

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
 Data File : VY011429.D
 Acq On : 11 Nov 2022 19:11
 Operator : KP/MD
 Sample : N5575-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-1-111022

Quant Time: Nov 14 05:54:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

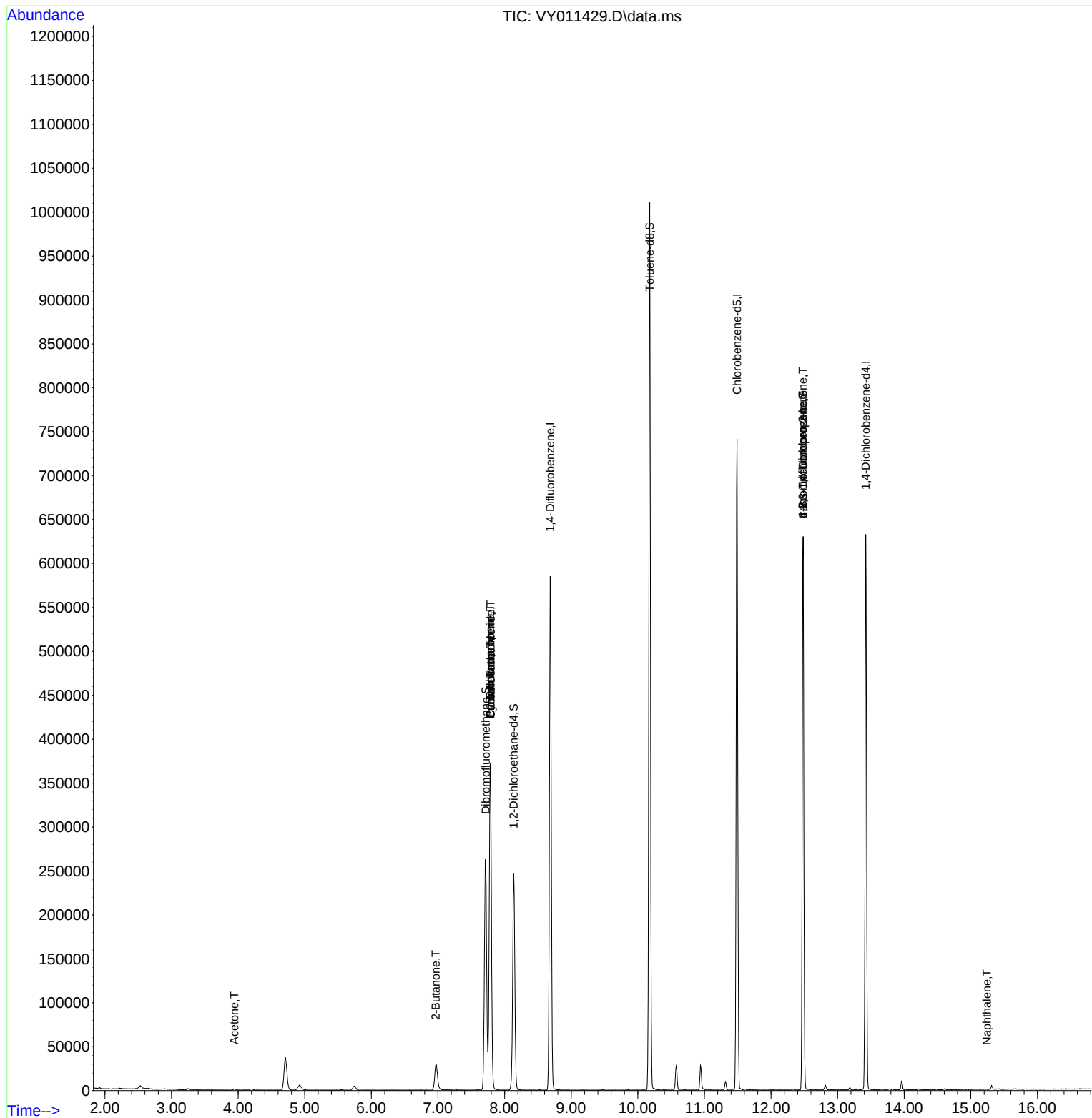
Internal Standards						
1) Pentafluorobenzene	7.789	168	305854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	523322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	433891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	171423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	189395	73.897	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.800%	
35) Dibromofluoromethane	7.716	113	189728	64.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.380%	
50) Toluene-d8	10.179	98	666012	59.443	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.880%	
62) 4-Bromofluorobenzene	12.477	95	196662	50.324	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.640%	
Target Compounds						
2) Dichlorodifluoromethane	1.900	85	304	Below Cal	Qvalue 80	
11) Tert butyl alcohol	4.924	59	5435	Below Cal	#	77
16) Acetone	3.942	43	2026	2.996	ug/l	91
18) Methyl Acetate	4.491	43	27	Below Cal	#	56
25) 2-Butanone	6.966	43	1447	1.502	ug/l	100
31) Cyclohexane	7.789	56	4802	1.043	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	21538	4.732	ug/l #	51
38) Carbon Tetrachloride	7.789	117	28971	5.851	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	95019	47.886	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	95019	115.104	ug/l #	7
95) Naphthalene	15.239	128	173	3.300	ug/l #	69

