

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
 Data File : VY010326.D
 Acq On : 03 Sep 2022 17:32
 Operator : KP/MD
 Sample : N4419-03
 Misc : 3.91g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 KTS2-TR-02-2-3

Quant Time: Sep 05 04:21:53 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)

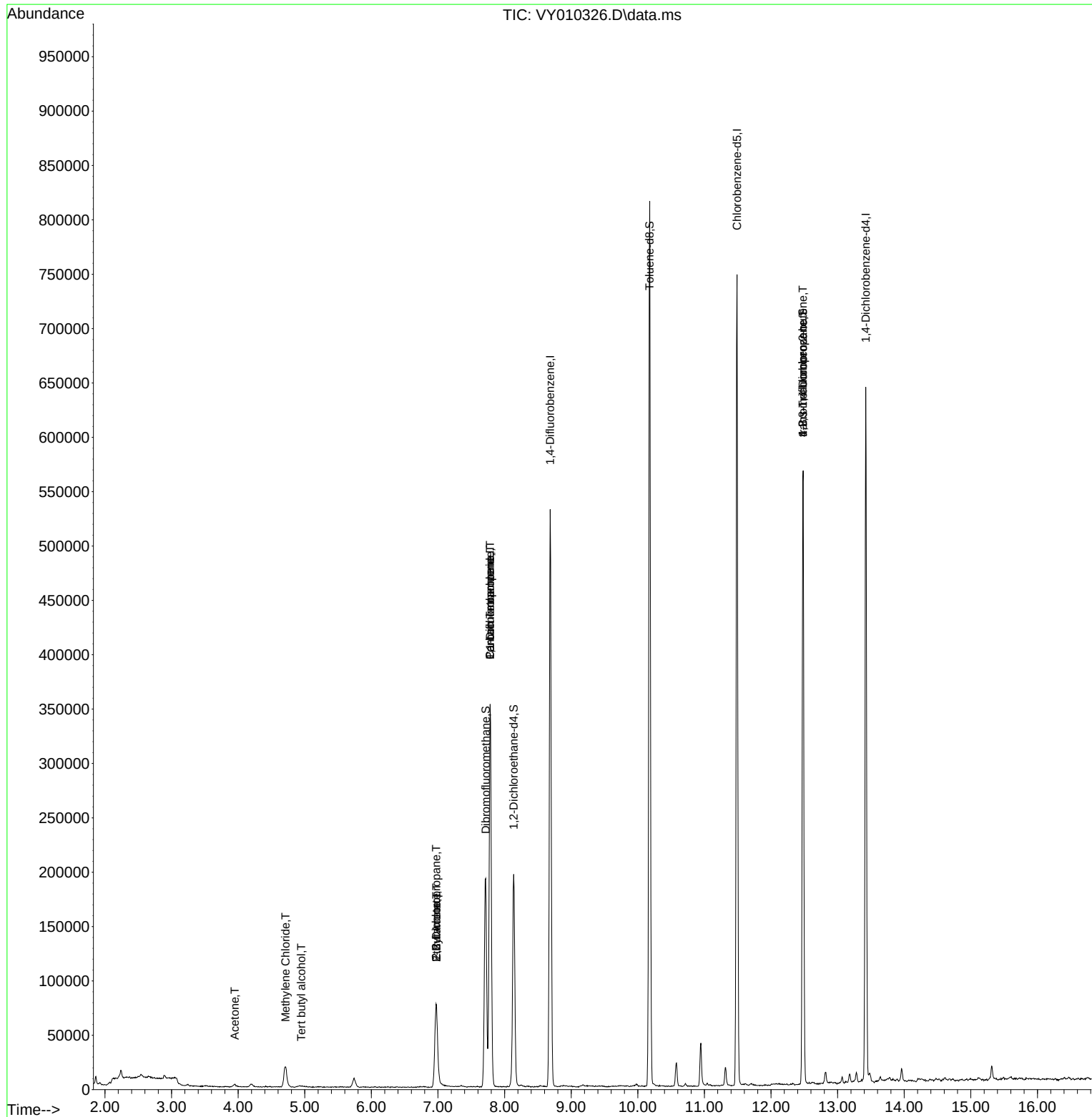
Internal Standards						
1) Pentafluorobenzene	7.782	168	283430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	459202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	408498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	150888	51.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.840%	
35) Dibromofluoromethane	7.715	113	139327	45.576	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.160%	
50) Toluene-d8	10.178	98	535269	52.299	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.600%	
62) 4-Bromofluorobenzene	12.477	95	173273	41.157	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.320%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.649	94	167	Below Cal	#	5
11) Tert butyl alcohol	4.948	59	2117	6.089	ug/l #	80
16) Acetone	3.948	43	4726	6.505	ug/l	97
20) Methylene Chloride	4.710	84	14723	4.199	ug/l	84
25) 2-Butanone	6.978	43	5692	4.774	ug/l	93
26) 2,2-Dichloropropane	6.972	77	5838	1.102	ug/l #	55
36) 1,1-Dichloropropene	7.782	75	19644	4.380	ug/l #	52
37) Ethyl Acetate	6.978	43	5692	2.213	ug/l #	15
38) Carbon Tetrachloride	7.782	117	26532	5.740	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	89264	44.777	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	89264	93.410	ug/l #	7

