

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121123\
 Data File : VW033245.D
 Acq On : 12 Dec 2023 04:06
 Operator : SY/MD
 Sample : 05451-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 04:34:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

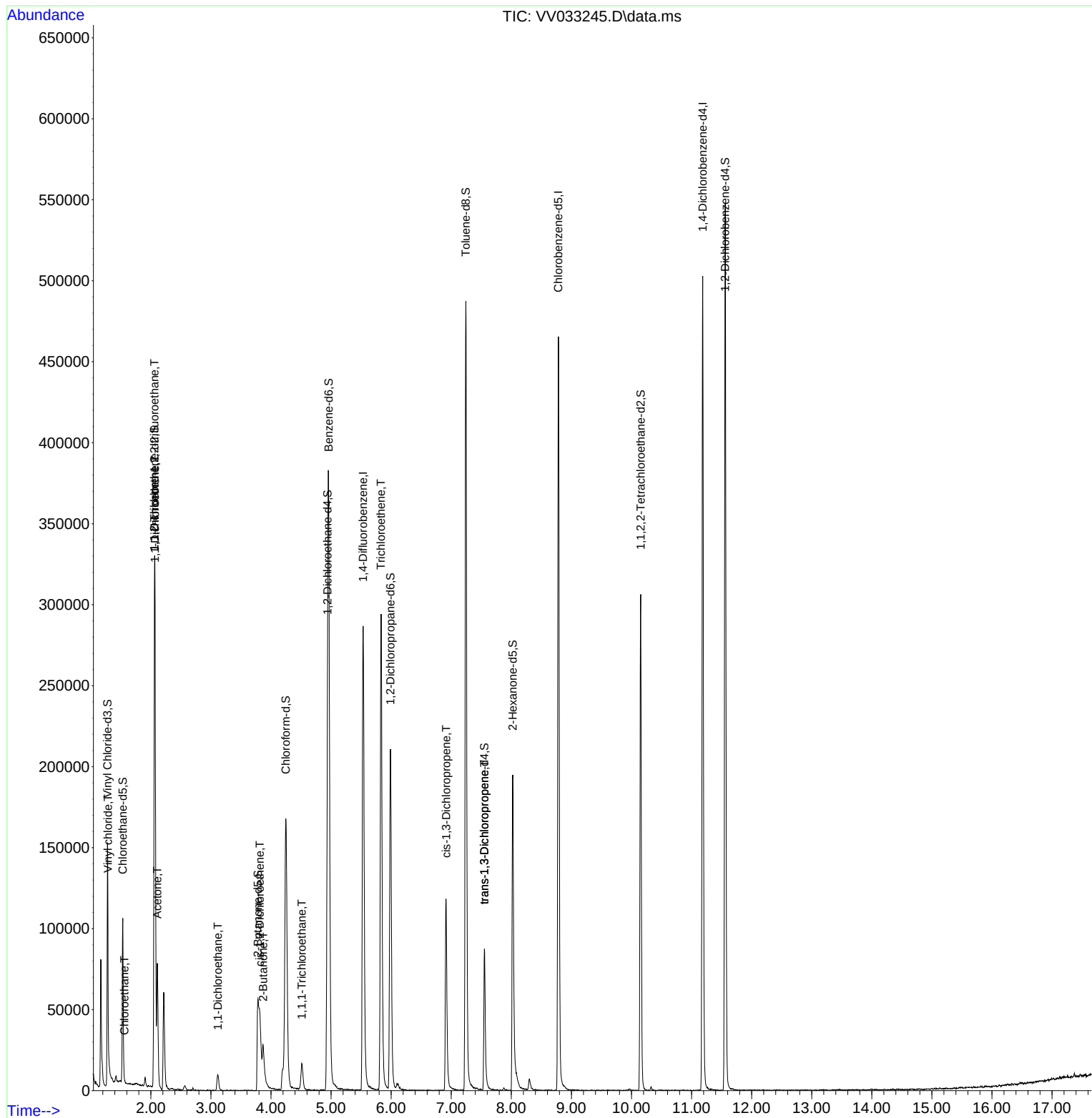
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	272607	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	276956	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	143402	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	87691	53.810	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.620%			
7) Chloroethane-d5	1.532	69	62890	55.386	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.780%			
11) 1,1-Dichloroethene-d2	2.060	65	33468	53.984	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.960%			
21) 2-Butanone-d5	3.780	46	84433	104.314	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.310%			
24) Chloroform-d	4.246	84	185573	53.658	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.320%			
26) 1,2-Dichloroethane-d4	4.940	65	120978	56.264	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.520%			
32) Benzene-d6	4.960	84	355838	54.936	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.880%			
36) 1,2-Dichloropropane-d6	5.989	67	93856	53.890	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.780%			
41) Toluene-d8	7.243	98	334168	54.081	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.160%			
43) trans-1,3-Dichloroprop...	7.551	79	51920	47.144	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.280%			
47) 2-Hexanone-d5	8.024	63	66248	94.685	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.690%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	131941	53.293	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.580%			
66) 1,2-Dichlorobenzene-d4	11.561	152	152562	59.794	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 119.580%			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	1935	1.027	ug/L #	1
8) Chloroethane	1.561	64	730	0.727	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	1548	1.060	ug/L #	30
12) 1,1-Dichloroethene	2.069	96	53259	38.969	ug/L #	78
13) Acetone	2.108	43	73684	95.358	ug/L	100
19) 1,1-Dichloroethane	3.114	63	10439	3.515	ug/L	94
20) cis-1,2-Dichloroethene	3.812	96	19067	10.014	ug/L	96
22) 2-Butanone	3.870	43	37085	37.713	ug/L	97
30) 1,1,1-Trichloroethane	4.513	97	12610	3.684	ug/L	97
34) Trichloroethene	5.831	95	98651	47.050	ug/L	96
39) cis-1,3-Dichloropropene	6.915	75	3583	1.216	ug/L #	66
44) trans-1,3-Dichloropropene	7.551	75	2654	0.891	ug/L	92

