

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060823\
 Data File : VV031464.D
 Acq On : 08 Jun 2023 22:05
 Operator : SY/MD
 Sample : 03106-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FD3

Quant Time: Jun 09 06:53:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 09 06:27:10 2023
 Response via : Initial Calibration

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

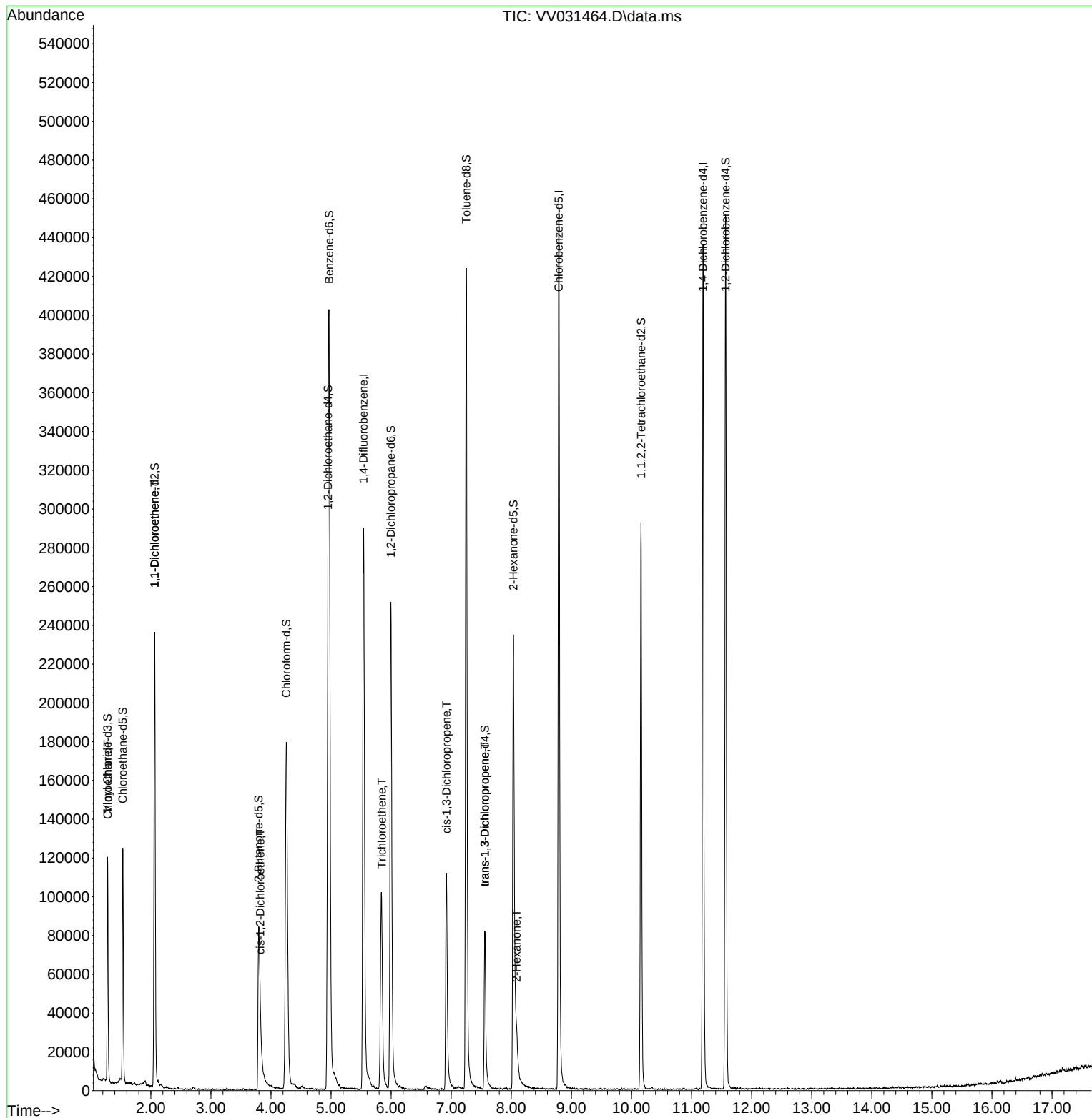
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	229188	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	240774	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	112298	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	78143	38.752	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.500%
7) Chloroethane-d5	1.532	69	78911	48.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.680%
11) 1,1-Dichloroethene-d2	2.063	65	41786	43.723	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.440%
21) 2-Butanone-d5	3.796	46	147603	101.286	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.290%
24) Chloroform-d	4.256	84	192869	50.283	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.560%
26) 1,2-Dichloroethane-d4	4.947	65	134010	52.080	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.160%
32) Benzene-d6	4.966	84	331472	46.630	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.260%
36) 1,2-Dichloropropane-d6	5.995	67	121580	49.205	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.400%
41) Toluene-d8	7.249	98	279763	42.842	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.680%
43) trans-1,3-Dichloroprop...	7.558	79	50540	40.606	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.220%
47) 2-Hexanone-d5	8.034	63	74314	79.853	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.850%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	139336	44.684	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.360%
66) 1,2-Dichlorobenzene-d4	11.567	152	112576	54.041	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.080%
Target Compounds						
					Qvalue	
8) Chloroethane	1.281	64	1143	1.594	ug/L #	1
12) 1,1-Dichloroethene	2.063	96	1137	1.244	ug/L #	1
20) cis-1,2-Dichloroethene	3.822	96	1467	1.041	ug/L	94
34) Trichloroethene	5.844	95	28848	17.235	ug/L	91
39) cis-1,3-Dichloropropene	6.921	75	3212	1.124	ug/L	91
44) trans-1,3-Dichloropropene	7.558	75	2389	0.824	ug/L	89
48) 2-Hexanone	8.088	43	16496	6.784	ug/L #	74

