

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060723\
 Data File : VW031409.D
 Acq On : 07 Jun 2023 19:12
 Operator : SY/MD
 Sample : 02992-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C11

Quant Time: Jun 08 05:23:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 08 05:16:53 2023
 Response via : Initial Calibration

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

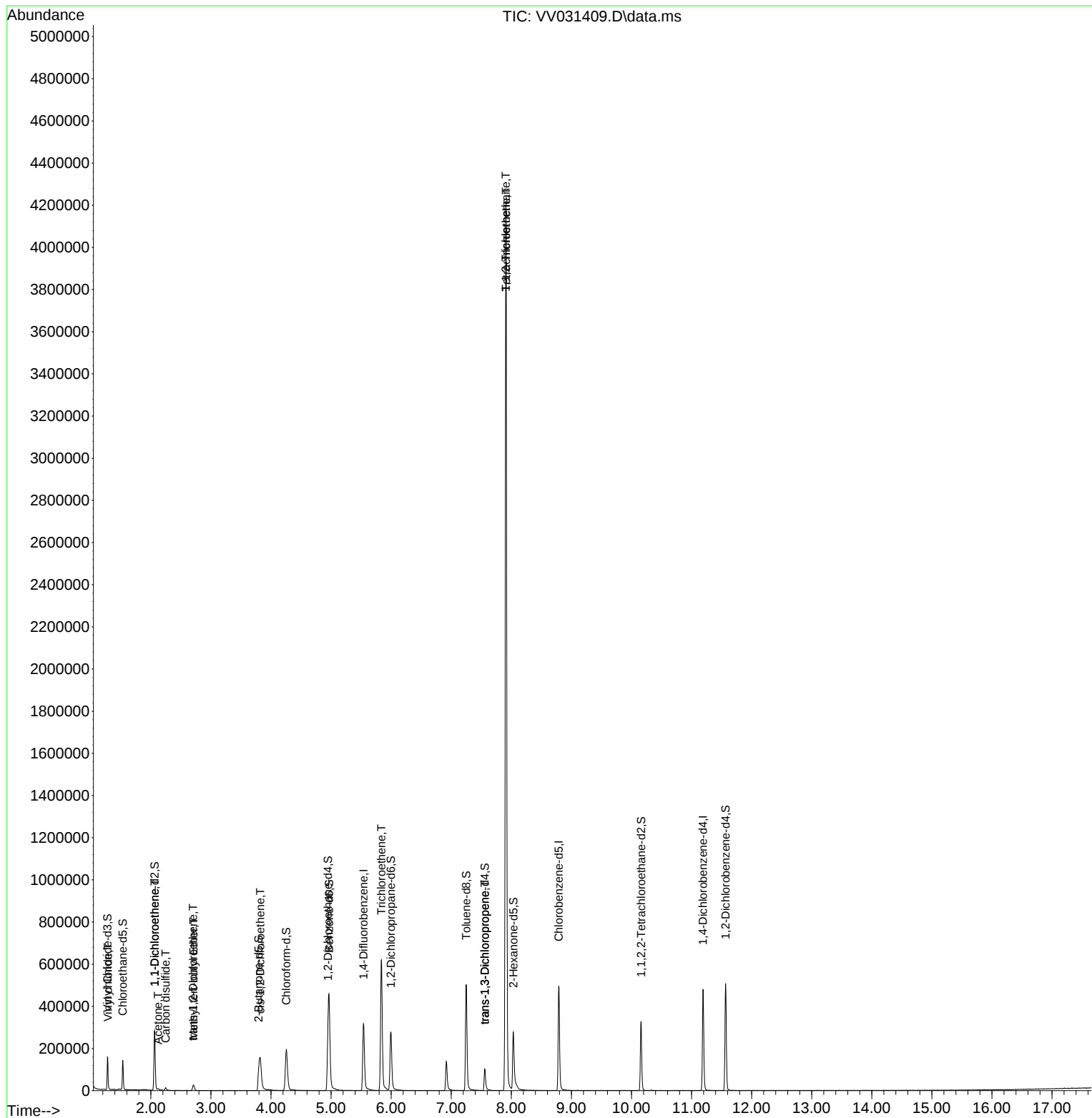
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	251725	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	259830	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	120042	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	103598	46.776	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.560%
7) Chloroethane-d5	1.532	69	89163	49.726	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.460%
11) 1,1-Dichloroethene-d2	2.063	65	50846	48.440	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.880%
21) 2-Butanone-d5	3.796	46	146816	91.726	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.730%
24) Chloroform-d	4.256	84	208538	49.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	4.947	65	144938	51.284	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.560%
32) Benzene-d6	4.966	84	374645	48.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
36) 1,2-Dichloropropane-d6	5.995	67	135555	50.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.680%
41) Toluene-d8	7.249	98	332770	47.222	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.440%
43) trans-1,3-Dichloroprop...	7.558	79	62185	46.298	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.600%
47) 2-Hexanone-d5	8.034	63	91865	91.473	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.470%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	154511	45.916	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.840%
66) 1,2-Dichlorobenzene-d4	11.567	152	124708	56.002	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	1568	1.604	ug/L #	3
12) 1,1-Dichloroethene	2.063	96	1262	1.257	ug/L #	1
13) Acetone	2.121	43	6105	4.264	ug/L	100
14) Carbon disulfide	2.246	76	11691	13.610	ug/L	98
17) trans-1,2-Dichloroethene	2.703	96	856	0.899	ug/L	90
18) Methyl tert-butyl Ether	2.709	73	21788	3.723	ug/L	96
20) cis-1,2-Dichloroethene	3.822	96	63783	41.205	ug/L	99
34) Trichloroethene	5.838	95	224225	124.139	ug/L	98
44) trans-1,3-Dichloropropene	7.558	75	3015	0.964	ug/L	84
45) 1,1,2-Trichloroethane	7.908	97	8669	4.064	ug/L #	16
46) Tetrachloroethene	7.911	164	899341	766.965	ug/L	99