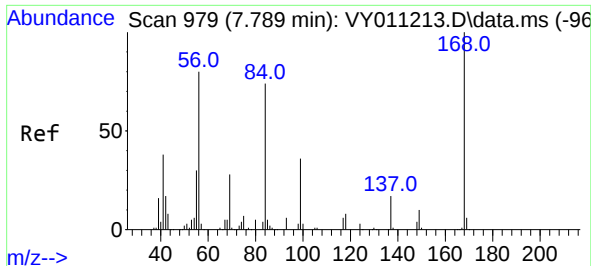
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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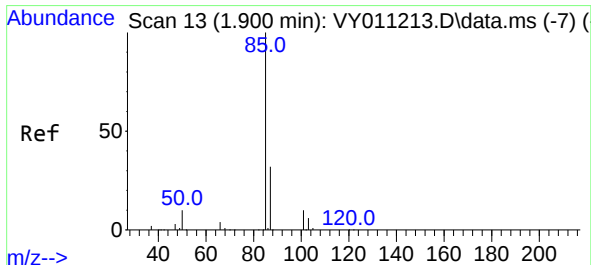
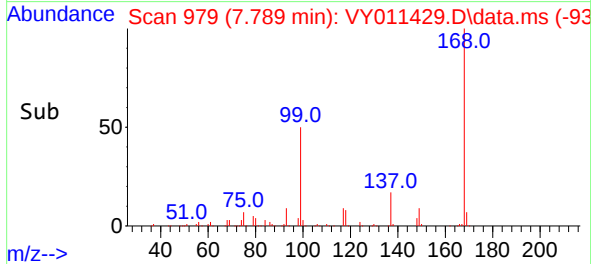
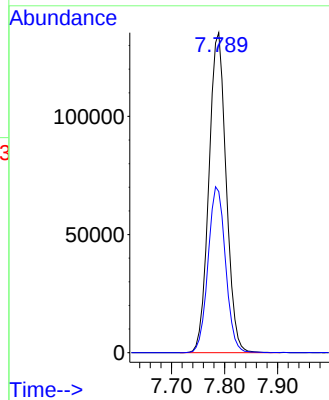
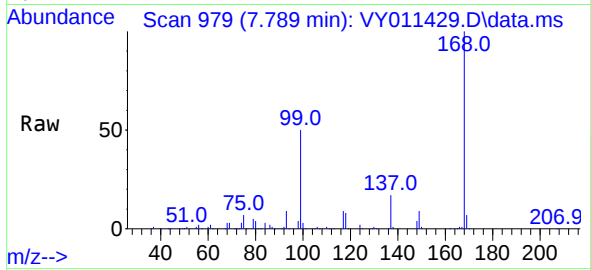




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

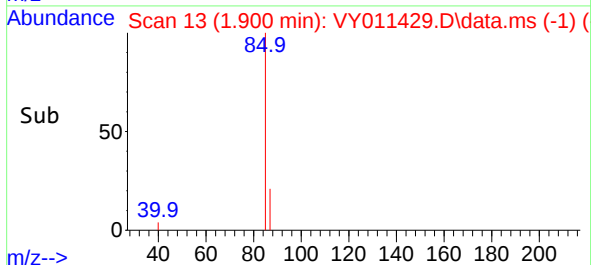
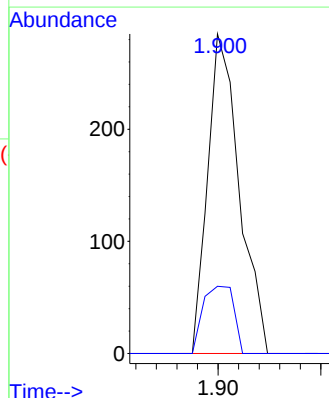
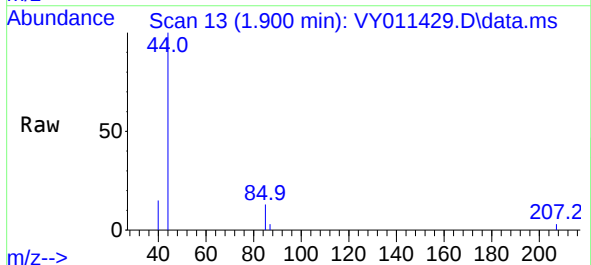
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-111022

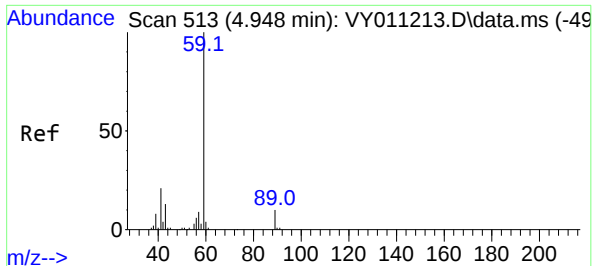
Tgt Ion:168 Resp: 305854
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

Tgt Ion: 85 Resp: 304
Ion Ratio Lower Upper
85 100
87 21.1 16.1 48.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.924 min Scan# 509

Delta R.T. -0.030 min

Lab File: VY011429.D

Acq: 11 Nov 2022 19:11

Instrument :

MSVOA_Y

ClientSampleId :

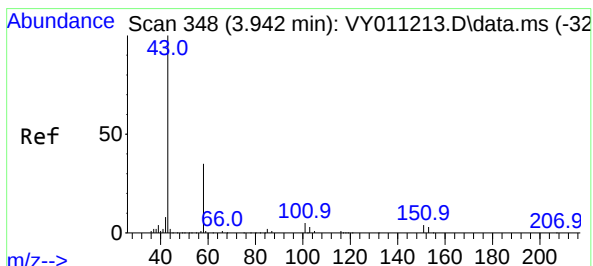
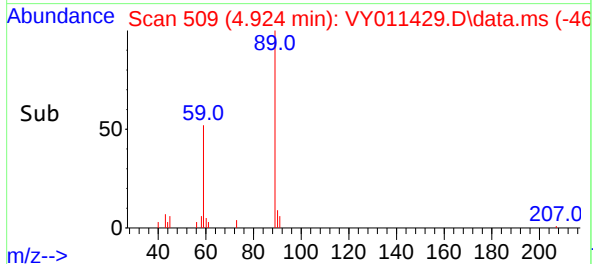
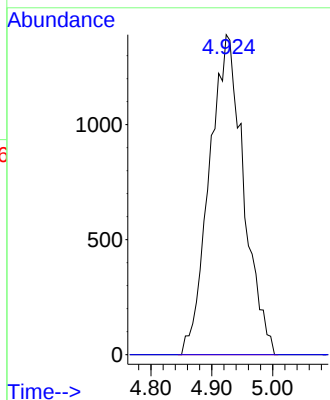
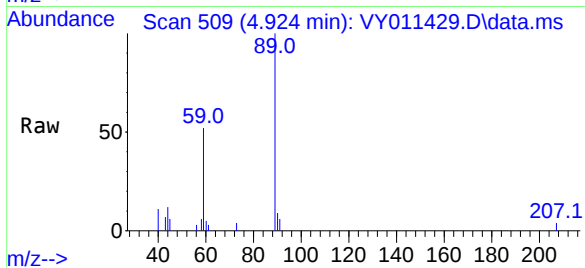
OK-1-111022