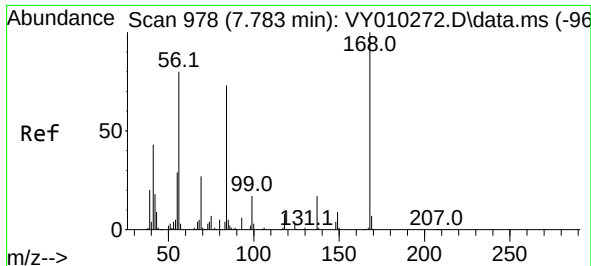
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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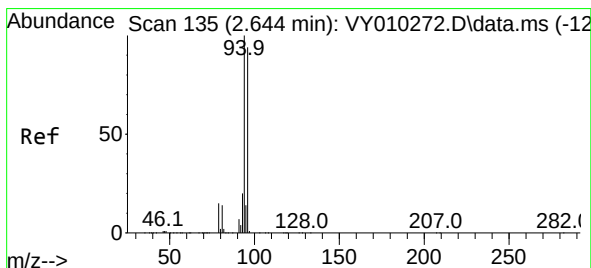
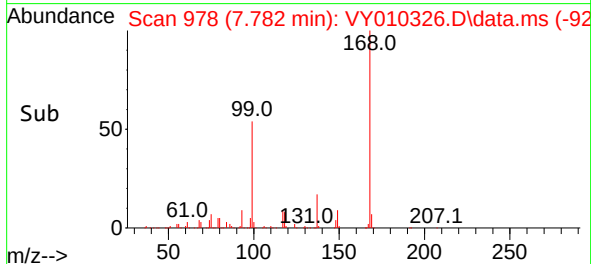
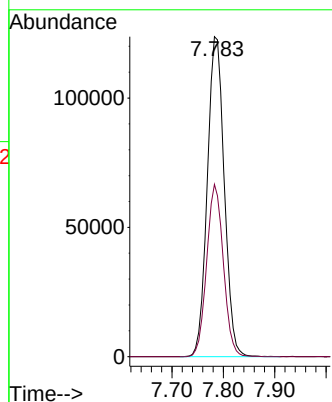
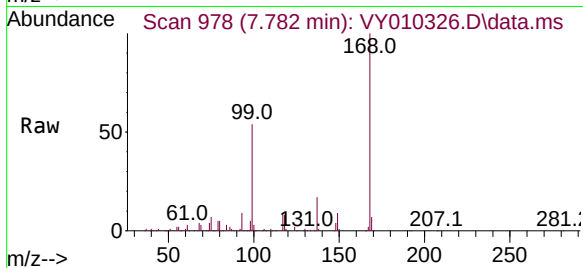




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010326.D
Acq: 03 Sep 2022 17:32

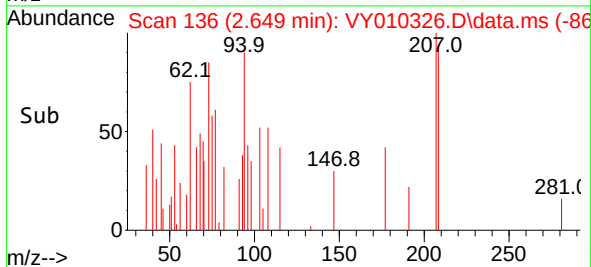
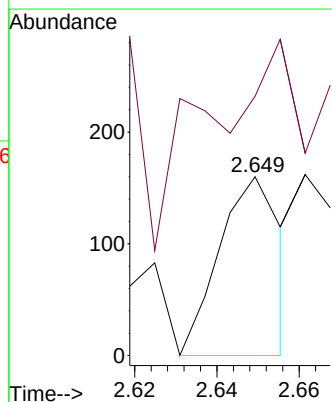
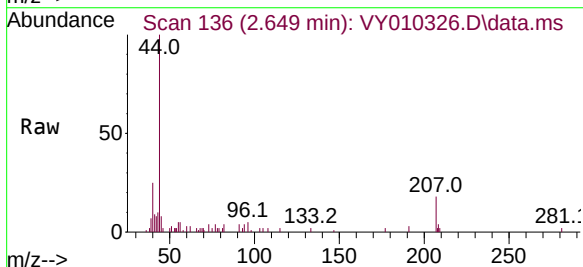
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-2-3

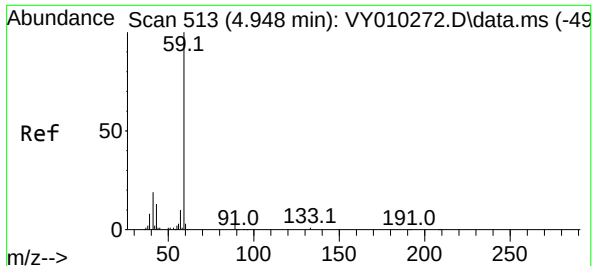
Tgt Ion:168 Resp: 283430
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.649 min Scan# 136
Delta R.T. 0.005 min
Lab File: VY010326.D
Acq: 03 Sep 2022 17:32

Tgt Ion: 94 Resp: 167
Ion Ratio Lower Upper
94 100
96 1.3 73.5 110.3#





#11

Tert butyl alcohol

Concen: 6.089 ug/l

RT: 4.948 min Scan# 513

Delta R.T. -0.000 min

Lab File: VY010326.D

Acq: 03 Sep 2022 17:32

Instrument :

MSVOA_Y

ClientSampleId :

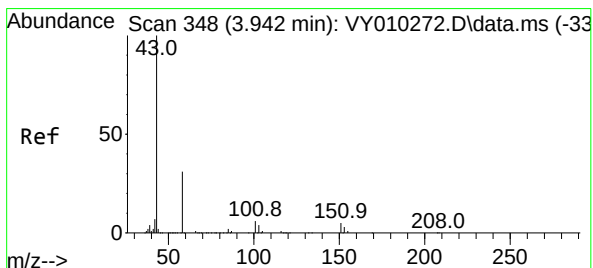
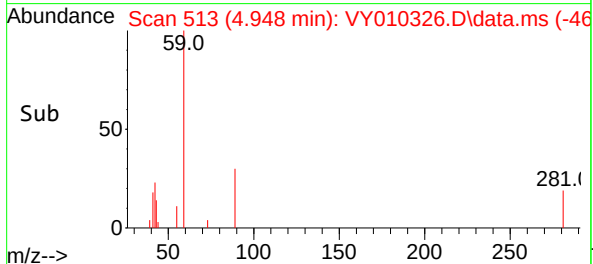
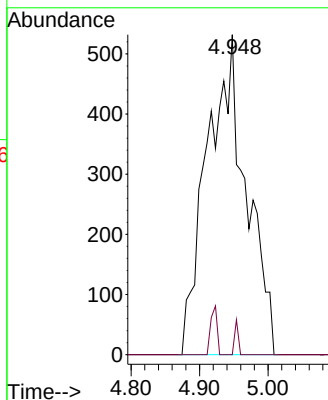
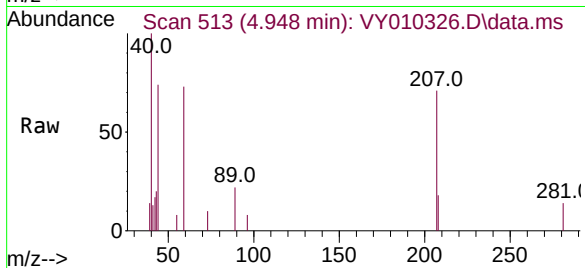
KTS2-TR-02-2-3

