

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052423\
 Data File : VV031222.D
 Acq On : 24 May 2023 17:57
 Operator : SY/MD
 Sample : 02866-15DL 50X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX90DL

Quant Time: May 25 01:16:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 25 01:11:46 2023
 Response via : Initial Calibration

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

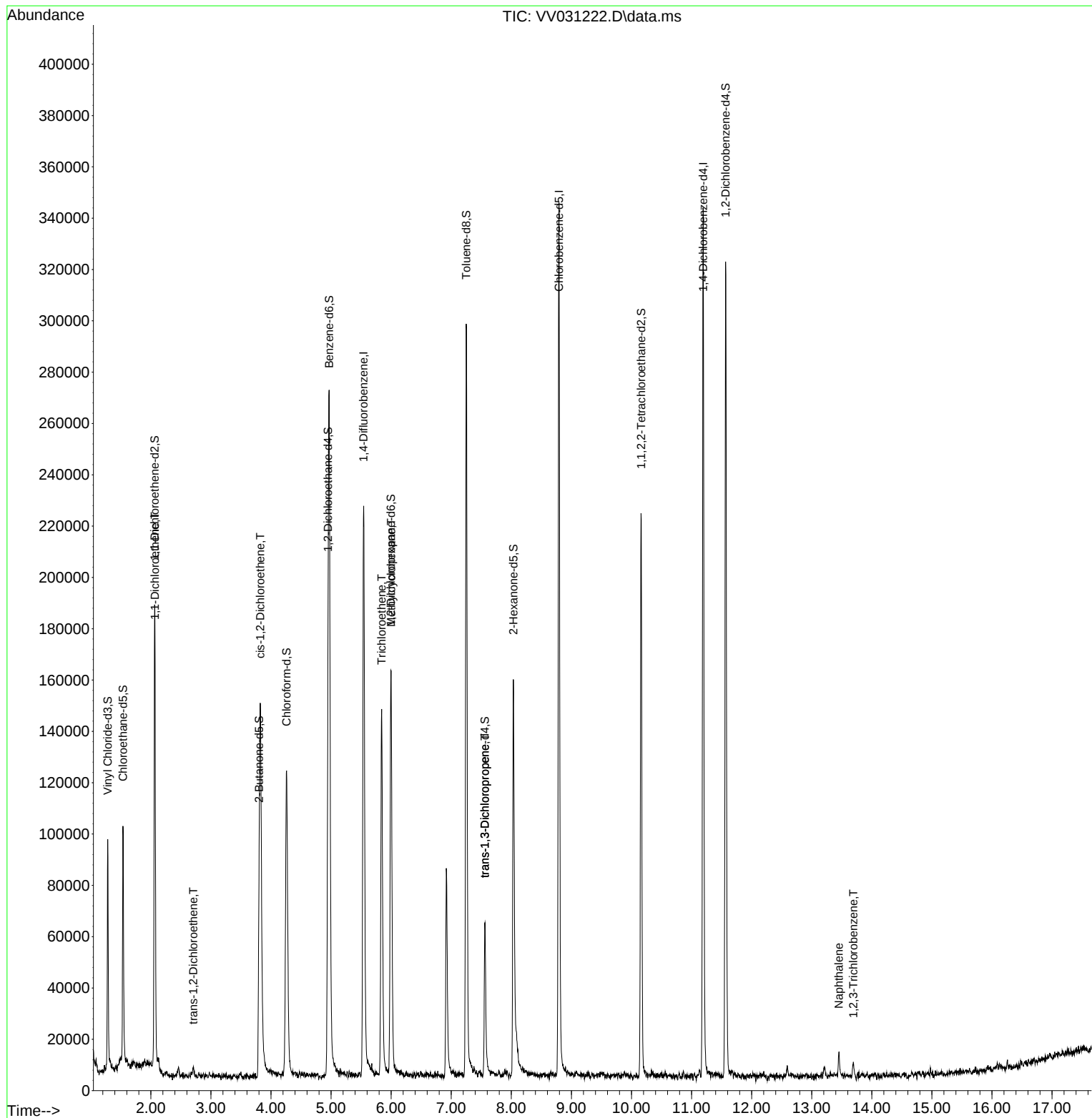
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	180652	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	176342	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	91351	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	56226	36.418	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.840%
7) Chloroethane-d5	1.535	69	55658	46.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.063	65	30246	41.777	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.560%
21) 2-Butanone-d5	3.802	46	80834	98.260	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.260%
24) Chloroform-d	4.259	84	119308	43.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.360%
26) 1,2-Dichloroethane-d4	4.950	65	90589	49.083	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.160%
32) Benzene-d6	4.969	84	208040	43.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.040%
36) 1,2-Dichloropropane-d6	5.995	67	62338	43.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.160%
41) Toluene-d8	7.249	98	187848	42.102	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.561	79	30921	43.088	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.180%
47) 2-Hexanone-d5	8.034	63	47932	85.947	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.950%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	90961	42.399	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	78723	47.956	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.920%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	1434	1.429	ug/L #	1
17) trans-1,2-Dichloroethene	2.706	96	613	0.661	ug/L	82
20) cis-1,2-Dichloroethene	3.821	96	62642	54.769	ug/L	97
34) Trichloroethene	5.841	95	46504	41.082	ug/L	97
35) Methylcyclohexane	5.998	83	17121	11.398	ug/L #	18
44) trans-1,3-Dichloropropene	7.561	75	2265	1.249	ug/L #	83
71) Naphthalene	13.451	128	6313	1.476	ug/L	96
72) 1,2,3-Trichlorobenzene	13.692	180	1484	0.902	ug/L #	96