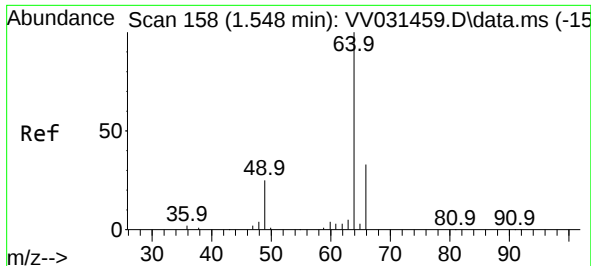
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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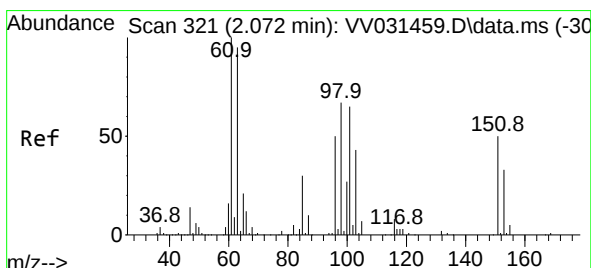
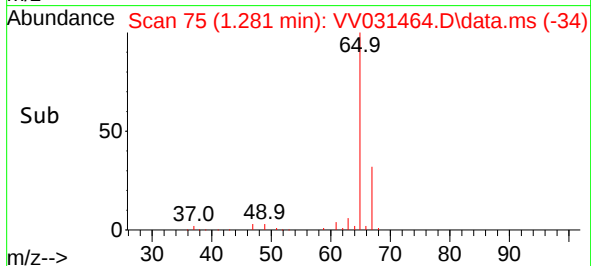
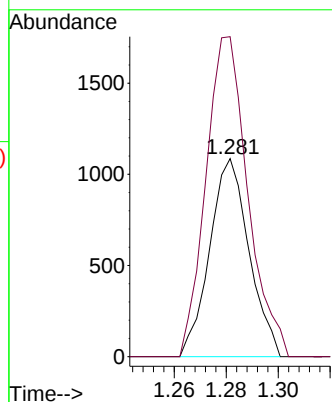
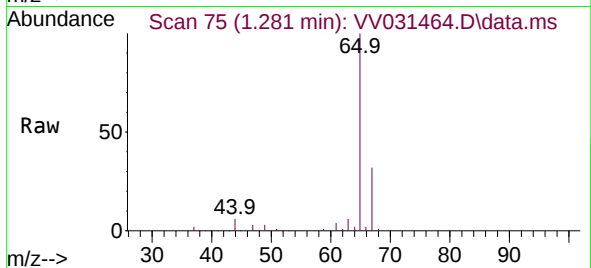




