

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020721.D
 Acq On : 26 Dec 2024 16:51
 Operator : SY/MD
 Sample : P5383-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-12232024

Quant Time: Dec 27 00:34:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

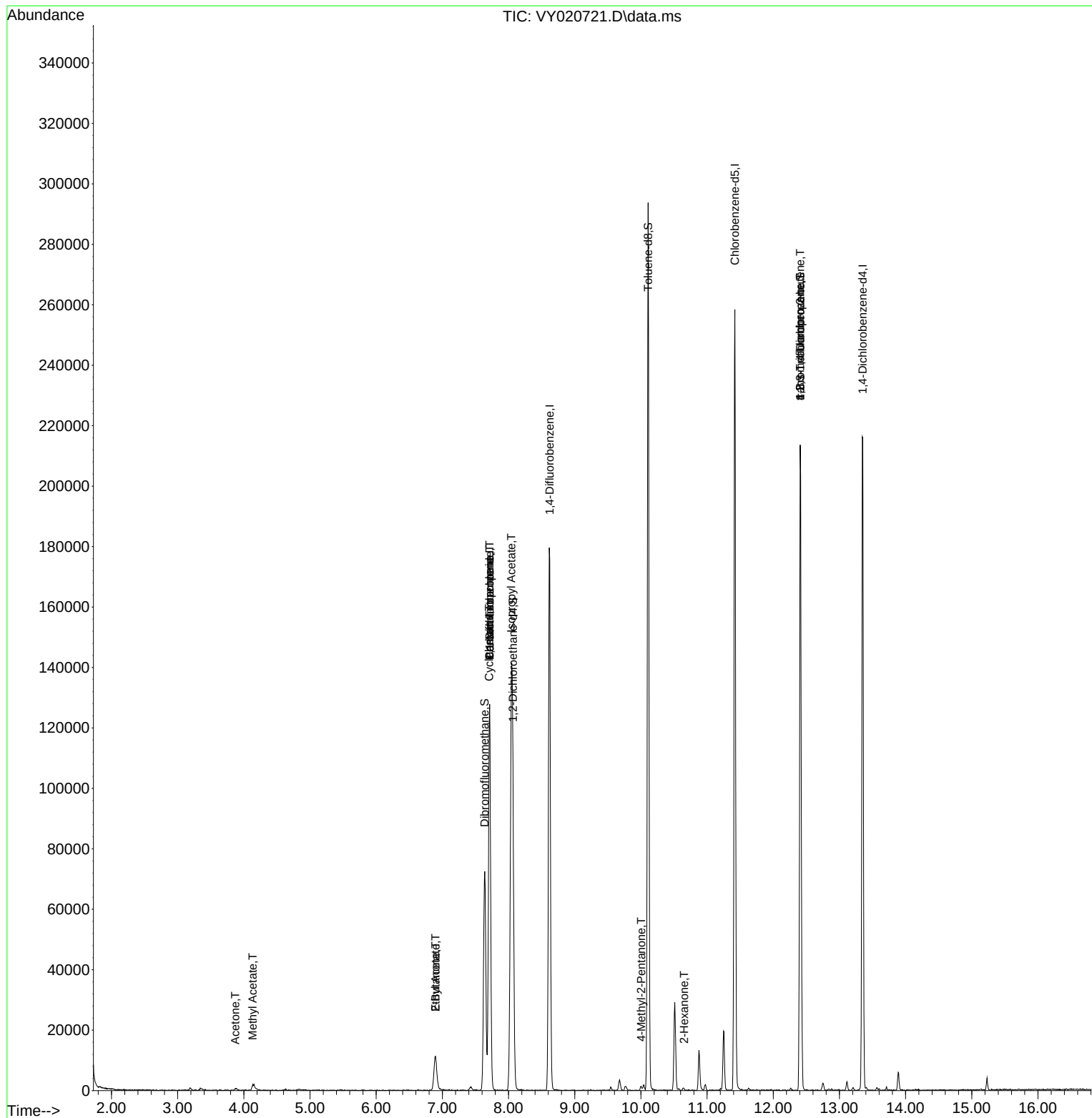
Internal Standards						
1) Pentafluorobenzene	7.713	168	99096	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.622	114	159471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	139121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	57992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	52463	64.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.260%	
35) Dibromofluoromethane	7.640	113	50159	57.103	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.200%	
50) Toluene-d8	10.109	98	185089	52.885	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.780%	
62) 4-Bromofluorobenzene	12.408	95	58051	49.729	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 99.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	386	Below Cal	#	89
16) Acetone	3.873	43	446	4.331	ug/l	99
18) Methyl Acetate	4.135	43	1057	3.793	ug/l #	43
25) 2-Butanone	6.896	43	680	4.889	ug/l #	38
31) Cyclohexane	7.707	56	1787	1.714	ug/l #	13
36) 1,1-Dichloropropene	7.713	75	6908	5.954	ug/l #	53
37) Ethyl Acetate	6.896	43	680	1.778	ug/l #	7
38) Carbon Tetrachloride	7.713	117	10582	5.538	ug/l #	15
43) Isopropyl Acetate	8.043	43	2179	2.681	ug/l #	1
51) 4-Methyl-2-Pentanone	10.006	43	920	2.345	ug/l #	85
59) 2-Hexanone	10.652	43	309	1.193	ug/l #	20
76) 1,2,3-Trichloropropane	12.408	75	33587	91.062	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	33587	179.994	ug/l #	8