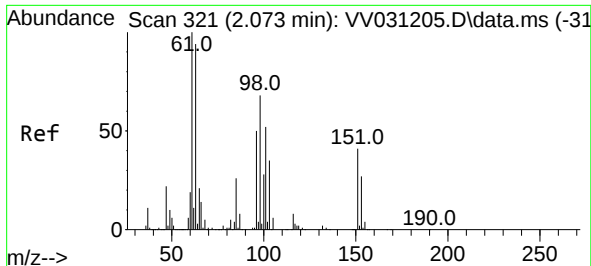
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 25 01:11:46 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.429 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031222.D

Acq: 24 May 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

GBX90DL

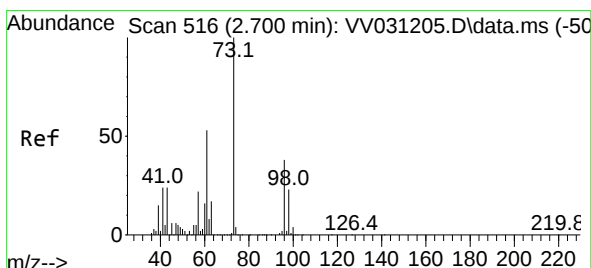
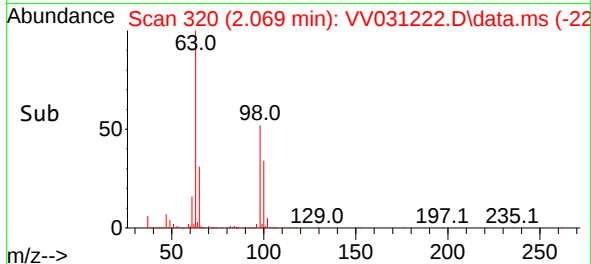
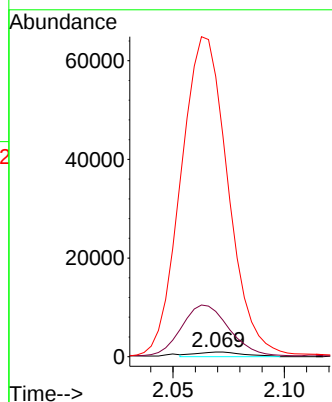
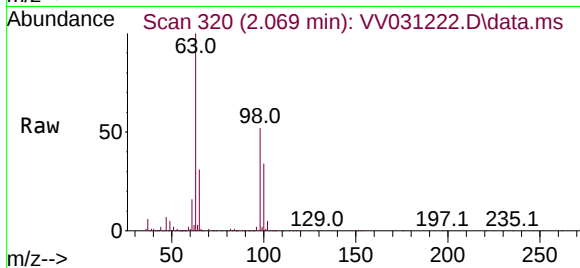
Tgt Ion: 96 Resp: 1434