#8
Chloroethane
Concen: 1.594 ug/L
RT: 1.281 min Scan# 71
Delta R.T. -0.267 min
Lab File: VV031464.D
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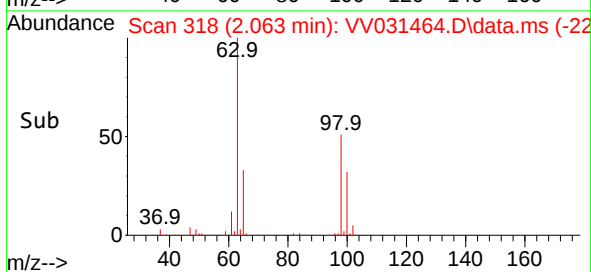
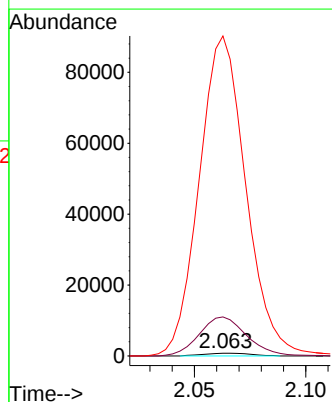
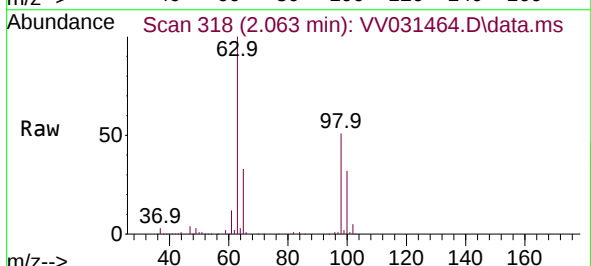
Instrument :
MSVOA_V
ClientSampleId :
C0FD3

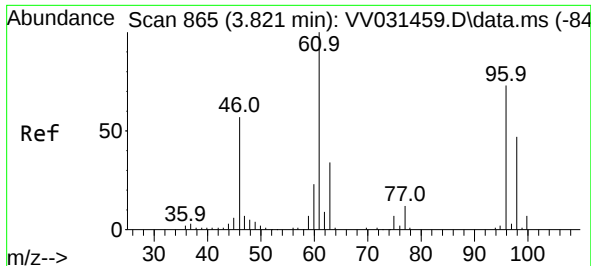
Tgt Ion: 64 Resp: 1143
Ion Ratio Lower Upper
64 100
66 161.6 21.4 39.8#



#12
1,1-Dichloroethene
Concen: 1.244 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.010 min
Lab File: VV031464.D
Acq: 08 Jun 2023 22:05

Tgt Ion: 96 Resp: 1137
Ion Ratio Lower Upper
96 100
61 1431.0 143.9 267.3#
63 11722.6 158.3 293.9#

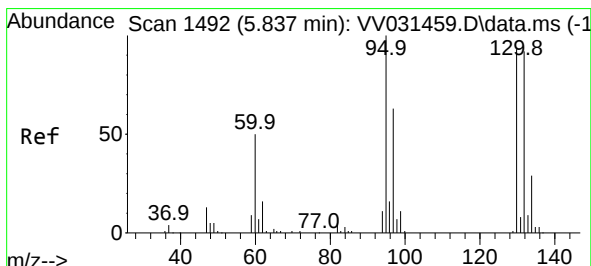
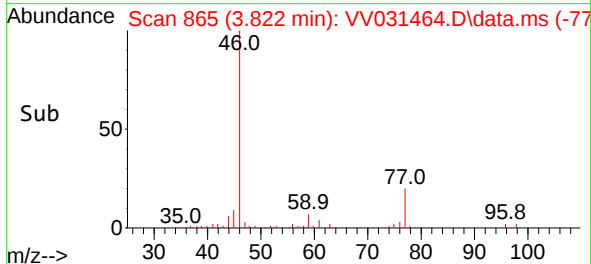
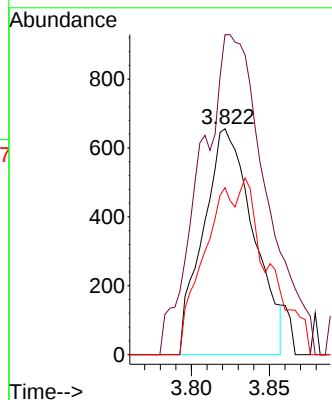
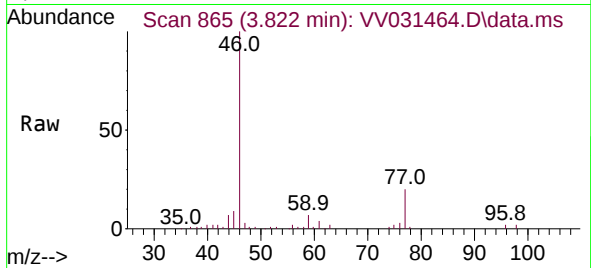