Tgt Ion: 59 Resp: 2117

Ion Ratio Lower Upper

59 100

57 1.0 6.4 9.6#



#16

Acetone

Concen: 6.505 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY010326.D

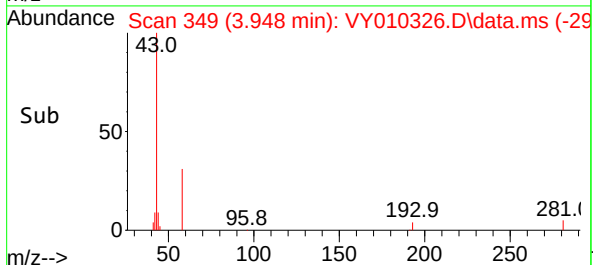
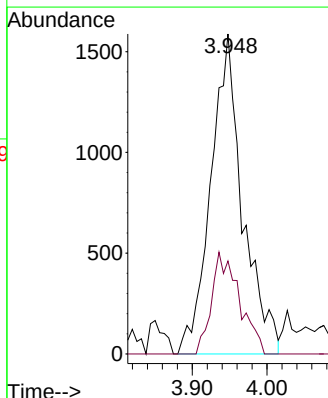
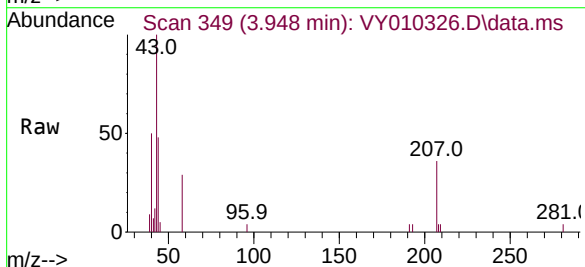
Acq: 03 Sep 2022 17:32

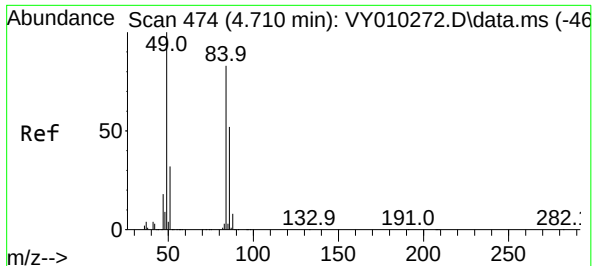
Tgt Ion: 43 Resp: 4726

Ion Ratio Lower Upper

43 100

58 29.0 22.0 33.0

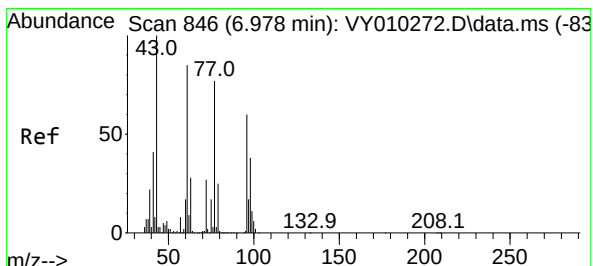
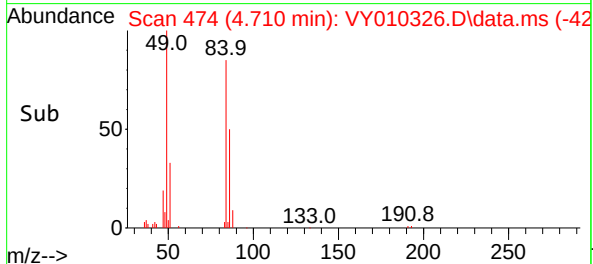
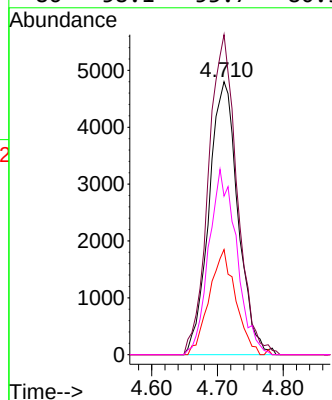
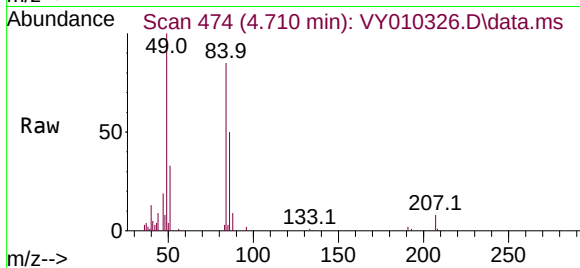




#20
Methylene Chloride
Concen: 4.199 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010326.D
Acq: 03 Sep 2022 17:32

