

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017712.D
 Acq On : 19 Mar 2024 17:20
 Operator : SY/MD
 Sample : P1803-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRENCH-PIT

Quant Time: Mar 20 03:04:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

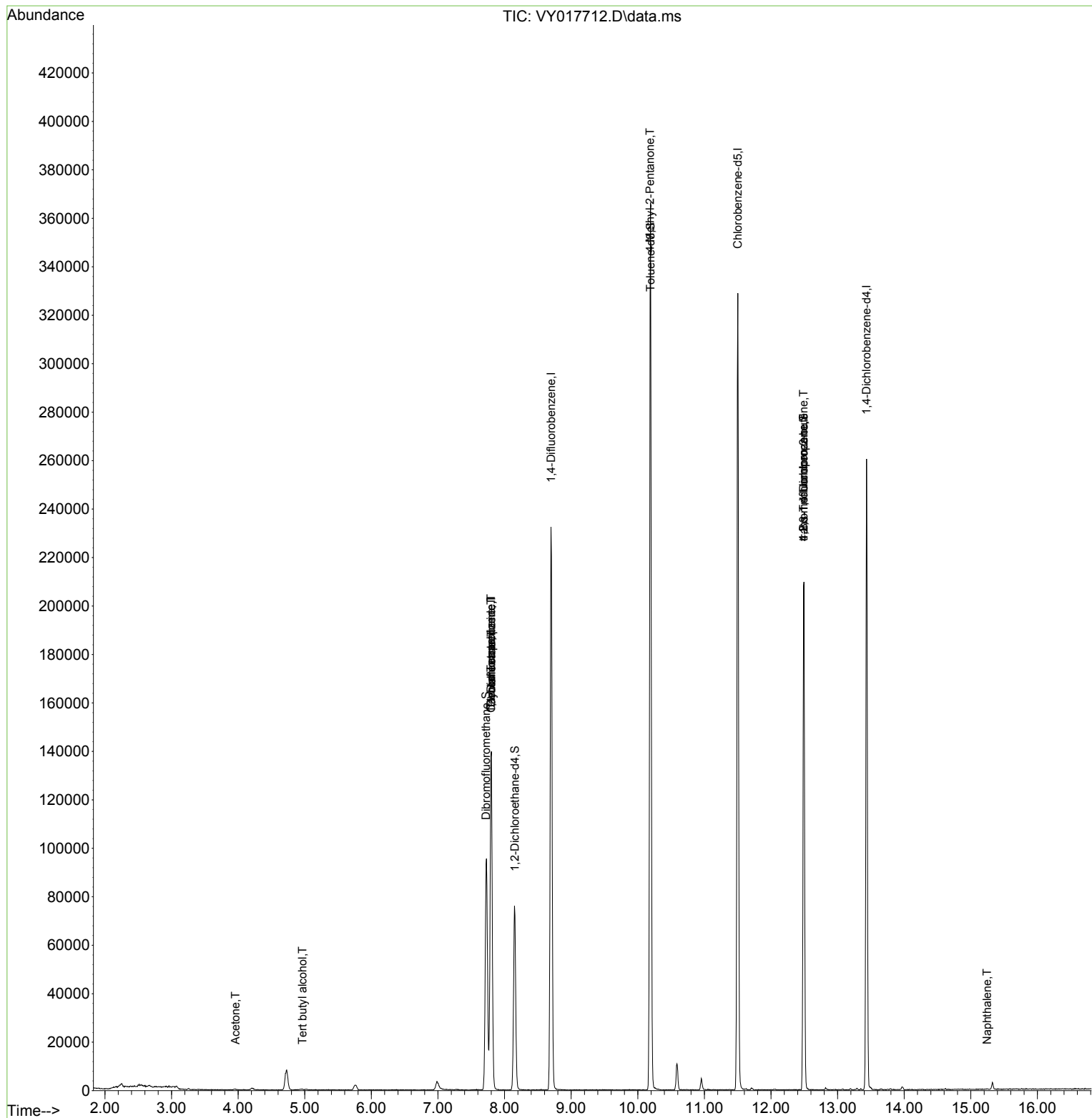
Internal Standards						
1) Pentafluorobenzene	7.801	168	116530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	214688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	191378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	57264	51.851	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.700%	
35) Dibromofluoromethane	7.722	113	69581	46.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.020%	
50) Toluene-d8	10.191	98	244786	46.799	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.600%	
62) 4-Bromofluorobenzene	12.489	95	64047	38.962	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	440	4.690	ug/l #	88
16) Acetone	3.960	43	620	2.894	ug/l #	77
20) Methylene Chloride	4.723	84	6886	Below Cal		95
31) Cyclohexane	7.801	56	2047	1.139	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	8160	4.043	ug/l #	47
38) Carbon Tetrachloride	7.795	117	10637	5.258	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	808	1.035	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	31456	46.378	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	31456	106.566	ug/l #	16
95) Naphthalene	15.245	128	187	3.991	ug/l #	69

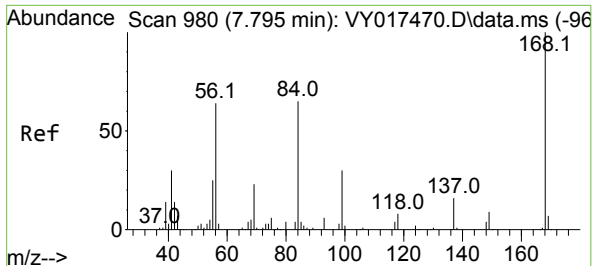
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TRENCH-PIT

