

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014361.D
 Acq On : 22 Jun 2023 04:57
 Operator : KP/MD
 Sample : 03330-06
 Misc : 2.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-MC03-GRAB-7

Quant Time: Jun 22 07:30:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

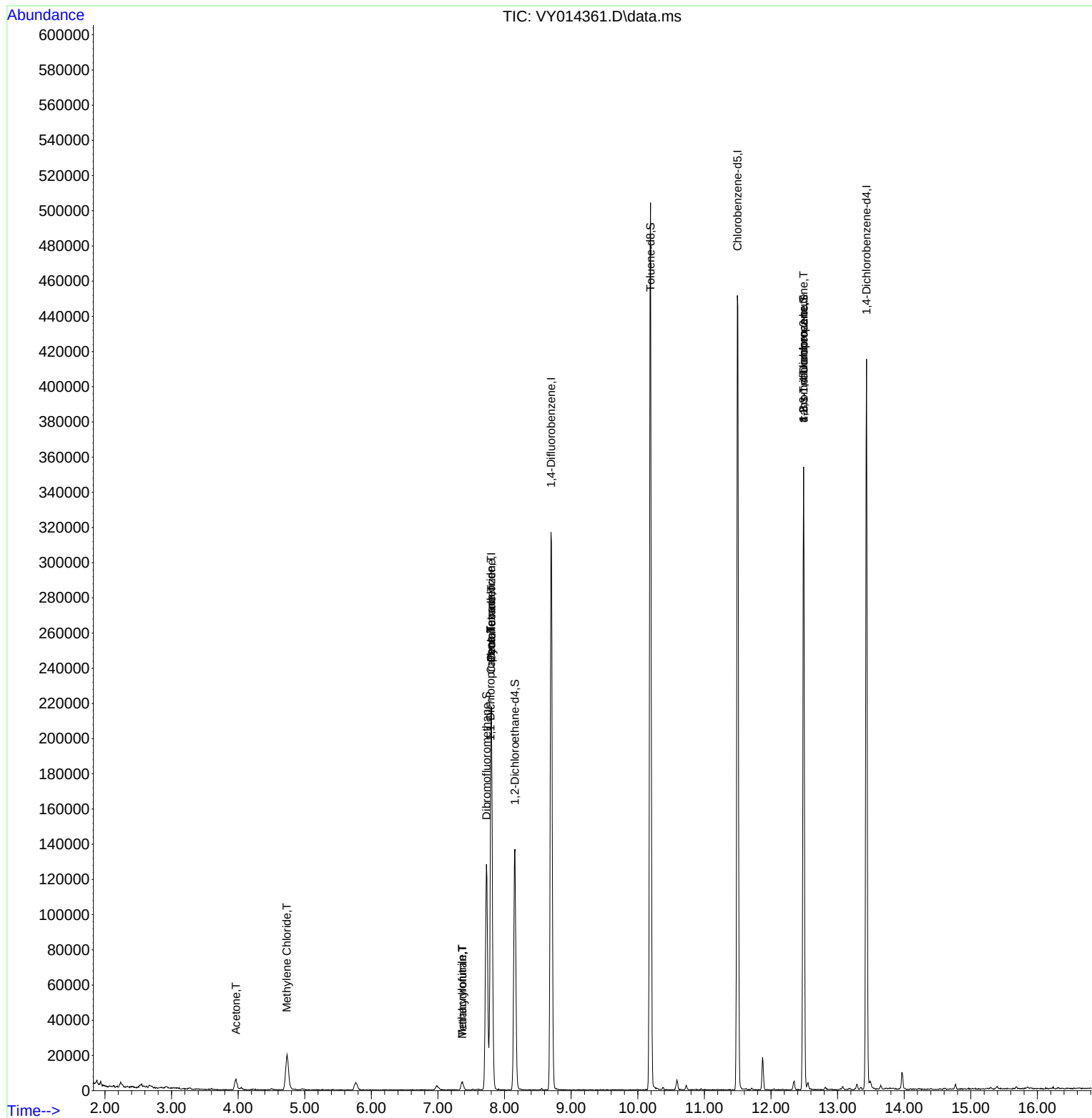
Internal Standards						
1) Pentafluorobenzene	7.801	168	173316	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	270628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	247631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	105398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	116864	48.422	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.840%		
35) Dibromofluoromethane	7.728	113	86440	45.039	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.080%		
50) Toluene-d8	10.191	98	325581	45.376	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.760%		
62) 4-Bromofluorobenzene	12.489	95	97818	38.377	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	76.760%		
Target Compounds						
11) Tert butyl alcohol	4.966	59	908	Below Cal	#	95
16) Acetone	3.967	43	10301	14.160	ug/l	98
20) Methylene Chloride	4.729	84	15227	3.200	ug/l	82
29) Tetrahydrofuran	7.368	42	3628	6.389	ug/l	97
31) Cyclohexane	7.801	56	3682	1.139	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	12693	4.242	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16751	4.851	ug/l #	16
41) Methacrylonitrile	7.362	41	2077	1.971	ug/l #	43
76) 1,2,3-Trichloropropane	12.489	75	53035	38.353	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	53035	82.905	ug/l #	11

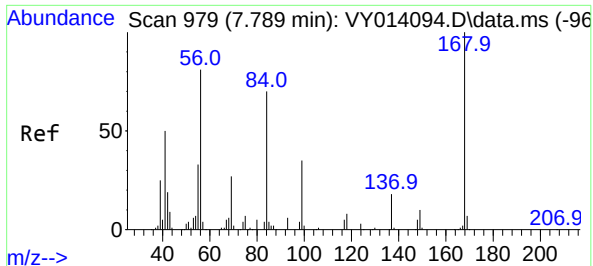
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