Tgt Ion: 59 Resp: 5435

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.996 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY011429.D

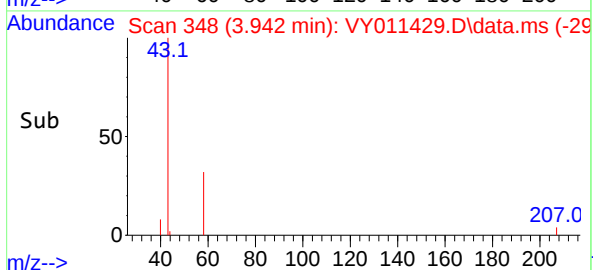
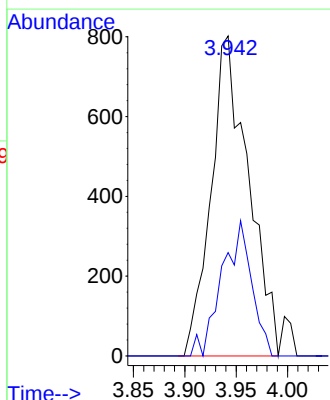
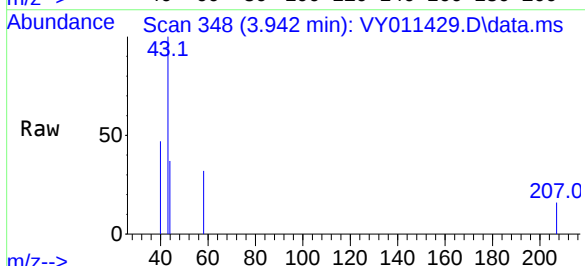
Acq: 11 Nov 2022 19:11

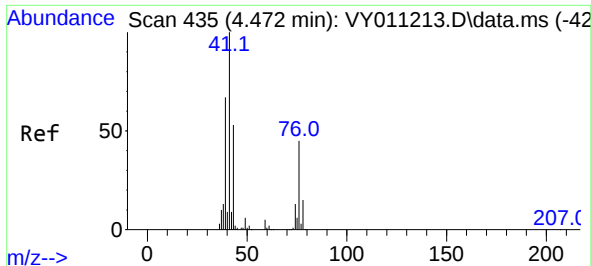
Tgt Ion: 43 Resp: 2026

Ion Ratio Lower Upper

43 100

58 32.3 22.0 33.0

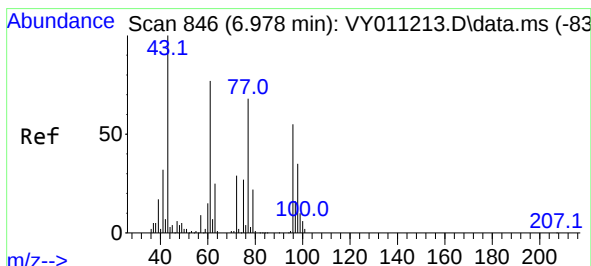
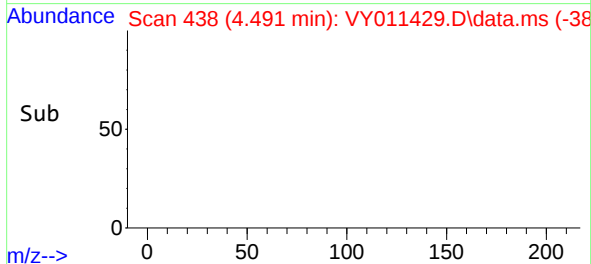
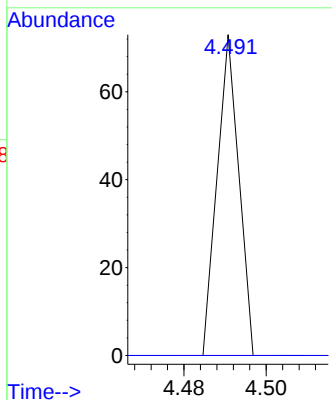
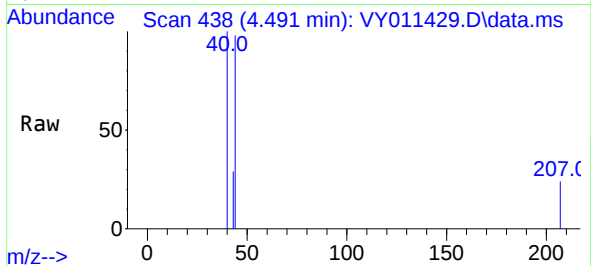




