

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015025.D
 Acq On : 10 Aug 2023 14:18
 Operator : SY/MD
 Sample : 03945-02
 Misc : 6.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 01:55:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	208023	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	370398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	337146	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	101000	50.000	ug/l	# 0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	111862	44.367	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.740%
35) Dibromofluoromethane	7.722	113	116321	49.109	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.220%
50) Toluene-d8	10.179	98	566839	62.874	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	125.740%
62) 4-Bromofluorobenzene	12.483	95	372562	116.598	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	233.200%#

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.900	85	59	Below Cal	# 43
5) Bromomethane	2.650	94	632	Below Cal	# 62
11) Tert butyl alcohol	4.948	59	964	1.584	ug/l # 89
13) Acrolein	3.680	56	6812	32.908	ug/l # 1
14) Allyl chloride	4.582	41	92870	33.918	ug/l # 64
15) Acrylonitrile	5.167	53	1344	1.870	ug/l # 30
16) Acetone	3.948	43	35109	44.655	ug/l 93
17) Carbon Disulfide	4.192	76	89660	24.663	ug/l 100
18) Methyl Acetate	4.552	43	41687	14.560	ug/l # 54
19) Methyl tert-butyl Ether	5.222	73	26767	4.303	ug/l # 1
20) Methylene Chloride	4.710	84	35065	Below Cal	90
23) Vinyl Acetate	6.033	43	12694	3.311	ug/l # 74
25) 2-Butanone	6.990	43	17554	15.588	ug/l # 66
28) Bromochloromethane	7.533	49	4643	2.847	ug/l # 14
29) Tetrahydrofuran	7.362	42	1732	2.623	ug/l # 42
30) Chloroform	7.527	83	7491	1.906	ug/l # 40
31) Cyclohexane	7.783	56	685281	278.813	ug/l 95
36) 1,1-Dichloropropene	8.155	75	1426027	484.930	ug/l # 1
37) Ethyl Acetate	6.990	43	17554	7.520	ug/l # 89
38) Carbon Tetrachloride	7.795	117	20543	6.214	ug/l # 16
39) Methylcyclohexane	9.185	83	2326584	665.292	ug/l 95
41) Methacrylonitrile	7.350	41	10705	9.437	ug/l # 41
42) 1,2-Dichloroethane	8.161	62	924631	306.762	ug/l # 78
43) Isopropyl Acetate	8.271	43	110271	25.427	ug/l # 55
45) 1,2-Dichloropropane	9.246	63	6925	3.009	ug/l # 1
47) Bromodichloromethane	9.472	83	26517	7.767	ug/l # 45
48) Methyl methacrylate	9.246	41	168544	88.578	ug/l # 43
51) 4-Methyl-2-Pentanone	10.179	43	63679	26.056	ug/l # 51
52) Toluene	10.246	92	3716022	666.873	ug/l 92
53) t-1,3-Dichloropropene	10.618	75	4579	1.288	ug/l # 1
55) 1,1,2-Trichloroethane	10.624	97	461093	213.996	ug/l # 19
56) Ethyl methacrylate	10.526	69	160826	52.127	ug/l # 1
58) 2-Chloroethyl Vinyl ether	9.764	63	23799	16.314	ug/l # 48
59) 2-Hexanone	10.807	43	963732	533.815	ug/l # 32
61) 1,2-Dibromoethane	11.099	107	7417	3.606	ug/l # 2
65) Chlorobenzene	11.697	112	540279	84.453	ug/l # 51

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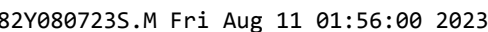
Quant Time: Aug 11 01:55:52 2023
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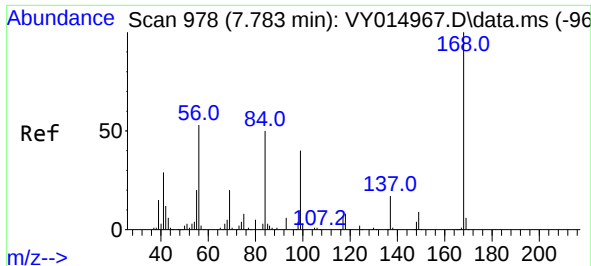
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

67) Ethyl Benzene	11.697	91	2964659	264.059	ug/l #	38
68) m/p-Xylenes	11.715	106	19815274	4613.608	ug/l #	1
70) Styrene	12.056	104	2025197	281.972	ug/l #	1
74) N-amyl acetate	12.136	43	1544455	665.807	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.544	83	139023	83.790	ug/l #	78
76) 1,2,3-Trichloropropane	12.611	75	47768	39.471	ug/l #	100
78) n-propylbenzene	12.672	91	3869998	476.574	ug/l #	1
79) 2-Chlorotoluene	12.745	91	3024580	653.536	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.727	105	3288637	587.788	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.337	75	719021	1308.874	ug/l #	62
82) 4-Chlorotoluene	12.745	91	3024580	632.185	ug/l #	40
83) tert-Butylbenzene	13.142	119	10079042	1969.241	ug/l #	44
84) 1,2,4-Trimethylbenzene	13.264	105	1595432	284.616	ug/l #	32
85) sec-Butylbenzene	13.264	105	1596728	212.561	ug/l #	54
86) p-Isopropyltoluene	13.385	119	12243552	1969.054	ug/l	92
89) n-Butylbenzene	13.678	91	8231293	1408.924	ug/l #	37
90) Hexachloroethane	13.971	117	2263419	1874.480	ug/l #	8
91) 1,2-Dichlorobenzene	13.727	146	3842	1.291	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.379	75	22465	69.346	ug/l #	5

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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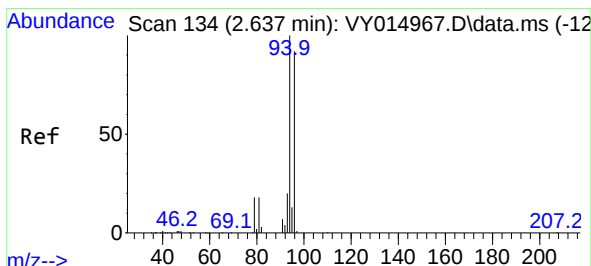
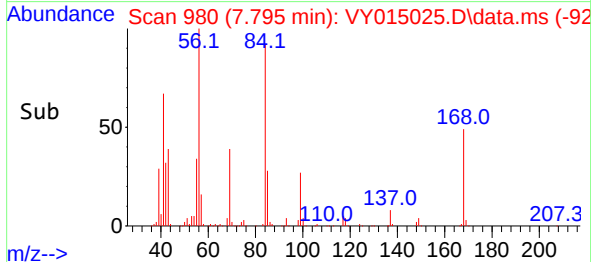
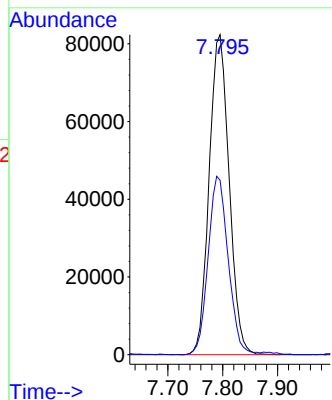
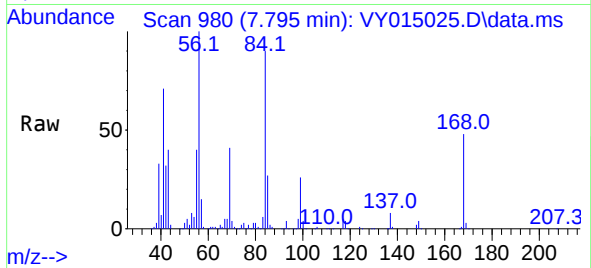




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
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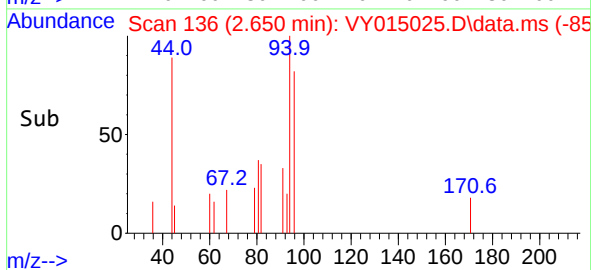
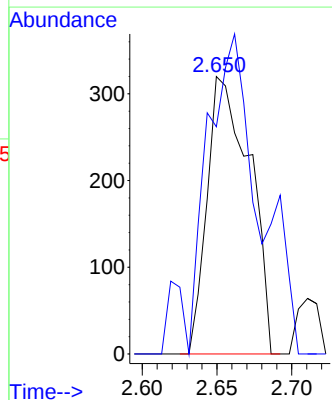
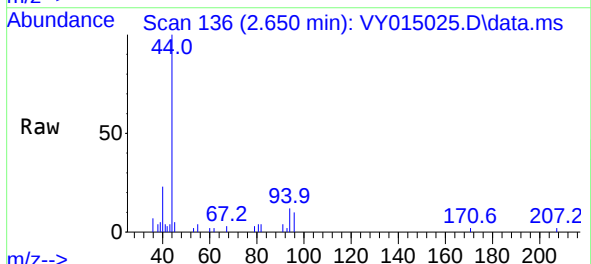
Instrument :
MSVOA_Y
ClientSampleId :

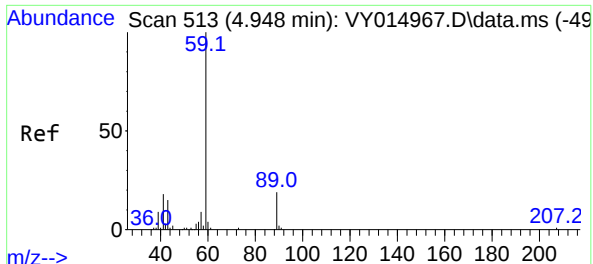
Tgt Ion:168 Resp: 208023
Ion Ratio Lower Upper
168 100
99 54.6 43.4 65.0



#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 136
Delta R.T. 0.013 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion: 94 Resp: 632
Ion Ratio Lower Upper
94 100
96 57.8 75.8 113.6#





#11

Tert butyl alcohol

Concen: 1.584 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

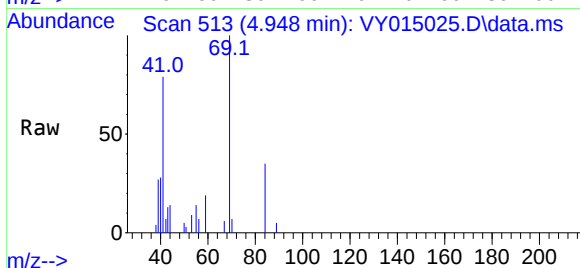
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Acq: 10 Aug 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

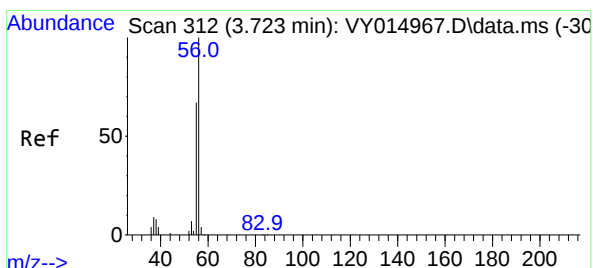
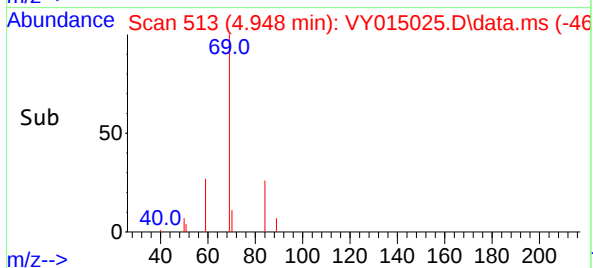
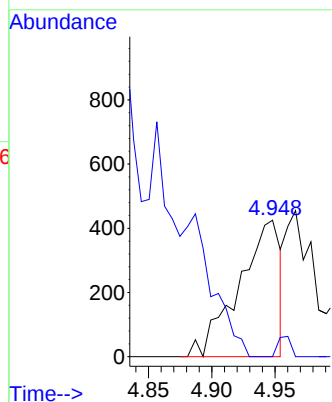


Tgt Ion: 59 Resp: 964

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#13

Acrolein

Concen: 32.908 ug/l

RT: 3.680 min Scan# 305

Delta R.T. -0.043 min

Lab File: VY015025.D

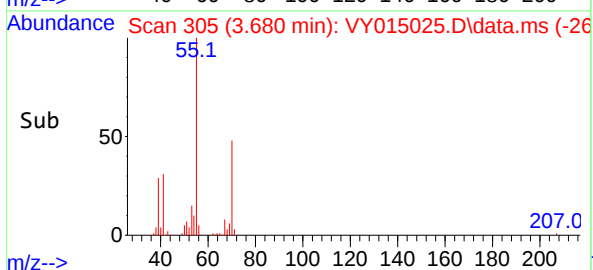
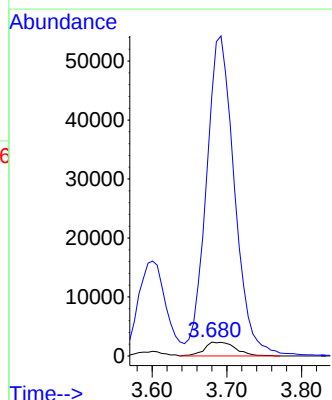
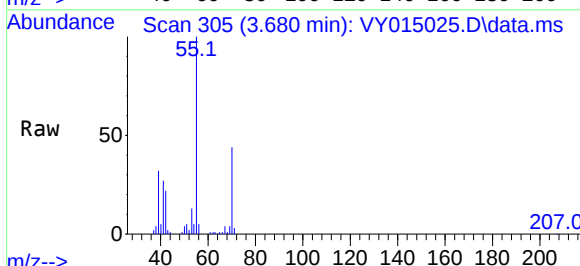
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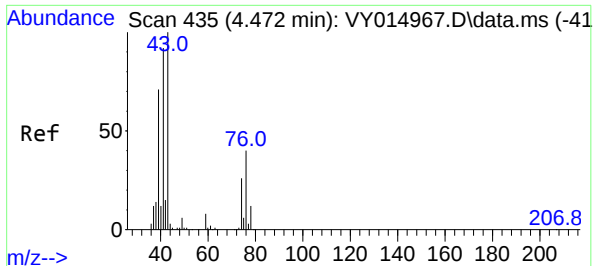
Tgt Ion: 56 Resp: 6812

Ion Ratio Lower Upper

56 100

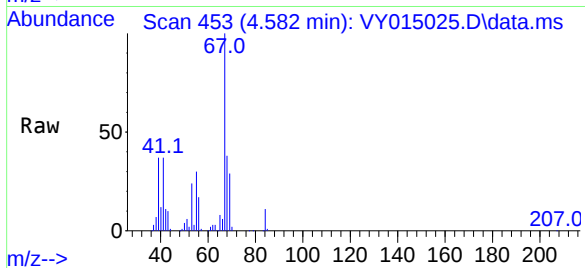
55 2103.6 57.0 85.4#



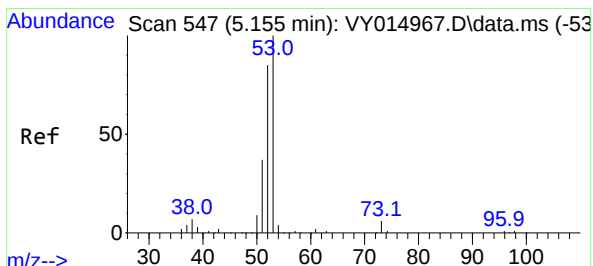
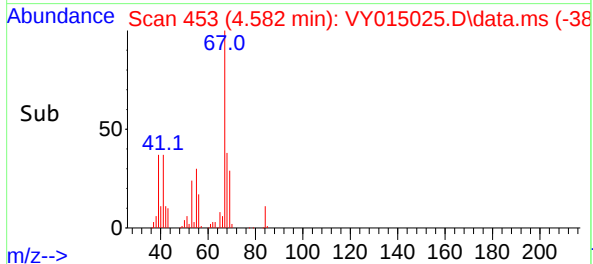
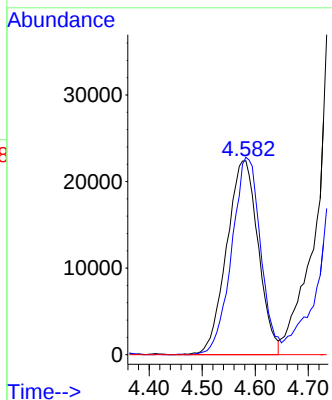


#14
 Allyl chloride
 Concen: 33.918 ug/l
 RT: 4.582 min Scan# 41
 Delta R.T. 0.110 min
 Lab File: VY015025.D
 Acq: 10 Aug 2023 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :

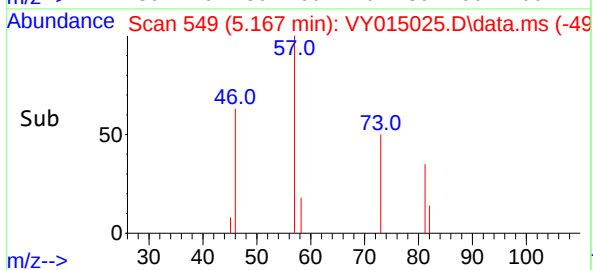
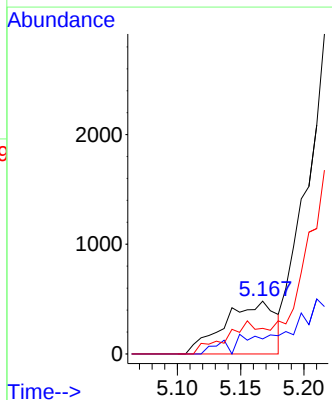
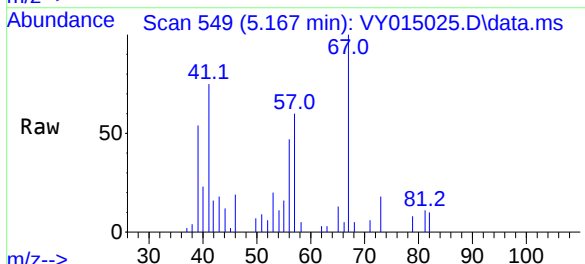


