

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010321.D
 Acq On : 03 Sep 2022 15:35
 Operator : KP/MD
 Sample : N4419-08
 Misc : 3.31g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 KTS2-TR-02-10-11

Quant Time: Sep 05 04:20:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

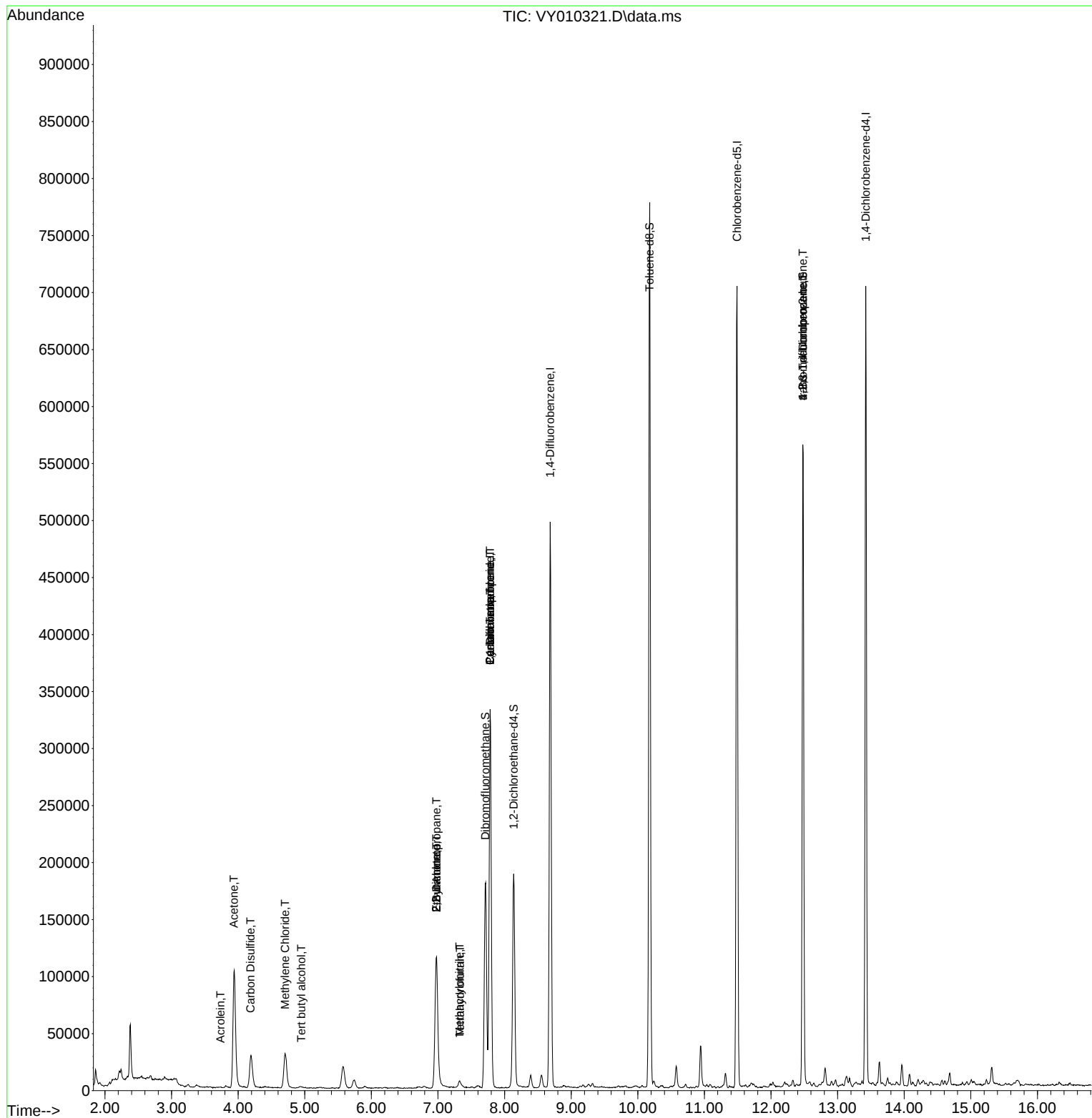
Internal Standards						
1) Pentafluorobenzene	7.783	168	257324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	427995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	395822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	179490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143313	54.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.620%	
35) Dibromofluoromethane	7.710	113	131023	45.985	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.980%	
50) Toluene-d8	10.179	98	512018	53.675	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.340%	
62) 4-Bromofluorobenzene	12.477	95	173556	44.769	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.540%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	627	Below Cal	#	57
11) Tert butyl alcohol	4.948	59	2122	6.722	ug/l #	86
13) Acrolein	3.735	56	516	1.544	ug/l #	81
16) Acetone	3.936	43	183150	277.665	ug/l	94
17) Carbon Disulfide	4.186	76	29334	3.760	ug/l	98
20) Methylene Chloride	4.704	84	23862	7.496	ug/l	85
25) 2-Butanone	6.978	43	79362	73.313	ug/l	91
26) 2,2-Dichloropropane	6.978	77	5866	1.220	ug/l #	55
29) Tetrahydrofuran	7.332	42	1041	1.501	ug/l #	83
31) Cyclohexane	7.783	56	5506	1.070	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	18589	4.447	ug/l #	51
37) Ethyl Acetate	6.978	43	79362	33.111	ug/l #	79
38) Carbon Tetrachloride	7.783	117	24628	5.716	ug/l #	16
41) Methacrylonitrile	7.326	41	1841	1.362	ug/l #	36
76) 1,2,3-Trichloropropane	12.477	75	89821	42.051	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	89821	87.723	ug/l #	7

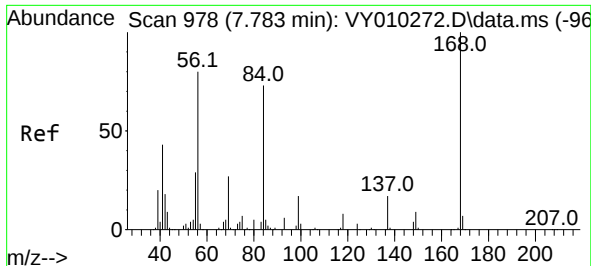
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
Data File : VY010321.D
Acq On : 03 Sep 2022 15:35
Operator : KP/MD
Sample : N4419-08
Misc : 3.31g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-10-11

Quant Time: Sep 05 04:20:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 16:41:46 2022
Response via : Initial Calibration