#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

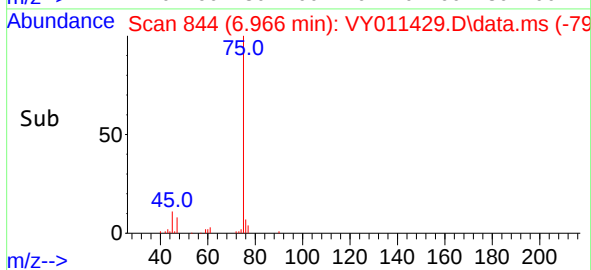
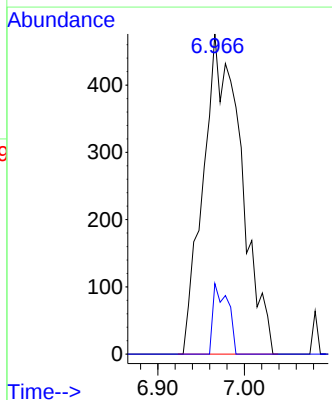
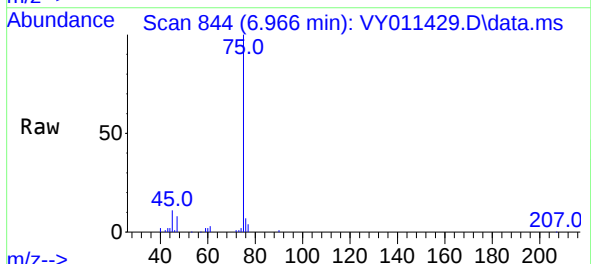
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-111022

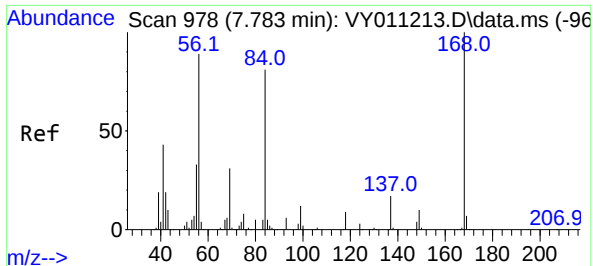
Tgt Ion: 43 Resp: 27
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 1.502 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

Tgt Ion: 43 Resp: 1447
Ion Ratio Lower Upper
43 100
72 22.1 17.7 26.5

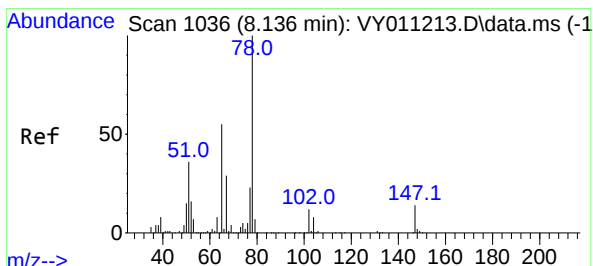
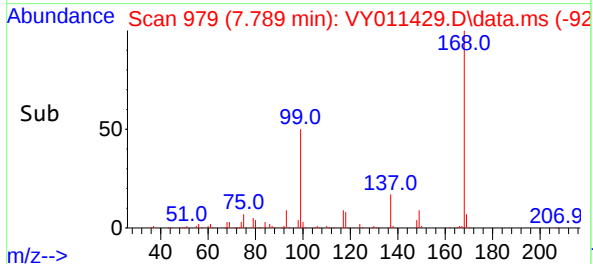
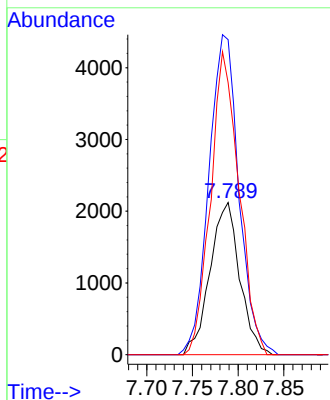
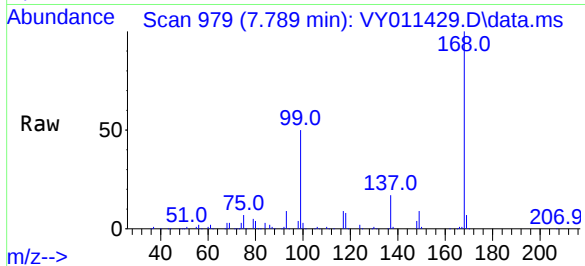




#31
Cyclohexane
Concen: 1.043 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

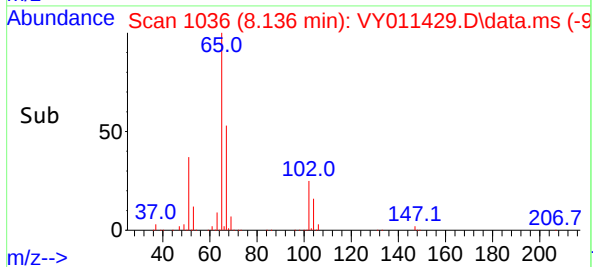
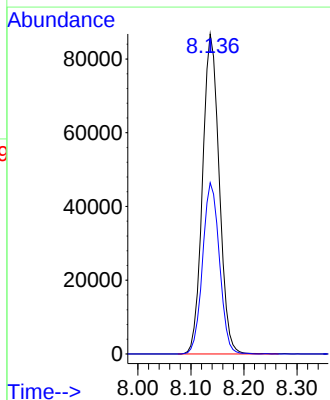
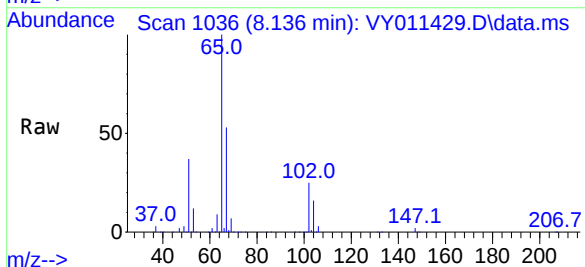
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-111022