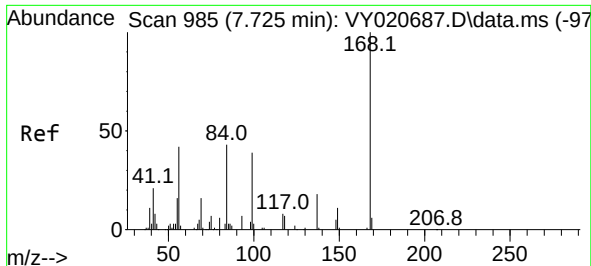
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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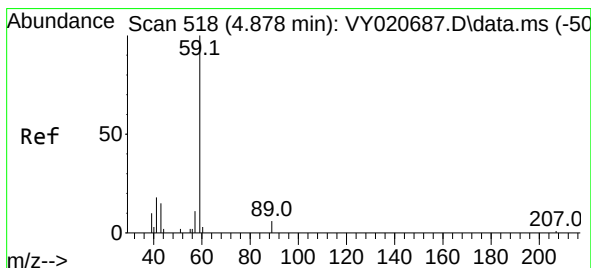
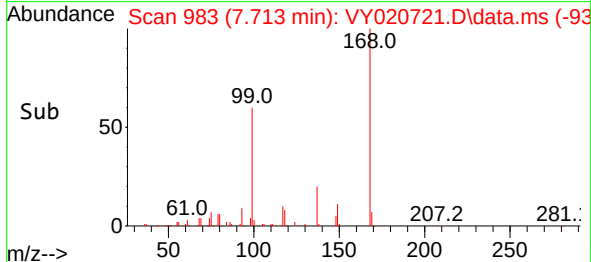
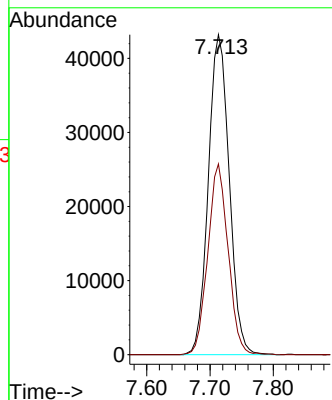
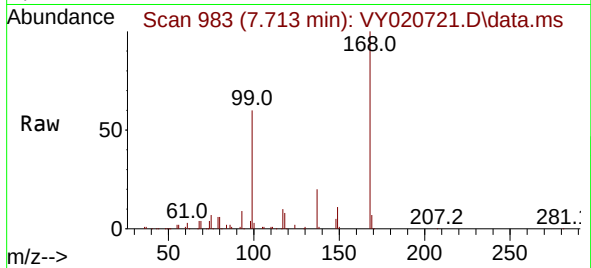




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020721.D
Acq: 26 Dec 2024 16:51

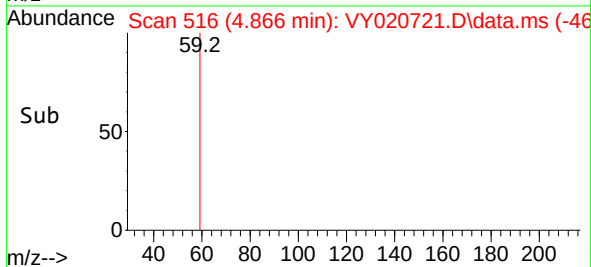
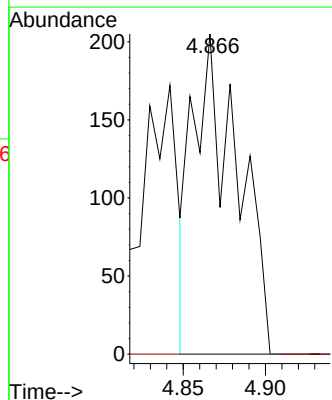
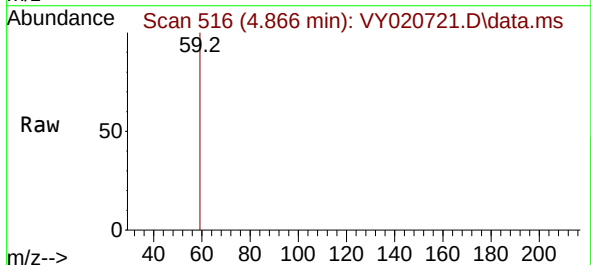
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-12232024

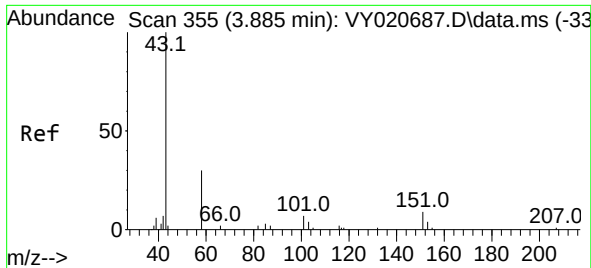
Tgt Ion:168 Resp: 99096
Ion Ratio Lower Upper
168 100
99 59.6 43.8 65.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.866 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY020721.D
Acq: 26 Dec 2024 16:51

Tgt Ion: 59 Resp: 386
Ion Ratio Lower Upper
59 100
57 0.0 2.8 4.2#

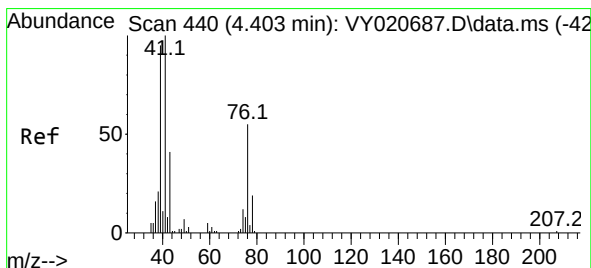
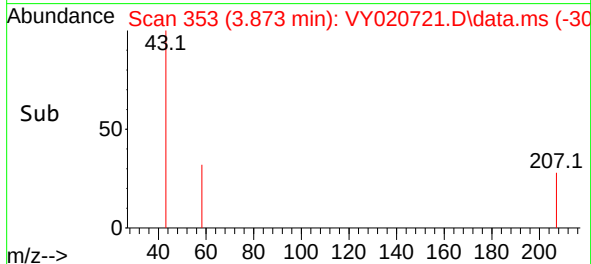
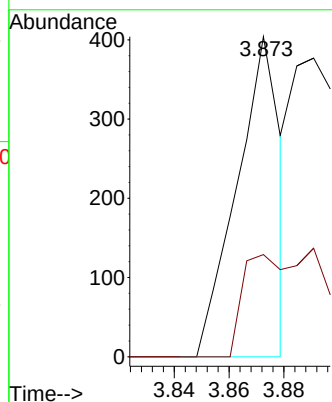
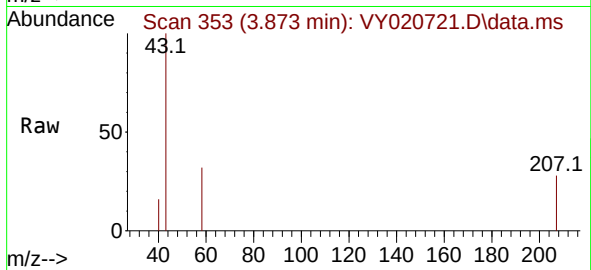




#16
Acetone
Concen: 4.331 ug/l
RT: 3.873 min Scan# 316
Delta R.T. -0.012 min
Lab File: VY020721.D
Acq: 26 Dec 2024 16:51