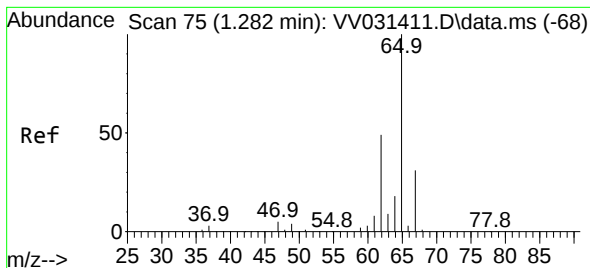
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jun 08 05:16:53 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.604 ug/L

RT: 1.285 min Scan# 7

Delta R.T. 0.003 min

Lab File: VV031409.D

Acq: 07 Jun 2023 19:12

Instrument :

MSVOA_V

ClientSampleId :

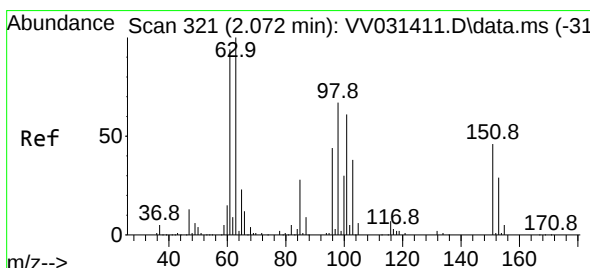
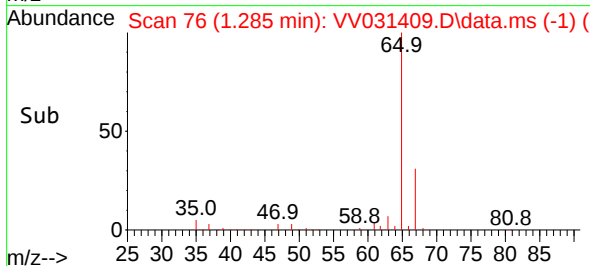
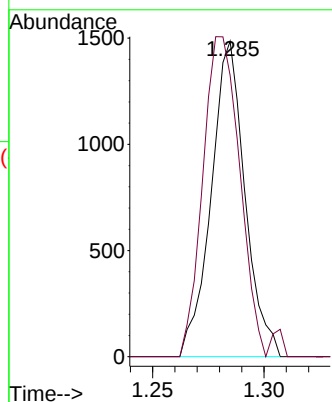
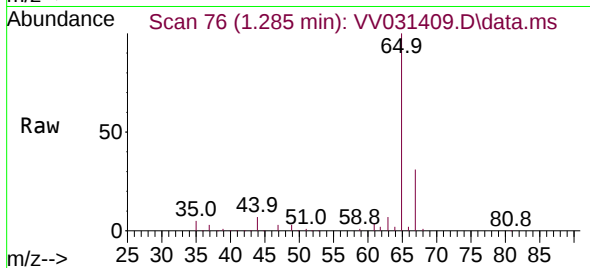
F6C11