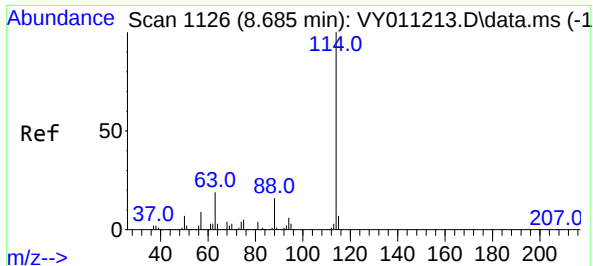
Tgt Ion: 56 Resp: 4802
Ion Ratio Lower Upper
56 100
69 207.0 26.7 40.1#
84 178.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 73.897 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

Tgt Ion: 65 Resp: 189395
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4

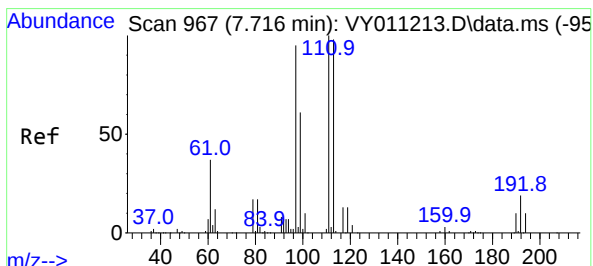
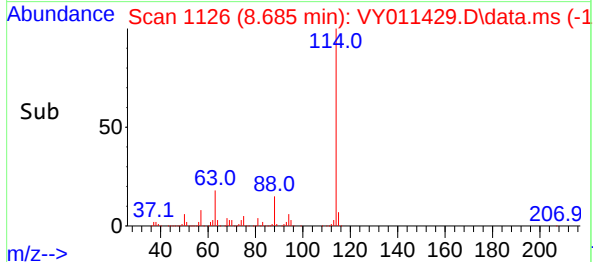
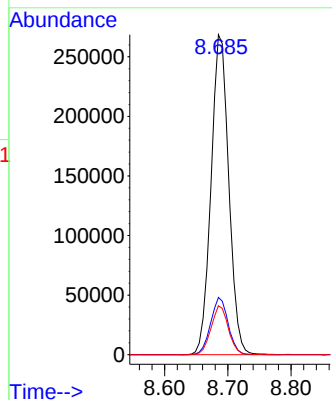
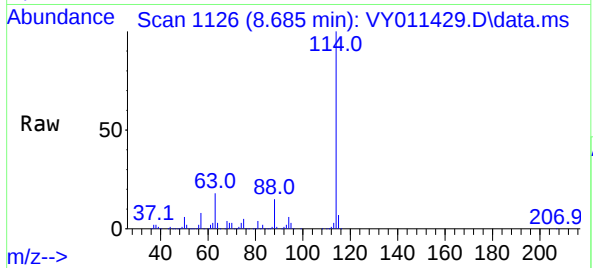




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

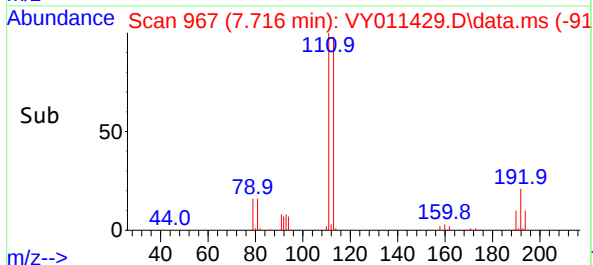
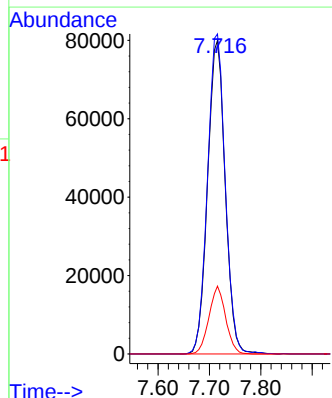
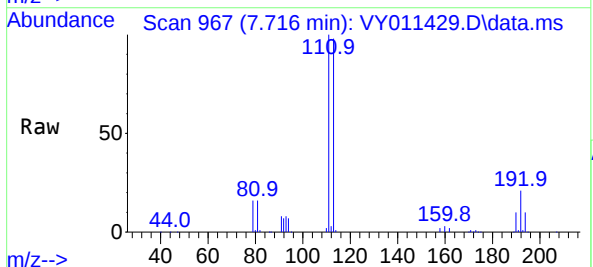
Instrument :
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ClientSampleId :
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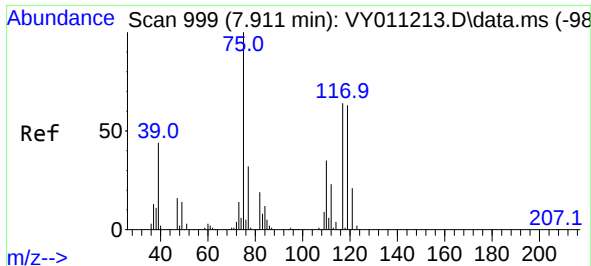
Tgt Ion:114 Resp: 523322
Ion Ratio Lower Upper
114 100
63 17.9 0.0 43.2
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 64.691 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

Tgt Ion:113 Resp: 189728
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 20.5 17.6 26.4