Quant Time: Mar 20 03:04:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

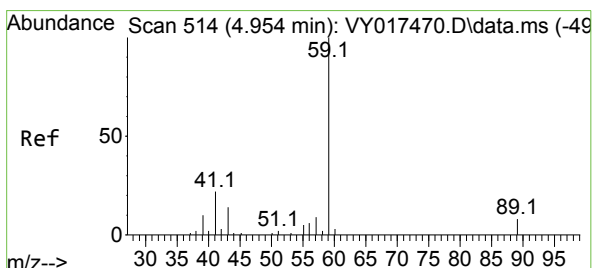
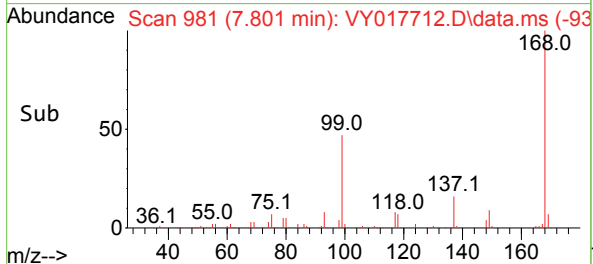
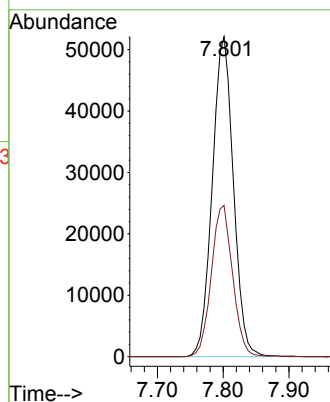
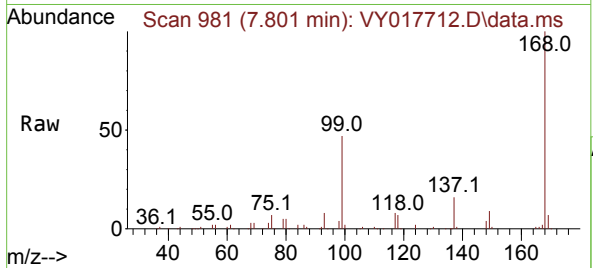




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017712.D
Acq: 19 Mar 2024 17:20

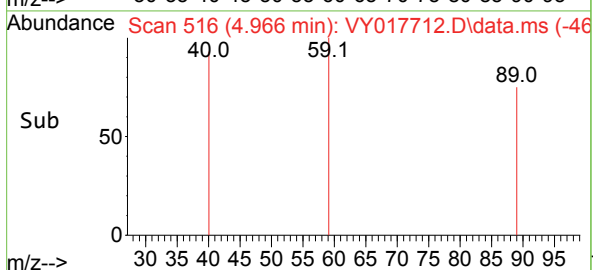
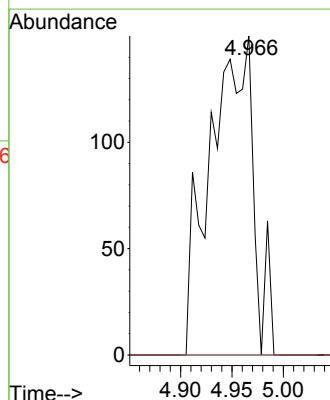
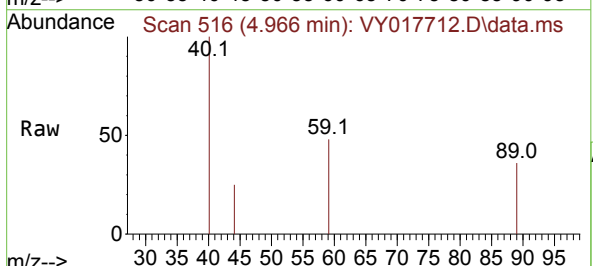
Instrument :
MSVOA_Y
ClientSampleId :
TRENCH-PIT

Tgt Ion:168 Resp: 116530
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#11
Tert butyl alcohol
Concen: 4.690 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY017712.D
Acq: 19 Mar 2024 17:20

Tgt Ion: 59 Resp: 440
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 2.894 ug/l

RT: 3.960 min Scan# 31

Delta R.T. 0.019 min

Lab File: VY017712.D

Acq: 19 Mar 2024 17:20

Instrument :

MSVOA_Y

ClientSampleId :