Tgt Ion: 62 Resp: 1568

Ion Ratio Lower Upper

62 100

64 89.2 23.7 43.9#



#12

1,1-Dichloroethene

Concen: 1.257 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.010 min

Lab File: VV031409.D

Acq: 07 Jun 2023 19:12

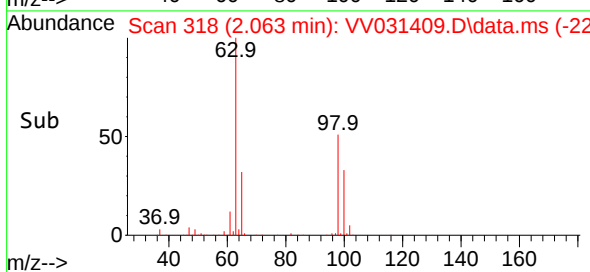
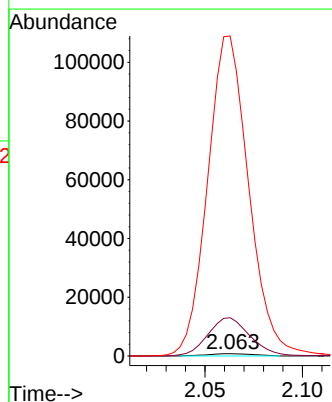
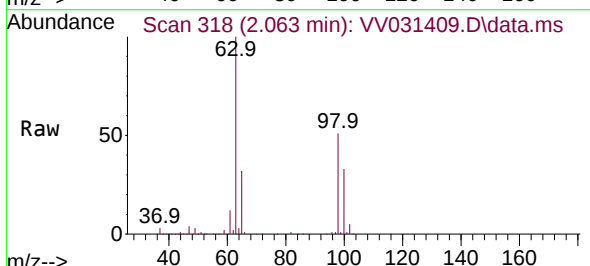
Tgt Ion: 96 Resp: 1262

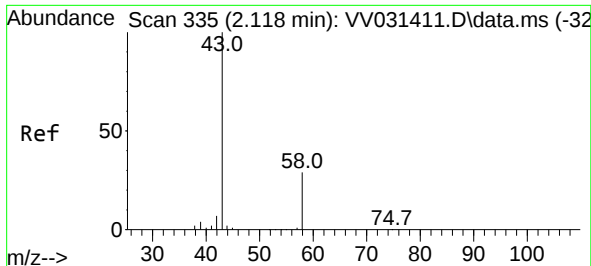
Ion Ratio Lower Upper

96 100

61 1666.5 143.9 267.3#

63 13935.5 158.3 293.9#





#13

Acetone

Concen: 4.264 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV031409.D

Acq: 07 Jun 2023 19:12

Instrument :

MSVOA_V

ClientSampleId :

