

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019241.D
 Acq On : 23 Aug 2024 01:03
 Operator : SY/MD
 Sample : VY0822SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 02:03:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	137674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	232607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	187103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	94486	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	71823	52.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.080%	
35) Dibromofluoromethane	7.628	113	71792	47.203	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.400%	
50) Toluene-d8	10.103	98	261738	47.821	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.640%	
62) 4-Bromofluorobenzene	12.408	95	69213	37.095	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 74.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	20330	20.127	ug/l	98
3) Chloromethane	2.068	50	29967	16.459	ug/l	98
4) Vinyl Chloride	2.202	62	34061	15.146	ug/l	99
5) Bromomethane	2.586	94	25693	14.515	ug/l	92
6) Chloroethane	2.732	64	22261	14.420	ug/l	99
7) Trichlorofluoromethane	3.049	101	48676	14.316	ug/l	94
8) Diethyl Ether	3.446	74	12084	16.465	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	29544	19.545	ug/l	98
10) Methyl Iodide	4.000	142	28216	19.044	ug/l	95
11) Tert butyl alcohol	4.836	59	20906	163.422	ug/l #	94
12) 1,1-Dichloroethene	3.787	96	27897	20.314	ug/l	97
13) Acrolein	3.647	56	9332	76.346	ug/l	95
14) Allyl chloride	4.372	41	40825	22.359	ug/l	93
15) Acrylonitrile	5.049	53	34202	113.895	ug/l	98
16) Acetone	3.860	43	26328	102.868	ug/l	95
17) Carbon Disulfide	4.098	76	73758	19.042	ug/l	97
18) Methyl Acetate	4.372	43	18242	23.223	ug/l	95
19) Methyl tert-butyl Ether	5.104	73	71850	21.580	ug/l	95
20) Methylene Chloride	4.610	84	45243	22.926	ug/l	90
21) trans-1,2-Dichloroethene	5.104	96	30532	19.900	ug/l	93
22) Diisopropyl ether	6.012	45	93415	22.349	ug/l	93
23) Vinyl Acetate	5.951	43	353580	106.846	ug/l	96
24) 1,1-Dichloroethane	5.915	63	53209	20.816	ug/l	95
25) 2-Butanone	6.878	43	43159	104.709	ug/l	93
26) 2,2-Dichloropropane	6.878	77	39268	18.970	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	38301	21.213	ug/l	97
28) Bromochloromethane	7.238	49	21979	20.498	ug/l	93
29) Tetrahydrofuran	7.256	42	28771	108.586	ug/l	89
30) Chloroform	7.415	83	61422	21.564	ug/l	99
31) Cyclohexane	7.695	56	43553	19.447	ug/l #	94
32) 1,1,1-Trichloroethane	7.616	97	53607	21.416	ug/l	100
36) 1,1-Dichloropropene	7.829	75	40773	19.523	ug/l	97
37) Ethyl Acetate	6.969	43	20436	22.086	ug/l	95
38) Carbon Tetrachloride	7.811	117	46931	19.390	ug/l	97
39) Methylcyclohexane	9.103	83	47336	17.662	ug/l	94
40) Benzene	8.073	78	127435	19.895	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	10440	20.672	ug/l	91
42) 1,2-Dichloroethane	8.152	62	35121	20.305	ug/l	96
43) Isopropyl Acetate	8.189	43	38378	20.508	ug/l #	83
44) Trichloroethene	8.859	130	33855	18.942	ug/l	95
45) 1,2-Dichloropropane	9.140	63	29428	20.621	ug/l	97
46) Dibromomethane	9.231	93	18112	19.567	ug/l	96
47) Bromodichloromethane	9.420	83	46061	20.283	ug/l #	99
48) Methyl methacrylate	9.219	41	18099	21.702	ug/l	86
49) 1,4-Dioxane	9.225	88	4370	389.737	ug/l #	92
51) 4-Methyl-2-Pentanone	9.999	43	102362	103.060	ug/l	92
52) Toluene	10.170	92	82352	19.586	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	37555	19.936	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	44186	19.504	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	24148	20.265	ug/l	92
56) Ethyl methacrylate	10.438	69	30122	19.313	ug/l #	87
57) 1,3-Dichloropropane	10.719	76	39651	20.413	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	73259	99.011	ug/l	99
59) 2-Hexanone	10.761	43	67753	99.291	ug/l	89
60) Dibromochloromethane	10.914	129	31718	19.543	ug/l	99
61) 1,2-Dibromoethane	11.018	107	21676	18.821	ug/l	96
64) Tetrachloroethene	10.646	164	34477	21.081	ug/l	97
65) Chlorobenzene	11.444	112	75621	17.552	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	27367	18.063	ug/l	97
67) Ethyl Benzene	11.524	91	129320	17.294	ug/l	99
68) m/p-Xylenes	11.627	106	115827	39.037	ug/l	99
69) o-Xylene	11.956	106	45127	16.424	ug/l	98
70) Styrene	11.969	104	77452	16.530	ug/l	99
71) Bromoform	12.133	173	14181	16.374	ug/l #	99
73) Isopropylbenzene	12.255	105	117835	16.271	ug/l	100
74) N-amyl acetate	12.072	43	24414	15.460	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	21402	16.600	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	26022	27.926	ug/l #	100
77) Bromobenzene	12.536	156	28808	16.564	ug/l	96
78) n-propylbenzene	12.597	91	139871	16.157	ug/l	99
79) 2-Chlorotoluene	12.682	91	83127	17.127	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	100434	17.024	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	5575	14.776	ug/l	85
82) 4-Chlorotoluene	12.779	91	85666	16.965	ug/l	97
83) tert-Butylbenzene	12.999	119	96175	17.653	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	113373	19.281	ug/l	100
85) sec-Butylbenzene	13.176	105	156397	19.699	ug/l	100
86) p-Isopropyltoluene	13.292	119	127274	19.516	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	68727	20.037	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	67818	19.891	ug/l	96
89) n-Butylbenzene	13.621	91	114658	19.284	ug/l	99
90) Hexachloroethane	13.883	117	25557	19.883	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	61088	20.250	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3609	19.028	ug/l	93
93) 1,2,4-Trichlorobenzene	14.925	180	30254	17.784	ug/l	98
94) Hexachlorobutadiene	15.023	225	17756	20.038	ug/l	98
95) Naphthalene	15.145	128	57142	18.821	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	27267	19.004	ug/l	99

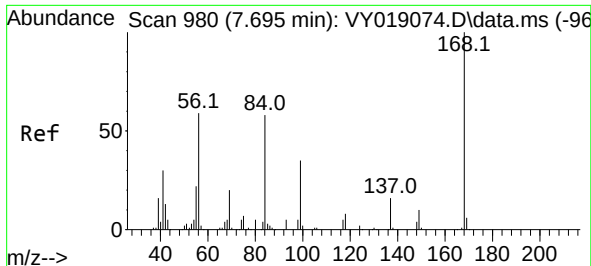
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
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Acq On : 23 Aug 2024 01:03
Operator : SY/MD
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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Response via : Initial Calibration

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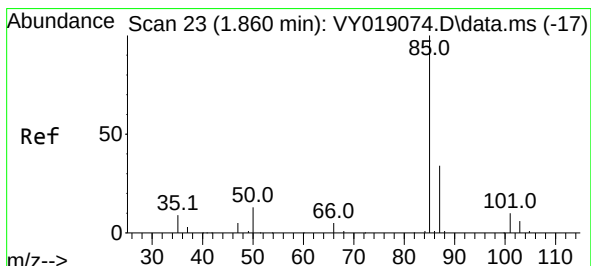
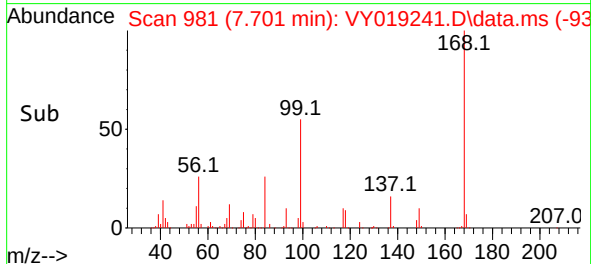
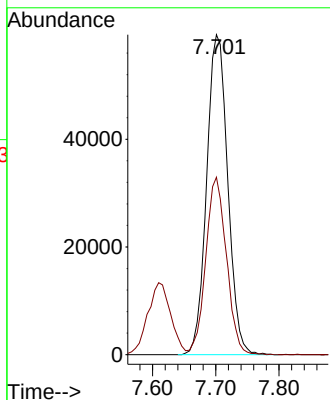
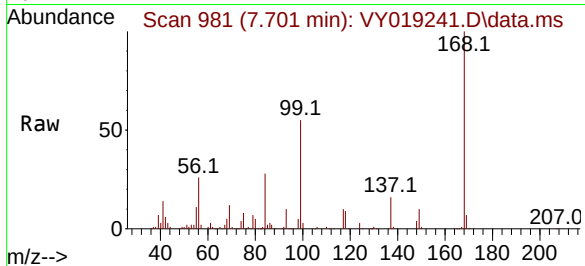
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

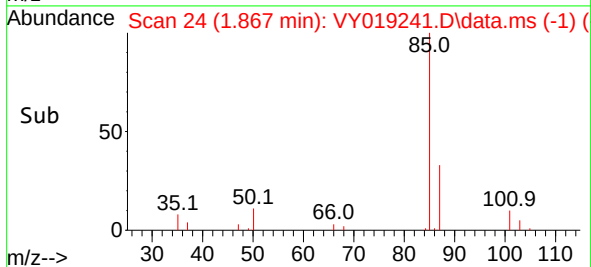
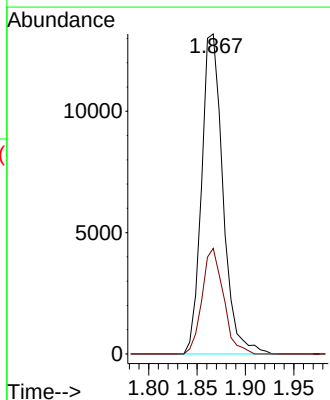
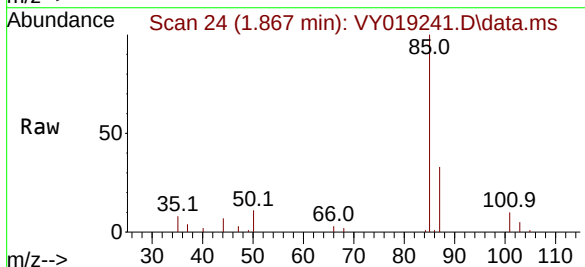
Instrument :
MSVOA_Y
ClientSampleId :

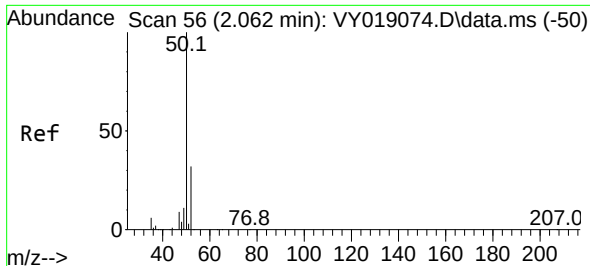
Tgt Ion:168 Resp: 137674
Ion Ratio Lower Upper
168 100
99 55.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 20.127 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Tgt Ion: 85 Resp: 20330
Ion Ratio Lower Upper
85 100
87 33.0 16.0 48.0

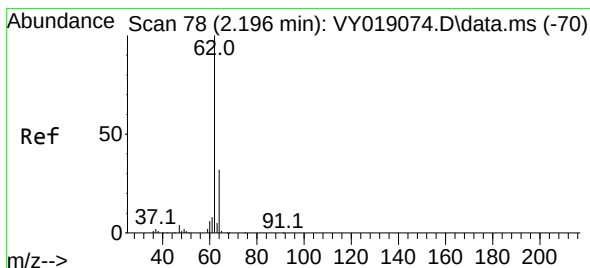
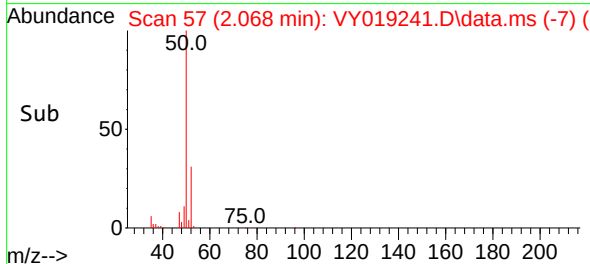
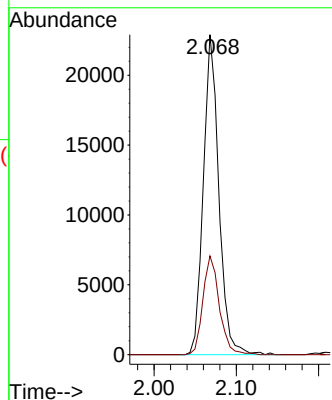
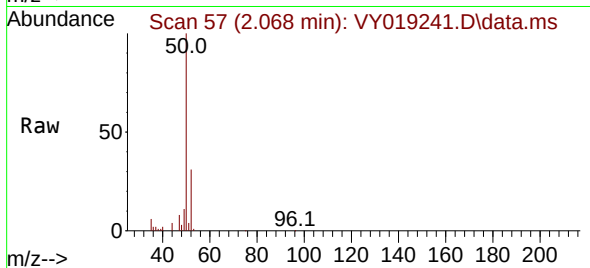




#3
Chloromethane
Concen: 16.459 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

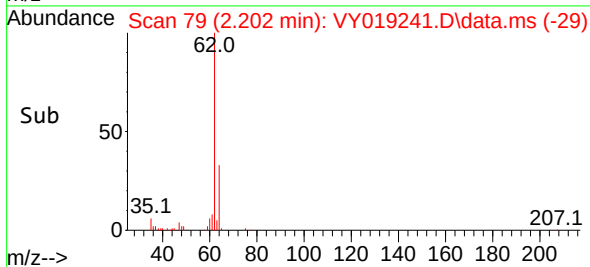
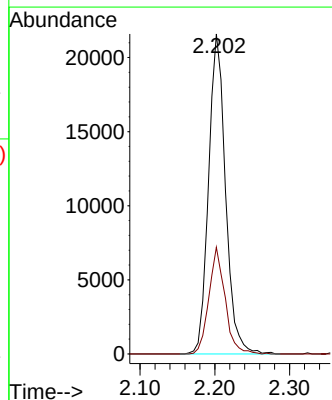
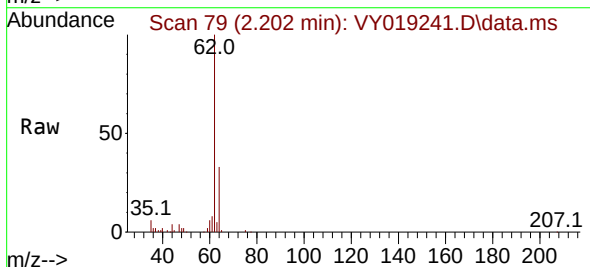
Instrument :
MSVOA_Y
ClientSampleId :

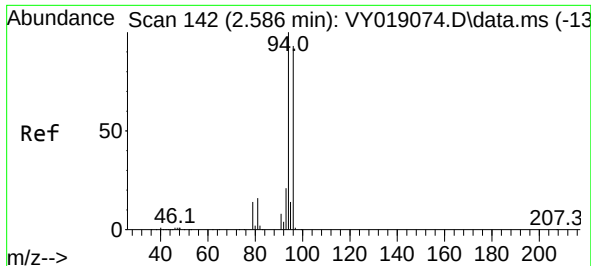
Tgt Ion: 50 Resp: 29967
Ion Ratio Lower Upper
50 100
52 30.9 25.6 38.4



#4
Vinyl Chloride
Concen: 15.146 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

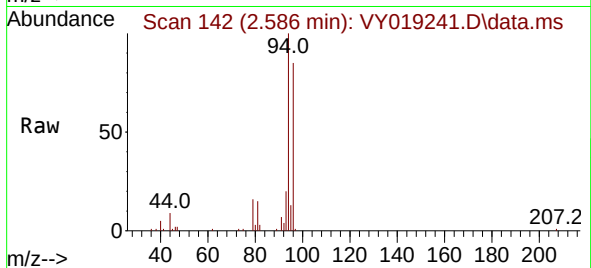
Tgt Ion: 62 Resp: 34061
Ion Ratio Lower Upper
62 100
64 33.3 26.1 39.1



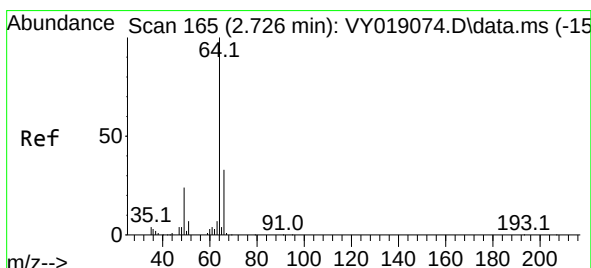
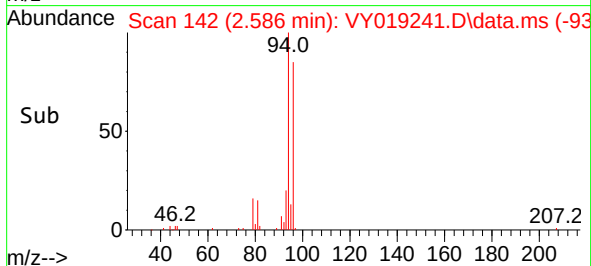
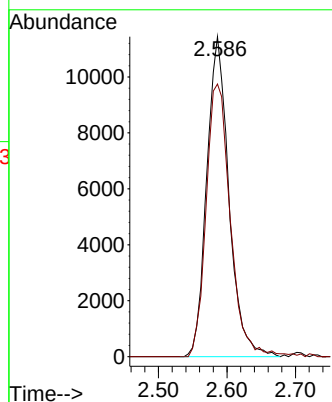


#5
Bromomethane
Concen: 14.515 ug/l
RT: 2.586 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Instrument :
MSVOA_Y
ClientSampleId :

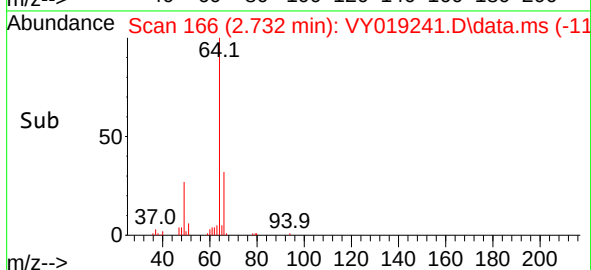
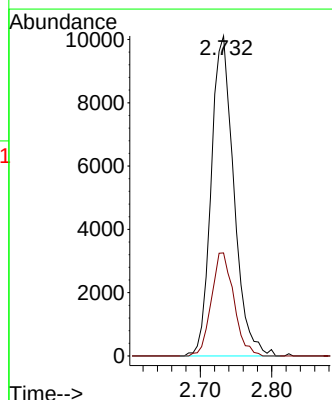
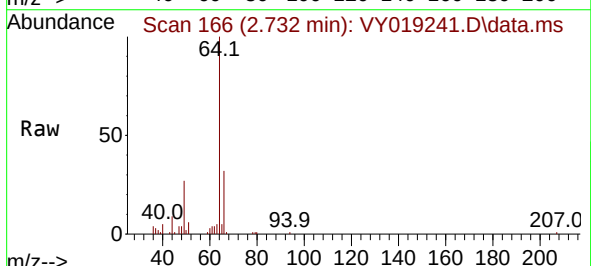


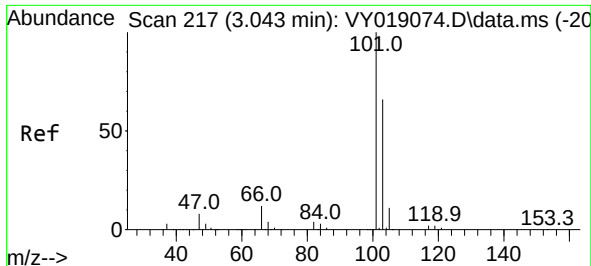
Tgt Ion: 94 Resp: 25693
Ion Ratio Lower Upper
94 100
96 85.2 74.1 111.1



#6
Chloroethane
Concen: 14.420 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Tgt Ion: 64 Resp: 22261
Ion Ratio Lower Upper
64 100
66 32.2 26.1 39.1

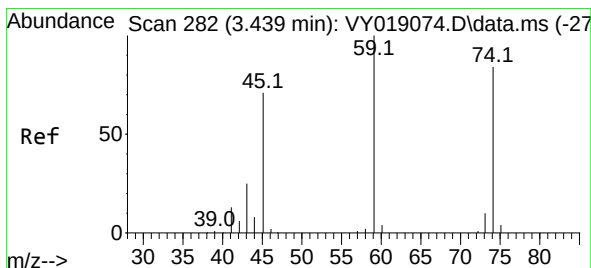
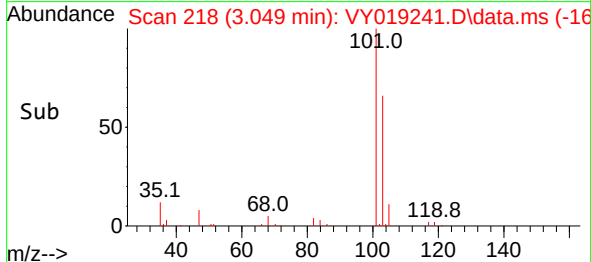
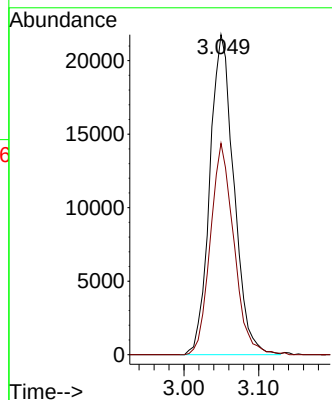
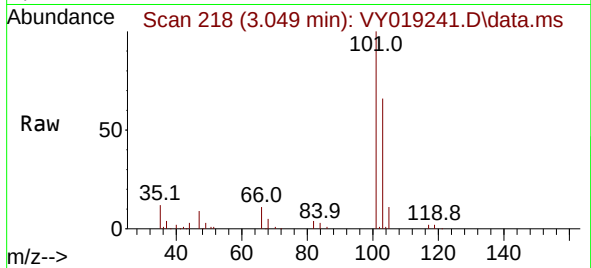




#7
 Trichlorofluoromethane
 Concen: 14.316 ug/l
 RT: 3.049 min Scan# 217
 Delta R.T. 0.006 min
 Lab File: VY019241.D
 Acq: 23 Aug 2024 01:03

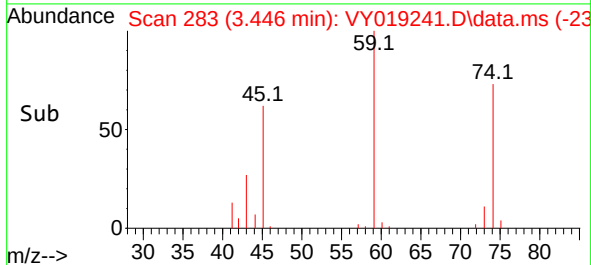
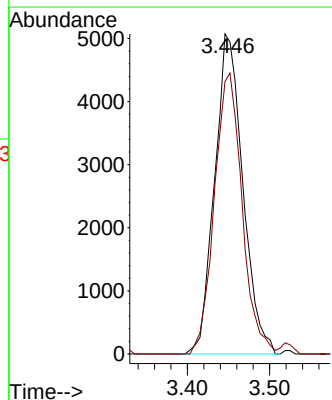
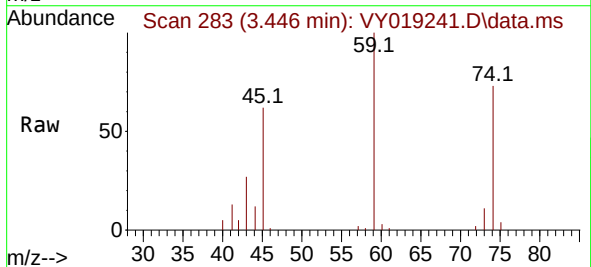
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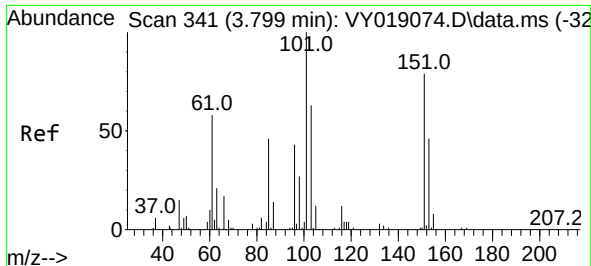
Tgt Ion:101 Resp: 48676
 Ion Ratio Lower Upper
 101 100
 103 66.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 16.465 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019241.D
 Acq: 23 Aug 2024 01:03

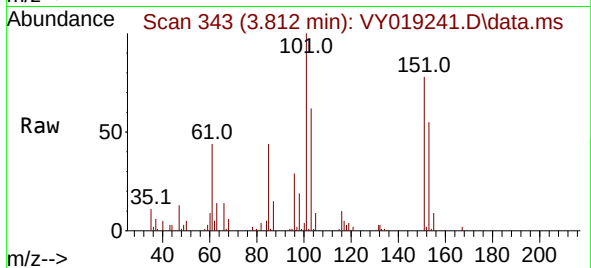
Tgt Ion: 74 Resp: 12084
 Ion Ratio Lower Upper
 74 100
 45 86.2 41.3 124.1



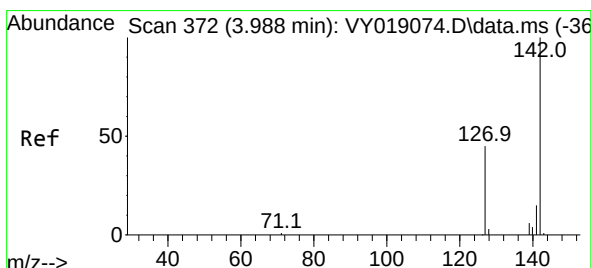
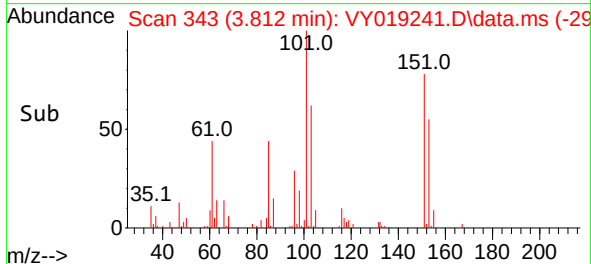
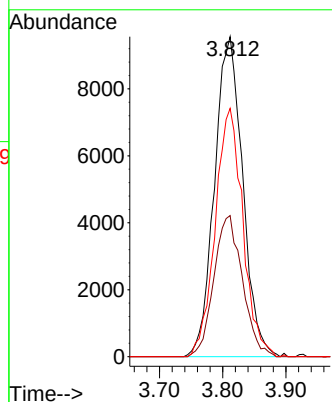


#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.545 ug/l
RT: 3.812 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Instrument :
MSVOA_Y
ClientSampleId :