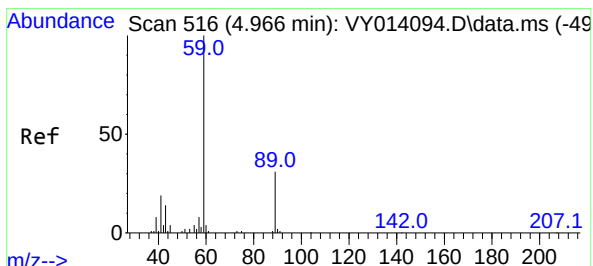
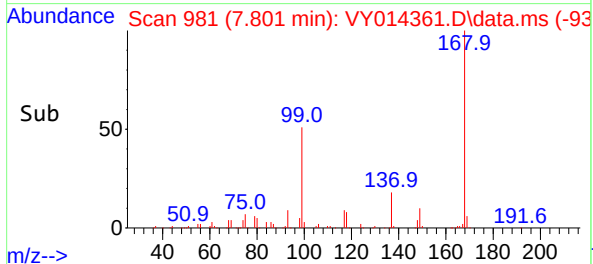
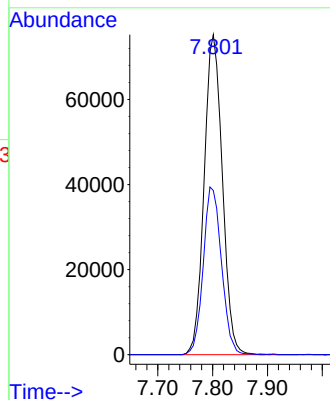
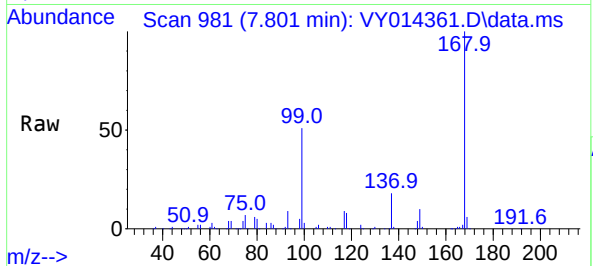




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

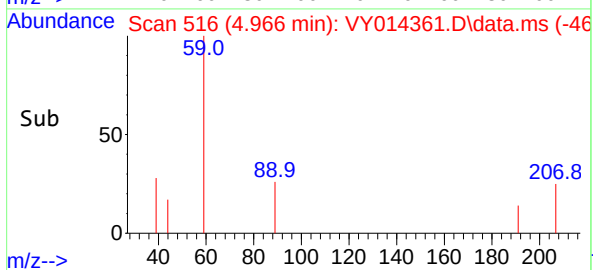
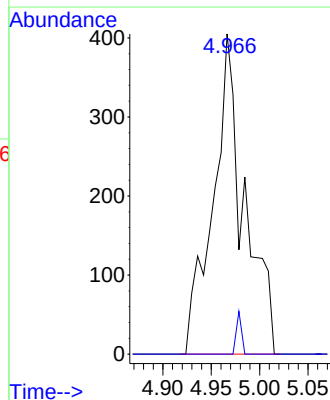
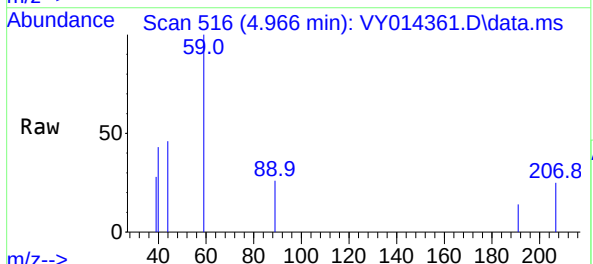
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC03-GRAB-7

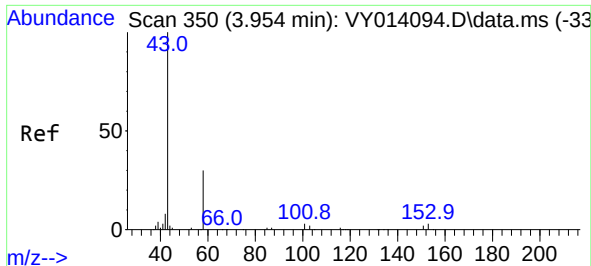
Tgt Ion:168 Resp: 173316
Ion Ratio Lower Upper
168 100
99 51.3 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