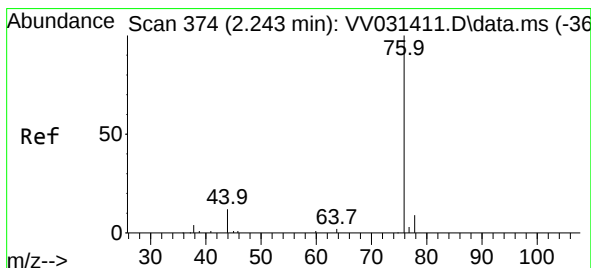
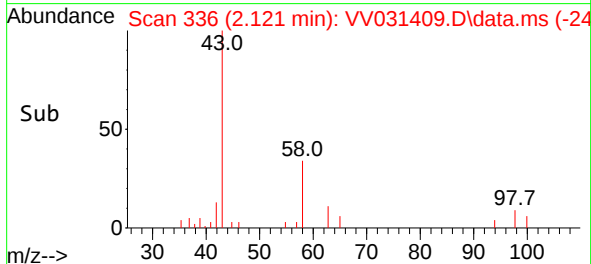
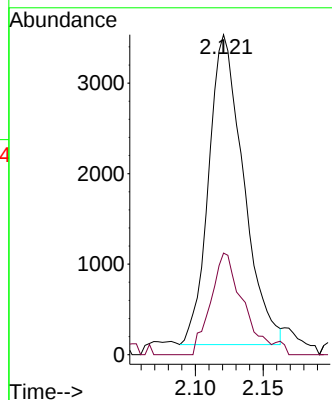
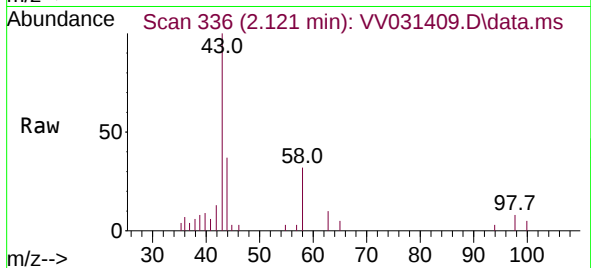
F6C11

Tgt Ion: 43 Resp: 6105

Ion Ratio Lower Upper

43 100

58 30.3 0.0 61.0



#14

Carbon disulfide

Concen: 13.610 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.003 min

Lab File: VV031409.D

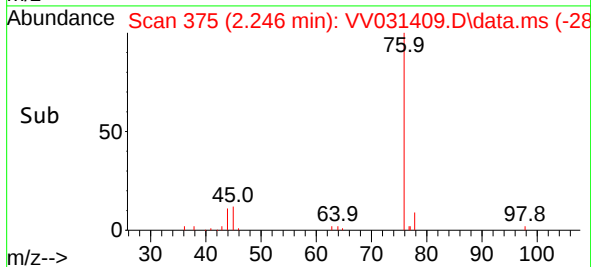
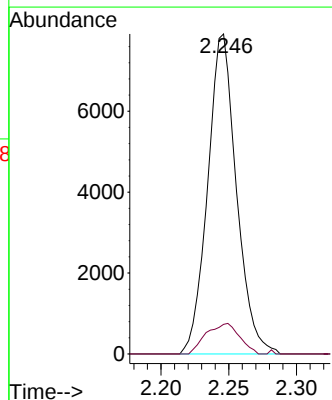
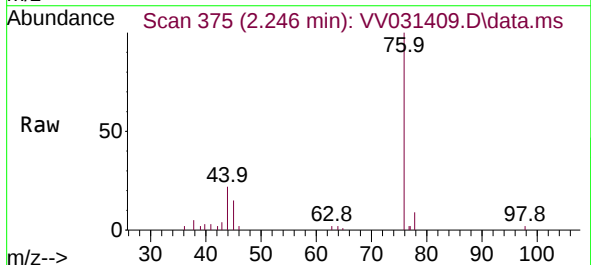
Acq: 07 Jun 2023 19:12