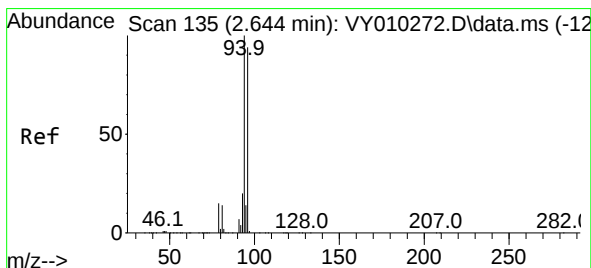
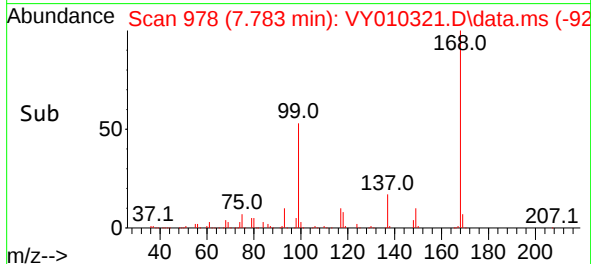
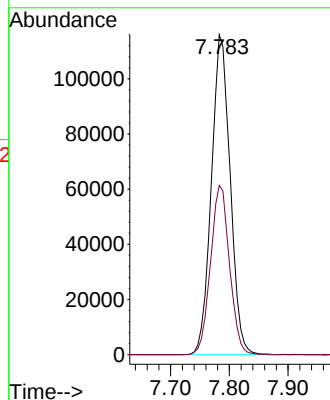
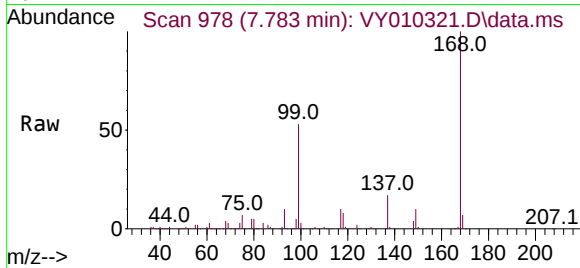




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

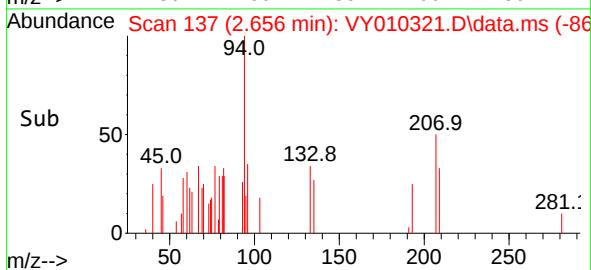
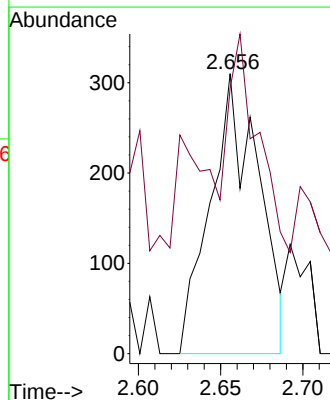
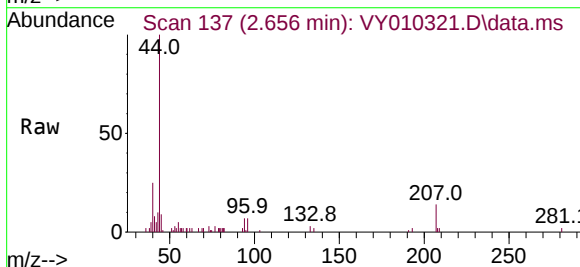
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-10-11

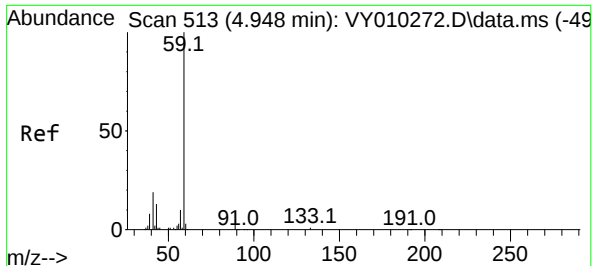
Tgt Ion:168 Resp: 257324
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.012 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Tgt Ion: 94 Resp: 627
Ion Ratio Lower Upper
94 100
96 51.3 73.5 110.3#





#11

Tert butyl alcohol

Concen: 6.722 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY010321.D

Acq: 03 Sep 2022 15:35

Instrument :

MSVOA_Y

ClientSampleId :

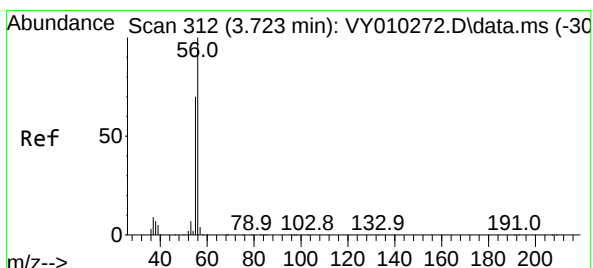
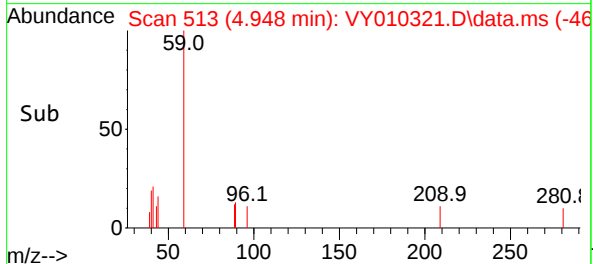
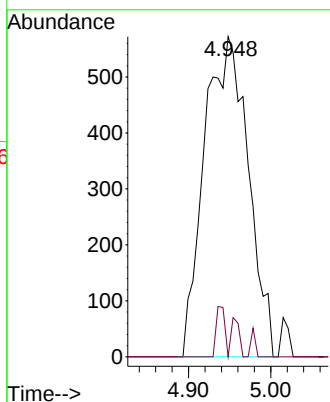
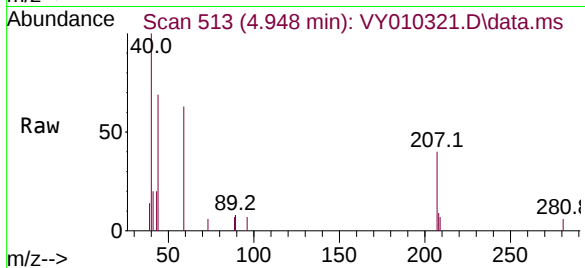
KTS2-TR-02-10-11

Tgt Ion: 59 Resp: 2122

Ion Ratio Lower Upper

59 100

57 3.1 6.4 9.6#



#13

Acrolein

Concen: 1.544 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY010321.D

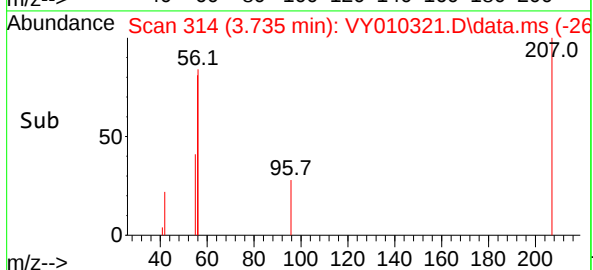
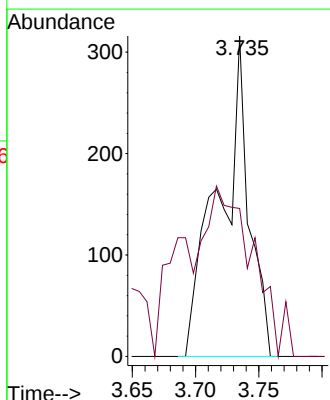
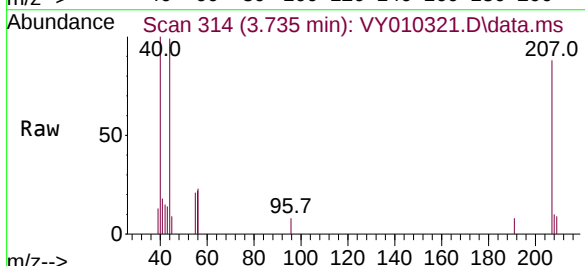
Acq: 03 Sep 2022 15:35