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

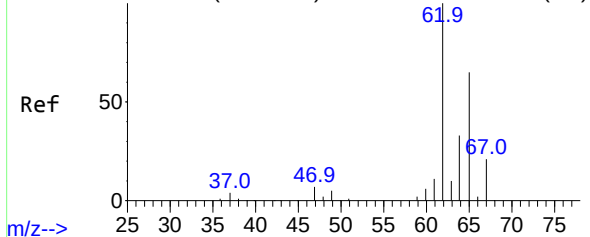
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121123\
Data File : VV033245.D
Acq On : 12 Dec 2023 04:06
Operator : SY/MD
Sample : 05451-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Dec 12 04:34:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration



Abundance Scan 75 (1.281 min): VV033227.D\data.ms (-68)



#5

Vinyl chloride

Concen: 1.027 ug/L

RT: 1.285 min Scan# 70

Delta R.T. -0.000 min

Lab File: VV033245.D

Acq: 12 Dec 2023 04:06

Instrument :

MSVOA_V

ClientSampleId :

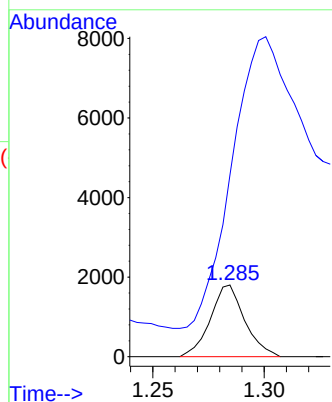
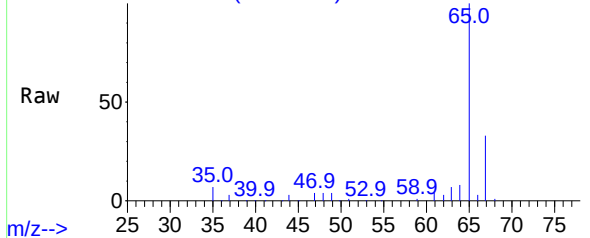
Tgt Ion: 62 Resp: 1935

