

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031131.D
 Acq On : 20 May 2023 01:52
 Operator : SY/MD
 Sample : 02865-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX60

Quant Time: May 20 06:24:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 01:55:03 2023
 Response via : Initial Calibration

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

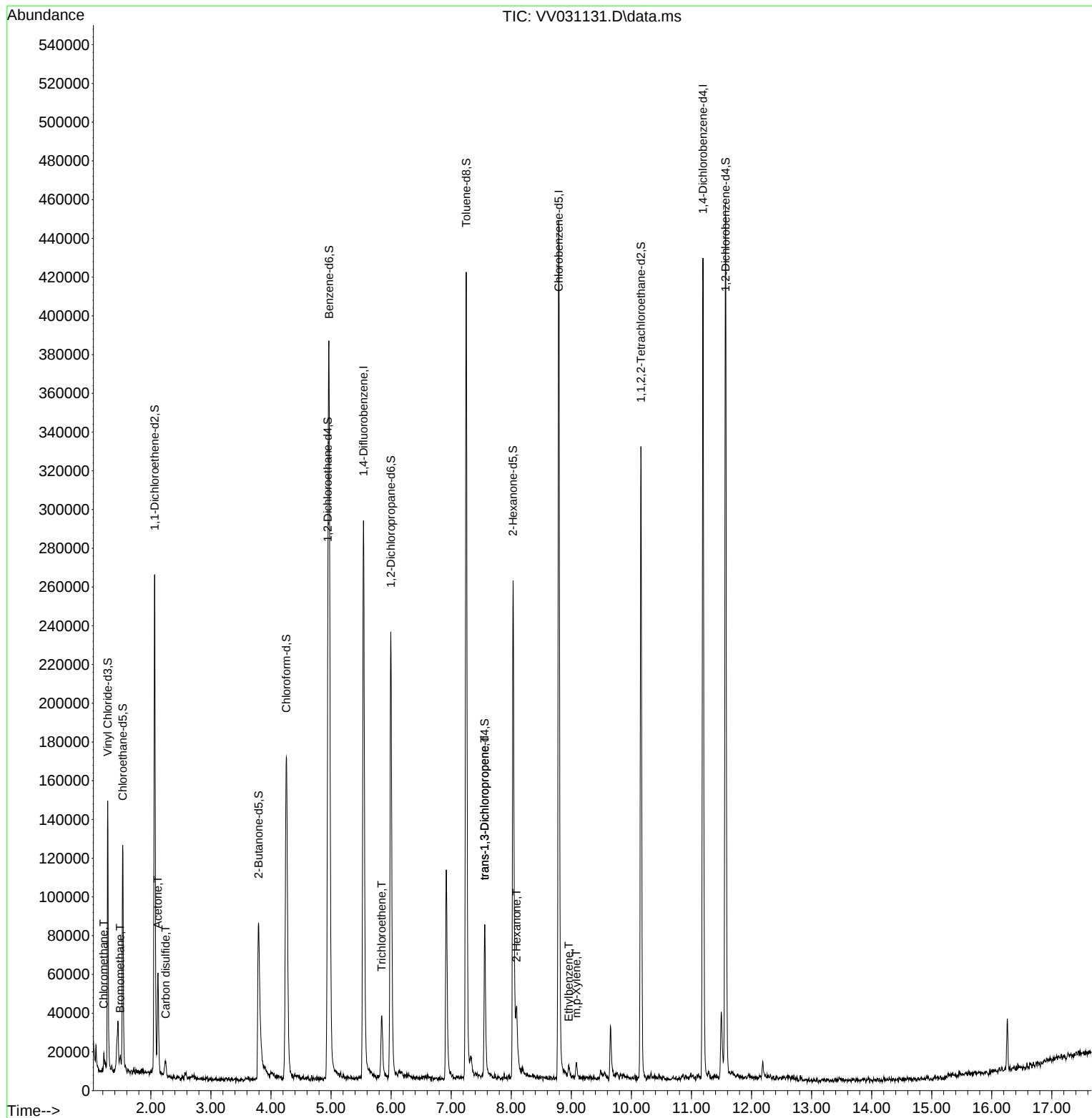
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	241570	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	234872	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	109682	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	90434	43.804	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.600%
7) Chloroethane-d5	1.532	69	75445	47.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.880%
11) 1,1-Dichloroethene-d2	2.063	65	43368	44.796	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.600%
21) 2-Butanone-d5	3.793	46	134196	121.989	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.990%
24) Chloroform-d	4.256	84	173177	47.416	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.840%
26) 1,2-Dichloroethane-d4	4.947	65	123961	50.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.460%
32) Benzene-d6	4.966	84	315362	49.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.060%
36) 1,2-Dichloropropane-d6	5.995	67	95211	49.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.960%
41) Toluene-d8	7.249	98	278065	46.792	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.580%
43) trans-1,3-Dichloroprop...	7.558	79	45002	47.082	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.160%
47) 2-Hexanone-d5	8.030	63	83226	112.044	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.040%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	139360	48.771	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.540%
66) 1,2-Dichlorobenzene-d4	11.567	152	114208	57.945	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	7051	4.130	ug/L	96
6) Bromomethane	1.487	94	2422	2.834	ug/L	96
13) Acetone	2.117	43	51670	36.129	ug/L	98
14) Carbon disulfide	2.246	76	4053	1.657	ug/L #	90
34) Trichloroethene	5.844	95	10750	7.130	ug/L	96
44) trans-1,3-Dichloropropene	7.558	75	2652	1.098	ug/L	84
48) 2-Hexanone	8.088	43	18879	9.511	ug/L #	95
52) Ethylbenzene	8.956	91	3874	0.556	ug/L	99
53) m,p-Xylene	9.085	106	2051	0.759	ug/L	67

