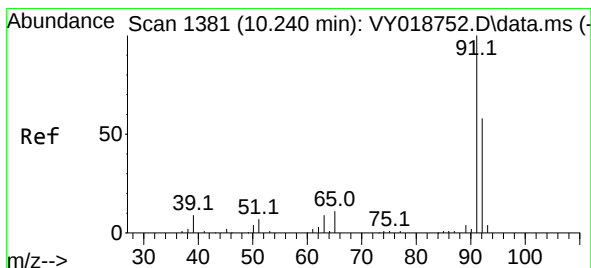
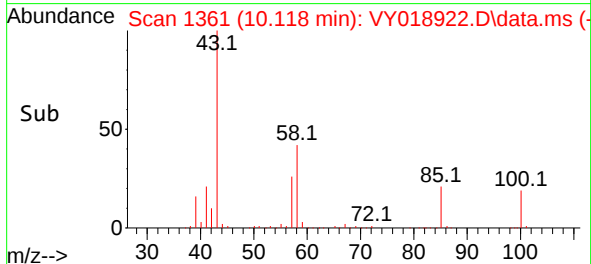
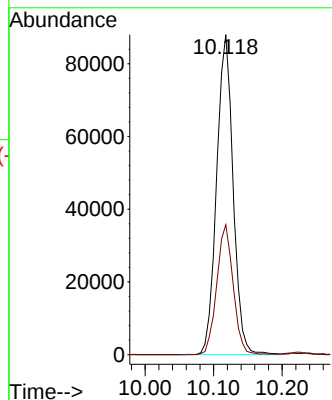
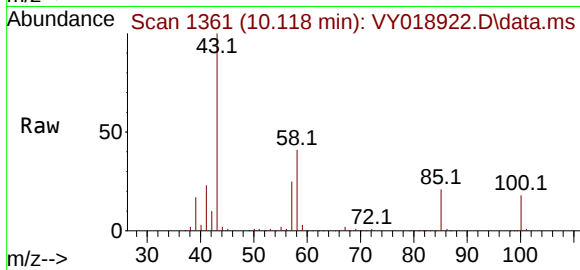




#51
4-Methyl-2-Pentanone
Concen: 274.962 ug/l
RT: 10.118 min Scan# 1361
Delta R.T. 0.055 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

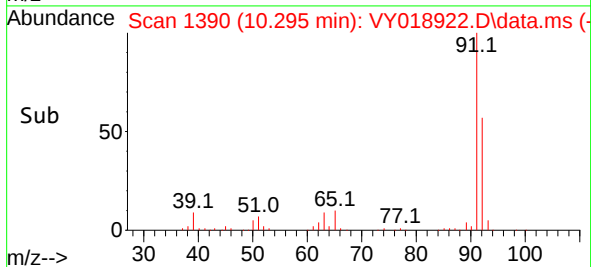
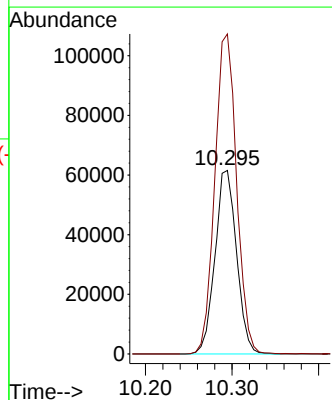
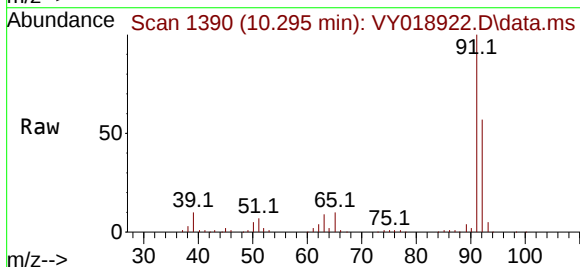
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

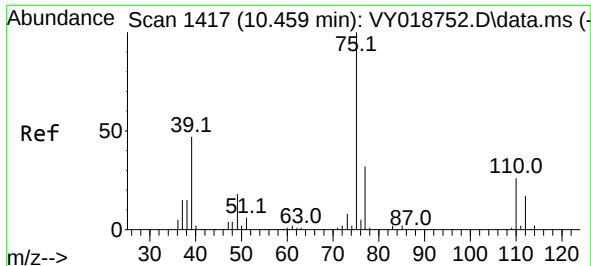
Tgt Ion: 43 Resp: 146750
Ion Ratio Lower Upper
43 100
58 40.6 35.7 53.5



#52
Toluene
Concen: 43.717 ug/l
RT: 10.295 min Scan# 1390
Delta R.T. 0.055 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion: 92 Resp: 106534
Ion Ratio Lower Upper
92 100
91 175.6 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 48.160 ug/l

RT: 10.520 min Scan# 1417

Delta R.T. 0.061 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

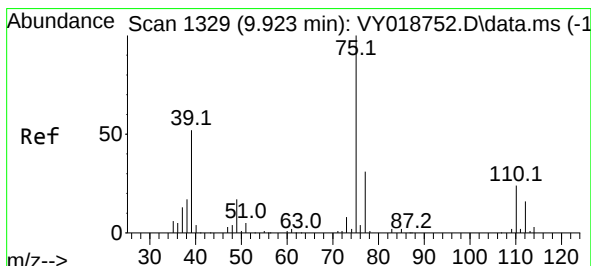
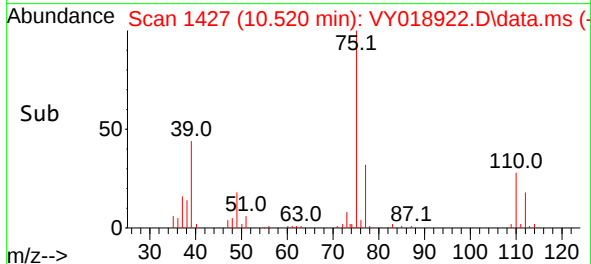
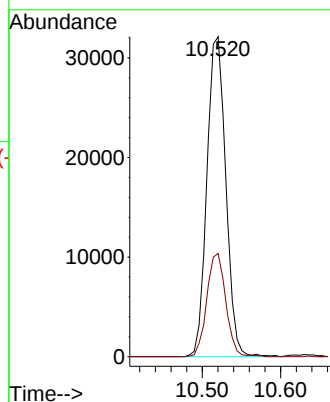
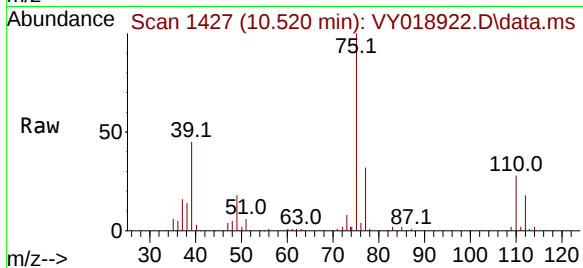
VSTDCCC050EC

Tgt Ion: 75 Resp: 53758

Ion Ratio Lower Upper

75 100

77 32.3 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 47.211 ug/l

RT: 9.971 min Scan# 1337

Delta R.T. 0.049 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

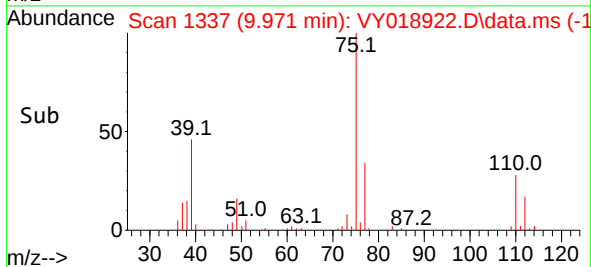
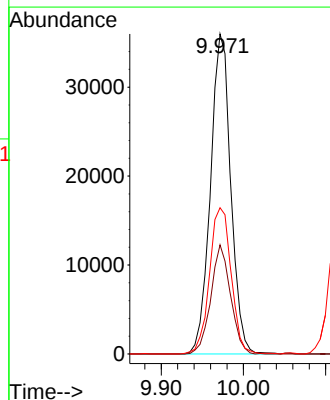
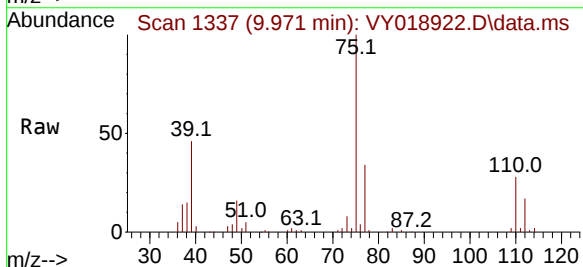
Tgt Ion: 75 Resp: 61824

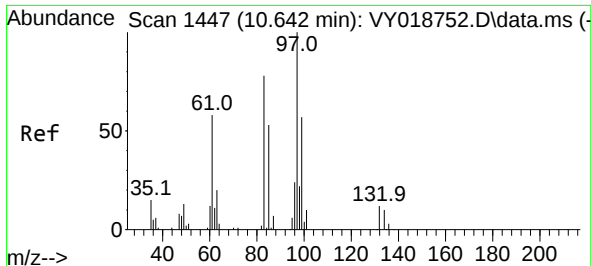
Ion Ratio Lower Upper

75 100

77 34.1 25.4 38.0

39 45.7 29.8 44.6#

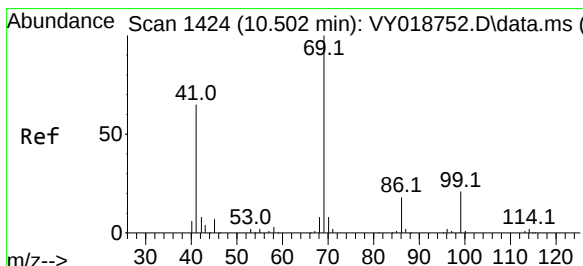
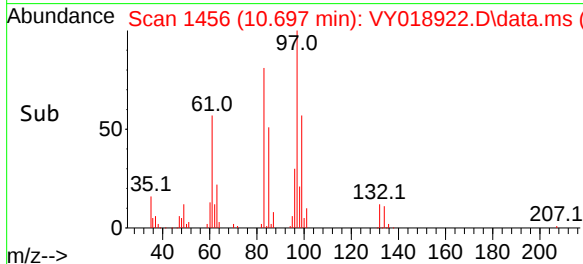
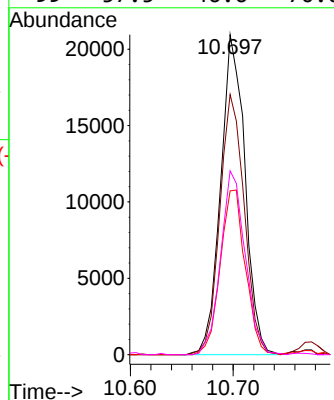
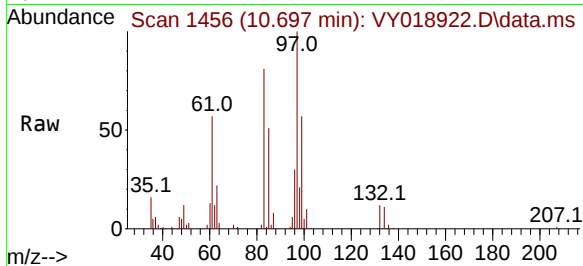




#55
1,1,2-Trichloroethane
Concen: 52.425 ug/l
RT: 10.697 min Scan# 1447
Delta R.T. 0.055 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

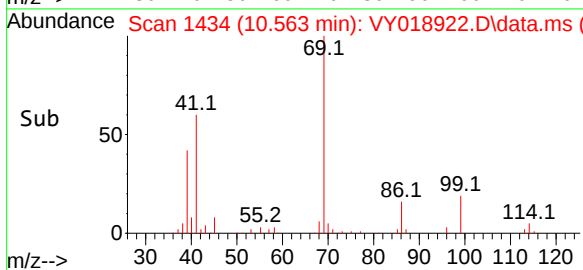
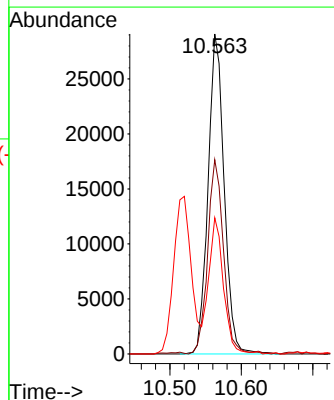
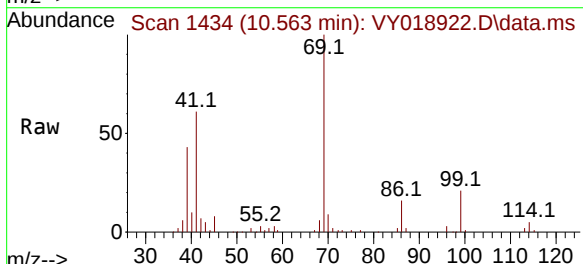
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