Ion Ratio Lower Upper

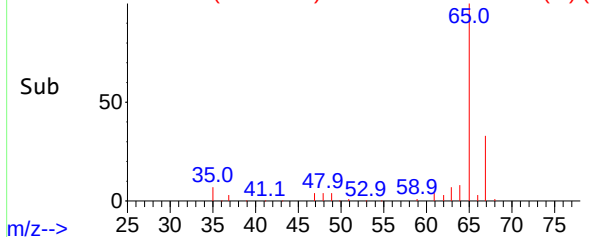
62 100

64 253.4 24.2 45.0#

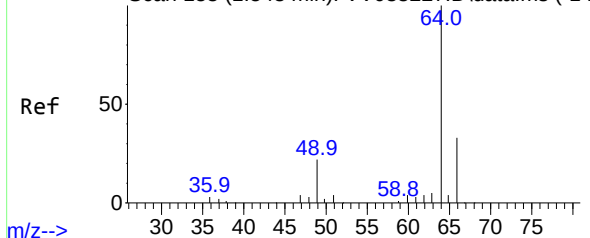
Abundance Scan 76 (1.285 min): VV033245.D\data.ms



Abundance Scan 76 (1.285 min): VV033245.D\data.ms (-1)



Abundance Scan 158 (1.548 min): VV033227.D\data.ms (-14)



#8

Chloroethane

Concen: 0.727 ug/L

RT: 1.561 min Scan# 162

Delta R.T. 0.013 min

Lab File: VV033245.D

Acq: 12 Dec 2023 04:06

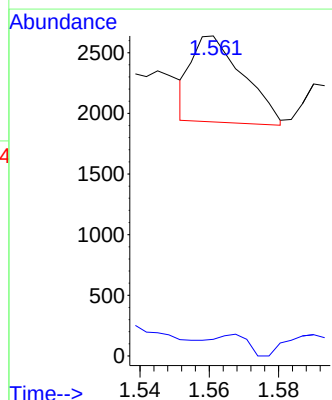
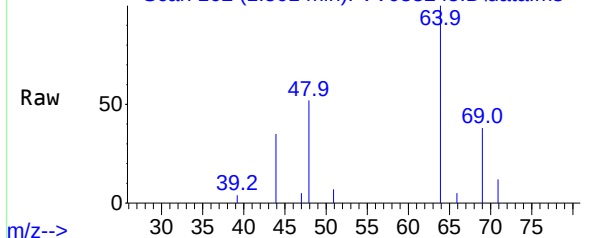
Tgt Ion: 64 Resp: 730

Ion Ratio Lower Upper

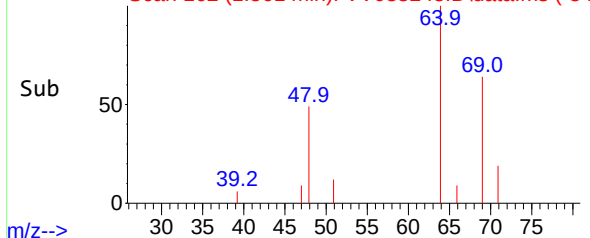
64 100

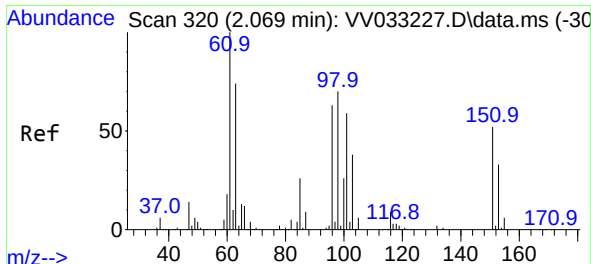
66 5.2 22.3 41.5#

Abundance Scan 162 (1.561 min): VV033245.D\data.ms



Abundance Scan 162 (1.561 min): VV033245.D\data.ms (-34)