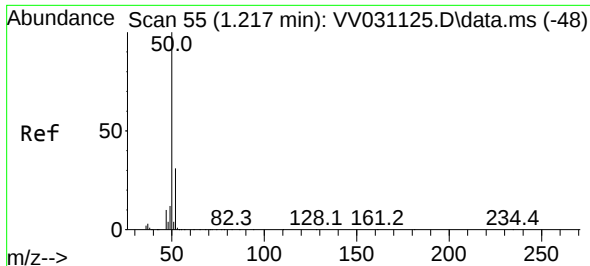
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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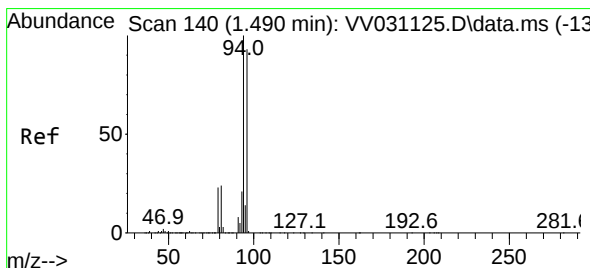
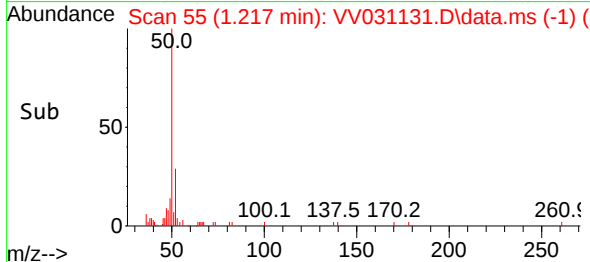
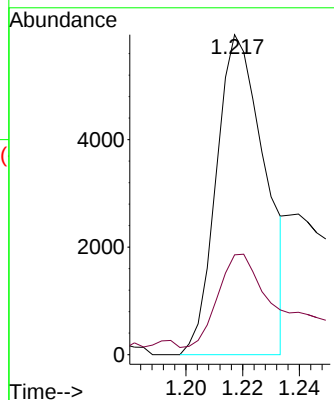
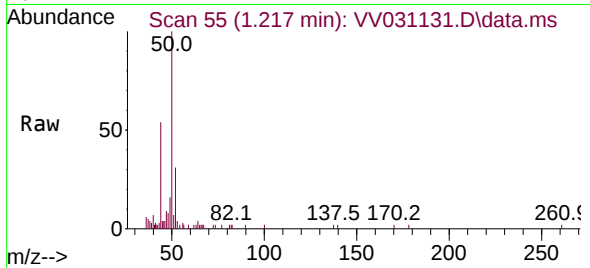




#3
Chloromethane
Concen: 4.130 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV031131.D
Acq: 20 May 2023 01:52