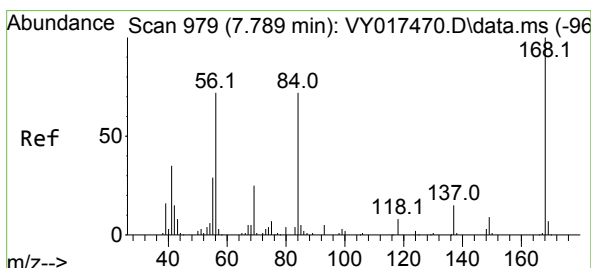
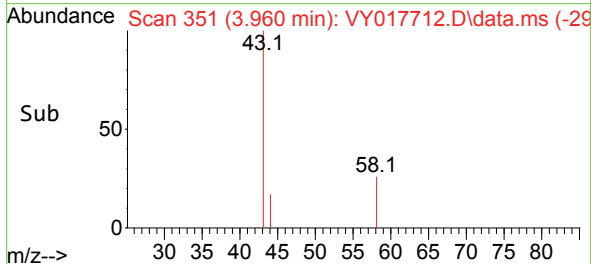
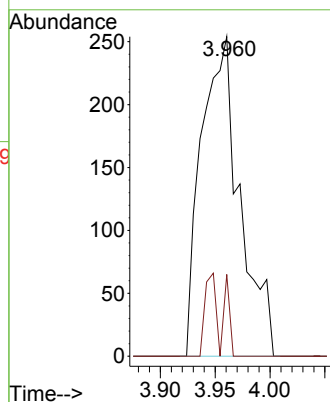
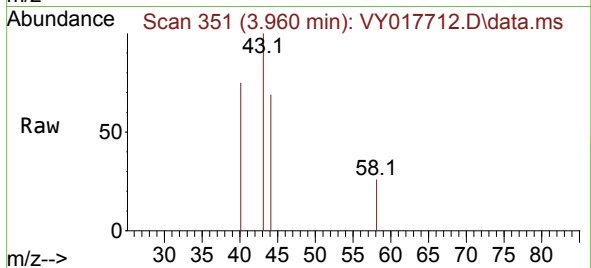
TRENCH-PIT

Tgt Ion: 43 Resp: 620

Ion Ratio Lower Upper

43 100

58 25.6 31.7 47.5#



#31

Cyclohexane

Concen: 1.139 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY017712.D

Acq: 19 Mar 2024 17:20

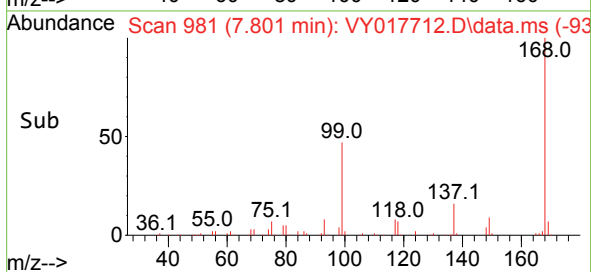
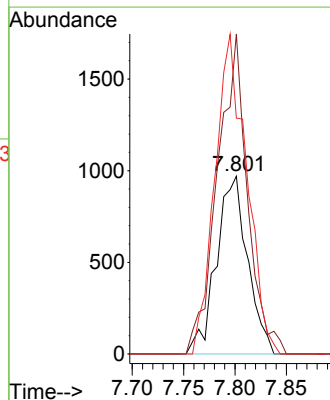
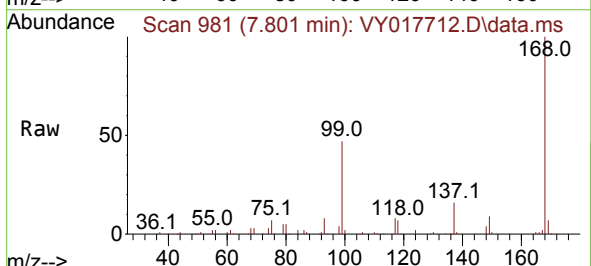
Tgt Ion: 56 Resp: 2047

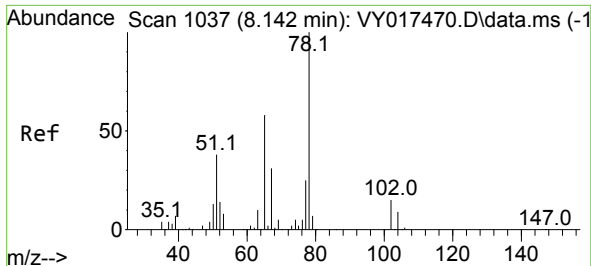
Ion Ratio Lower Upper

56 100

69 180.0 28.7 43.1#

84 132.7 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 51.851 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.012 min

Lab File: VY017712.D

Acq: 19 Mar 2024 17:20

Instrument :

MSVOA_Y

ClientSampleId :

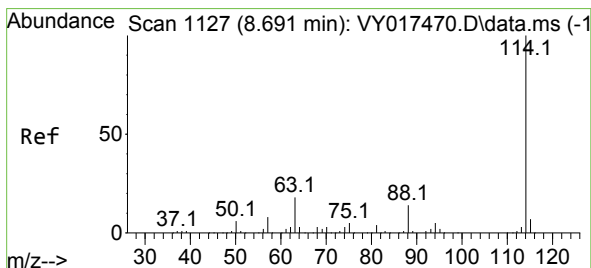
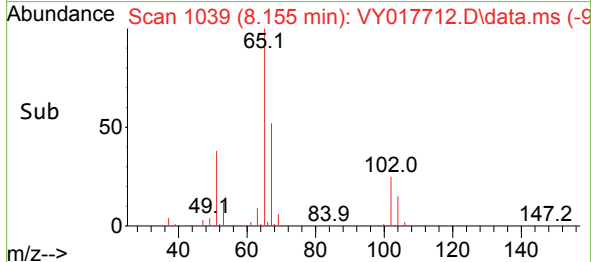
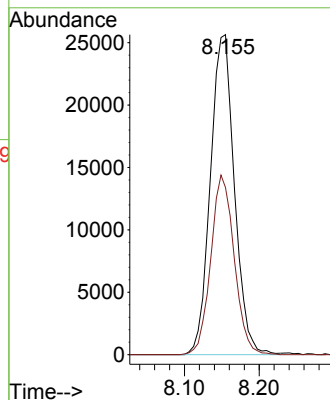
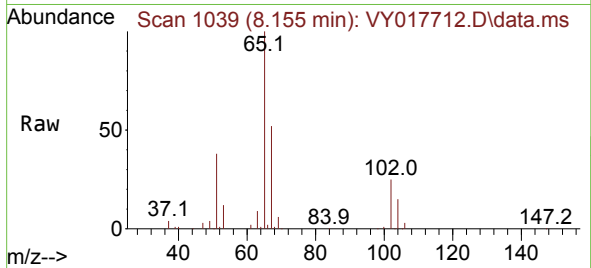
TRENCH-PIT