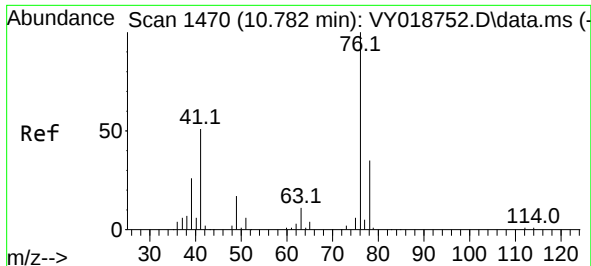
Tgt Ion: 97	Resp: 34356
Ion Ratio	Lower Upper
97 100	
83 81.3	67.5 101.3
85 51.2	42.9 64.3
99 57.5	46.6 70.0



#56
Ethyl methacrylate
Concen: 52.668 ug/l
RT: 10.563 min Scan# 1434
Delta R.T. 0.061 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion: 69	Resp: 45441
Ion Ratio	Lower Upper
69 100	
41 59.5	42.3 63.5
39 38.3	22.9 34.3#

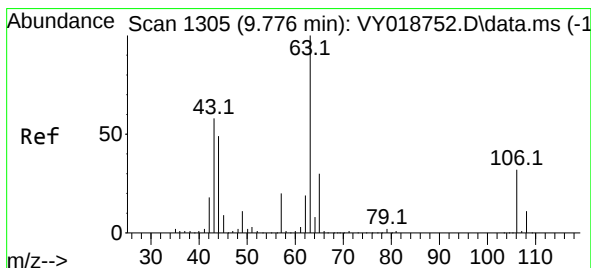
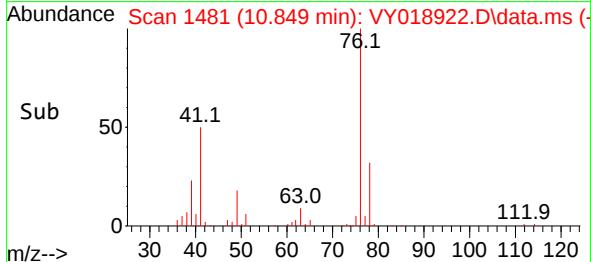
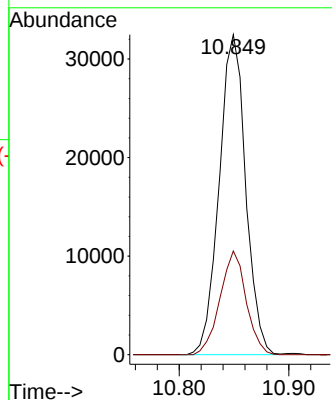
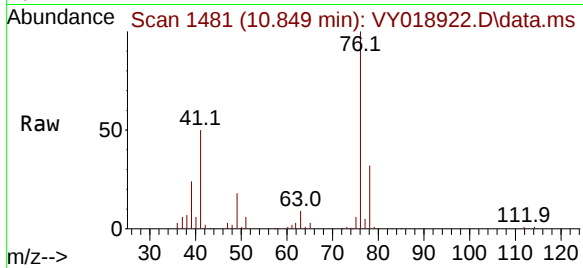




#57
1,3-Dichloropropane
Concen: 50.213 ug/l
RT: 10.849 min Scan# 1470
Delta R.T. 0.067 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

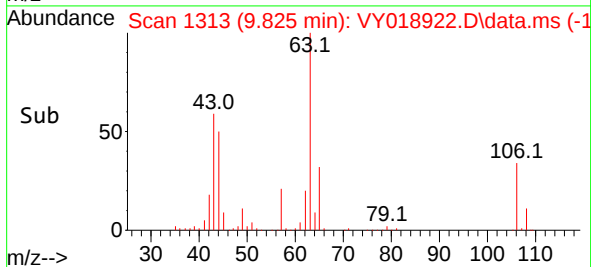
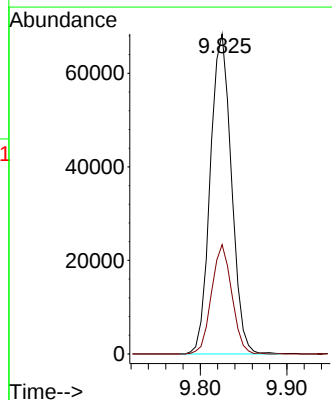
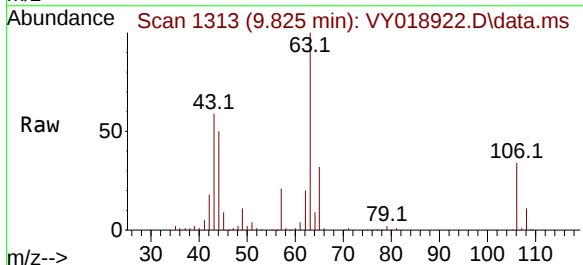
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

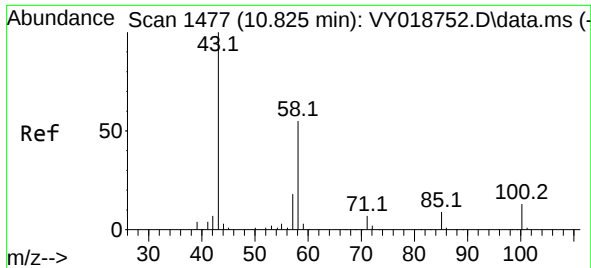
Tgt Ion: 76 Resp: 54549
Ion Ratio Lower Upper
76 100
78 31.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 281.111 ug/l
RT: 9.825 min Scan# 1313
Delta R.T. 0.049 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion: 63 Resp: 115874
Ion Ratio Lower Upper
63 100
106 32.8 23.7 35.5

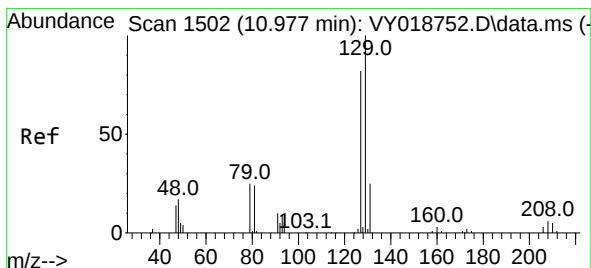
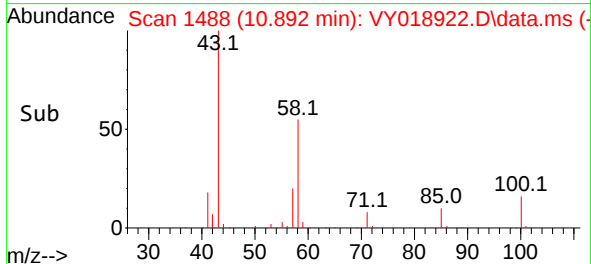
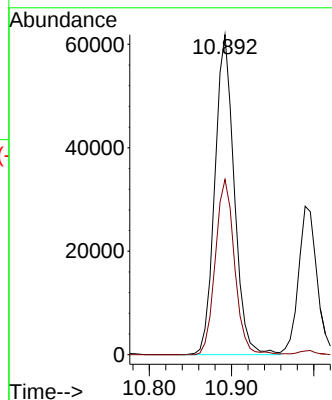
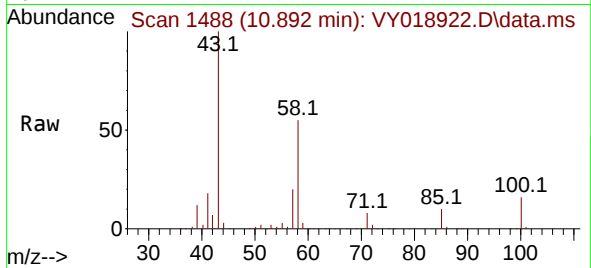




#59
2-Hexanone
Concen: 270.501 ug/l
RT: 10.892 min Scan# 1477
Delta R.T. 0.067 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

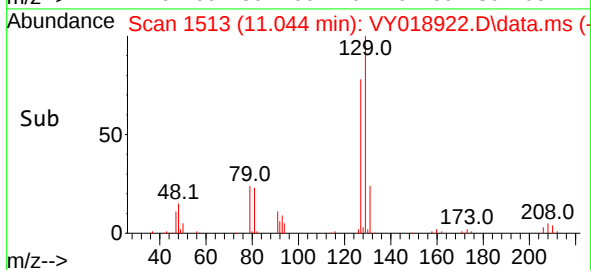
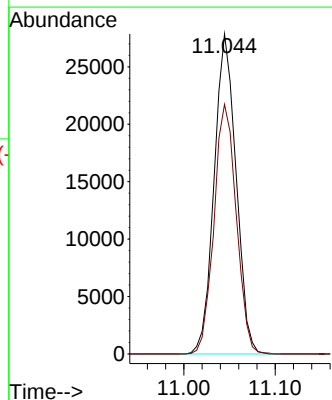
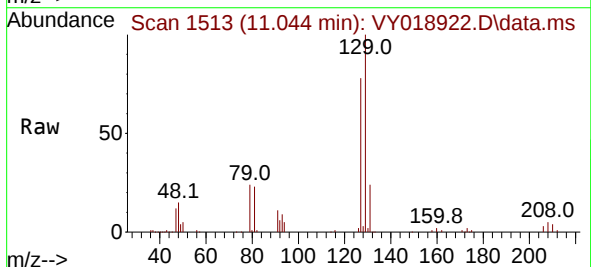
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

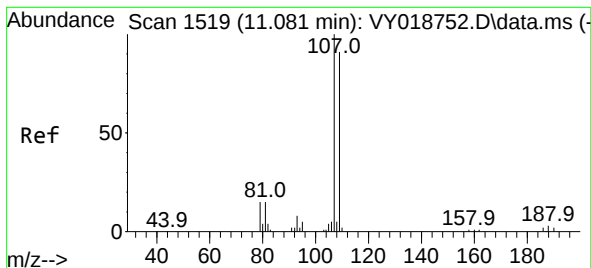
Tgt Ion: 43 Resp: 101000
Ion Ratio Lower Upper
43 100
58 54.5 31.4 94.0



#60
Dibromochloromethane
Concen: 51.508 ug/l
RT: 11.044 min Scan# 1513
Delta R.T. 0.067 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion: 129 Resp: 46379
Ion Ratio Lower Upper
129 100
127 79.2 39.0 117.0

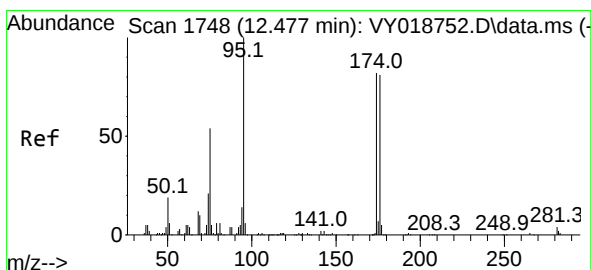
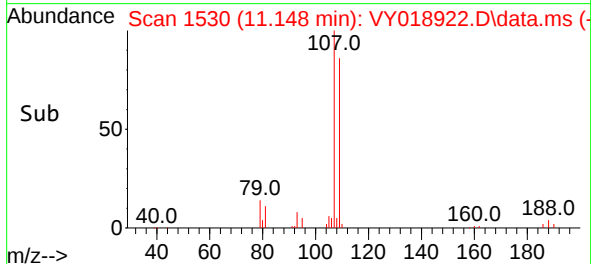
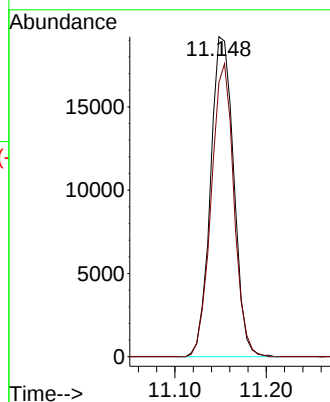
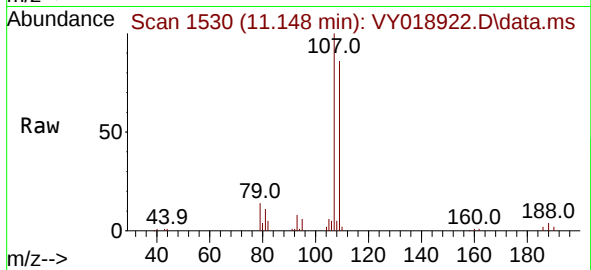




#61
1,2-Dibromoethane
Concen: 53.291 ug/l
RT: 11.148 min Scan# 11
Delta R.T. 0.067 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