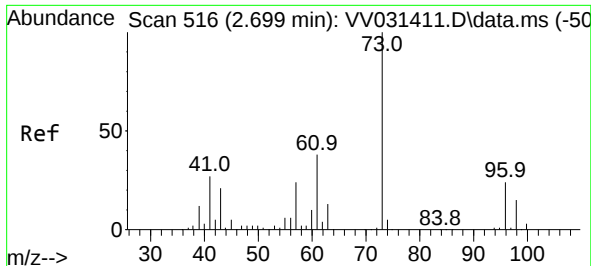
Tgt Ion: 76 Resp: 11691

Ion Ratio Lower Upper

76 100

78 9.3 7.9 11.9





#17

trans-1,2-Dichloroethene

Concen: 0.899 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV031409.D

Acq: 07 Jun 2023 19:12

Instrument :

MSVOA_V

ClientSampleId :

F6C11

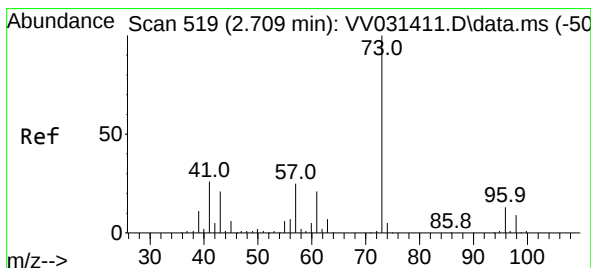
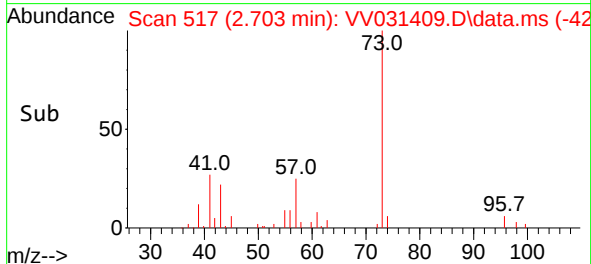
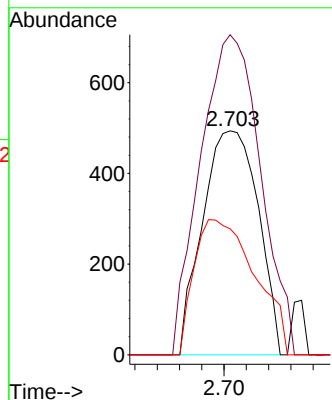
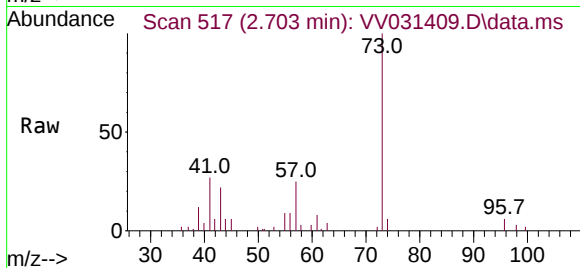
Tgt Ion: 96 Resp: 856

Ion Ratio Lower Upper

96 100

61 166.4 106.9 198.5

98 56.3 44.9 83.3



#18

Methyl tert-butyl Ether

Concen: 3.723 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.000 min

Lab File: VV031409.D

Acq: 07 Jun 2023 19:12

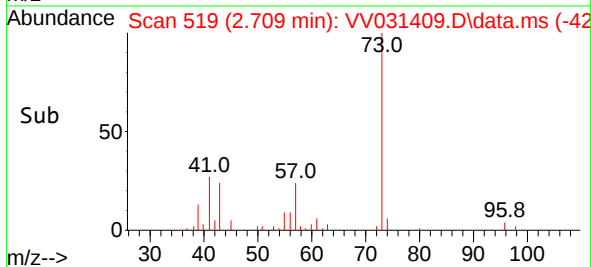
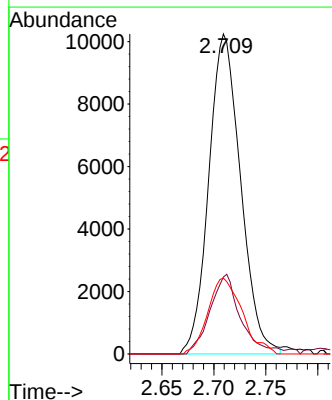
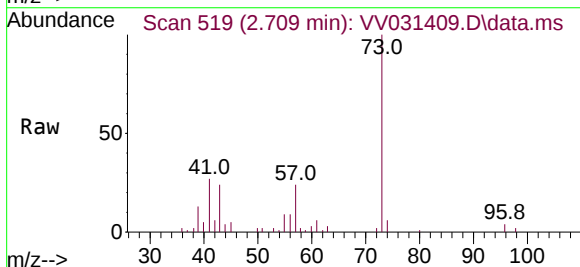
Tgt Ion: 73 Resp: 21788