Tgt Ion: 65 Resp: 57264

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017712.D

Acq: 19 Mar 2024 17:20

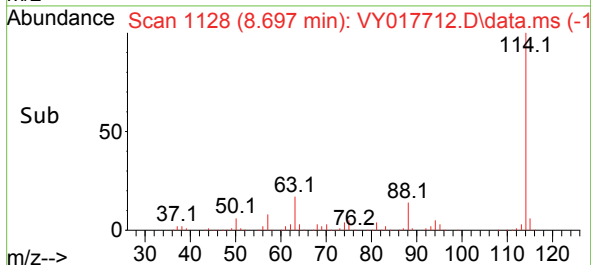
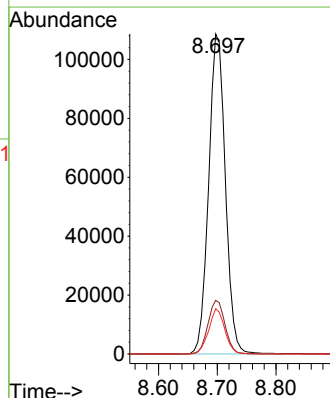
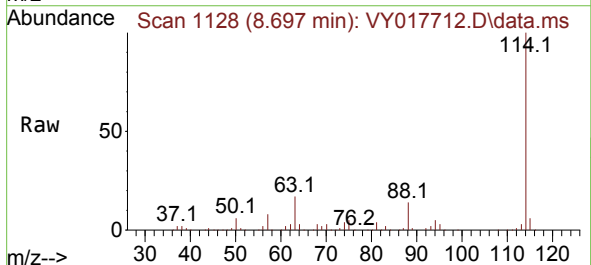
Tgt Ion: 114 Resp: 214688

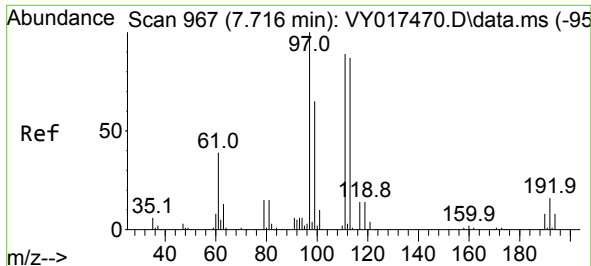
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 14.2 0.0 27.2

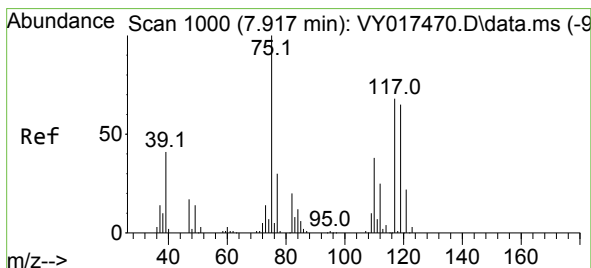
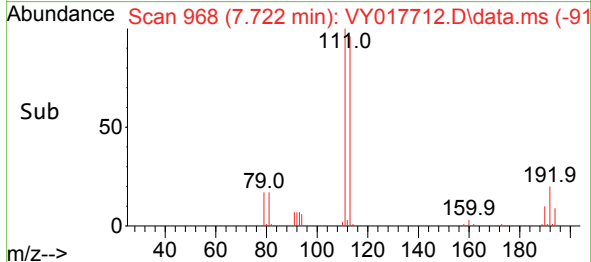
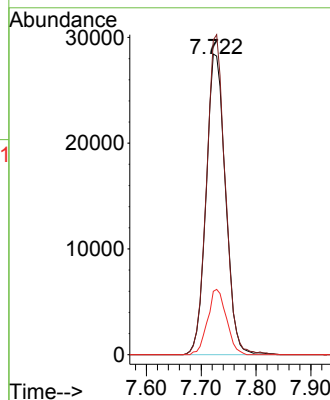
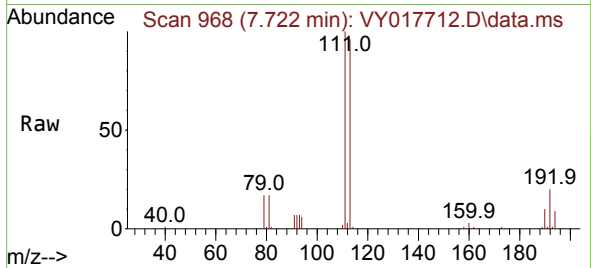




#35
Dibromofluoromethane
Concen: 46.511 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017712.D
Acq: 19 Mar 2024 17:20