Ion Ratio Lower Upper

96 100

61 971.7 137.9 256.1#

63 6007.6 114.2 212.0#



#17

trans-1,2-Dichloroethene

Concen: 0.661 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.006 min

Lab File: VV031222.D

Acq: 24 May 2023 17:57

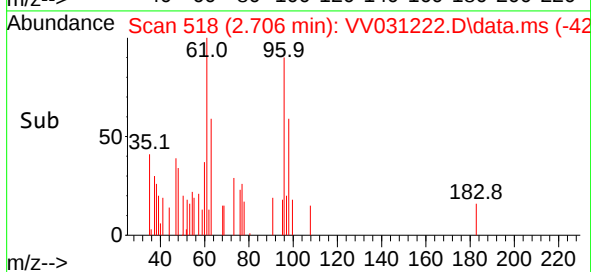
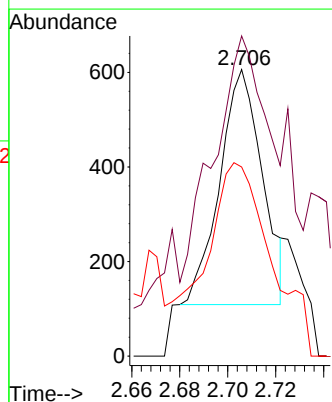
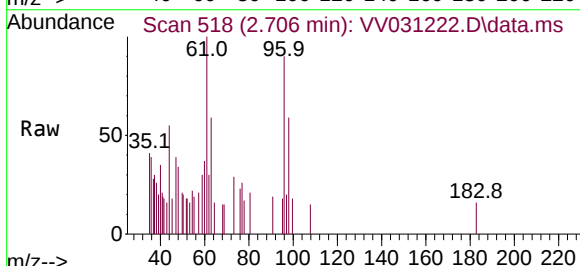
Tgt Ion: 96 Resp: 613