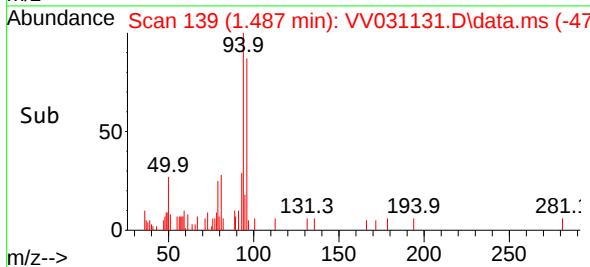
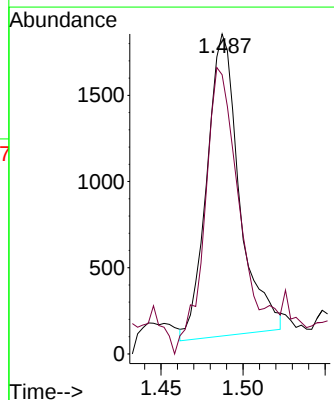
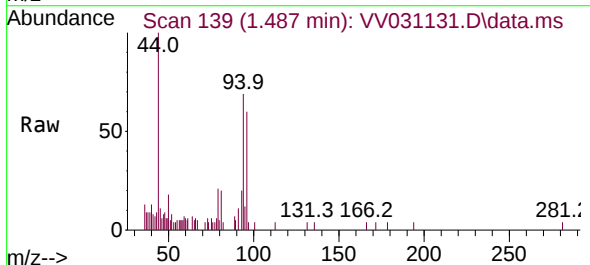
Instrument :
MSVOA_V
ClientSampleId :
GBX60

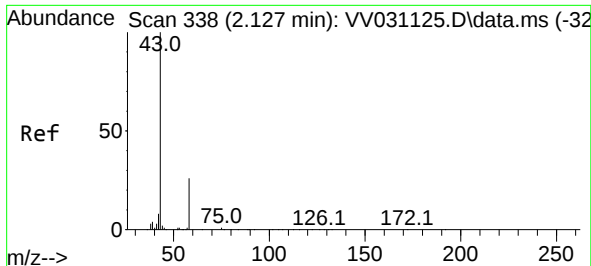
Tgt Ion: 50 Resp: 7051
Ion Ratio Lower Upper
50 100
52 31.2 23.3 43.3



#6
Bromomethane
Concen: 2.834 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.003 min
Lab File: VV031131.D
Acq: 20 May 2023 01:52

Tgt Ion: 94 Resp: 2422
Ion Ratio Lower Upper
94 100
96 87.2 63.9 118.7





#13

Acetone

Concen: 36.129 ug/L

RT: 2.117 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV031131.D

Acq: 20 May 2023 01:52

Instrument :

MSVOA_V

ClientSampleId :

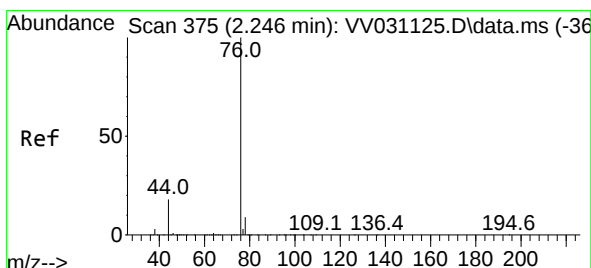
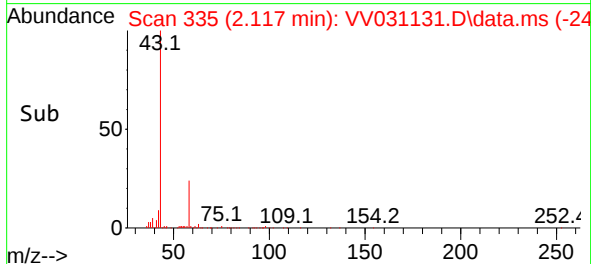
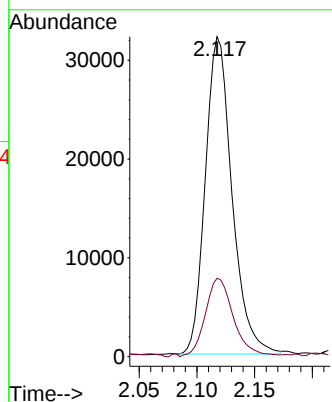
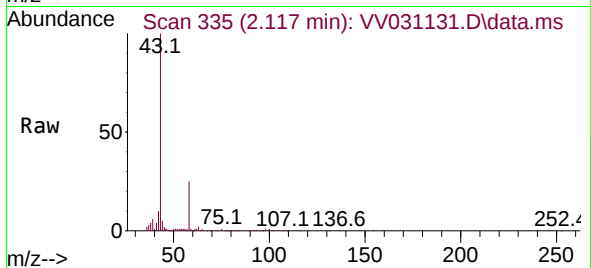
GBX60