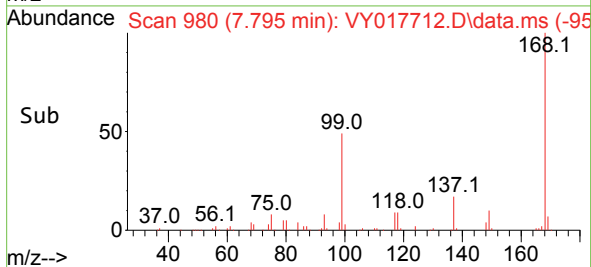
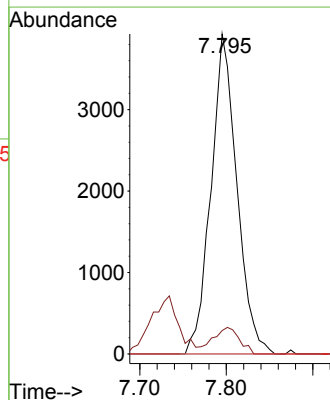
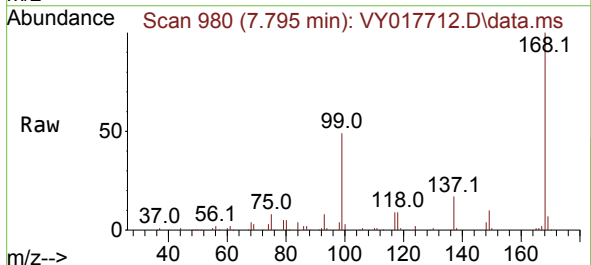
Instrument :
MSVOA_Y
ClientSampleId :
TRENCH-PIT

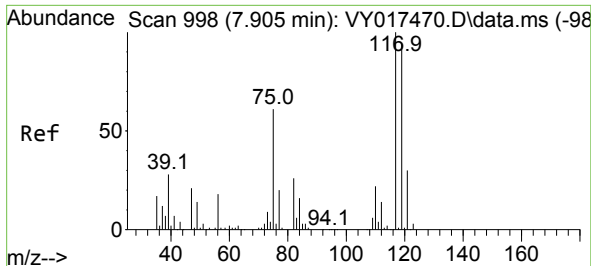
Tgt Ion:113 Resp: 69581
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 21.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.043 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017712.D
Acq: 19 Mar 2024 17:20

Tgt Ion: 75 Resp: 8160
Ion Ratio Lower Upper
75 100
110 8.2 19.0 57.0#
77 0.0 25.3 37.9#

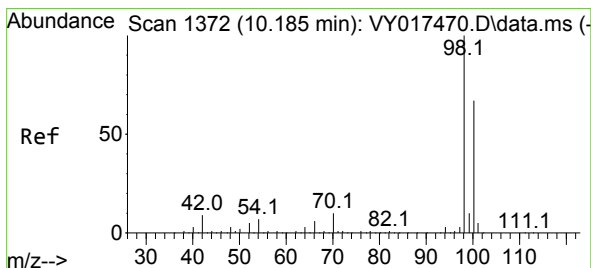
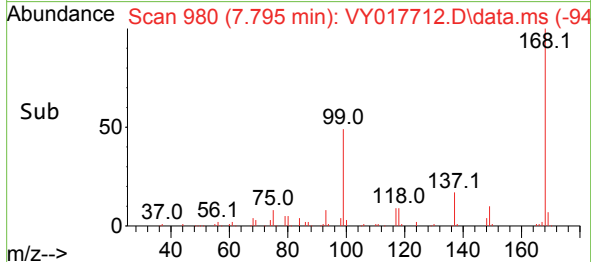
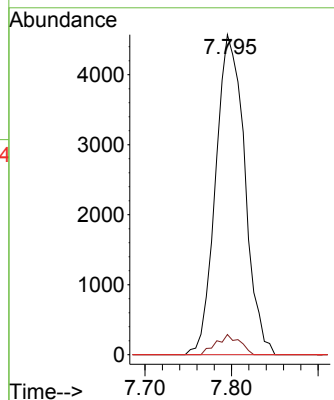
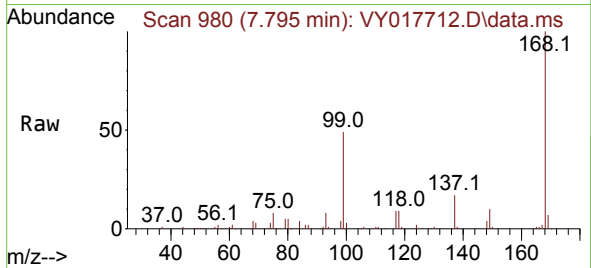




#38
Carbon Tetrachloride
Concen: 5.258 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY017712.D
Acq: 19 Mar 2024 17:20