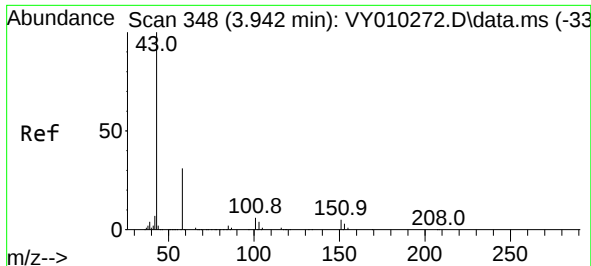
Tgt Ion: 56 Resp: 516

Ion Ratio Lower Upper

56 100

55 88.0 57.6 86.4#

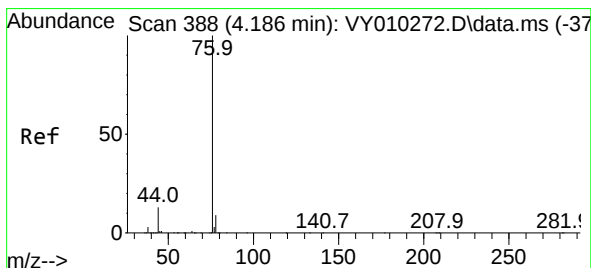
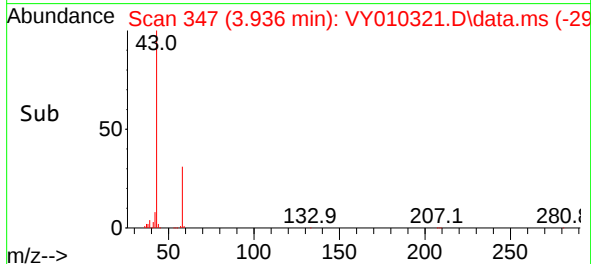
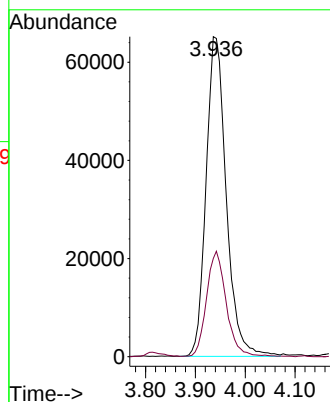
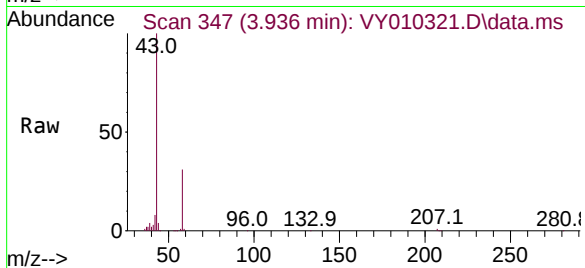




#16
Acetone
Concen: 277.665 ug/l
RT: 3.936 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

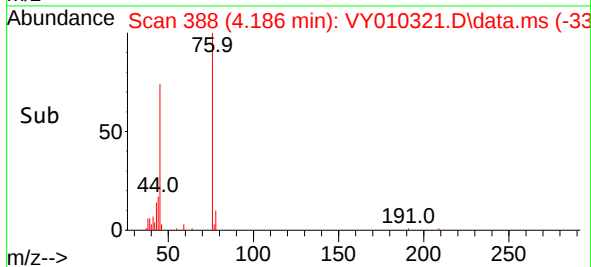
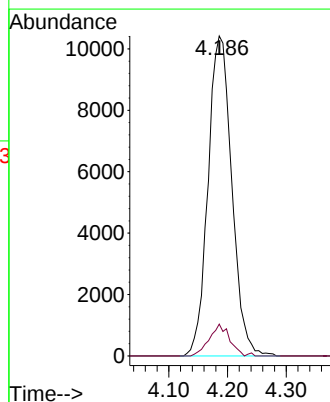
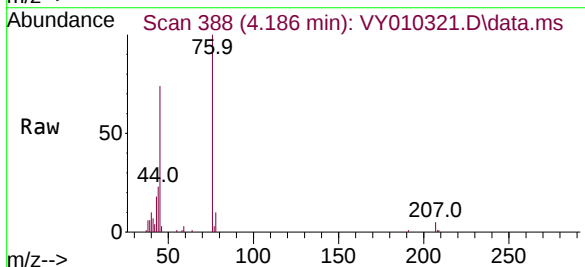
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-10-11

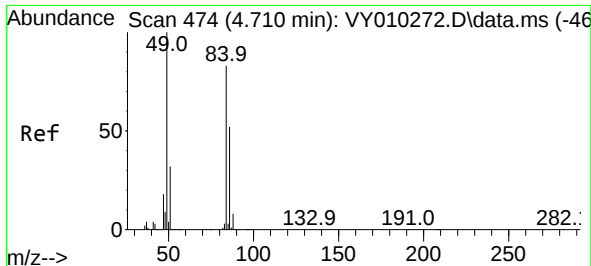
Tgt Ion: 43 Resp: 183150
Ion Ratio Lower Upper
43 100
58 30.6 22.0 33.0



#17
Carbon Disulfide
Concen: 3.760 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Tgt Ion: 76 Resp: 29334
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



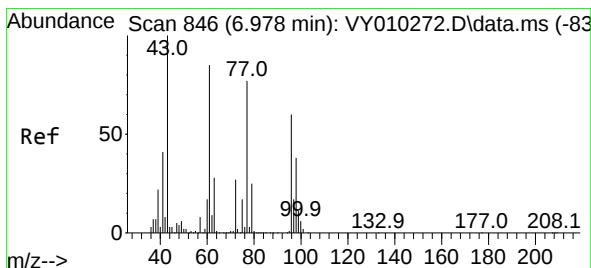
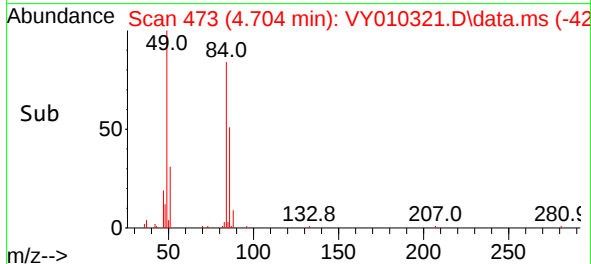
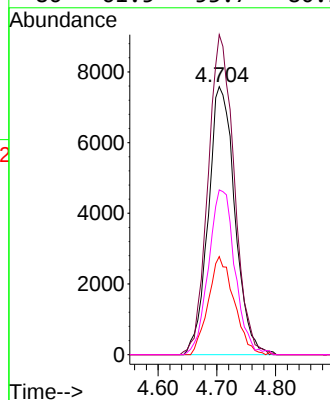
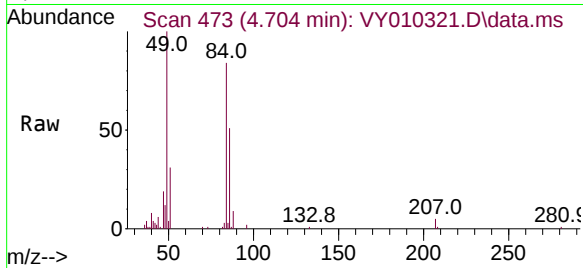