Tgt Ion: 59 Resp: 908
Ion Ratio Lower Upper
59 100
57 2.2 3.0 4.4#

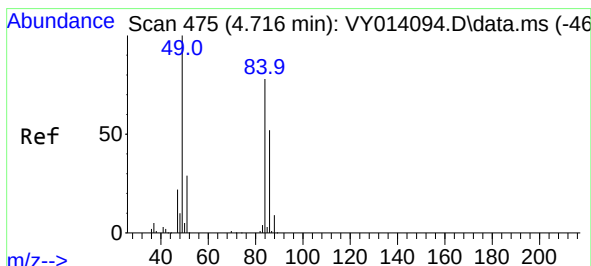
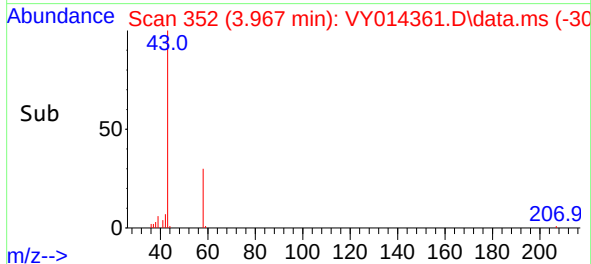
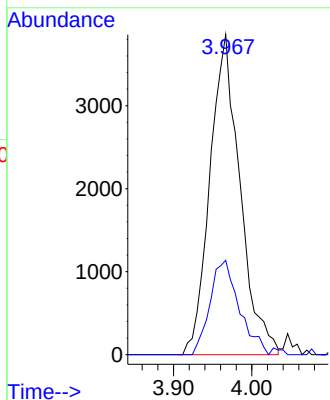
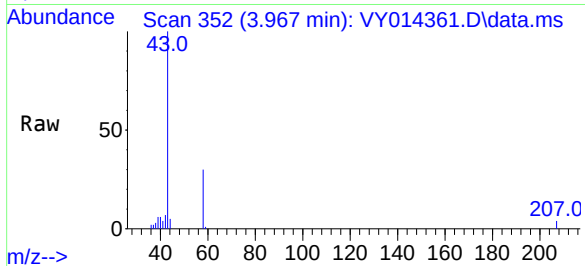




#16
Acetone
Concen: 14.160 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.013 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

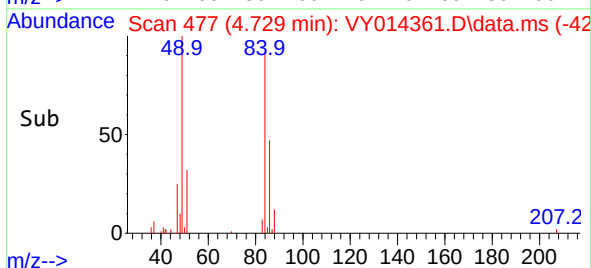
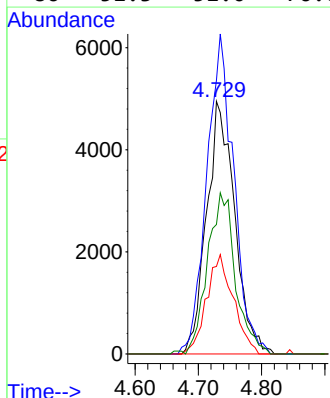
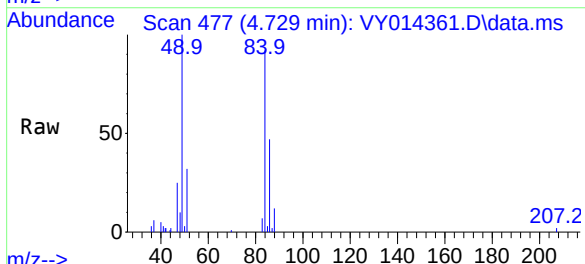
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC03-GRAB-7

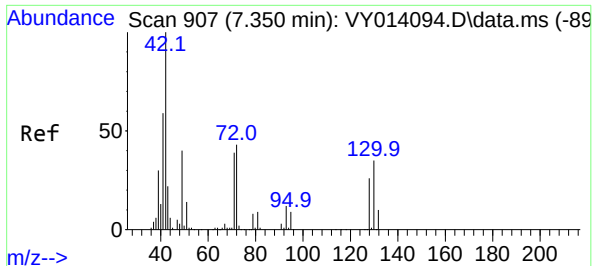
Tgt Ion: 43 Resp: 10301
Ion Ratio Lower Upper
43 100
58 29.5 22.7 34.1



#20
Methylene Chloride
Concen: 3.200 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

Tgt Ion: 84 Resp: 15227
Ion Ratio Lower Upper
84 100
49 108.3 106.9 160.3
51 34.7 33.2 49.8
86 51.3 51.0 76.6





#29

Tetrahydrofuran

Concen: 6.389 ug/l

RT: 7.368 min Scan# 91

Delta R.T. 0.018 min

Lab File: VY014361.D

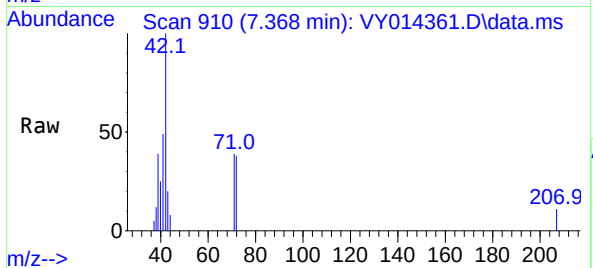
Acq: 22 Jun 2023 04:57

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-MC03-GRAB-7



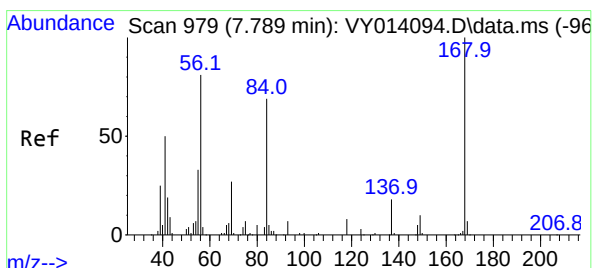
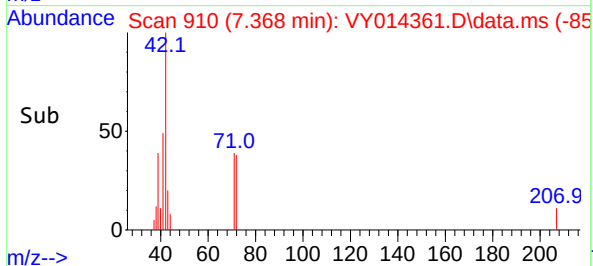
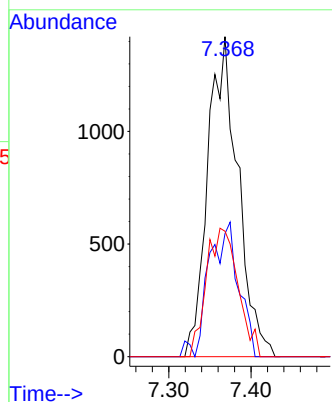
Tgt Ion: 42 Resp: 3628