#20
 cis-1,2-Dichloroethene
 Concen: 1.041 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. 0.000 min
 Lab File: VV031464.D
 Acq: 08 Jun 2023 22:05

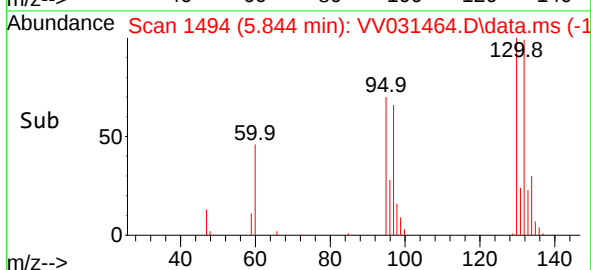
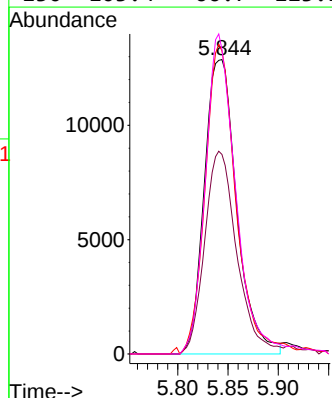
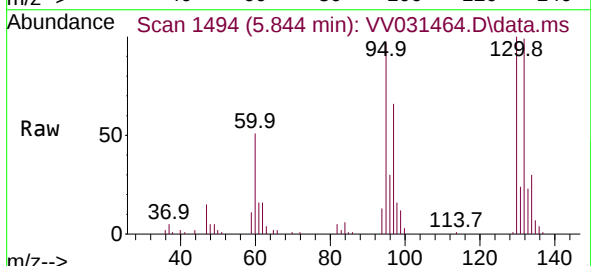
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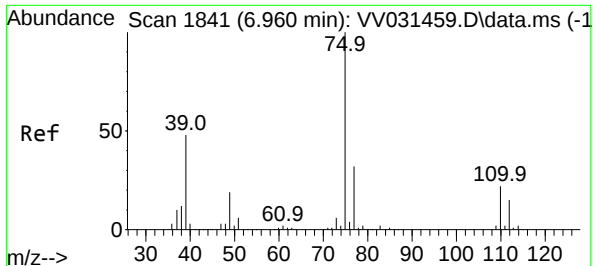
Tgt Ion: 96 Resp: 1467
 Ion Ratio Lower Upper
 96 100
 61 141.6 101.6 188.6
 98 73.9 44.4 82.4



#34
 Trichloroethene
 Concen: 17.235 ug/L
 RT: 5.844 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VV031464.D
 Acq: 08 Jun 2023 22:05

Tgt Ion: 95 Resp: 28848
 Ion Ratio Lower Upper
 95 100
 97 67.8 44.2 82.0
 132 102.9 64.2 119.2
 130 103.4 66.7 123.9





#39

cis-1,3-Dichloropropene

Concen: 1.124 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.039 min

Lab File: VV031464.D

Acq: 08 Jun 2023 22:05

Instrument :

MSVOA_V

ClientSampleId :