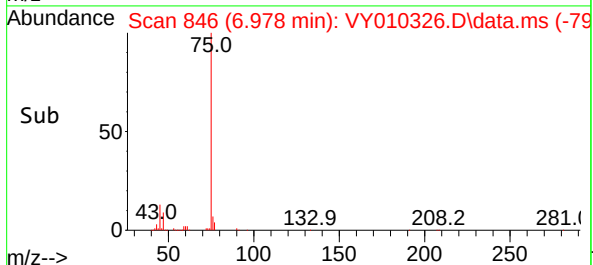
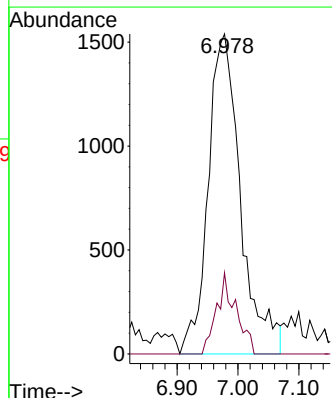
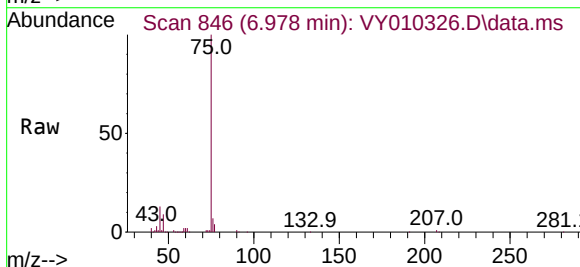
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-2-3

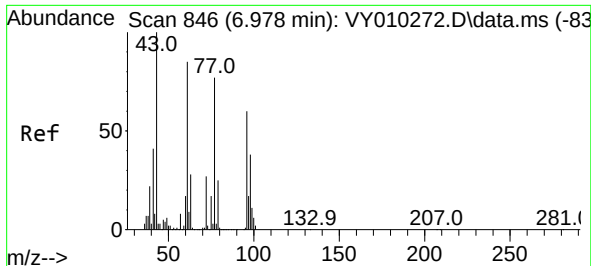
Tgt Ion:	84	Resp:	14723
Ion	Ratio	Lower	Upper
84	100		
49	117.2	114.4	171.6
51	38.5	35.3	52.9
86	58.1	53.7	80.5



#25
2-Butanone
Concen: 4.774 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY010326.D
Acq: 03 Sep 2022 17:32

Tgt Ion:	43	Resp:	5692
Ion	Ratio	Lower	Upper
43	100		
72	25.3	17.7	26.5





#26

2,2-Dichloropropane

Concen: 1.102 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY010326.D

Acq: 03 Sep 2022 17:32

Instrument :

MSVOA_Y

ClientSampleId :

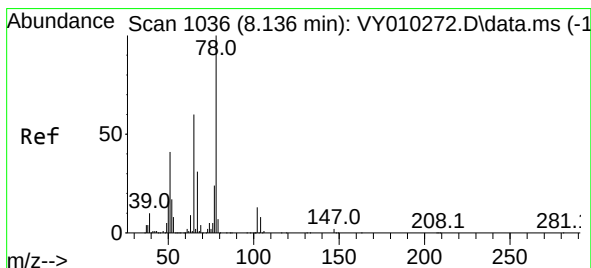
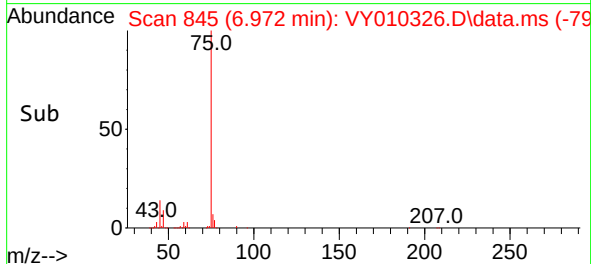
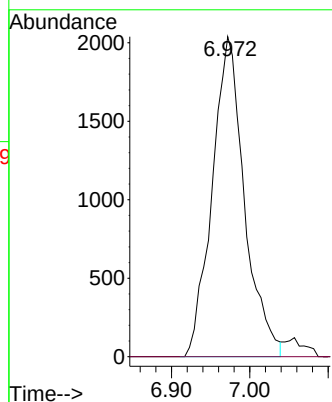
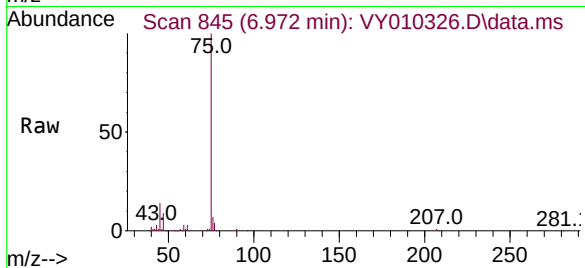
KTS2-TR-02-2-3

Tgt Ion: 77 Resp: 5838

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#33

1,2-Dichloroethane-d4

Concen: 51.918 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010326.D

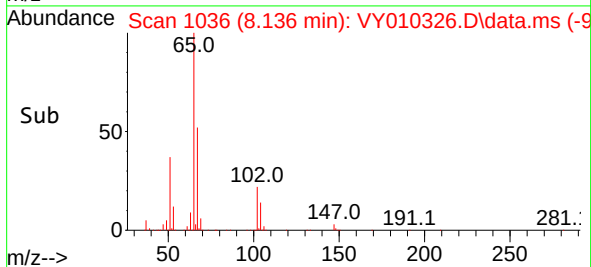
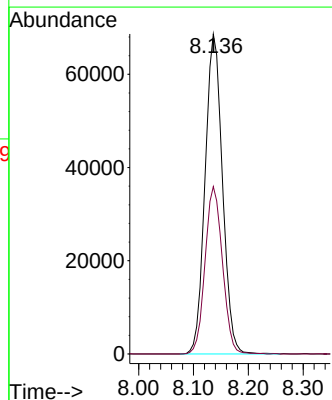
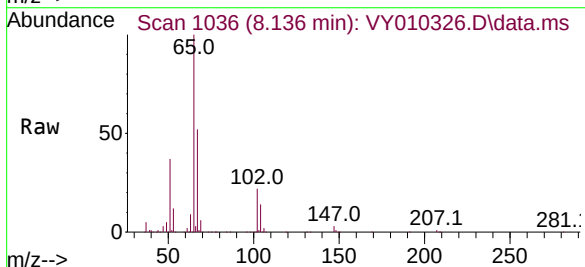
Acq: 03 Sep 2022 17:32