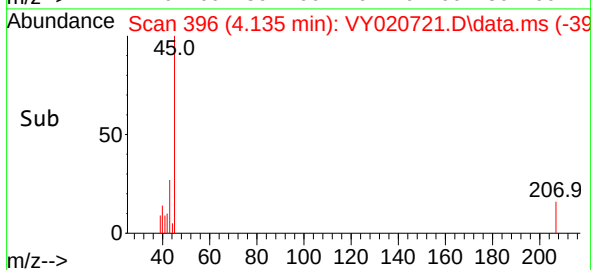
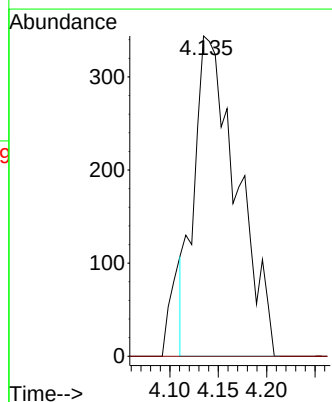
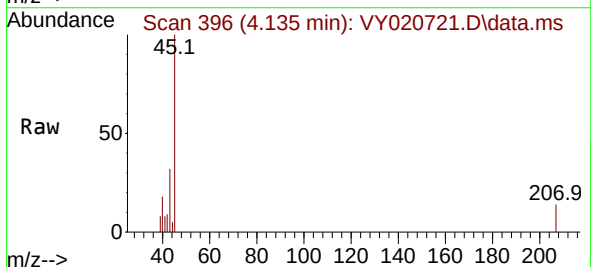
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-12232024

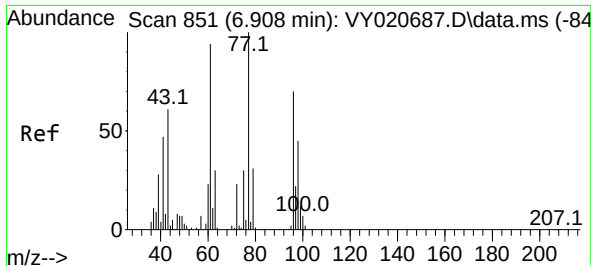
Tgt Ion: 43 Resp: 446
Ion Ratio Lower Upper
43 100
58 31.9 25.0 37.6



#18
Methyl Acetate
Concen: 3.793 ug/l
RT: 4.135 min Scan# 396
Delta R.T. -0.268 min
Lab File: VY020721.D
Acq: 26 Dec 2024 16:51

Tgt Ion: 43 Resp: 1057
Ion Ratio Lower Upper
43 100
74 0.0 25.3 37.9#

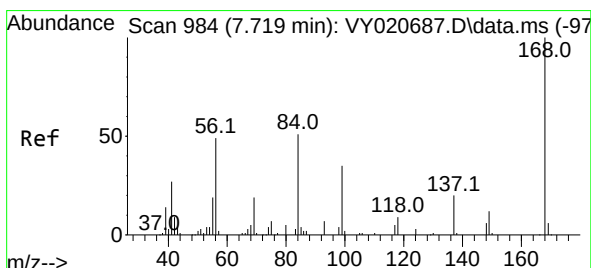
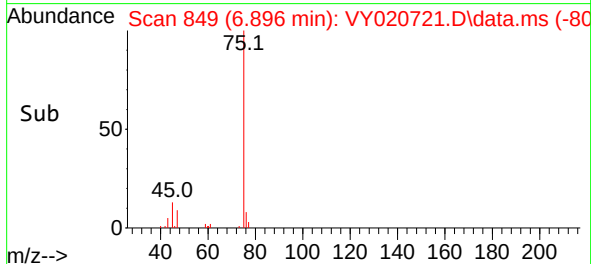
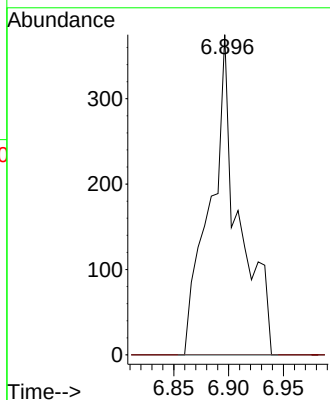
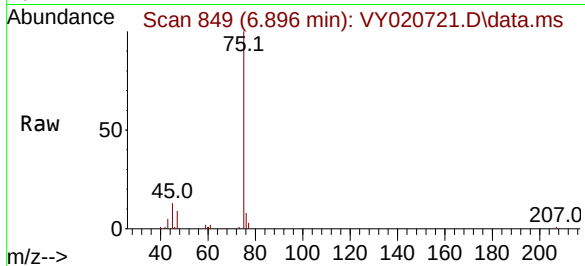




#25
2-Butanone
Concen: 4.889 ug/l
RT: 6.896 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY020721.D
Acq: 26 Dec 2024 16:51

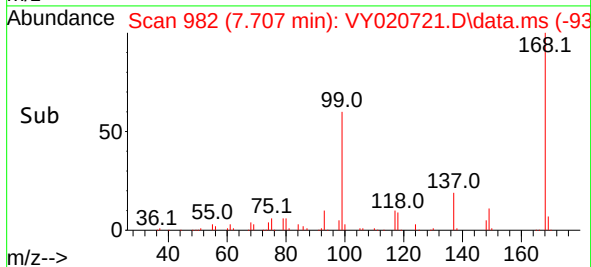
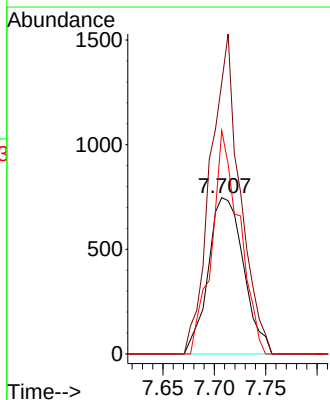
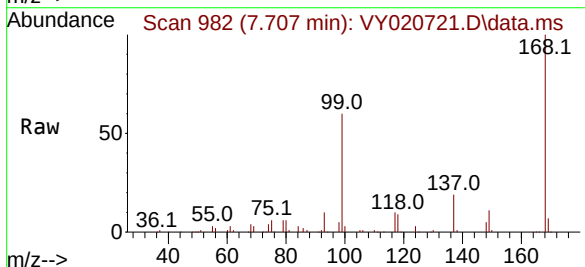
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-12232024

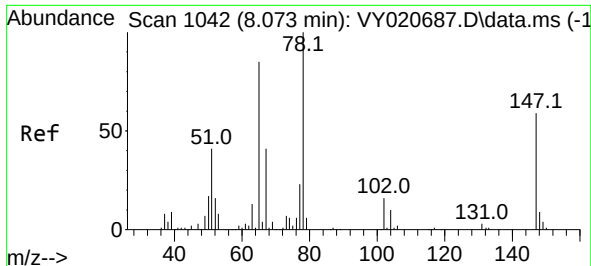
Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
72 0.0 29.5 44.3#



#31
Cyclohexane
Concen: 1.714 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.012 min
Lab File: VY020721.D
Acq: 26 Dec 2024 16:51

Tgt Ion: 56 Resp: 1787
Ion Ratio Lower Upper
56 100
69 173.5 31.3 46.9#
84 142.8 83.9 125.9#