#20
Methylene Chloride
Concen: 7.496 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-10-11

Tgt Ion: 84 Resp: 23862

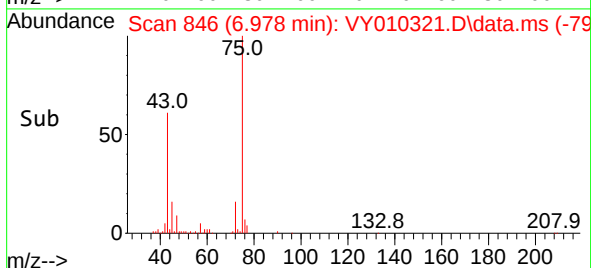
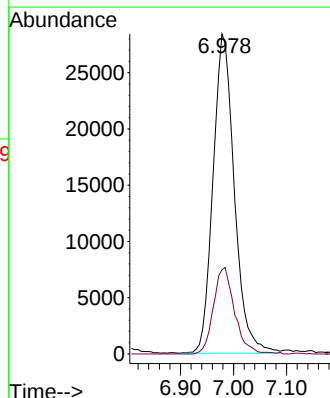
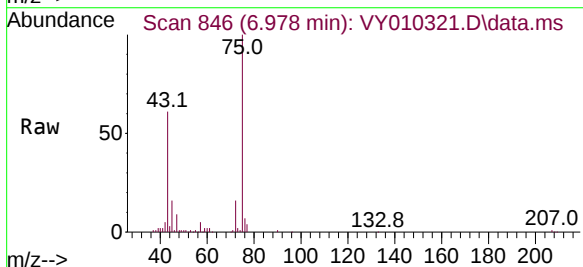
Ion	Ratio	Lower	Upper
84	100		
49	119.4	114.4	171.6
51	36.6	35.3	52.9
86	61.5	53.7	80.5

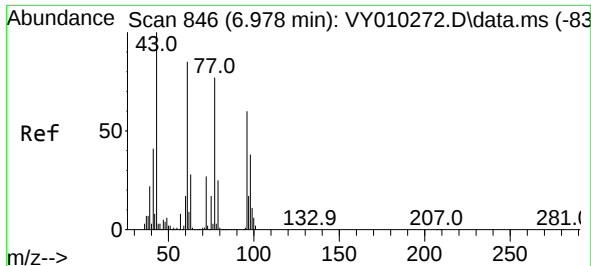


#25
2-Butanone
Concen: 73.313 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Tgt Ion: 43 Resp: 79362

Ion	Ratio	Lower	Upper
43	100		
72	26.4	17.7	26.5





#26

2,2-Dichloropropane

Concen: 1.220 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY010321.D

Acq: 03 Sep 2022 15:35

Instrument :

MSVOA_Y

ClientSampleId :

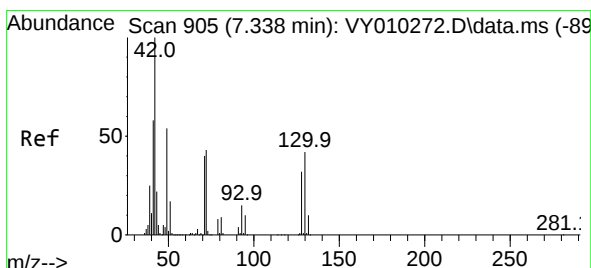
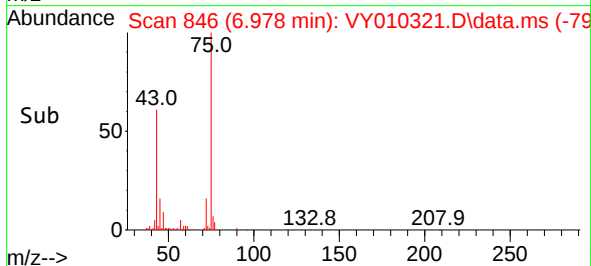
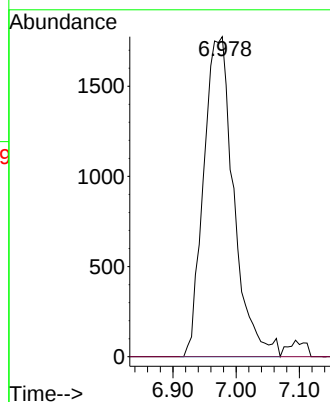
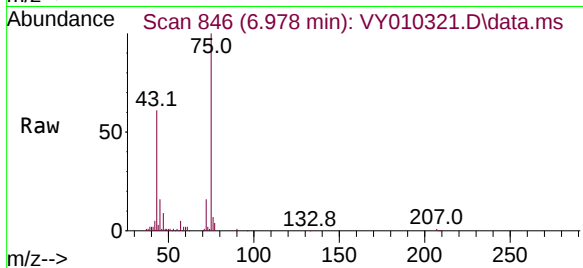
KTS2-TR-02-10-11

Tgt Ion: 77 Resp: 5866

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#29

Tetrahydrofuran

Concen: 1.501 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY010321.D

Acq: 03 Sep 2022 15:35

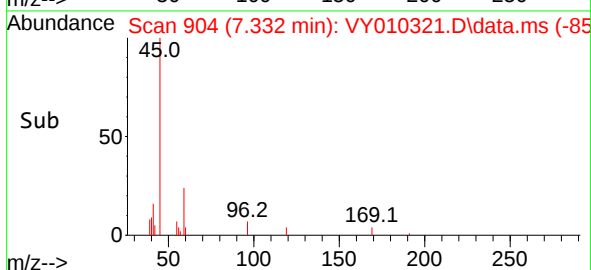
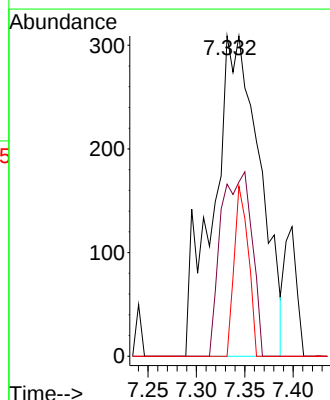
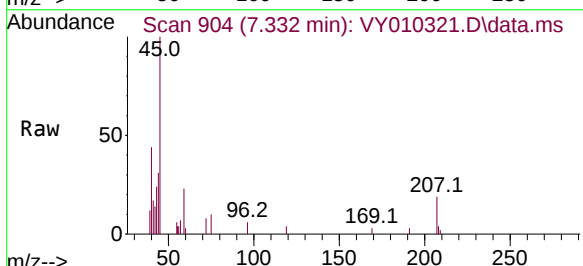
Tgt Ion: 42 Resp: 1041