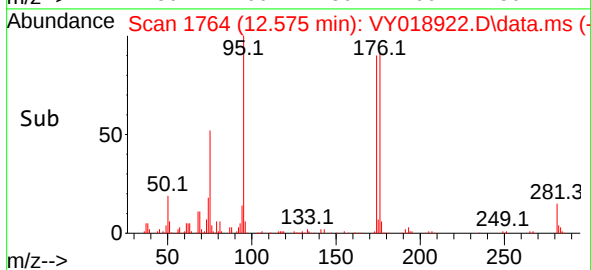
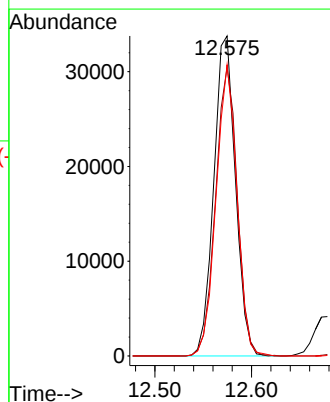
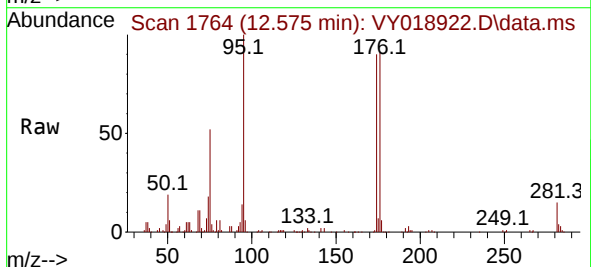
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

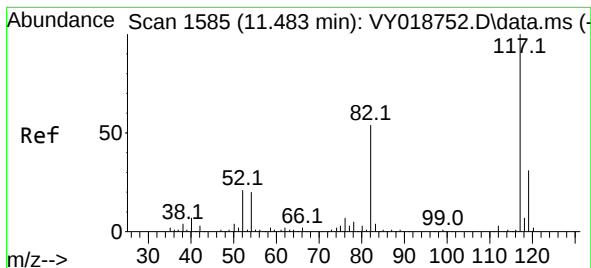
Tgt Ion:107 Resp: 33952
Ion Ratio Lower Upper
107 100
109 89.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 44.373 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. 0.098 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion: 95 Resp: 52579
Ion Ratio Lower Upper
95 100
174 90.2 0.0 175.6
176 87.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.563 min Scan# 11

Delta R.T. 0.079 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

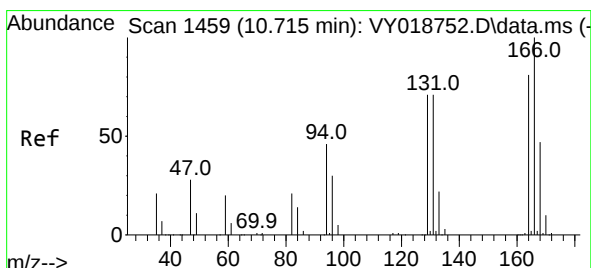
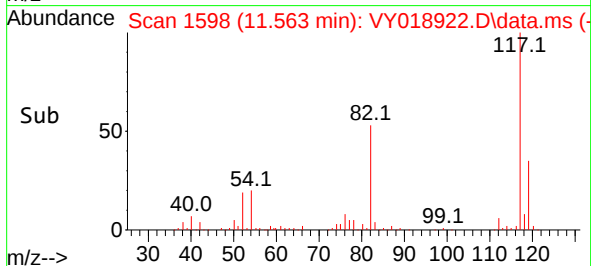
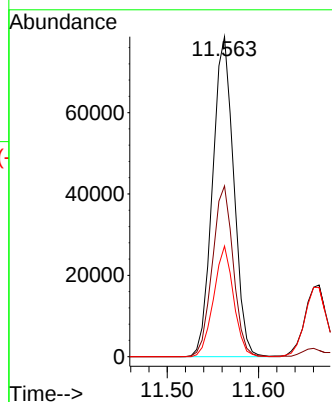
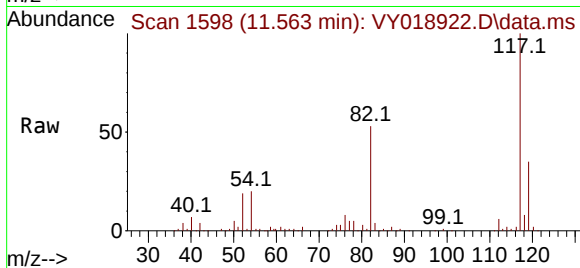
Tgt Ion:117 Resp: 126354

Ion Ratio Lower Upper

117 100

82 53.4 42.4 63.6

119 34.6 25.9 38.9



#64

Tetrachloroethene

Concen: 48.662 ug/l

RT: 10.776 min Scan# 1469

Delta R.T. 0.061 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Tgt Ion:164 Resp: 49769

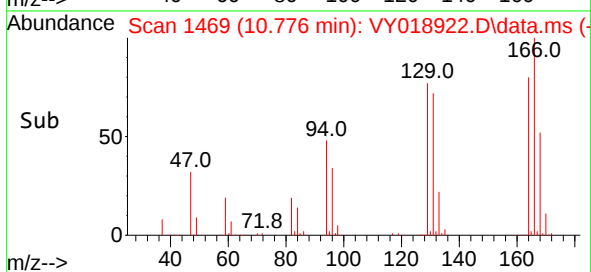
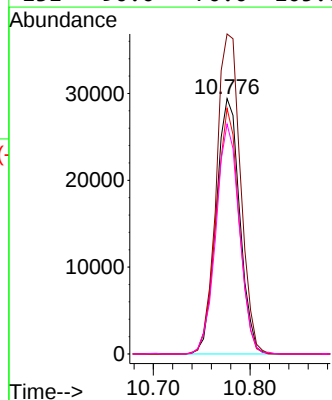
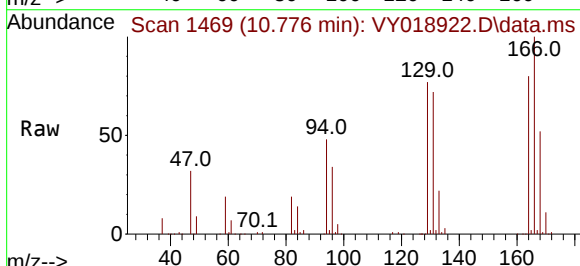
Ion Ratio Lower Upper

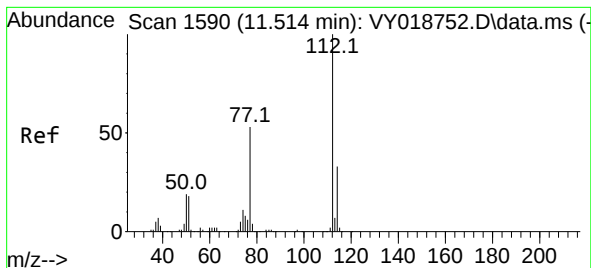
164 100

166 125.3 102.6 154.0

129 96.2 72.0 108.0

131 90.0 70.0 105.0





#65

Chlorobenzene

Concen: 48.171 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.073 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

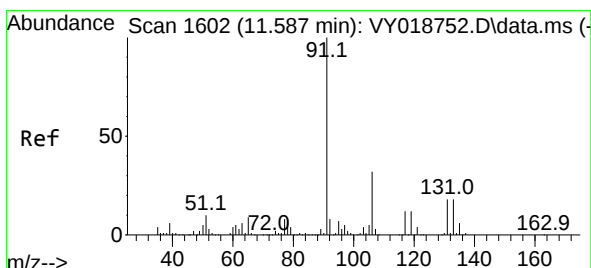
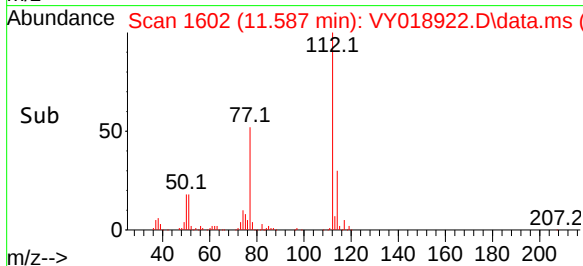
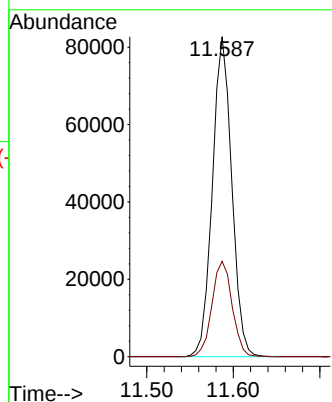
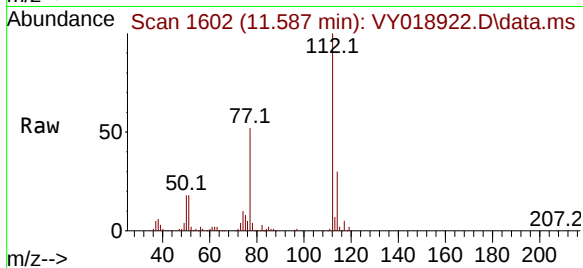
VSTDCCC050EC

Tgt Ion:112 Resp: 128398

Ion Ratio Lower Upper

112 100

114 29.8 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.788 ug/l

RT: 11.666 min Scan# 1615

Delta R.T. 0.079 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

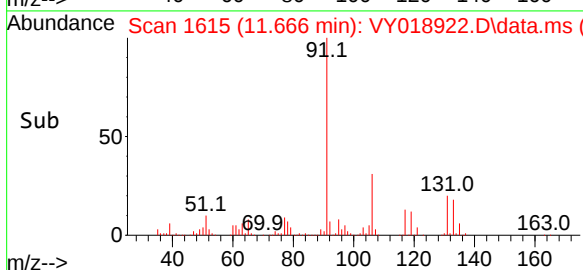
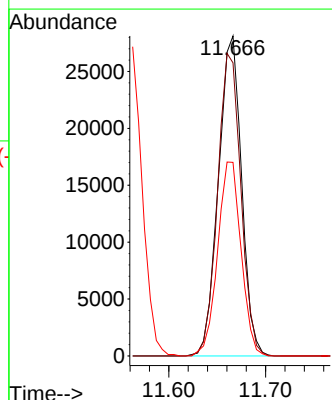
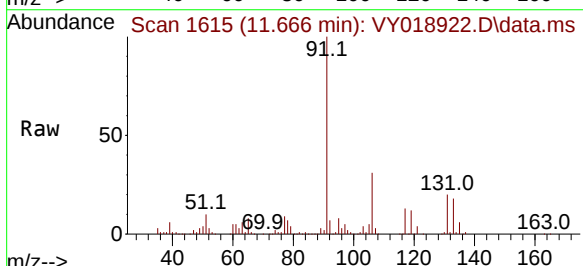
Tgt Ion:131 Resp: 46641

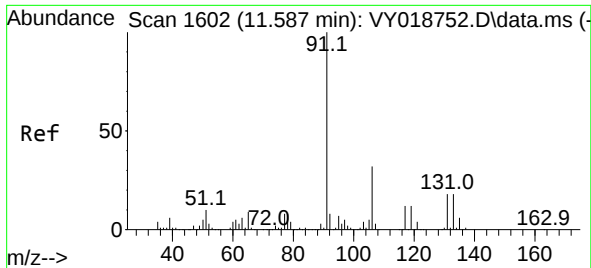
Ion Ratio Lower Upper

131 100

133 95.2 47.8 143.3

119 61.5 34.1 102.2

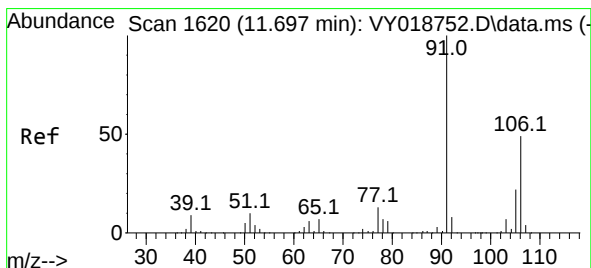
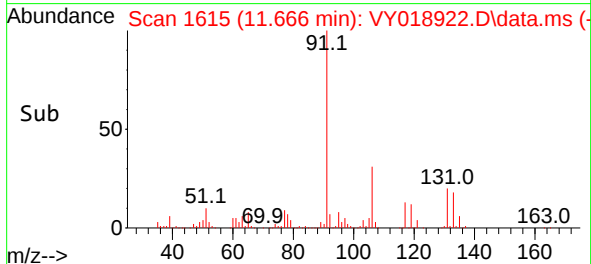
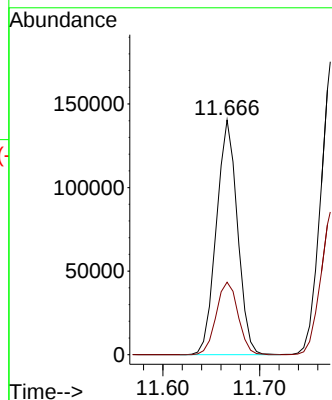
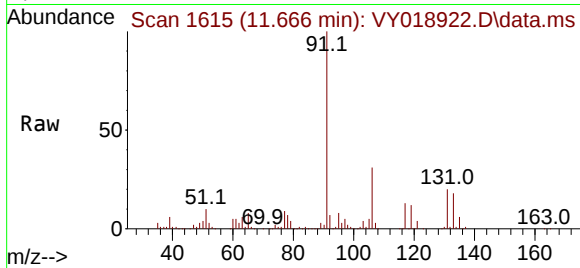