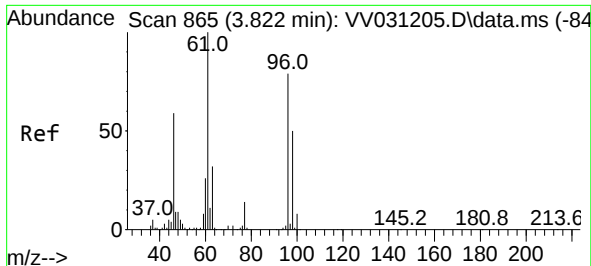
Ion Ratio Lower Upper

96 100

61 111.7 100.0 185.6

98 66.0 45.4 84.2

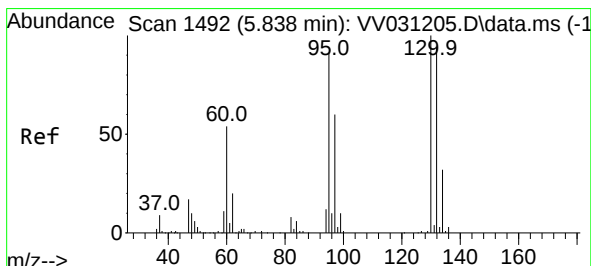
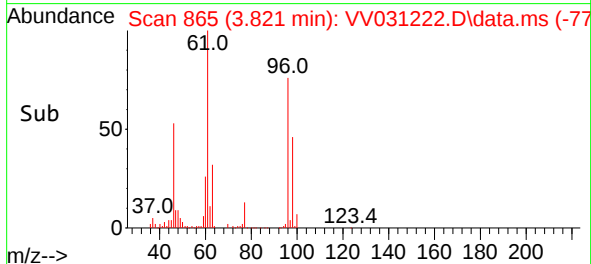
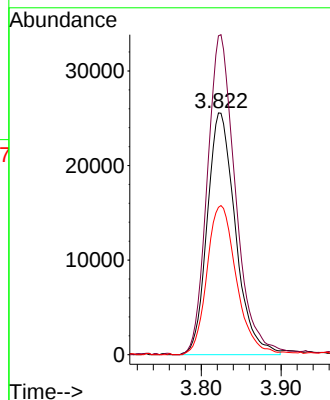
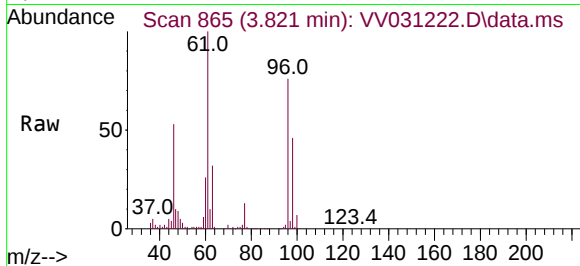




#20
 cis-1,2-Dichloroethene
 Concen: 54.769 ug/L
 RT: 3.821 min Scan# 865
 Delta R.T. -0.000 min
 Lab File: VV031222.D
 Acq: 24 May 2023 17:57

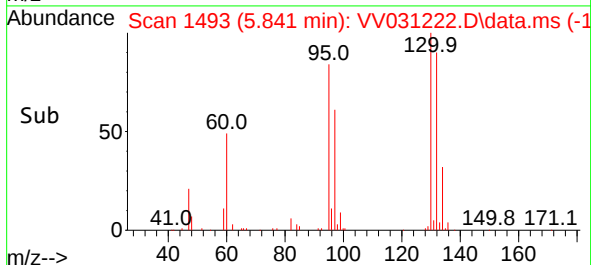
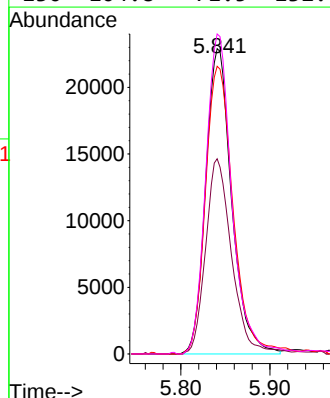
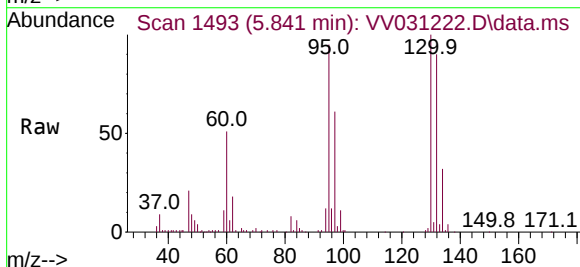
Instrument :
 MSVOA_V
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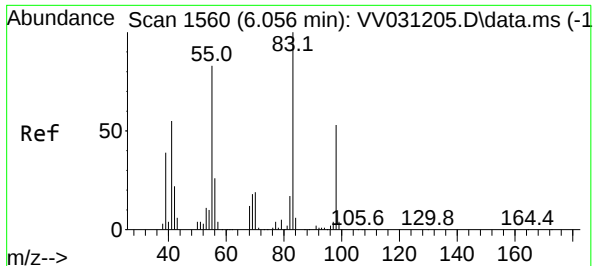
Tgt Ion: 96 Resp: 62642
 Ion Ratio Lower Upper
 96 100
 61 131.9 89.2 165.6
 98 60.9 43.0 80.0



#34
 Trichloroethene
 Concen: 41.082 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. 0.003 min
 Lab File: VV031222.D
 Acq: 24 May 2023 17:57