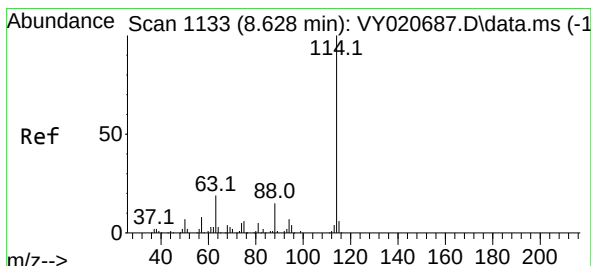
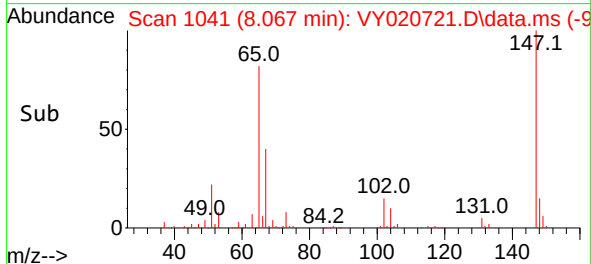
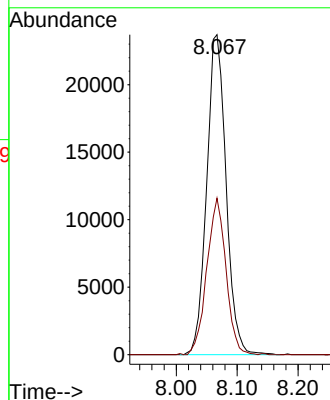
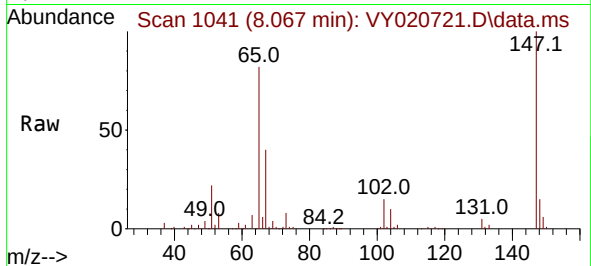




#33
 1,2-Dichloroethane-d4
 Concen: 64.635 ug/l
 RT: 8.067 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY020721.D
 Acq: 26 Dec 2024 16:51

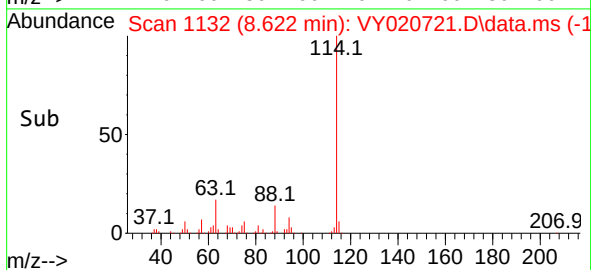
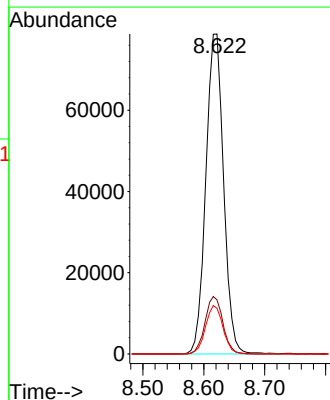
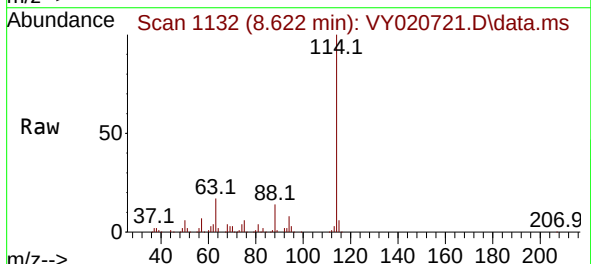
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-12232024

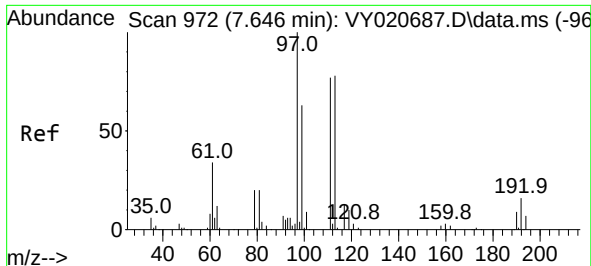
Tgt Ion: 65 Resp: 52463
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. -0.006 min
 Lab File: VY020721.D
 Acq: 26 Dec 2024 16:51

Tgt Ion: 114 Resp: 159471
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 38.4
 88 14.3 0.0 30.4

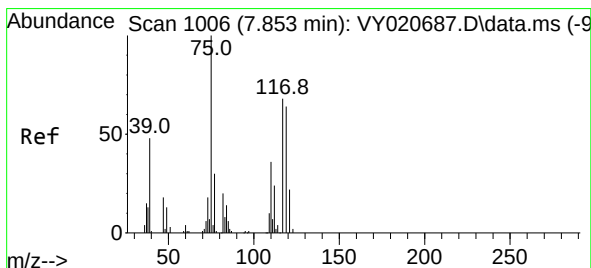
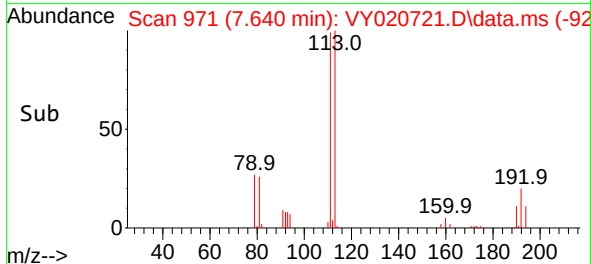
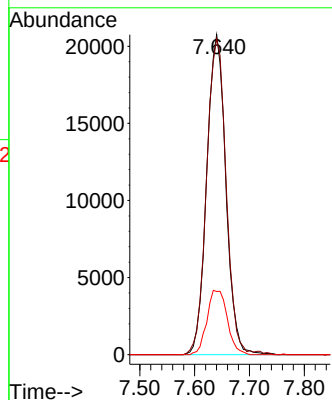
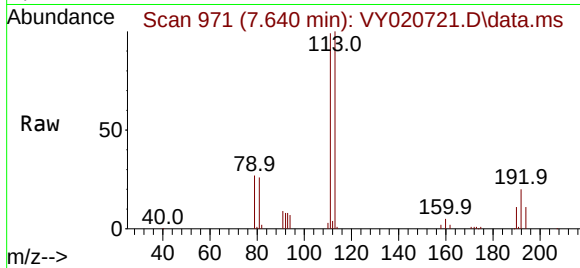