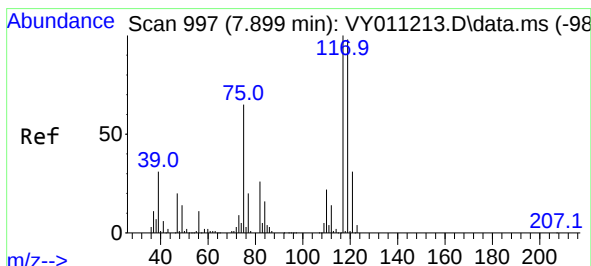
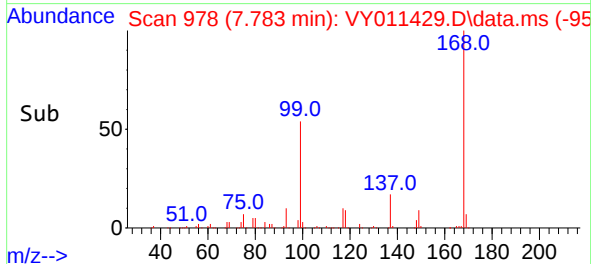
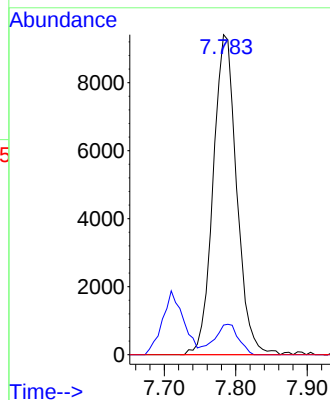
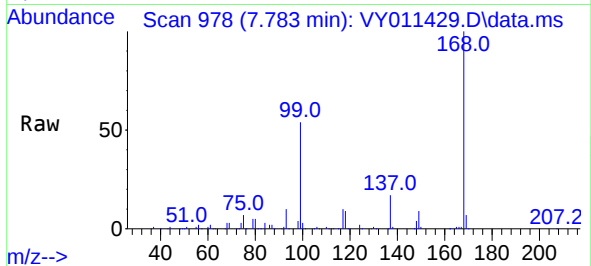




#36
1,1-Dichloropropene
Concen: 4.732 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

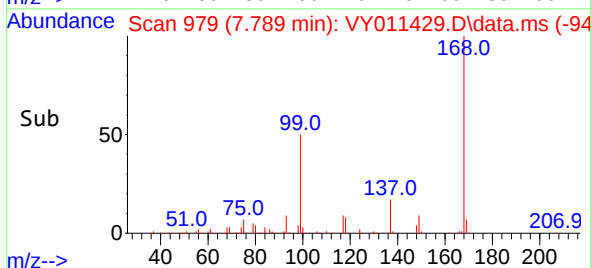
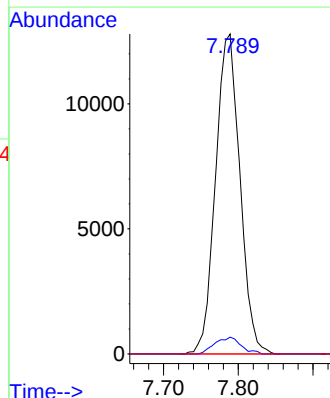
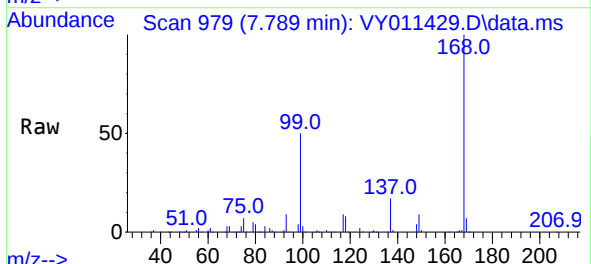
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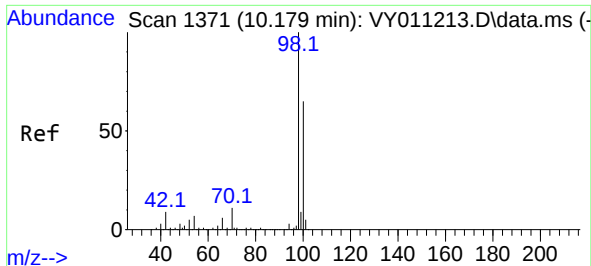
Tgt Ion: 75 Resp: 21538
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.851 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

Tgt Ion: 117 Resp: 28971
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#

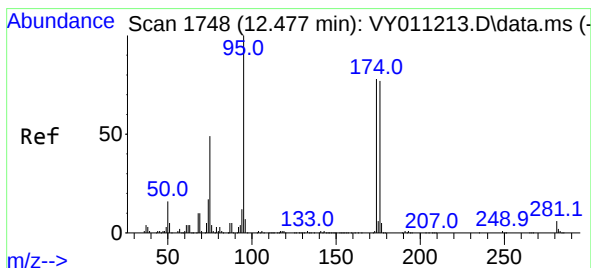
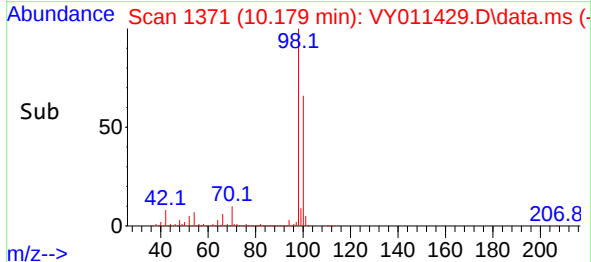
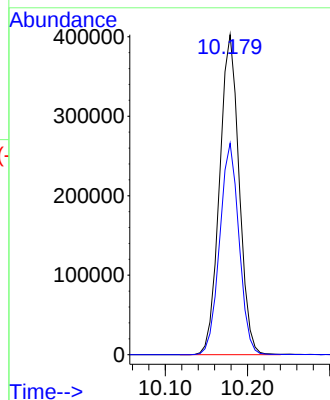
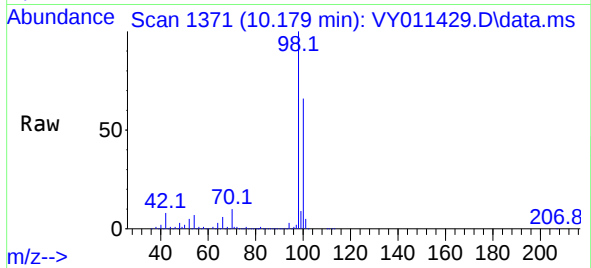