Ion Ratio Lower Upper

42 100

72 41.4 32.8 49.2

71 42.0 31.0 46.4



#31

Cyclohexane

Concen: 1.139 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY014361.D

Acq: 22 Jun 2023 04:57

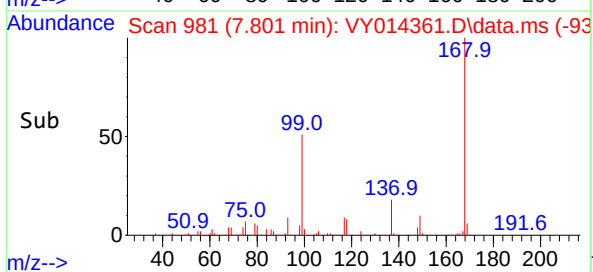
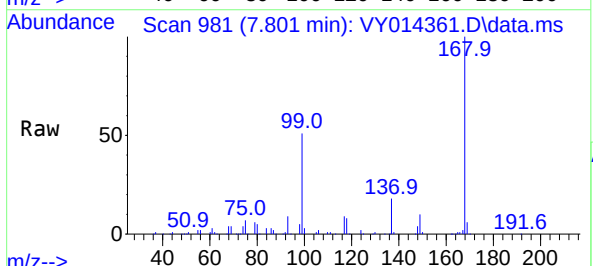
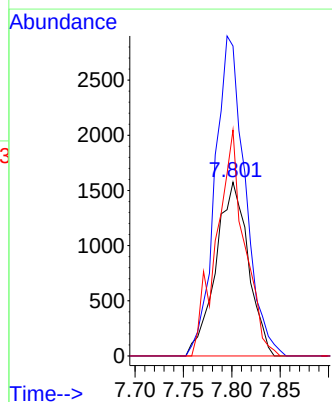
Tgt Ion: 56 Resp: 3682

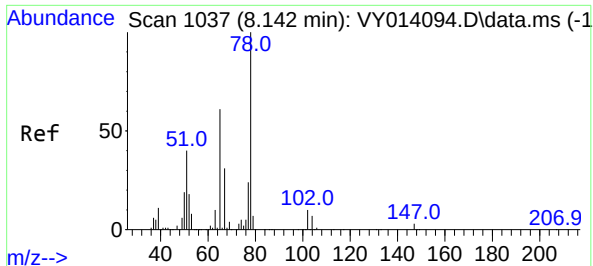
Ion Ratio Lower Upper

56 100

69 178.3 27.8 41.6#

84 130.0 66.4 99.6#

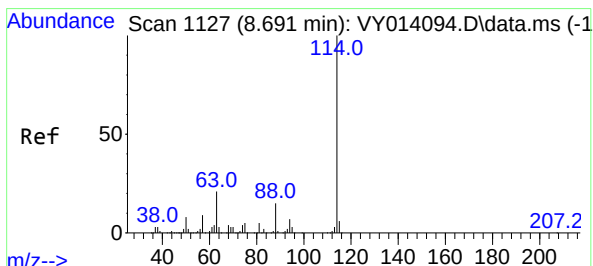
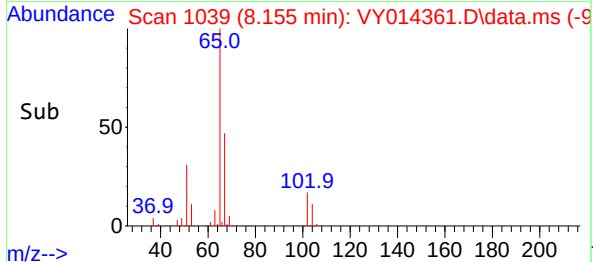
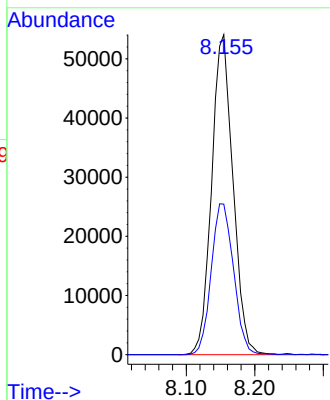
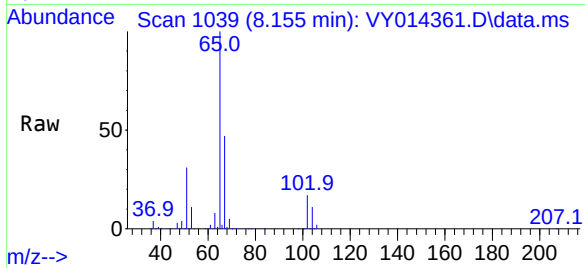




#33
1,2-Dichloroethane-d4
Concen: 48.422 ug/l
RT: 8.155 min Scan# 1037
Delta R.T. 0.013 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