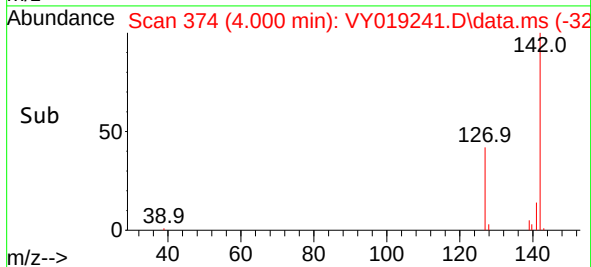
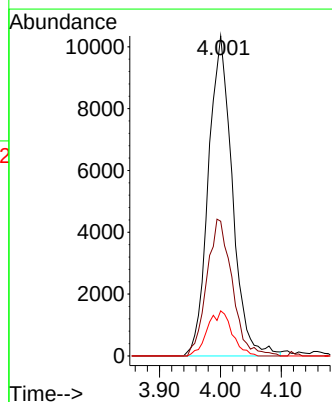
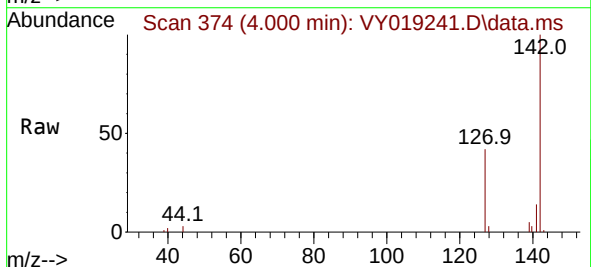


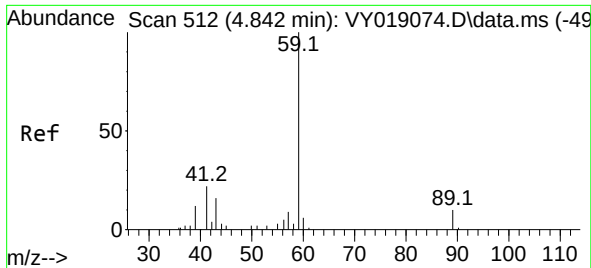
Tgt Ion:	101	Resp:	29544
Ion	Ratio	Lower	Upper
101	100		
85	44.6	34.5	51.7
151	76.1	61.7	92.5



#10
Methyl Iodide
Concen: 19.044 ug/l
RT: 4.000 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Tgt Ion:	142	Resp:	28216
Ion	Ratio	Lower	Upper
142	100		
127	45.3	32.8	49.2
141	14.5	11.4	17.2

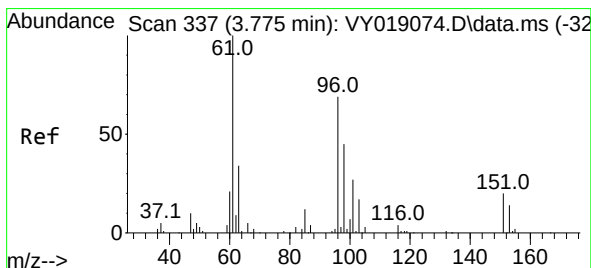
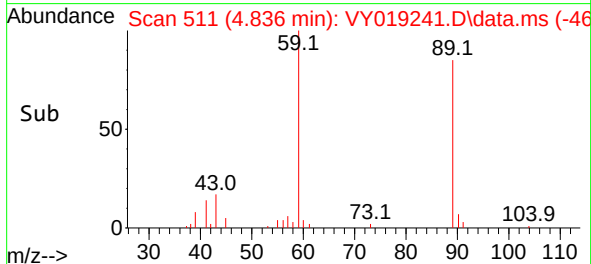
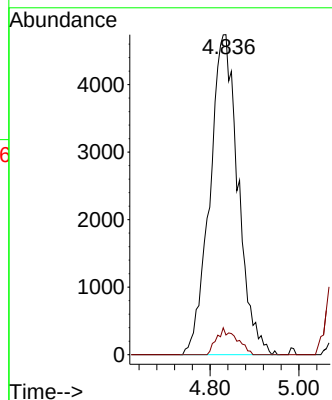
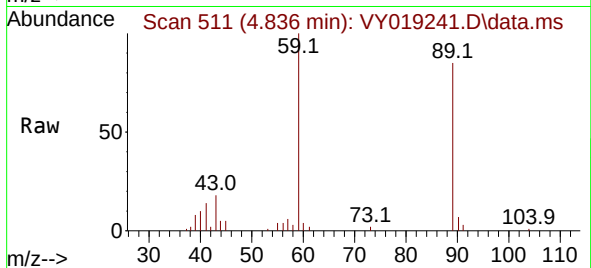




#11
Tert butyl alcohol
Concen: 163.422 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

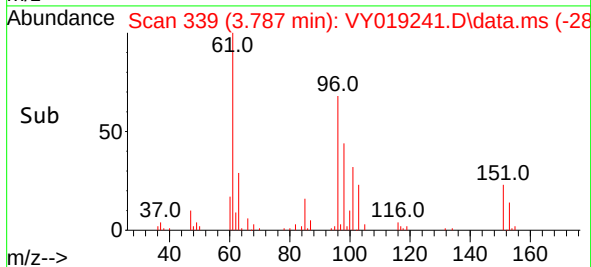
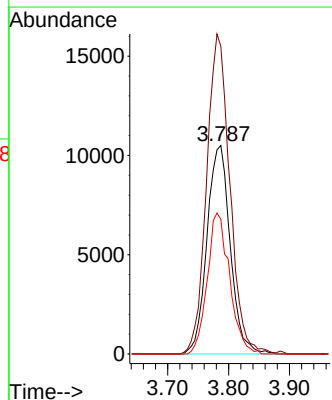
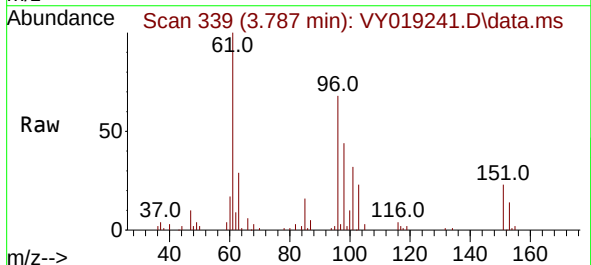
Instrument :
MSVOA_Y
ClientSampleId :

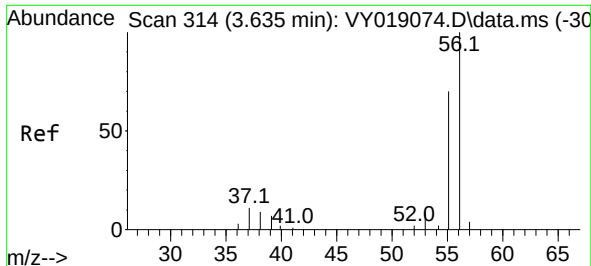
Tgt Ion: 59 Resp: 20906
Ion Ratio Lower Upper
59 100
57 5.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.314 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.012 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Tgt Ion: 96 Resp: 27897
Ion Ratio Lower Upper
96 100
61 147.5 114.6 171.8
98 64.6 50.8 76.2





#13

Acrolein

Concen: 76.346 ug/l

RT: 3.647 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

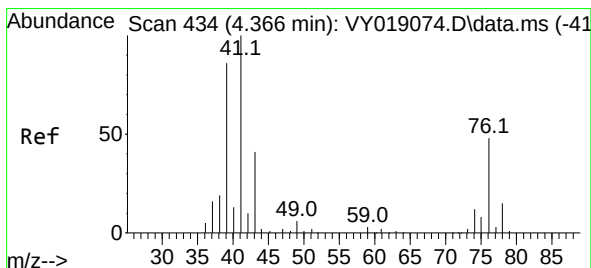
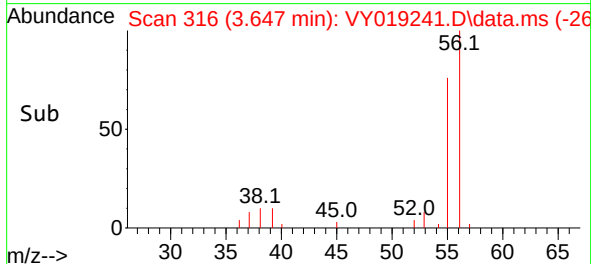
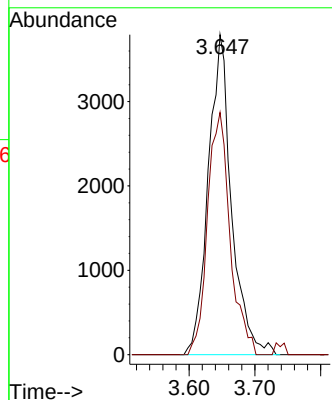
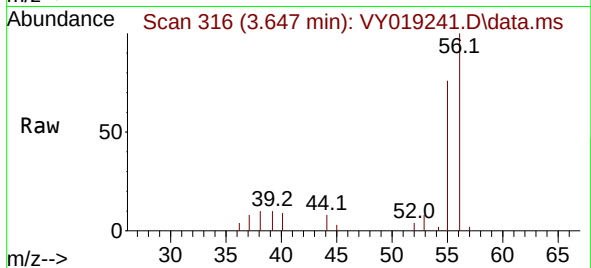
ClientSampleId :

Tgt Ion: 56 Resp: 9332

Ion Ratio Lower Upper

56 100

55 73.5 55.7 83.5



#14

Allyl chloride

Concen: 22.359 ug/l

RT: 4.372 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

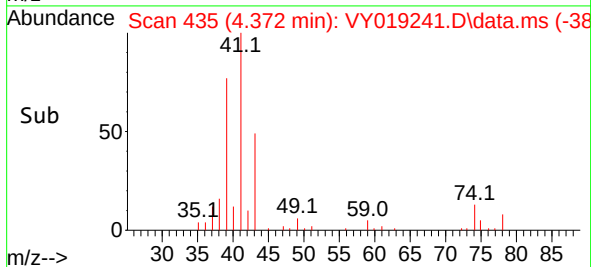
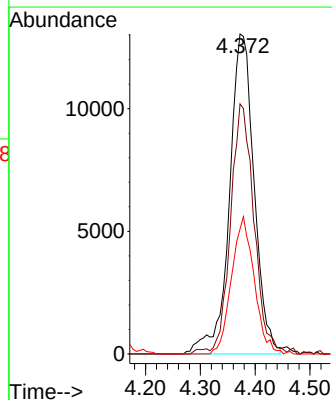
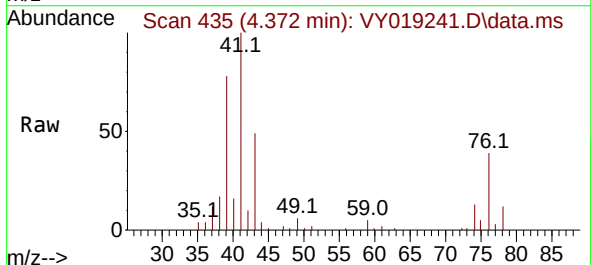
Tgt Ion: 41 Resp: 40825

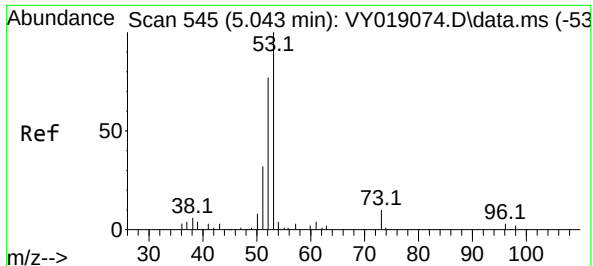
Ion Ratio Lower Upper

41 100

39 74.3 58.3 87.5

76 39.5 39.0 58.6

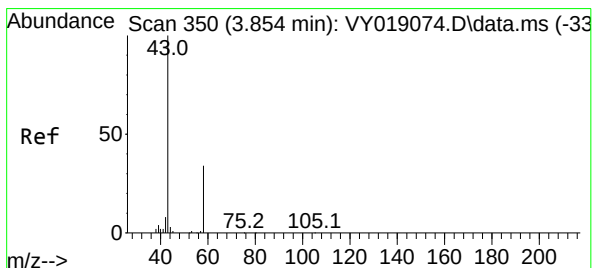
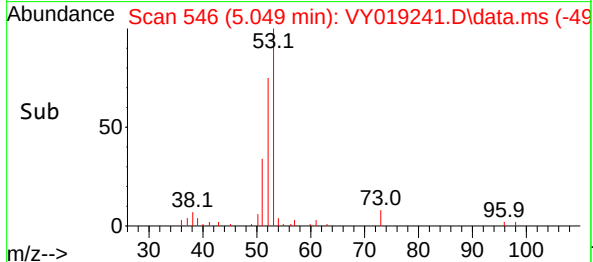
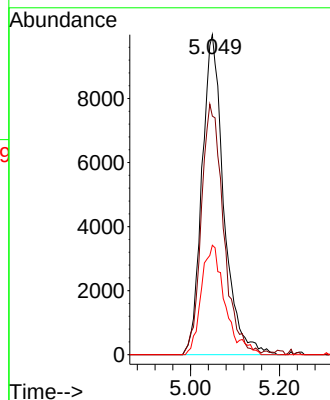
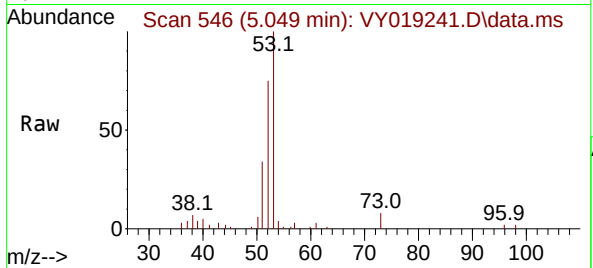




#15
Acrylonitrile
Concen: 113.895 ug/l
RT: 5.049 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

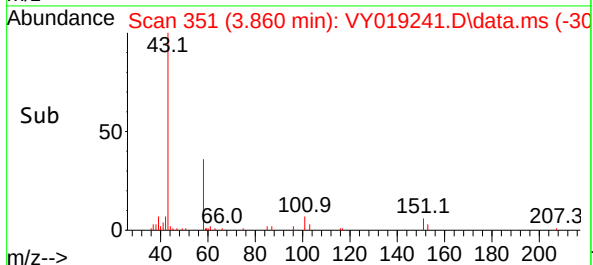
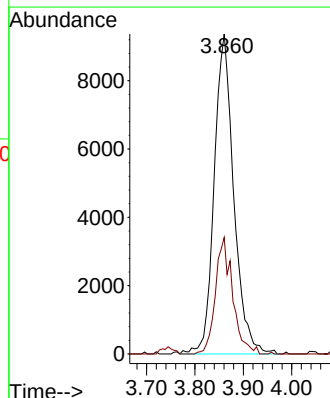
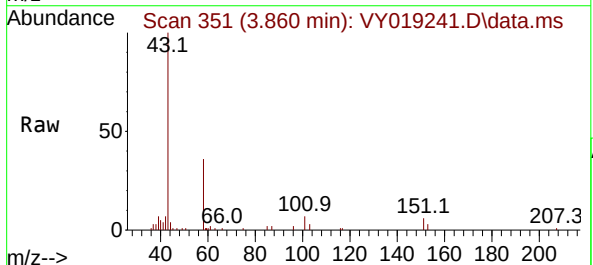
Instrument :
MSVOA_Y
ClientSampleId :

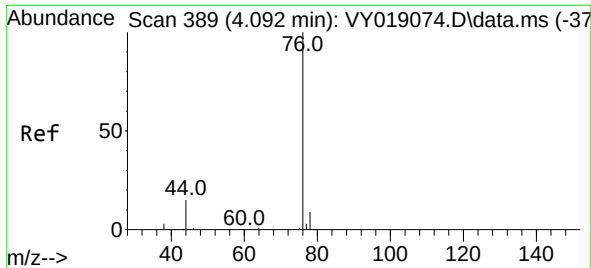
Tgt Ion	Ratio	Lower	Upper
53	100		
52	79.6	64.7	97.1
51	37.0	28.4	42.6



#16
Acetone
Concen: 102.868 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.4	31.7	47.5





#17

Carbon Disulfide

Concen: 19.042 ug/l

RT: 4.098 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

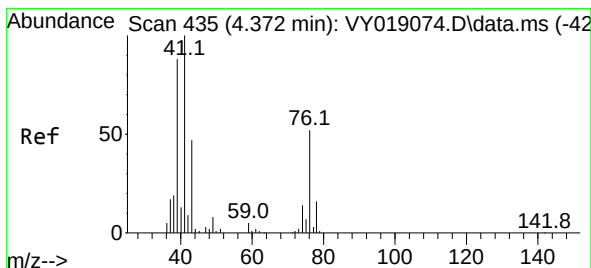
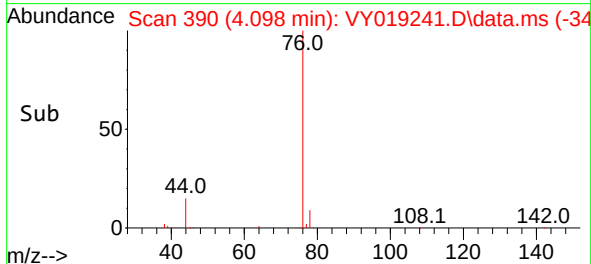
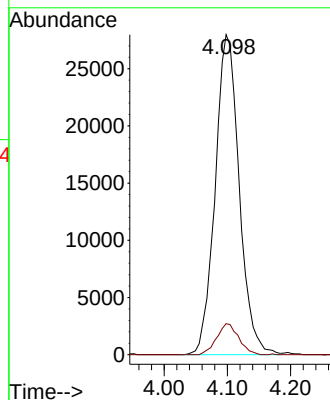
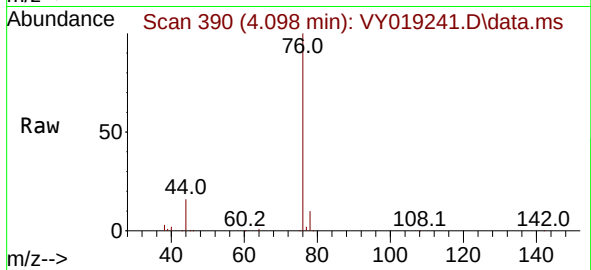
ClientSampleId :

Tgt Ion: 76 Resp: 73758

Ion Ratio Lower Upper

76 100

78 9.7 6.8 10.2



#18

Methyl Acetate

Concen: 23.223 ug/l

RT: 4.372 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY019241.D

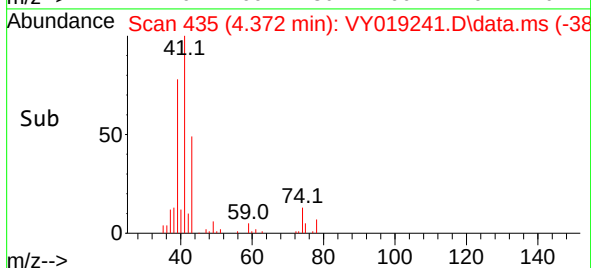
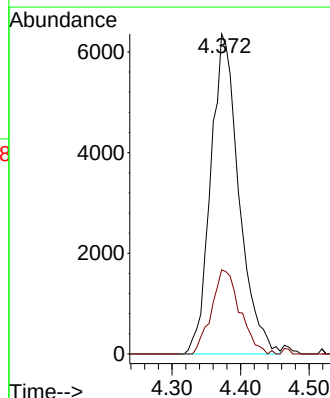
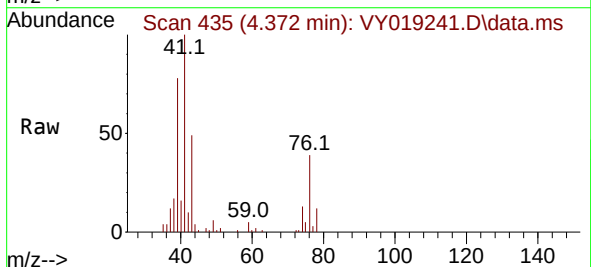
Acq: 23 Aug 2024 01:03

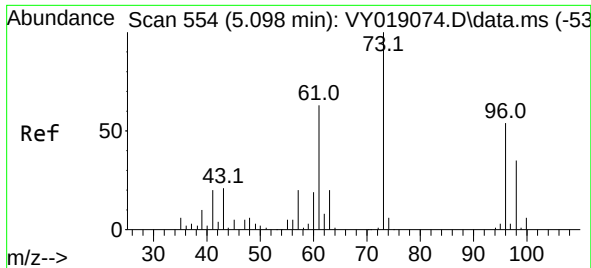
Tgt Ion: 43 Resp: 18242

Ion Ratio Lower Upper

43 100

74 26.4 23.3 34.9

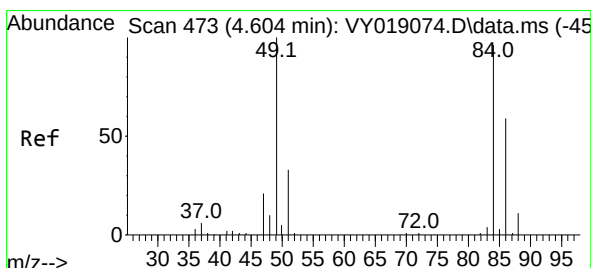
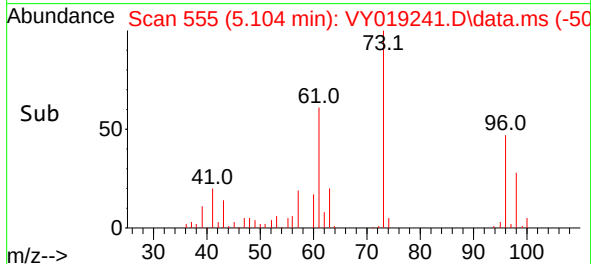
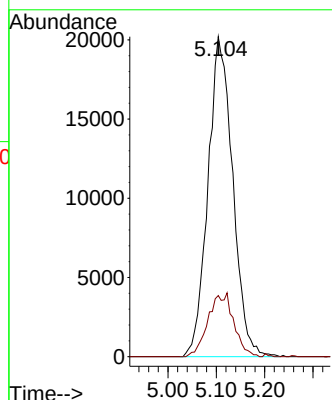
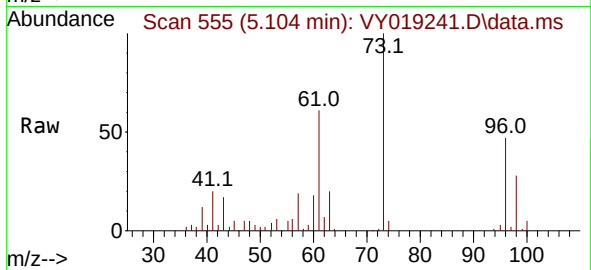




#19
Methyl tert-butyl Ether
Concen: 21.580 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

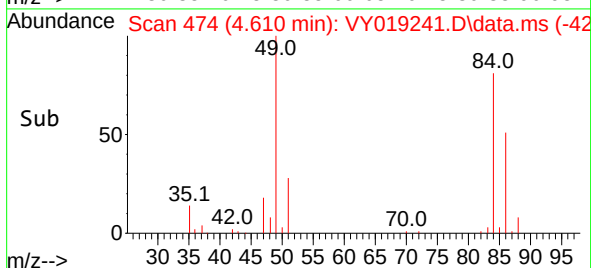
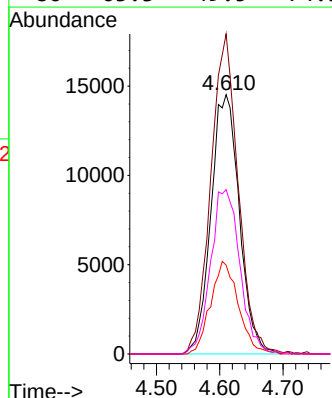
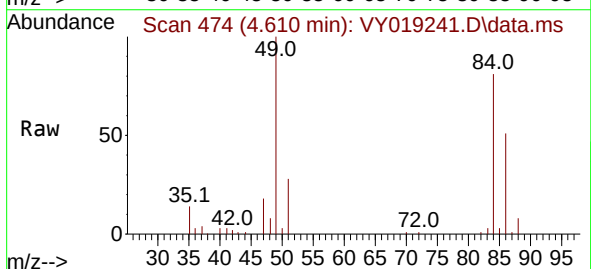
Instrument :
MSVOA_Y
ClientSampleId :

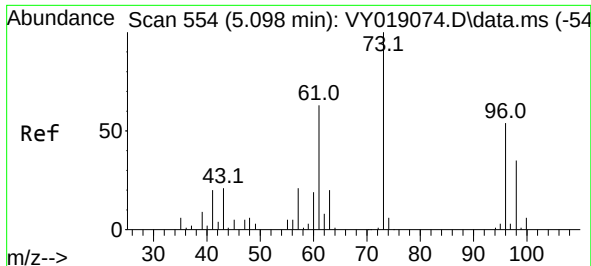
Tgt Ion: 73 Resp: 71850
Ion Ratio Lower Upper
73 100
57 19.1 17.3 25.9



#20
Methylene Chloride
Concen: 22.926 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

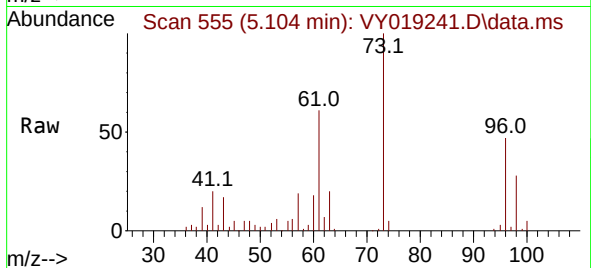
Tgt Ion: 84 Resp: 45243
Ion Ratio Lower Upper
84 100
49 123.4 84.4 126.6
51 34.2 26.0 39.0
86 63.3 49.5 74.3



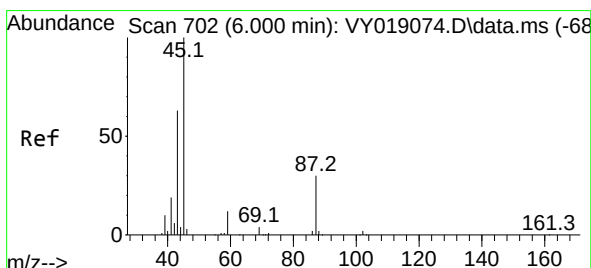
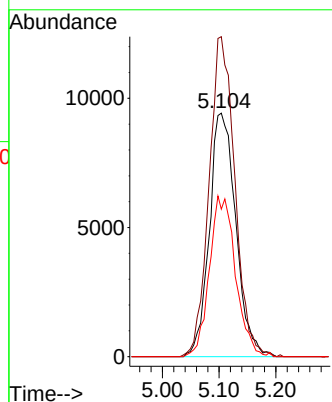
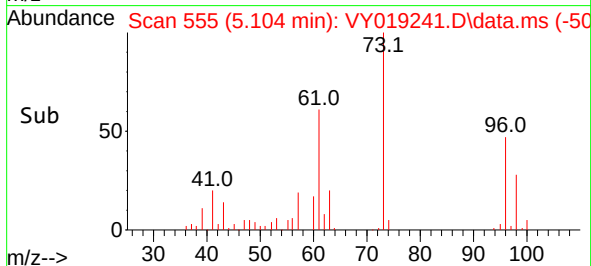


#21
trans-1,2-Dichloroethene
Concen: 19.900 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Instrument :
MSVOA_Y
ClientSampleId :