#67
Ethyl Benzene
Concen: 45.487 ug/l
RT: 11.666 min Scan# 1615
Delta R.T. 0.079 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

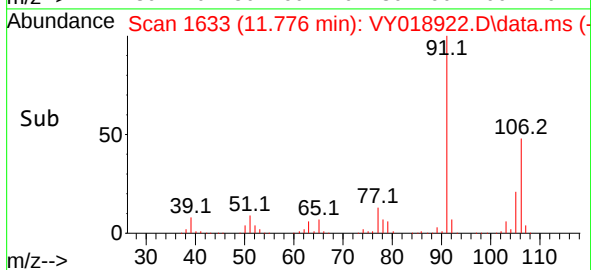
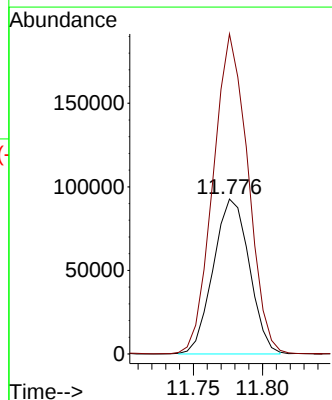
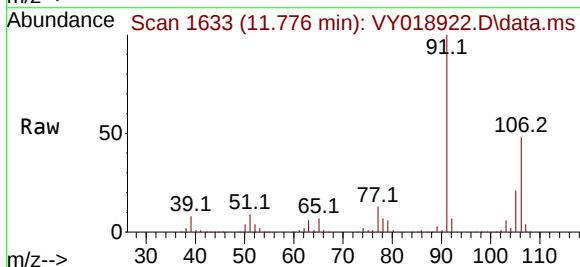
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

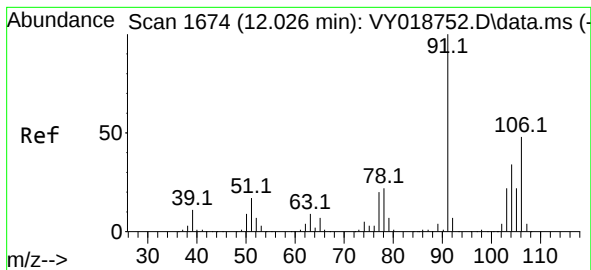
Tgt Ion: 91 Resp: 212396
Ion Ratio Lower Upper
91 100
106 30.9 24.5 36.7



#68
m/p-Xylenes
Concen: 91.726 ug/l m
RT: 11.776 min Scan# 1633
Delta R.T. 0.079 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion:106 Resp: 168075
Ion Ratio Lower Upper
106 100
91 126.4 156.0 234.0#

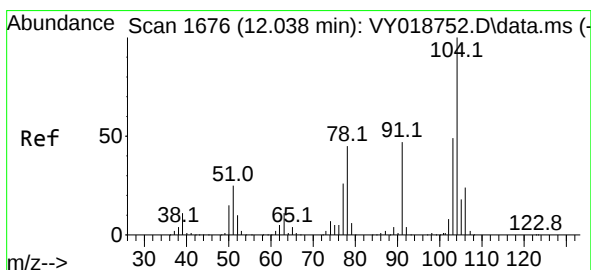
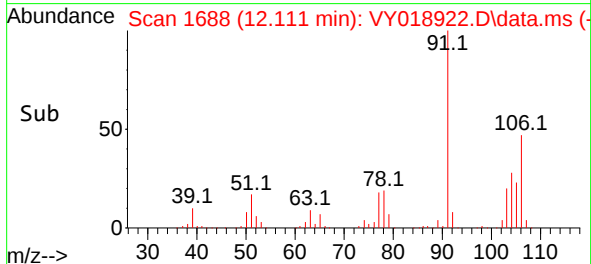
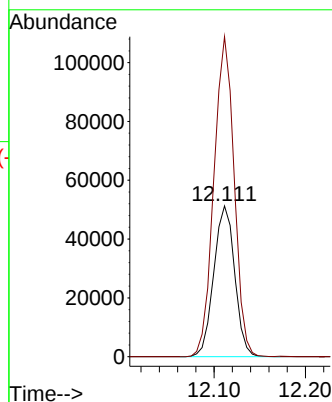
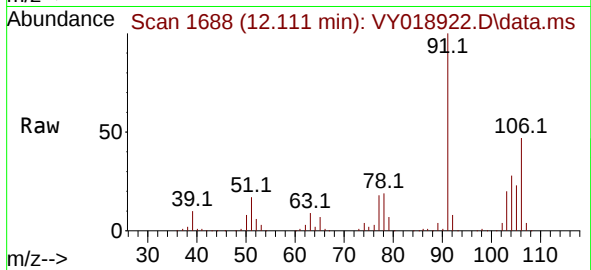




#69
o-Xylene
Concen: 47.289 ug/l
RT: 12.111 min Scan# 1688
Delta R.T. 0.085 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

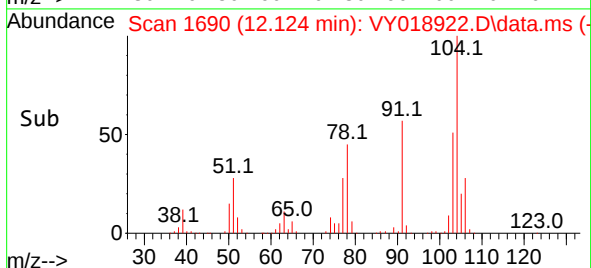
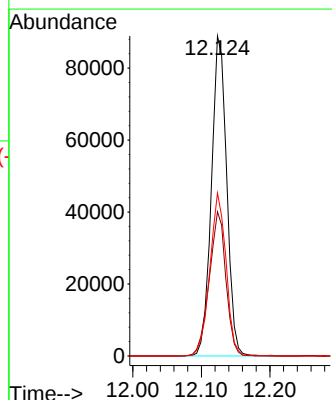
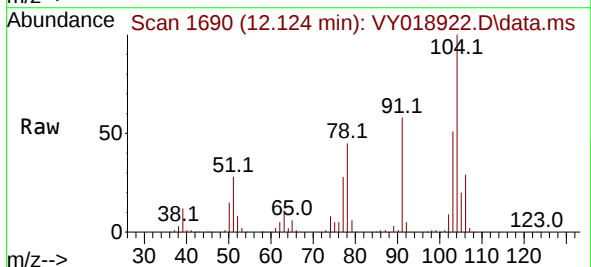
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

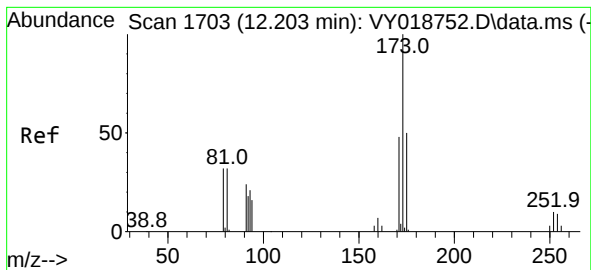
Tgt Ion:106 Resp: 81465
Ion Ratio Lower Upper
106 100
91 206.0 103.6 310.8



#70
Styrene
Concen: 48.095 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. 0.085 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion:104 Resp: 138243
Ion Ratio Lower Upper
104 100
78 49.0 37.0 55.4
103 53.9 44.2 66.2





#71

Bromoform

Concen: 58.601 ug/l

RT: 12.288 min Scan# 1

Delta R.T. 0.085 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

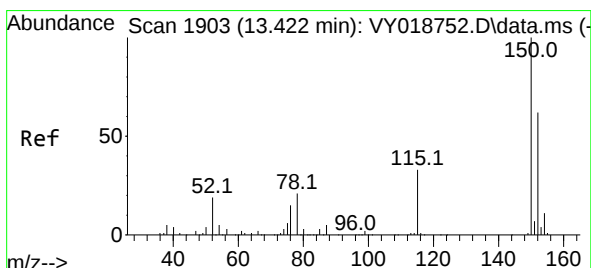
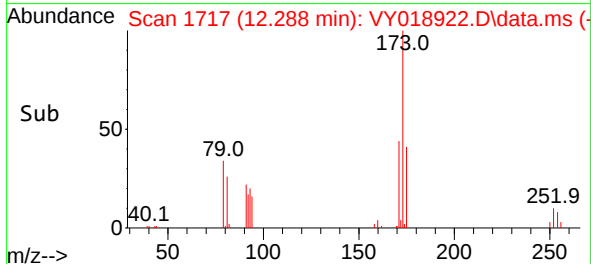
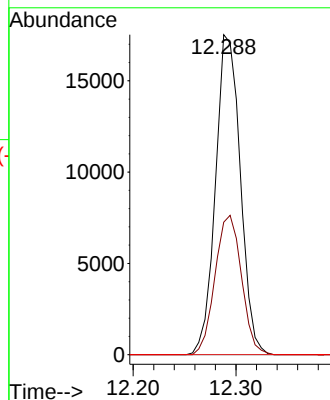
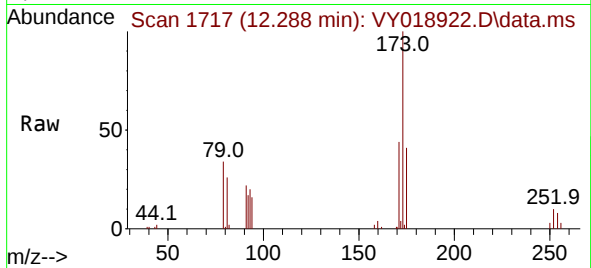
Tgt Ion:173 Resp: 29334

Ion Ratio Lower Upper

173 100

175 46.4 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.538 min Scan# 1922

Delta R.T. 0.116 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

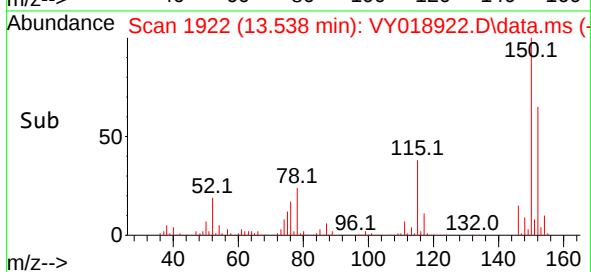
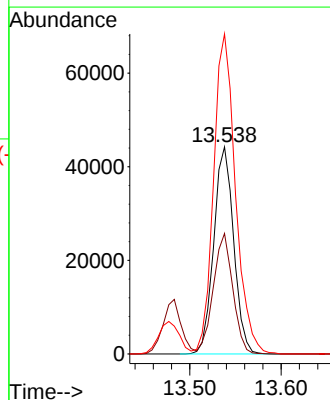
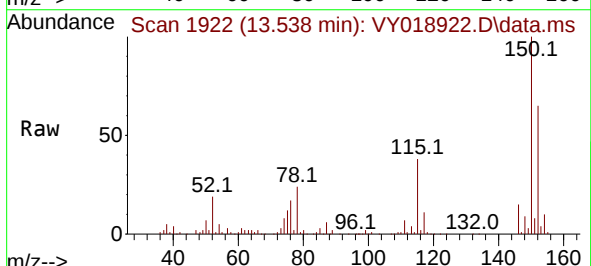
Tgt Ion:152 Resp: 66970

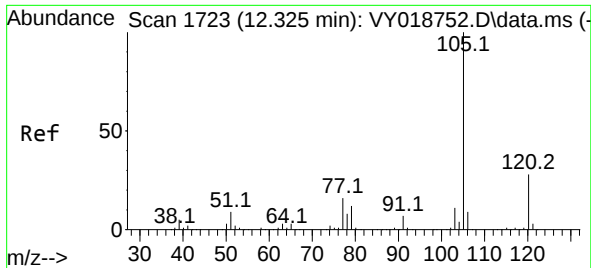
Ion Ratio Lower Upper

152 100

115 56.9 28.2 84.7

150 169.8 0.0 345.6

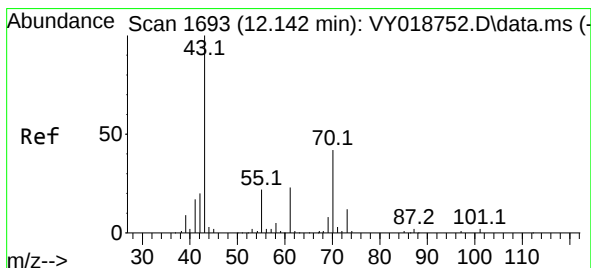
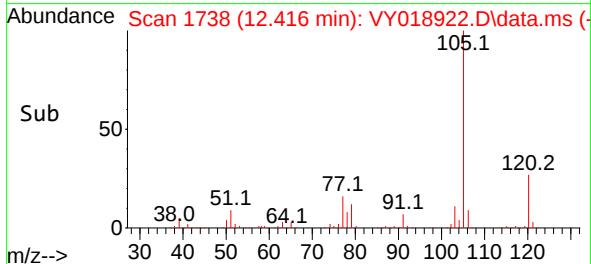
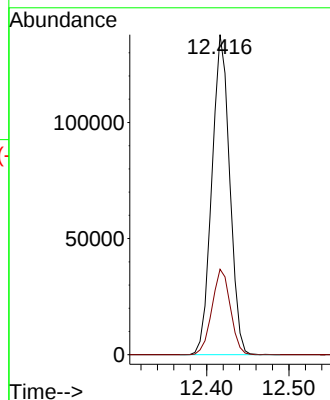
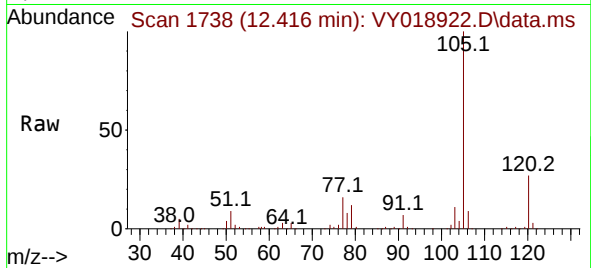