#35
Dibromofluoromethane
Concen: 57.103 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020721.D
Acq: 26 Dec 2024 16:51

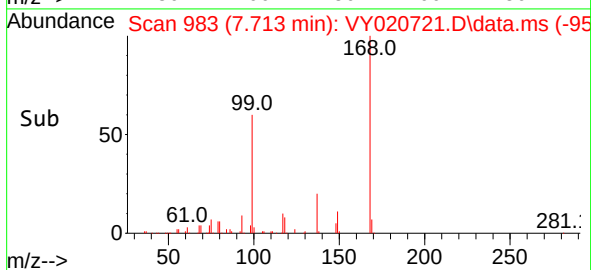
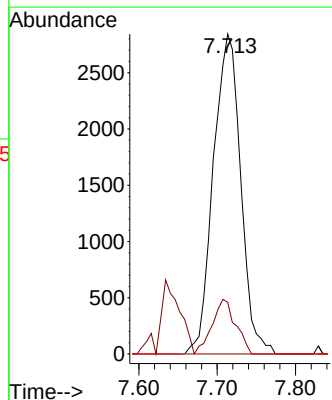
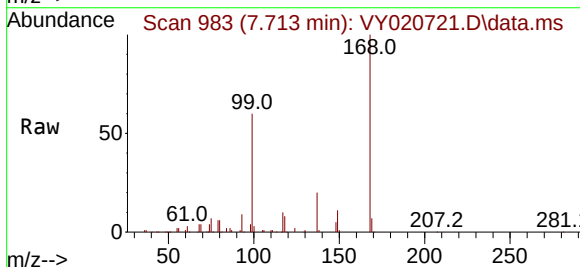
Instrument :
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ClientSampleId :
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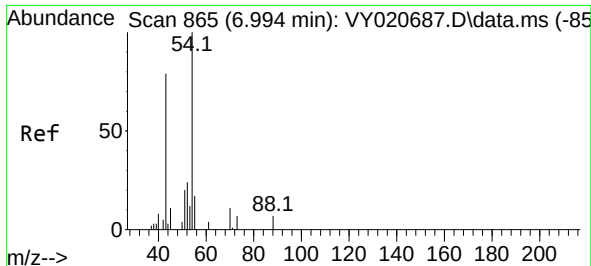
Tgt Ion:113 Resp: 50159
Ion Ratio Lower Upper
113 100
111 101.2 79.8 119.8
192 21.4 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.954 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.140 min
Lab File: VY020721.D
Acq: 26 Dec 2024 16:51

Tgt Ion: 75 Resp: 6908
Ion Ratio Lower Upper
75 100
110 14.7 19.6 58.7#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.778 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY020721.D

Acq: 26 Dec 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-12232024

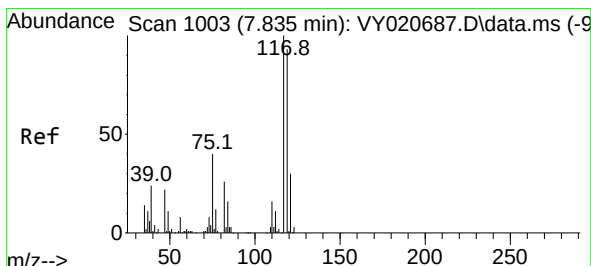
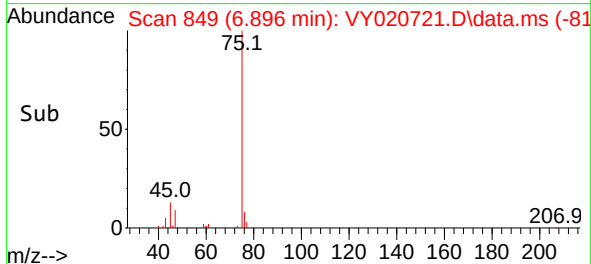
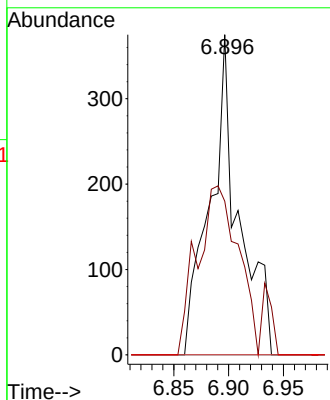
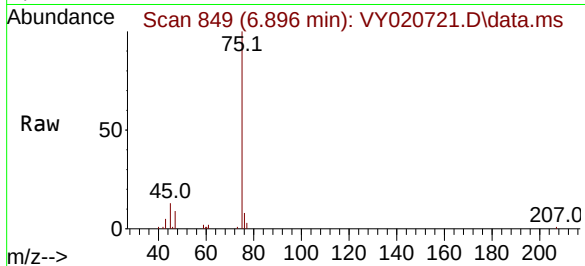
Tgt Ion: 43 Resp: 680

Ion Ratio Lower Upper

43 100

61 75.9 11.7 17.5#

70 0.0 11.0 16.4#



#38

Carbon Tetrachloride

Concen: 5.538 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

Lab File: VY020721.D

Acq: 26 Dec 2024 16:51

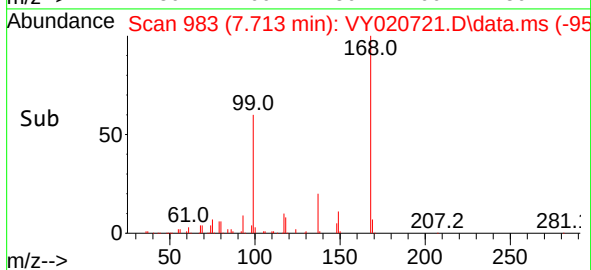
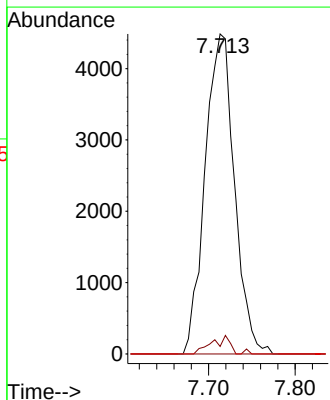
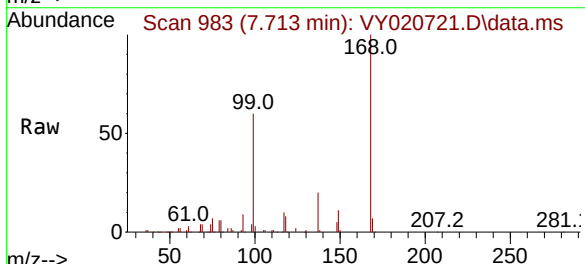
Tgt Ion: 117 Resp: 10582