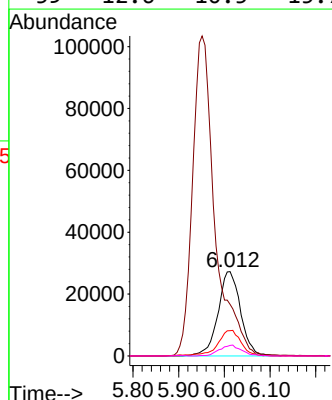
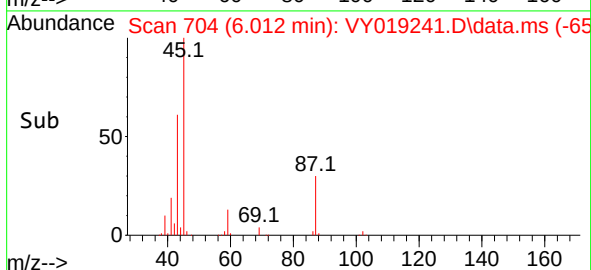
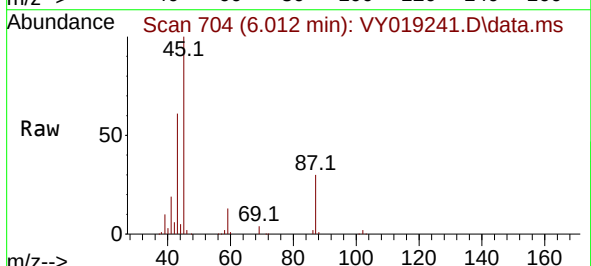


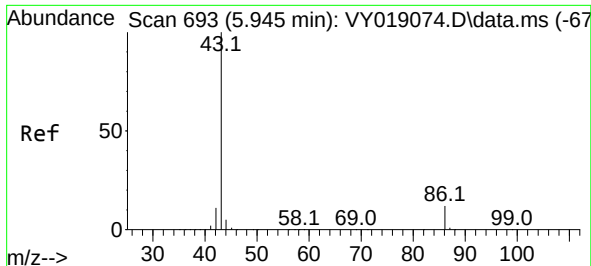
Tgt Ion: 96 Resp: 30532
Ion Ratio Lower Upper
96 100
61 131.4 97.5 146.3
98 60.6 50.5 75.7



#22
Diisopropyl ether
Concen: 22.349 ug/l
RT: 6.012 min Scan# 704
Delta R.T. 0.012 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Tgt Ion: 45 Resp: 93415
Ion Ratio Lower Upper
45 100
43 60.4 42.2 63.2
87 30.1 25.0 37.6
59 12.6 10.5 15.7

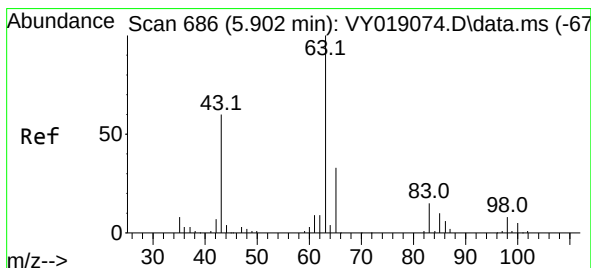
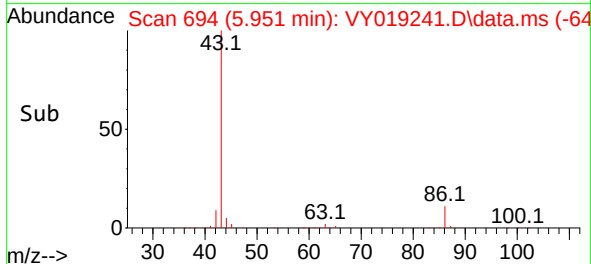
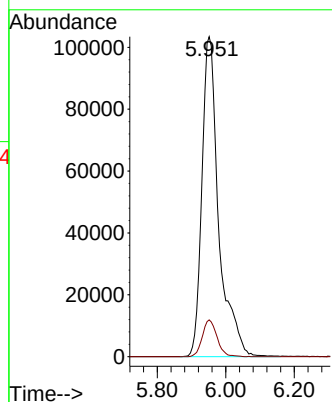
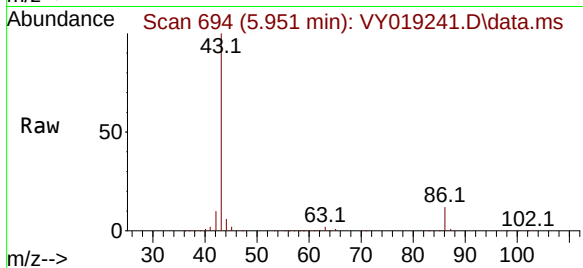




#23
 Vinyl Acetate
 Concen: 106.846 ug/l
 RT: 5.951 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY019241.D
 Acq: 23 Aug 2024 01:03

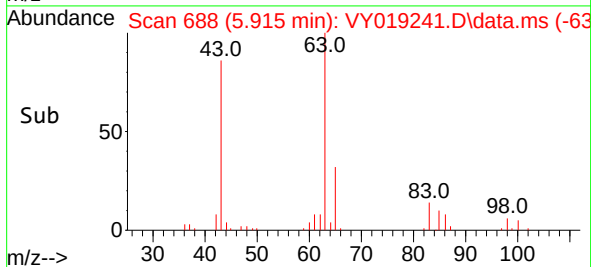
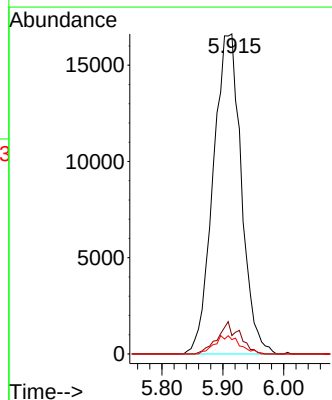
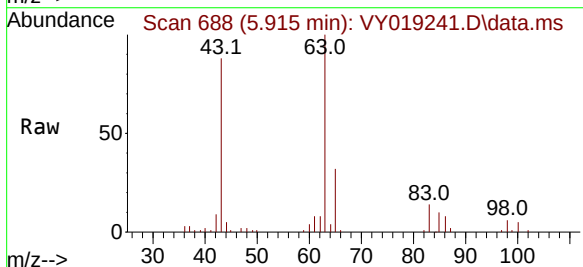
Instrument :
 MSVOA_Y
 ClientSampleId :

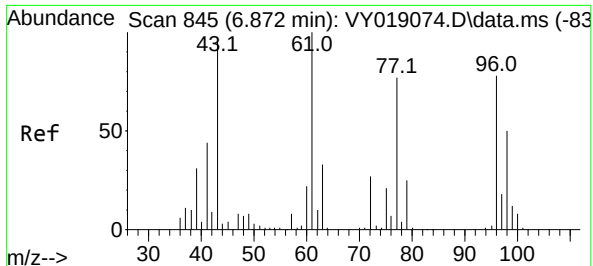
Tgt Ion: 43 Resp: 353580
 Ion Ratio Lower Upper
 43 100
 86 11.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.816 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY019241.D
 Acq: 23 Aug 2024 01:03

Tgt Ion: 63 Resp: 53209
 Ion Ratio Lower Upper
 63 100
 98 5.8 4.0 12.2
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 104.709 ug/l

RT: 6.878 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

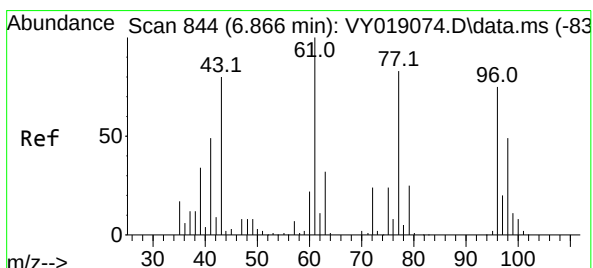
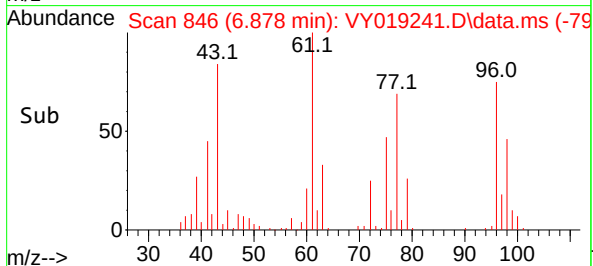
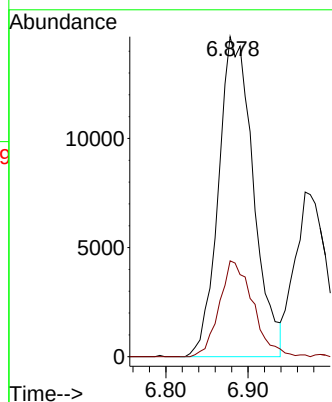
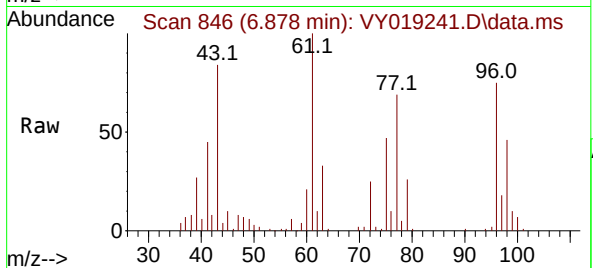
ClientSampleId :

Tgt Ion: 43 Resp: 43159

Ion Ratio Lower Upper

43 100

72 29.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 18.970 ug/l

RT: 6.878 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY019241.D

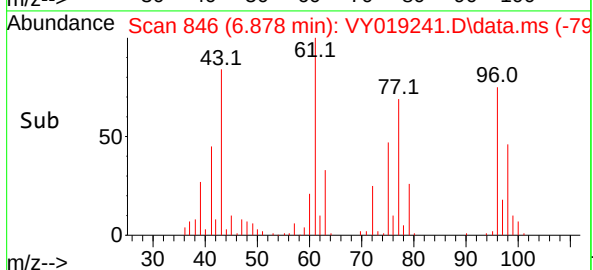
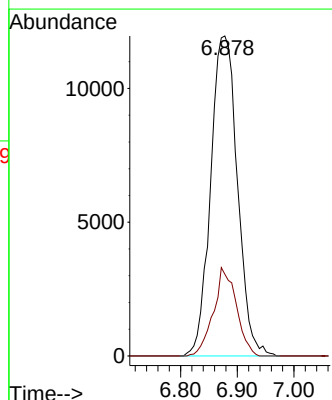
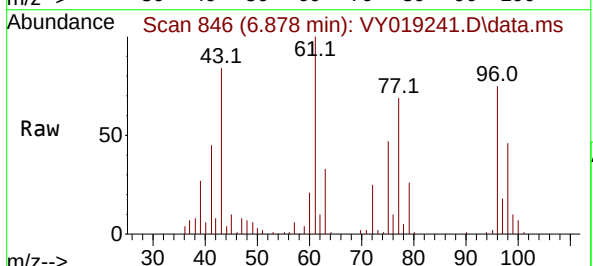
Acq: 23 Aug 2024 01:03

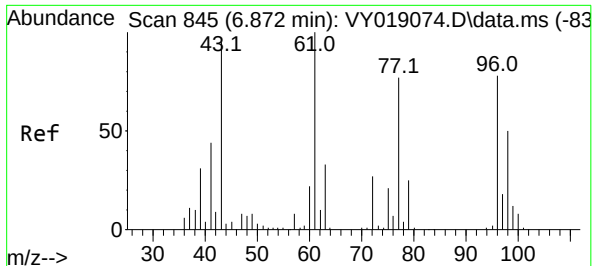
Tgt Ion: 77 Resp: 39268

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.213 ug/l

RT: 6.884 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

ClientSampleId :

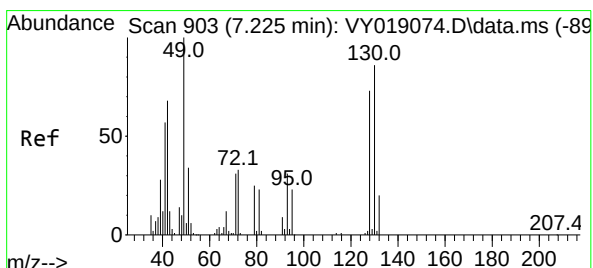
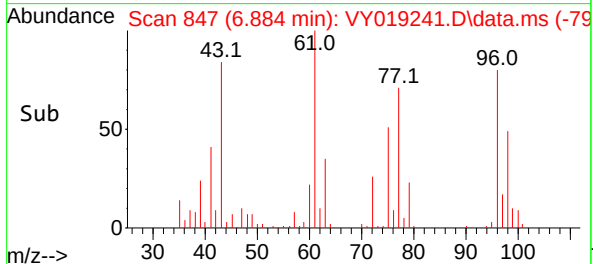
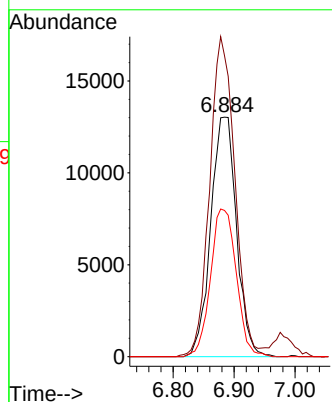
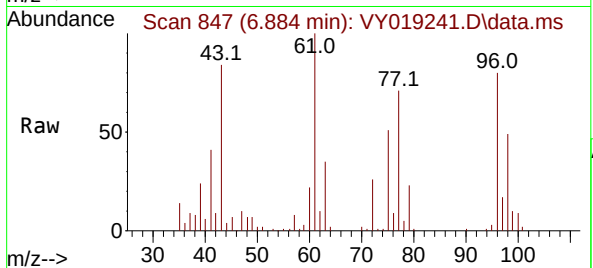
Tgt Ion: 96 Resp: 38301

Ion Ratio Lower Upper

96 100

61 130.4 0.0 256.2

98 61.6 0.0 130.0



#28

Bromochloromethane

Concen: 20.498 ug/l

RT: 7.238 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

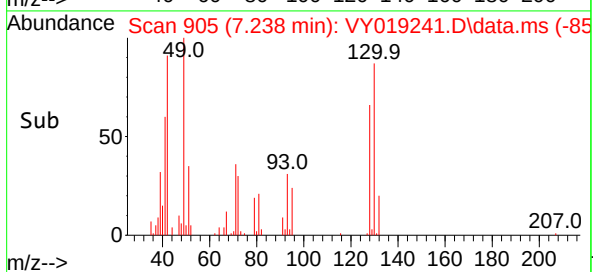
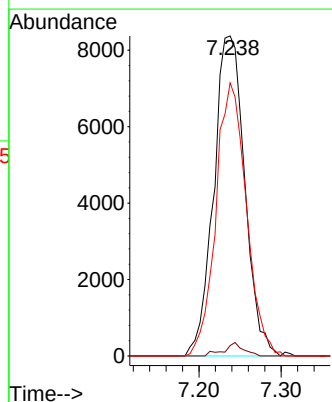
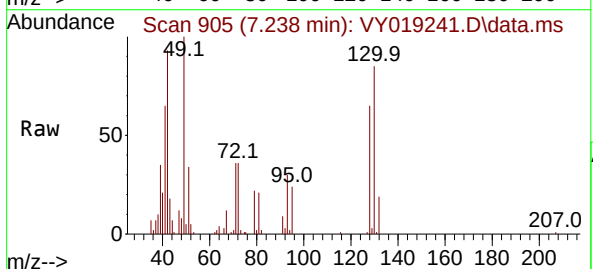
Tgt Ion: 49 Resp: 21979

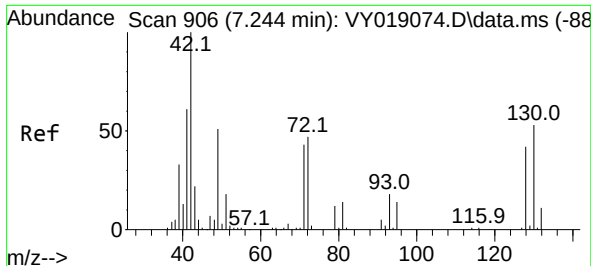
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 83.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 108.586 ug/l

RT: 7.256 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

ClientSampleId :

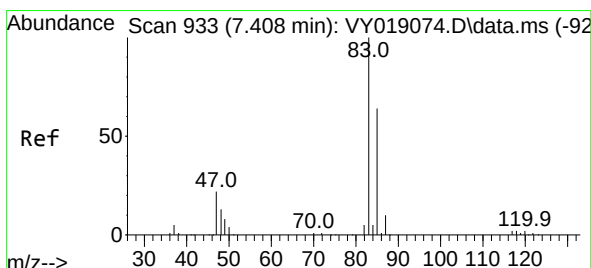
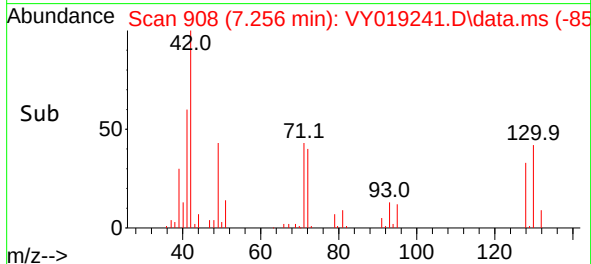
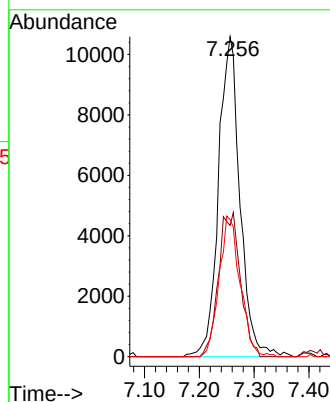
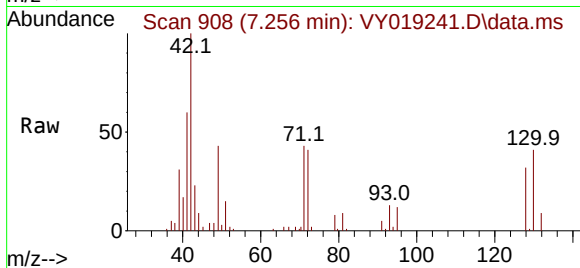
Tgt Ion: 42 Resp: 28771

Ion Ratio Lower Upper

42 100

72 46.2 43.0 64.4

71 43.0 40.8 61.2



#30

Chloroform

Concen: 21.564 ug/l

RT: 7.415 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY019241.D

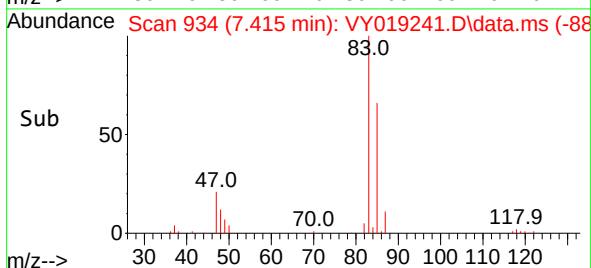
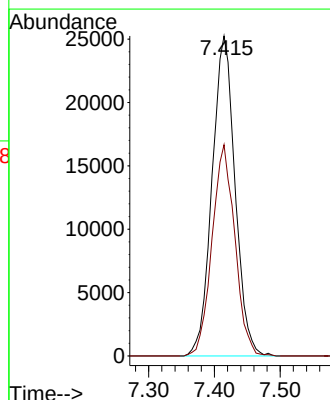
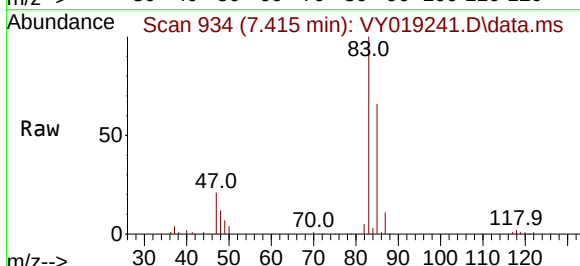
Acq: 23 Aug 2024 01:03

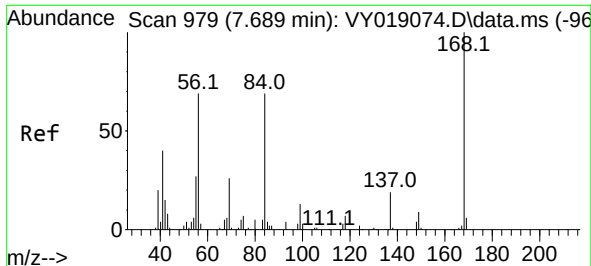
Tgt Ion: 83 Resp: 61422

Ion Ratio Lower Upper

83 100

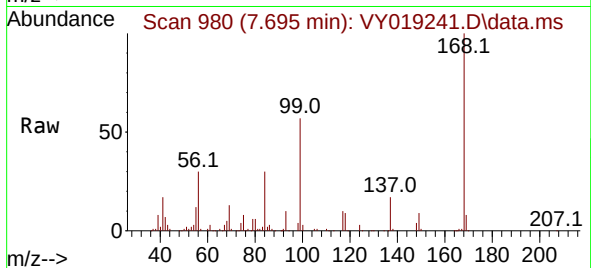
85 66.0 52.2 78.4



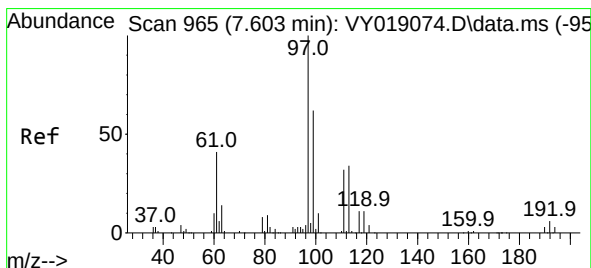
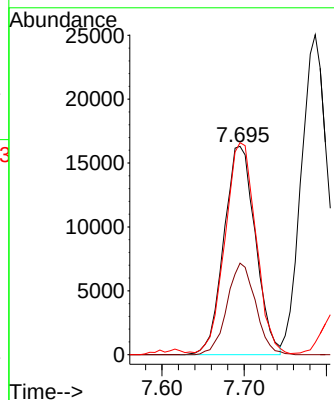
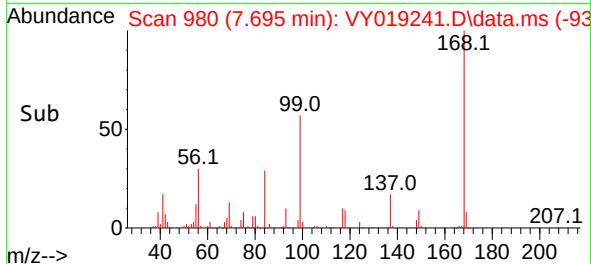


#31
Cyclohexane
Concen: 19.447 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Instrument :
MSVOA_Y
ClientSampleId :

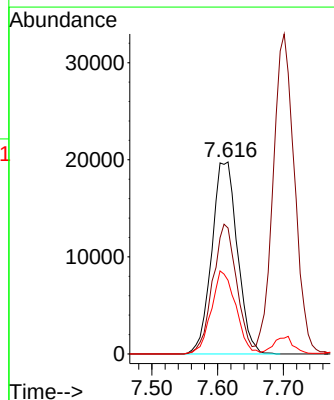
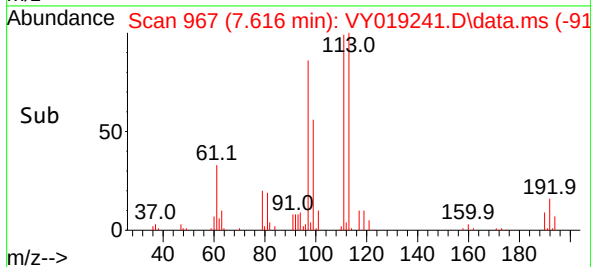
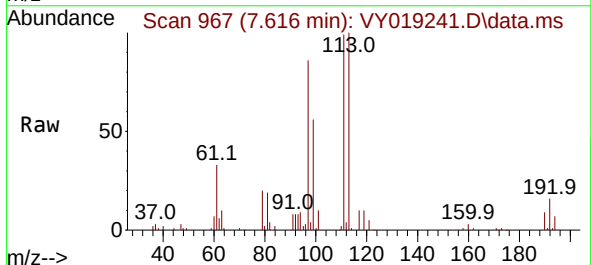


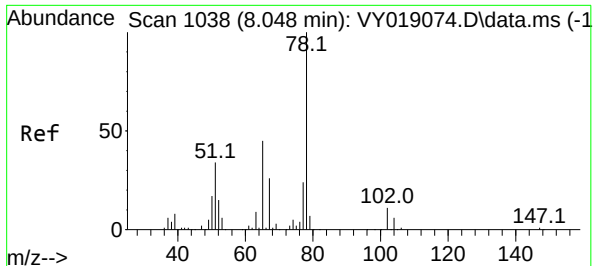
Tgt Ion: 56 Resp: 43553
Ion Ratio Lower Upper
56 100
69 43.9 28.7 43.1#
84 99.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.416 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Tgt Ion: 97 Resp: 53607
Ion Ratio Lower Upper
97 100
99 63.0 50.3 75.5
61 41.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.043 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

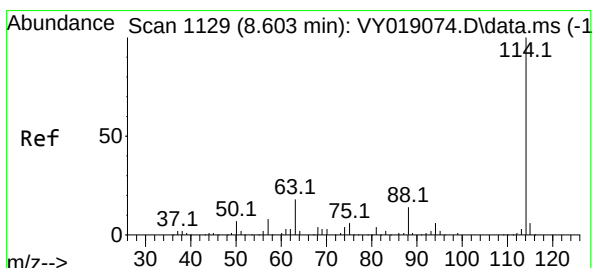
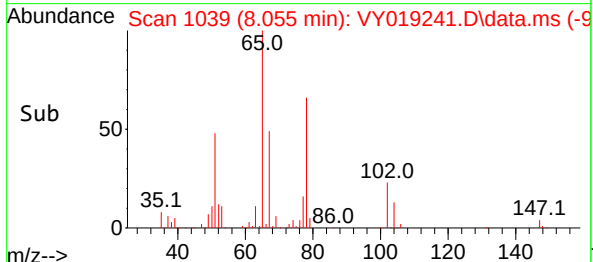
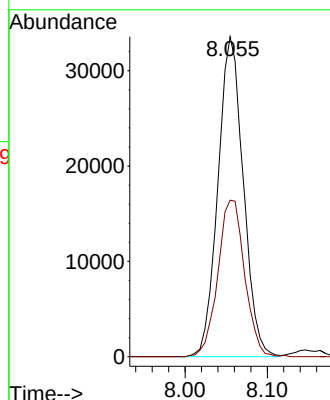
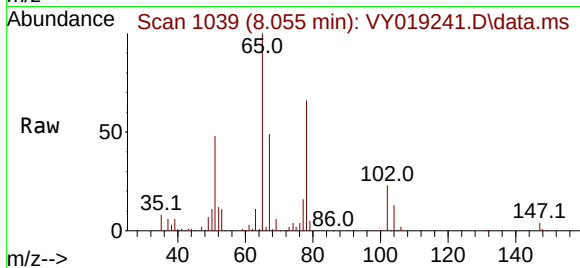
ClientSampleId :

Tgt Ion: 65 Resp: 71823

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

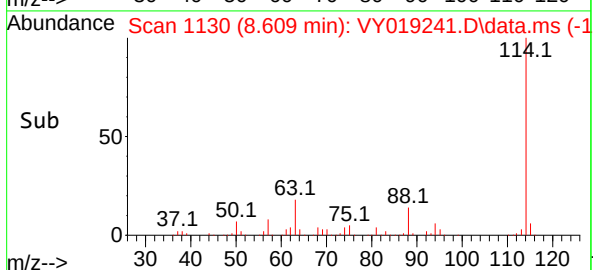
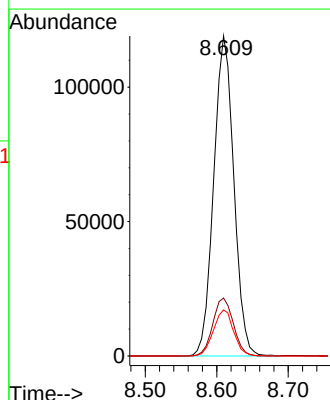
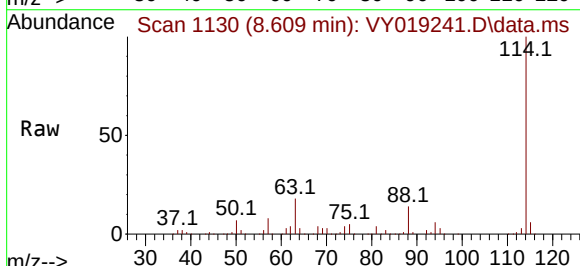
Tgt Ion: 114 Resp: 232607