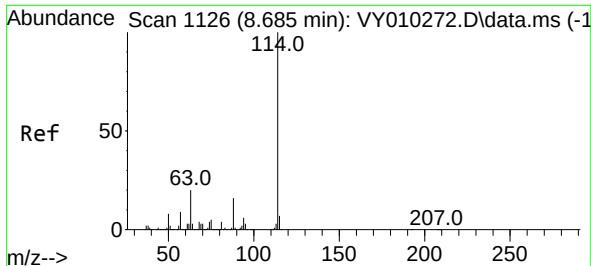
Tgt Ion: 65 Resp: 150888

Ion Ratio Lower Upper

65 100

67 52.2 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: VY010326.D

Acq: 03 Sep 2022 17:32

Instrument :

MSVOA_Y

ClientSampleId :

KTS2-TR-02-2-3

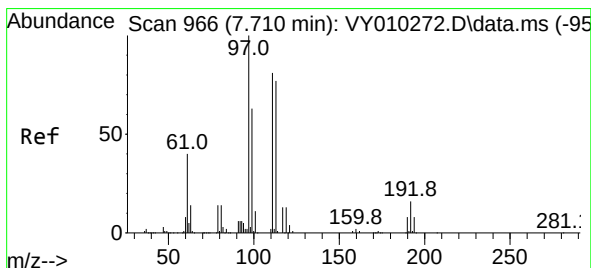
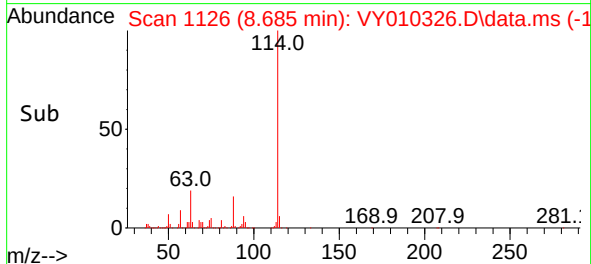
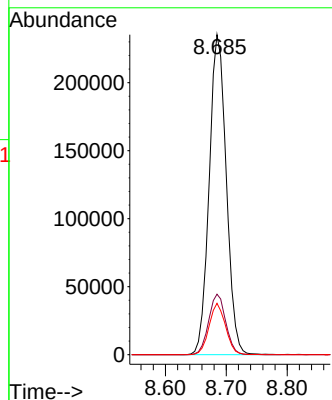
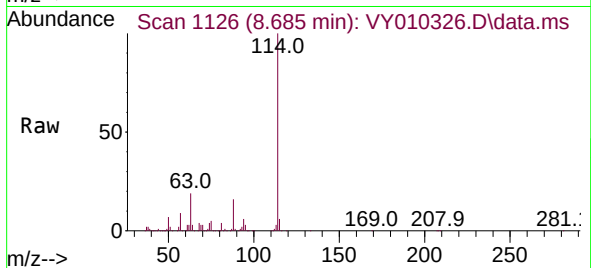
Tgt Ion:114 Resp: 459202

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 16.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.576 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.005 min

Lab File: VY010326.D

Acq: 03 Sep 2022 17:32

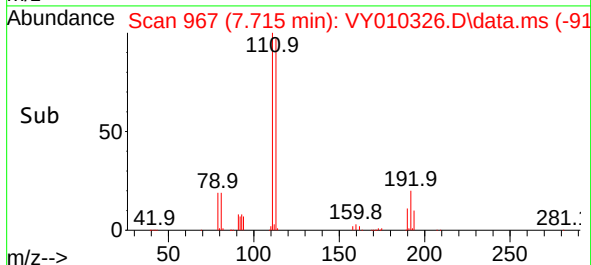
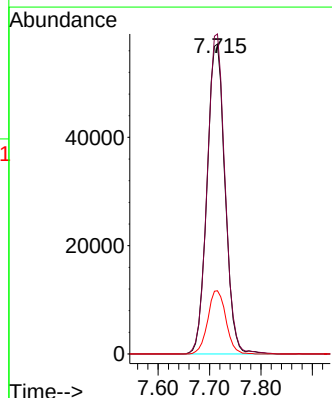
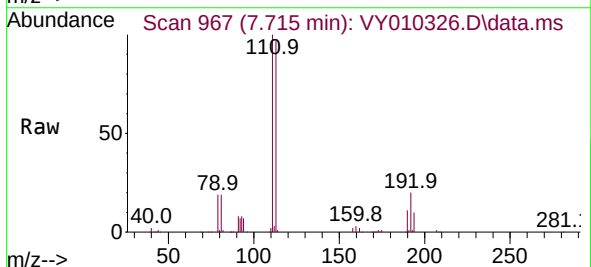
Tgt Ion:113 Resp: 139327

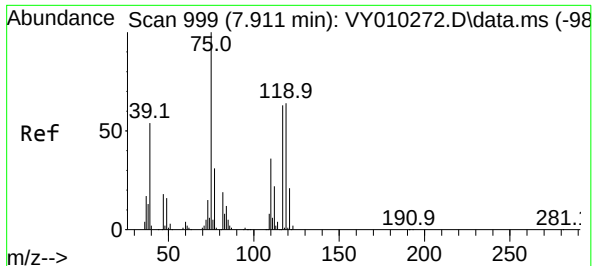
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 20.6 17.6 26.4