#73
Isopropylbenzene
Concen: 42.425 ug/l
RT: 12.416 min Scan# 11
Delta R.T. 0.091 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

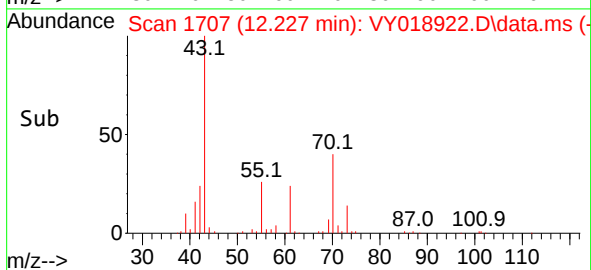
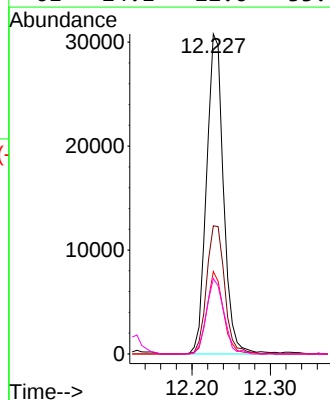
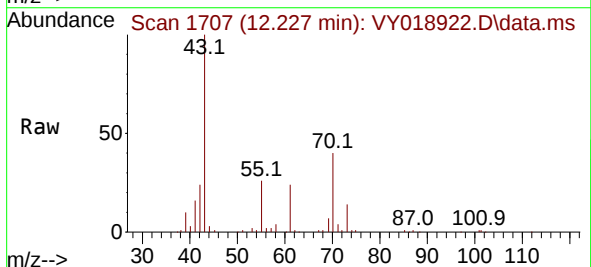
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

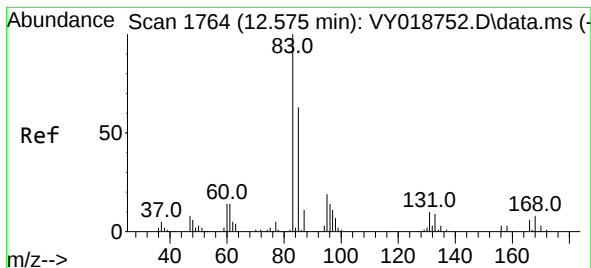
Tgt Ion:105 Resp: 207938
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.1



#74
N-ethyl acetate
Concen: 46.133 ug/l
RT: 12.227 min Scan# 1707
Delta R.T. 0.085 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion: 43 Resp: 46242
Ion Ratio Lower Upper
43 100
70 42.7 41.4 62.2
55 25.0 23.3 34.9
61 24.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.155 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.098 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

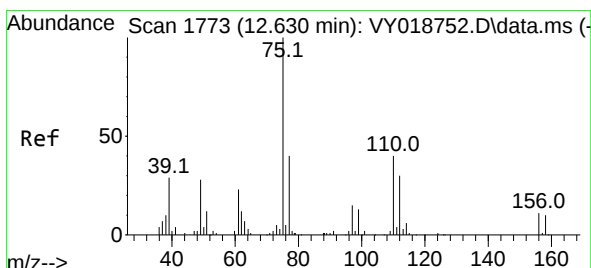
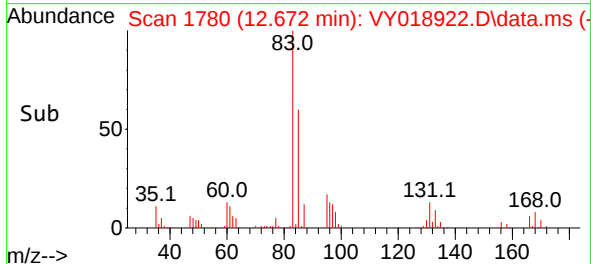
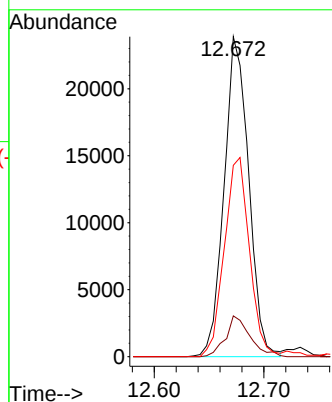
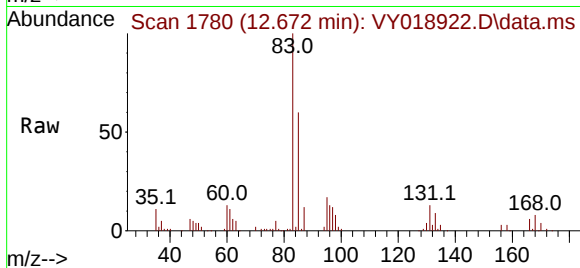
Tgt Ion: 83 Resp: 37208

Ion Ratio Lower Upper

83 100

131 12.6 5.0 14.9

85 63.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 46.488 ug/l m

RT: 12.727 min Scan# 1789

Delta R.T. 0.097 min

Lab File: VY018922.D

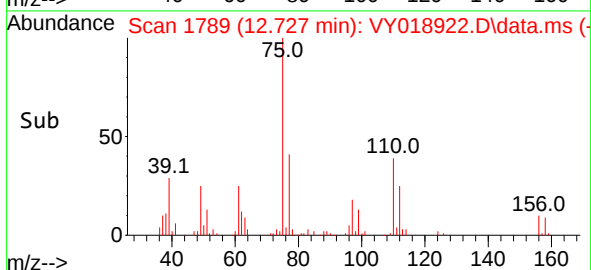
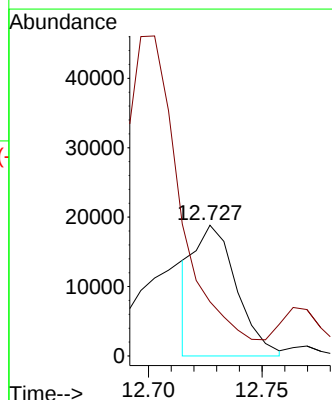
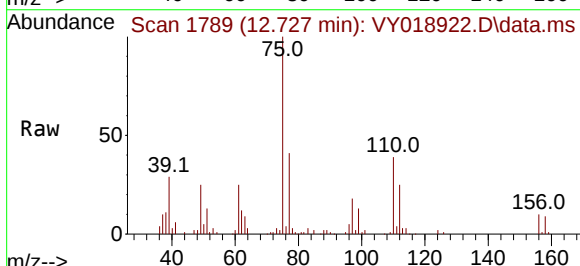
Acq: 25 Jul 2024 20:34

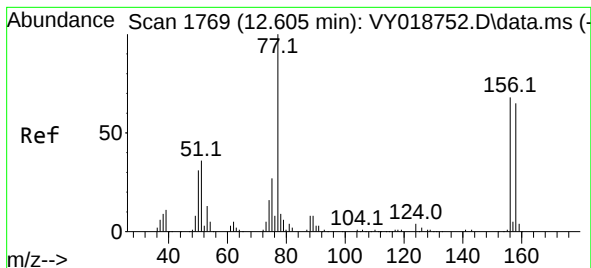
Tgt Ion: 75 Resp: 24384

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.980 ug/l

RT: 12.703 min Scan# 1785

Delta R.T. 0.098 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

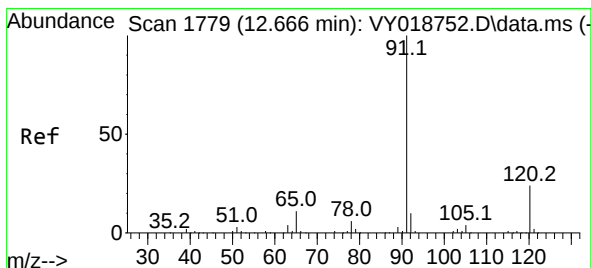
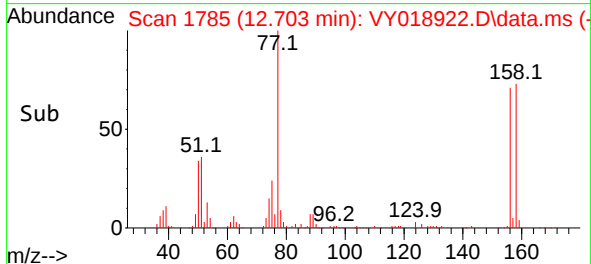
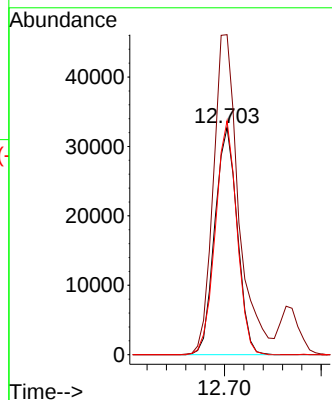
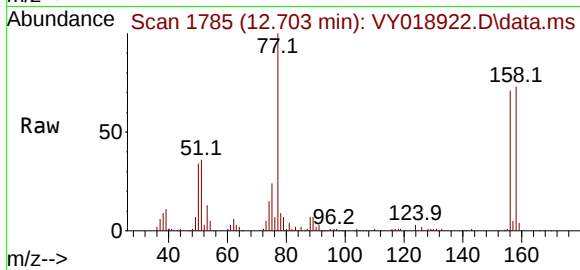
Tgt Ion:156 Resp: 52631

Ion Ratio Lower Upper

156 100

77 160.3 87.1 261.3

158 98.6 48.6 145.9



#78

n-propylbenzene

Concen: 41.958 ug/l

RT: 12.770 min Scan# 1796

Delta R.T. 0.104 min

Lab File: VY018922.D

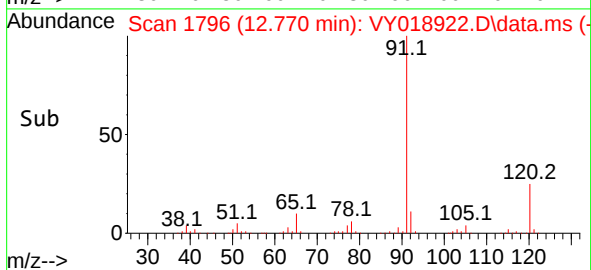
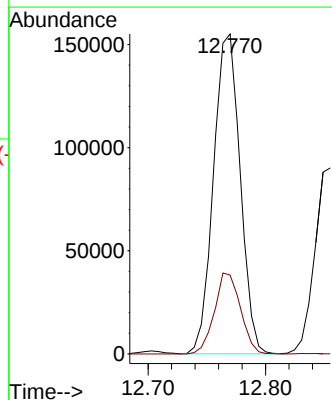
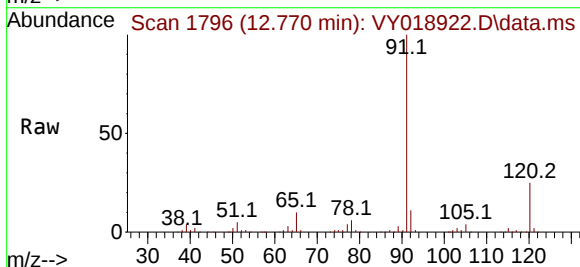
Acq: 25 Jul 2024 20:34