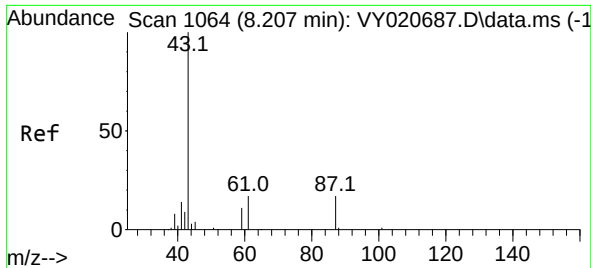
Ion Ratio Lower Upper

117 100

119 2.3 74.4 111.6#

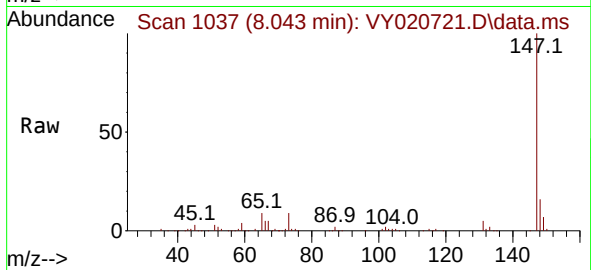
121 0.0 24.2 36.2#



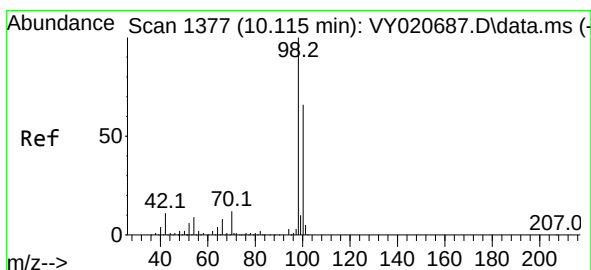
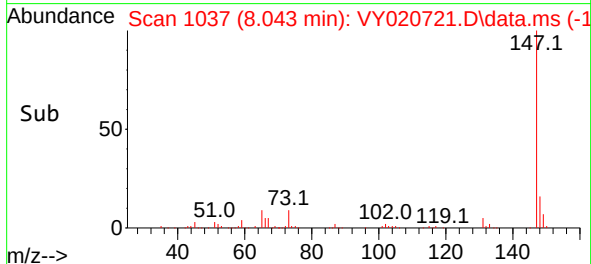
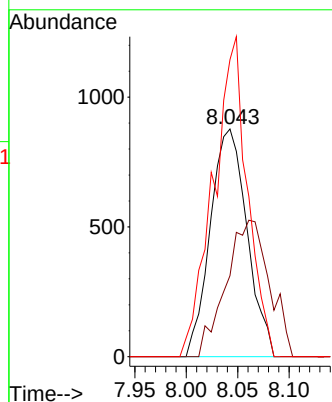


#43
Isopropyl Acetate
Concen: 2.681 ug/l
RT: 8.043 min Scan# 1064
Delta R.T. -0.164 min
Lab File: VY020721.D
Acq: 26 Dec 2024 16:51

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-12232024

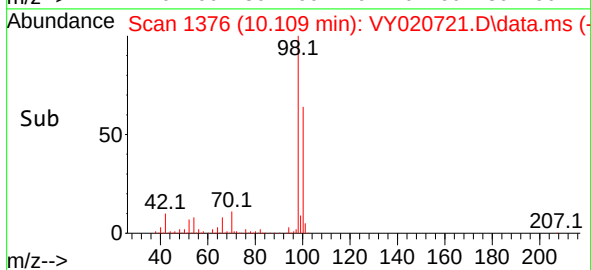
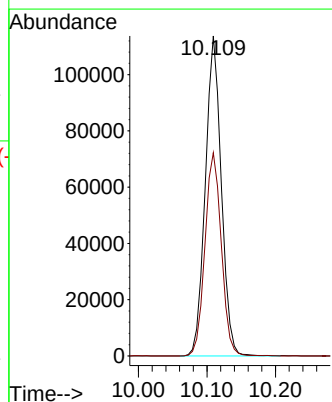
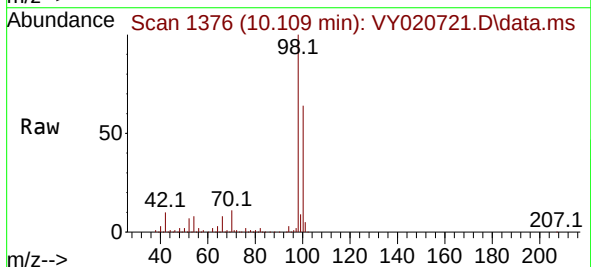


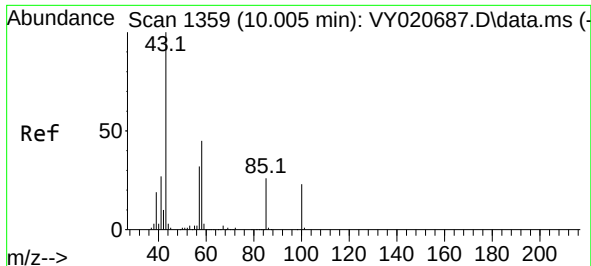
Tgt Ion: 43 Resp: 2179
Ion Ratio Lower Upper
43 100
61 70.5 27.0 40.4#
87 130.5 14.2 21.4#



#50
Toluene-d8
Concen: 52.885 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020721.D
Acq: 26 Dec 2024 16:51

Tgt Ion: 98 Resp: 185089
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

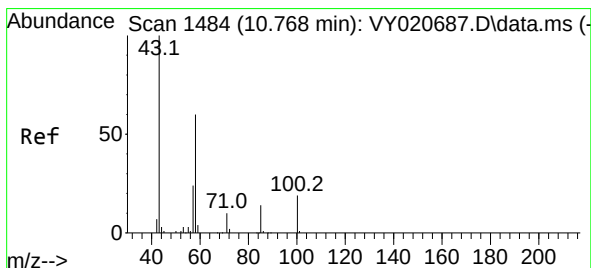
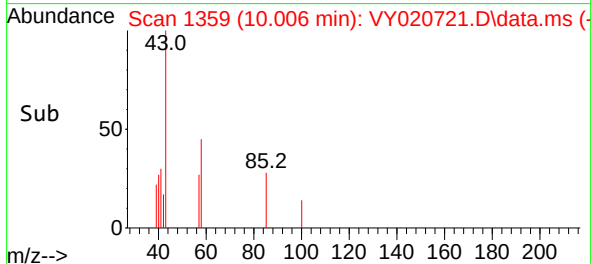
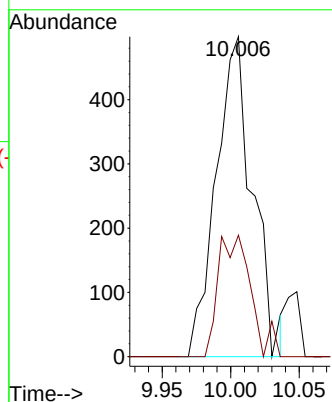
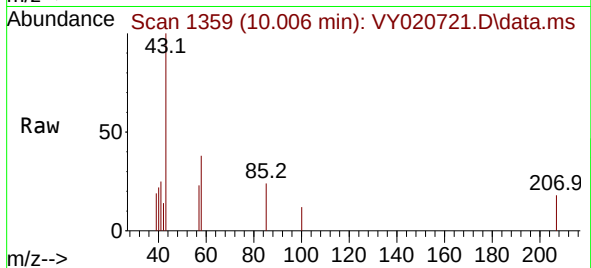