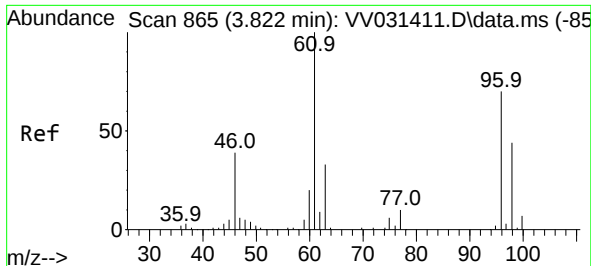
Ion Ratio Lower Upper

73 100

43 23.3 16.6 25.0

57 24.4 18.6 28.0

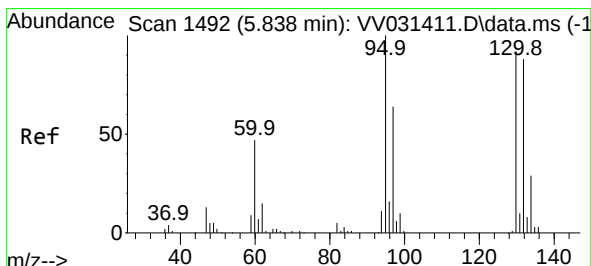
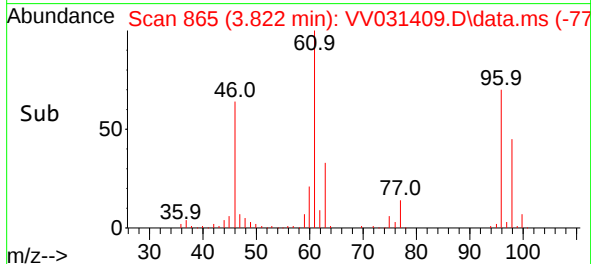
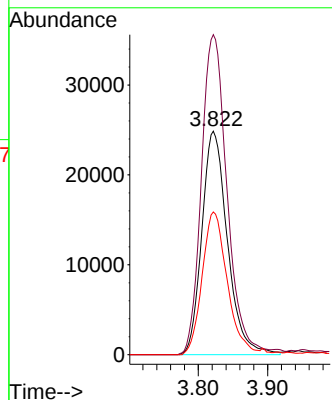
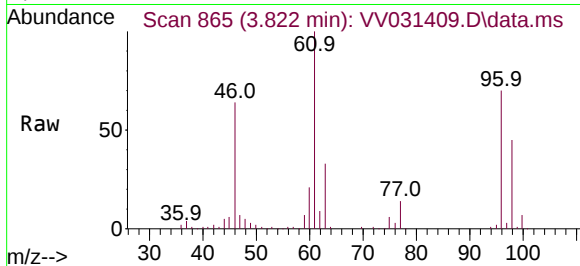




#20
cis-1,2-Dichloroethene
Concen: 41.205 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.000 min
Lab File: VV031409.D
Acq: 07 Jun 2023 19:12