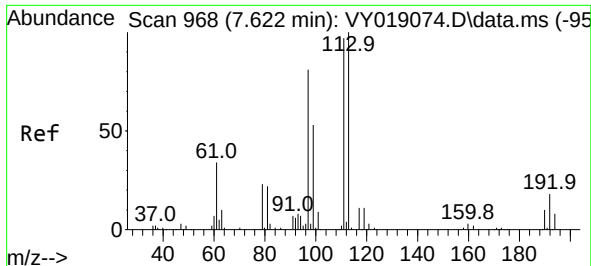
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.4 0.0 27.2

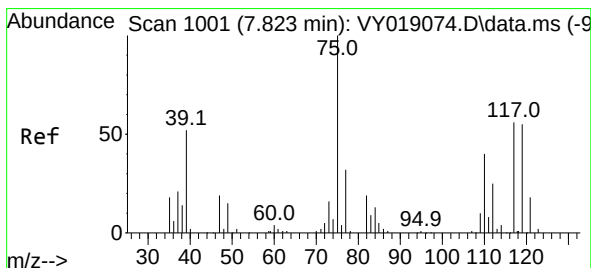
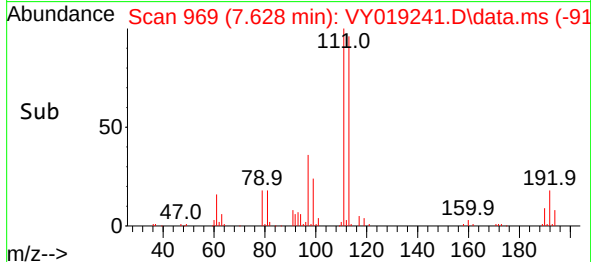
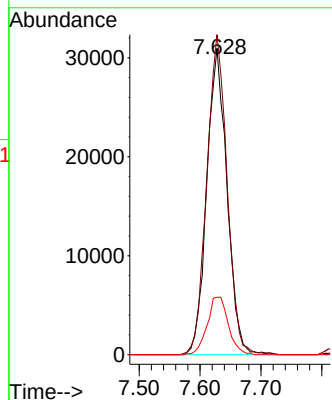
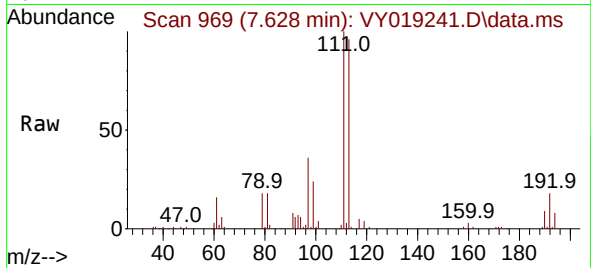




#35
Dibromofluoromethane
Concen: 47.203 ug/l
RT: 7.628 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

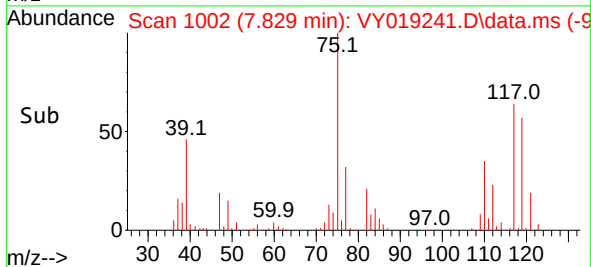
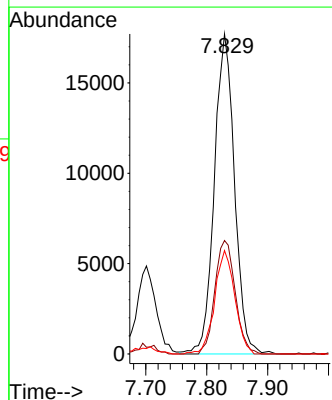
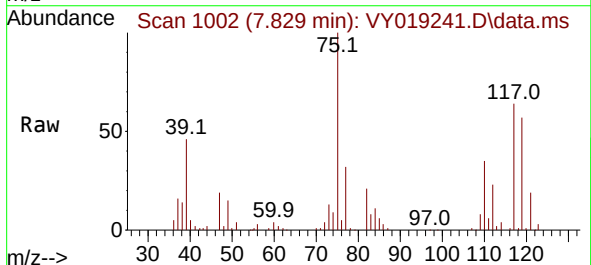
Instrument :
MSVOA_Y
ClientSampleId :

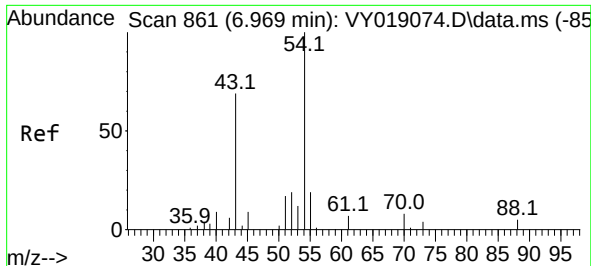
Tgt Ion:113 Resp: 71792
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 19.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.523 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

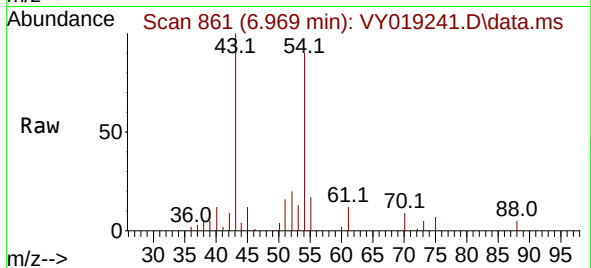
Tgt Ion: 75 Resp: 40773
Ion Ratio Lower Upper
75 100
110 35.7 19.0 57.0
77 32.3 25.3 37.9



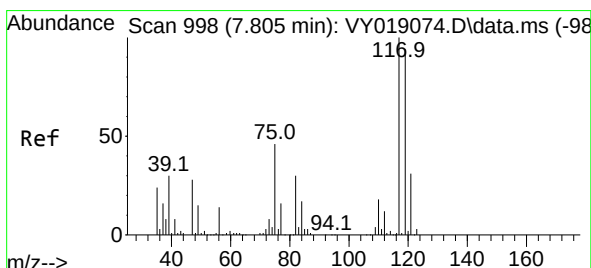
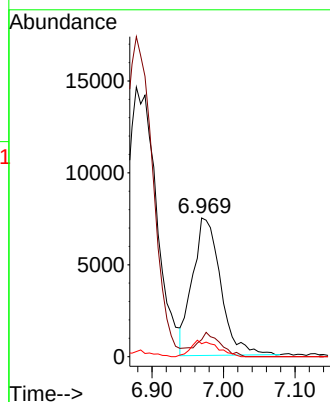
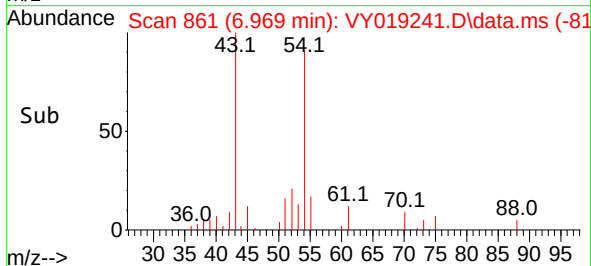


#37
Ethyl Acetate
Concen: 22.086 ug/l
RT: 6.969 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Instrument :
MSVOA_Y
ClientSampleId :

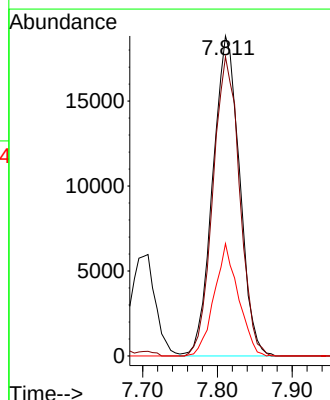
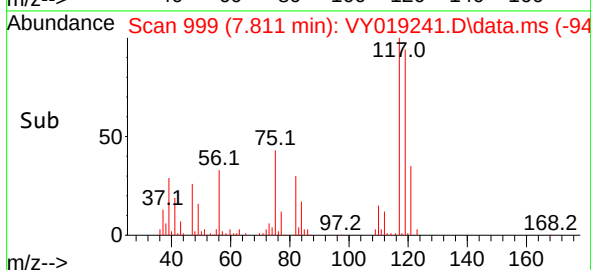
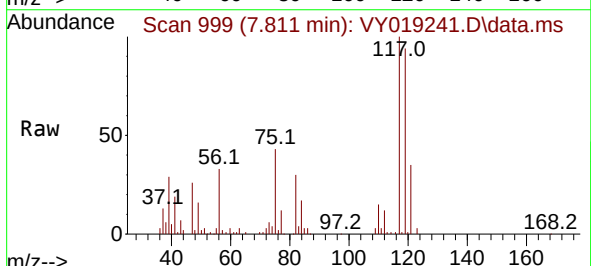


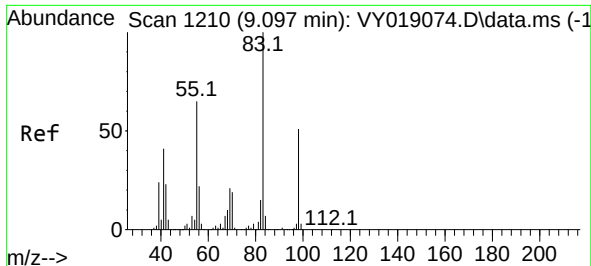
Tgt Ion: 43	Resp: 20436
Ion Ratio	Lower Upper
43	100
61	13.0 12.6 19.0
70	11.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.390 ug/l
RT: 7.811 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Tgt Ion: 117	Resp: 46931
Ion Ratio	Lower Upper
117	100
119	93.5 75.8 113.6
121	35.1 24.0 36.0





#39

Methylcyclohexane

Concen: 17.662 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

ClientSampleId :

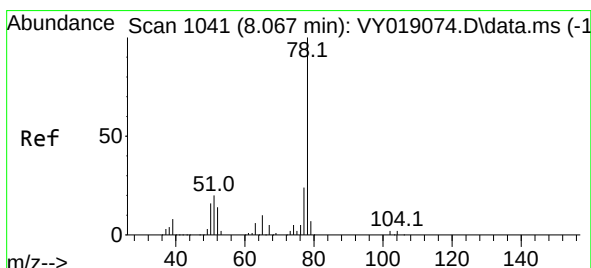
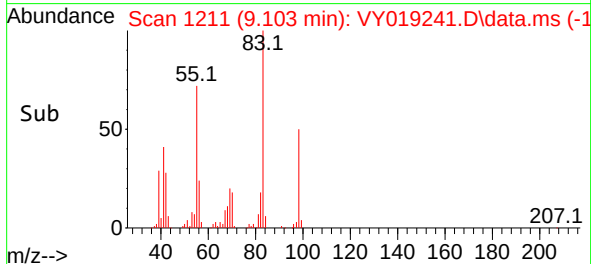
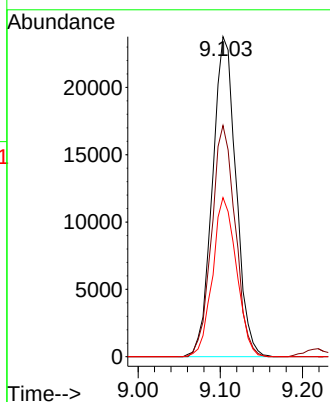
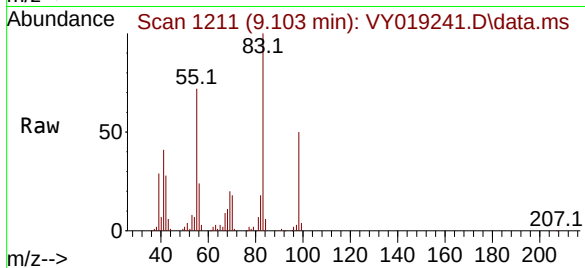
Tgt Ion: 83 Resp: 47336

Ion Ratio Lower Upper

83 100

55 72.2 51.5 77.3

98 49.7 40.5 60.7



#40

Benzene

Concen: 19.895 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019241.D

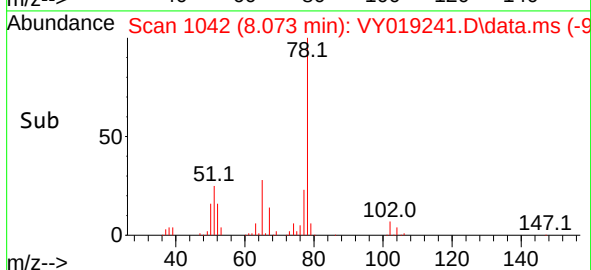
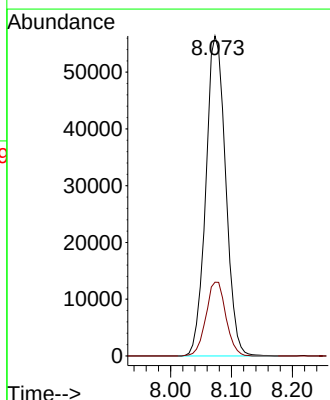
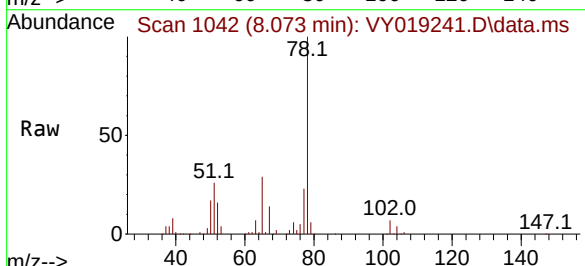
Acq: 23 Aug 2024 01:03

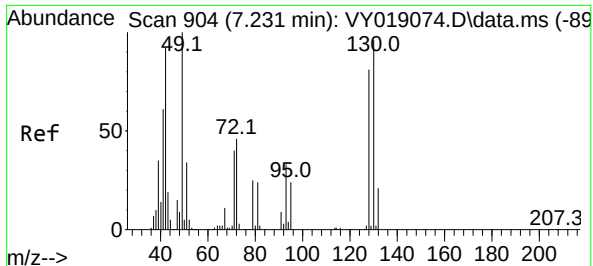
Tgt Ion: 78 Resp: 127435

Ion Ratio Lower Upper

78 100

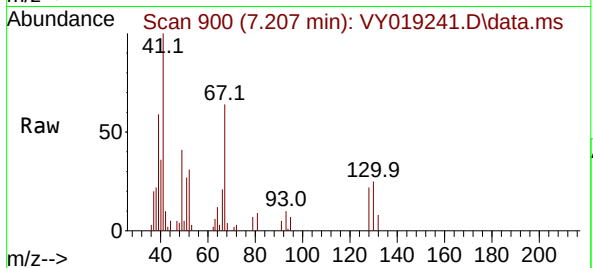
77 23.0 19.5 29.3



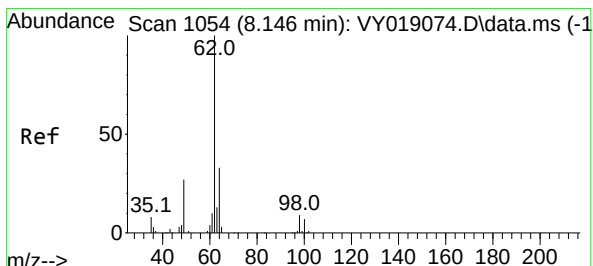
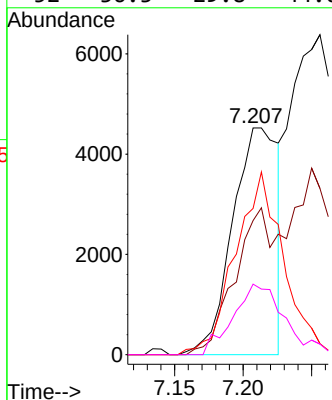
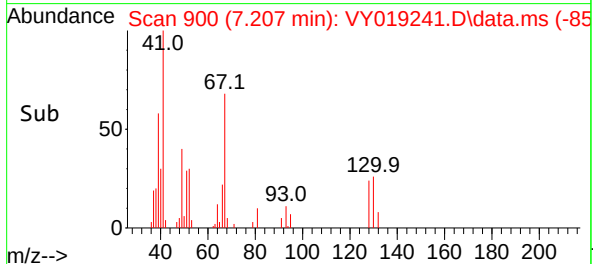


#41
Methacrylonitrile
Concen: 20.672 ug/l
RT: 7.207 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Instrument :
MSVOA_Y
ClientSampleId :

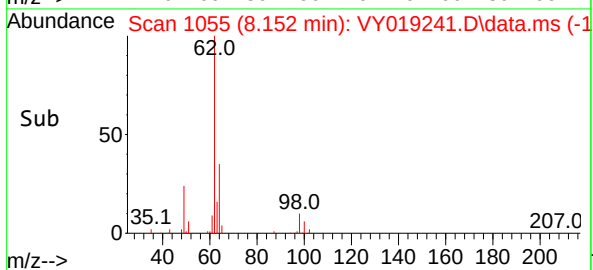
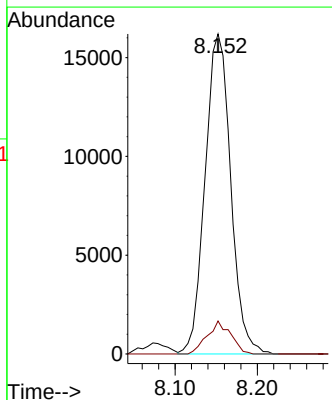
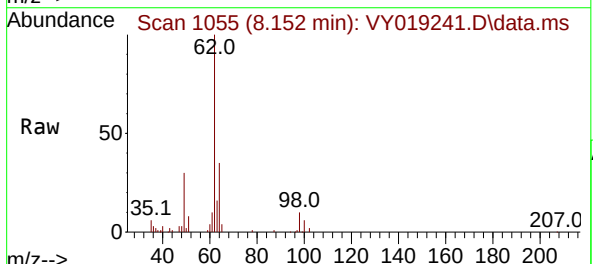


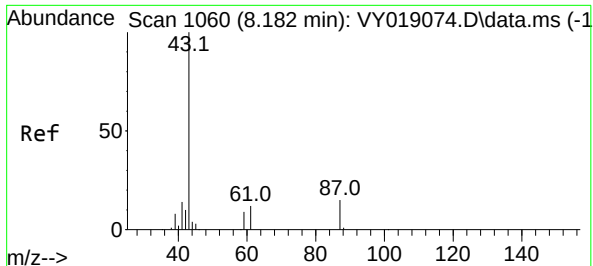
Tgt Ion:	41	Resp:	10440
Ion	Ratio	Lower	Upper
41	100		
39	49.9	48.0	72.0
67	85.8	75.1	112.7
52	36.3	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.305 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Tgt Ion:	62	Resp:	35121
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	22.0





#43

Isopropyl Acetate

Concen: 20.508 ug/l

RT: 8.189 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

ClientSampleId :

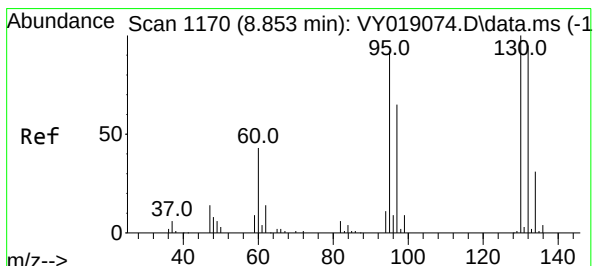
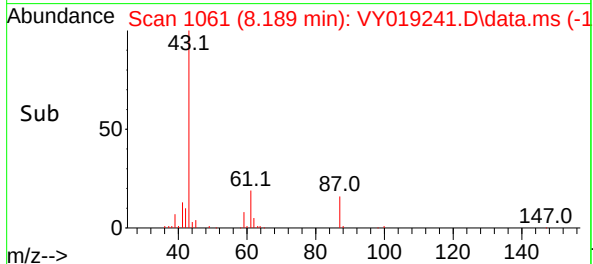
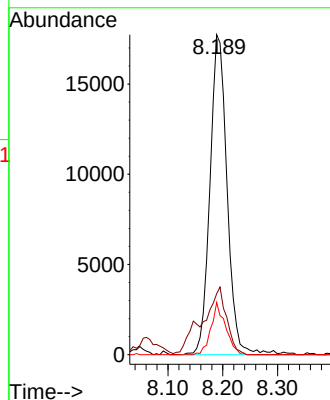
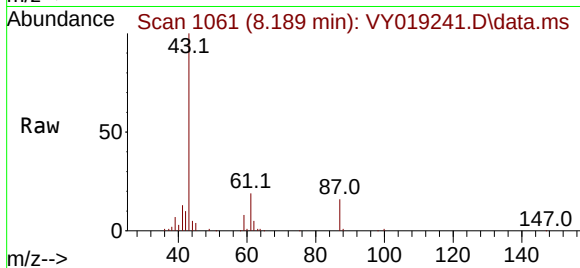
Tgt Ion: 43 Resp: 38378

Ion Ratio Lower Upper

43 100

61 22.3 27.9 41.9#

87 13.9 13.1 19.7



#44

Trichloroethene

Concen: 18.942 ug/l

RT: 8.859 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY019241.D

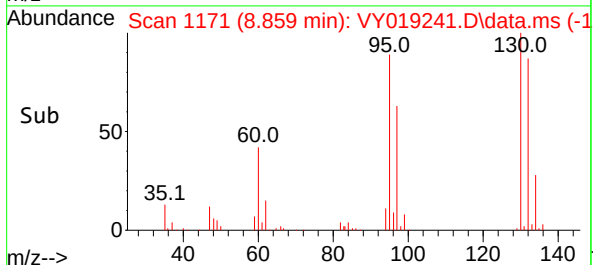
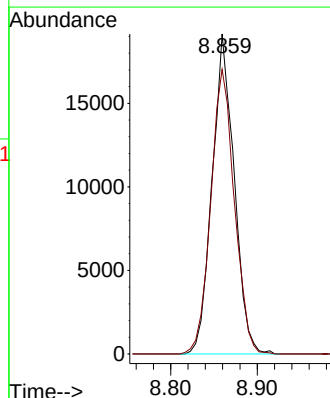
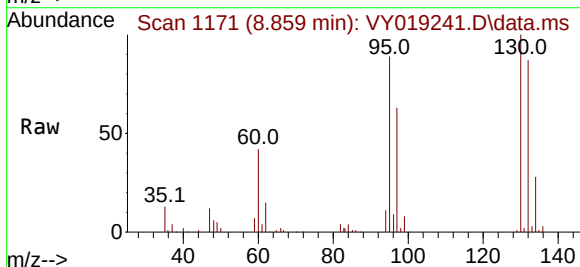
Acq: 23 Aug 2024 01:03

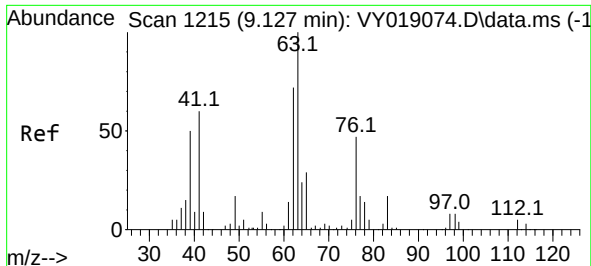
Tgt Ion:130 Resp: 33855

Ion Ratio Lower Upper

130 100

95 88.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.621 ug/l

RT: 9.140 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

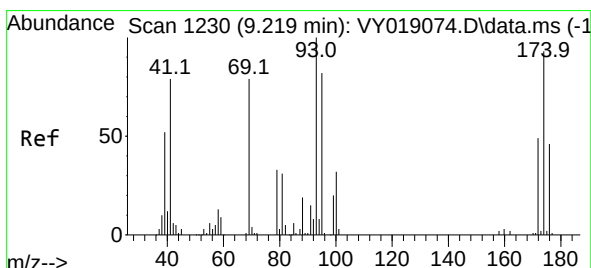
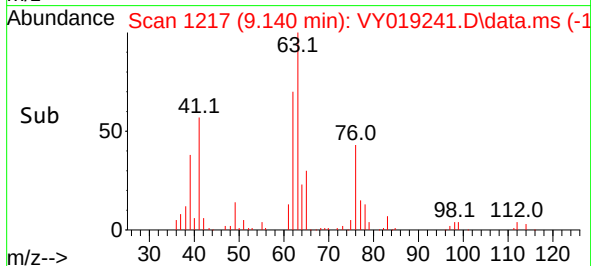
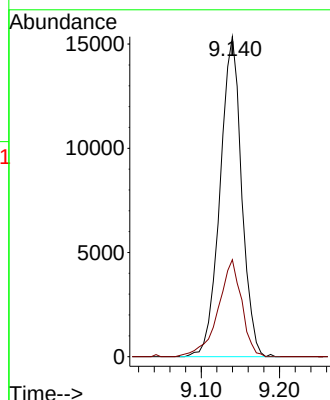
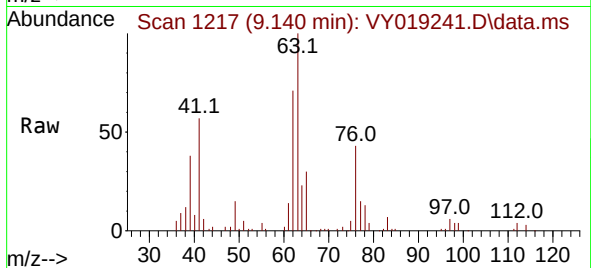
ClientSampleId :

Tgt Ion: 63 Resp: 29428

Ion Ratio Lower Upper

63 100

65 30.3 25.4 38.2



#46

Dibromomethane

Concen: 19.567 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.012 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

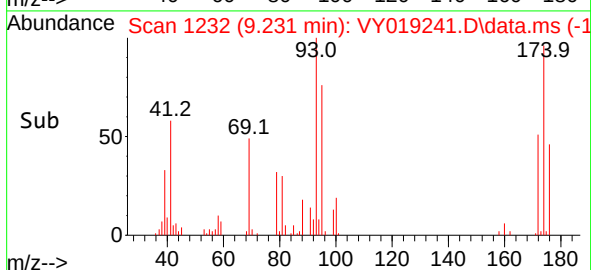
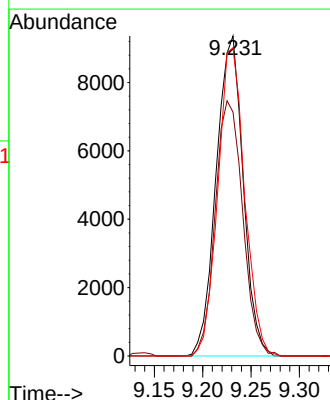
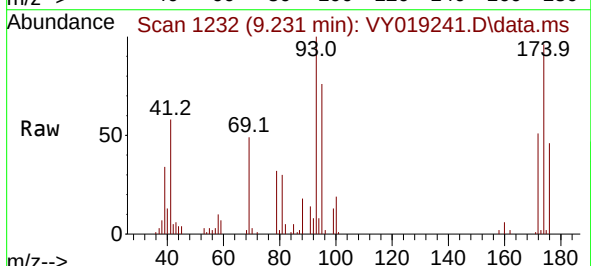
Tgt Ion: 93 Resp: 18112