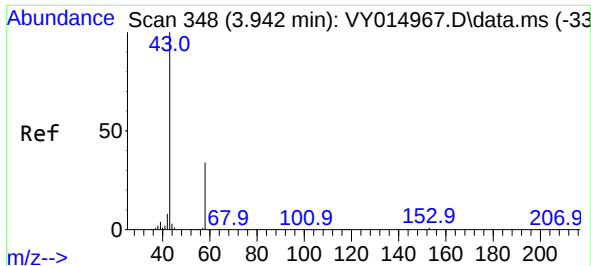
Tgt Ion: 41 Resp: 92870
 Ion Ratio Lower Upper
 41 100
 39 92.9 58.0 87.0#
 76 0.0 27.4 41.2#



#15
 Acrylonitrile
 Concen: 1.870 ug/l
 RT: 5.167 min Scan# 549
 Delta R.T. 0.012 min
 Lab File: VY015025.D
 Acq: 10 Aug 2023 14:18

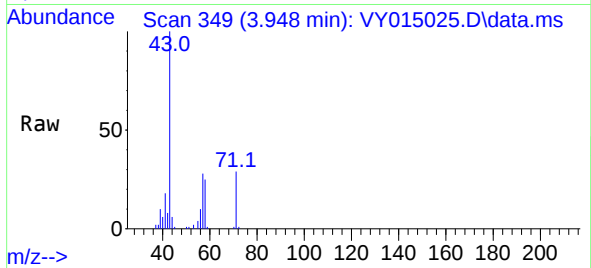
Tgt Ion: 53 Resp: 1344
 Ion Ratio Lower Upper
 53 100
 52 0.0 66.9 100.3#
 51 48.9 29.8 44.6#



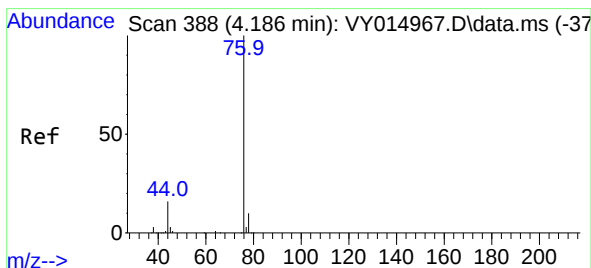
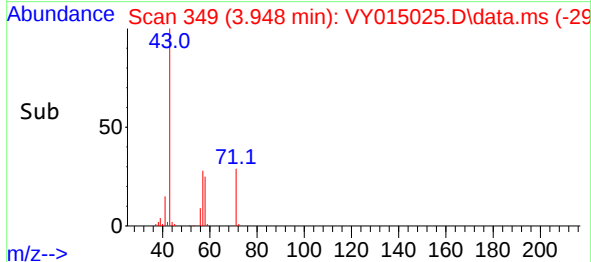
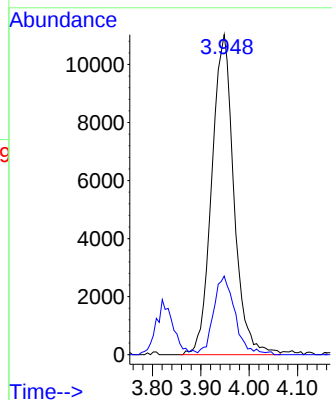


#16
Acetone
Concen: 44.655 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Instrument :
MSVOA_Y
ClientSampleId :

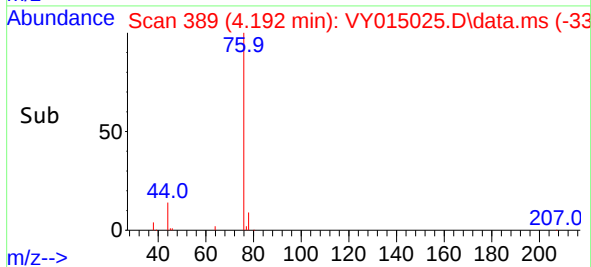
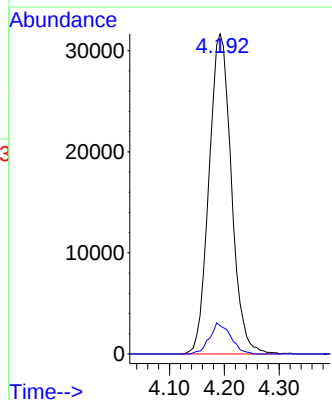
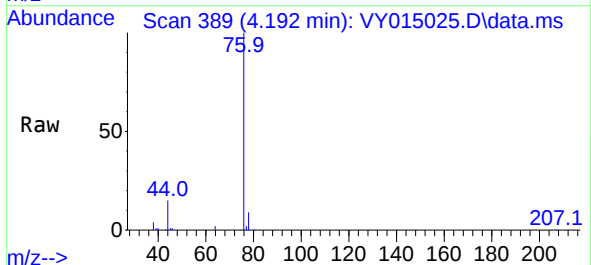


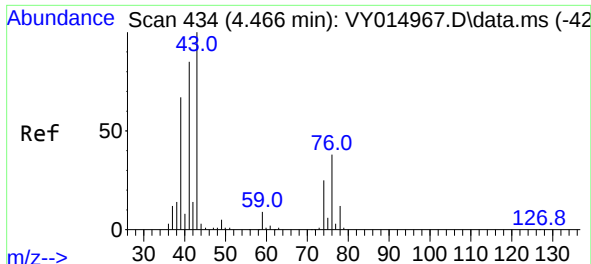
Tgt Ion: 43 Resp: 35109
Ion Ratio Lower Upper
43 100
58 24.5 22.7 34.1



#17
Carbon Disulfide
Concen: 24.663 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion: 76 Resp: 89660
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

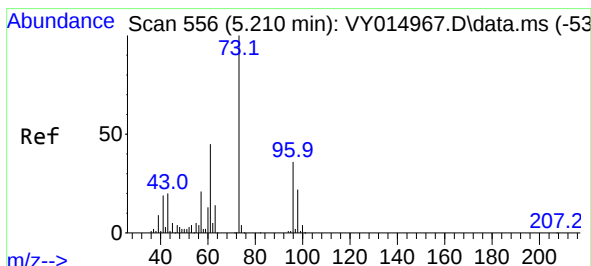
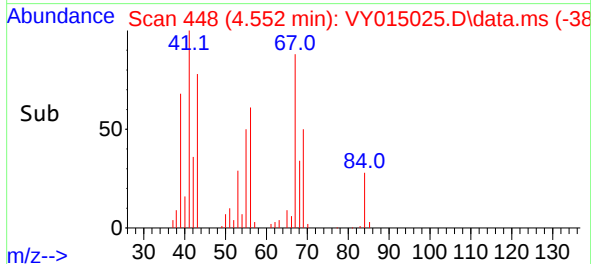
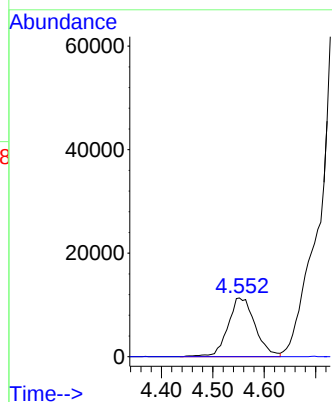
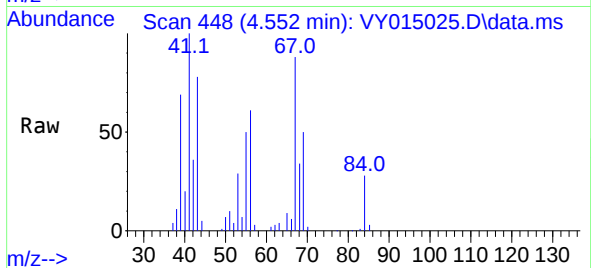




#18
Methyl Acetate
Concen: 14.560 ug/l
RT: 4.552 min Scan# 441
Delta R.T. 0.086 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

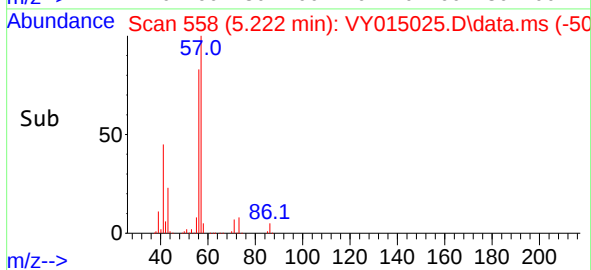
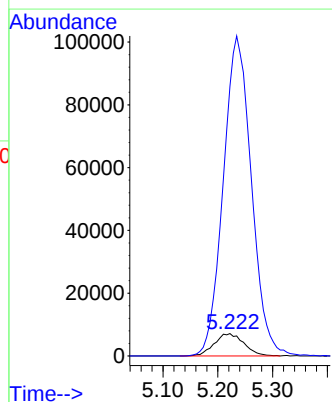
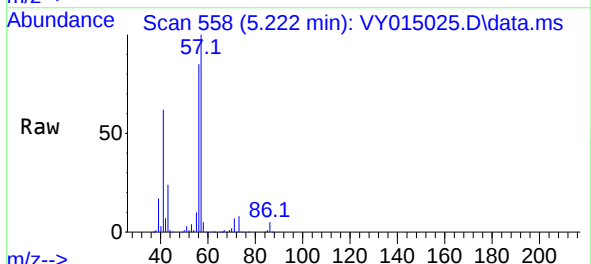
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MSVOA_Y
ClientSampleId :

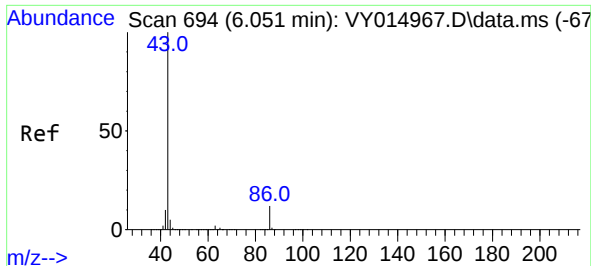
Tgt Ion: 43 Resp: 41687
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#



#19
Methyl tert-butyl Ether
Concen: 4.303 ug/l
RT: 5.222 min Scan# 558
Delta R.T. 0.012 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion: 73 Resp: 26767
Ion Ratio Lower Upper
73 100
57 1201.7 17.3 25.9#

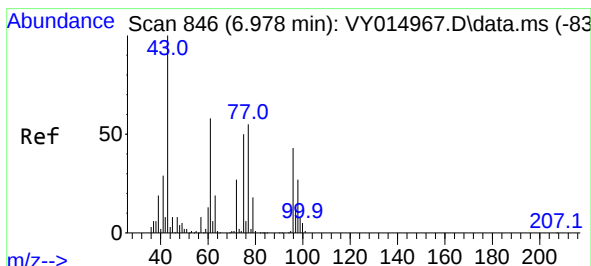
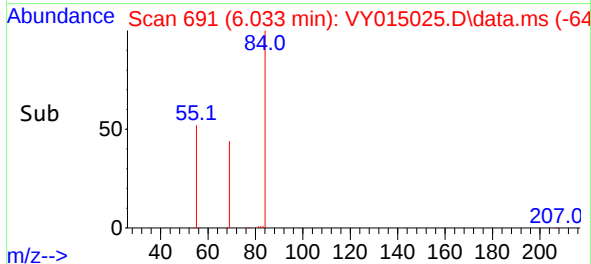
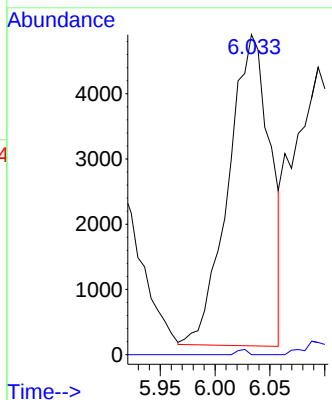
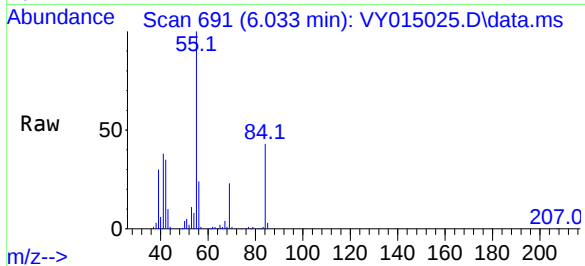




#23
Vinyl Acetate
Concen: 3.311 ug/l
RT: 6.033 min Scan# 64
Delta R.T. -0.018 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

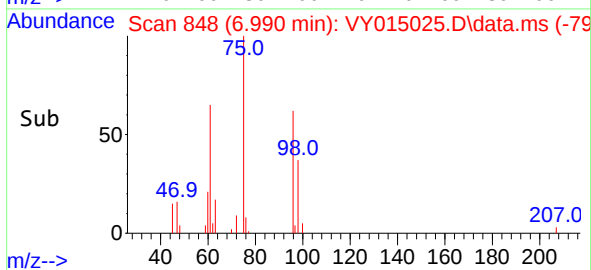
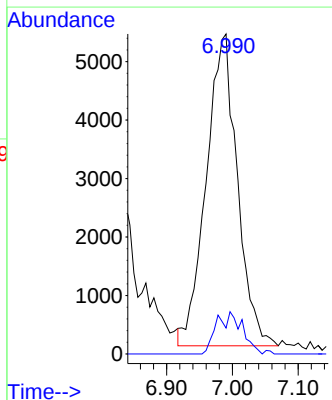
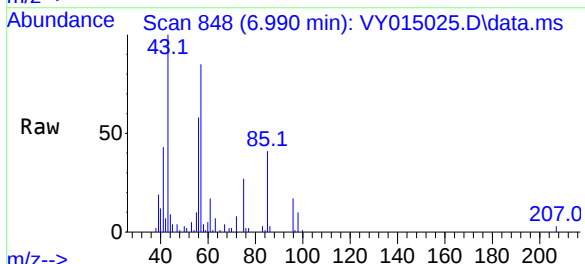
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ClientSampleId :

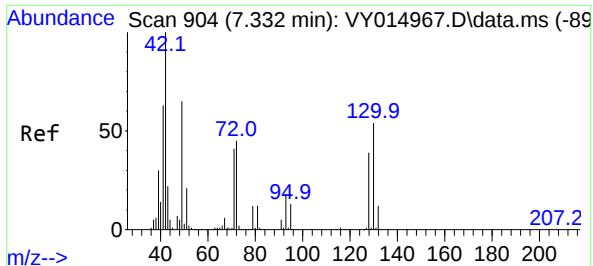
Tgt Ion: 43 Resp: 12694
Ion Ratio Lower Upper
43 100
86 0.0 7.5 11.3#



#25
2-Butanone
Concen: 15.588 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

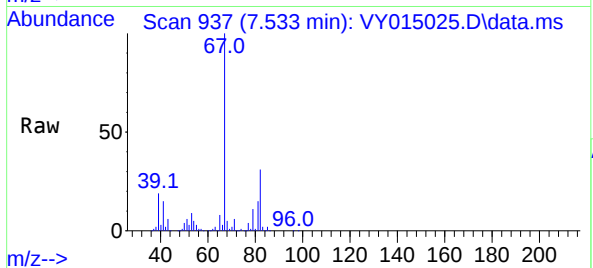
Tgt Ion: 43 Resp: 17554
Ion Ratio Lower Upper
43 100
72 8.3 20.5 30.7#



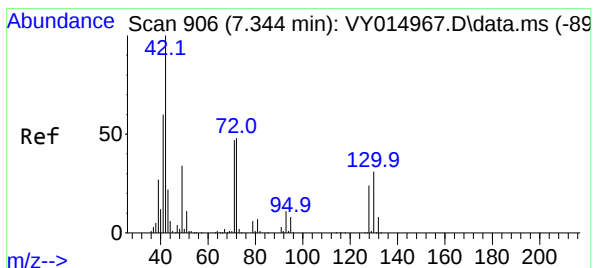
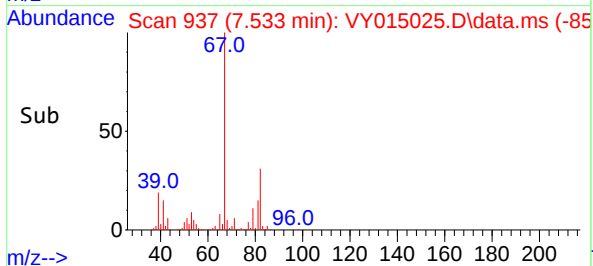
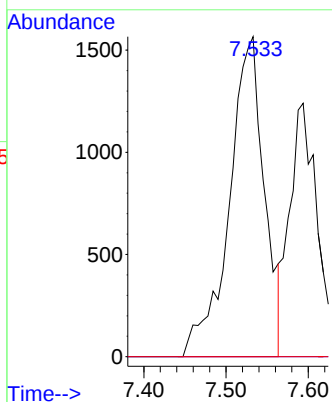


#28
Bromochloromethane
Concen: 2.847 ug/l
RT: 7.533 min Scan# 91
Delta R.T. 0.201 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Instrument :
MSVOA_Y
ClientSampleId :

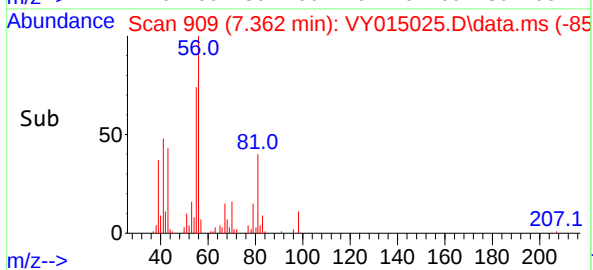
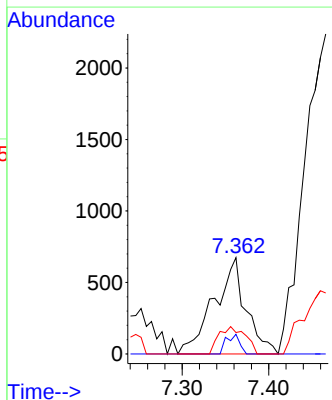
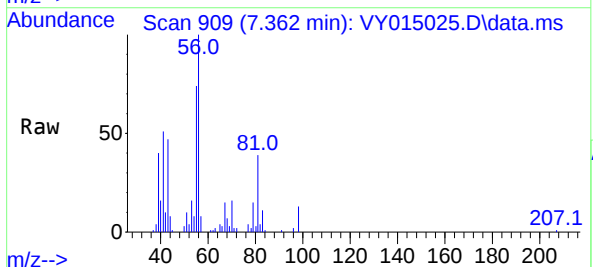