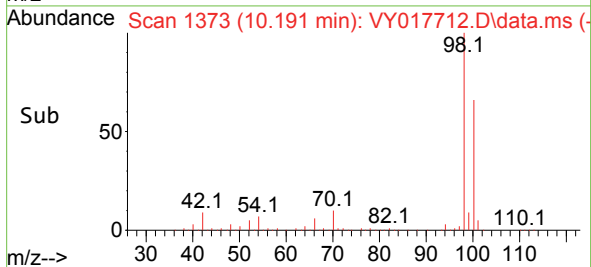
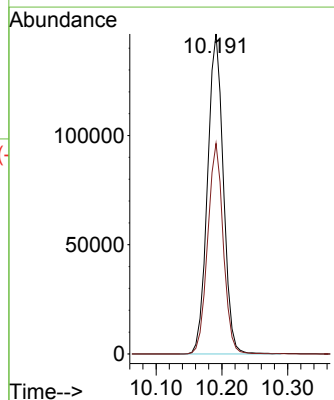
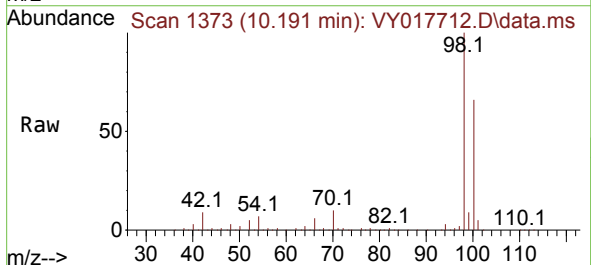
Instrument :
MSVOA_Y
ClientSampleId :
TRENCH-PIT

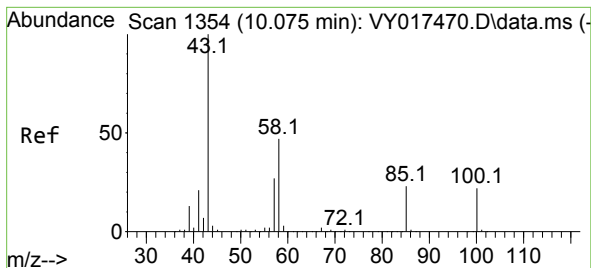
Tgt Ion:117 Resp: 10637
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.799 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017712.D
Acq: 19 Mar 2024 17:20

Tgt Ion: 98 Resp: 244786
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

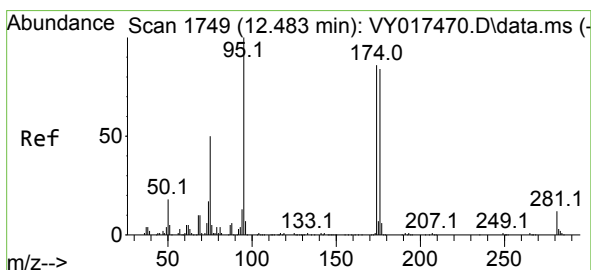
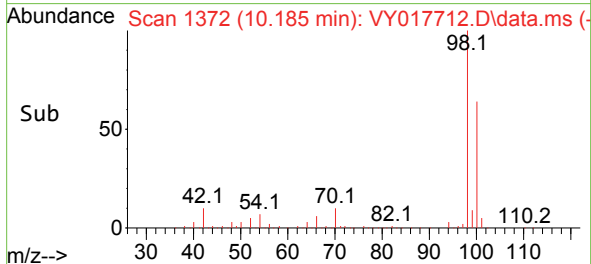
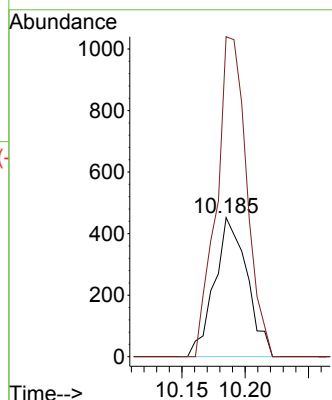
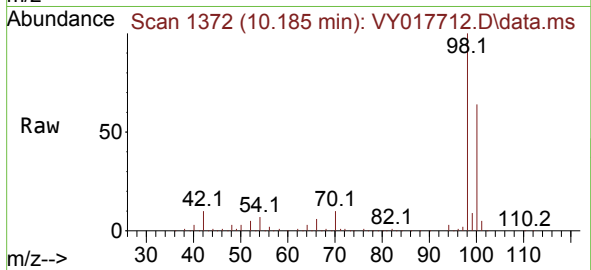




#51
 4-Methyl-2-Pentanone
 Concen: 1.035 ug/l
 RT: 10.185 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY017712.D
 Acq: 19 Mar 2024 17:20

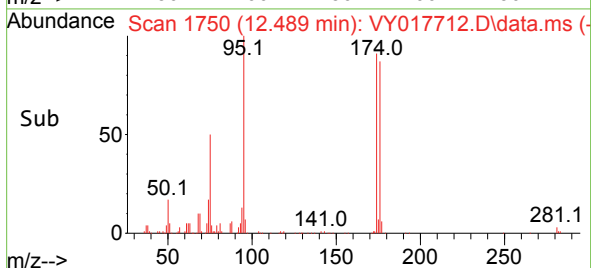
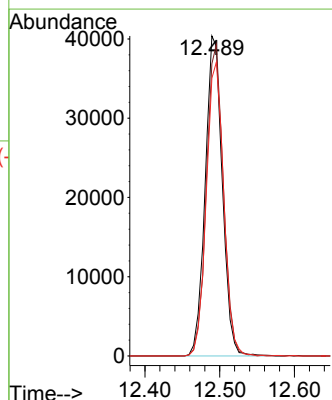
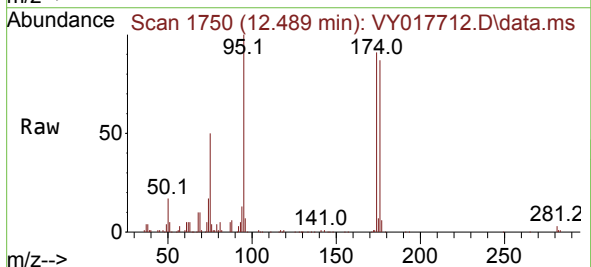
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 ClientSampleId :
 TRENCH-PIT