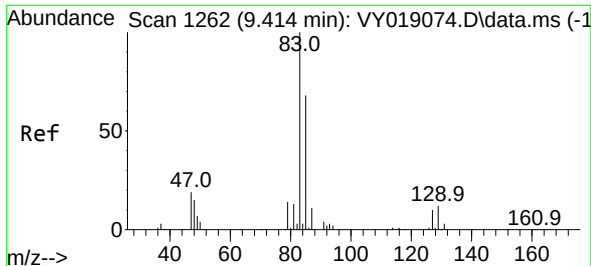
Ion Ratio Lower Upper

93 100

95 81.3 66.2 99.4

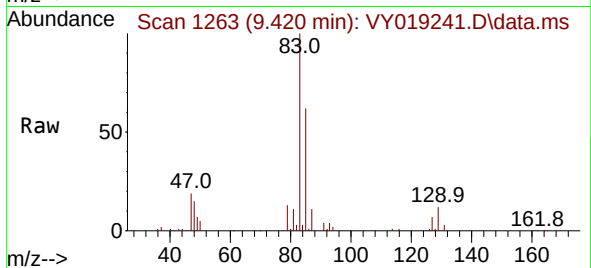
174 95.9 80.9 121.3



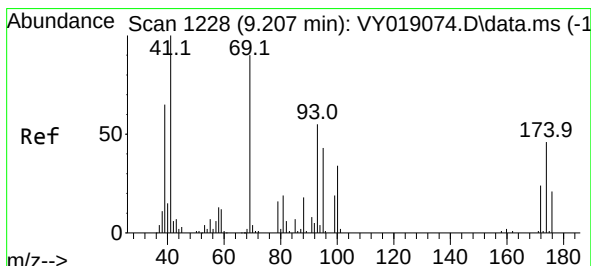
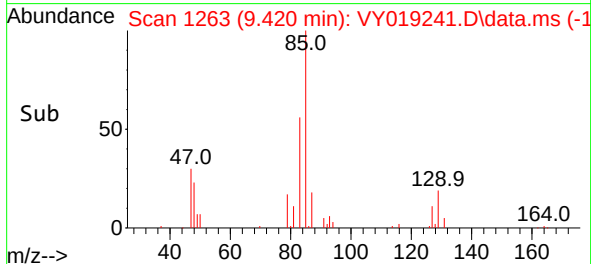
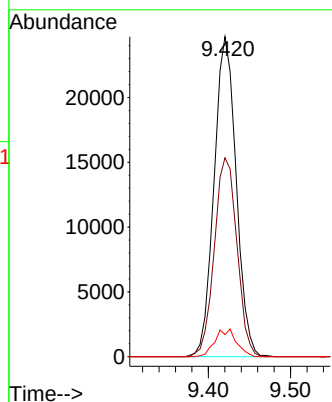


#47
Bromodichloromethane
Concen: 20.283 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Instrument :
MSVOA_Y
ClientSampleId :

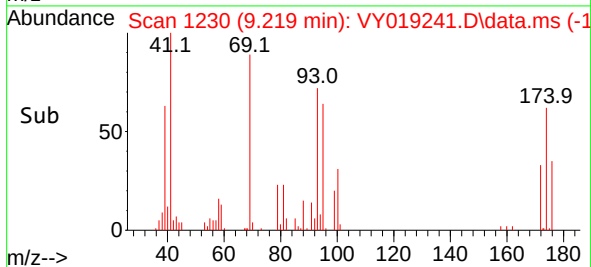
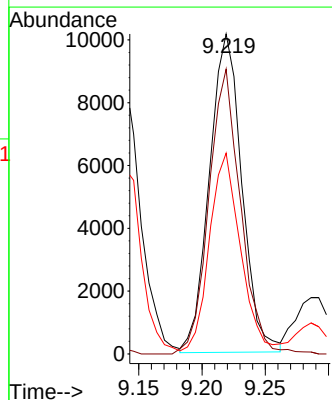
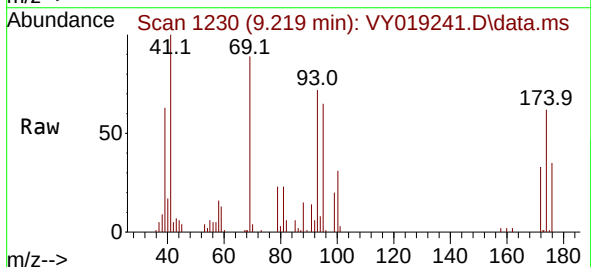


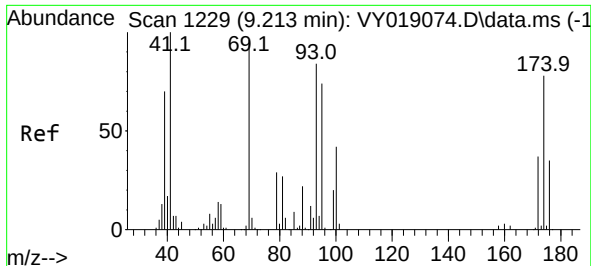
Tgt Ion: 83 Resp: 46061
Ion Ratio Lower Upper
83 100
85 62.1 50.1 75.1
127 6.9 7.4 11.0#



#48
Methyl methacrylate
Concen: 21.702 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Tgt Ion: 41 Resp: 18099
Ion Ratio Lower Upper
41 100
69 87.3 84.1 126.1
39 60.7 43.6 65.4





#49

1,4-Dioxane

Concen: 389.737 ug/l

RT: 9.225 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

ClientSampleId :

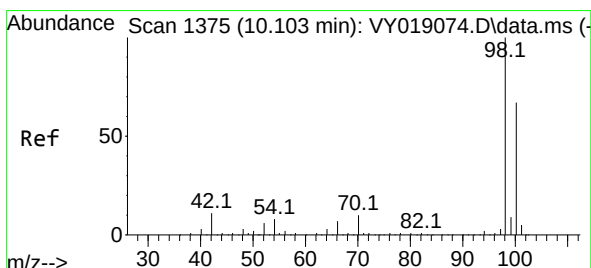
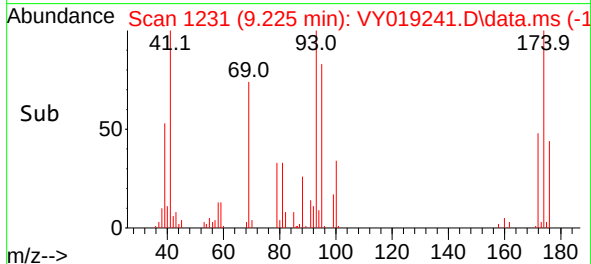
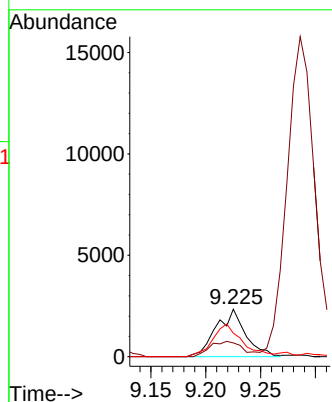
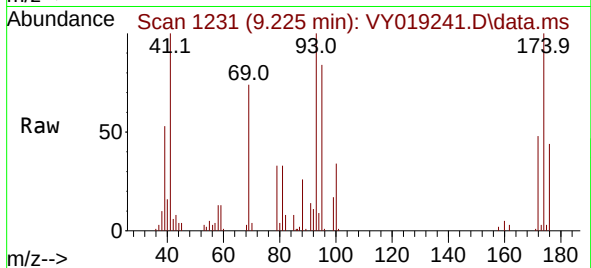
Tgt Ion: 88 Resp: 4370

Ion Ratio Lower Upper

88 100

43 37.0 0.0 0.0#

58 68.1 49.3 73.9



#50

Toluene-d8

Concen: 47.821 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019241.D

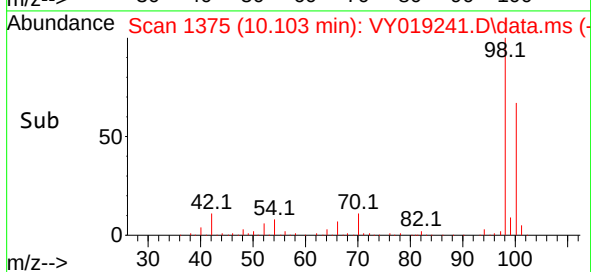
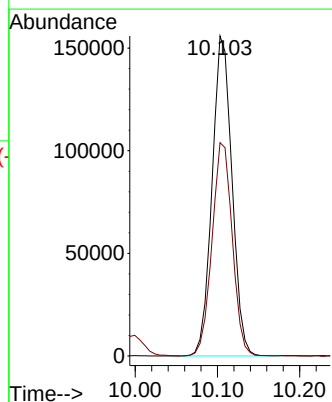
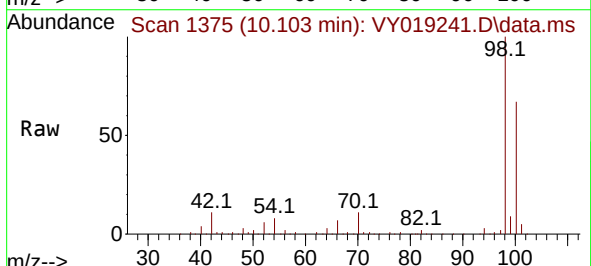
Acq: 23 Aug 2024 01:03

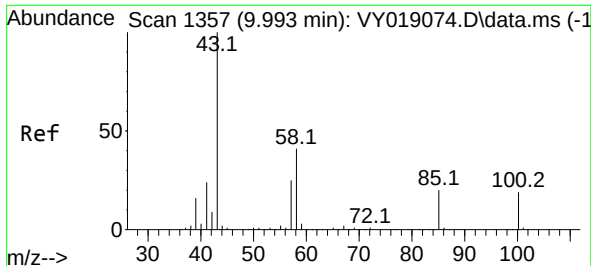
Tgt Ion: 98 Resp: 261738

Ion Ratio Lower Upper

98 100

100 68.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 103.060 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

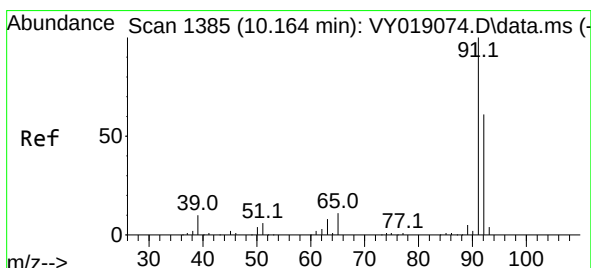
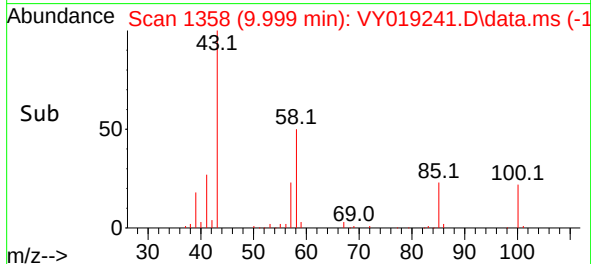
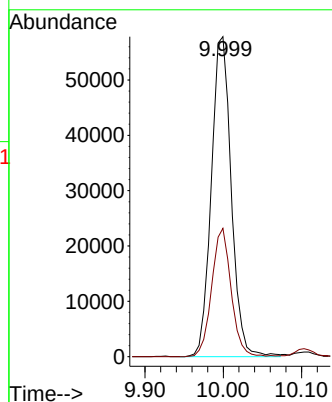
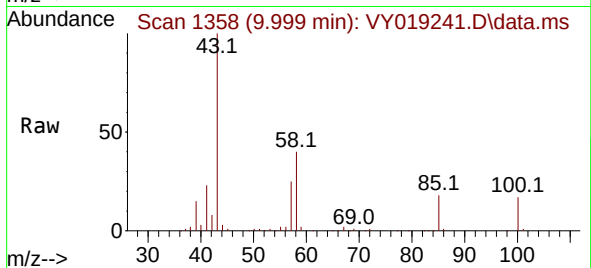
ClientSampleId :

Tgt Ion: 43 Resp: 102362

Ion Ratio Lower Upper

43 100

58 39.1 35.7 53.5



#52

Toluene

Concen: 19.586 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019241.D

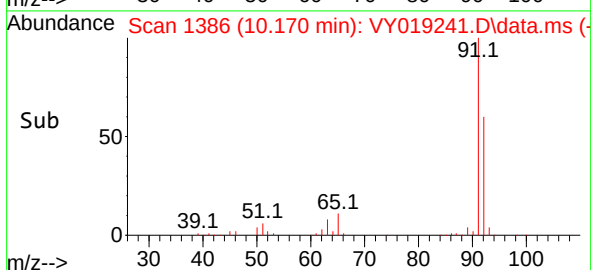
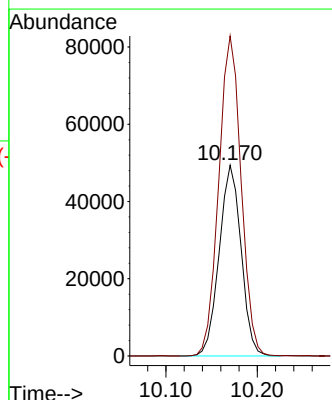
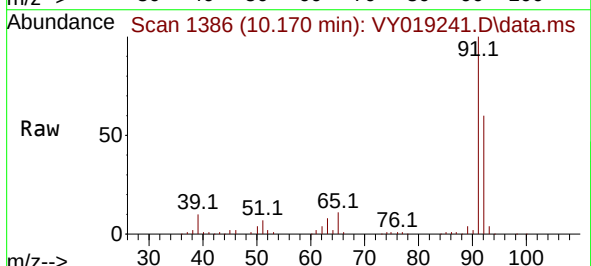
Acq: 23 Aug 2024 01:03

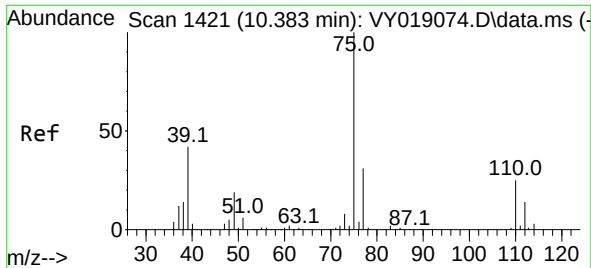
Tgt Ion: 92 Resp: 82352

Ion Ratio Lower Upper

92 100

91 171.2 139.0 208.6

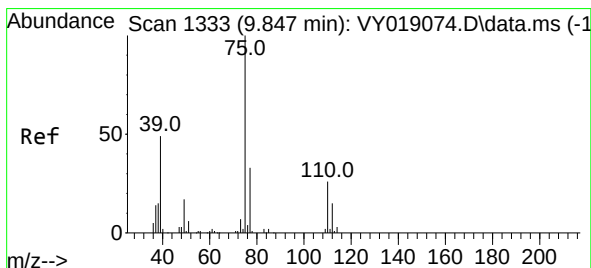
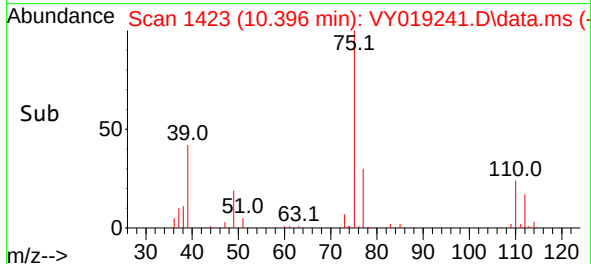
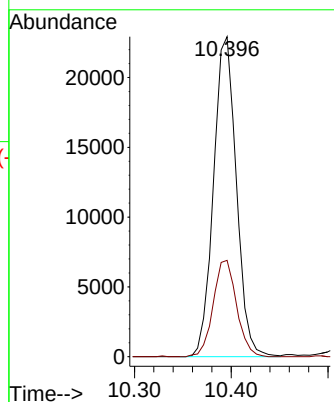
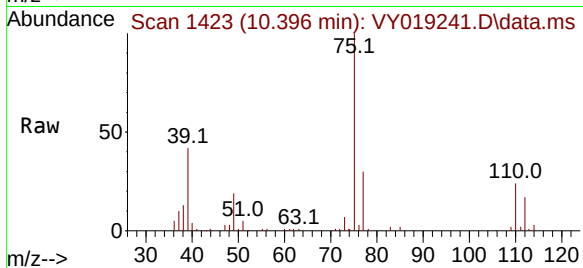




#53
 t-1,3-Dichloropropene
 Concen: 19.936 ug/l
 RT: 10.396 min Scan# 1421
 Delta R.T. 0.012 min
 Lab File: VY019241.D
 Acq: 23 Aug 2024 01:03

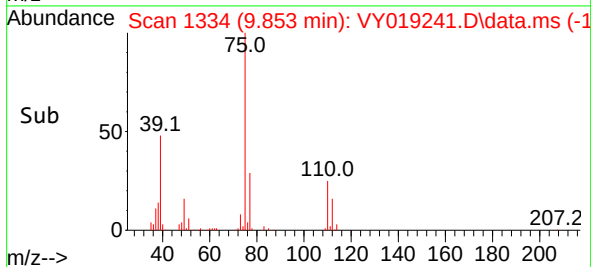
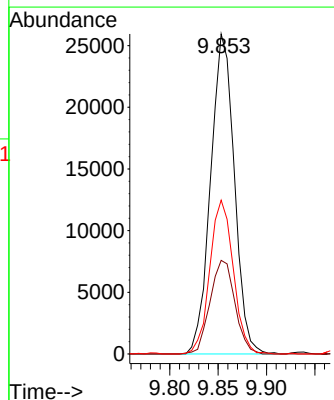
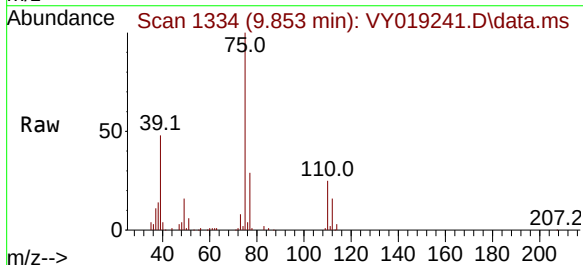
Instrument :
 MSVOA_Y
 ClientSampleId :

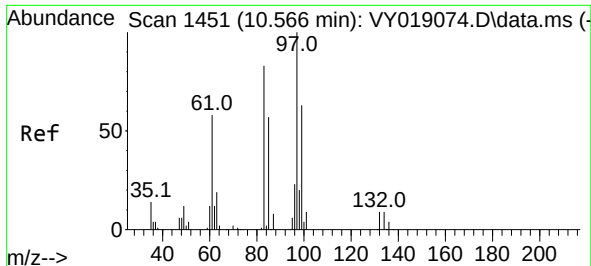
Tgt Ion: 75 Resp: 37555
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.504 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.006 min
 Lab File: VY019241.D
 Acq: 23 Aug 2024 01:03

Tgt Ion: 75 Resp: 44186
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.4 38.0
 39 48.1 29.8 44.6#

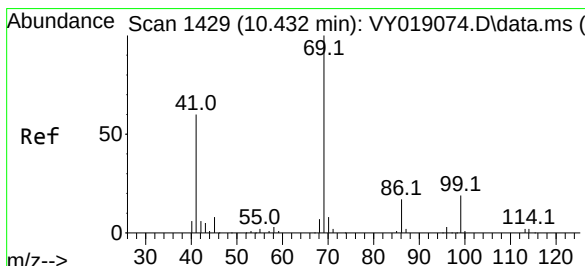
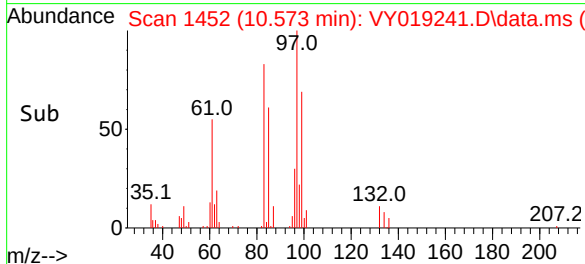
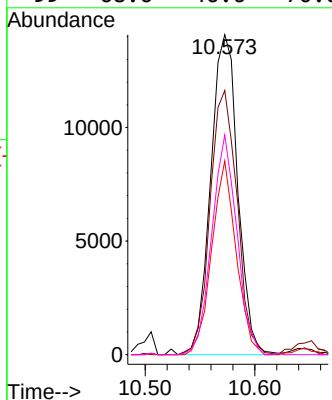
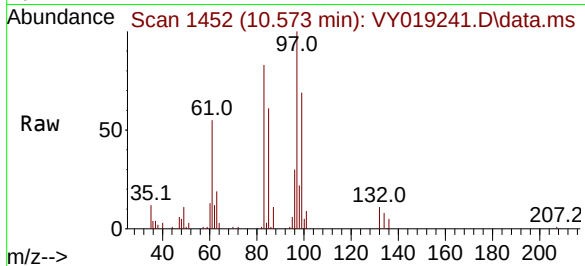




#55
1,1,2-Trichloroethane
Concen: 20.265 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

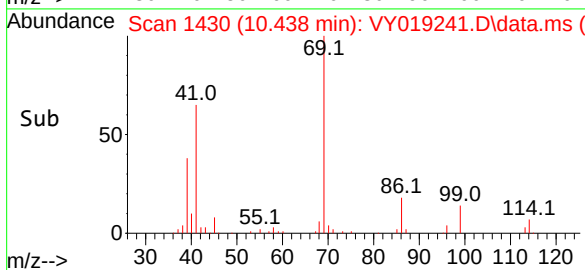
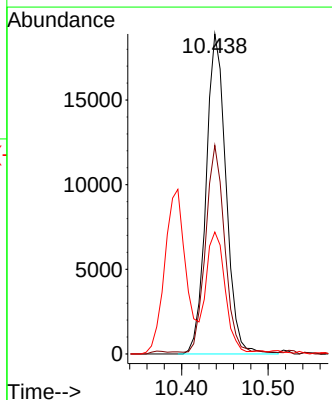
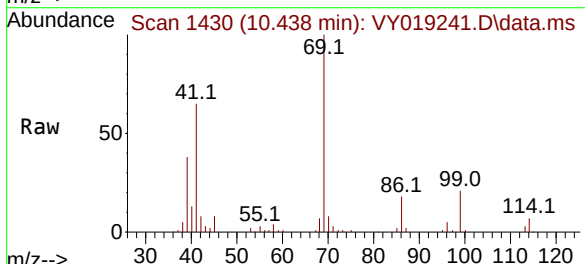
Instrument :
MSVOA_Y
ClientSampleId :

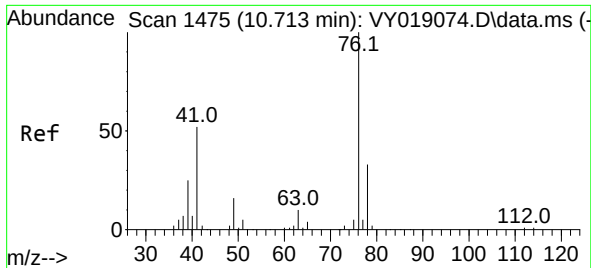
Tgt Ion: 97	Resp: 24148
Ion Ratio	Lower Upper
97 100	
83 82.5	67.5 101.3
85 60.6	42.9 64.3
99 68.6	46.6 70.0



#56
Ethyl methacrylate
Concen: 19.313 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Tgt Ion: 69	Resp: 30122
Ion Ratio	Lower Upper
69 100	
41 62.4	42.3 63.5
39 34.8	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.413 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

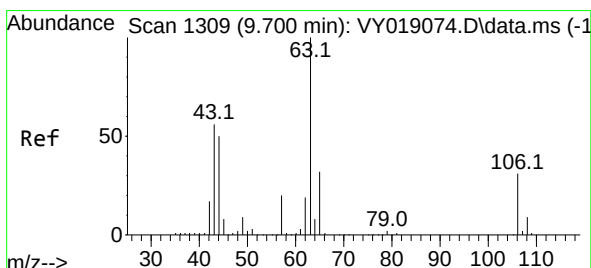
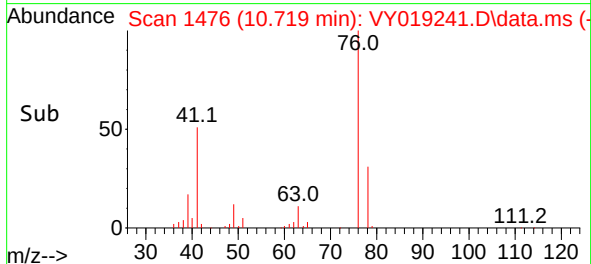
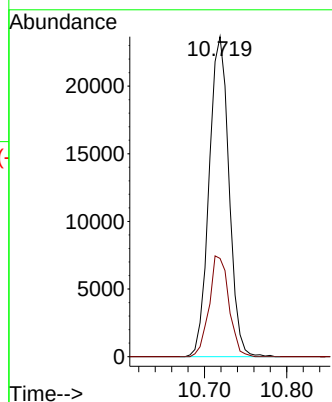
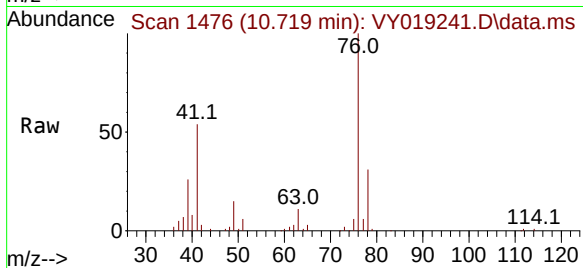
ClientSampleId :

Tgt Ion: 76 Resp: 39651

Ion Ratio Lower Upper

76 100

78 31.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 99.011 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019241.D

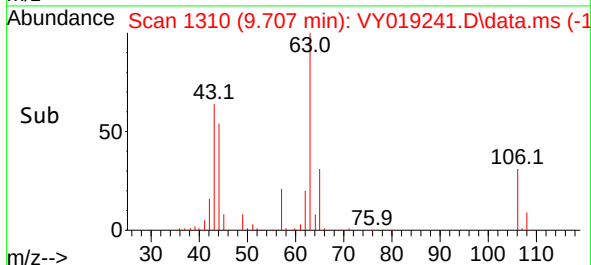
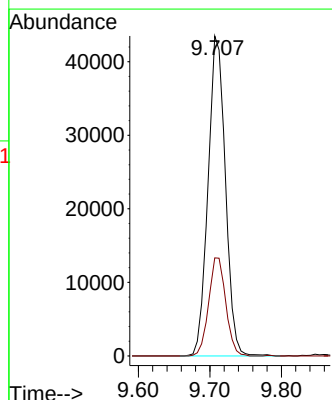
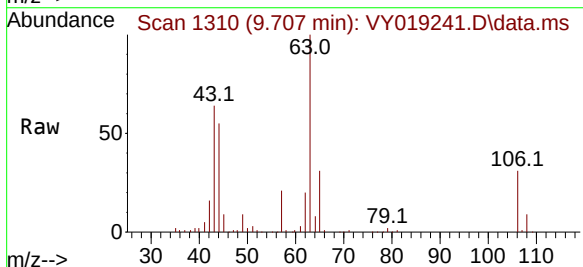
Acq: 23 Aug 2024 01:03