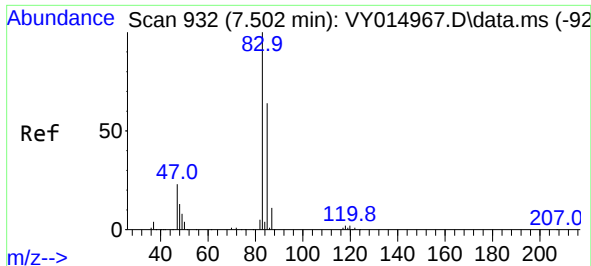
Tgt Ion: 49 Resp: 4643
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 60.7 91.1#



#29
Tetrahydrofuran
Concen: 2.623 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.018 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion: 42 Resp: 1732
Ion Ratio Lower Upper
42 100
72 8.5 32.8 49.2#
71 0.0 31.0 46.4#

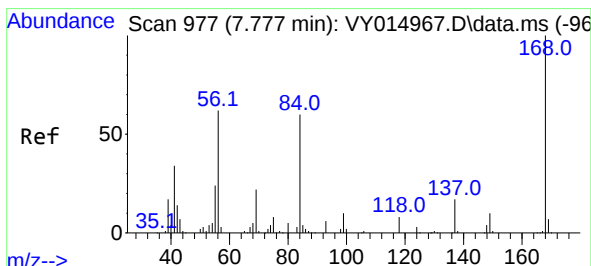
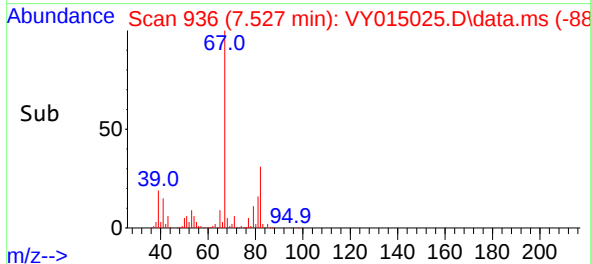
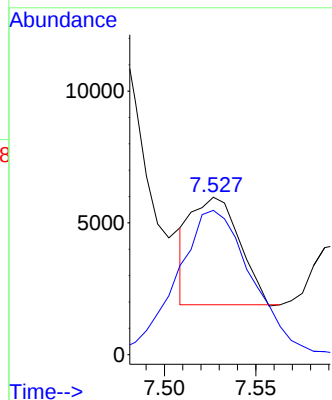
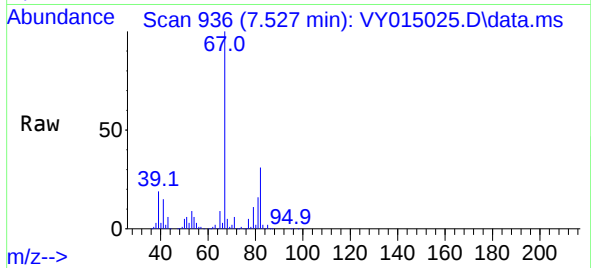




#30
Chloroform
Concen: 1.906 ug/l
RT: 7.527 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

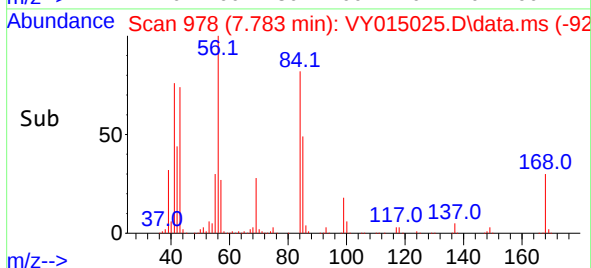
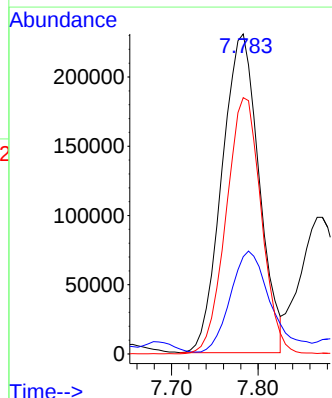
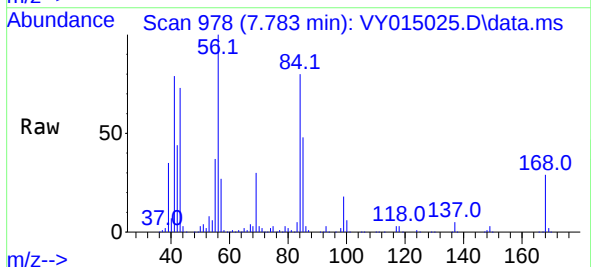
Instrument :
MSVOA_Y
ClientSampleId :

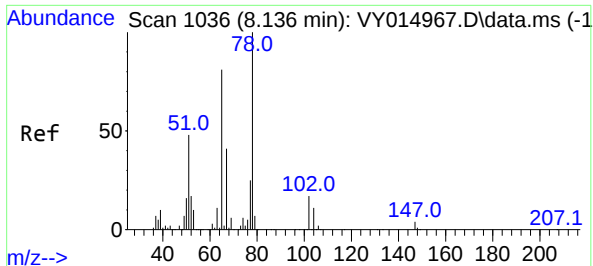
Tgt Ion: 83 Resp: 7491
Ion Ratio Lower Upper
83 100
85 108.0 49.7 74.5#



#31
Cyclohexane
Concen: 278.813 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

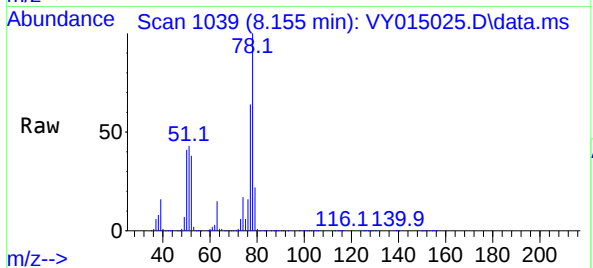
Tgt Ion: 56 Resp: 685281
Ion Ratio Lower Upper
56 100
69 29.0 27.8 41.6
84 80.3 66.4 99.6



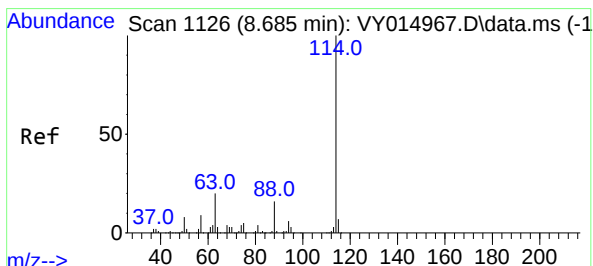
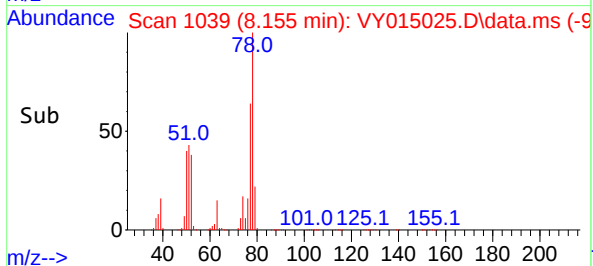
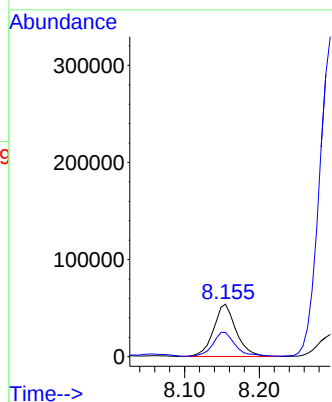


#33
 1,2-Dichloroethane-d4
 Concen: 44.367 ug/l
 RT: 8.155 min Scan# 111862
 Delta R.T. 0.018 min
 Lab File: VY015025.D
 Acq: 10 Aug 2023 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :

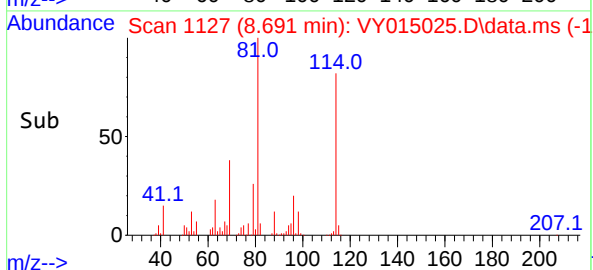
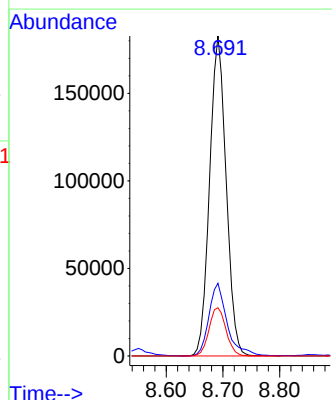
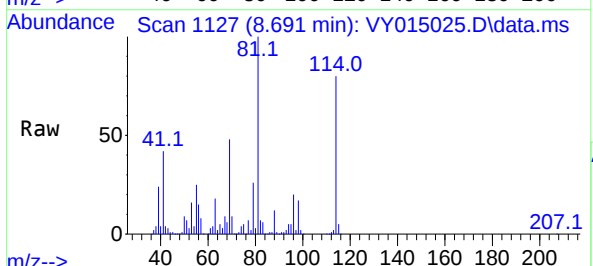


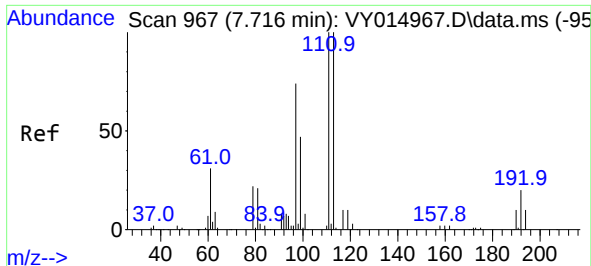
Tgt Ion: 65 Resp: 111862
 Ion Ratio Lower Upper
 65 100
 67 45.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015025.D
 Acq: 10 Aug 2023 14:18

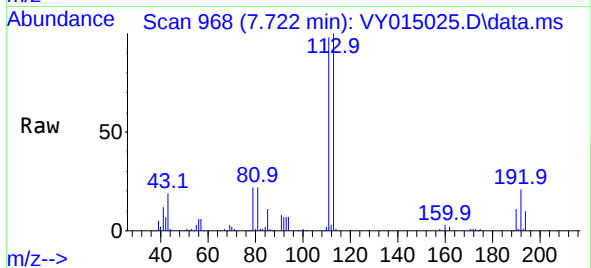
Tgt Ion:114 Resp: 370398
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 42.4
 88 15.1 0.0 30.6



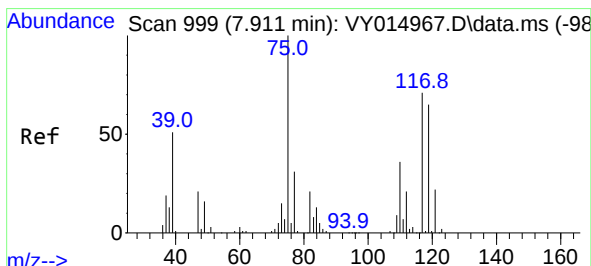
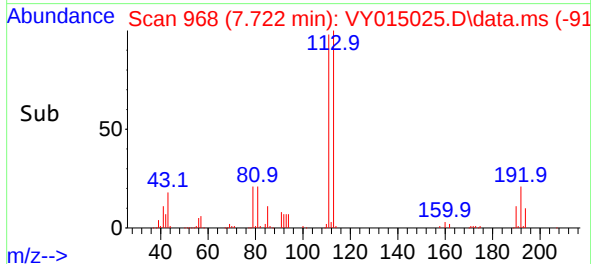
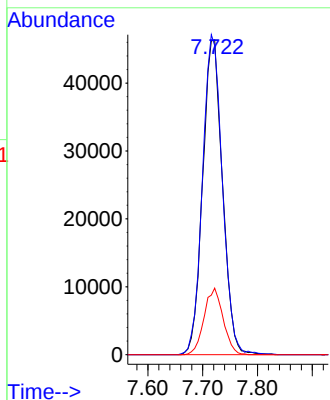


#35
Dibromofluoromethane
Concen: 49.109 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Instrument :
MSVOA_Y
ClientSampleId :

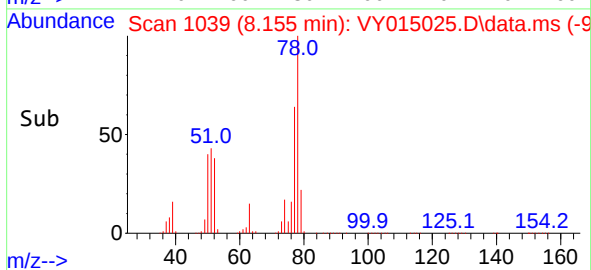
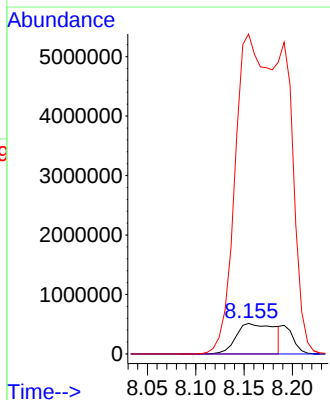
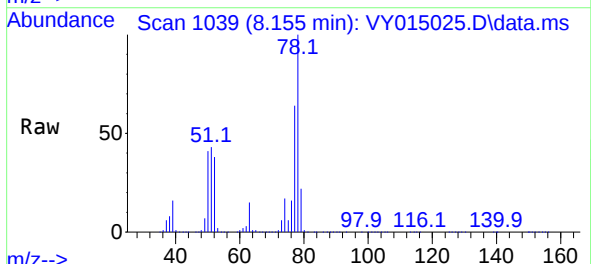


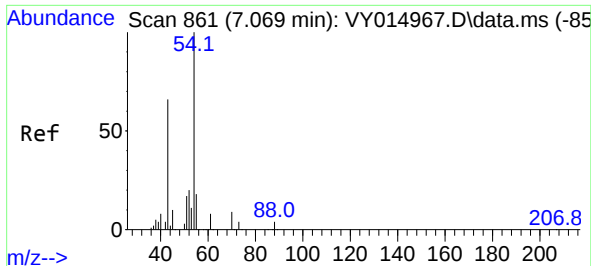
Tgt Ion:113 Resp: 116321
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 20.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 484.930 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.244 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

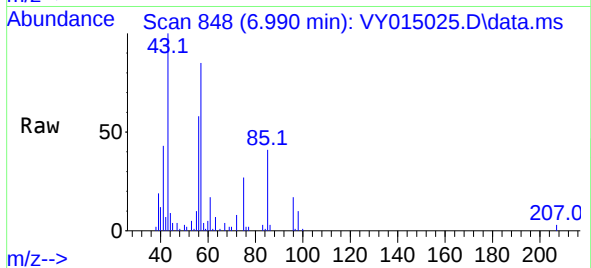
Tgt Ion: 75 Resp: 1426027
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.5#
77 941.1 24.4 36.6#



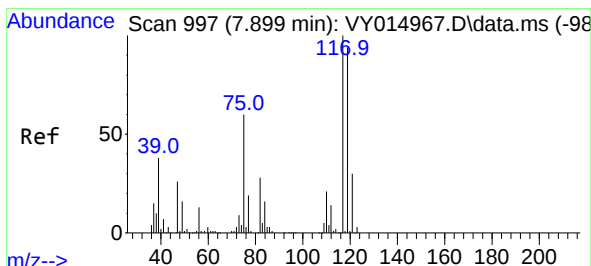
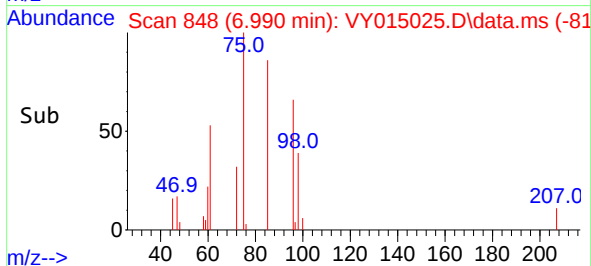
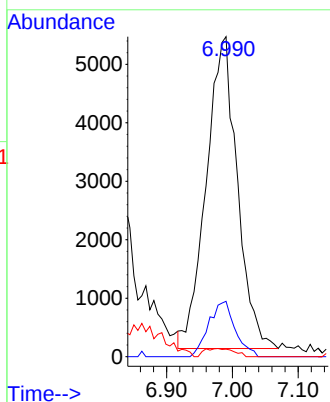


#37
Ethyl Acetate
Concen: 7.520 ug/l
RT: 6.990 min Scan# 84
Delta R.T. -0.079 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Instrument :
MSVOA_Y
ClientSampleId :