Tgt Ion: 43 Resp: 51670

Ion Ratio Lower Upper

43 100

58 26.1 0.0 54.0



#14

Carbon disulfide

Concen: 1.657 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

Lab File: VV031131.D

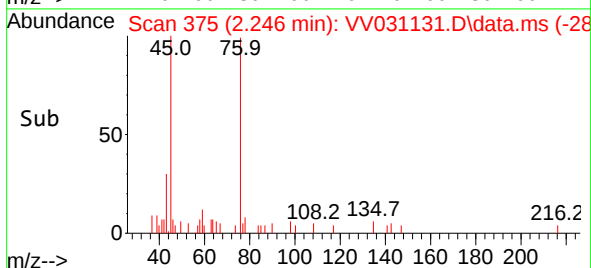
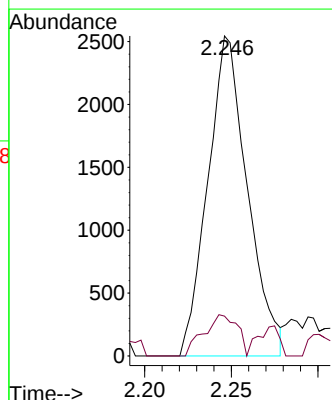
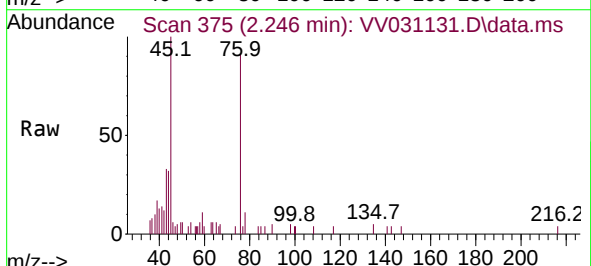
Acq: 20 May 2023 01:52

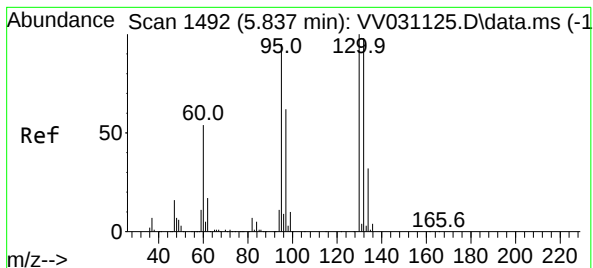
Tgt Ion: 76 Resp: 4053

Ion Ratio Lower Upper

76 100

78 12.5 7.0 10.4#





#34

Trichloroethene

Concen: 7.130 ug/L

RT: 5.844 min Scan# 1492

Delta R.T. 0.006 min

Lab File: VV031131.D

Acq: 20 May 2023 01:52

Instrument :

MSVOA_V

ClientSampleId :

GBX60

Tgt Ion: 95 Resp: 10750

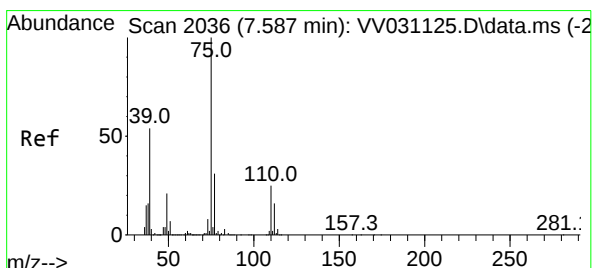
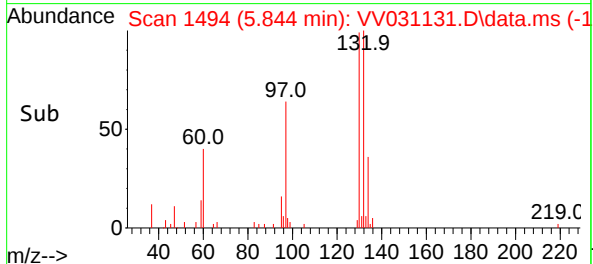
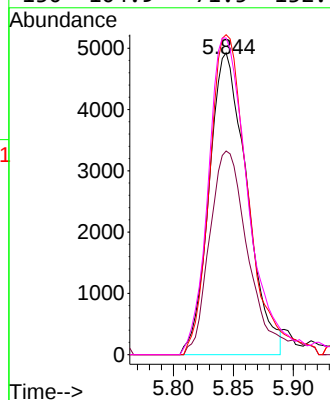
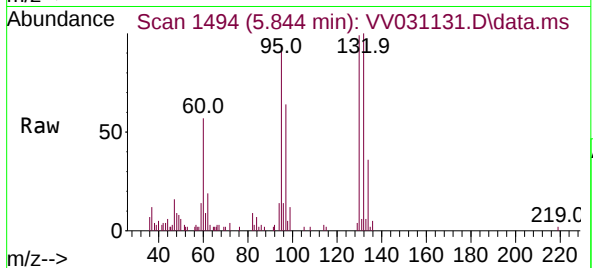
Ion Ratio Lower Upper