#50
Toluene-d8
Concen: 59.443 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

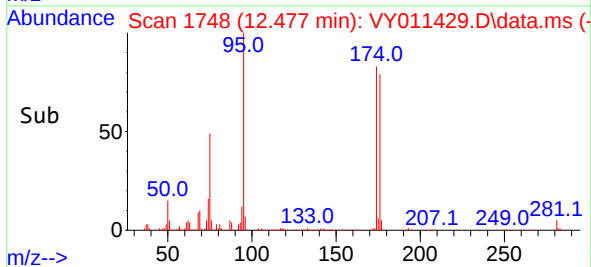
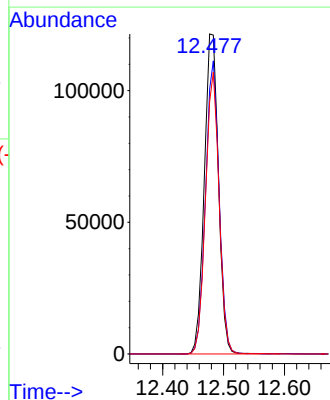
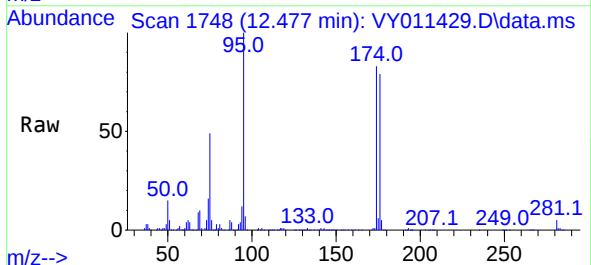
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-111022

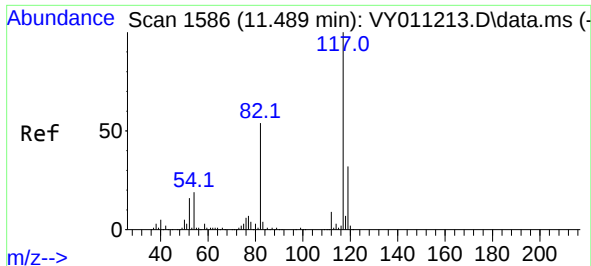
Tgt Ion: 98 Resp: 666012
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.324 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

Tgt Ion: 95 Resp: 196662
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 84.5 0.0 175.8

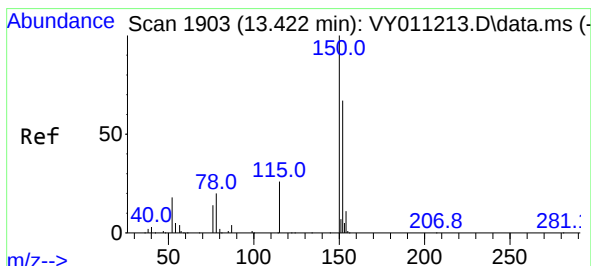
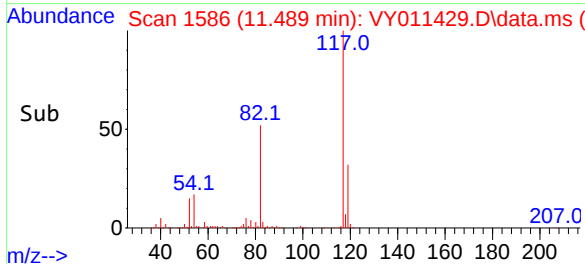
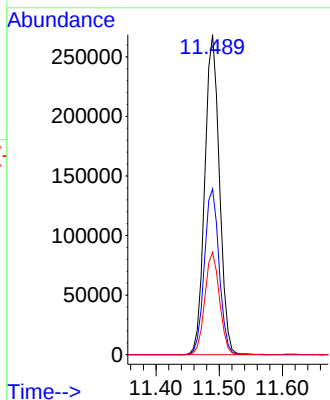
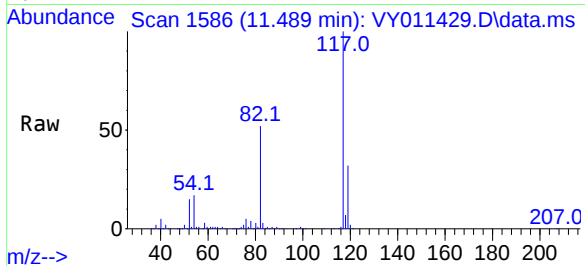




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

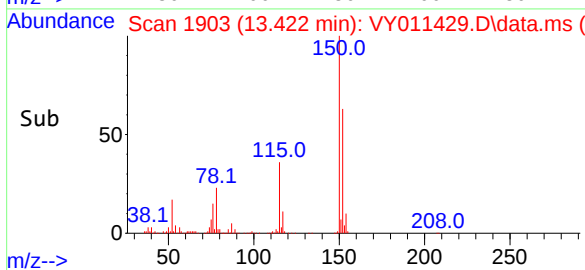
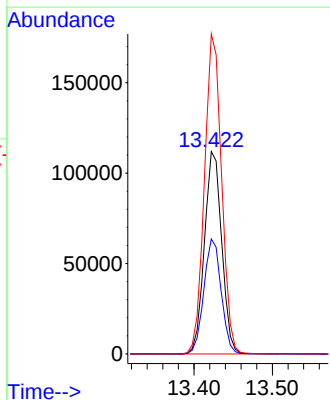
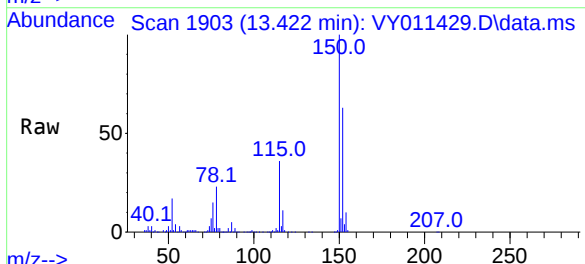
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-111022