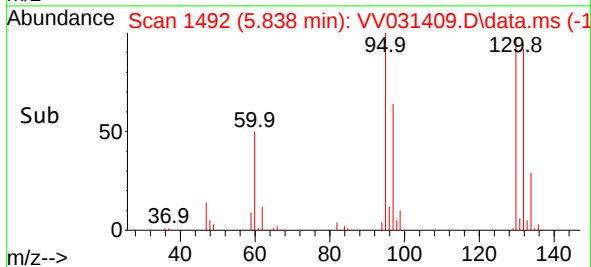
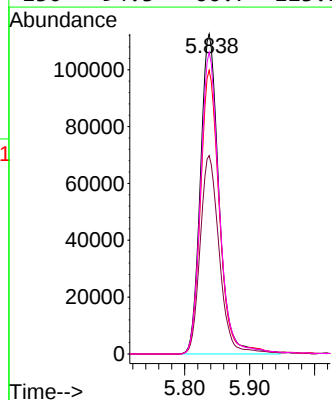
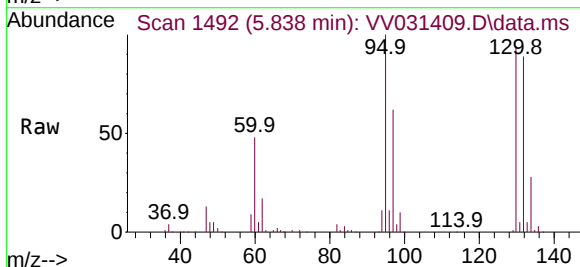
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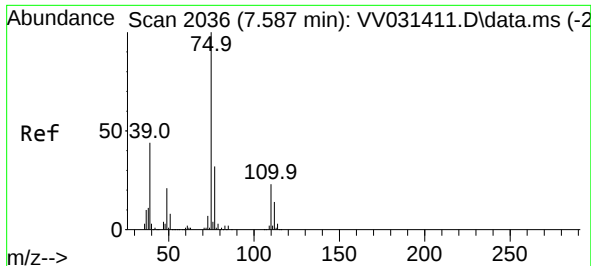
Tgt Ion: 96 Resp: 63783
Ion Ratio Lower Upper
96 100
61 143.2 101.6 188.6
98 63.9 44.4 82.4



#34
Trichloroethene
Concen: 124.139 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.000 min
Lab File: VV031409.D
Acq: 07 Jun 2023 19:12

Tgt Ion: 95 Resp: 224225
Ion Ratio Lower Upper
95 100
97 62.0 44.2 82.0
132 88.6 64.2 119.2
130 94.3 66.7 123.9

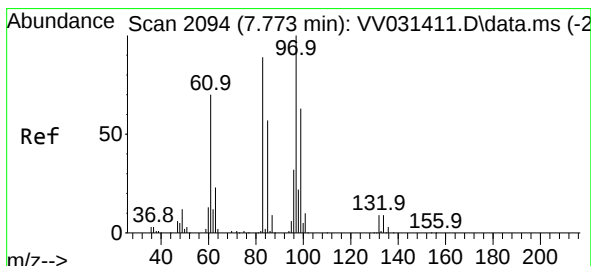
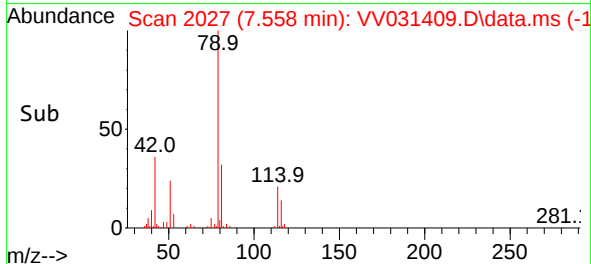
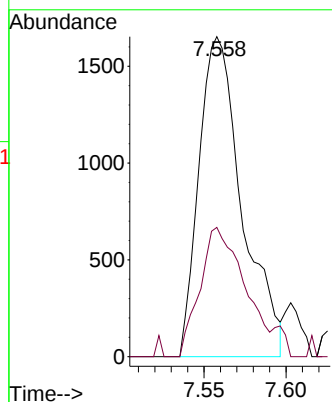
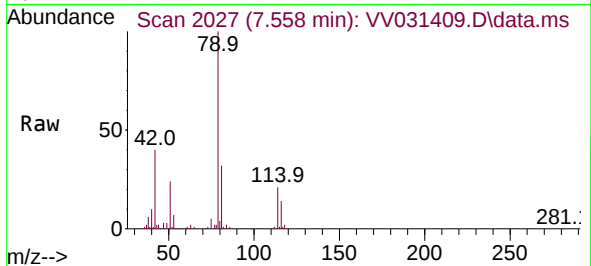