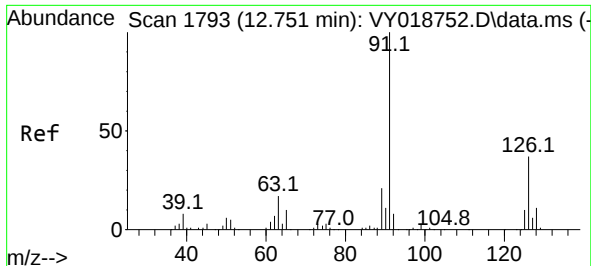
Tgt Ion: 91 Resp: 244212

Ion Ratio Lower Upper

91 100

120 24.7 11.5 34.4

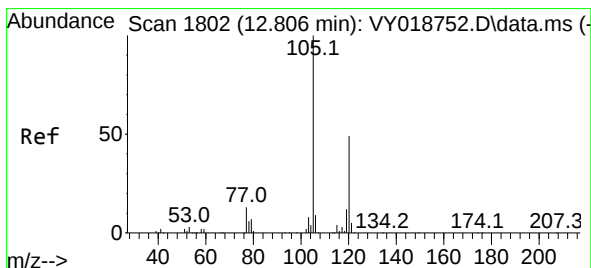
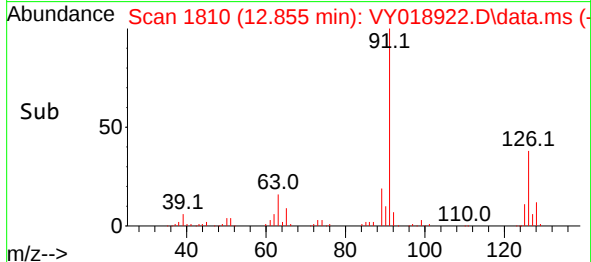
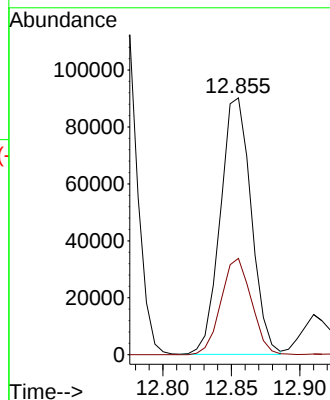
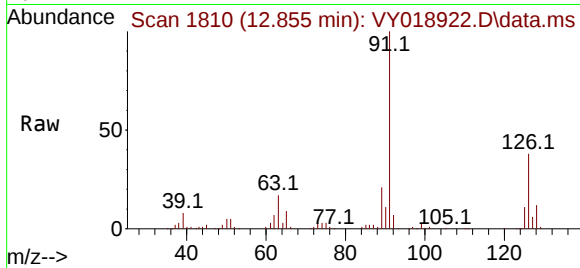




#79
2-Chlorotoluene
Concen: 43.278 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.104 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

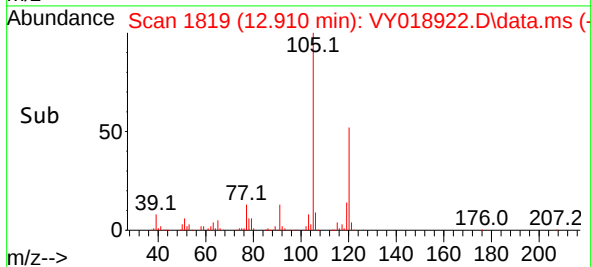
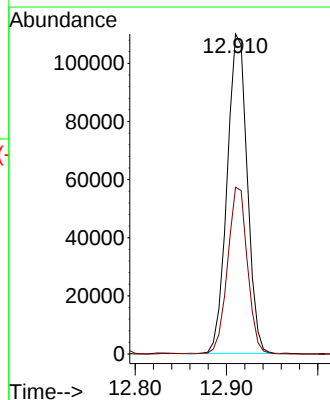
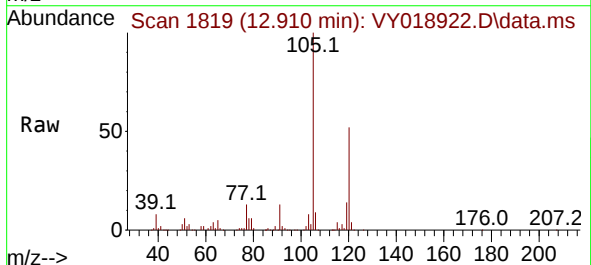
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 141638
Ion Ratio Lower Upper
91 100
126 36.9 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 42.020 ug/l
RT: 12.910 min Scan# 1819
Delta R.T. 0.104 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion: 105 Resp: 168516
Ion Ratio Lower Upper
105 100
120 51.4 25.1 75.2

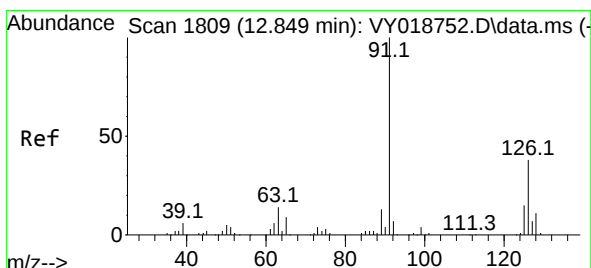
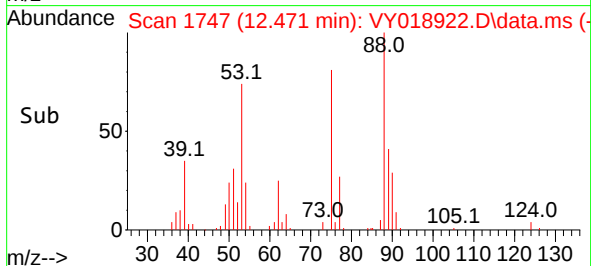
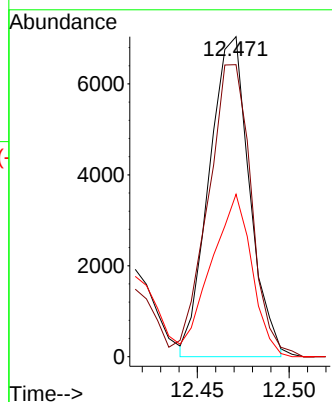
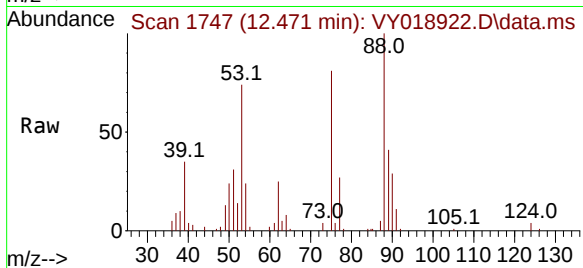




#81
trans-1,4-Dichloro-2-butene
Concen: 45.783 ug/l m
RT: 12.471 min Scan# 1
Delta R.T. 0.098 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

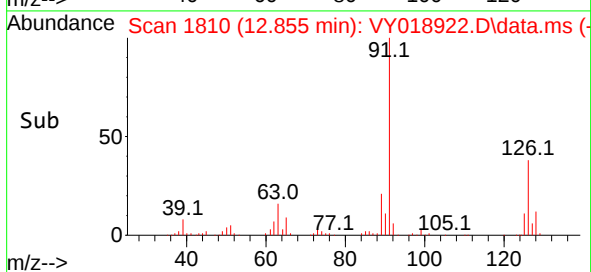
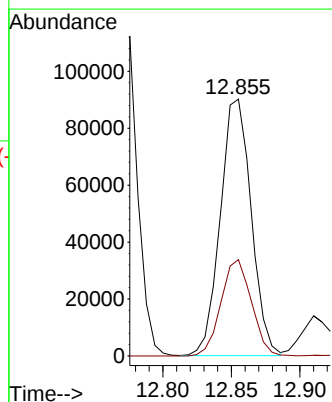
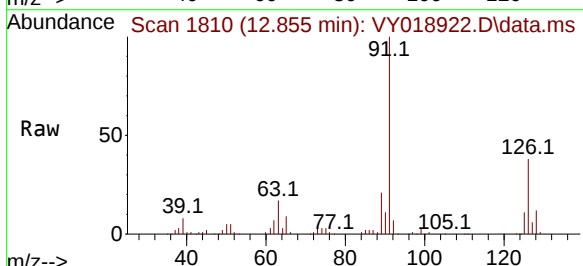
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

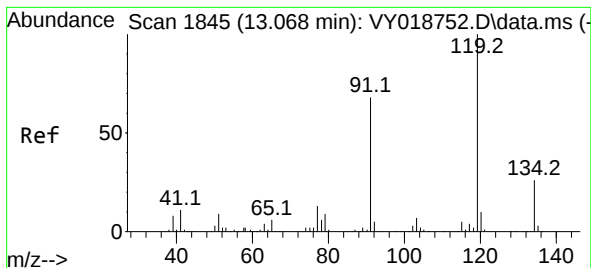
Tgt Ion: 75 Resp: 10730
Ion Ratio Lower Upper
75 100
53 21.6 66.8 100.2#
89 27.8 35.8 53.6#



#82
4-Chlorotoluene
Concen: 42.029 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion: 91 Resp: 141638
Ion Ratio Lower Upper
91 100
126 36.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 42.576 ug/l

RT: 13.178 min Scan# 1863

Delta R.T. 0.110 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

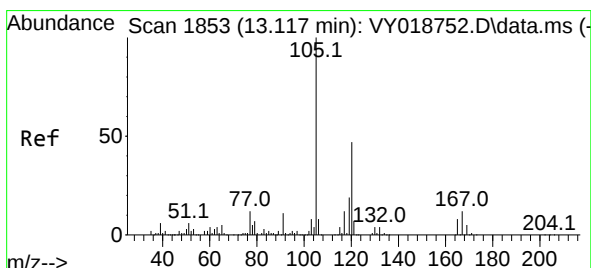
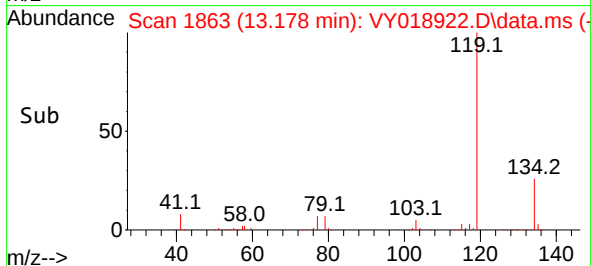
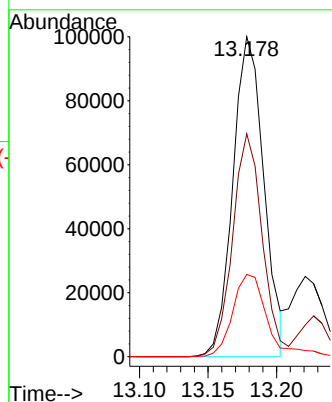
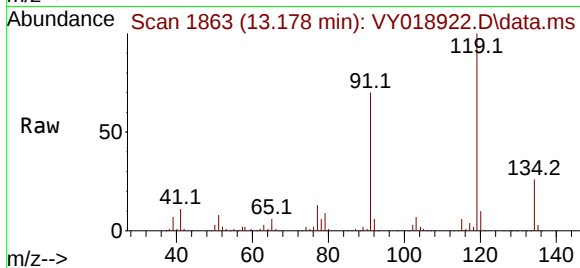
Tgt Ion:119 Resp: 157636

Ion Ratio Lower Upper

119 100

91 66.7 31.3 93.8

134 28.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 41.867 ug/l

RT: 13.227 min Scan# 1871

Delta R.T. 0.110 min

Lab File: VY018922.D

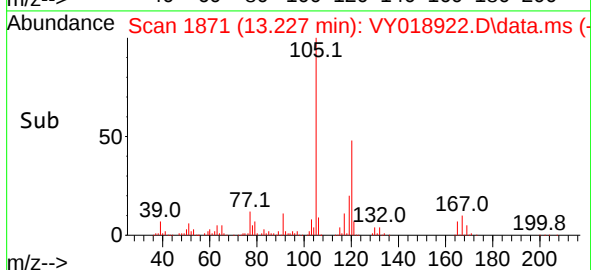
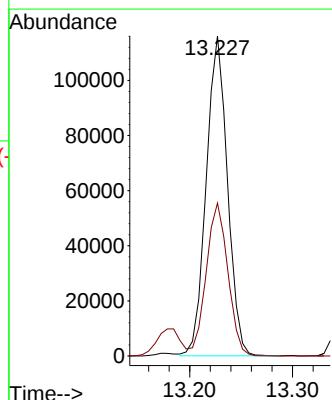
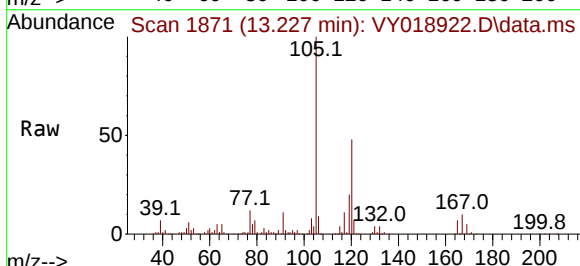
Acq: 25 Jul 2024 20:34