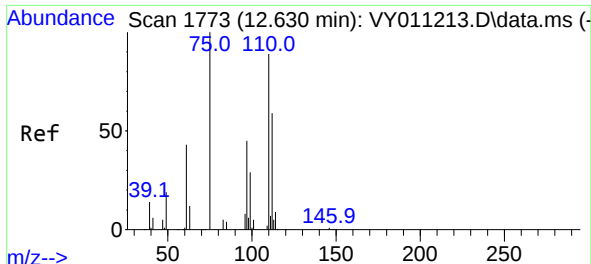
Tgt Ion:117 Resp: 433891
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

Tgt Ion:152 Resp: 171423
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 156.7 0.0 347.6

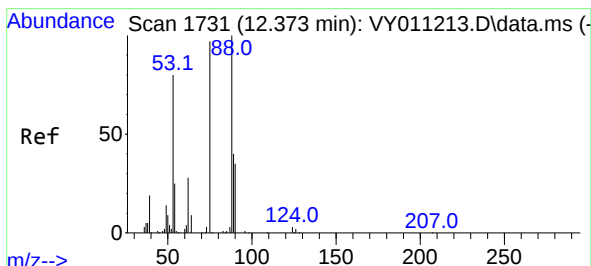
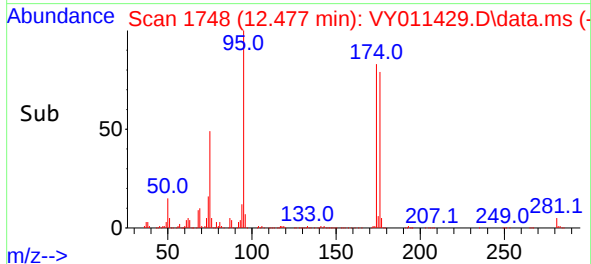
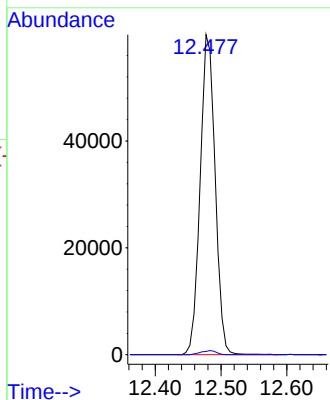
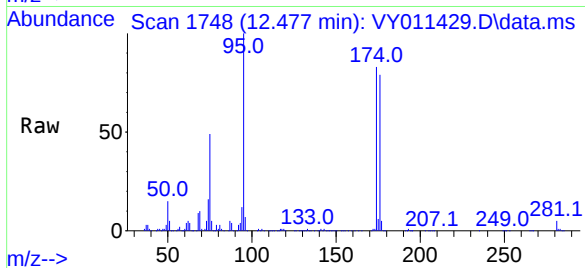




#76
1,2,3-Trichloropropane
Concen: 47.886 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

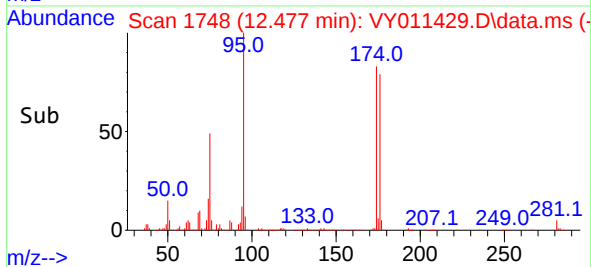
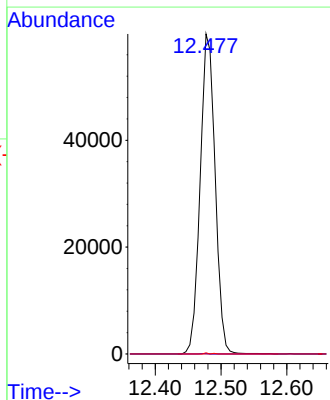
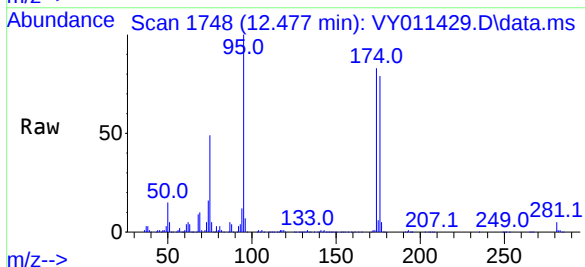
Instrument :
MSVOA_Y
ClientSampleId :
OK-1-111022

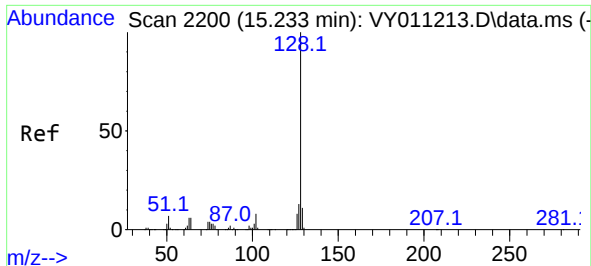
Tgt Ion: 75 Resp: 95019
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.104 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

Tgt Ion: 75 Resp: 95019
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#





#95
Naphthalene
Concen: 3.300 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY011429.D
Acq: 11 Nov 2022 19:11

Instrument :
MSVOA_Y
ClientSampleId :
OK-1-111022

Tgt Ion:	128	Resp:	173
Ion	Ratio	Lower	Upper
128	100		
127	0.0	11.0	16.4#
129	0.0	8.4	12.6#