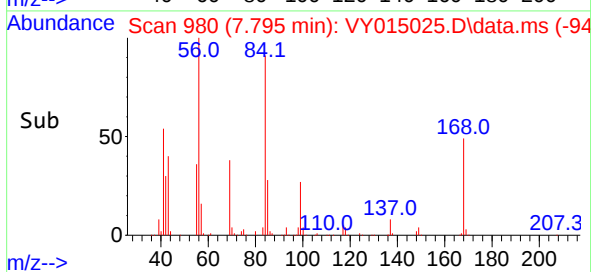
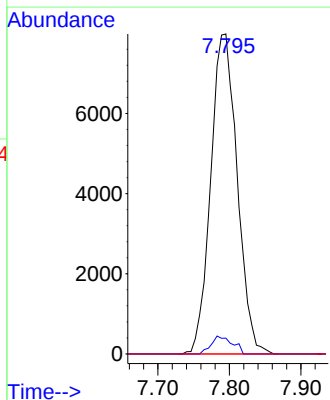
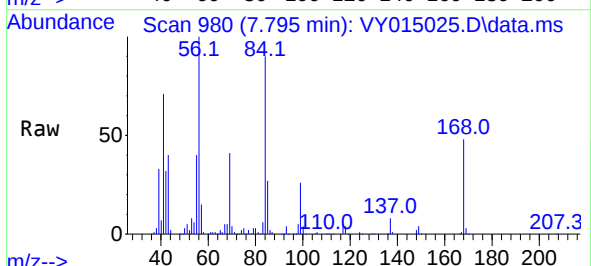


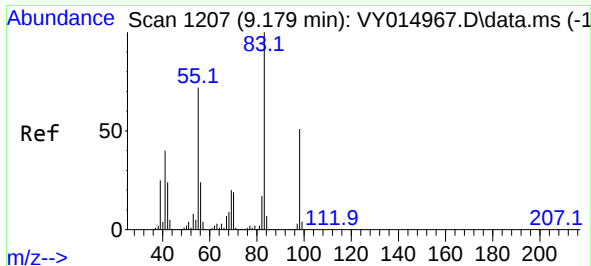
Tgt Ion: 43 Resp: 17554
Ion Ratio Lower Upper
43 100
61 15.1 10.1 15.1
70 2.5 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 6.214 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion: 117 Resp: 20543
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#





#39

Methylcyclohexane

Concen: 665.292 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015025.D

Acq: 10 Aug 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

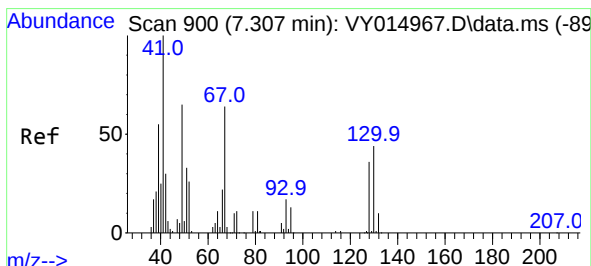
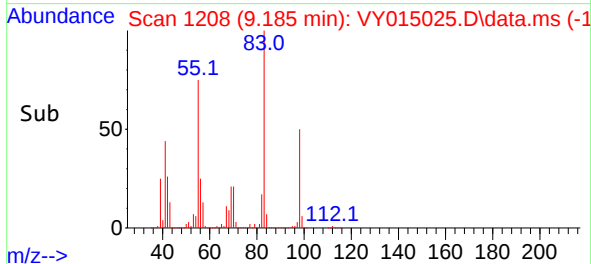
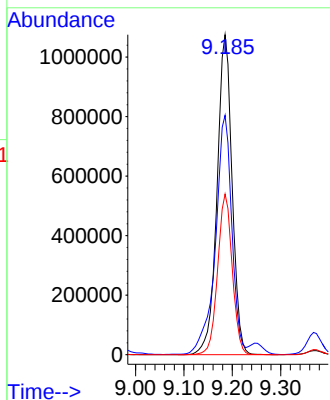
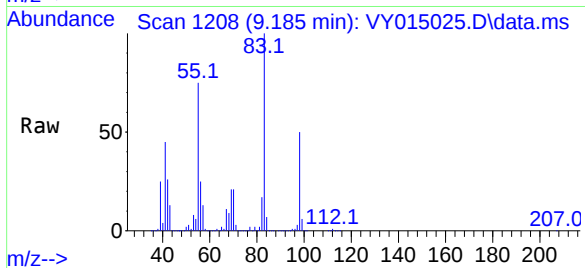
Tgt Ion: 83 Resp: 2326584

Ion Ratio Lower Upper

83 100

55 74.7 63.0 94.4

98 50.2 37.4 56.2



#41

Methacrylonitrile

Concen: 9.437 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.043 min

Lab File: VY015025.D

Acq: 10 Aug 2023 14:18

Tgt Ion: 41 Resp: 10705

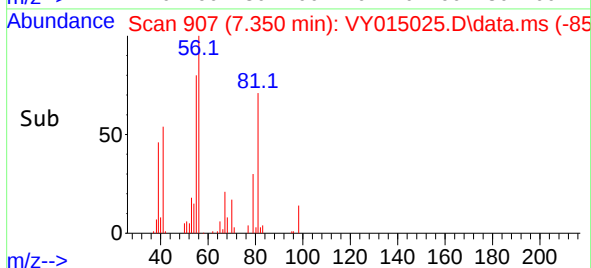
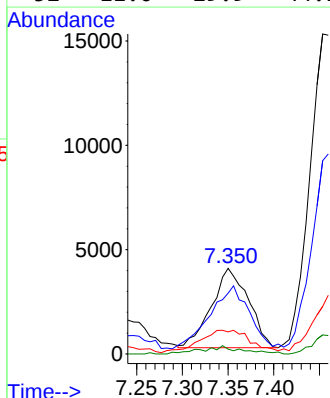
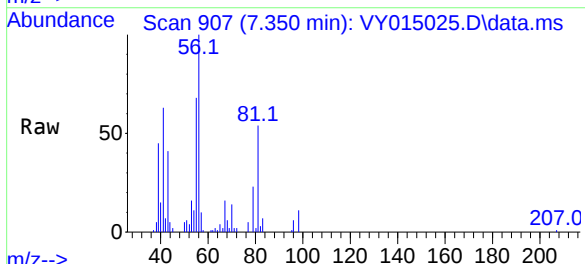
Ion Ratio Lower Upper

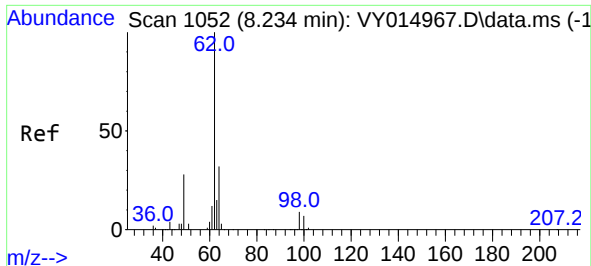
41 100

39 85.3 52.1 78.1#

67 0.0 66.2 99.2#

52 11.0 29.9 44.9#





#42

1,2-Dichloroethane

Concen: 306.762 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.073 min

Lab File: VY015025.D

Acq: 10 Aug 2023 14:18

Instrument :

MSVOA_Y

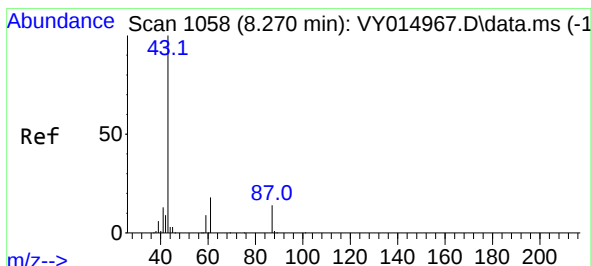
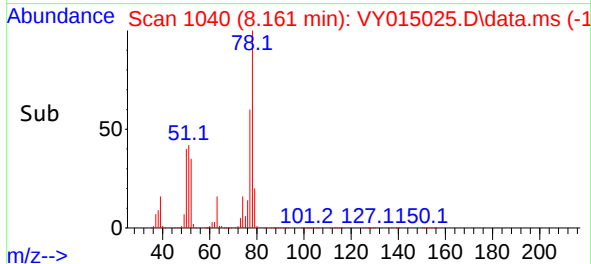
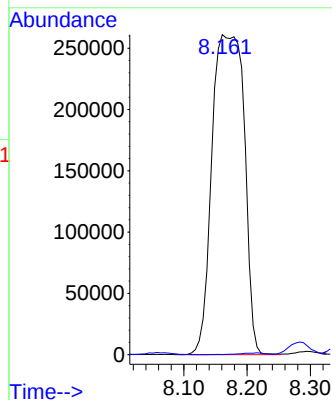
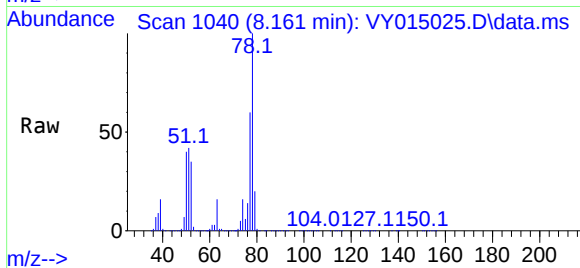
ClientSampleId :

Tgt Ion: 62 Resp: 924631

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



#43

Isopropyl Acetate

Concen: 25.427 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY015025.D

Acq: 10 Aug 2023 14:18

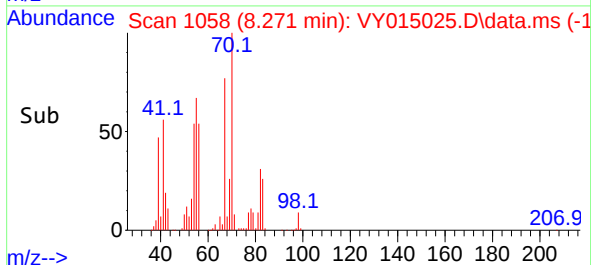
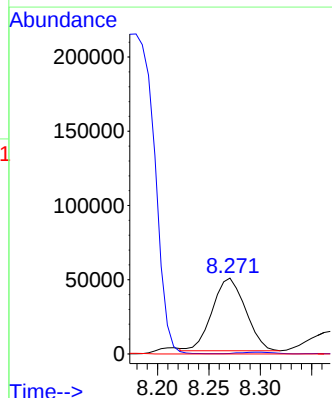
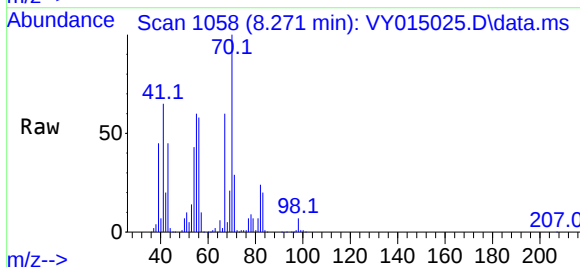
Tgt Ion: 43 Resp: 110271

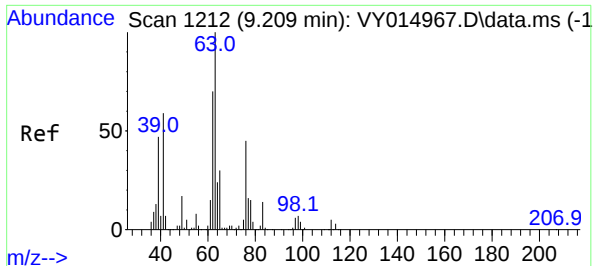
Ion Ratio Lower Upper

43 100

61 0.0 21.1 31.7#

87 0.0 9.8 14.8#

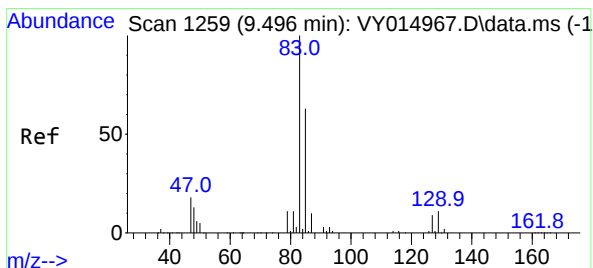
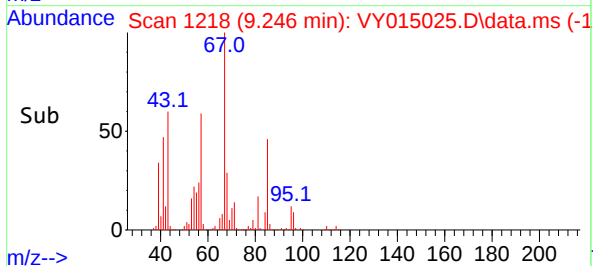
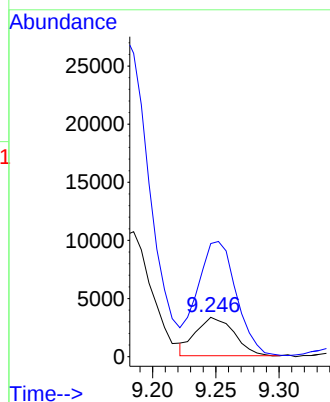
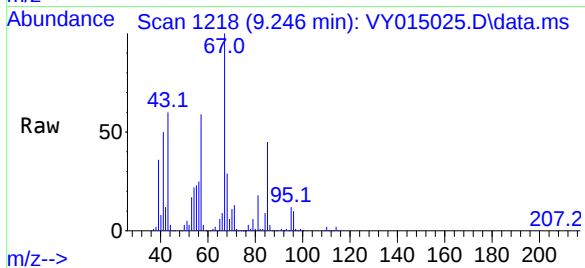




#45
1,2-Dichloropropane
Concen: 3.009 ug/l
RT: 9.246 min Scan# 11
Delta R.T. 0.037 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

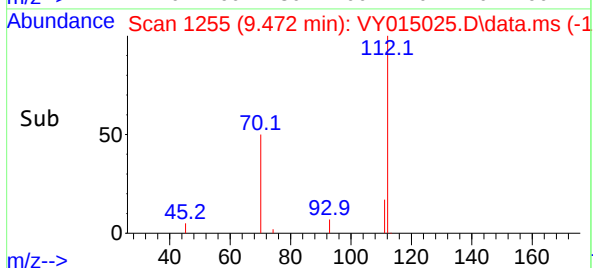
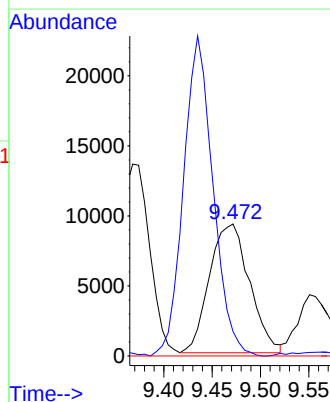
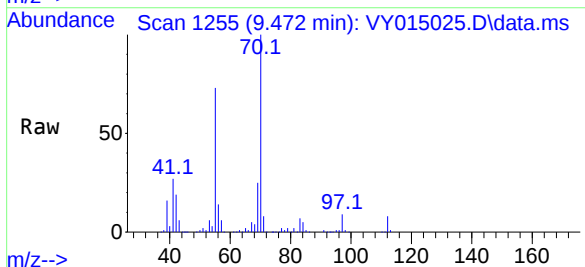
Instrument :
MSVOA_Y
ClientSampleId :

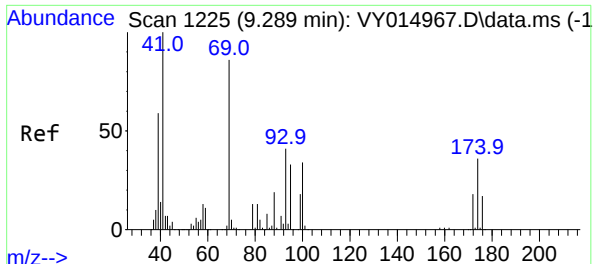
Tgt Ion: 63 Resp: 6925
Ion Ratio Lower Upper
63 100
65 290.8 23.8 35.6#



#47
Bromodichloromethane
Concen: 7.767 ug/l
RT: 9.472 min Scan# 1255
Delta R.T. -0.024 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion: 83 Resp: 26517
Ion Ratio Lower Upper
83 100
85 16.9 50.1 75.1#
127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 88.578 ug/l

RT: 9.246 min Scan# 1

Delta R.T. -0.043 min

Lab File: VY015025.D

Acq: 10 Aug 2023 14:18

Instrument :

MSVOA_Y

ClientSampleId :

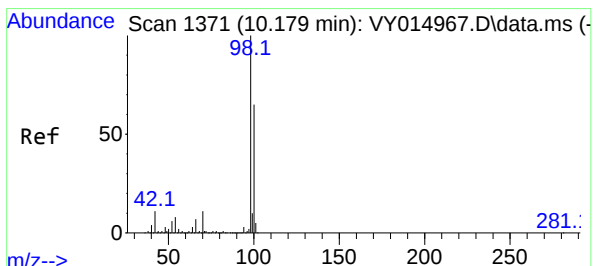
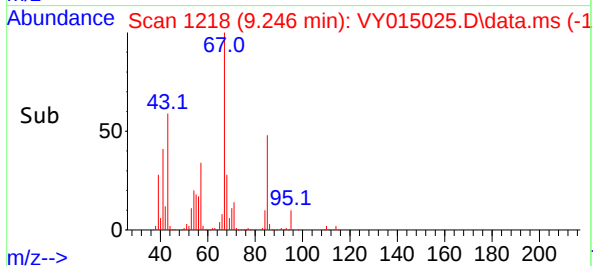
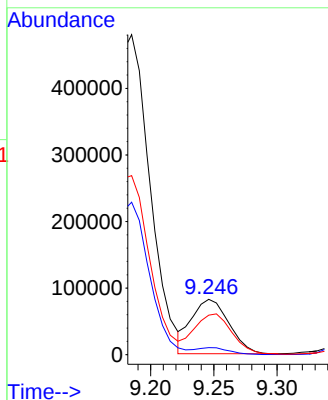
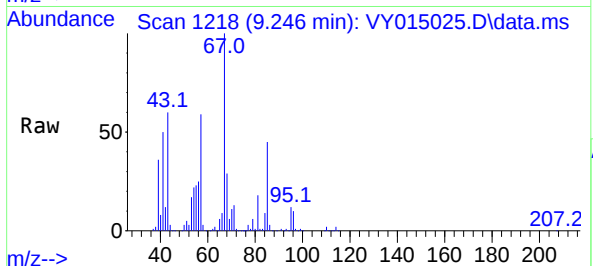
Tgt Ion: 41 Resp: 168544