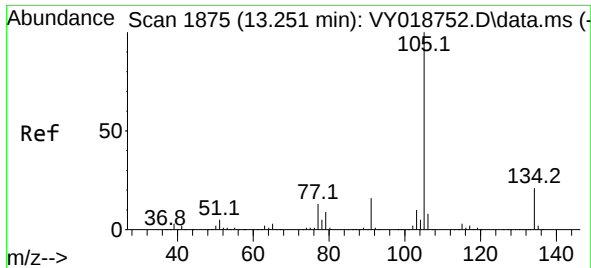
Tgt Ion:105 Resp: 166846

Ion Ratio Lower Upper

105 100

120 48.8 23.2 69.6

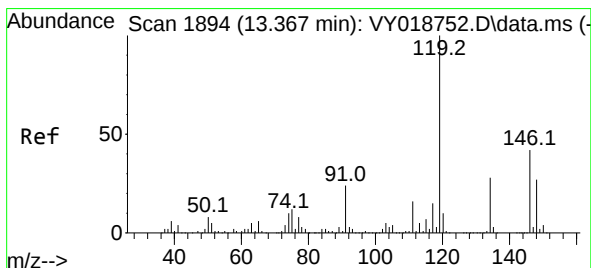
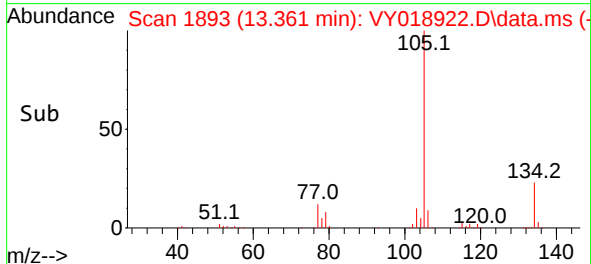
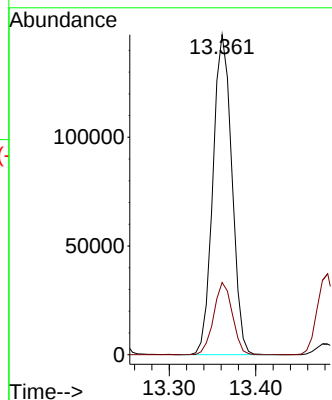
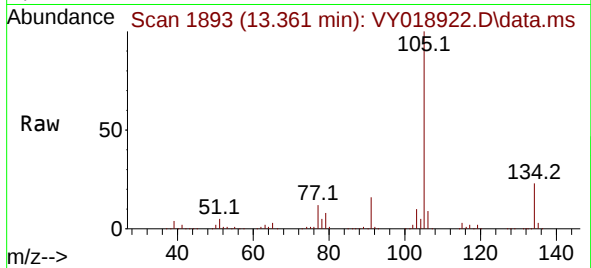




#85
 sec-Butylbenzene
 Concen: 42.552 ug/l
 RT: 13.361 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY018922.D
 Acq: 25 Jul 2024 20:34

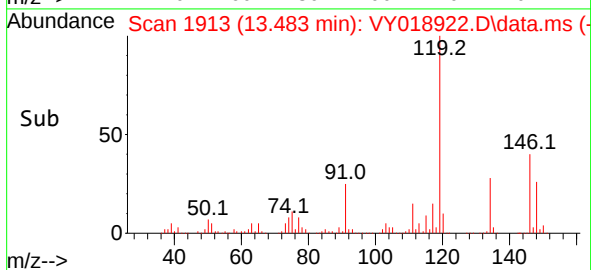
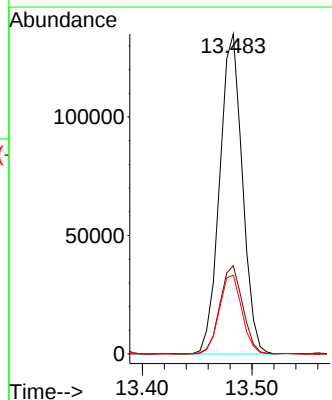
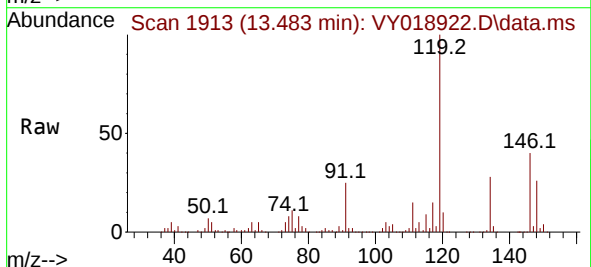
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

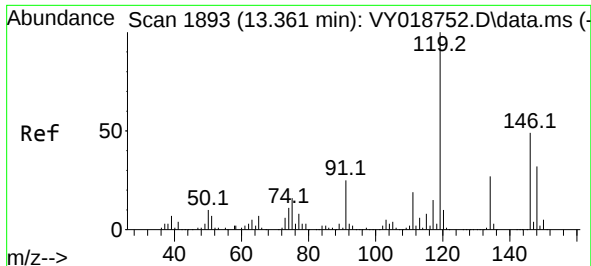
Tgt Ion:105 Resp: 223626
 Ion Ratio Lower Upper
 105 100
 134 22.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 42.899 ug/l
 RT: 13.483 min Scan# 1913
 Delta R.T. 0.116 min
 Lab File: VY018922.D
 Acq: 25 Jul 2024 20:34

Tgt Ion:119 Resp: 194628
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.1 39.3
 91 24.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 43.986 ug/l

RT: 13.477 min Scan# 1912

Delta R.T. 0.116 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

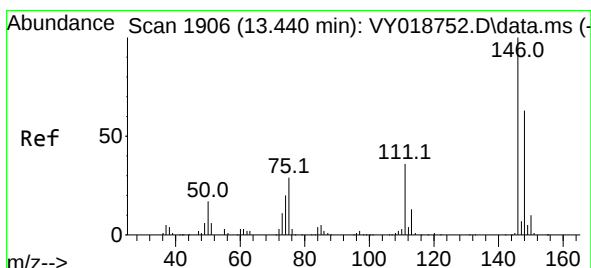
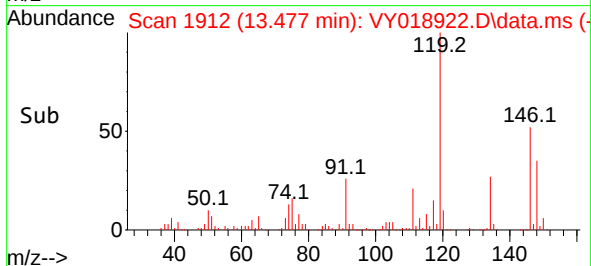
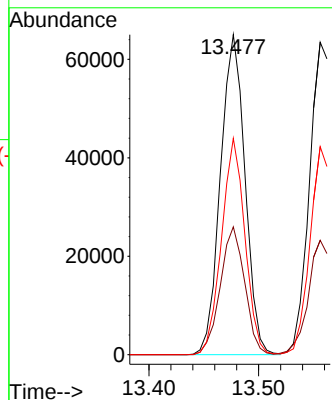
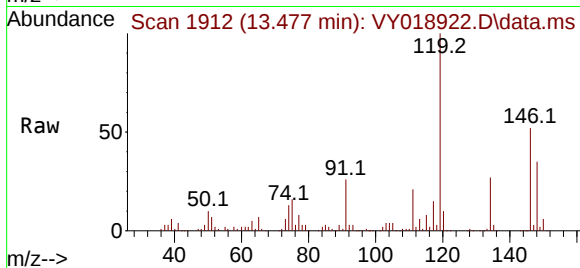
Tgt Ion:146 Resp: 101085

Ion Ratio Lower Upper

146 100

111 39.7 19.0 57.0

148 64.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 43.922 ug/l m

RT: 13.556 min Scan# 1925

Delta R.T. 0.116 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

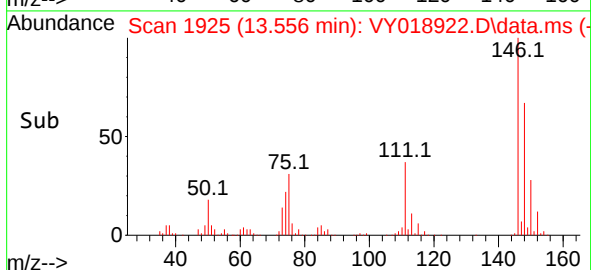
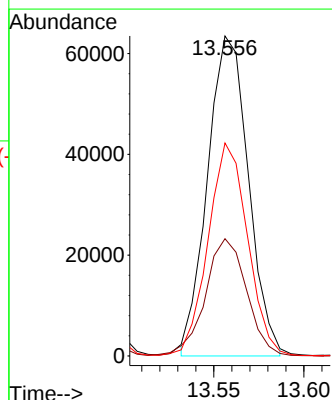
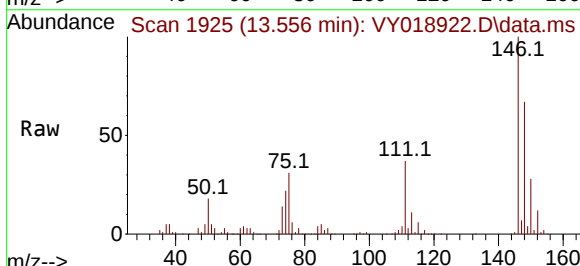
Tgt Ion:146 Resp: 100042

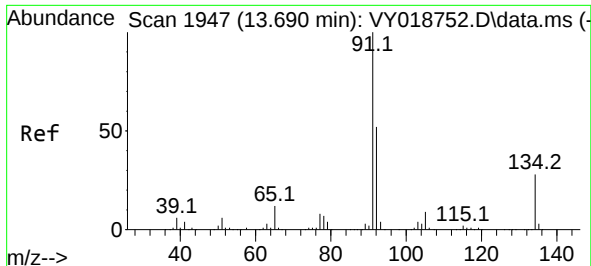
Ion Ratio Lower Upper

146 100

111 40.1 18.4 55.4

148 65.1 32.4 97.2





#89

n-Butylbenzene

Concen: 40.854 ug/l

RT: 13.818 min Scan# 1947

Delta R.T. 0.128 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

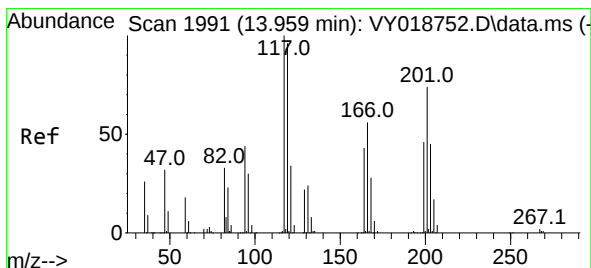
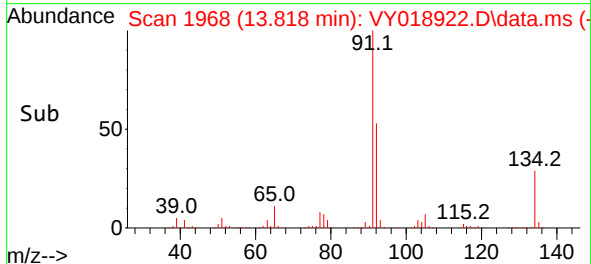
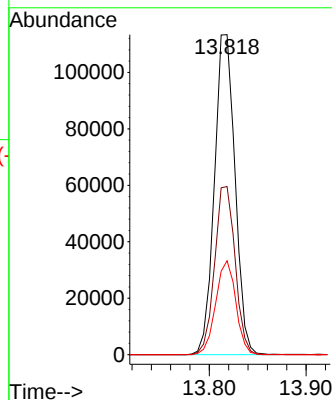
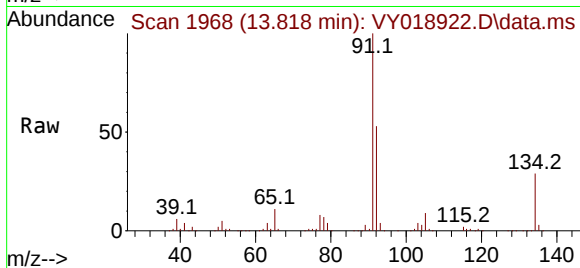
Tgt Ion: 91 Resp: 168037

Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.7

134 28.6 12.9 38.7



#90

Hexachloroethane

Concen: 42.665 ug/l

RT: 14.087 min Scan# 2012

Delta R.T. 0.128 min

Lab File: VY018922.D

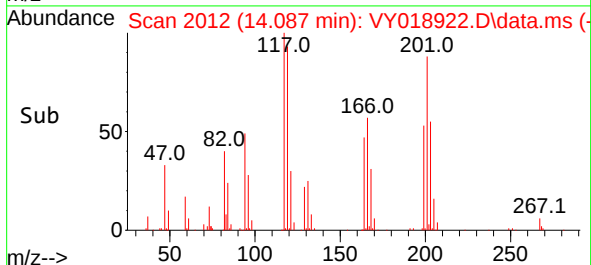
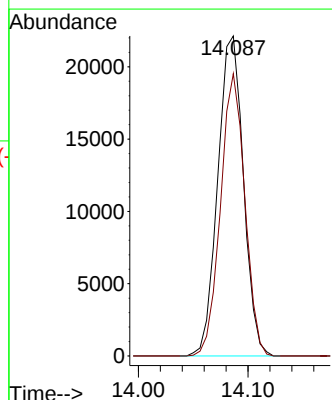
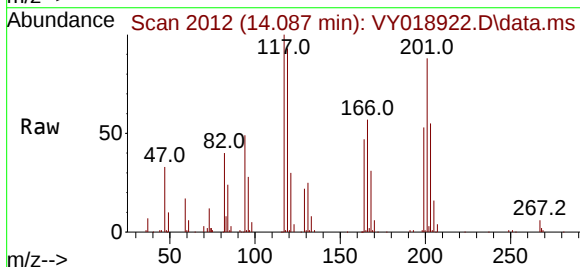
Acq: 25 Jul 2024 20:34