Tgt Ion: 95 Resp: 46504
 Ion Ratio Lower Upper
 95 100
 97 63.9 44.4 82.5
 132 94.2 70.2 130.4
 130 104.8 71.5 132.7





#35

Methylcyclohexane

Concen: 11.398 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV031222.D

Acq: 24 May 2023 17:57

Instrument :

MSVOA_V

ClientSampleId :

GBX90DL

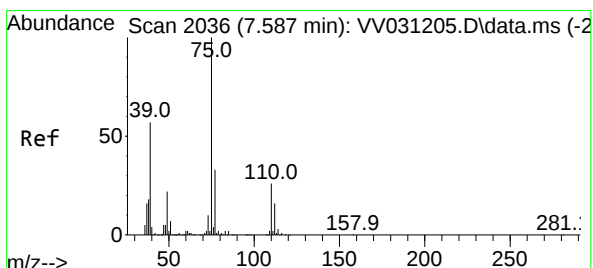
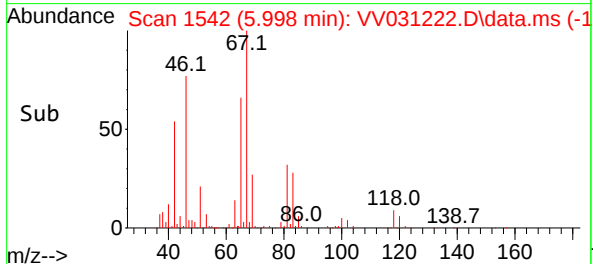
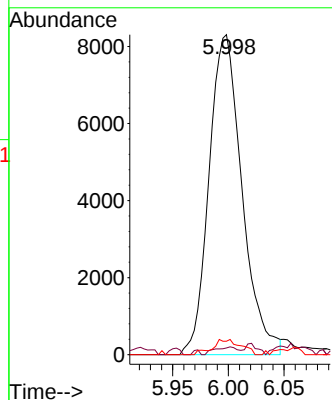
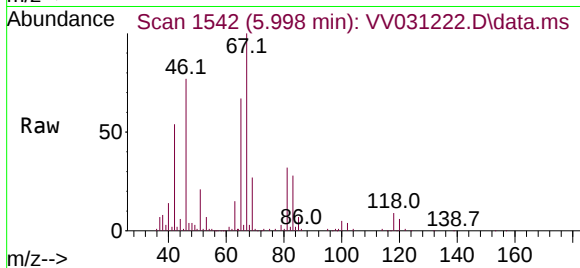
Tgt Ion: 83 Resp: 17121

Ion Ratio Lower Upper

83 100

55 0.9 64.2 96.2#

98 1.9 40.0 60.0#



#44

trans-1,3-Dichloropropene

Concen: 1.249 ug/L

RT: 7.561 min Scan# 2028

Delta R.T. -0.026 min

Lab File: VV031222.D

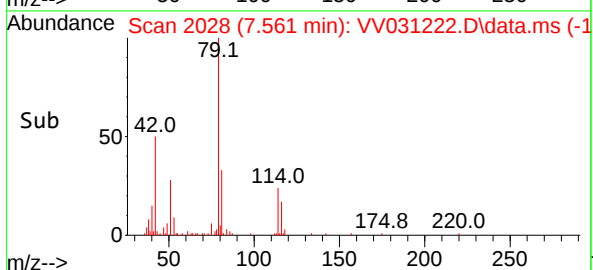
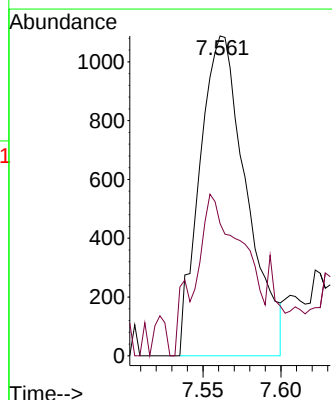
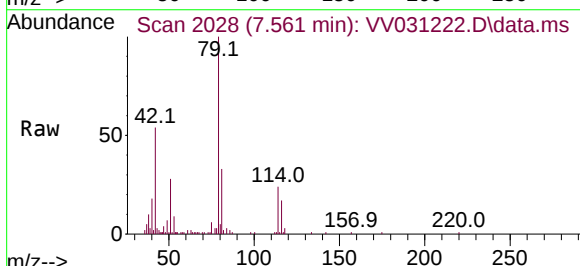
Acq: 24 May 2023 17:57