Ion Ratio Lower Upper

41 100

69 0.0 64.5 96.7#

39 74.8 50.8 76.2



#50

Toluene-d8

Concen: 62.874 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015025.D

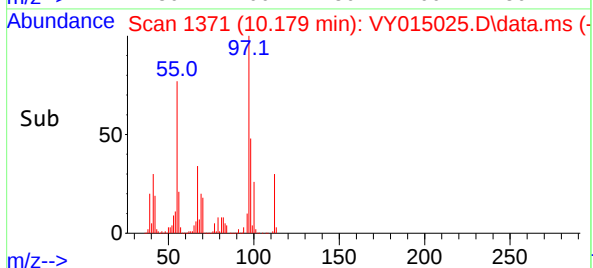
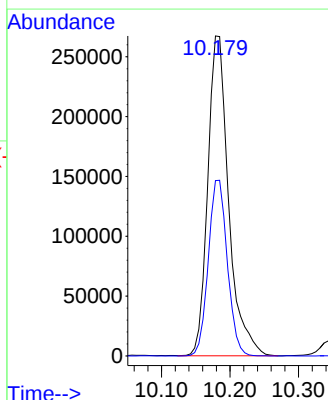
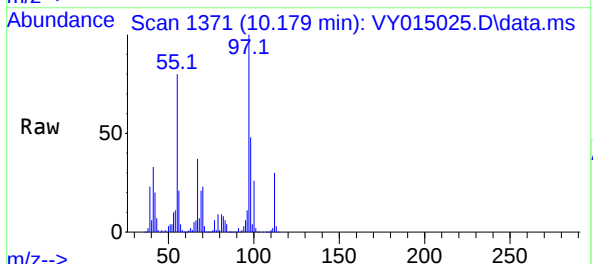
Acq: 10 Aug 2023 14:18

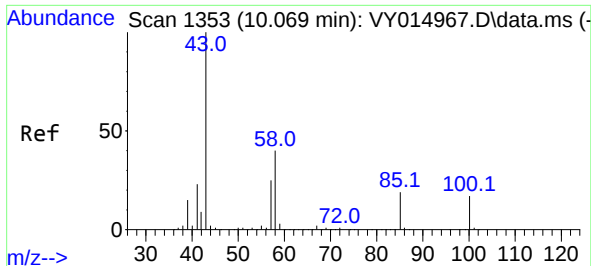
Tgt Ion: 98 Resp: 566839

Ion Ratio Lower Upper

98 100

100 50.1 50.1 75.1#

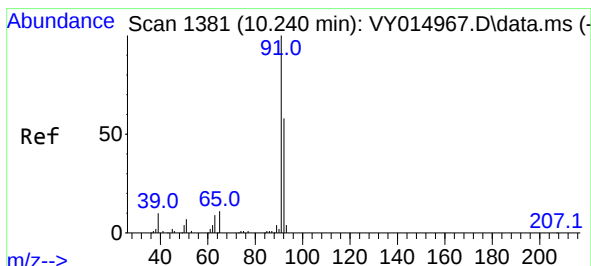
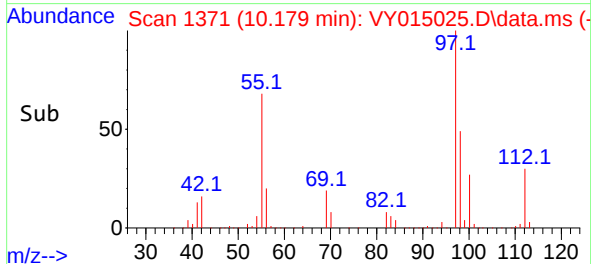
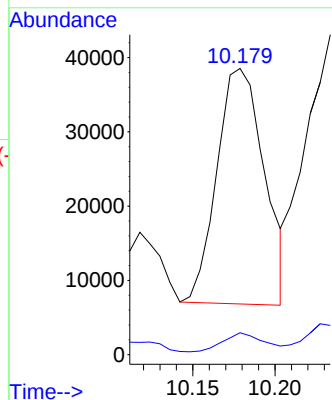
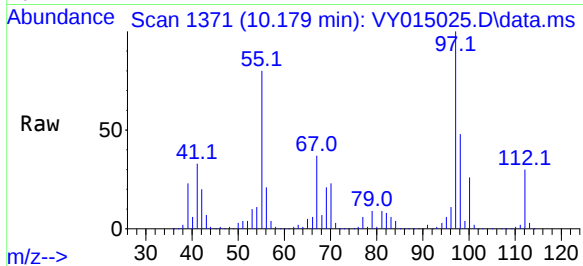




#51
4-Methyl-2-Pentanone
Concen: 26.056 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

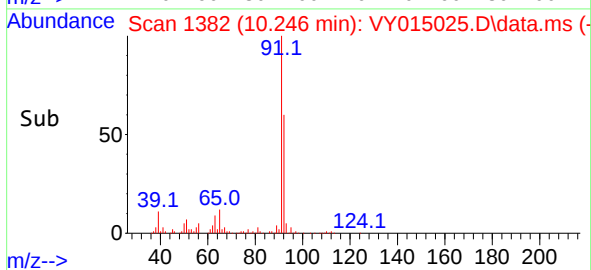
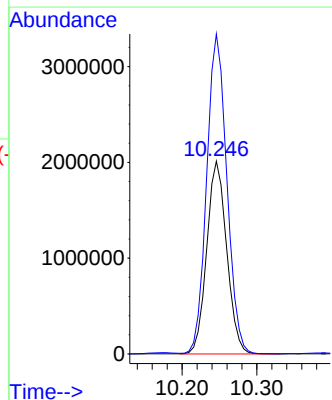
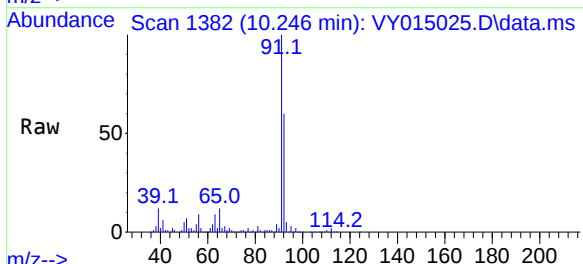
Instrument :
MSVOA_Y
ClientSampleId :

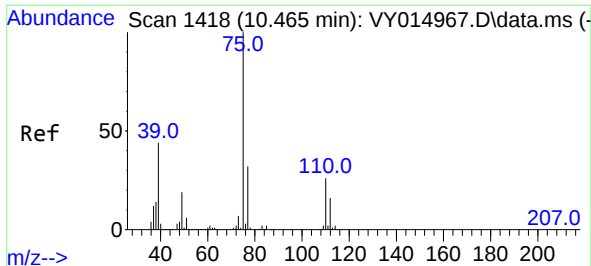
Tgt Ion: 43 Resp: 63679
Ion Ratio Lower Upper
43 100
58 7.4 29.0 43.6#



#52
Toluene
Concen: 666.873 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion: 92 Resp: 3716022
Ion Ratio Lower Upper
92 100
91 168.0 143.8 215.6

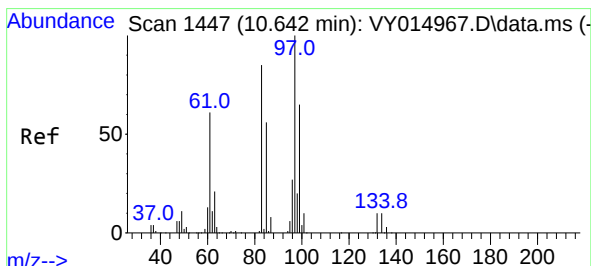
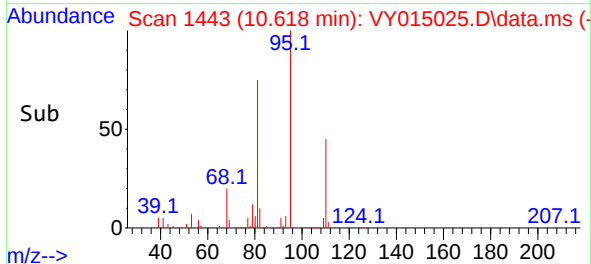
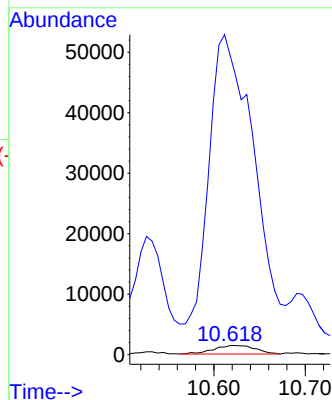
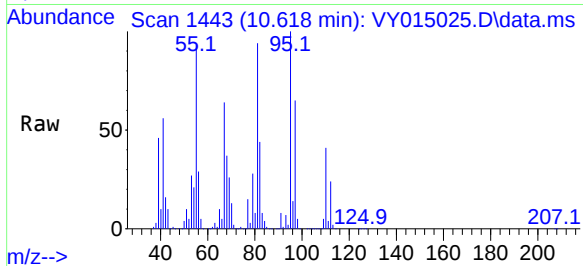




#53
t-1,3-Dichloropropene
Concen: 1.288 ug/l
RT: 10.618 min Scan# 1418
Delta R.T. 0.152 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

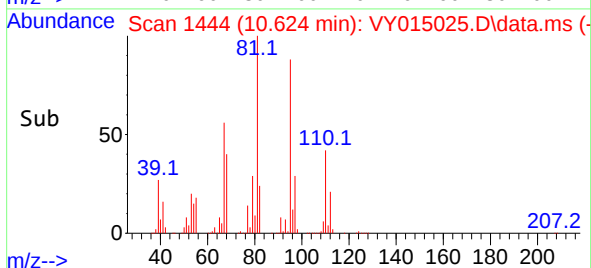
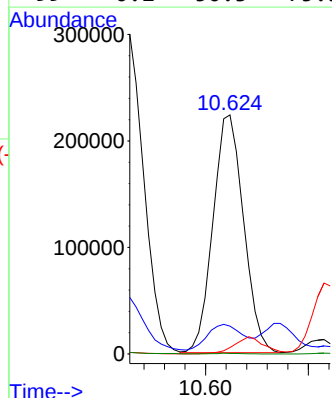
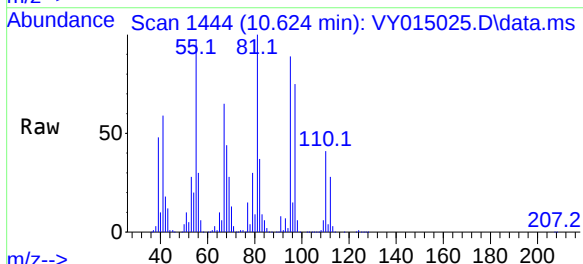
Instrument :
MSVOA_Y
ClientSampleId :

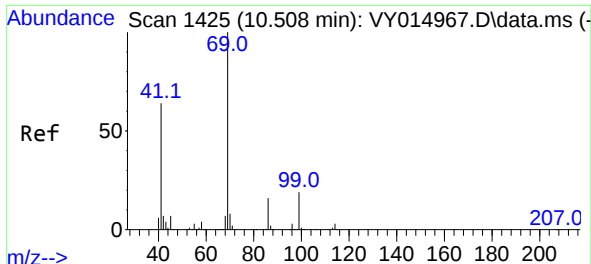
Tgt Ion: 75 Resp: 4579
Ion Ratio Lower Upper
75 100
77 3135.5 25.0 37.4#



#55
1,1,2-Trichloroethane
Concen: 213.996 ug/l
RT: 10.624 min Scan# 1444
Delta R.T. -0.018 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion: 97 Resp: 461093
Ion Ratio Lower Upper
97 100
83 9.9 72.0 108.0#
85 2.7 45.4 68.0#
99 0.2 50.3 75.5#

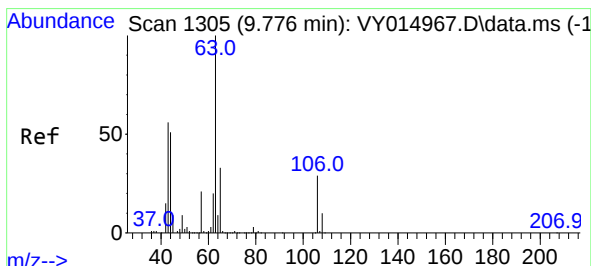
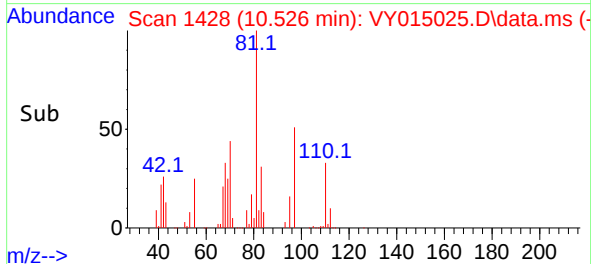
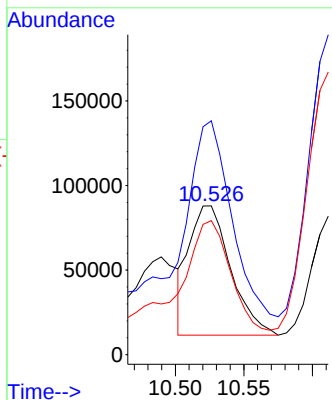
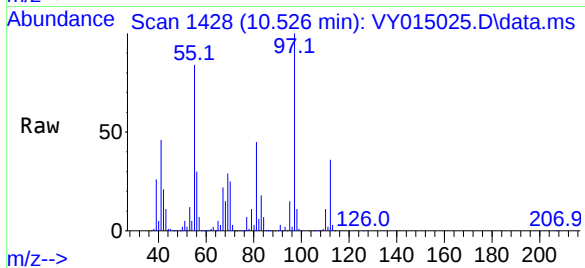




#56
Ethyl methacrylate
Concen: 52.127 ug/l
RT: 10.526 min Scan# 1425
Delta R.T. 0.018 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

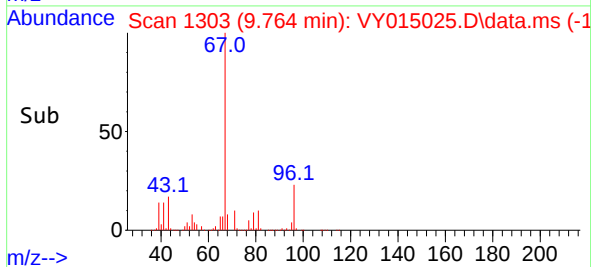
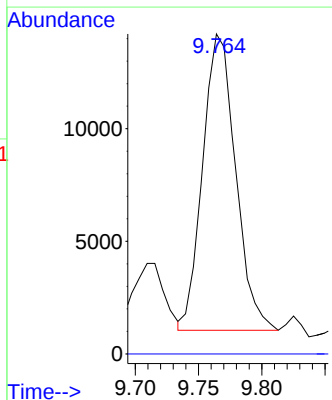
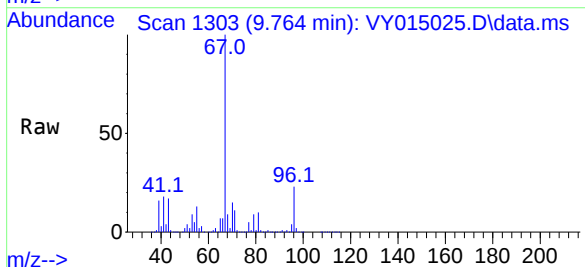
Instrument :
MSVOA_Y
ClientSampleId :

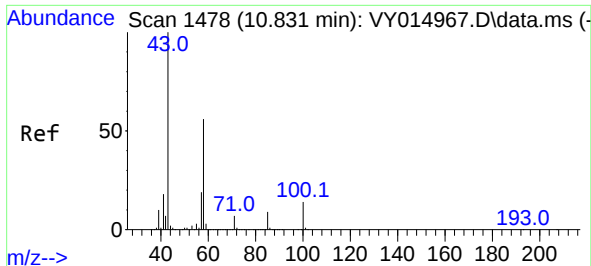
Tgt Ion: 69 Resp: 160826
Ion Ratio Lower Upper
69 100
41 172.0 57.6 86.4#
39 101.2 34.1 51.1#



#58
2-Chloroethyl Vinyl ether
Concen: 16.314 ug/l
RT: 9.764 min Scan# 1303
Delta R.T. -0.012 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion: 63 Resp: 23799
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#

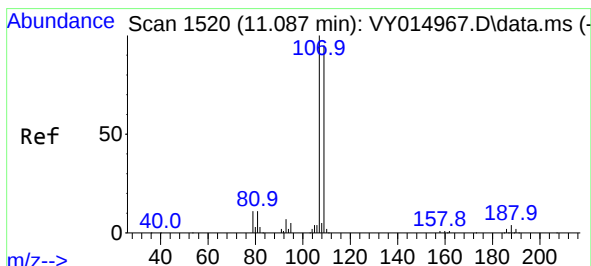
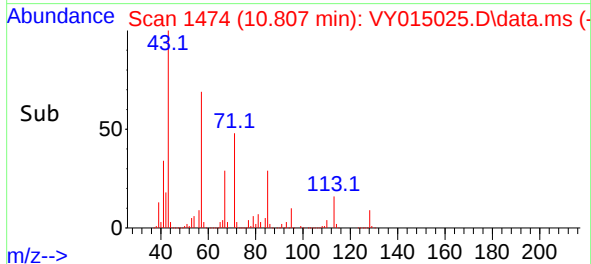
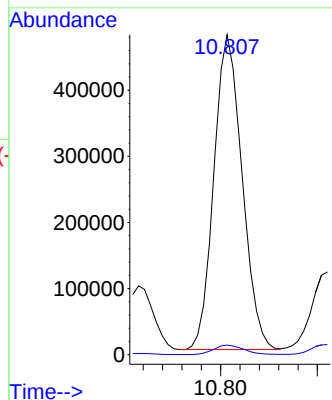
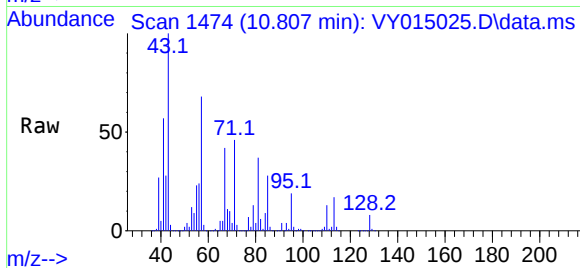