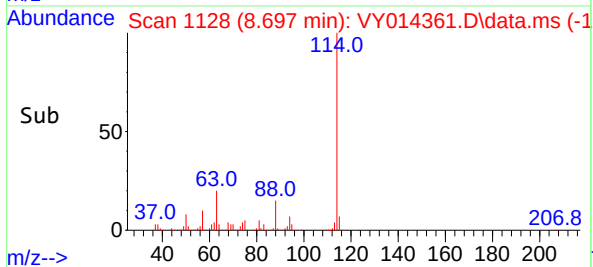
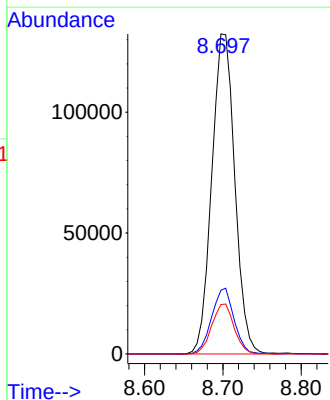
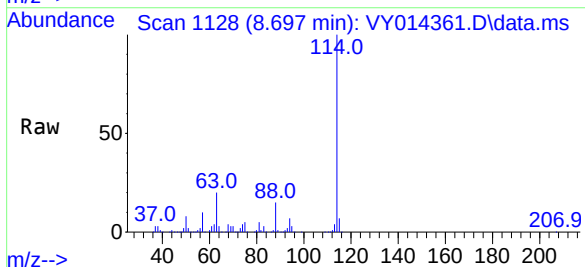
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC03-GRAB-7

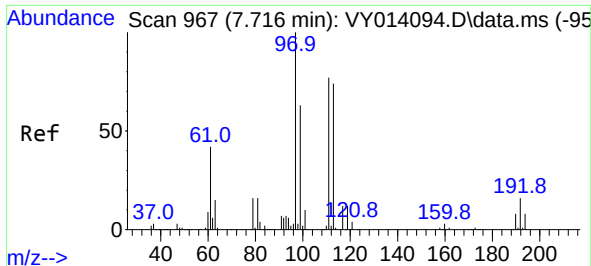
Tgt Ion: 65 Resp: 116864
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

Tgt Ion: 114 Resp: 270628
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 15.4 0.0 30.6

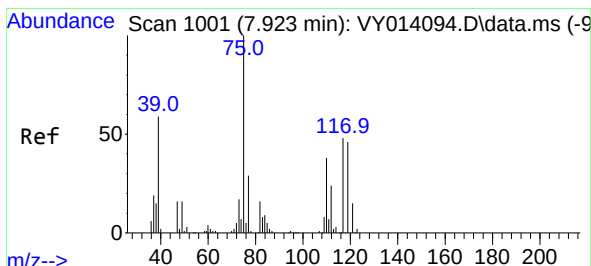
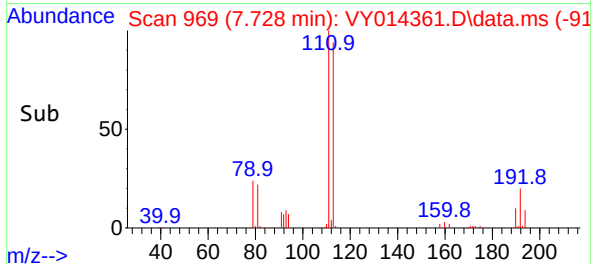
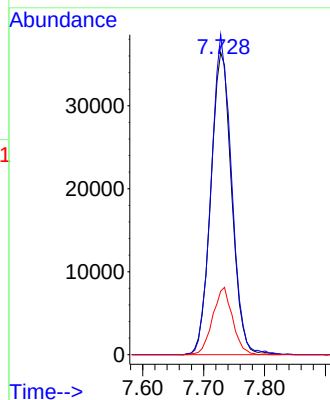
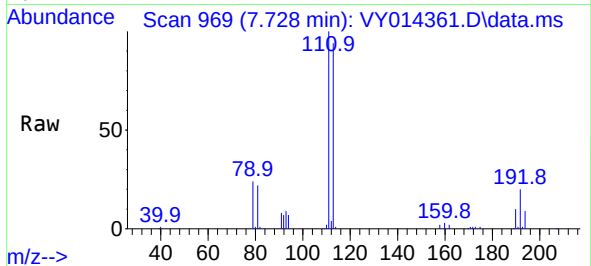




#35
Dibromofluoromethane
Concen: 45.039 ug/l
RT: 7.728 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

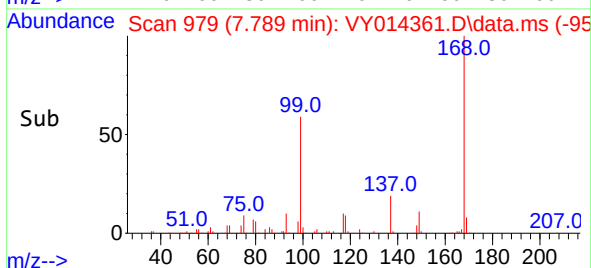
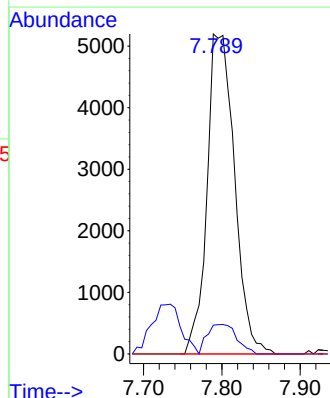
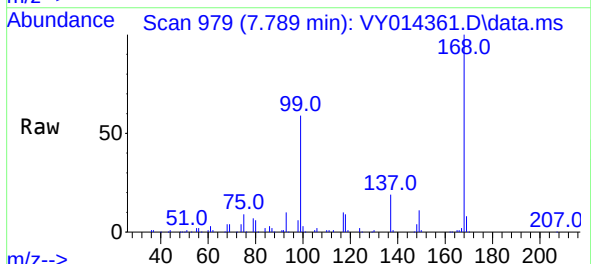
Instrument :
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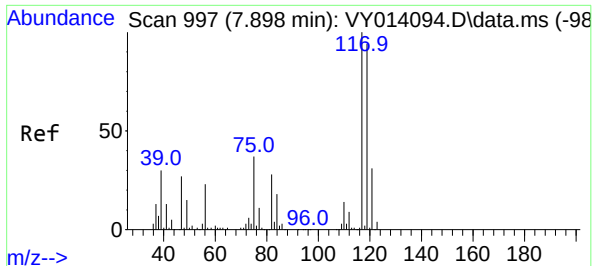
Tgt Ion:113 Resp: 86440
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 21.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.242 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