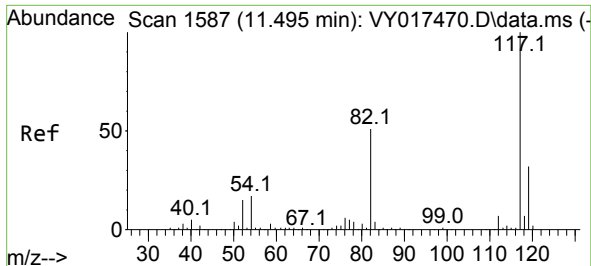
Tgt Ion: 43 Resp: 808
 Ion Ratio Lower Upper
 43 100
 58 213.6 35.7 53.5#



#62
 4-Bromofluorobenzene
 Concen: 38.962 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VY017712.D
 Acq: 19 Mar 2024 17:20

Tgt Ion: 95 Resp: 64047
 Ion Ratio Lower Upper
 95 100
 174 97.0 0.0 175.6
 176 93.4 0.0 171.4

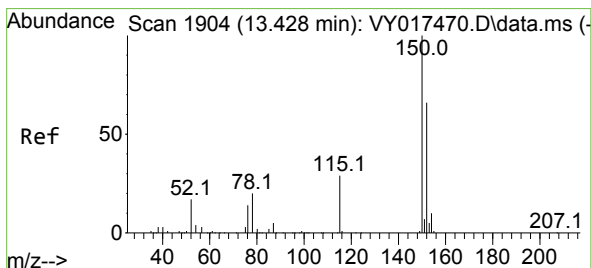
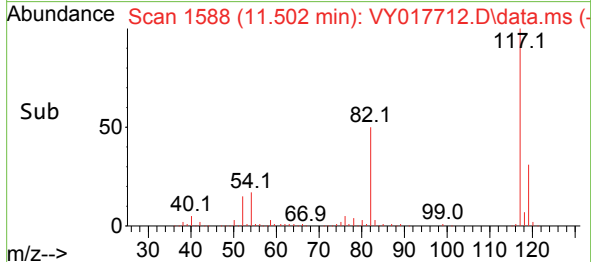
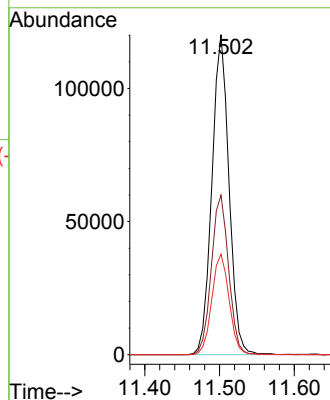
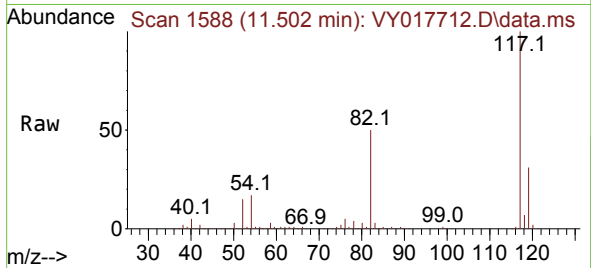




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017712.D
Acq: 19 Mar 2024 17:20

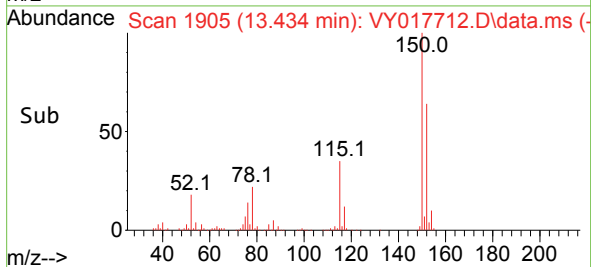
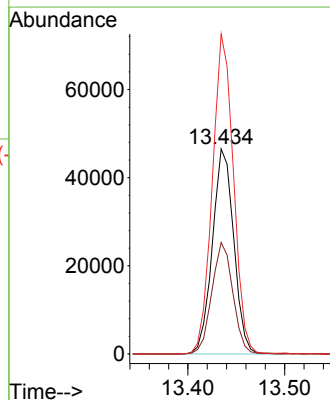
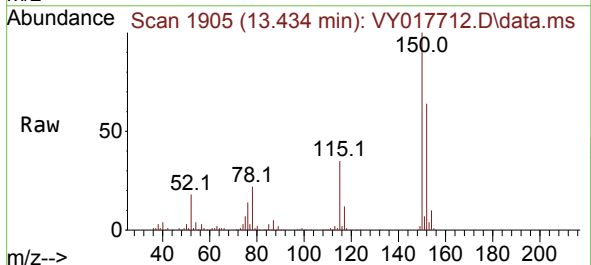
Instrument :
MSVOA_Y
ClientSampleId :
TRENCH-PIT