#59
2-Hexanone
Concen: 533.815 ug/l
RT: 10.807 min Scan# 1478
Delta R.T. -0.024 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

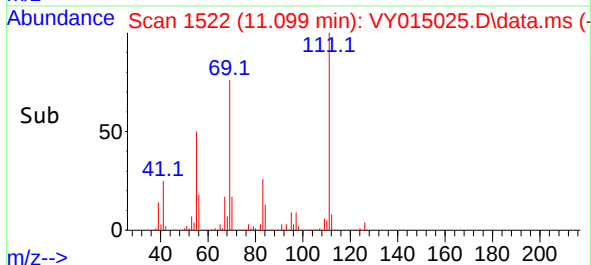
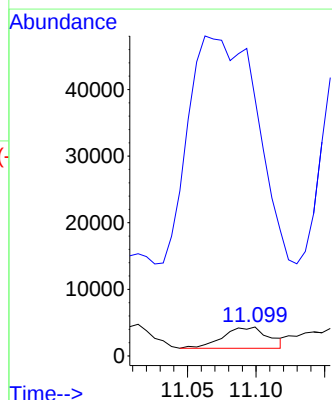
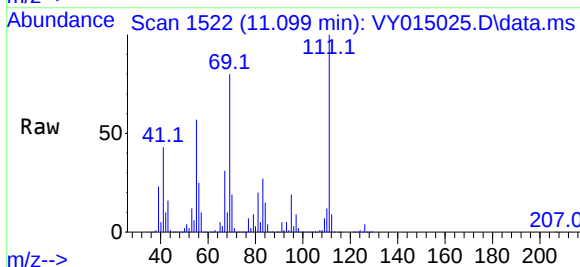
Instrument :
MSVOA_Y
ClientSampleId :

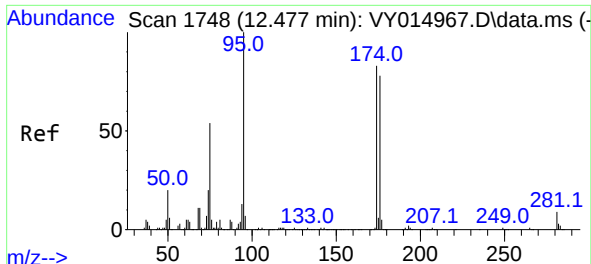
Tgt Ion: 43 Resp: 963732
Ion Ratio Lower Upper
43 100
58 3.2 25.1 75.3#



#61
1,2-Dibromoethane
Concen: 3.606 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.012 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion:107 Resp: 7417
Ion Ratio Lower Upper
107 100
109 0.0 75.6 113.4#

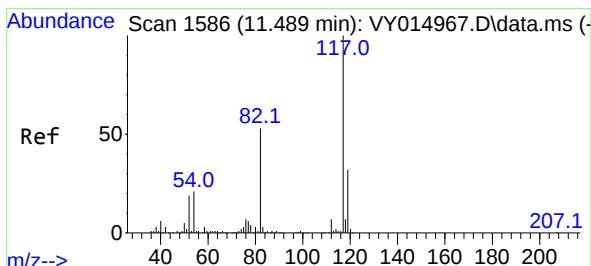
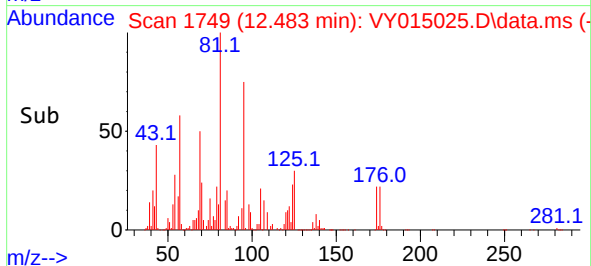
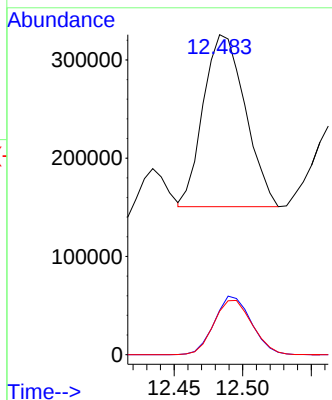
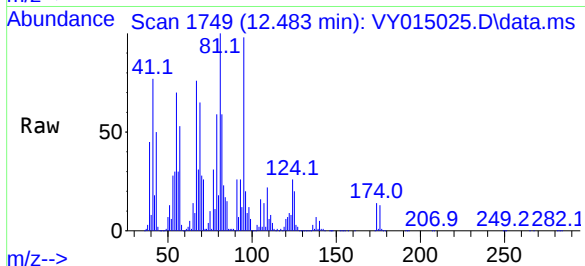




#62
4-Bromofluorobenzene
Concen: 116.598 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

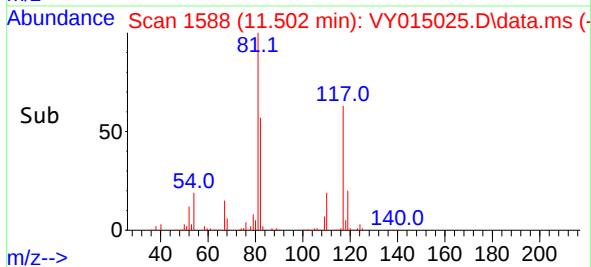
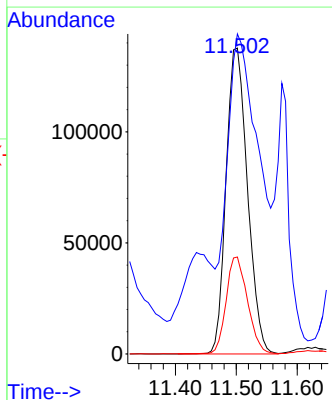
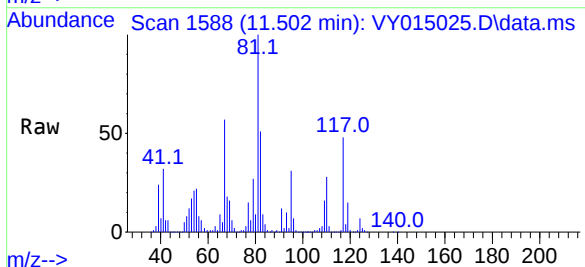
Instrument :
MSVOA_Y
ClientSampleId :

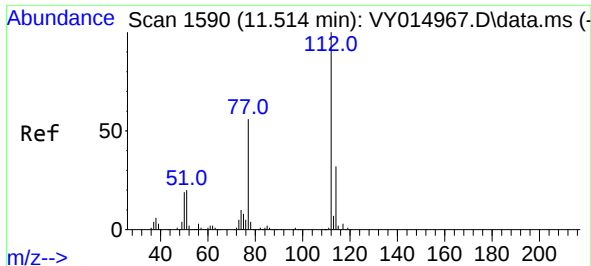
Tgt Ion: 95 Resp: 372562
Ion Ratio Lower Upper
95 100
174 30.1 0.0 178.2
176 29.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.012 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion: 117 Resp: 337146
Ion Ratio Lower Upper
117 100
82 88.3 43.4 65.0#
119 31.6 26.3 39.5

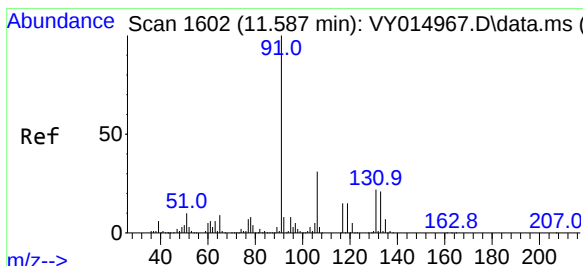
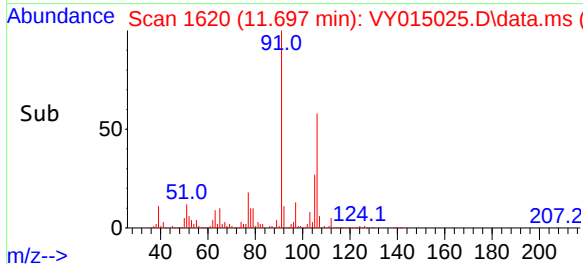
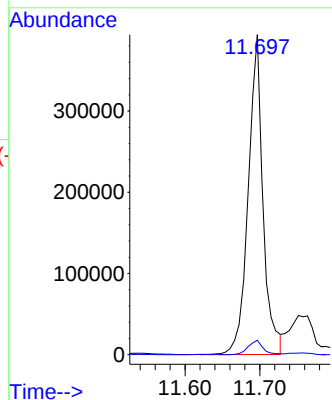
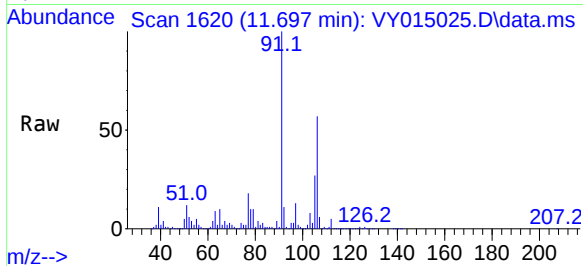




#65
Chlorobenzene
Concen: 84.453 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.183 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

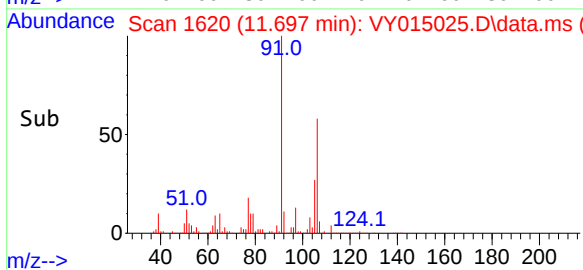
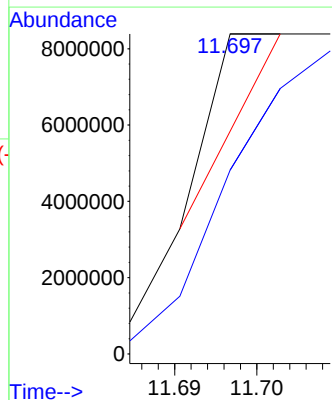
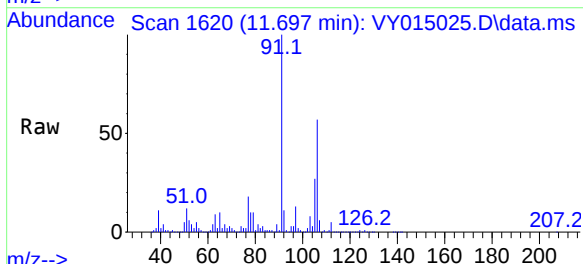
Instrument :
MSVOA_Y
ClientSampleId :

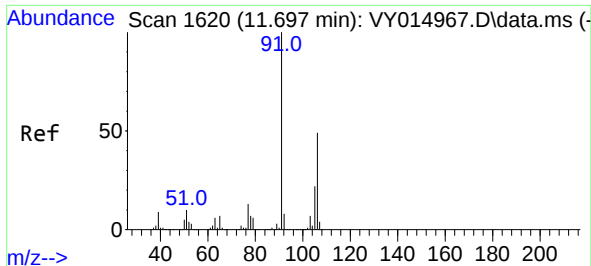
Tgt Ion:112 Resp: 540279
Ion Ratio Lower Upper
112 100
114 4.5 25.5 38.3#



#67
Ethyl Benzene
Concen: 264.059 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.110 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion: 91 Resp: 2964659
Ion Ratio Lower Upper
91 100
106 64.7 24.6 36.8#

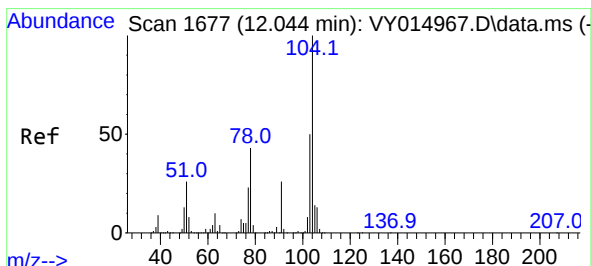
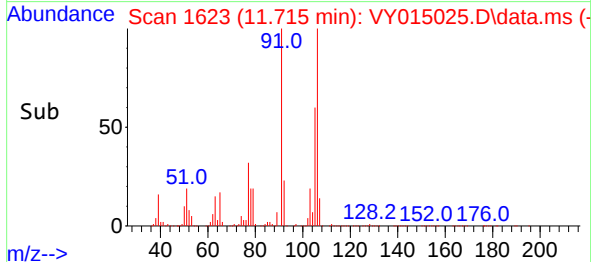
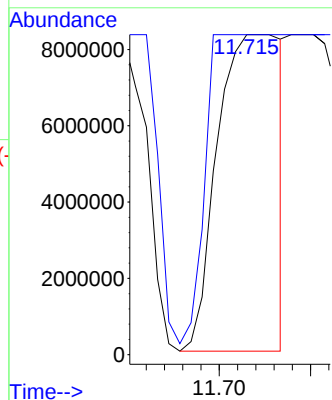
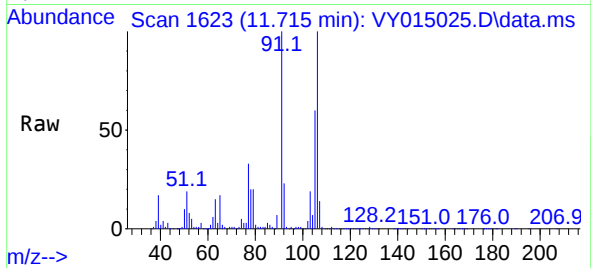




#68
m/p-Xylenes
Concen: 4613.608 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.018 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

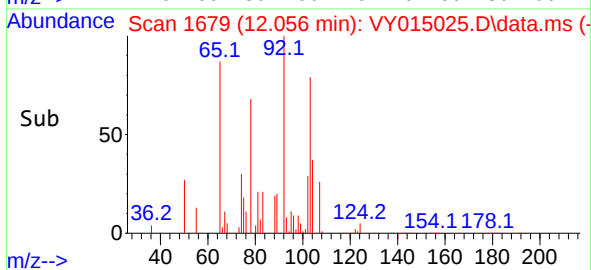
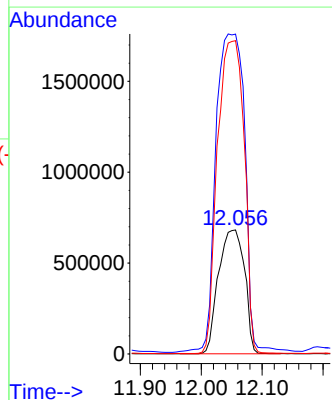
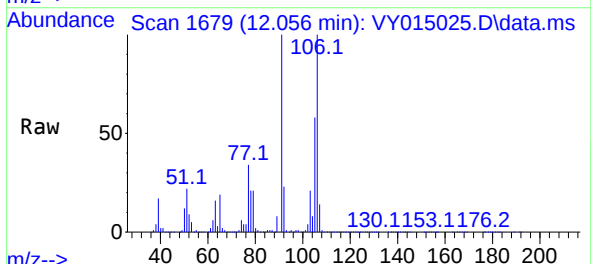
Instrument :
MSVOA_Y
ClientSampleId :

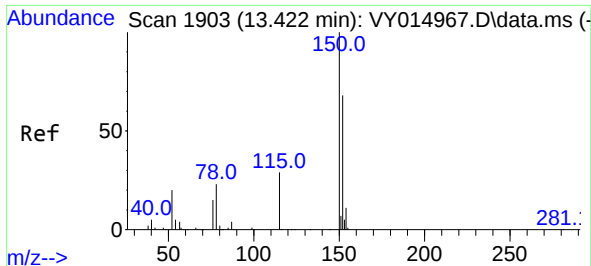
Tgt Ion:106 Resp:19815274
Ion Ratio Lower Upper
106 100
91 15.0 166.1 249.1#



#70
Styrene
Concen: 281.972 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.012 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion:104 Resp: 2025197
Ion Ratio Lower Upper
104 100
78 282.9 41.5 62.3#
103 258.3 44.6 67.0#

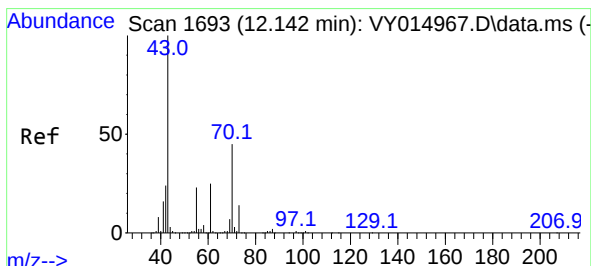
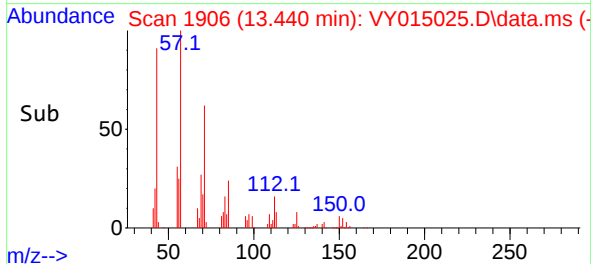
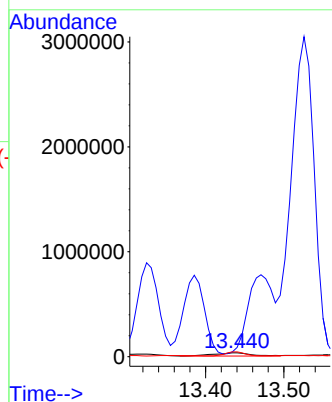
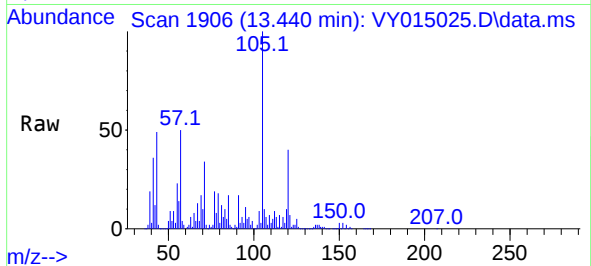