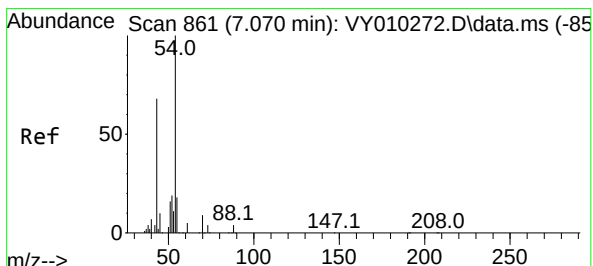
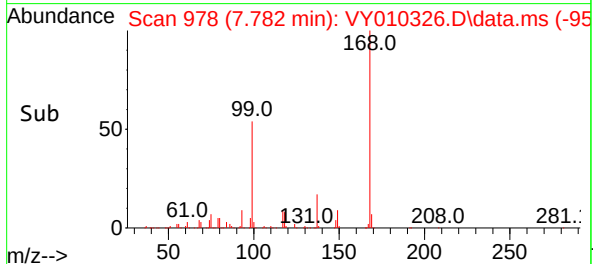
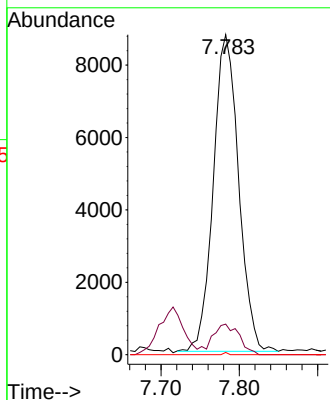
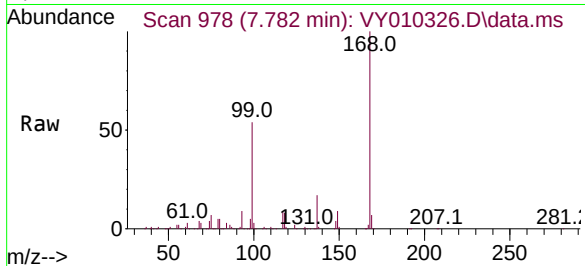




#36
1,1-Dichloropropene
Concen: 4.380 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010326.D
Acq: 03 Sep 2022 17:32

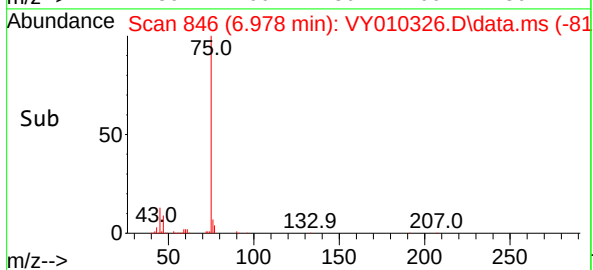
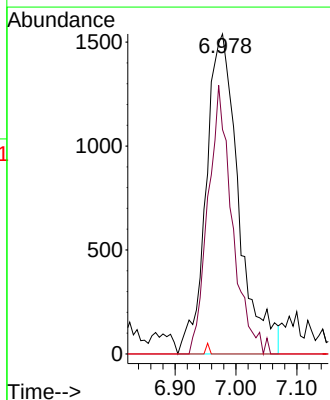
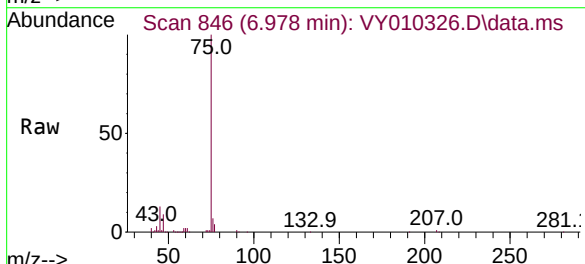
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KTS2-TR-02-2-3

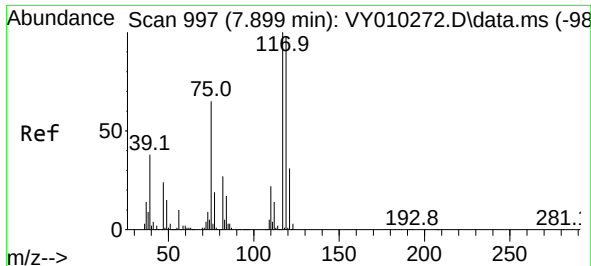
Tgt Ion: 75 Resp: 19644
Ion Ratio Lower Upper
75 100
110 10.3 17.1 51.2#
77 0.1 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.213 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.092 min
Lab File: VY010326.D
Acq: 03 Sep 2022 17:32

Tgt Ion: 43 Resp: 5692
Ion Ratio Lower Upper
43 100
61 62.7 9.7 14.5#
70 0.0 7.1 10.7#

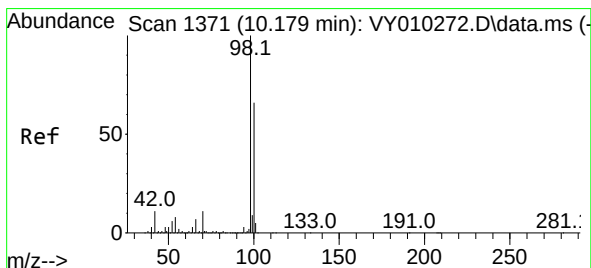
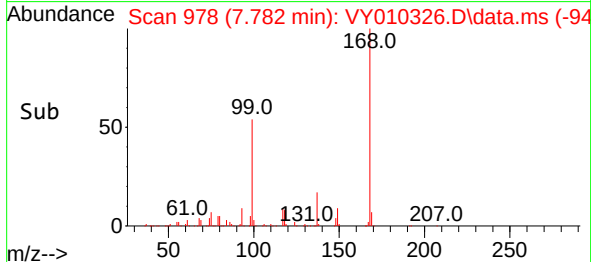
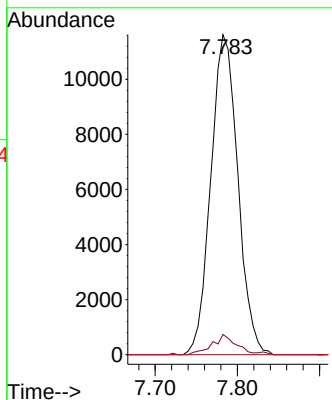
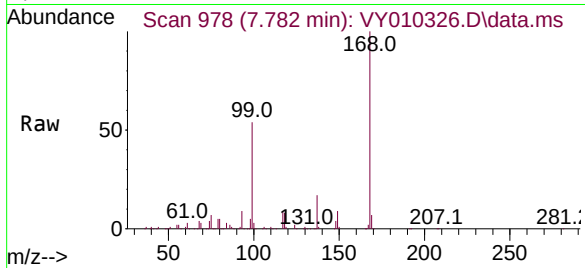