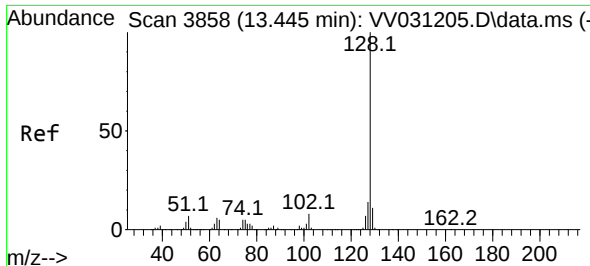
Tgt Ion: 75 Resp: 2265

Ion Ratio Lower Upper

75 100

77 41.4 22.2 41.2#

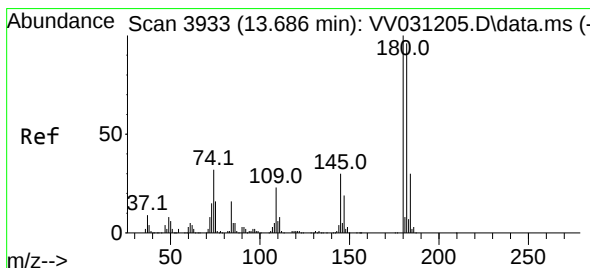
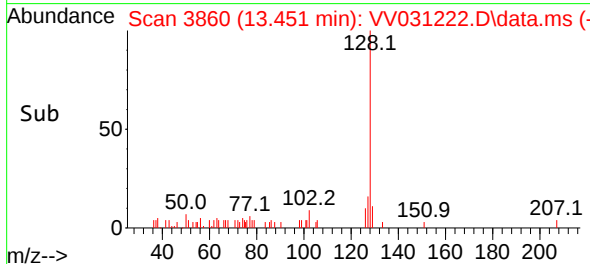
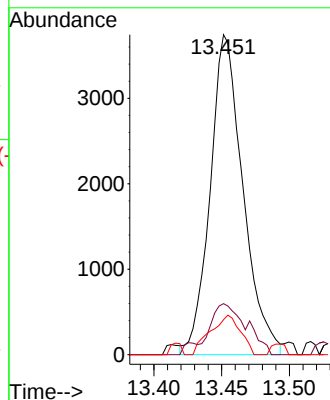
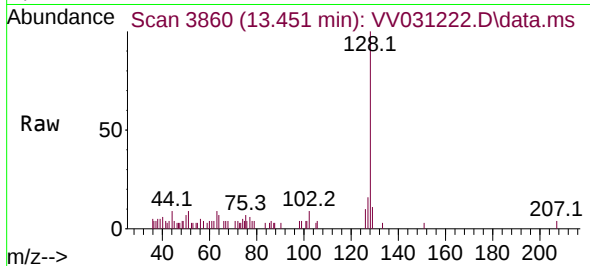




#71
Naphthalene
Concen: 1.476 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.006 min
Lab File: VV031222.D
Acq: 24 May 2023 17:57

Instrument :
MSVOA_V
ClientSampleId :
GBX90DL

Tgt Ion:128	Resp:	6313
Ion Ratio	Lower	Upper
128	100	
127	10.6	10.6 16.0
129	11.3	8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 0.902 ug/L
RT: 13.692 min Scan# 3935
Delta R.T. 0.006 min
Lab File: VV031222.D
Acq: 24 May 2023 17:57

Tgt Ion:180	Resp:	1484
Ion Ratio	Lower	Upper
180	100	
182	92.3	75.4 113.0
145	24.1	24.2 36.4#