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.018 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

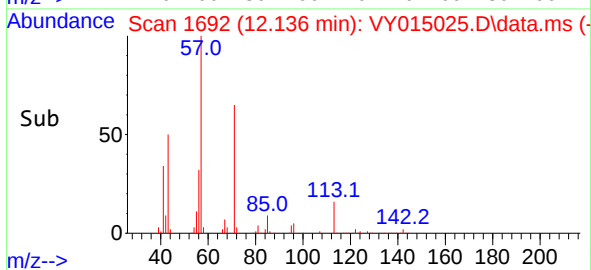
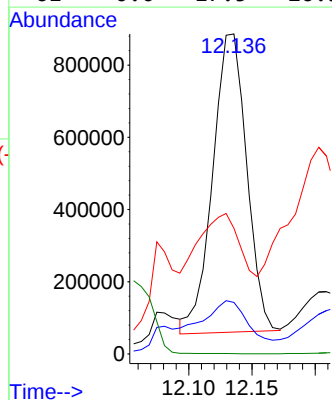
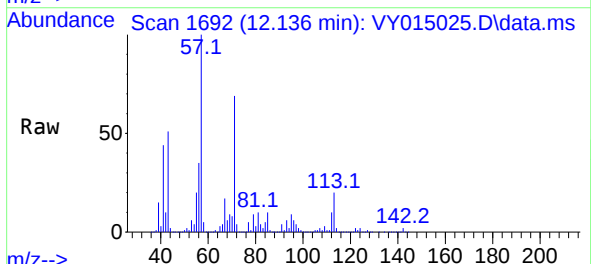
Instrument :
MSVOA_Y
ClientSampleId :

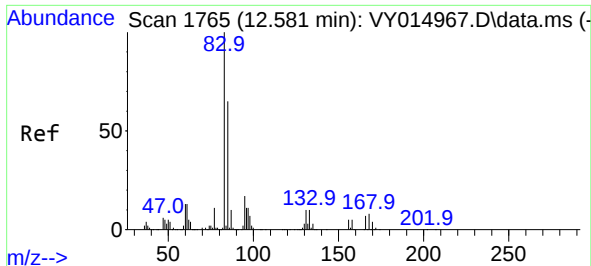
Tgt Ion:152 Resp: 101000
Ion Ratio Lower Upper
152 100
115 0.0 28.8 86.5#
150 66.2 0.0 348.8



#74
N-ethyl acetate
Concen: 665.807 ug/l
RT: 12.136 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion: 43 Resp: 1544455
Ion Ratio Lower Upper
43 100
70 18.9 29.7 44.5#
55 22.8 18.3 27.5
61 0.0 17.5 26.3#

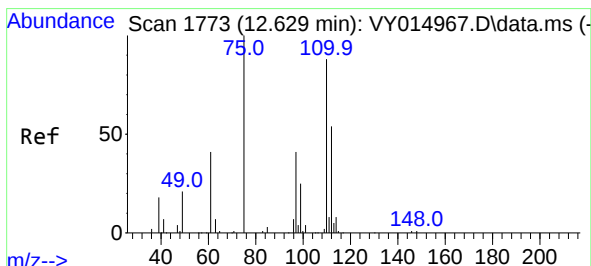
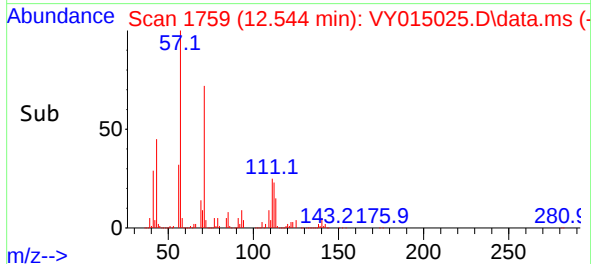
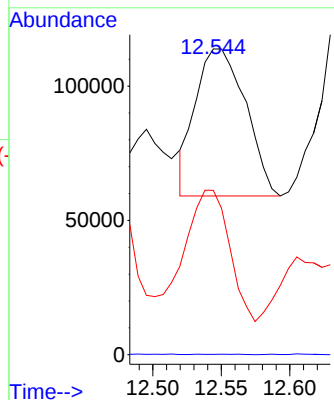
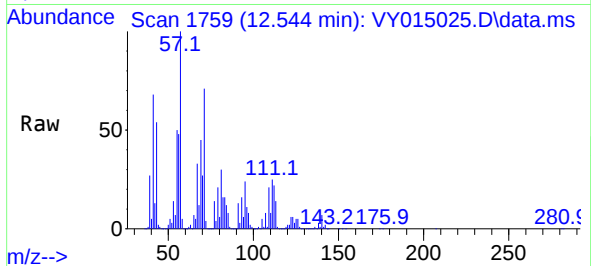




#75
1,1,2,2-Tetrachloroethane
Concen: 83.790 ug/l
RT: 12.544 min Scan# 1759
Delta R.T. -0.037 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

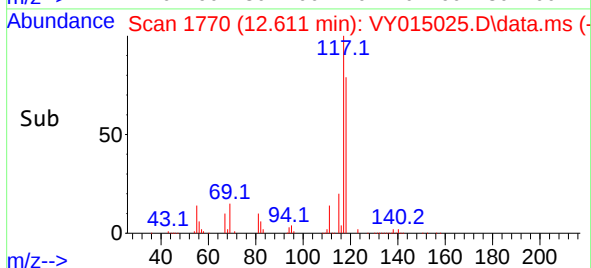
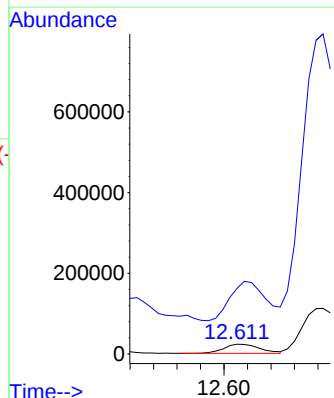
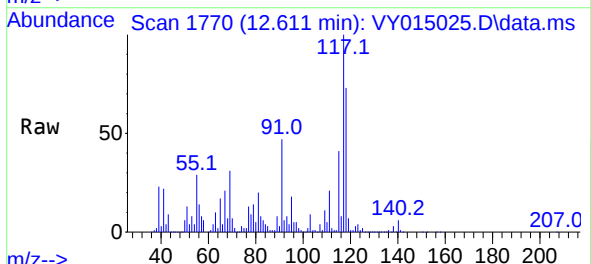
Instrument :
MSVOA_Y
ClientSampleId :

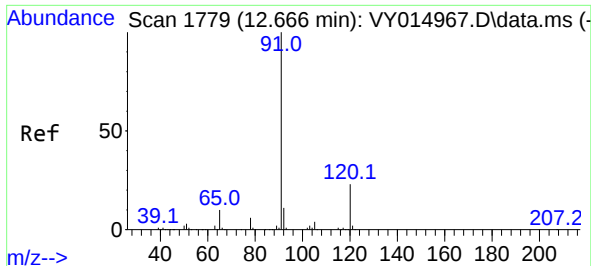
Tgt Ion: 83 Resp: 139023
Ion Ratio Lower Upper
83 100
131 0.2 5.4 16.2#
85 80.0 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 39.471 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.018 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion: 75 Resp: 47768
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

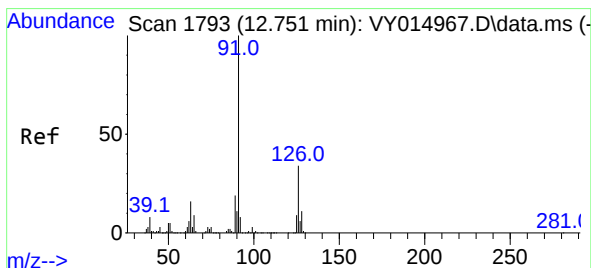
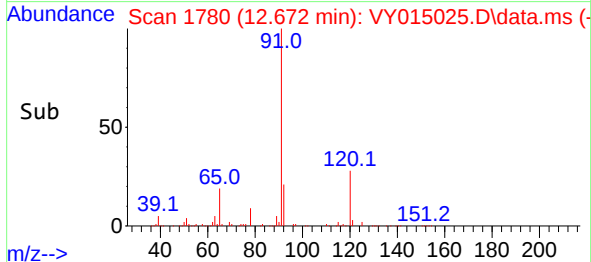
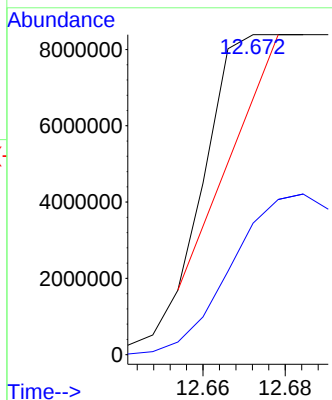
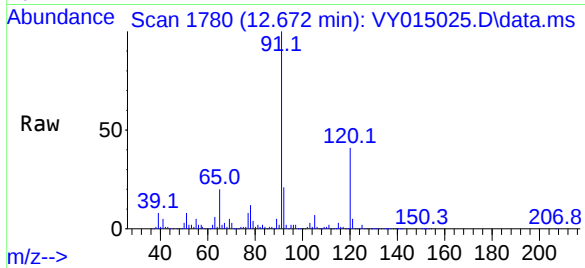




#78
n-propylbenzene
Concen: 476.574 ug/l
RT: 12.672 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

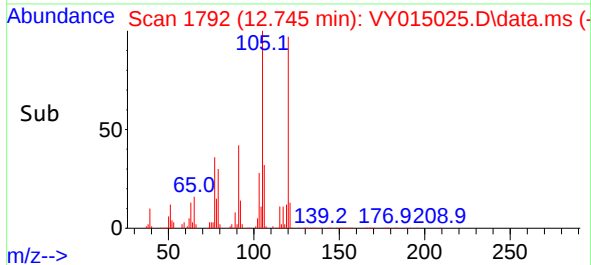
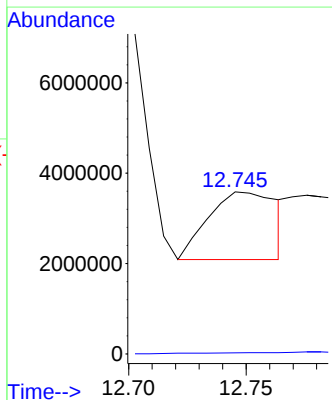
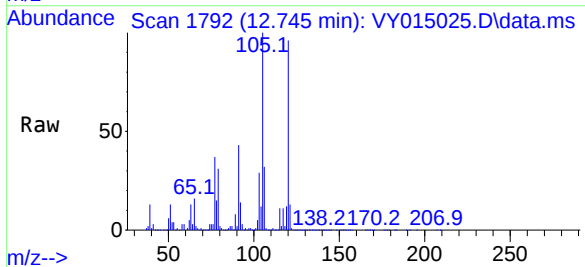
Instrument :
MSVOA_Y
ClientSampleId :

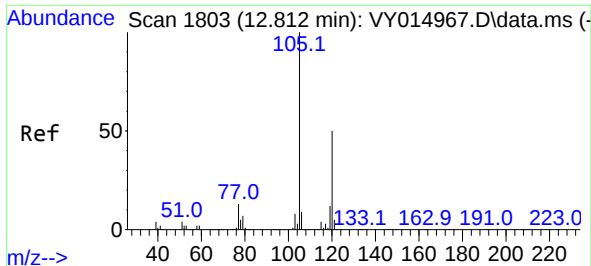
Tgt Ion: 91 Resp: 3869998
Ion Ratio Lower Upper
91 100
120 240.8 11.5 34.4#



#79
2-Chlorotoluene
Concen: 653.536 ug/l
RT: 12.745 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion: 91 Resp: 3024580
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#

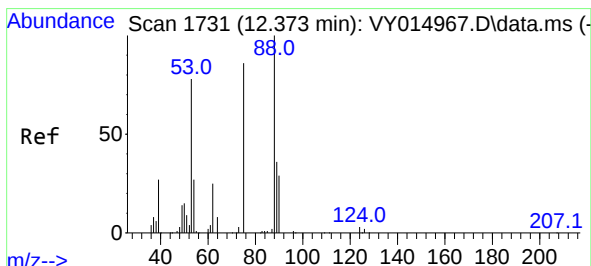
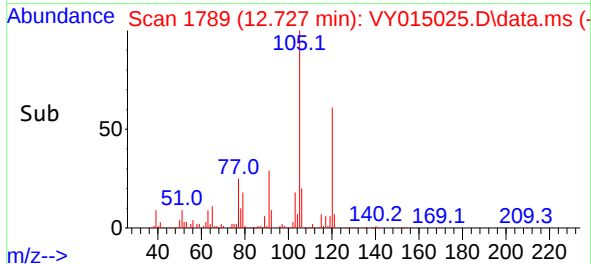
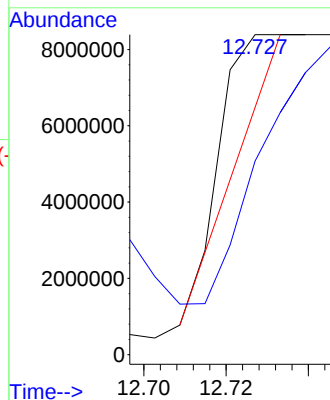
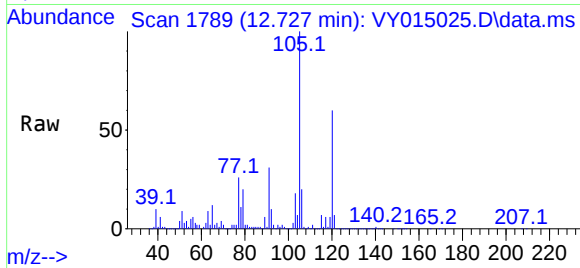




#80
1,3,5-Trimethylbenzene
Concen: 587.788 ug/l
RT: 12.727 min Scan# 11
Delta R.T. -0.085 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

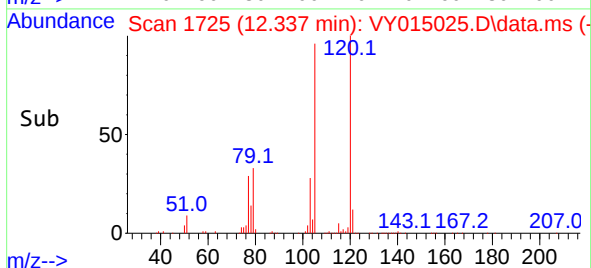
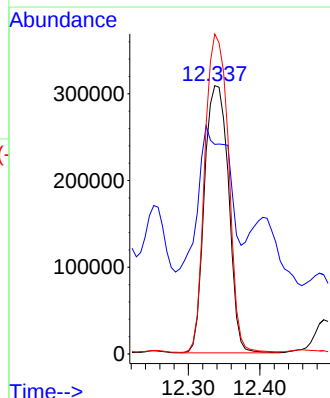
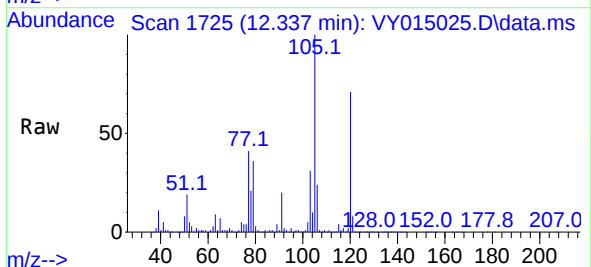
Instrument :
MSVOA_Y
ClientSampleId :

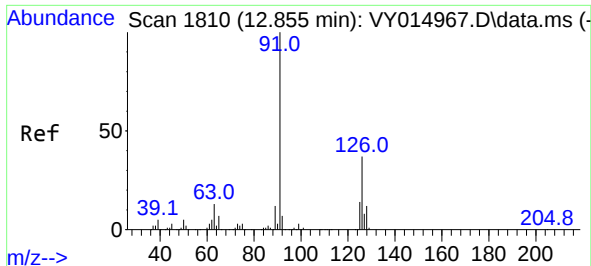
Tgt Ion:105 Resp: 3288637
Ion Ratio Lower Upper
105 100
120 476.2 23.9 71.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 1308.874 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.037 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion: 75 Resp: 719021
Ion Ratio Lower Upper
75 100
53 92.2 77.8 116.8
89 117.0 37.4 56.0#

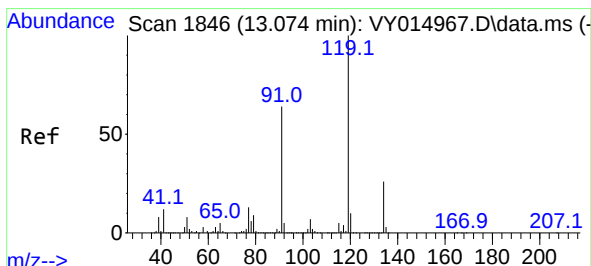
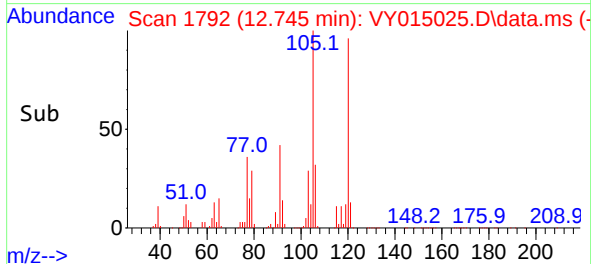
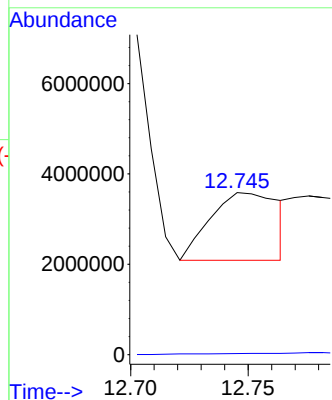
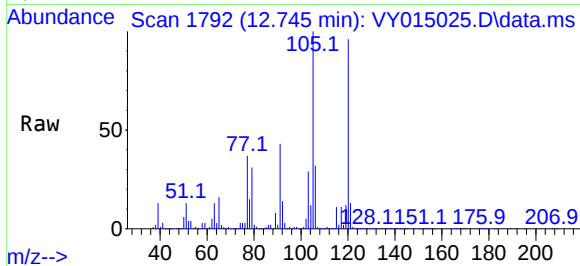