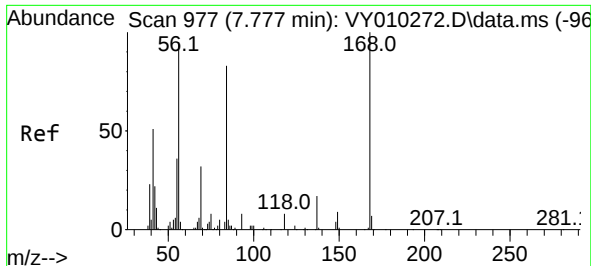
Ion Ratio Lower Upper

42 100

72 37.8 30.3 45.5

71 15.9 29.0 43.4#

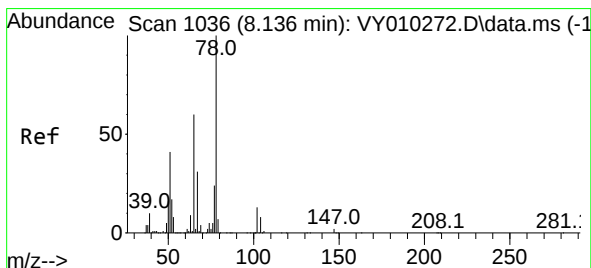
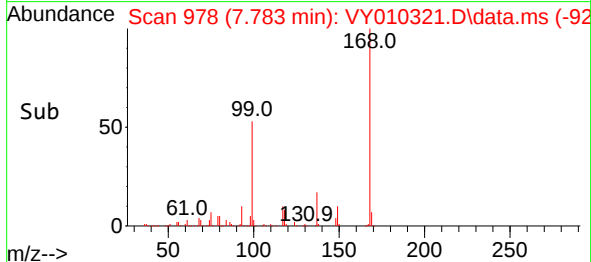
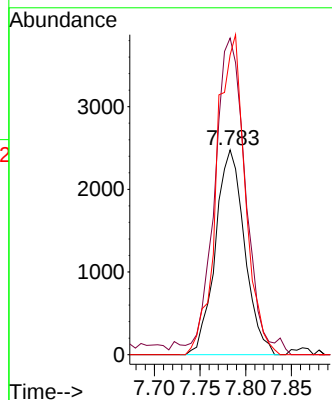
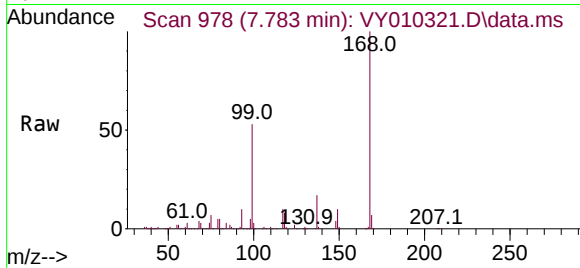




#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

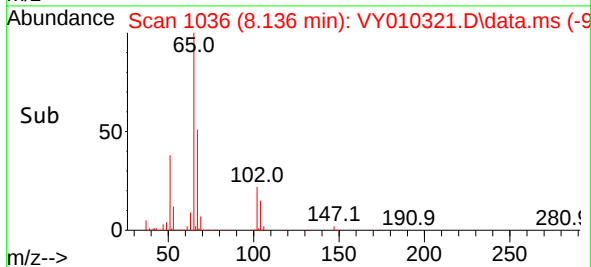
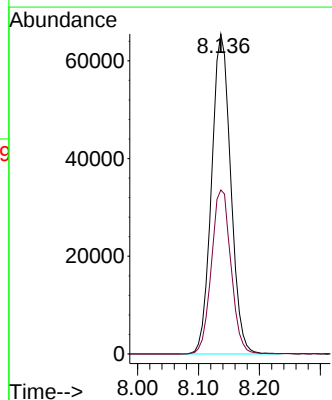
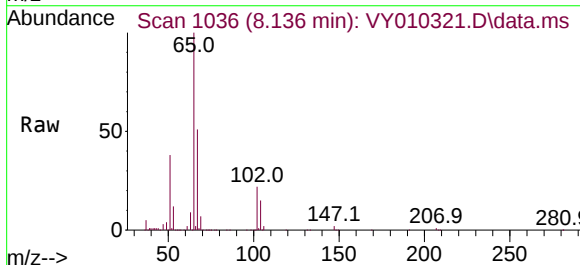
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-10-11

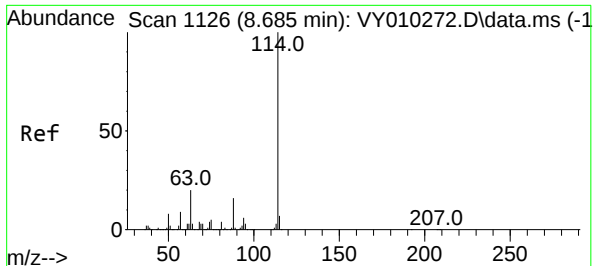
Tgt Ion: 56 Resp: 5506
Ion Ratio Lower Upper
56 100
69 149.9 26.7 40.1#
84 146.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.315 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Tgt Ion: 65 Resp: 143313
Ion Ratio Lower Upper
65 100
67 52.3 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: VY010321.D

Acq: 03 Sep 2022 15:35

Instrument :

MSVOA_Y

ClientSampleId :

KTS2-TR-02-10-11

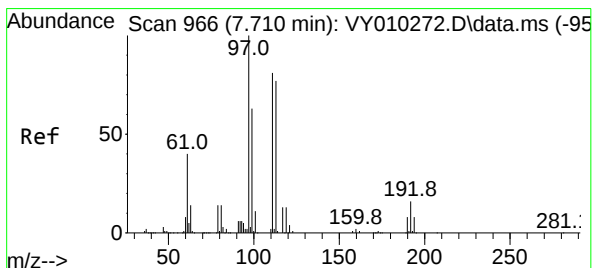
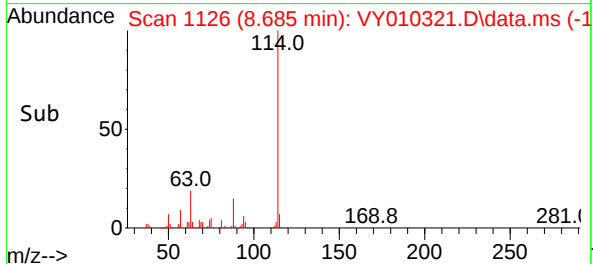
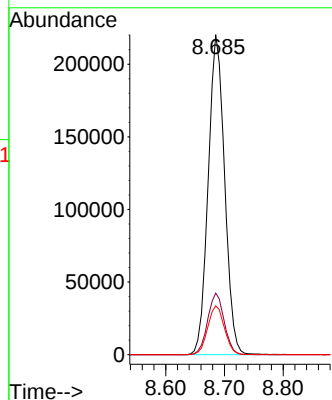
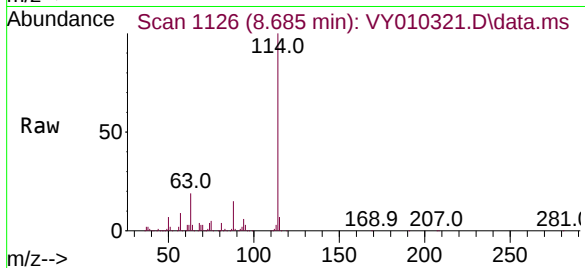
Tgt Ion:114 Resp: 427995

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.985 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010321.D