#51
4-Methyl-2-Pentanone
Concen: 2.345 ug/l
RT: 10.006 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY020721.D
Acq: 26 Dec 2024 16:51

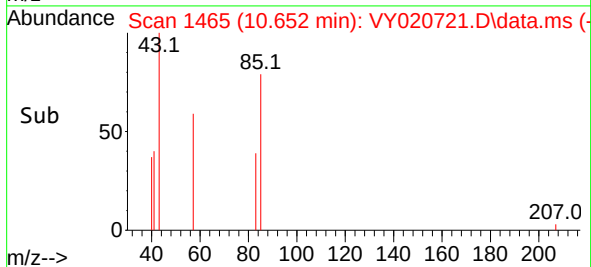
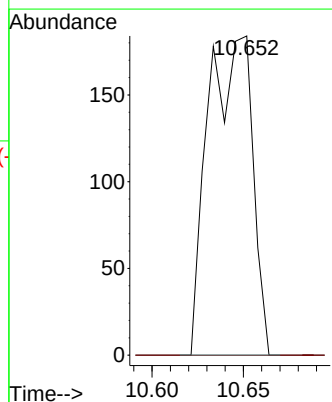
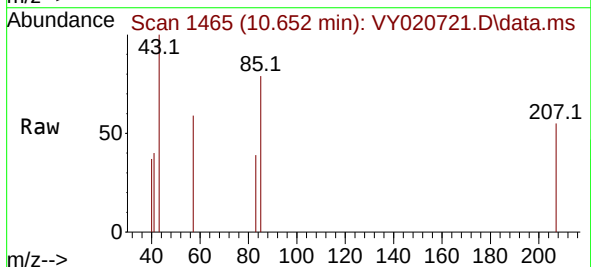
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-12232024

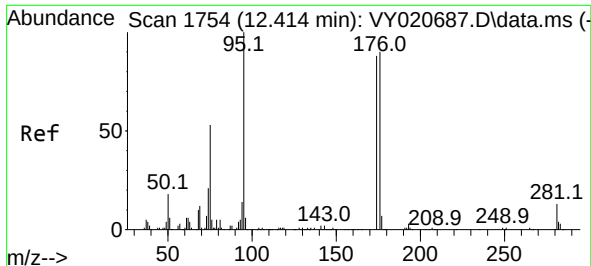
Tgt Ion: 43 Resp: 920
Ion Ratio Lower Upper
43 100
58 33.9 35.1 52.7#



#59
2-Hexanone
Concen: 1.193 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.116 min
Lab File: VY020721.D
Acq: 26 Dec 2024 16:51

Tgt Ion: 43 Resp: 309
Ion Ratio Lower Upper
43 100
58 0.0 30.1 90.5#

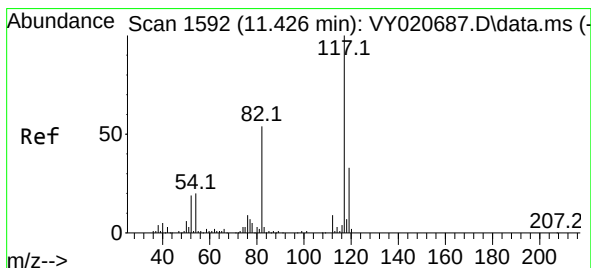
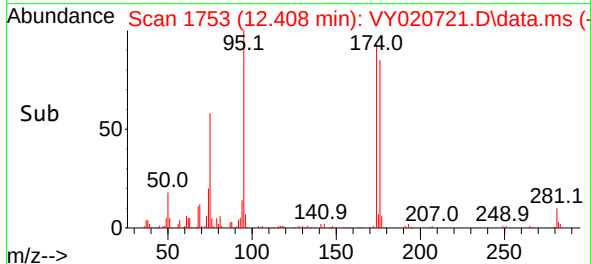
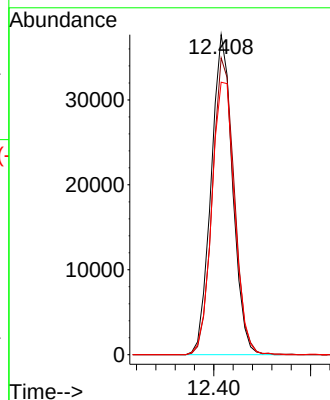
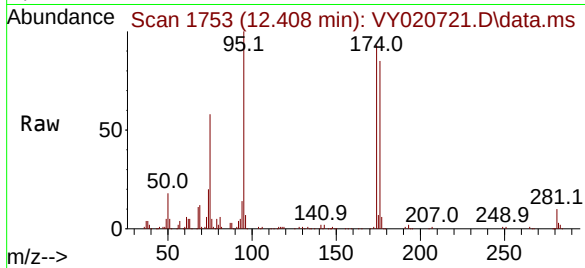




#62
4-Bromofluorobenzene
Concen: 49.729 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020721.D
Acq: 26 Dec 2024 16:51

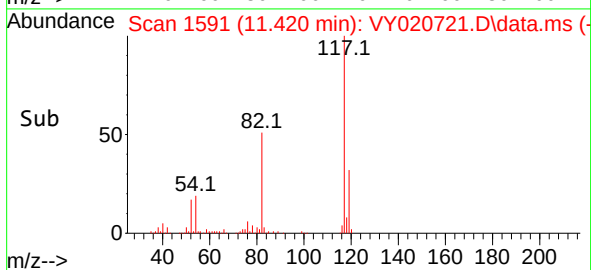
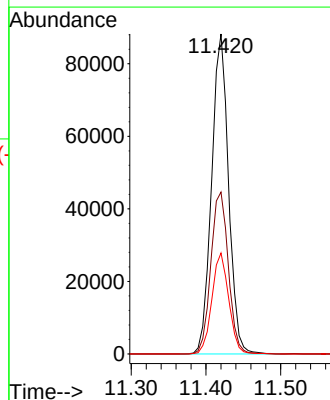
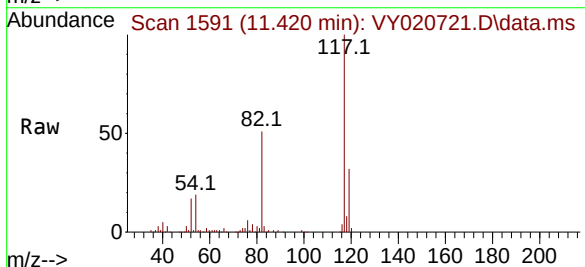
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-12232024