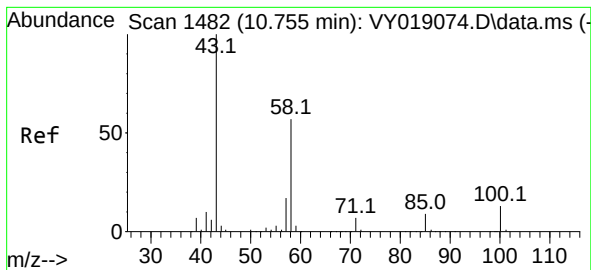
Tgt Ion: 63 Resp: 73259

Ion Ratio Lower Upper

63 100

106 30.3 23.7 35.5





#59

2-Hexanone

Concen: 99.291 ug/l

RT: 10.761 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

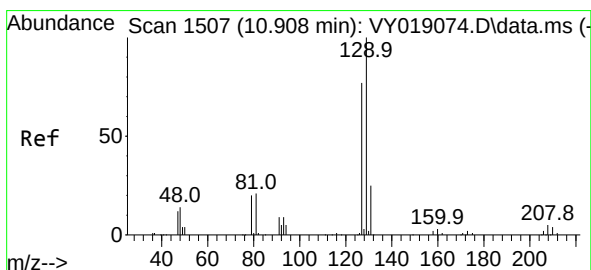
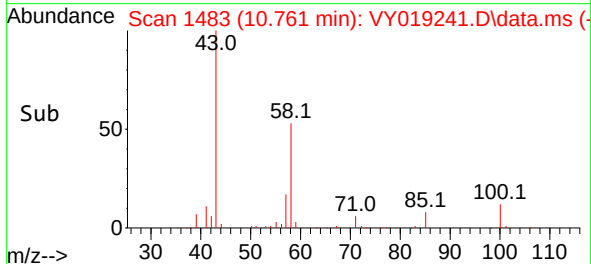
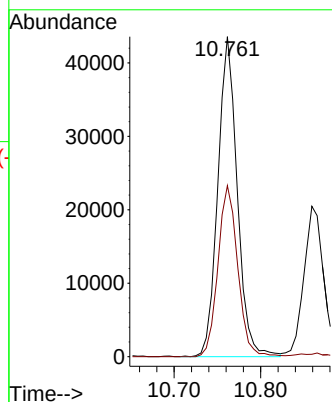
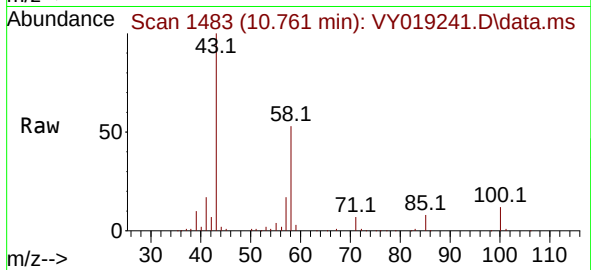
ClientSampleId :

Tgt Ion: 43 Resp: 67753

Ion Ratio Lower Upper

43 100

58 54.5 31.4 94.0



#60

Dibromochloromethane

Concen: 19.543 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY019241.D

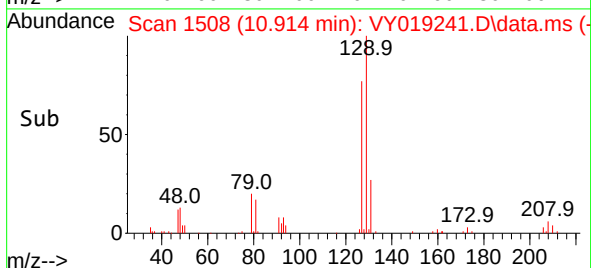
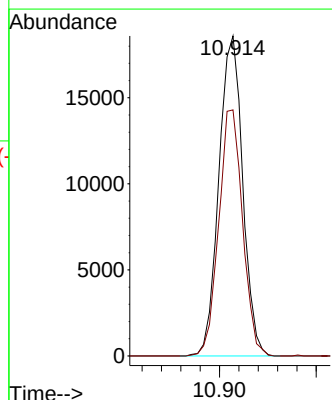
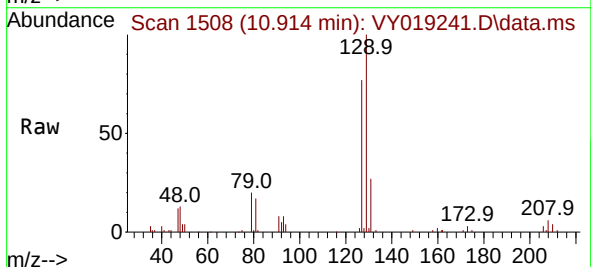
Acq: 23 Aug 2024 01:03

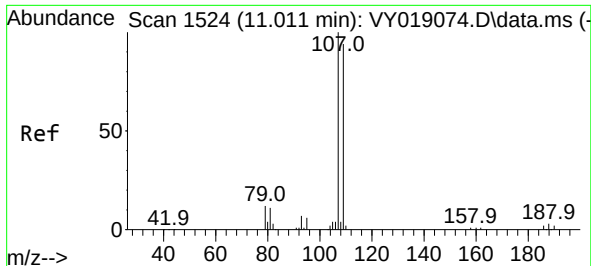
Tgt Ion:129 Resp: 31718

Ion Ratio Lower Upper

129 100

127 77.0 39.0 117.0

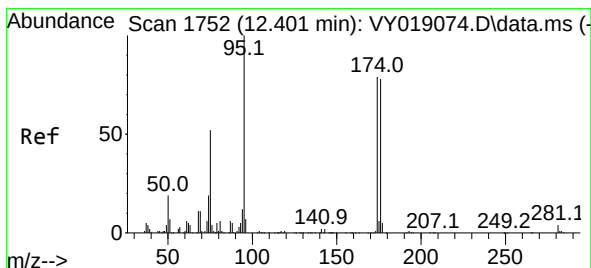
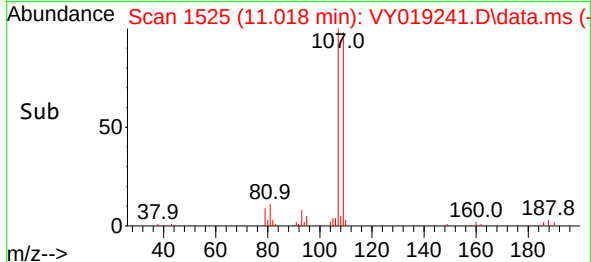
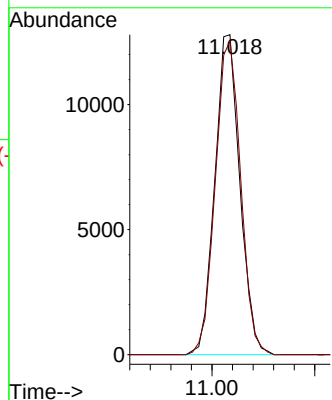
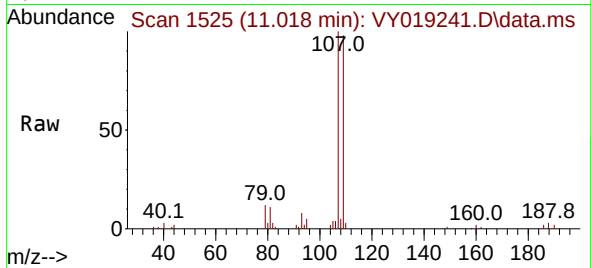




#61
1,2-Dibromoethane
Concen: 18.821 ug/l
RT: 11.018 min Scan# 11018
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

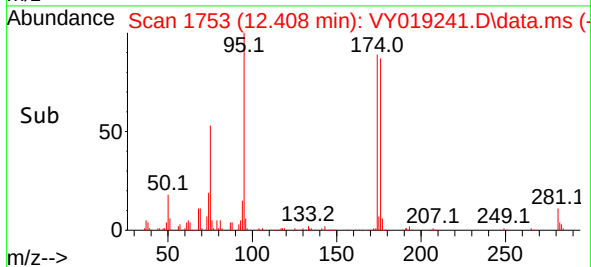
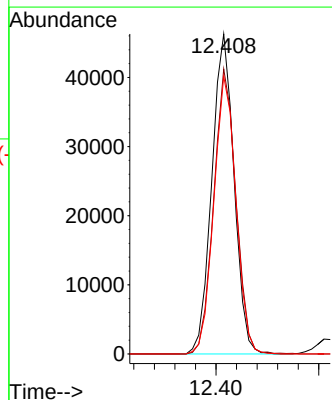
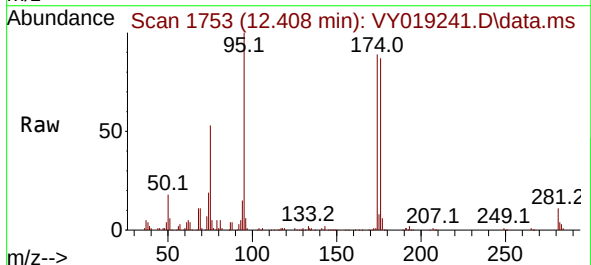
Instrument :
MSVOA_Y
ClientSampleId :

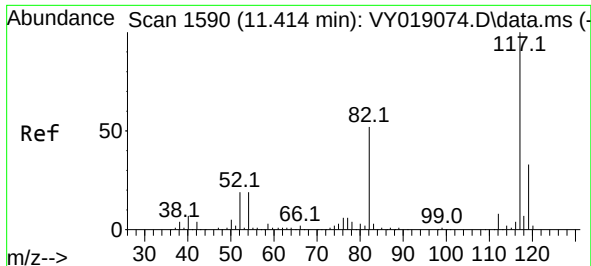
Tgt Ion:107 Resp: 21676
Ion Ratio Lower Upper
107 100
109 99.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 37.095 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Tgt Ion: 95 Resp: 69213
Ion Ratio Lower Upper
95 100
174 89.3 0.0 175.6
176 86.5 0.0 171.4

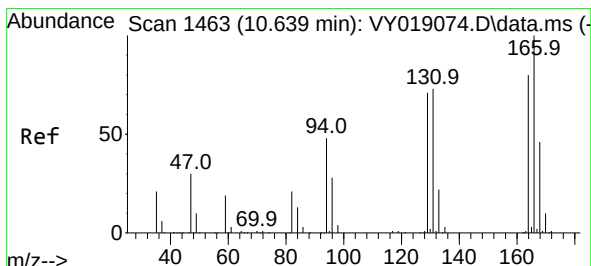
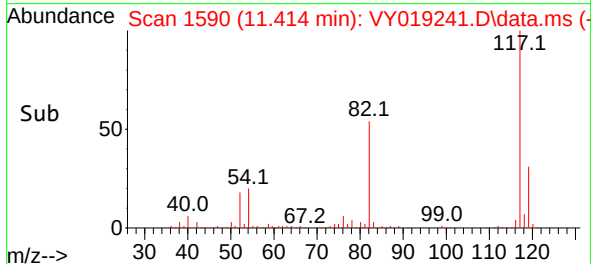
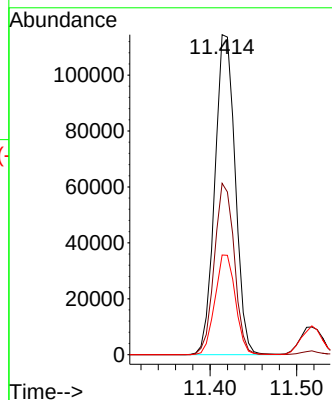
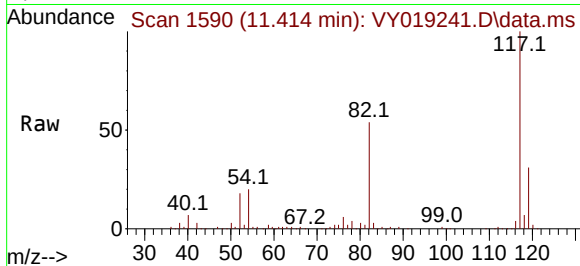




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

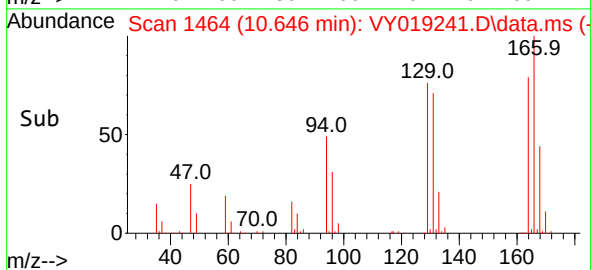
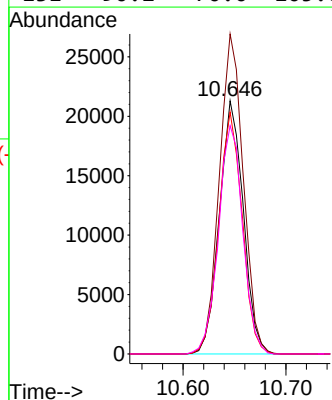
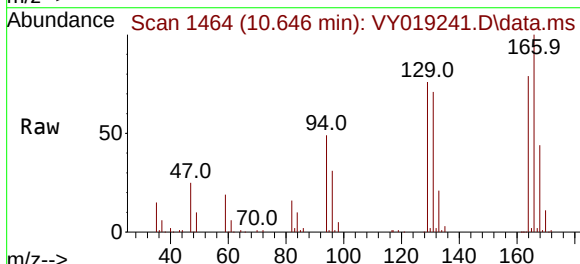
Instrument :
MSVOA_Y
ClientSampleId :

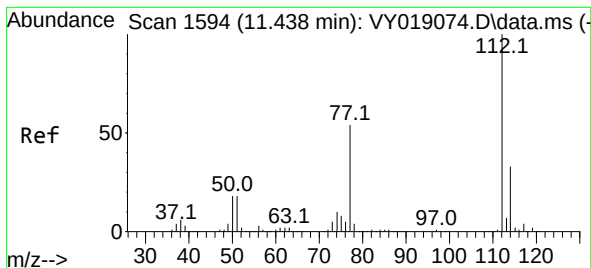
Tgt Ion:117 Resp: 187103
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 31.2 25.9 38.9



#64
Tetrachloroethene
Concen: 21.081 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Tgt Ion:164 Resp: 34477
Ion Ratio Lower Upper
164 100
166 126.4 102.6 154.0
129 95.6 72.0 108.0
131 90.2 70.0 105.0





#65

Chlorobenzene

Concen: 17.552 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

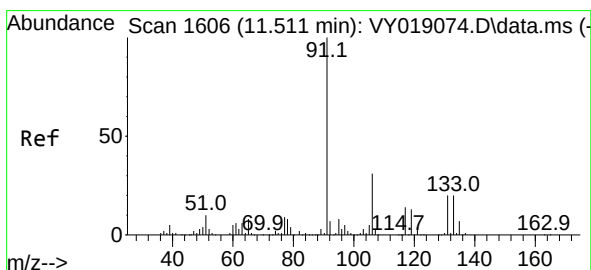
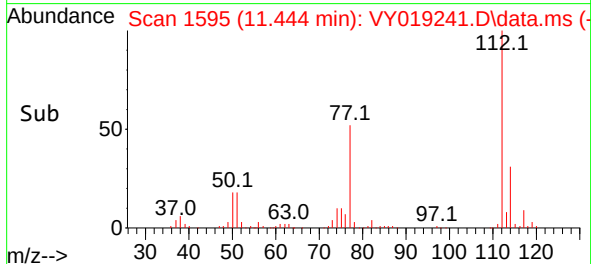
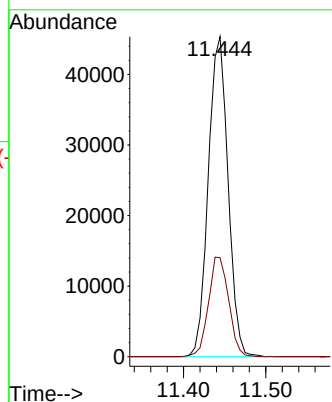
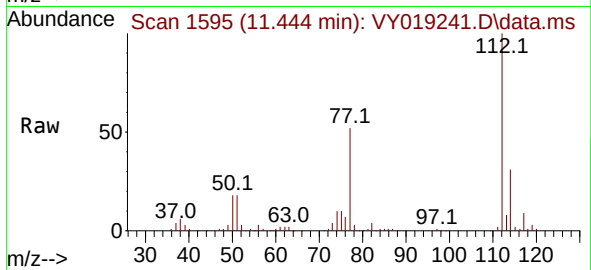
ClientSampleId :

Tgt Ion:112 Resp: 75621

Ion Ratio Lower Upper

112 100

114 31.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 18.063 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

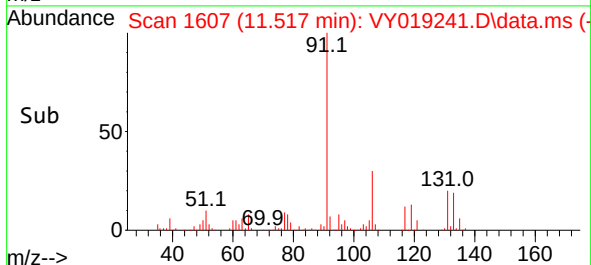
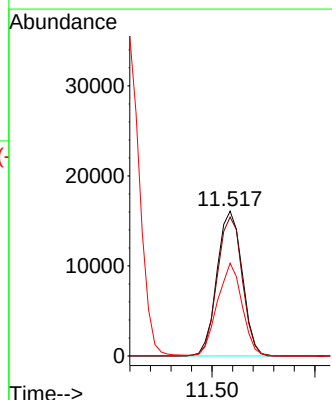
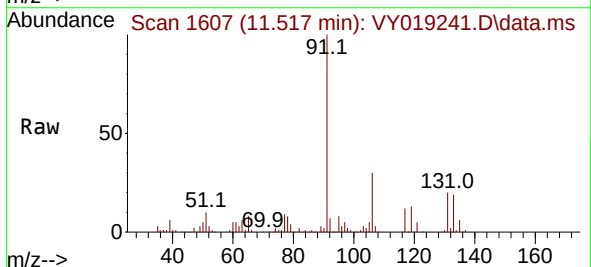
Tgt Ion:131 Resp: 27367

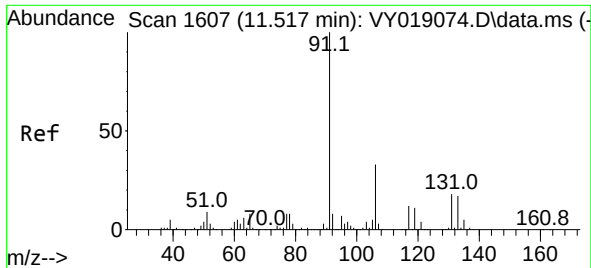
Ion Ratio Lower Upper

131 100

133 95.1 47.8 143.3

119 62.9 34.1 102.2





#67

Ethyl Benzene

Concen: 17.294 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

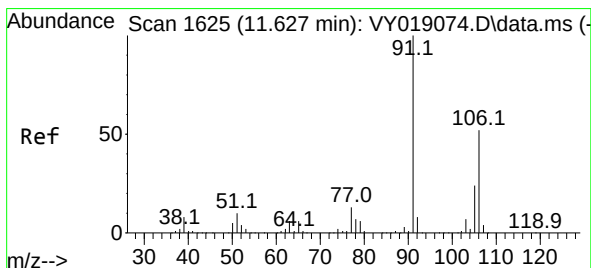
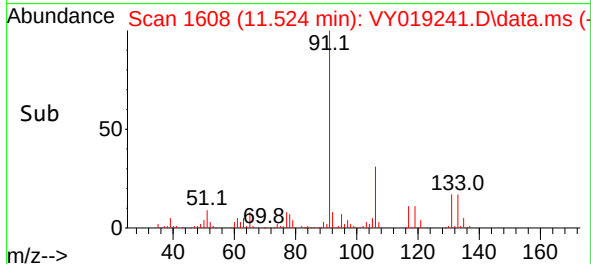
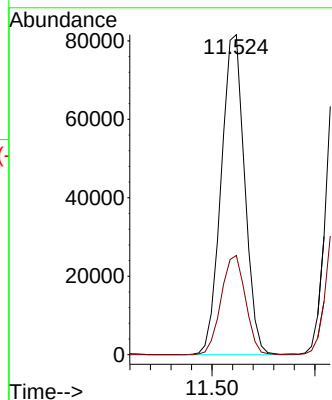
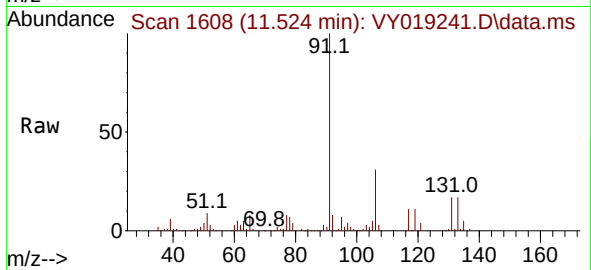
ClientSampleId :

Tgt Ion: 91 Resp: 129320

Ion Ratio Lower Upper

91 100

106 31.0 24.5 36.7



#68

m/p-Xylenes

Concen: 39.037 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019241.D

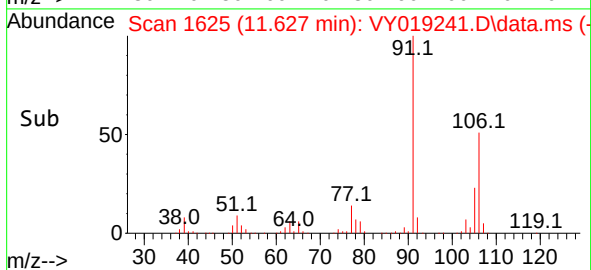
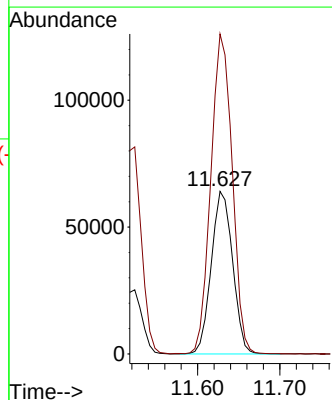
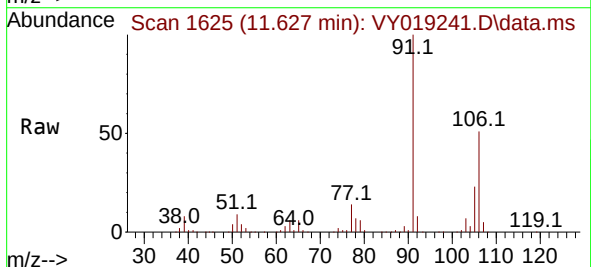
Acq: 23 Aug 2024 01:03

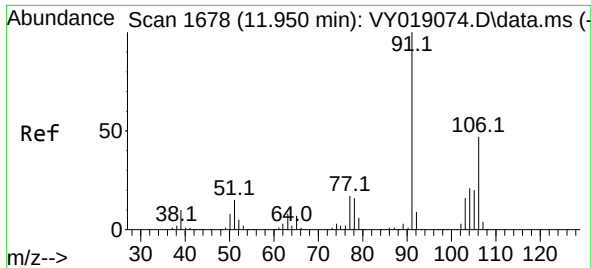
Tgt Ion:106 Resp: 115827

Ion Ratio Lower Upper

106 100

91 197.2 156.0 234.0

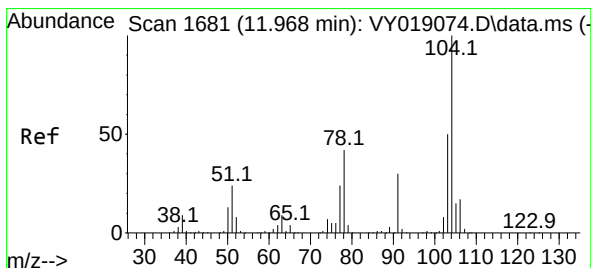
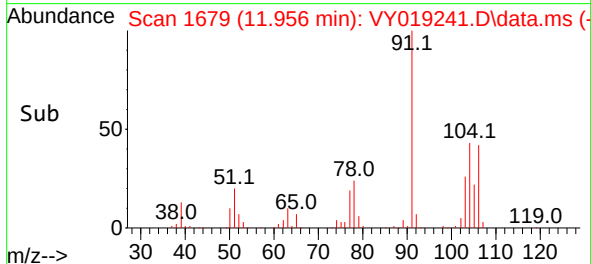
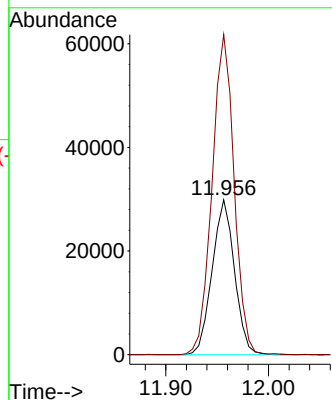
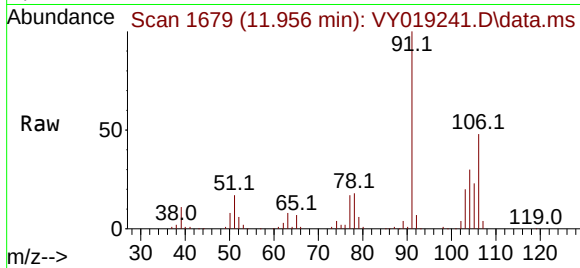




#69
o-Xylene
Concen: 16.424 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

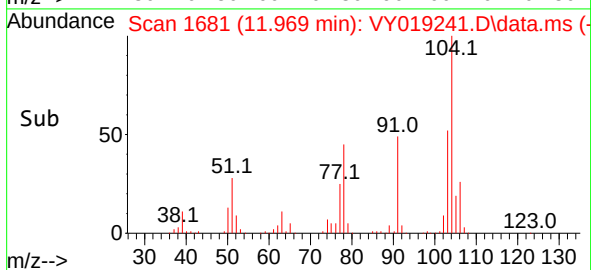
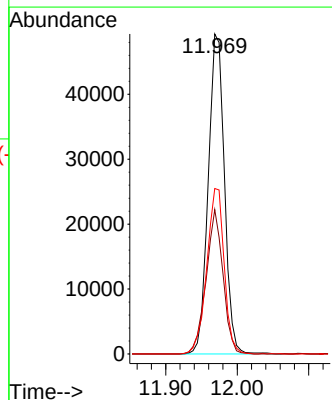
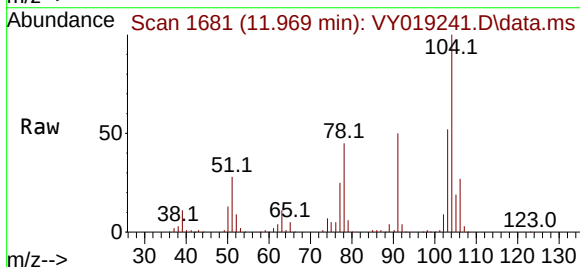
Instrument :
MSVOA_Y
ClientSampleId :

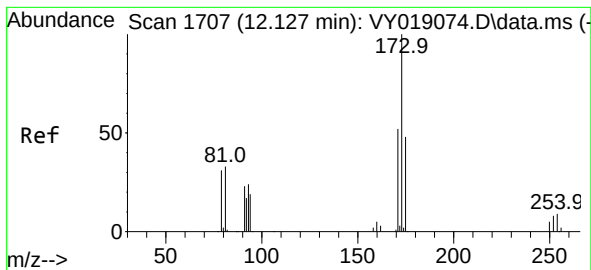
Tgt Ion:106 Resp: 45127
Ion Ratio Lower Upper
106 100
91 204.0 103.6 310.8



#70
Styrene
Concen: 16.530 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Tgt Ion:104 Resp: 77452
Ion Ratio Lower Upper
104 100
78 47.2 37.0 55.4
103 55.7 44.2 66.2