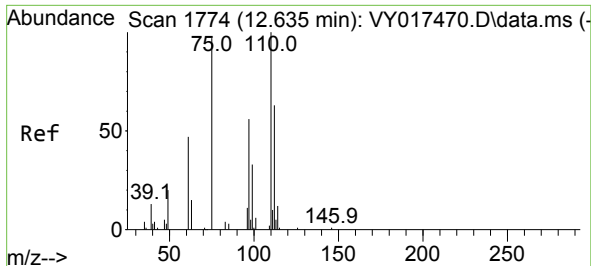
Tgt Ion:117 Resp: 191378
Ion Ratio Lower Upper
117 100
82 49.9 42.4 63.6
119 31.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017712.D
Acq: 19 Mar 2024 17:20

Tgt Ion:152 Resp: 71384
Ion Ratio Lower Upper
152 100
115 53.6 28.2 84.7
150 154.4 0.0 345.6

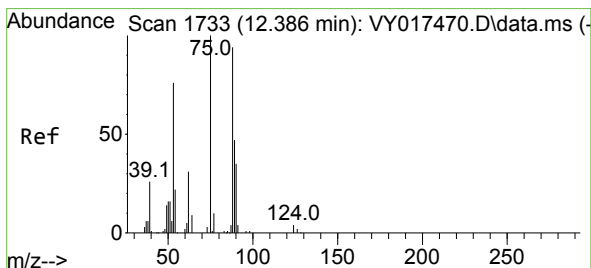
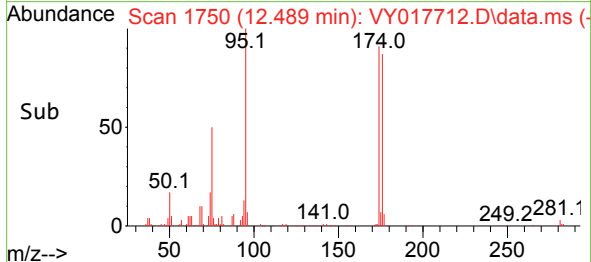
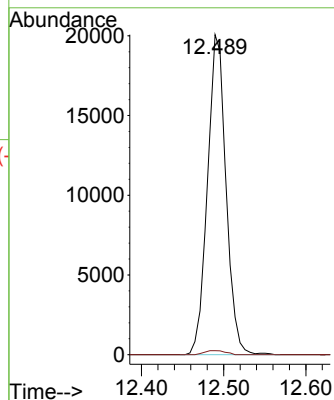
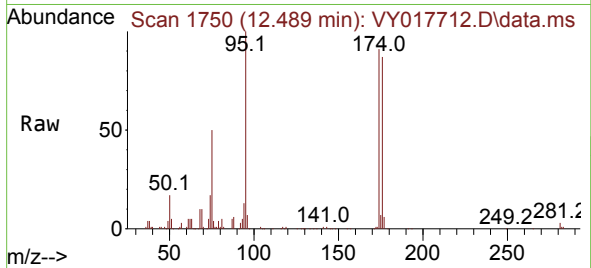




#76
1,2,3-Trichloropropane
Concen: 46.378 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017712.D
Acq: 19 Mar 2024 17:20

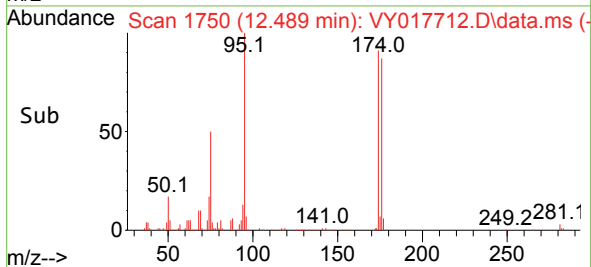
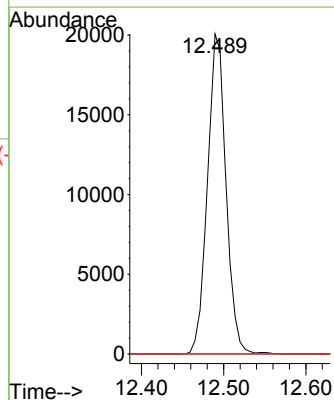
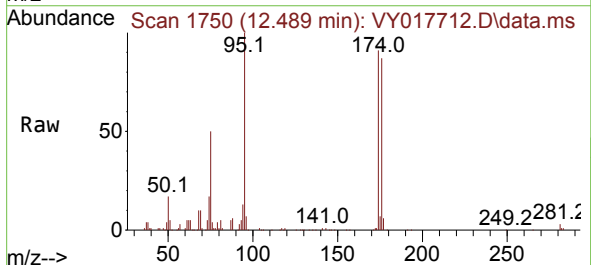
Instrument :
MSVOA_Y
ClientSampleId :
TRENCH-PIT

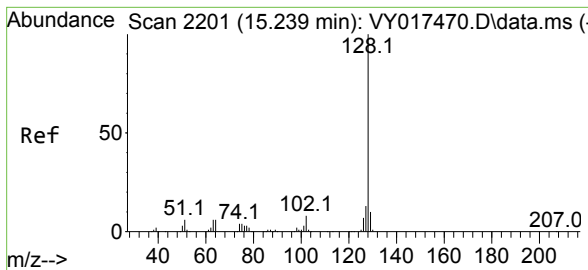
Tgt Ion: 75 Resp: 31456
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 106.566 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017712.D
Acq: 19 Mar 2024 17:20

Tgt Ion: 75 Resp: 31456
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 3.991 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY017712.D
Acq: 19 Mar 2024 17:20

Instrument :
MSVOA_Y
ClientSampleId :
TRENCH-PIT

Tgt Ion:	128	Resp:	187
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