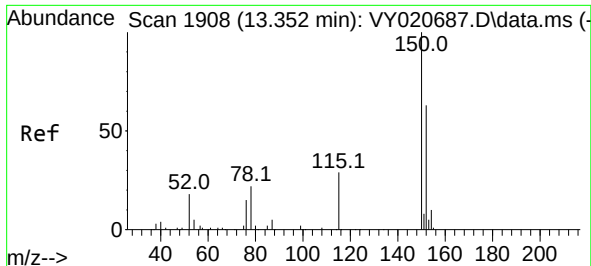
Tgt Ion:	95	Resp:	58051
Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	179.2
176	91.2	0.0	179.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY020721.D
Acq: 26 Dec 2024 16:51

Tgt Ion:	117	Resp:	139121
Ion	Ratio	Lower	Upper
117	100		
82	50.6	43.4	65.2
119	31.5	26.6	39.8

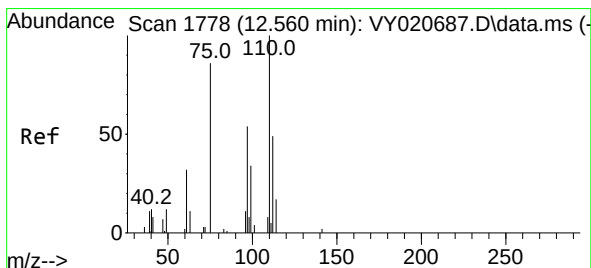
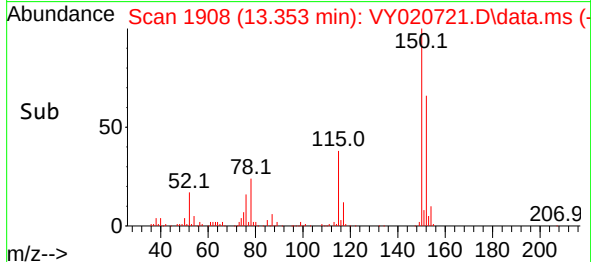
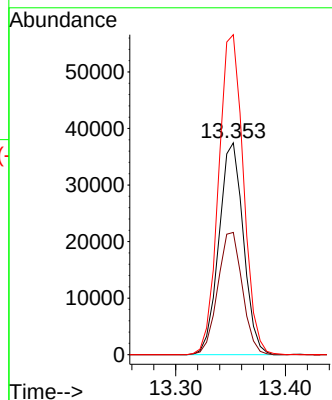
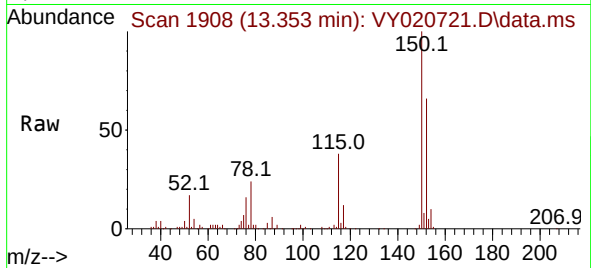




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. 0.001 min
 Lab File: VY020721.D
 Acq: 26 Dec 2024 16:51

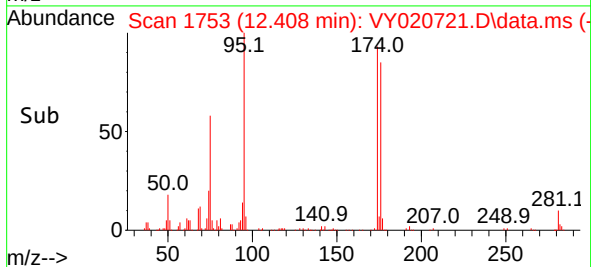
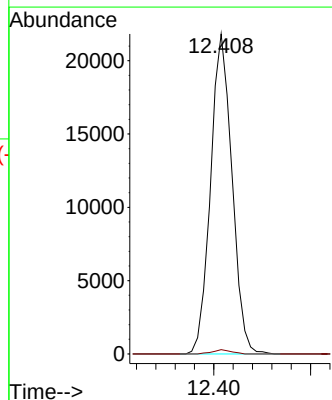
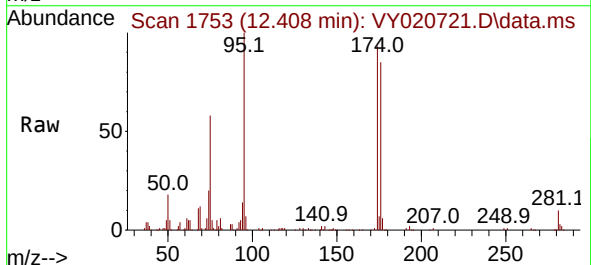
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-12232024

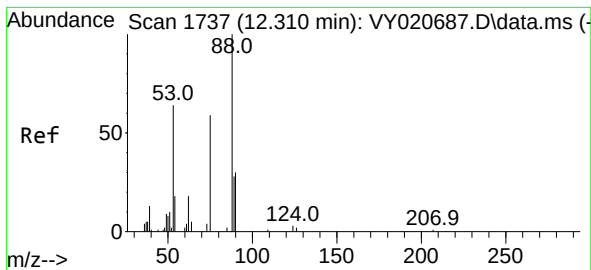
Tgt Ion:152 Resp: 57992
 Ion Ratio Lower Upper
 152 100
 115 58.2 30.3 90.9
 150 153.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 91.062 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY020721.D
 Acq: 26 Dec 2024 16:51

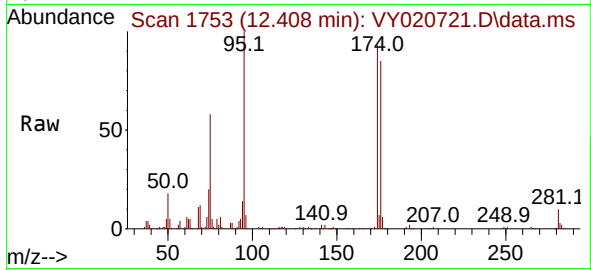
Tgt Ion: 75 Resp: 33587
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 179.994 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY020721.D
Acq: 26 Dec 2024 16:51

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-12232024



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.1	124.7#
89	0.1	40.6	61.0#