#71

Bromoform

Concen: 16.374 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY019241.D

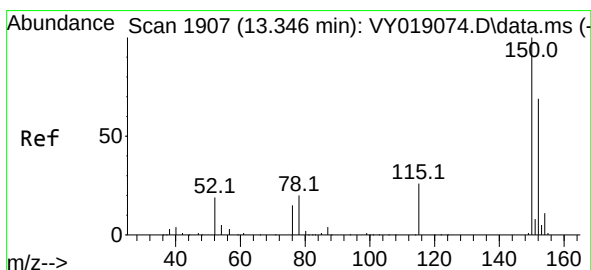
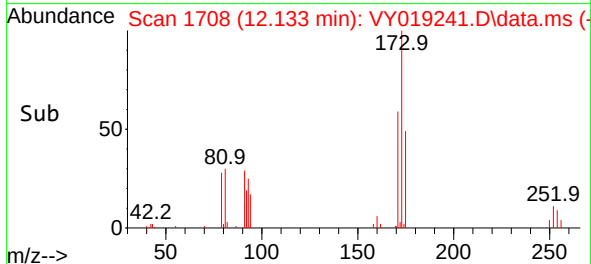
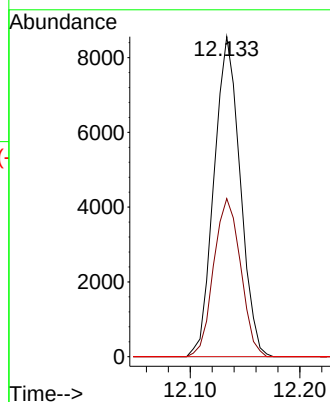
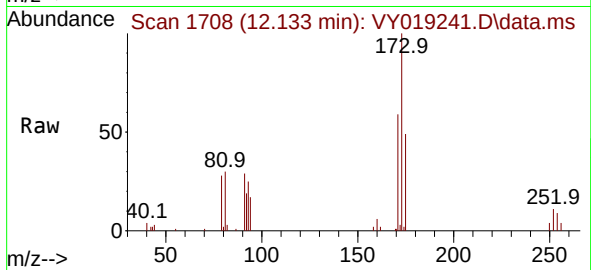
Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	14181
Ion Ratio	Lower	Upper
173	100	
175	50.8	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

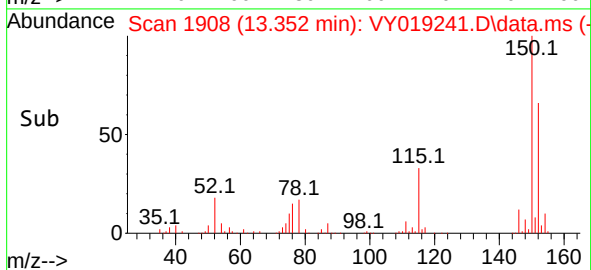
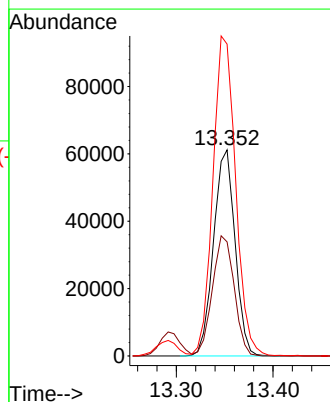
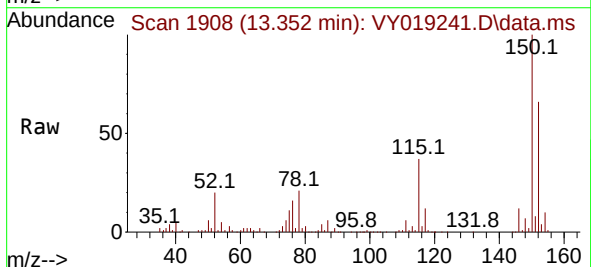
RT: 13.352 min Scan# 1908

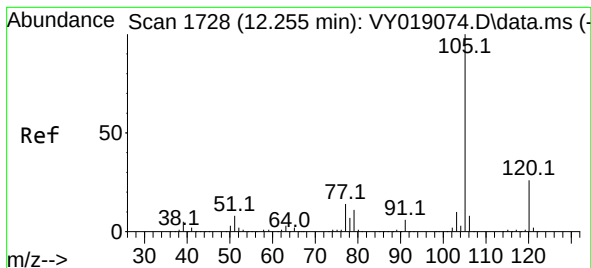
Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Tgt Ion:152	Resp:	94486
Ion Ratio	Lower	Upper
152	100	
115	59.3	28.2 84.7
150	164.1	0.0 345.6





#73

Isopropylbenzene

Concen: 16.271 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

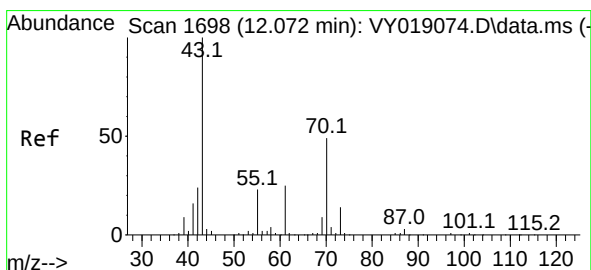
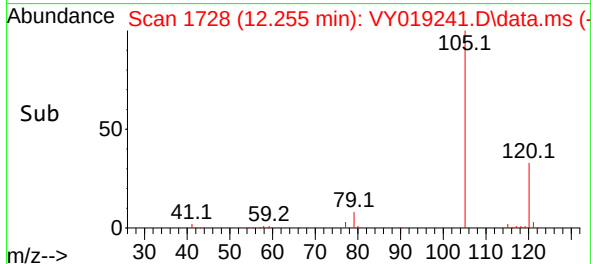
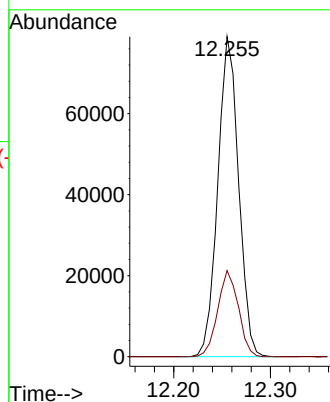
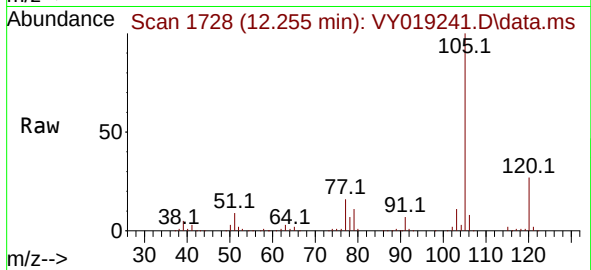
ClientSampleId :

Tgt Ion:105 Resp: 117835

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 15.460 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Tgt Ion: 43 Resp: 24414

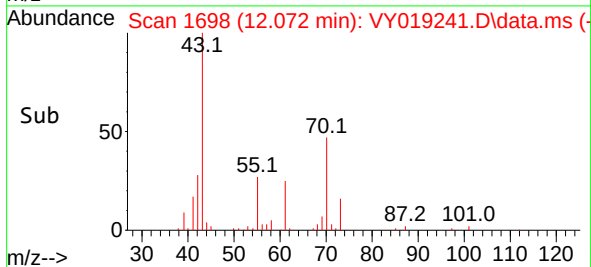
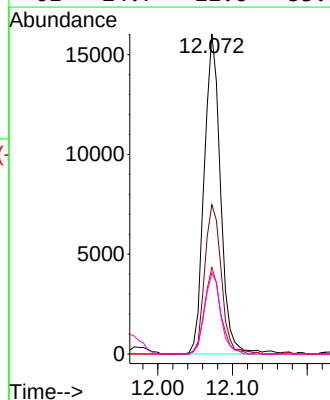
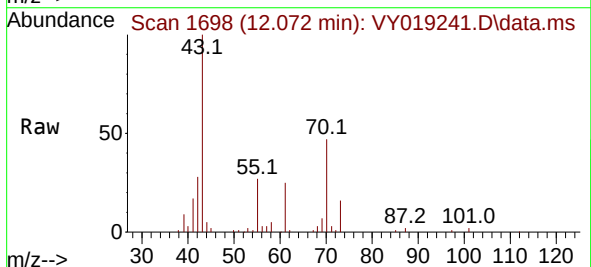
Ion Ratio Lower Upper

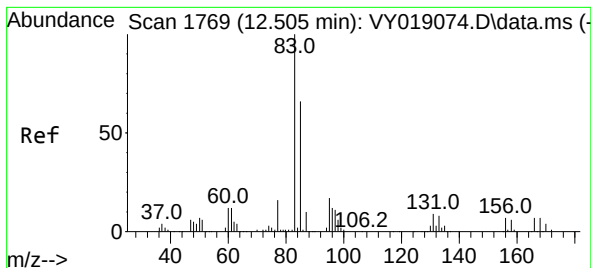
43 100

70 47.1 41.4 62.2

55 26.2 23.3 34.9

61 24.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 16.600 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

ClientSampleId :

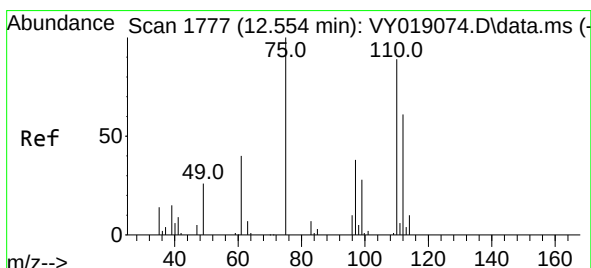
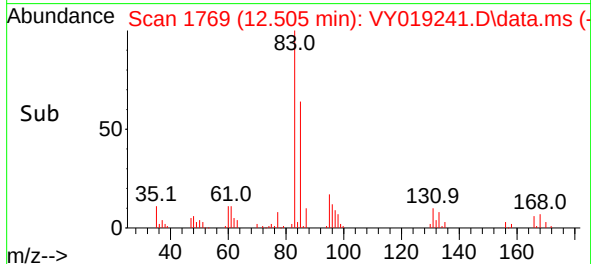
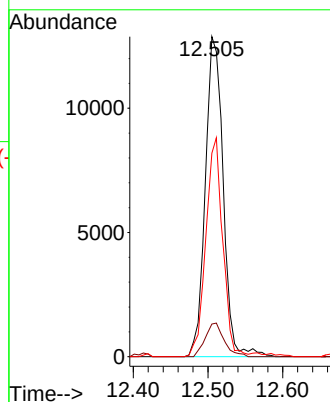
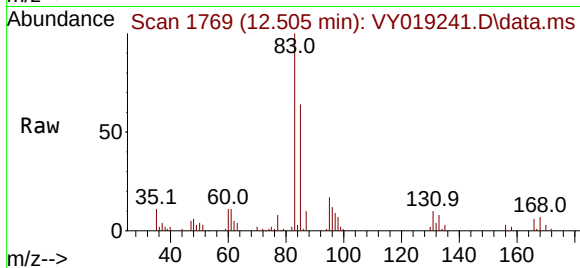
Tgt Ion: 83 Resp: 21402

Ion Ratio Lower Upper

83 100

131 11.1 5.0 14.9

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 27.926 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY019241.D

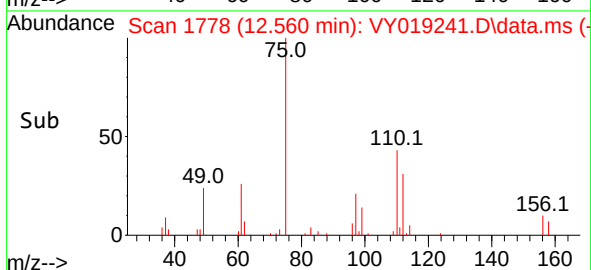
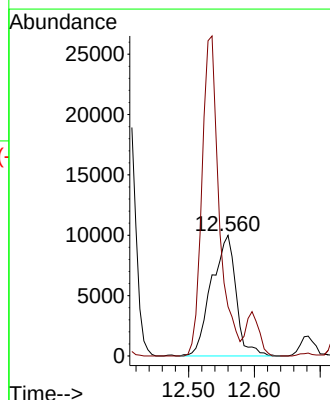
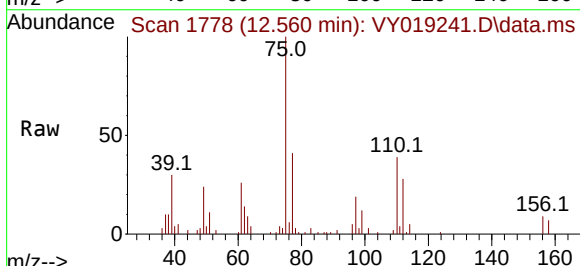
Acq: 23 Aug 2024 01:03

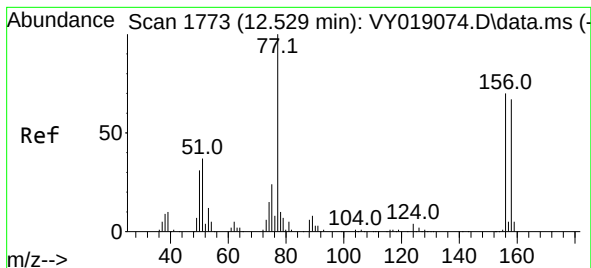
Tgt Ion: 75 Resp: 26022

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 16.564 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

ClientSampleId :

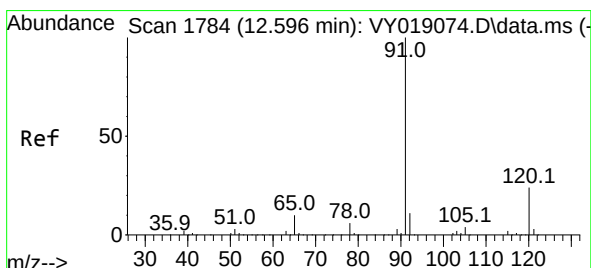
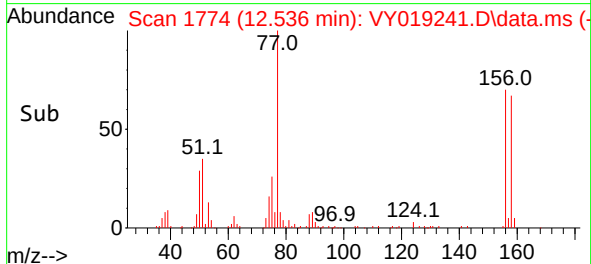
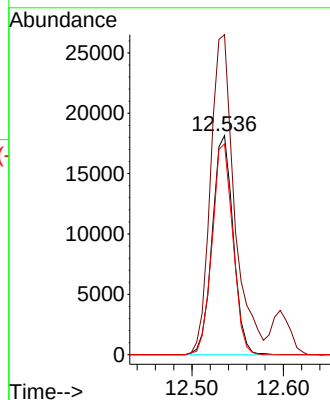
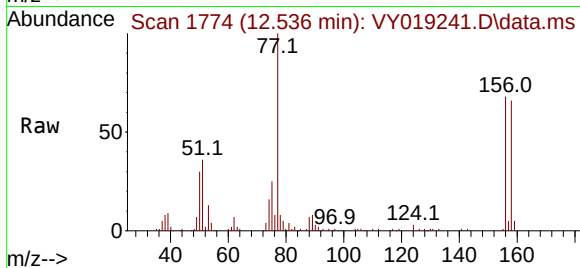
Tgt Ion:156 Resp: 28808

Ion Ratio Lower Upper

156 100

77 167.6 87.1 261.3

158 95.1 48.6 145.9



#78

n-propylbenzene

Concen: 16.157 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019241.D

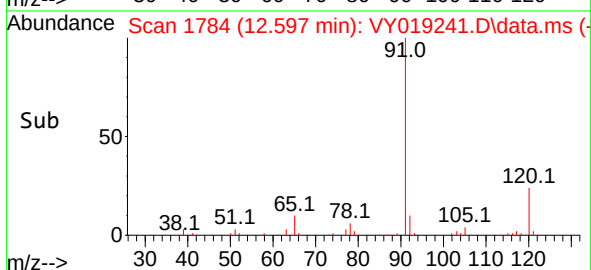
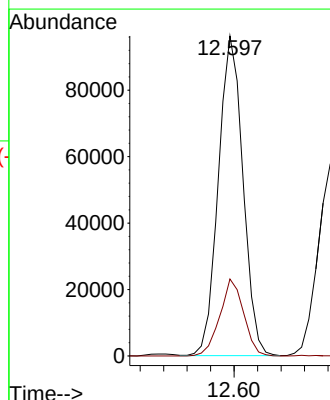
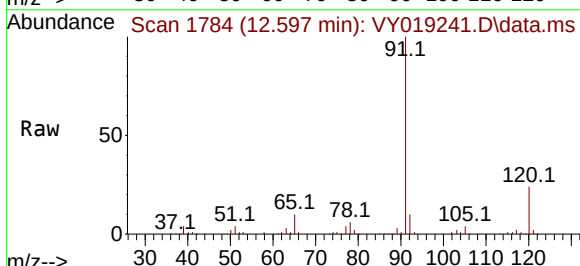
Acq: 23 Aug 2024 01:03

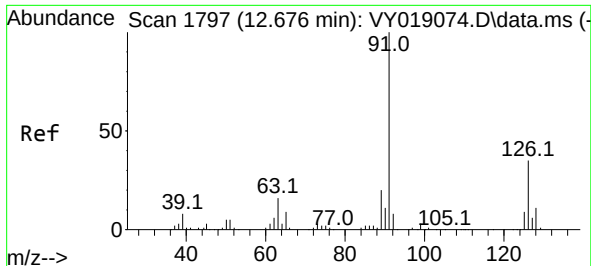
Tgt Ion: 91 Resp: 139871

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

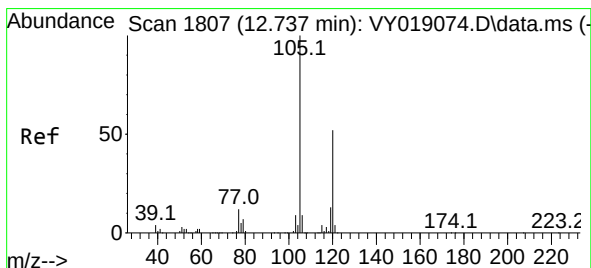
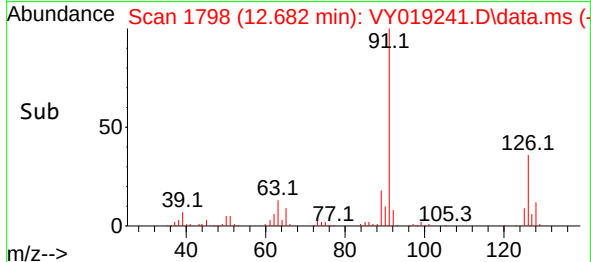
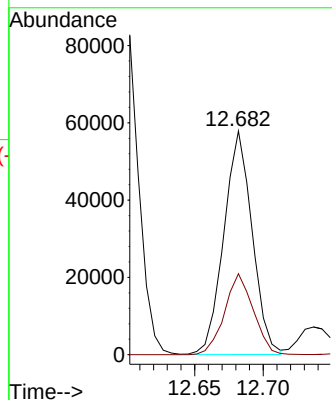
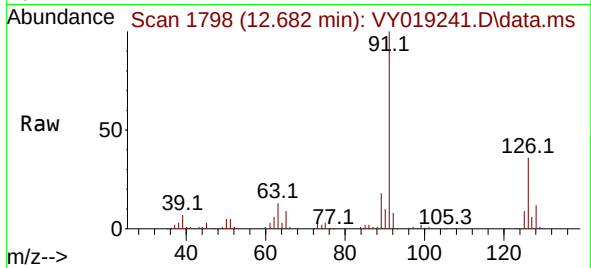




#79
2-Chlorotoluene
Concen: 17.127 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

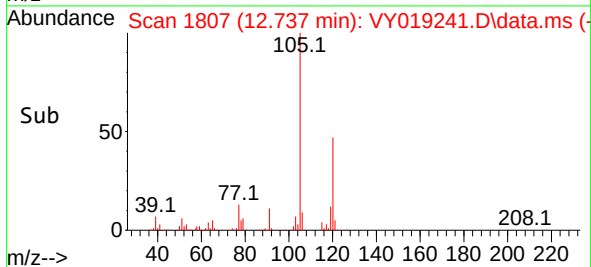
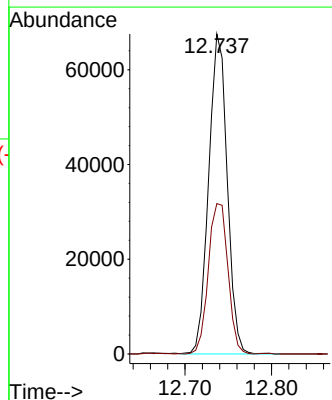
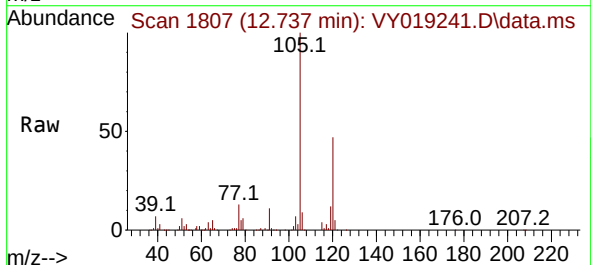
Instrument :
MSVOA_Y
ClientSampleId :

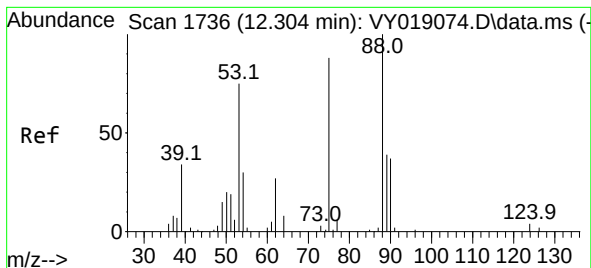
Tgt Ion: 91 Resp: 83127
Ion Ratio Lower Upper
91 100
126 36.7 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 17.024 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Tgt Ion: 105 Resp: 100434
Ion Ratio Lower Upper
105 100
120 49.7 25.1 75.2

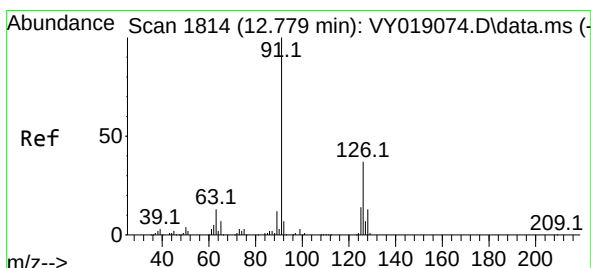
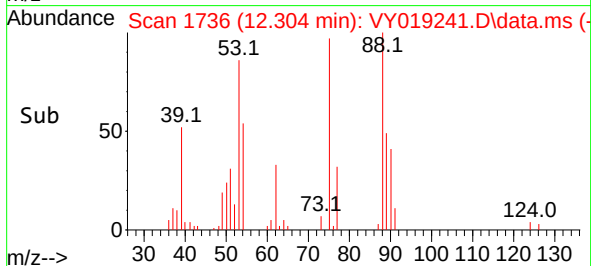
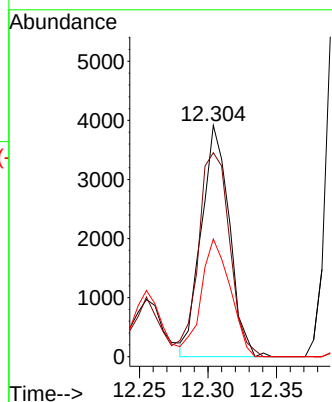
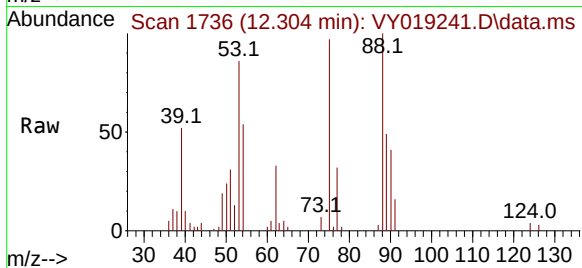




#81
trans-1,4-Dichloro-2-butene
Concen: 14.776 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

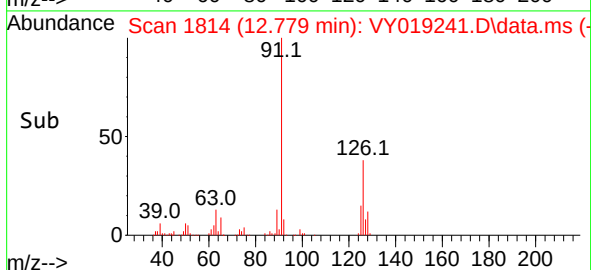
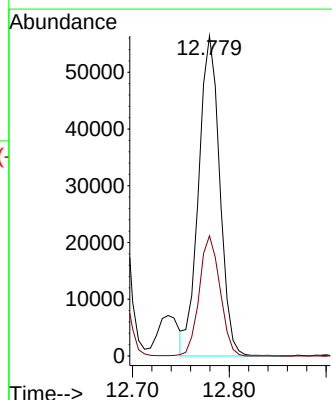
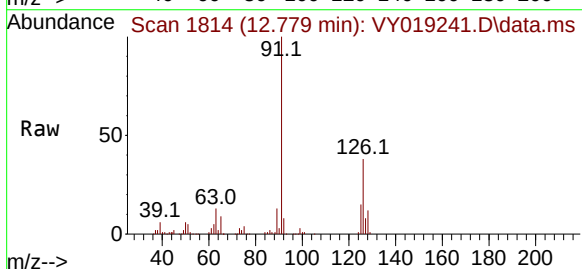
Instrument :
MSVOA_Y
ClientSampleId :

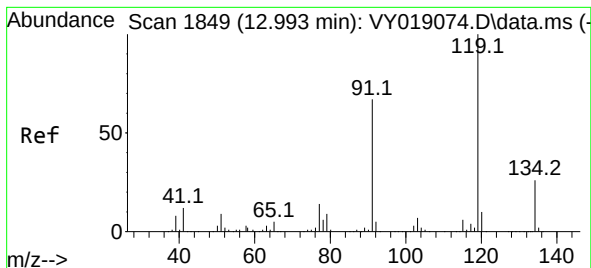
Tgt Ion:	75	Resp:	5575
Ion	Ratio	Lower	Upper
75	100		
53	98.8	66.8	100.2
89	52.6	35.8	53.6



#82
4-Chlorotoluene
Concen: 16.965 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019241.D
Acq: 23 Aug 2024 01:03

Tgt Ion:	91	Resp:	85666
Ion	Ratio	Lower	Upper
91	100		
126	36.8	17.6	52.9





#83

tert-Butylbenzene

Concen: 17.653 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

ClientSampleId :