95 100

97 67.5 44.4 82.5

132 106.0 70.2 130.4

130 104.9 71.5 132.7



#44

trans-1,3-Dichloropropene

Concen: 1.098 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.029 min

Lab File: VV031131.D

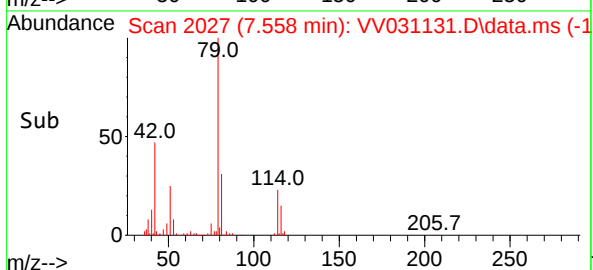
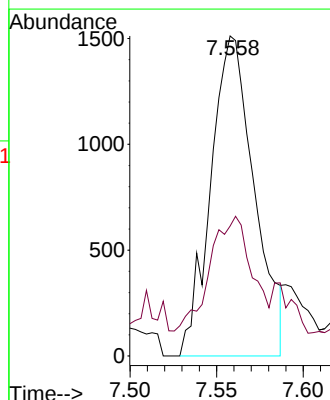
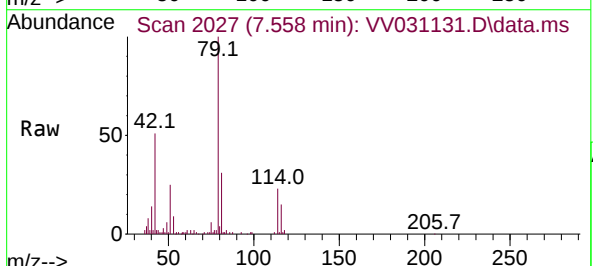
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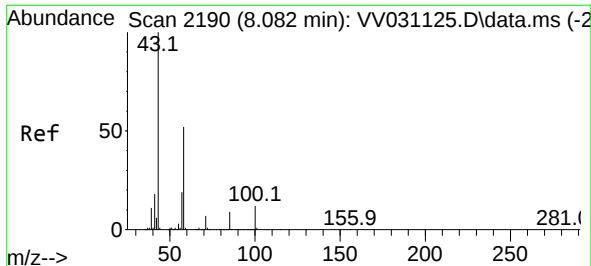
Tgt Ion: 75 Resp: 2652