#44
trans-1,3-Dichloropropene
Concen: 0.964 ug/L
RT: 7.558 min Scan# 2036
Delta R.T. -0.029 min
Lab File: VV031409.D
Acq: 07 Jun 2023 19:12

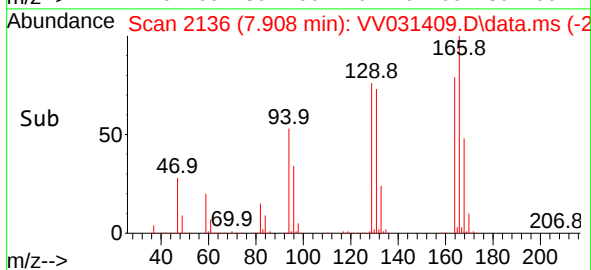
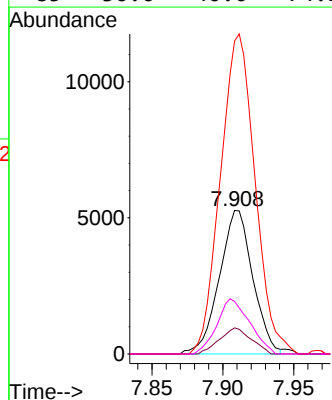
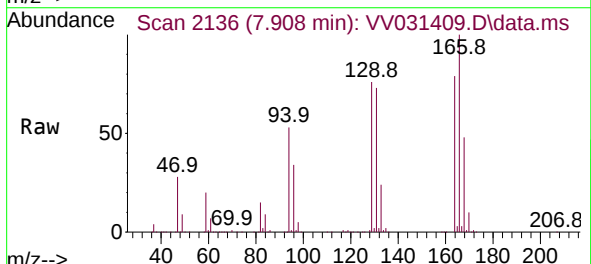
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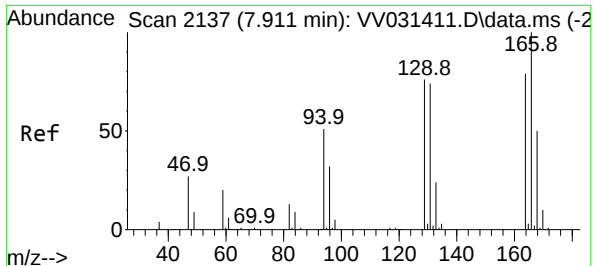
Tgt Ion: 75 Resp: 3015
Ion Ratio Lower Upper
75 100
77 40.4 22.2 41.2



#45
1,1,2-Trichloroethane
Concen: 4.064 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.135 min
Lab File: VV031409.D
Acq: 07 Jun 2023 19:12

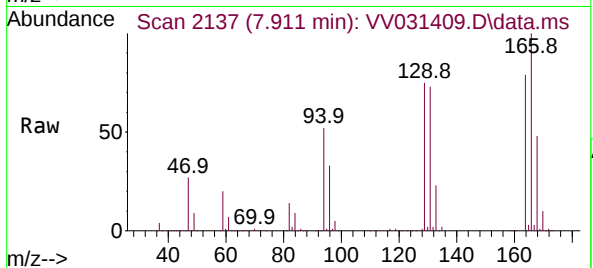
Tgt Ion: 97 Resp: 8669
Ion Ratio Lower Upper
97 100
99 18.2 43.8 81.4#
83 218.2 61.9 115.1#
85 36.6 40.0 74.2#





#46
 Tetrachloroethene
 Concen: 766.965 ug/L
 RT: 7.911 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031409.D
 Acq: 07 Jun 2023 19:12

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:164 Resp: 899341

Ion	Ratio	Lower	Upper
164	100		
129	95.7	68.0	126.4
131	93.1	65.5	121.7
166	126.9	90.5	168.1