Acq: 03 Sep 2022 15:35

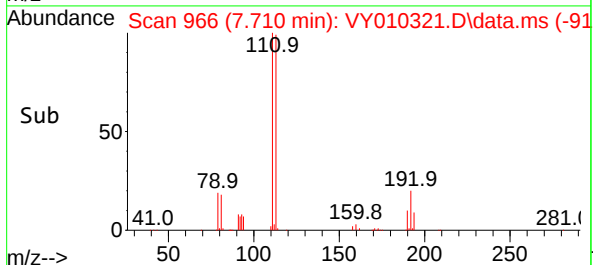
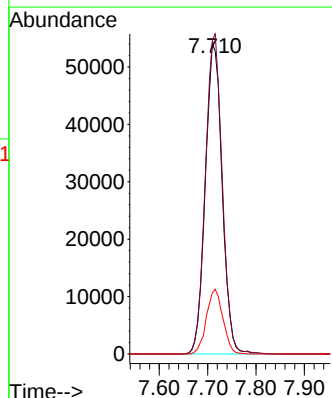
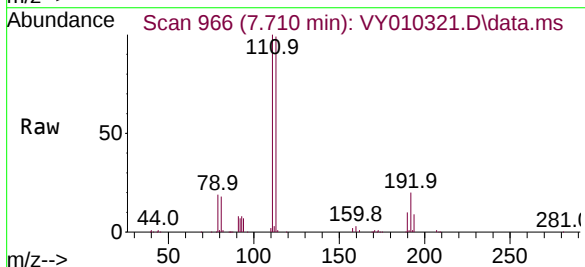
Tgt Ion:113 Resp: 131023

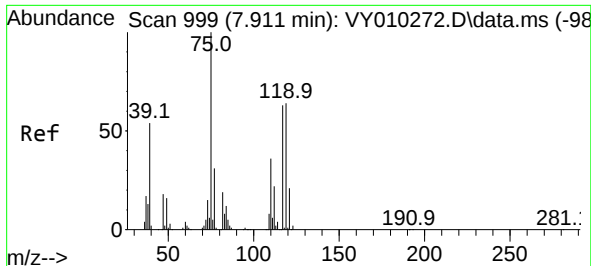
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 20.4 17.6 26.4

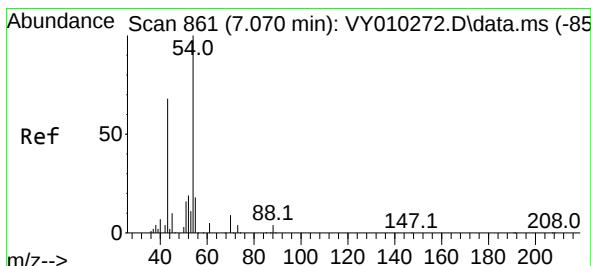
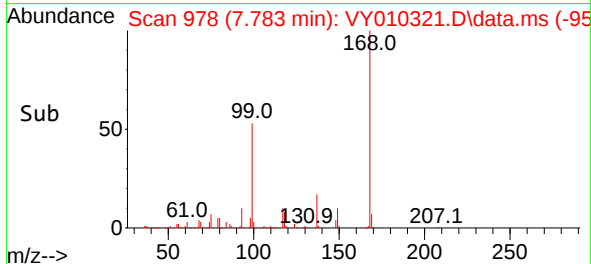
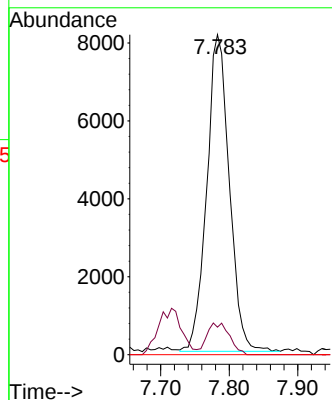
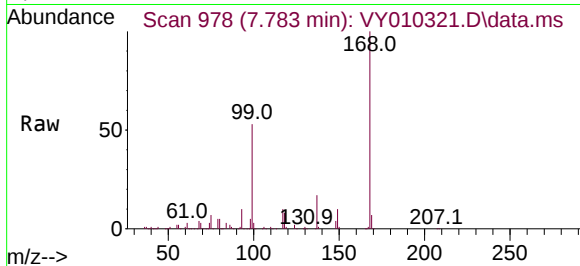




#36
1,1-Dichloropropene
Concen: 4.447 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

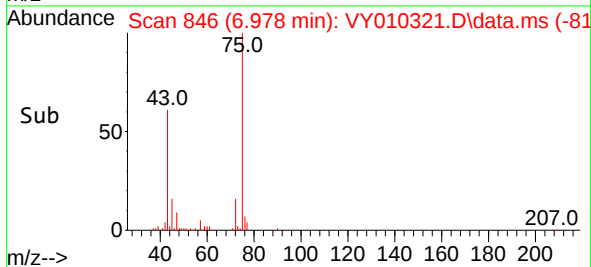
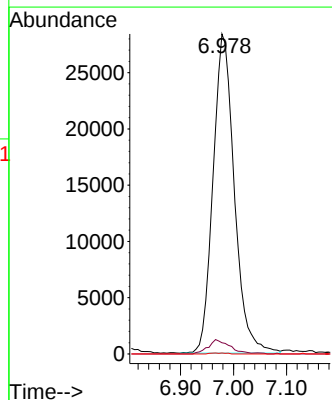
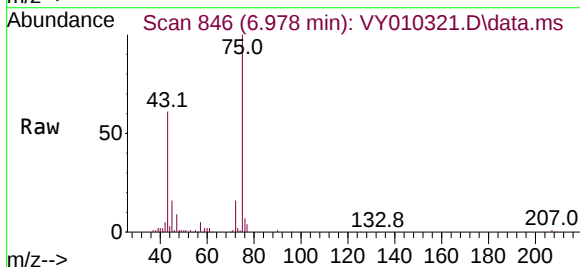
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-10-11

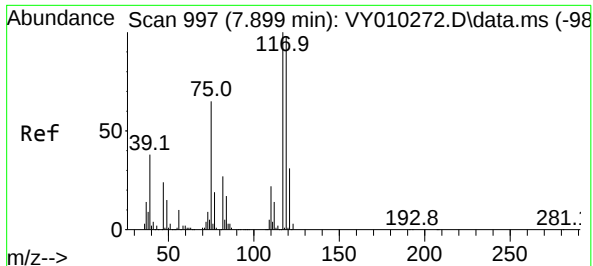
Tgt Ion: 75 Resp: 18589
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 33.111 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Tgt Ion: 43 Resp: 79362
Ion Ratio Lower Upper
43 100
61 4.6 9.7 14.5#
70 0.2 7.1 10.7#