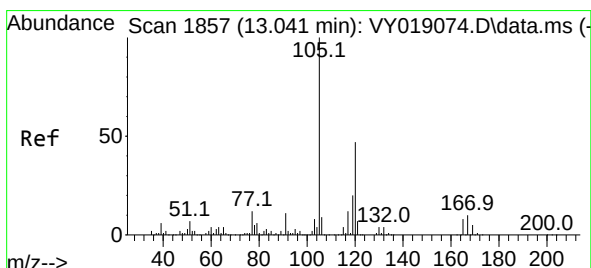
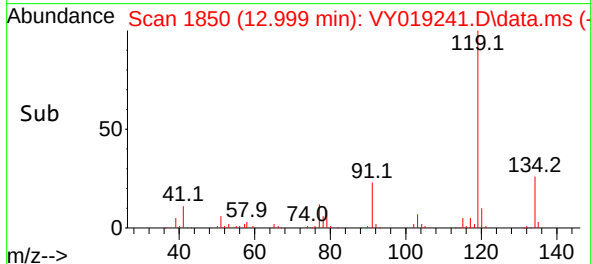
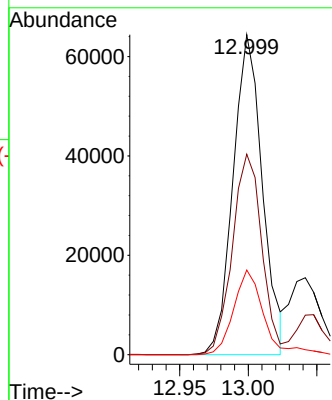
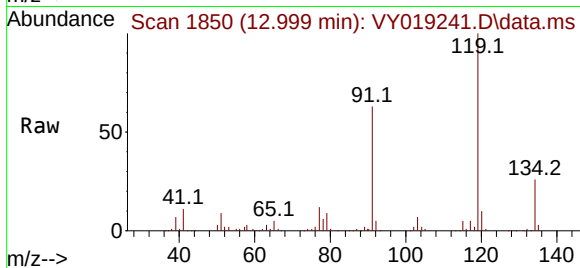
Tgt Ion:119 Resp: 96175

Ion Ratio Lower Upper

119 100

91 62.7 31.3 93.8

134 27.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.281 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019241.D

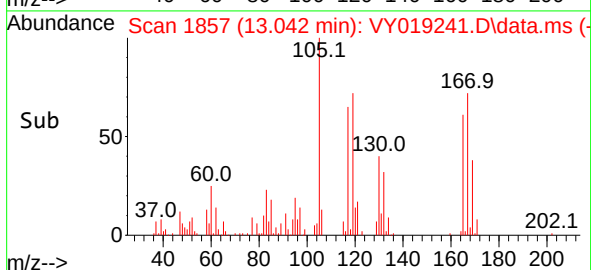
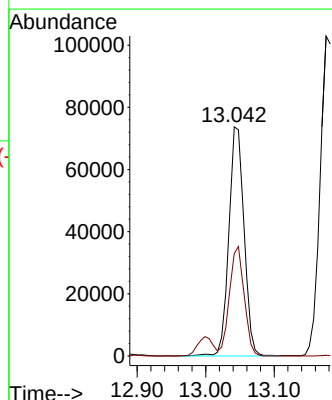
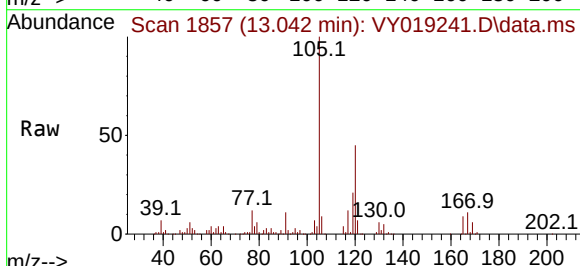
Acq: 23 Aug 2024 01:03

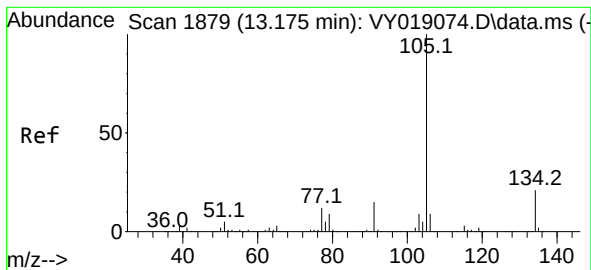
Tgt Ion:105 Resp: 113373

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.699 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

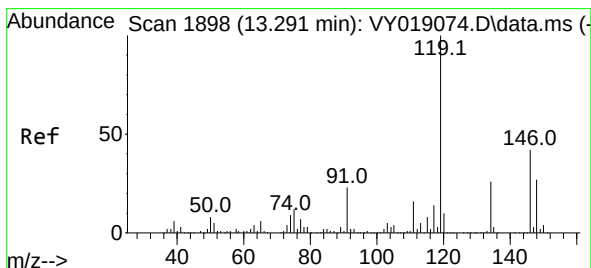
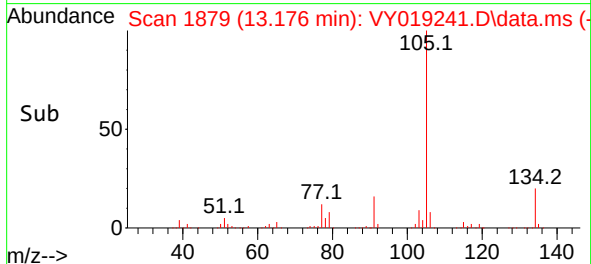
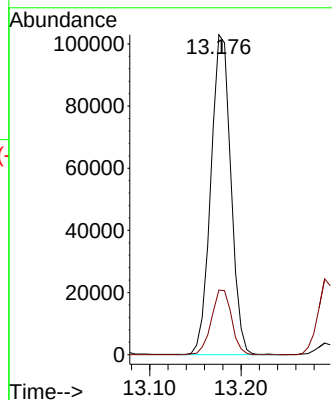
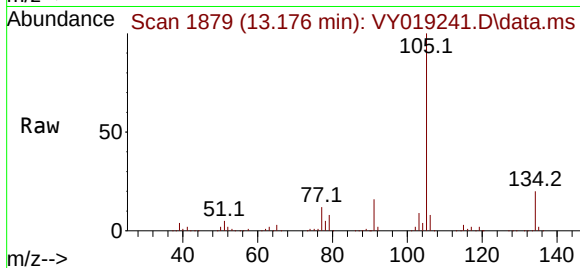
ClientSampleId :

Tgt Ion:105 Resp: 156397

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.516 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

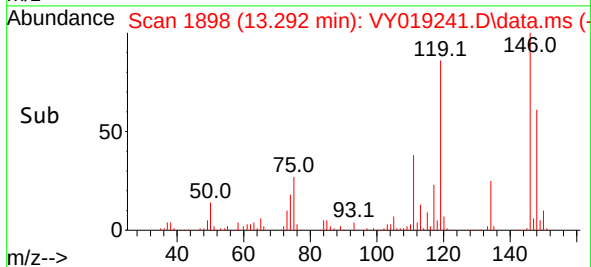
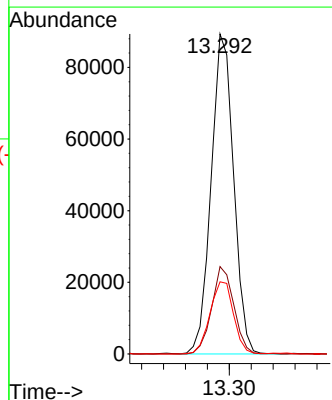
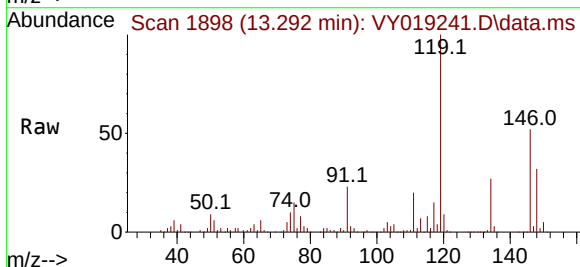
Tgt Ion:119 Resp: 127274

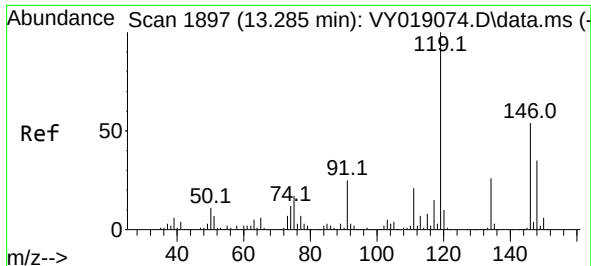
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 23.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.037 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

ClientSampleId :

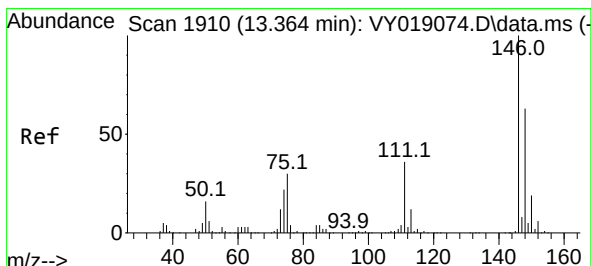
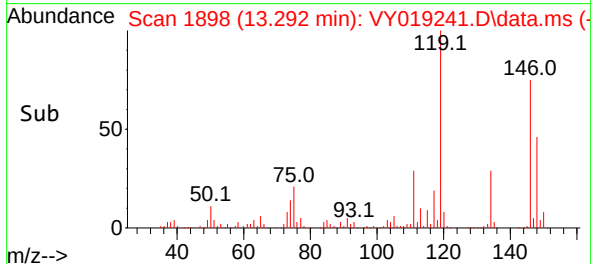
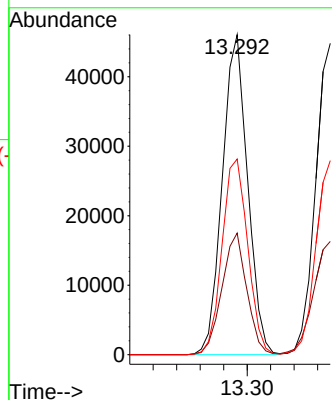
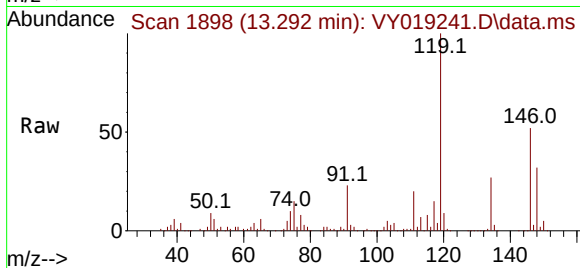
Tgt Ion:146 Resp: 68727

Ion Ratio Lower Upper

146 100

111 37.6 19.0 57.0

148 62.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.891 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

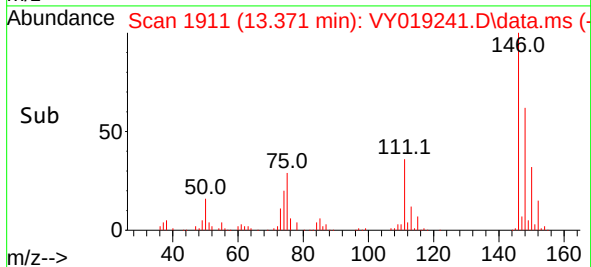
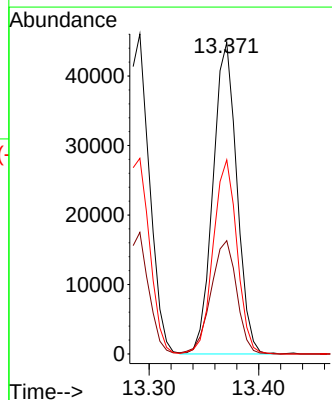
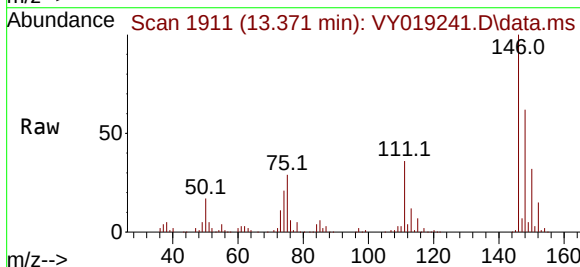
Tgt Ion:146 Resp: 67818

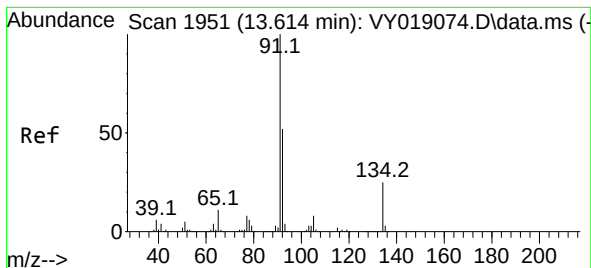
Ion Ratio Lower Upper

146 100

111 39.3 18.4 55.4

148 62.2 32.4 97.2





#89

n-Butylbenzene

Concen: 19.284 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

ClientSampleId :

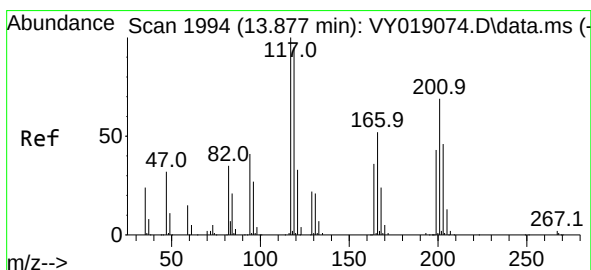
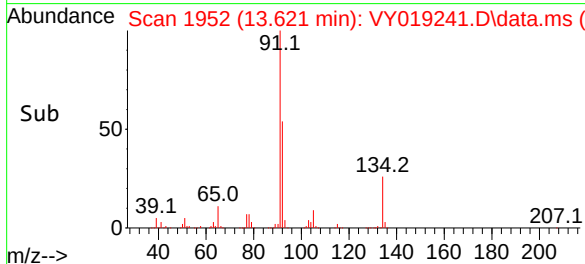
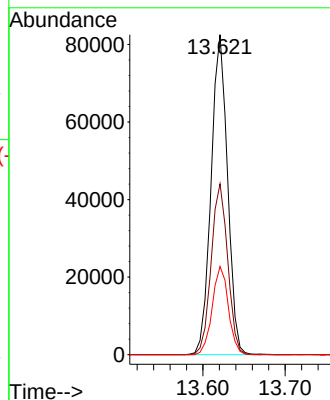
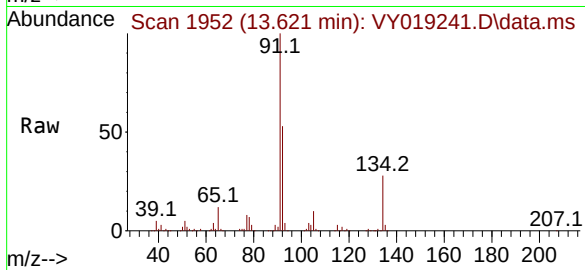
Tgt Ion: 91 Resp: 114658

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.7

134 27.0 12.9 38.7



#90

Hexachloroethane

Concen: 19.883 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY019241.D

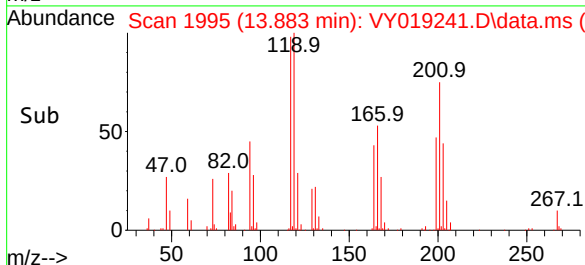
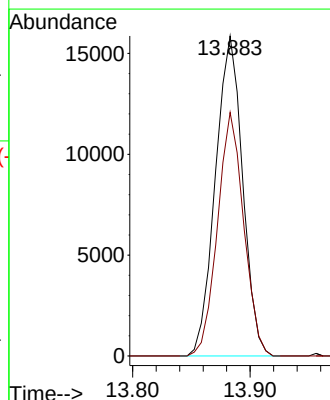
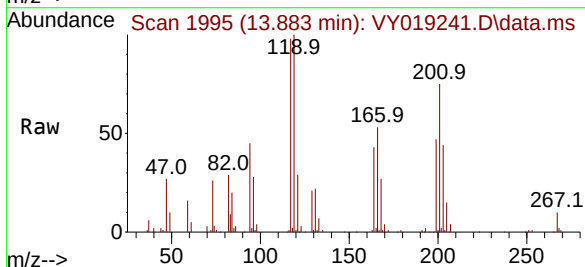
Acq: 23 Aug 2024 01:03

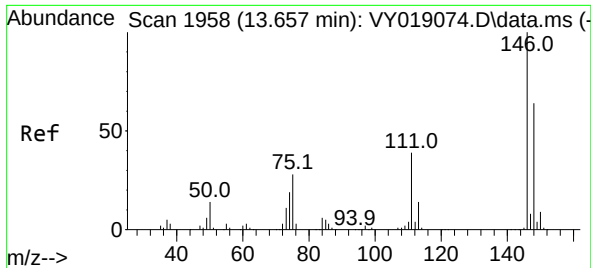
Tgt Ion: 117 Resp: 25557

Ion Ratio Lower Upper

117 100

201 73.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.250 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

ClientSampleId :

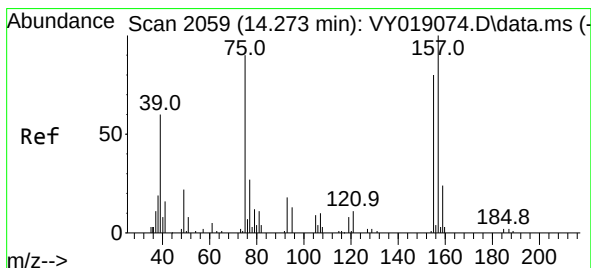
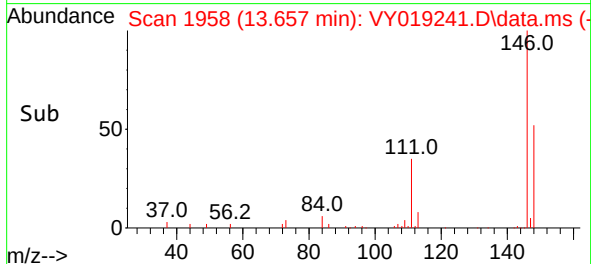
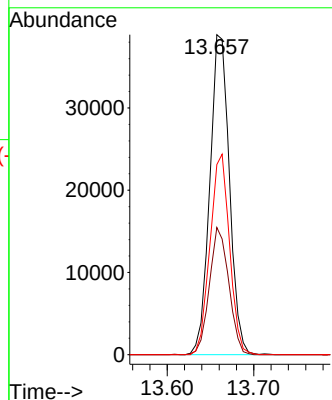
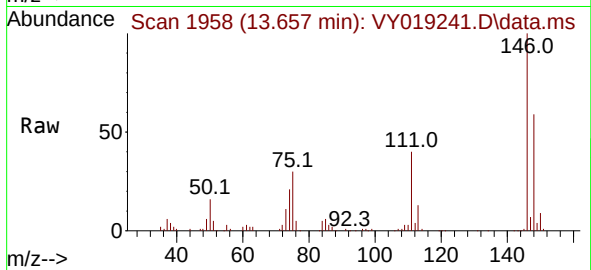
Tgt Ion:146 Resp: 61088

Ion Ratio Lower Upper

146 100

111 39.4 19.9 59.7

148 62.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.028 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

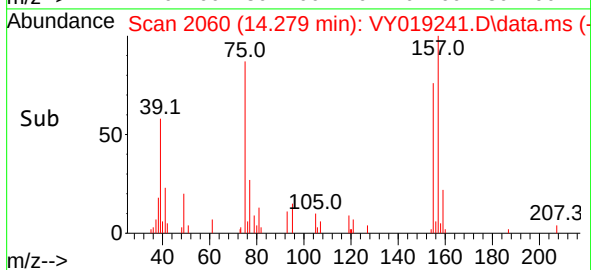
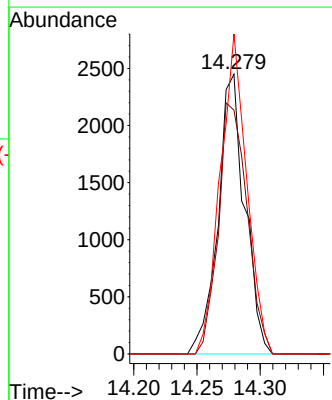
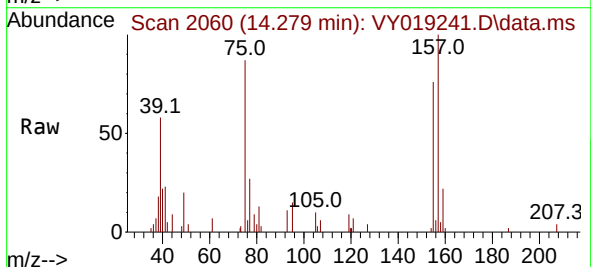
Tgt Ion: 75 Resp: 3609

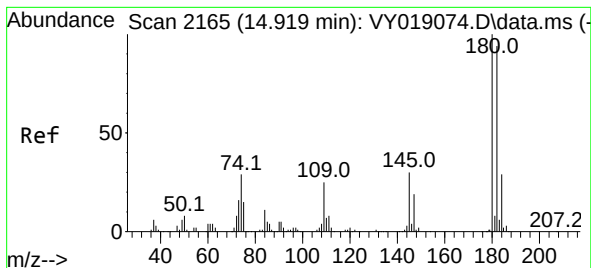
Ion Ratio Lower Upper

75 100

155 96.0 48.6 145.8

157 113.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 17.784 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

ClientSampleId :

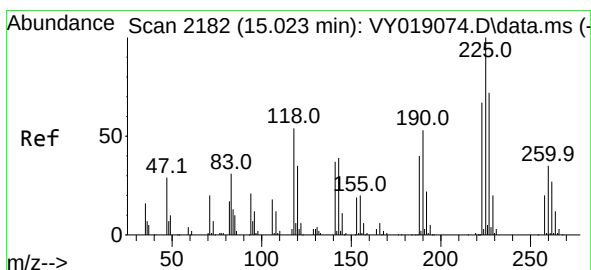
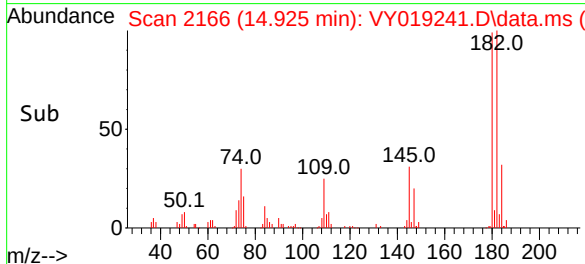
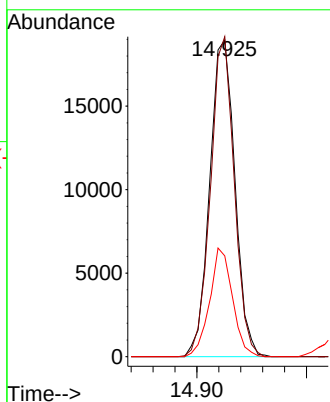
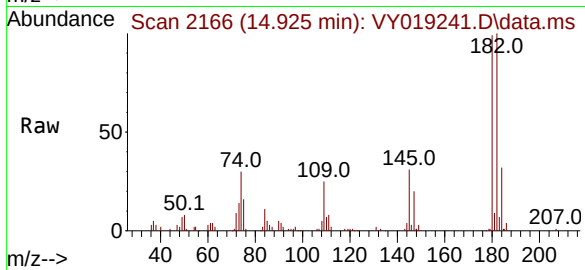
Tgt Ion:180 Resp: 30254

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.8

145 31.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.038 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

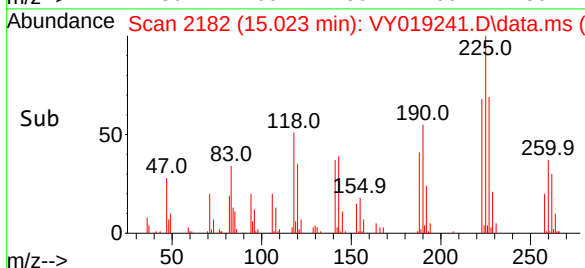
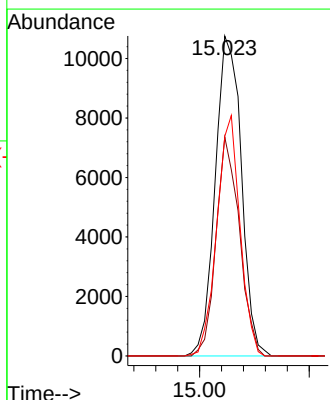
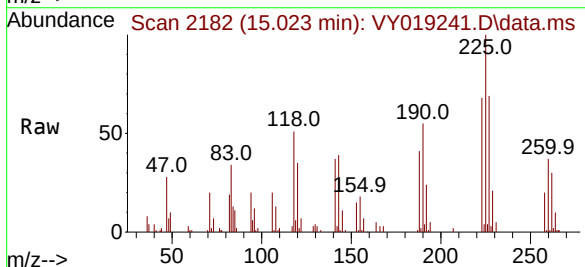
Tgt Ion:225 Resp: 17756

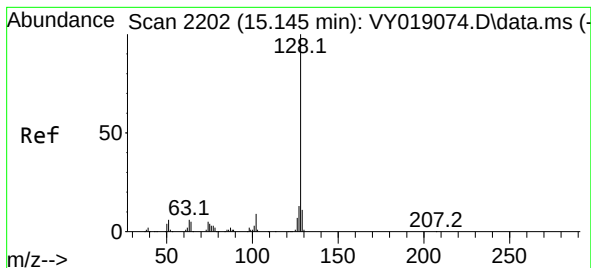
Ion Ratio Lower Upper

225 100

223 61.3 30.4 91.2

227 66.7 31.9 95.9





#95

Naphthalene

Concen: 18.821 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Instrument :

MSVOA_Y

ClientSampleId :

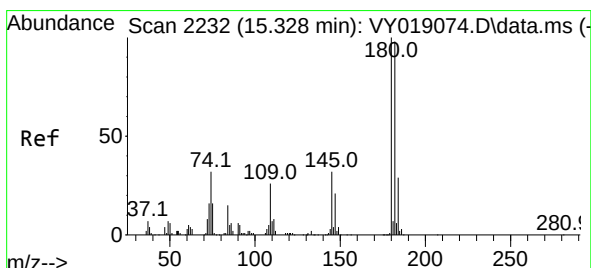
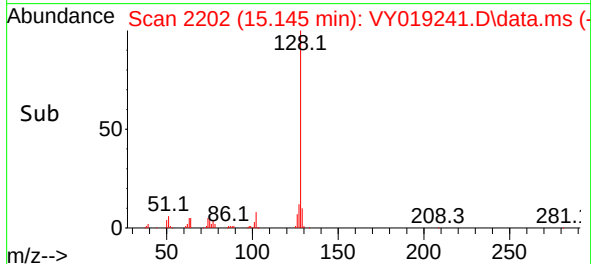
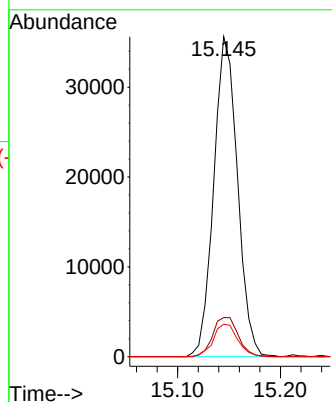
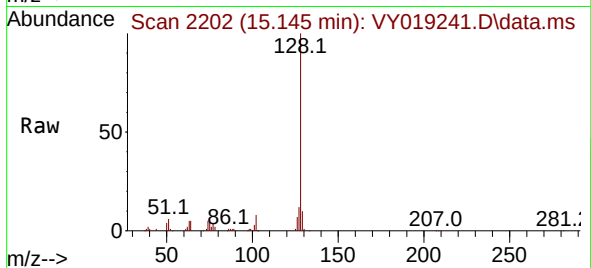
Tgt Ion:128 Resp: 57142

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.004 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019241.D

Acq: 23 Aug 2024 01:03

Tgt Ion:180 Resp: 27267

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.9

145 30.9 15.4 46.1