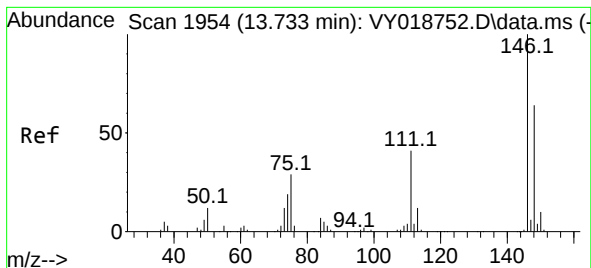
Tgt Ion: 117 Resp: 35999

Ion Ratio Lower Upper

117 100

201 83.4 37.4 112.2

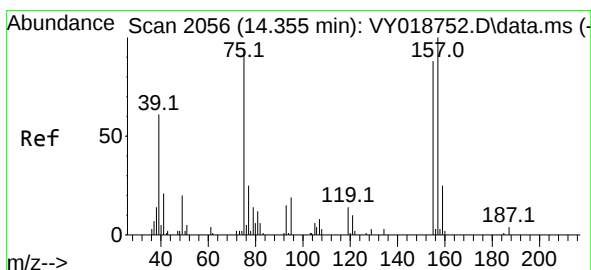
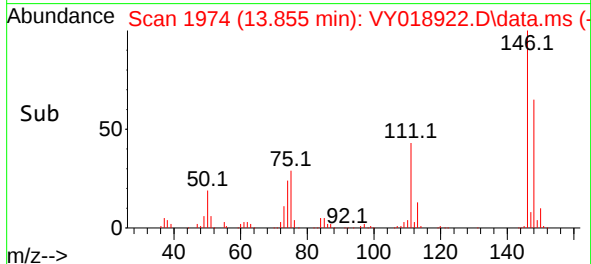
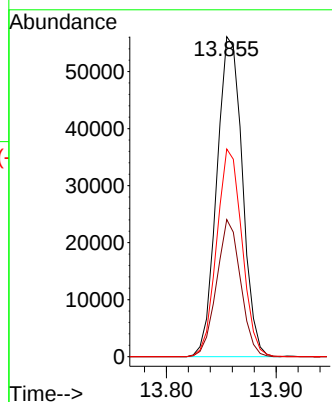
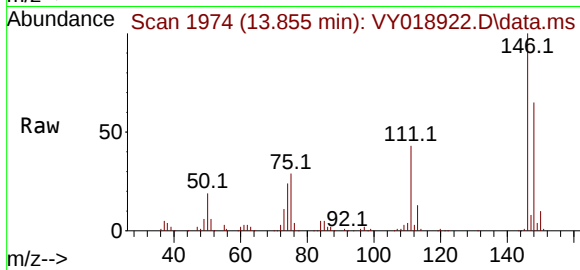




#91
1,2-Dichlorobenzene
Concen: 45.817 ug/l
RT: 13.855 min Scan# 1954
Delta R.T. 0.122 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

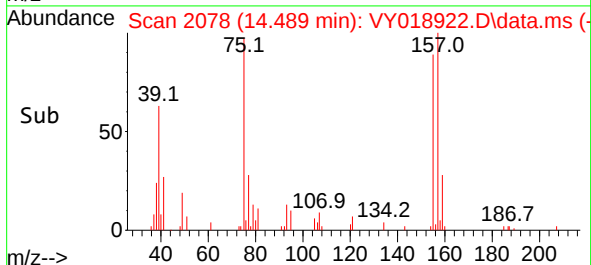
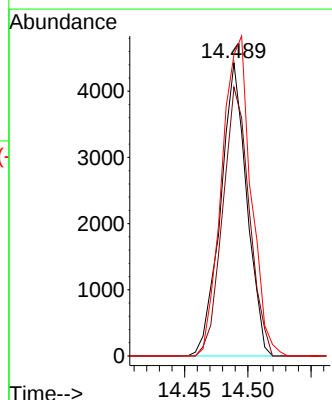
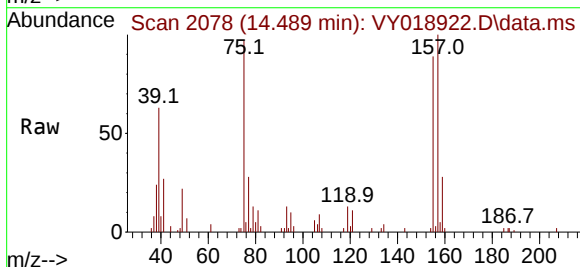
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

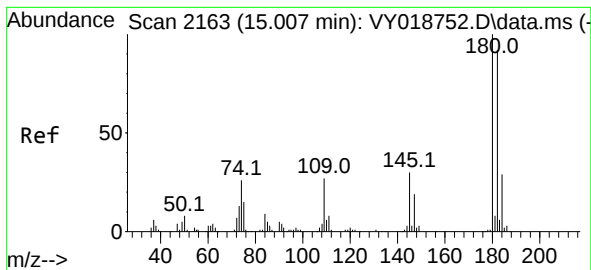
Tgt Ion:146 Resp: 90953
Ion Ratio Lower Upper
146 100
111 40.2 19.9 59.7
148 64.2 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.854 ug/l
RT: 14.489 min Scan# 2078
Delta R.T. 0.134 min
Lab File: VY018922.D
Acq: 25 Jul 2024 20:34

Tgt Ion: 75 Resp: 6367
Ion Ratio Lower Upper
75 100
155 93.0 48.6 145.8
157 121.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 45.839 ug/l

RT: 15.166 min Scan# 2163

Delta R.T. 0.159 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

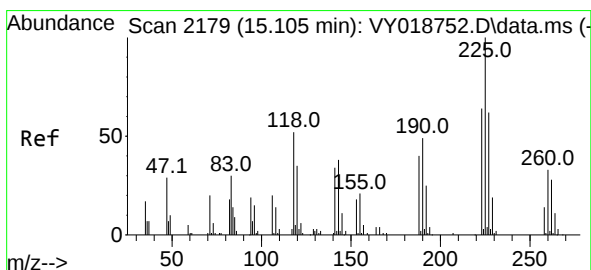
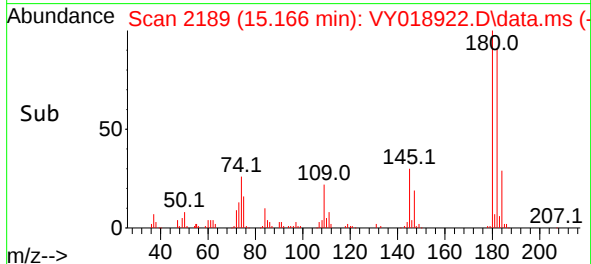
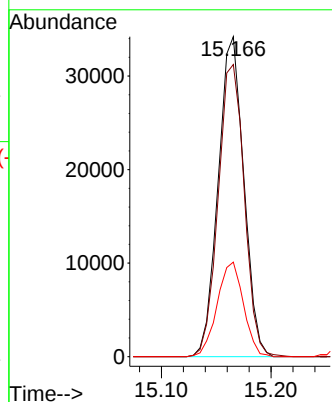
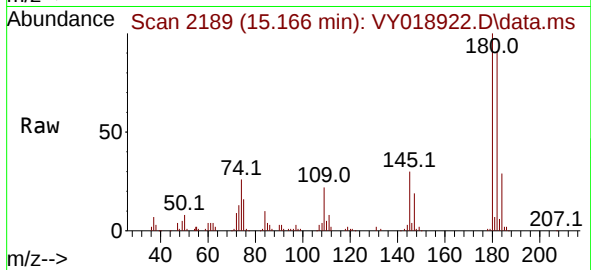
Tgt Ion:180 Resp: 55548

Ion Ratio Lower Upper

180 100

182 93.0 47.9 143.8

145 30.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 45.110 ug/l

RT: 15.275 min Scan# 2207

Delta R.T. 0.171 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

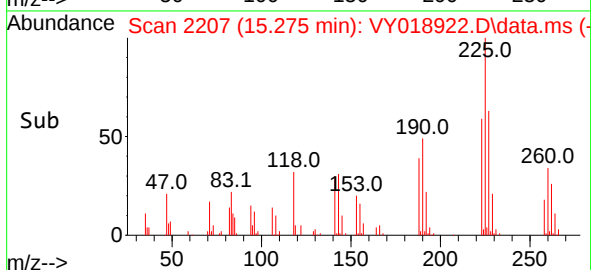
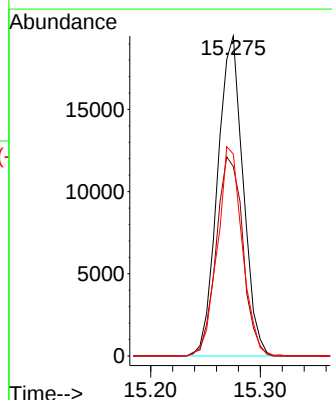
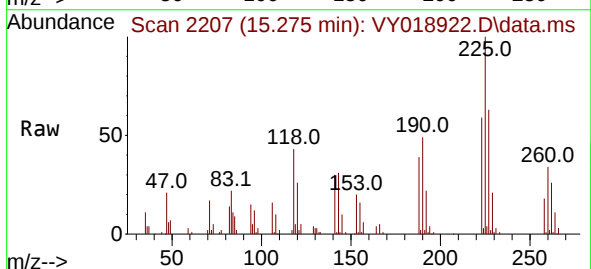
Tgt Ion:225 Resp: 31509

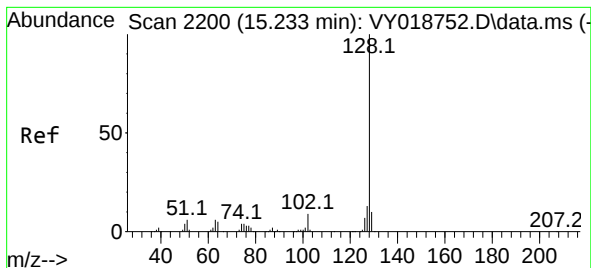
Ion Ratio Lower Upper

225 100

223 64.9 30.4 91.2

227 63.7 31.9 95.9





#95

Naphthalene

Concen: 48.221 ug/l

RT: 15.403 min Scan# 21

Delta R.T. 0.171 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

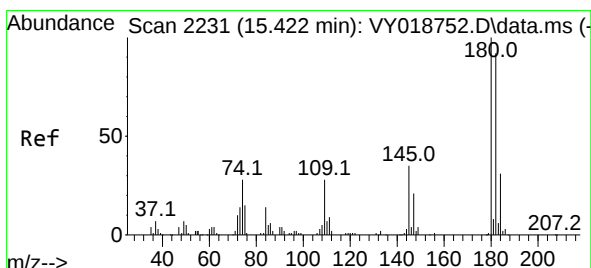
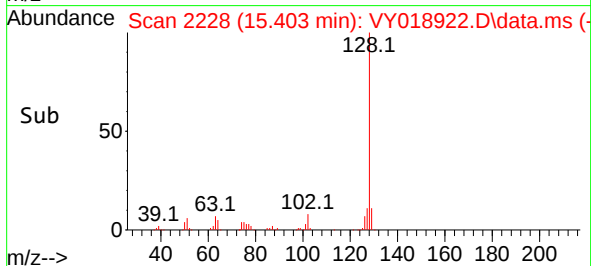
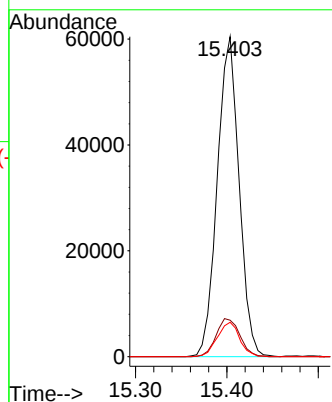
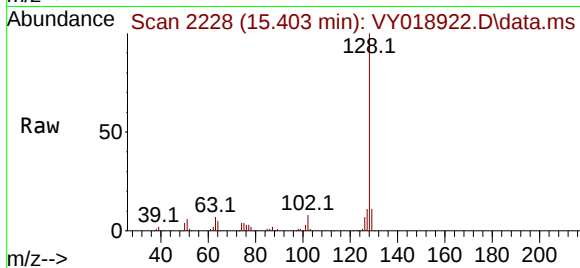
Tgt Ion:128 Resp: 100245

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.693 ug/l

RT: 15.599 min Scan# 2260

Delta R.T. 0.177 min

Lab File: VY018922.D

Acq: 25 Jul 2024 20:34

Tgt Ion:180 Resp: 48414

Ion Ratio Lower Upper

180 100

182 93.6 47.6 142.9

145 31.9 15.4 46.1