#38
Carbon Tetrachloride
Concen: 5.740 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.117 min
Lab File: VY010326.D
Acq: 03 Sep 2022 17:32

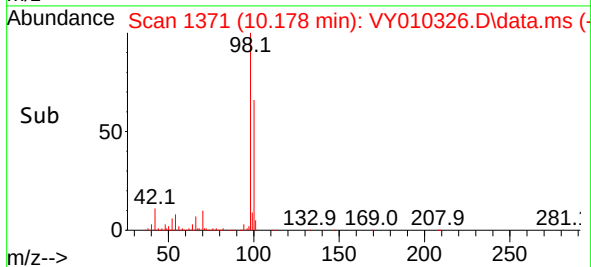
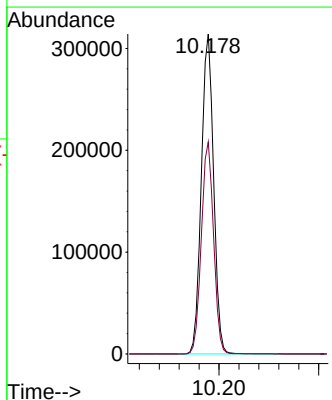
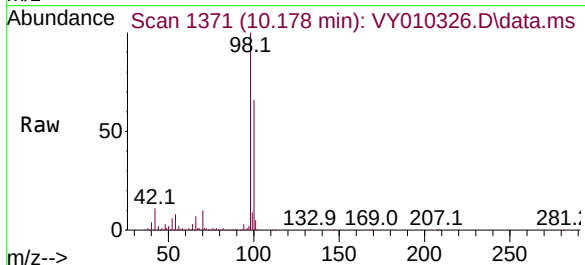
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-2-3

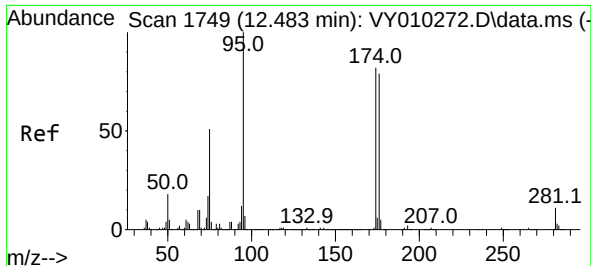
Tgt Ion:117 Resp: 26532
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.299 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010326.D
Acq: 03 Sep 2022 17:32

Tgt Ion: 98 Resp: 535269
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2

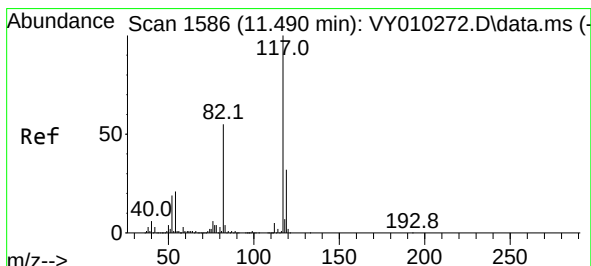
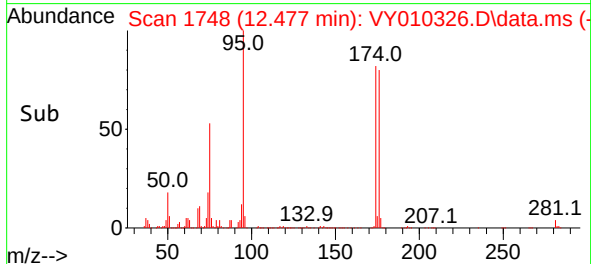
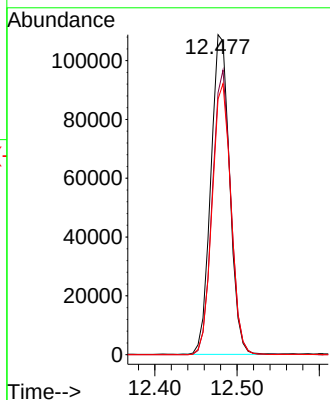
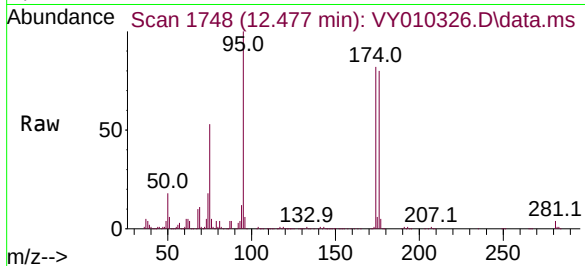




#62
4-Bromofluorobenzene
Concen: 41.157 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010326.D
Acq: 03 Sep 2022 17:32

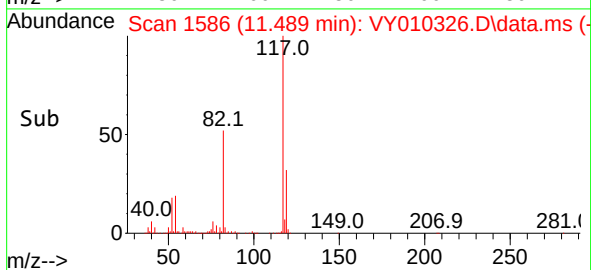
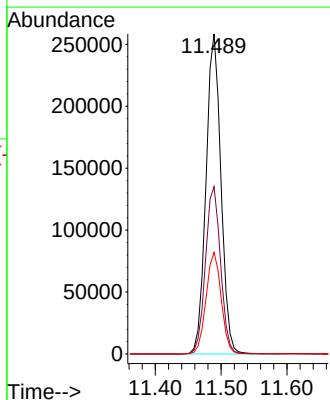
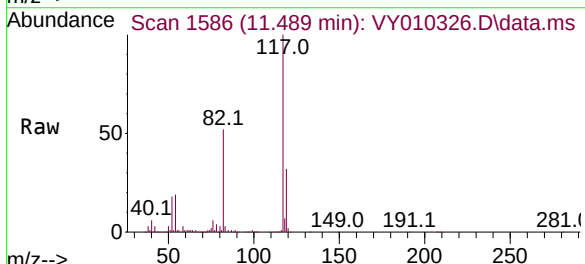
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-2-3