Tgt Ion: 75 Resp: 12693
Ion Ratio Lower Upper
75 100
110 9.9 17.8 53.5#
77 0.0 24.4 36.6#

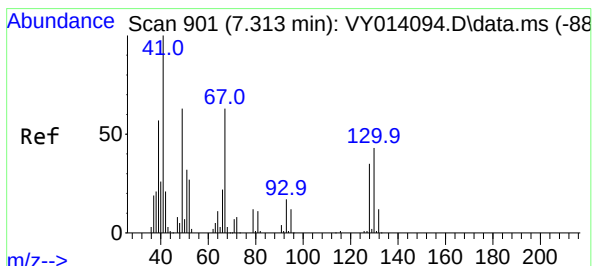
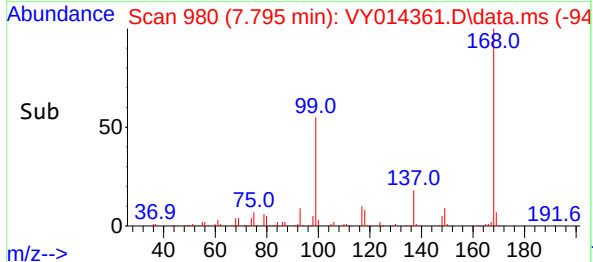
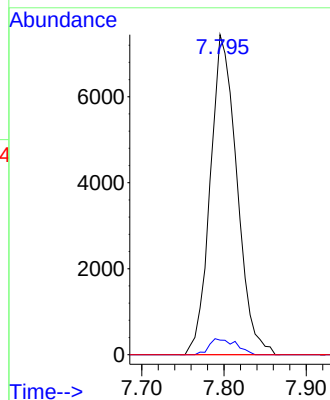
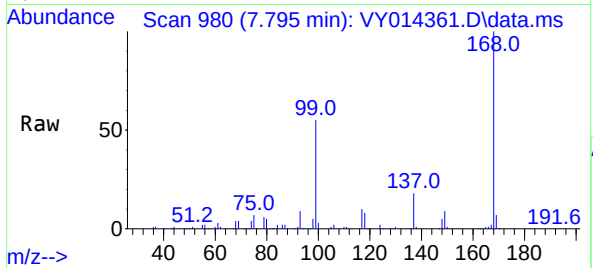




#38
Carbon Tetrachloride
Concen: 4.851 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

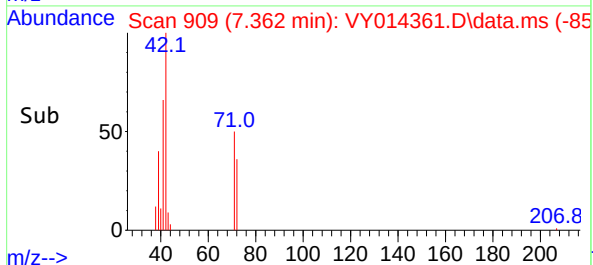
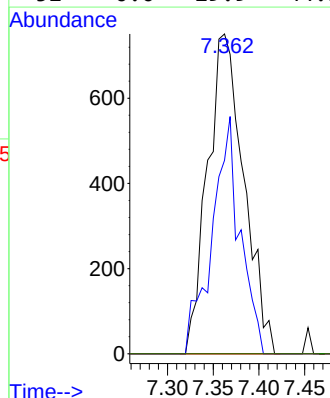
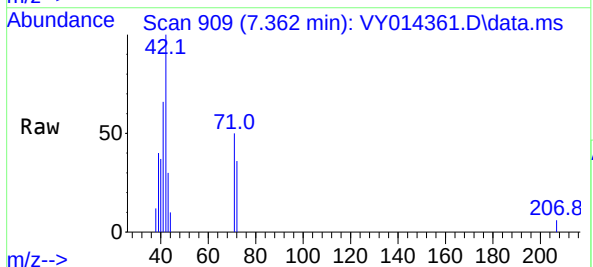
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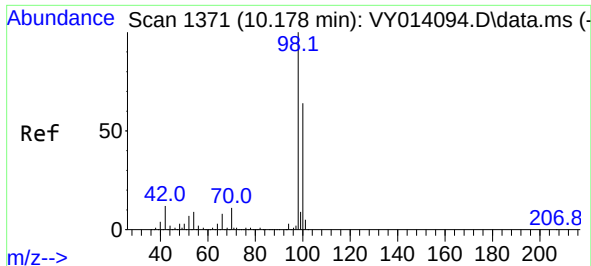
Tgt Ion:117 Resp: 16751
Ion Ratio Lower Upper
117 100
119 4.5 76.4 114.6#
121 0.0 25.8 38.6#



#41
Methacrylonitrile
Concen: 1.971 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.049 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

Tgt Ion: 41 Resp: 2077
Ion Ratio Lower Upper
41 100
39 57.2 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#