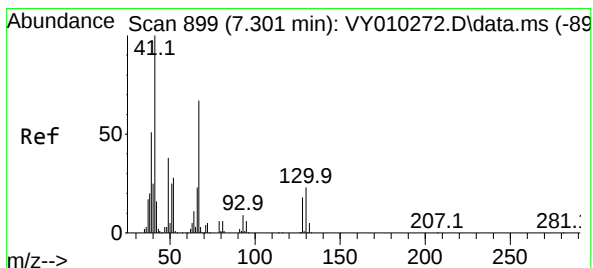
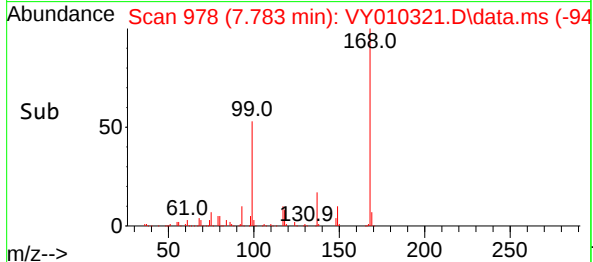
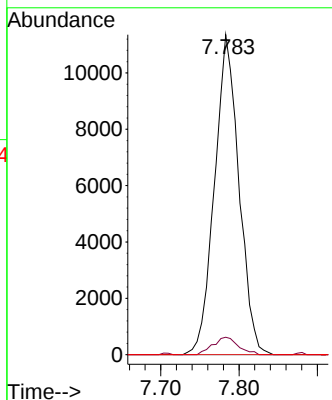
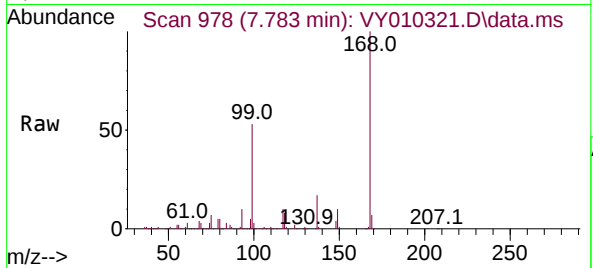




#38
Carbon Tetrachloride
Concen: 5.716 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

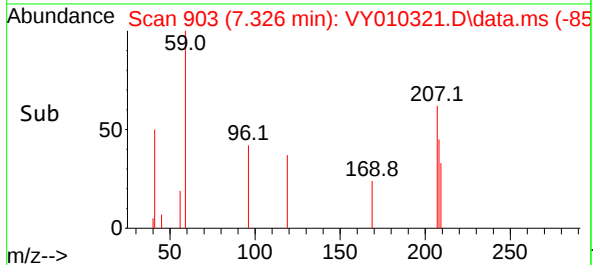
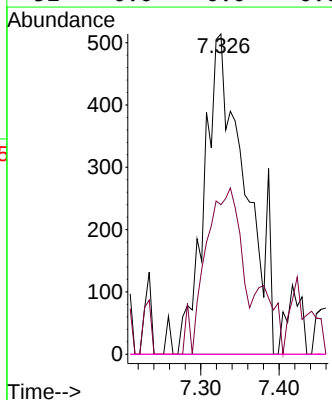
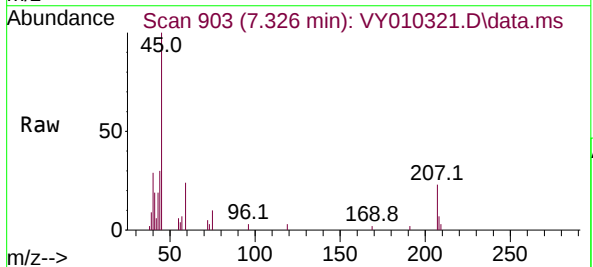
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-10-11

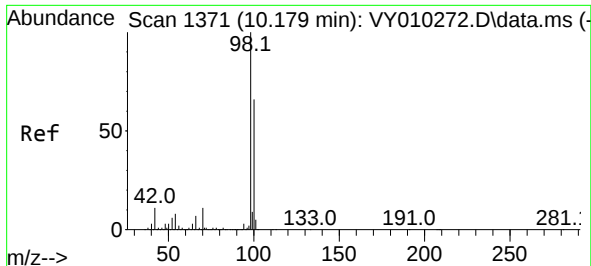
Tgt Ion:117 Resp: 24628
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 1.362 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.025 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Tgt Ion: 41 Resp: 1841
Ion Ratio Lower Upper
41 100
39 45.8 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

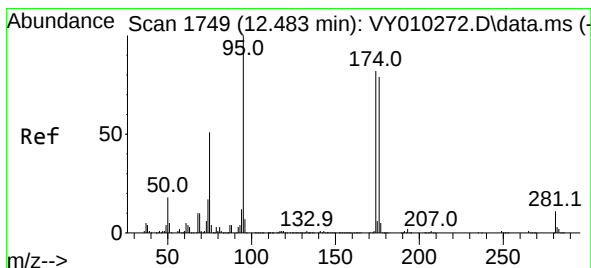
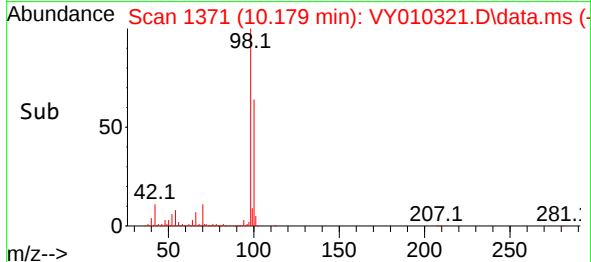
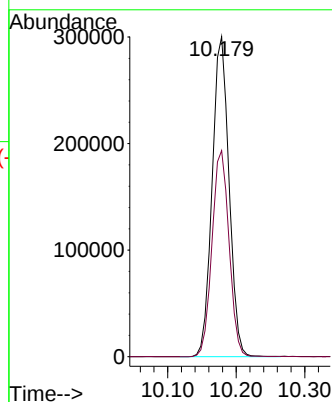
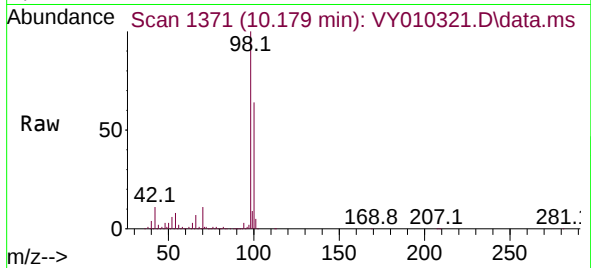




#50
Toluene-d8
Concen: 53.675 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

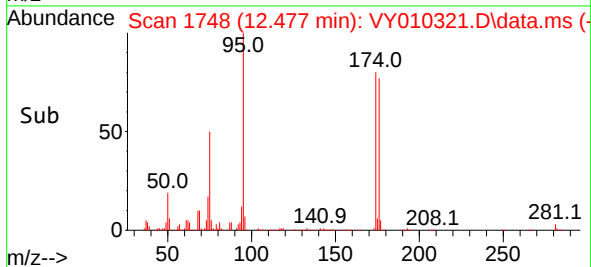
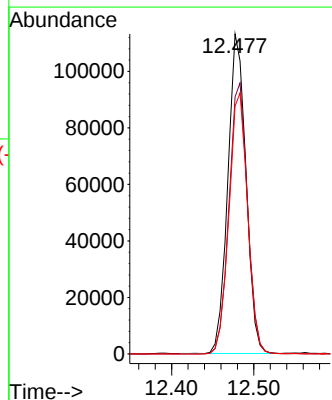
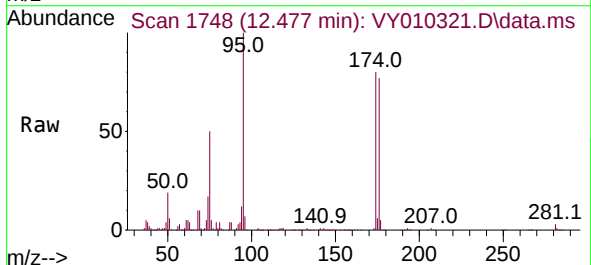
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-10-11