#82
4-Chlorotoluene
Concen: 632.185 ug/l
RT: 12.745 min Scan# 11
Delta R.T. -0.110 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

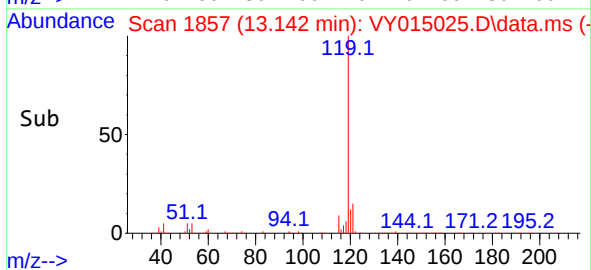
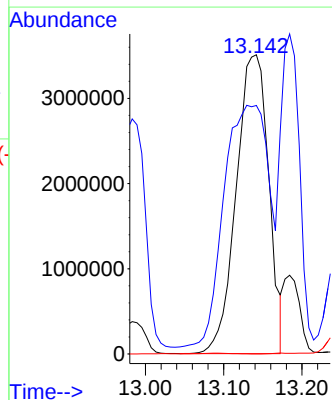
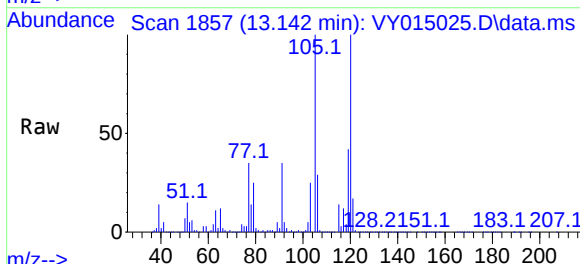
Instrument :
MSVOA_Y
ClientSampleId :

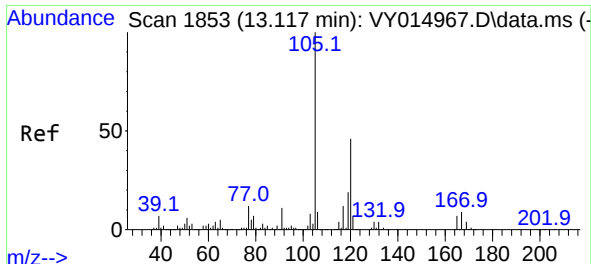
Tgt Ion: 91 Resp: 3024580
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 1969.241 ug/l
RT: 13.142 min Scan# 1857
Delta R.T. 0.067 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion: 119 Resp: 10079042
Ion Ratio Lower Upper
119 100
91 112.2 32.9 98.6#
134 0.0 13.0 38.9#

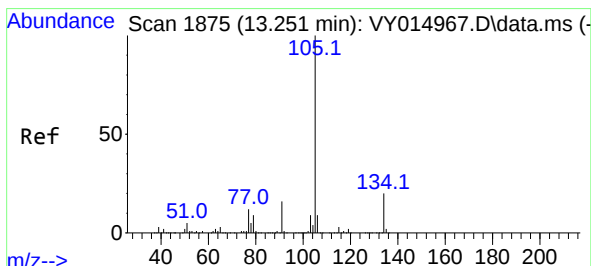
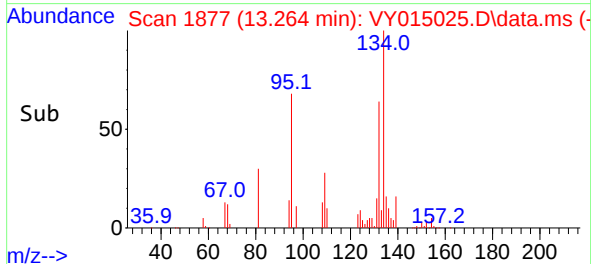
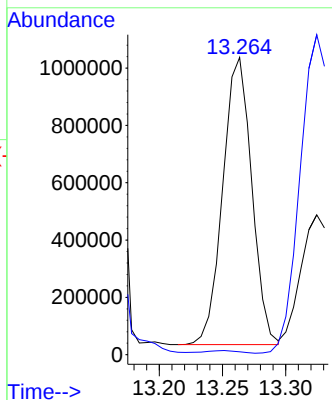
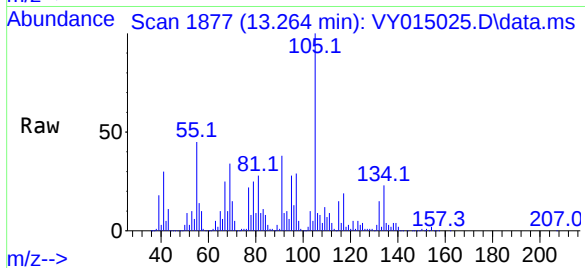




#84
1,2,4-Trimethylbenzene
Concen: 284.616 ug/l
RT: 13.264 min Scan# 1853
Delta R.T. 0.146 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

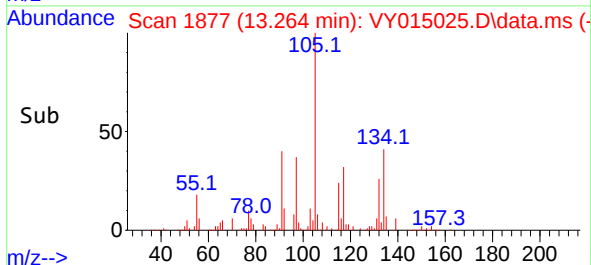
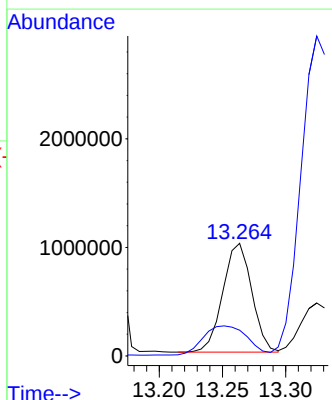
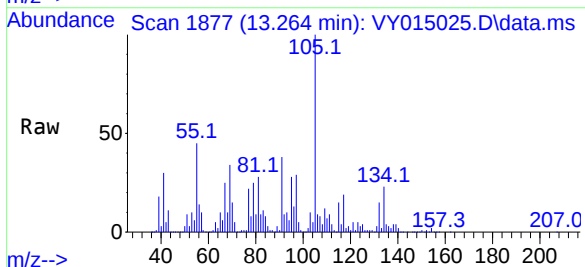
Instrument :
MSVOA_Y
ClientSampleId :

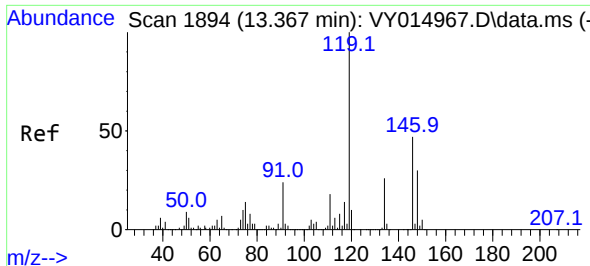
Tgt Ion:105 Resp: 1595432
Ion Ratio Lower Upper
105 100
120 0.0 22.2 66.6#



#85
sec-Butylbenzene
Concen: 212.561 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.012 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion:105 Resp: 1596728
Ion Ratio Lower Upper
105 100
134 41.6 10.2 30.6#

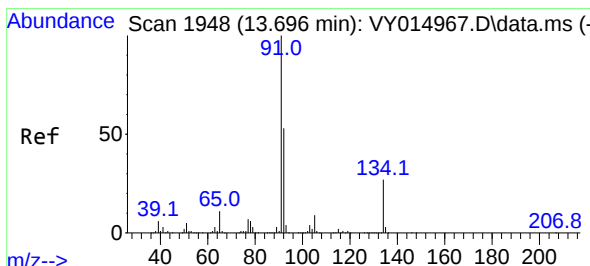
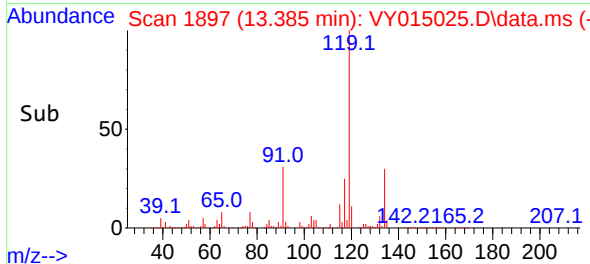
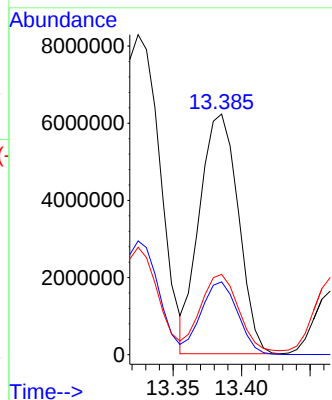
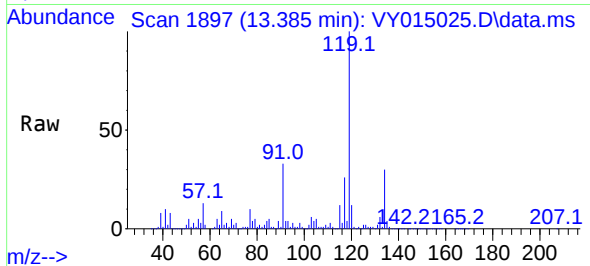




#86
p-Isopropyltoluene
Concen: 1969.054 ug/l
RT: 13.385 min Scan# 119
Delta R.T. 0.018 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

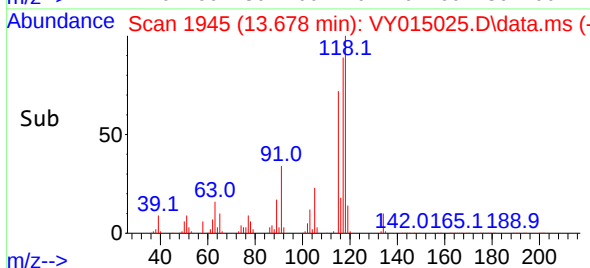
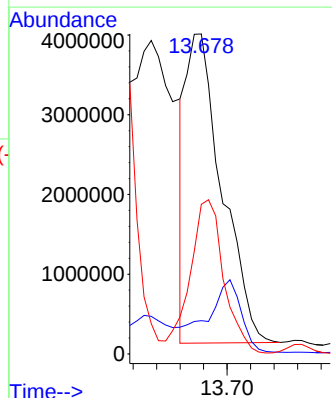
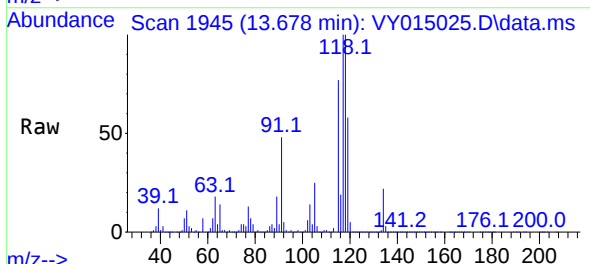
Instrument :
MSVOA_Y
ClientSampleId :

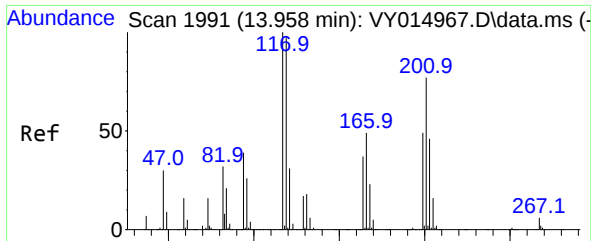
Tgt Ion:119 Resp:12243552
Ion Ratio Lower Upper
119 100
134 28.8 13.3 39.8
91 30.5 12.4 37.4



#89
n-Butylbenzene
Concen: 1408.924 ug/l
RT: 13.678 min Scan# 1945
Delta R.T. -0.018 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

Tgt Ion: 91 Resp: 8231293
Ion Ratio Lower Upper
91 100
92 0.0 25.4 76.0#
134 46.4 12.6 37.6#

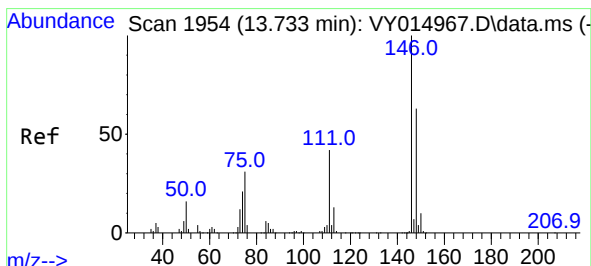
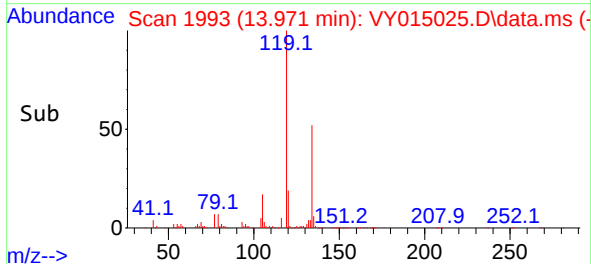
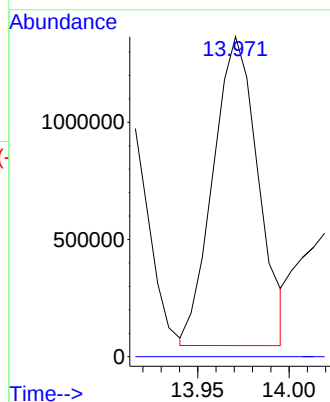
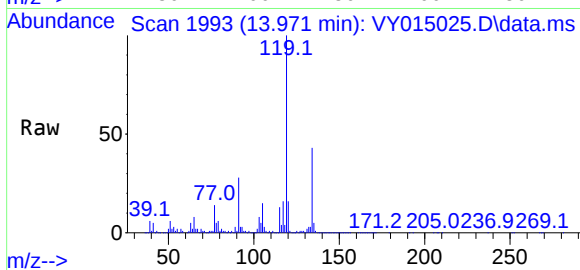




#90
Hexachloroethane
Concen: 1874.480 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

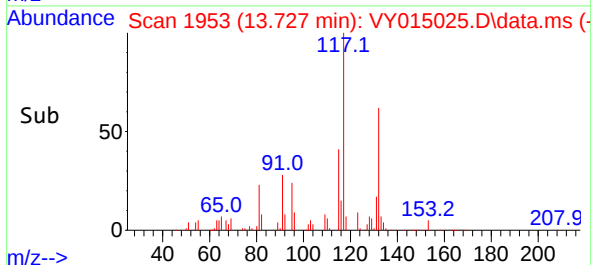
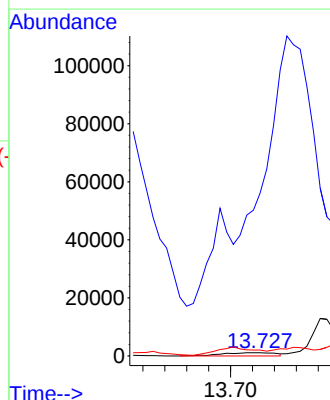
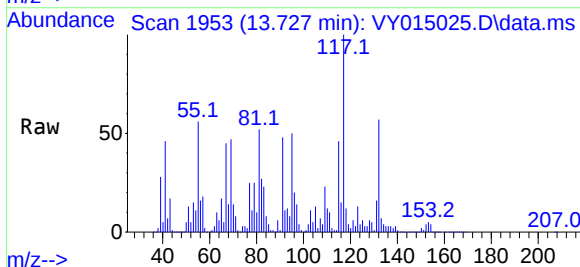
Instrument :
MSVOA_Y
ClientSampleId :

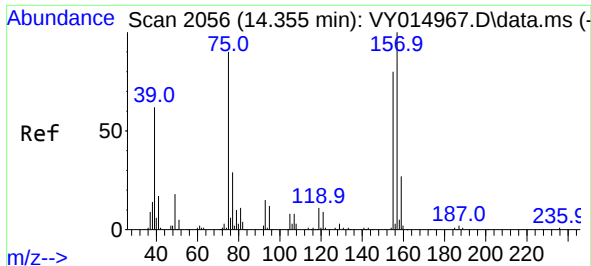
Tgt Ion:117 Resp: 2263419
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#



#91
1,2-Dichlorobenzene
Concen: 1.291 ug/l
RT: 13.727 min Scan# 1953
Delta R.T. -0.006 min
Lab File: VY015025.D
Acq: 10 Aug 2023 14:18

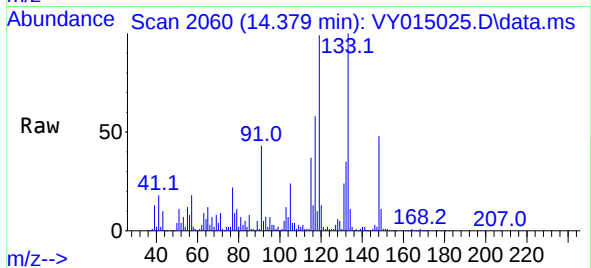
Tgt Ion:146 Resp: 3842
Ion Ratio Lower Upper
146 100
111 0.0 19.7 59.0#
148 0.0 32.0 96.2#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 69.346 ug/l
 RT: 14.379 min Scan# 2056
 Delta R.T. 0.024 min
 Lab File: VY015025.D
 Acq: 10 Aug 2023 14:18

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 22465
 Ion Ratio Lower Upper
 75 100
 155 4.4 41.5 124.6#
 157 0.0 51.8 155.5#