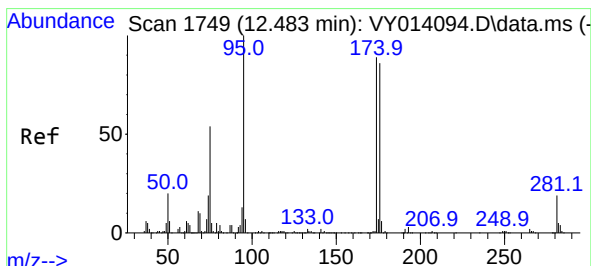
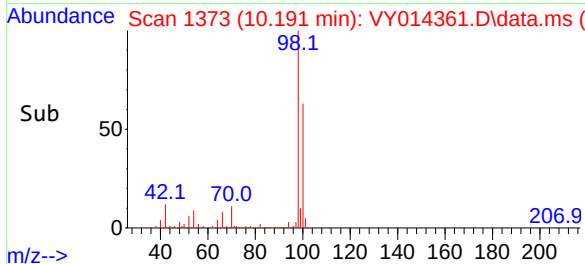
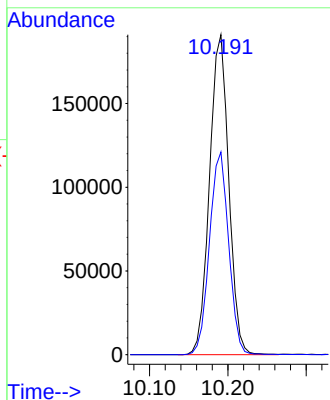
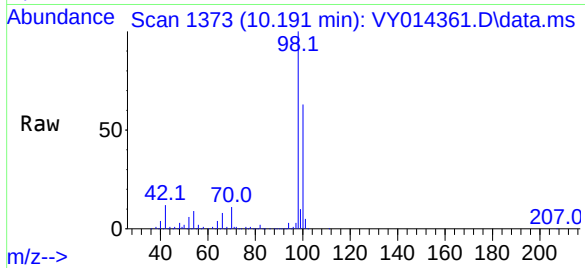




#50
Toluene-d8
Concen: 45.376 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

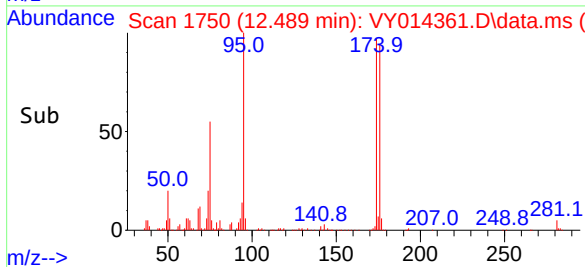
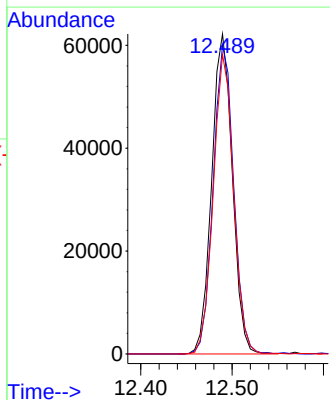
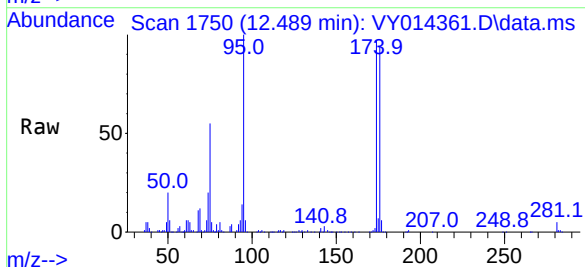
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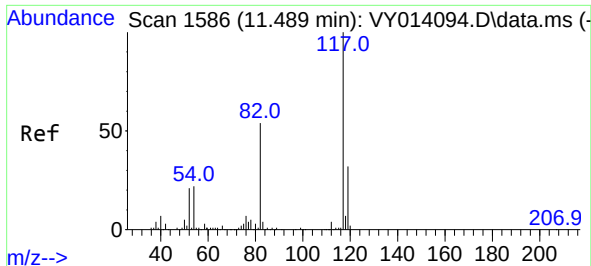
Tgt Ion: 98 Resp: 325581
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 38.377 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

Tgt Ion: 95 Resp: 97818
Ion Ratio Lower Upper
95 100
174 95.8 0.0 178.2
176 92.0 0.0 173.8

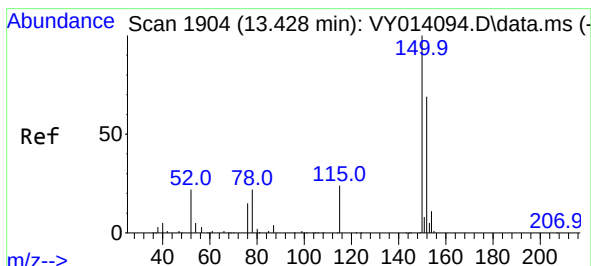
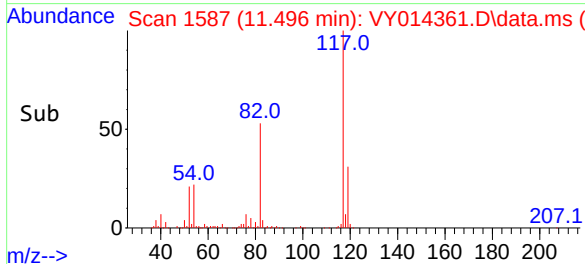
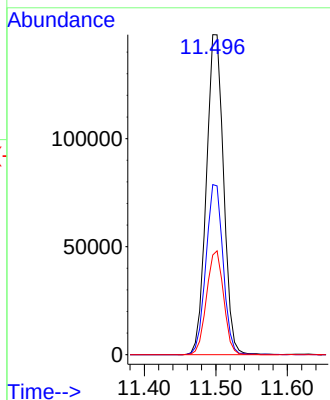
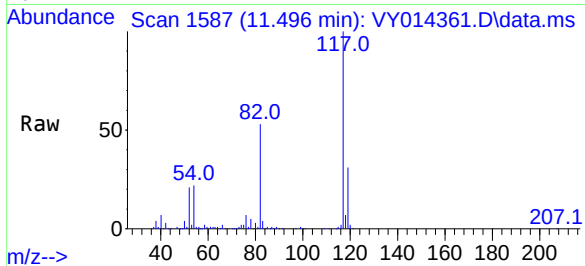