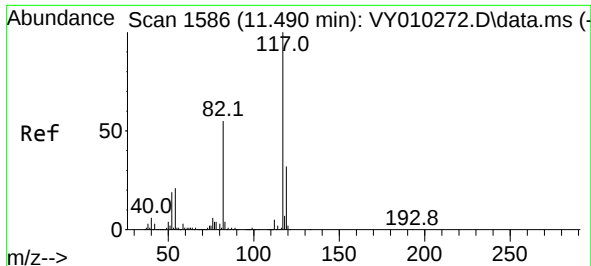
Tgt Ion: 98 Resp: 512018
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.769 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Tgt Ion: 95 Resp: 173556
Ion Ratio Lower Upper
95 100
174 86.6 0.0 177.0
176 83.6 0.0 175.8

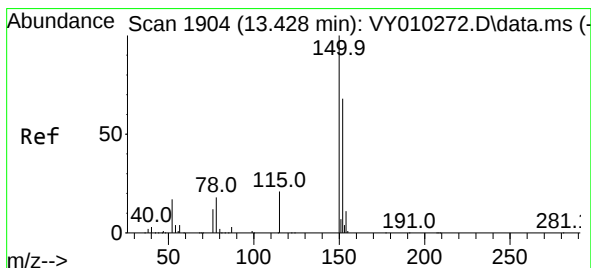
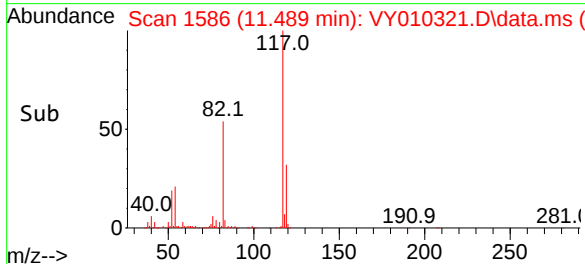
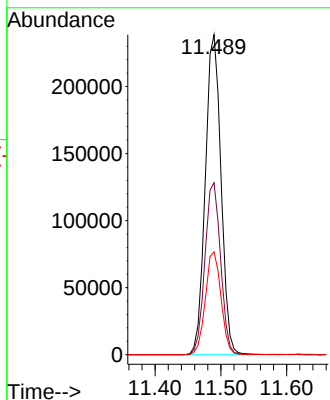
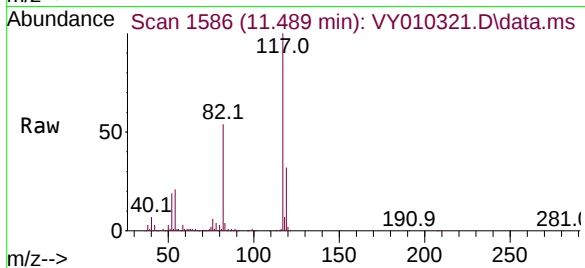




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

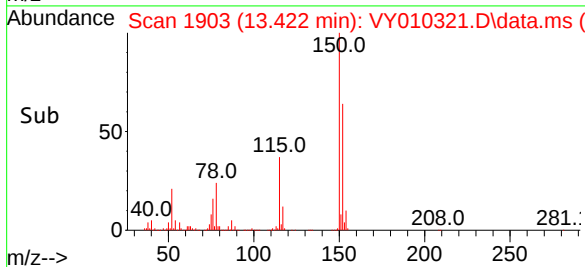
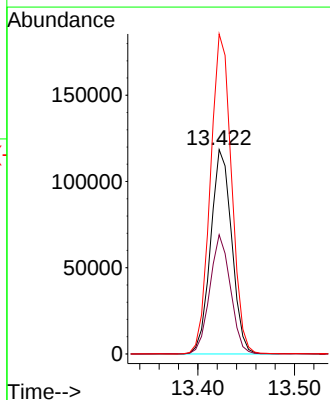
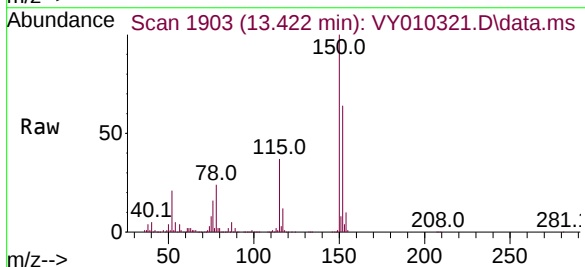
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-10-11

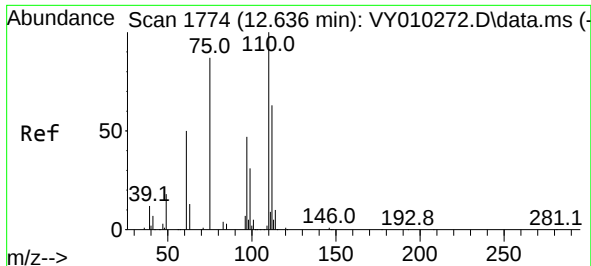
Tgt Ion:117 Resp: 395822
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Tgt Ion:152 Resp: 179490
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 156.8 0.0 347.6

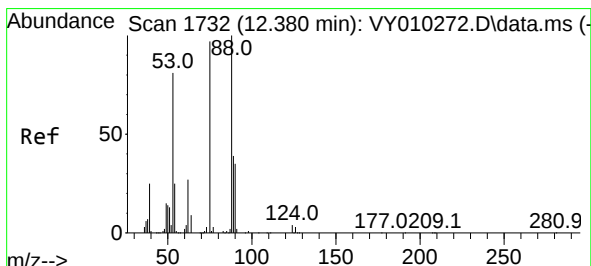
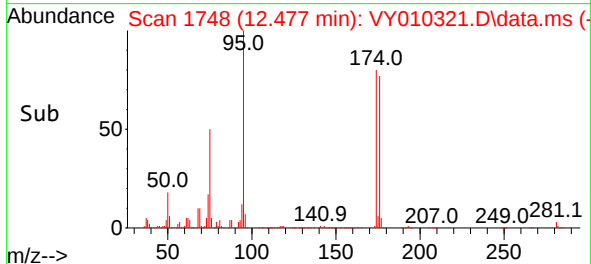
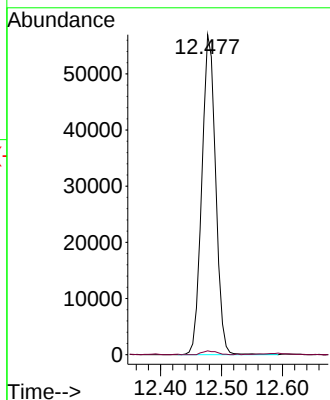
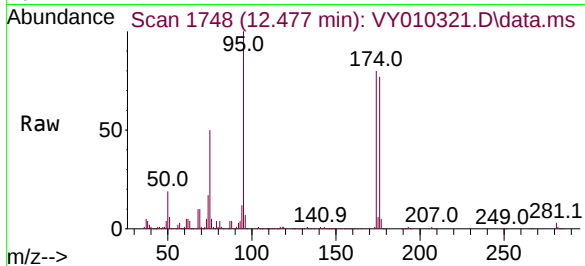




#76
1,2,3-Trichloropropane
Concen: 42.051 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-10-11

Tgt Ion: 75 Resp: 89821
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.723 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Tgt Ion: 75 Resp: 89821
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