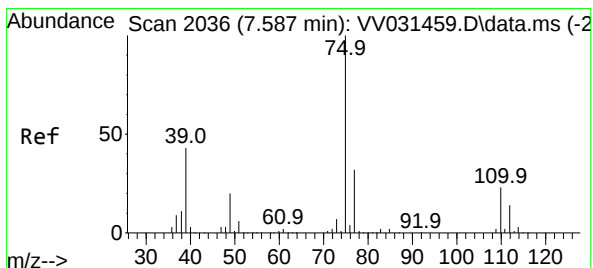
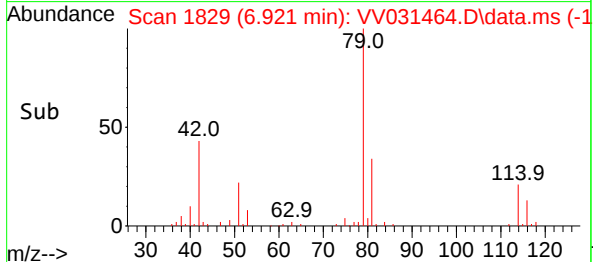
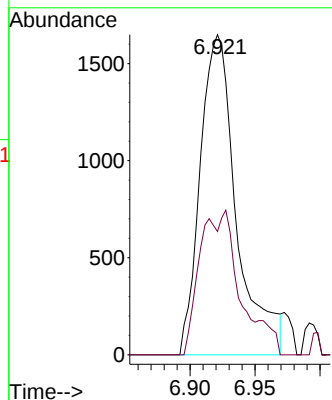
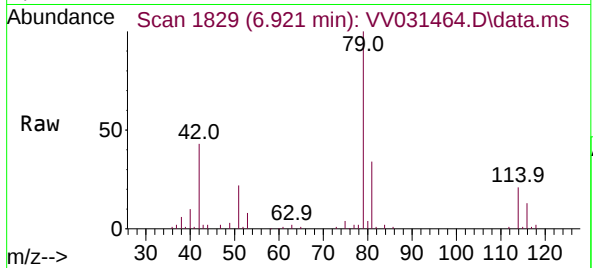
C0FD3

Tgt Ion: 75 Resp: 3212

Ion Ratio Lower Upper

75 100

77 38.5 23.2 43.2



#44

trans-1,3-Dichloropropene

Concen: 0.824 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.029 min

Lab File: VV031464.D

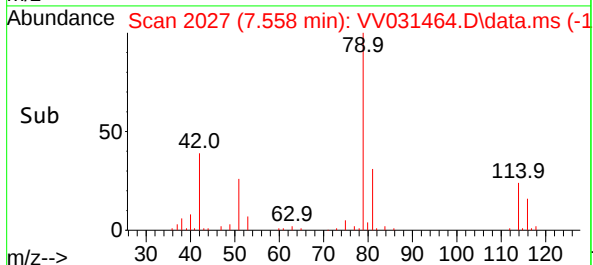
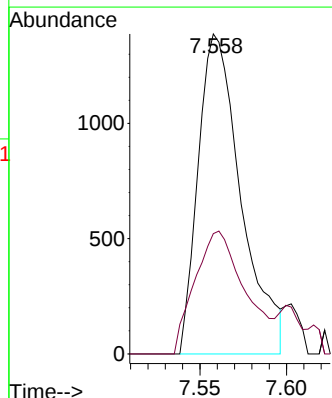
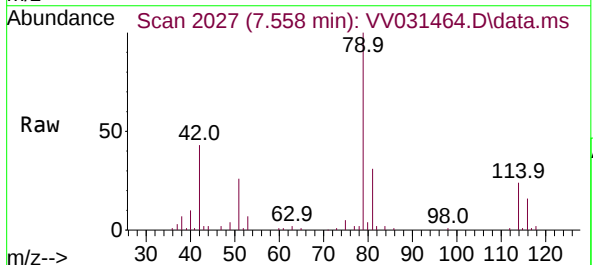
Acq: 08 Jun 2023 22:05

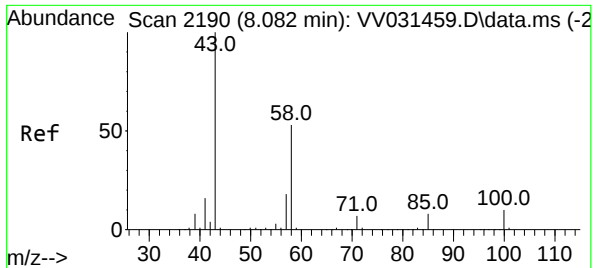
Tgt Ion: 75 Resp: 2389

Ion Ratio Lower Upper

75 100

77 37.6 22.2 41.2





#48
 2-Hexanone
 Concen: 6.784 ug/L
 RT: 8.088 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VV031464.D
 Acq: 08 Jun 2023 22:05

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FD3

Tgt Ion: 43	Resp:	16496
Ion	Ratio	Lower Upper
43	100	
58	37.3	42.9 64.3#
57	0.0	14.6 22.0#
100	5.5	8.2 12.2#