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

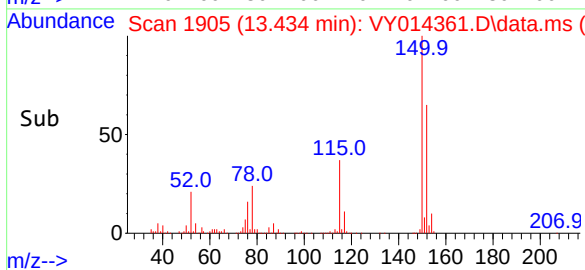
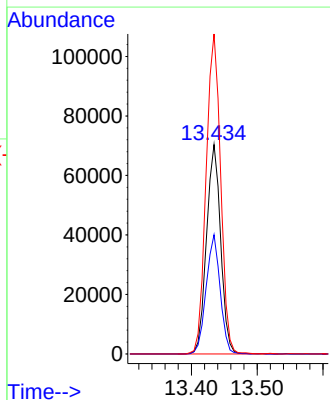
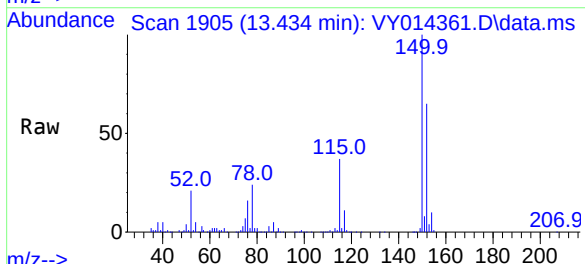
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC03-GRAB-7

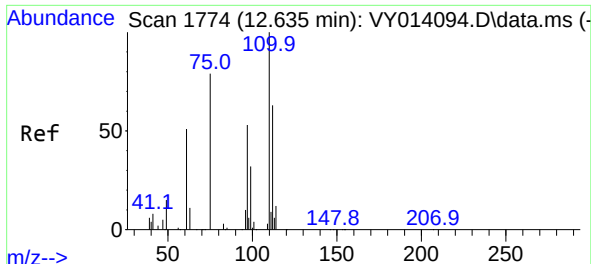
Tgt Ion:	117	Resp:	247631
Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.4	65.0
119	31.2	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

Tgt Ion:	152	Resp:	105398
Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.8	86.5
150	157.0	0.0	348.8

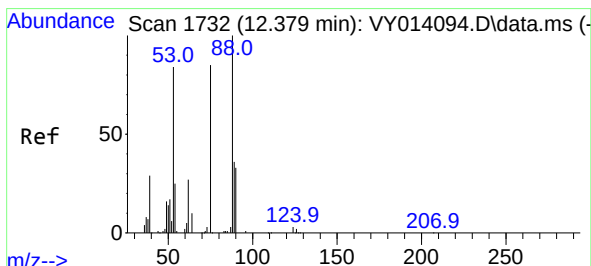
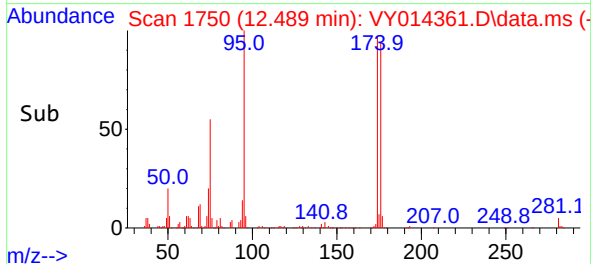
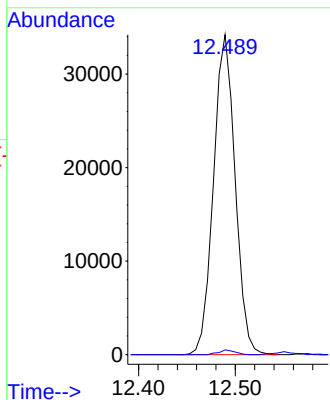
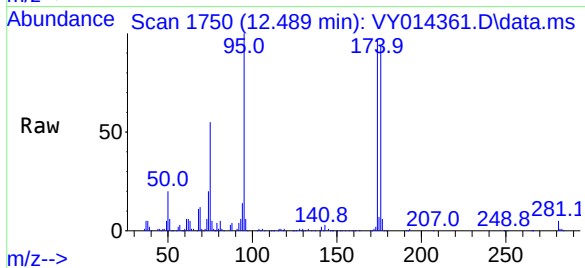




#76
1,2,3-Trichloropropane
Concen: 38.353 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC03-GRAB-7

Tgt Ion: 75 Resp: 53035
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.905 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY014361.D
Acq: 22 Jun 2023 04:57

Tgt Ion: 75 Resp: 53035
Ion Ratio Lower Upper
75 100
53 0.4 77.8 116.8#
89 0.0 37.4 56.0#