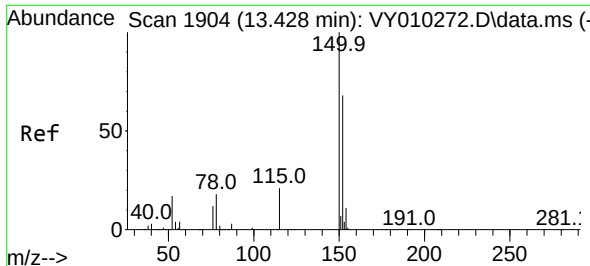
Tgt Ion: 95 Resp: 173273
Ion Ratio Lower Upper
95 100
174 87.0 0.0 177.0
176 84.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010326.D
Acq: 03 Sep 2022 17:32

Tgt Ion: 117 Resp: 408498
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 31.7 25.4 38.0

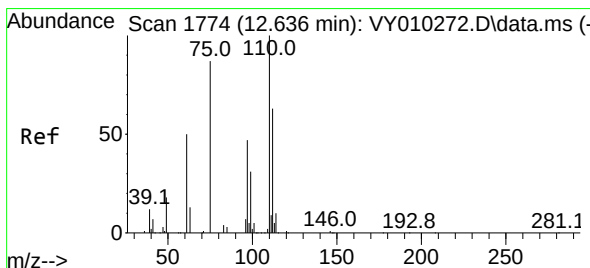
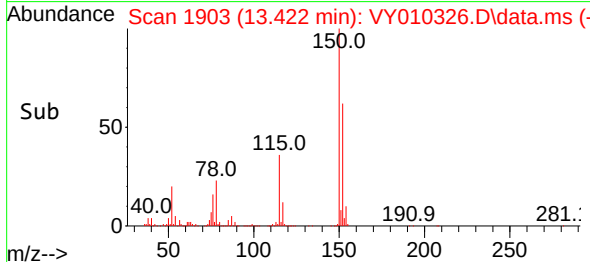
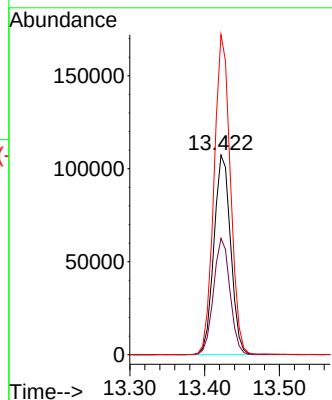
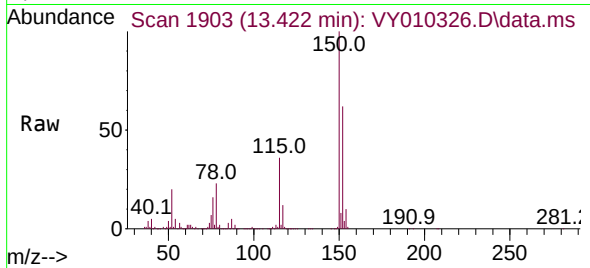




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY010326.D
Acq: 03 Sep 2022 17:32

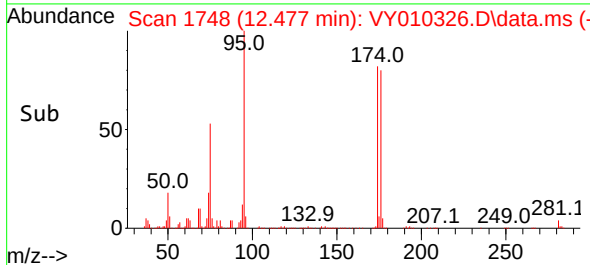
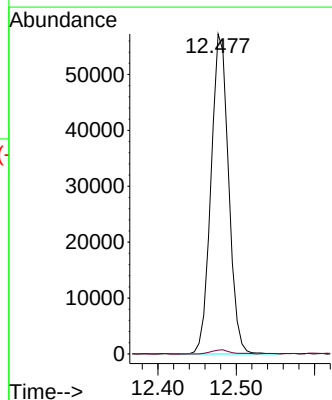
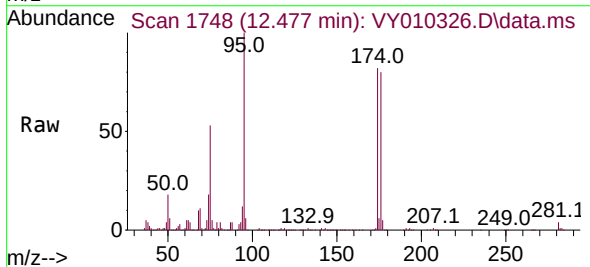
Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-2-3

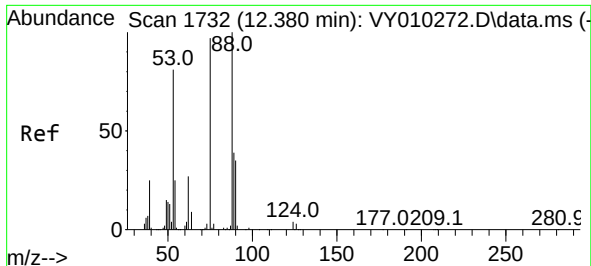
Tgt Ion:152 Resp: 167517
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 156.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 44.777 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY010326.D
Acq: 03 Sep 2022 17:32

Tgt Ion: 75 Resp: 89264
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.410 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010326.D
 Acq: 03 Sep 2022 17:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 KTS2-TR-02-2-3

Tgt Ion: 75 Resp: 89264
 Ion Ratio Lower Upper
 75 100
 53 0.3 85.3 127.9#
 89 0.0 37.0 55.4#