Ion Ratio Lower Upper

75 100

77 40.6 22.2 41.2

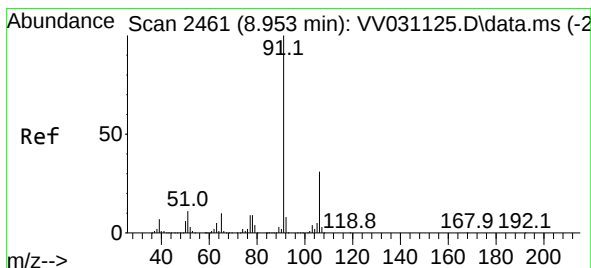
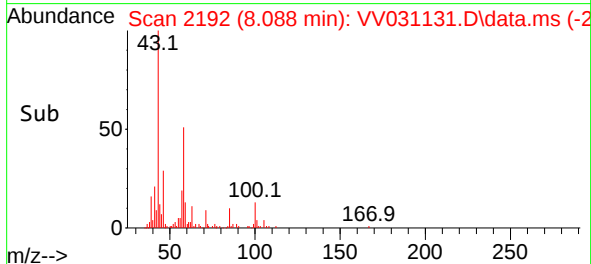
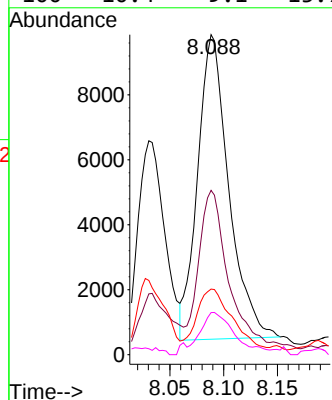
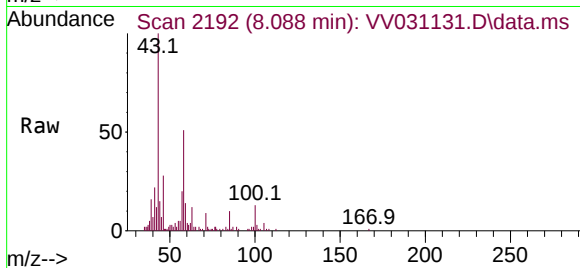




#48
2-Hexanone
Concen: 9.511 ug/L
RT: 8.088 min Scan# 2190
Delta R.T. 0.006 min
Lab File: VV031131.D
Acq: 20 May 2023 01:52

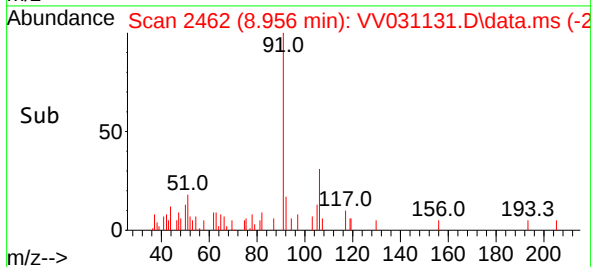
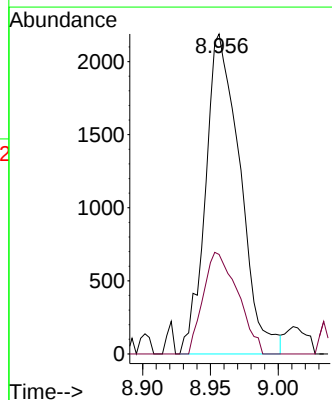
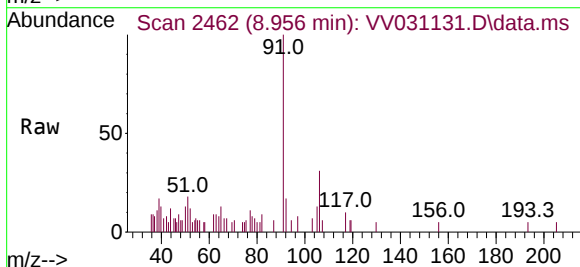
Instrument :
MSVOA_V
ClientSampleId :
GBX60

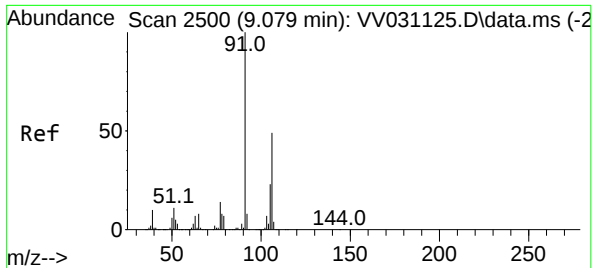
Tgt Ion: 43	Resp: 18879
Ion Ratio	Lower Upper
43 100	
58 46.5	39.8 59.6
57 21.8	14.4 21.6#
100 10.4	9.1 13.7



#52
Ethylbenzene
Concen: 0.556 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.003 min
Lab File: VV031131.D
Acq: 20 May 2023 01:52

Tgt Ion: 91	Resp: 3874		
Ion Ratio	Lower	Upper	
91 100			
106 31.1	21.5	39.9	





#53
 m,p-Xylene
 Concen: 0.759 ug/L
 RT: 9.085 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV031131.D
 Acq: 20 May 2023 01:52

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX60

Tgt Ion:106 Resp: 2051
 Ion Ratio Lower Upper
 106 100
 91 156.8 145.3 269.8