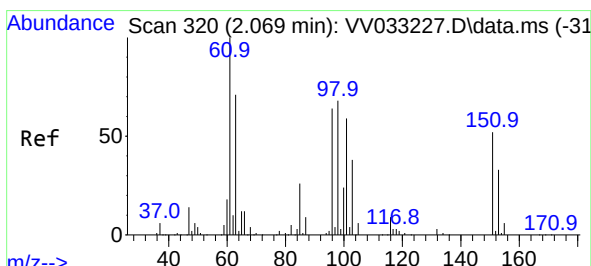
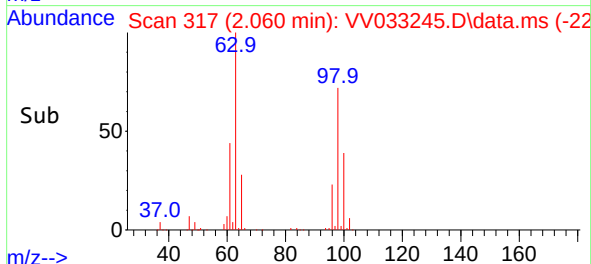
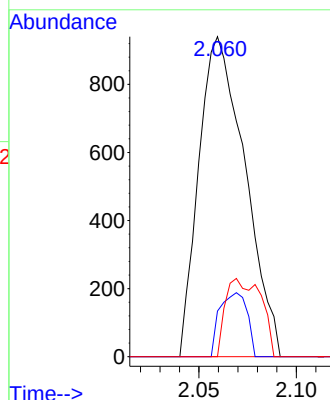
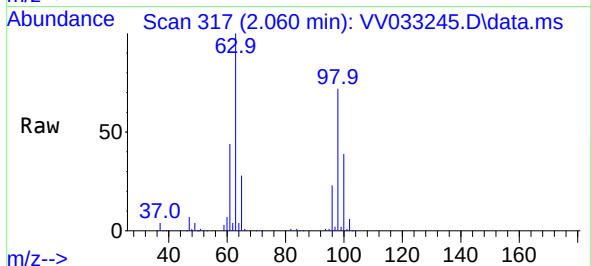




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.060 ug/L
RT: 2.060 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV033245.D
Acq: 12 Dec 2023 04:06

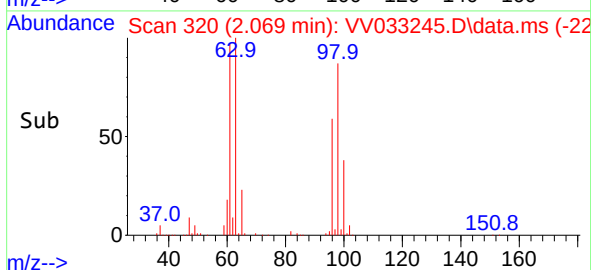
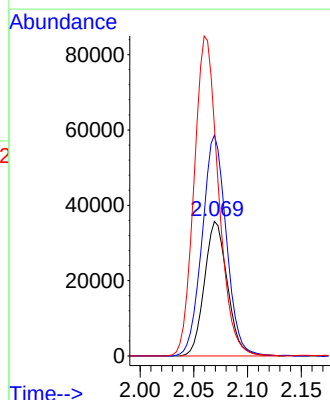
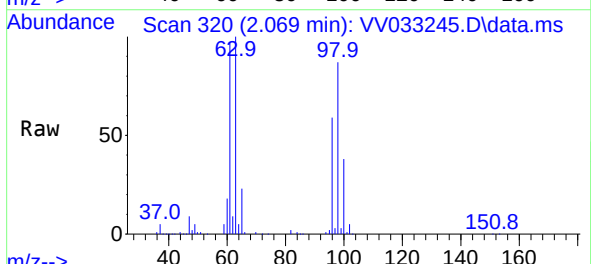
Instrument :
MSVOA_V
ClientSampleId :

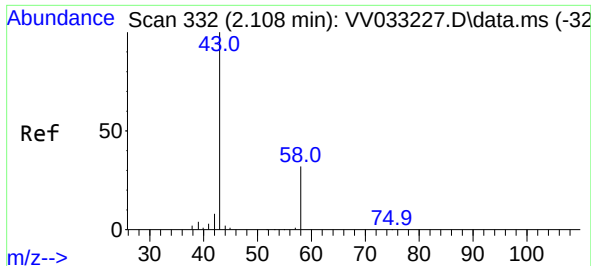
Tgt Ion:101 Resp: 1548
Ion Ratio Lower Upper
101 100
85 11.8 36.0 54.0#
151 12.3 69.1 103.7#



#12
1,1-Dichloroethene
Concen: 38.969 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV033245.D
Acq: 12 Dec 2023 04:06

Tgt Ion: 96 Resp: 53259
Ion Ratio Lower Upper
96 100
61 164.1 109.1 202.7
63 170.0 85.3 158.3#





#13

Acetone

Concen: 95.358 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033245.D

Acq: 12 Dec 2023 04:06

Instrument :

MSVOA_V

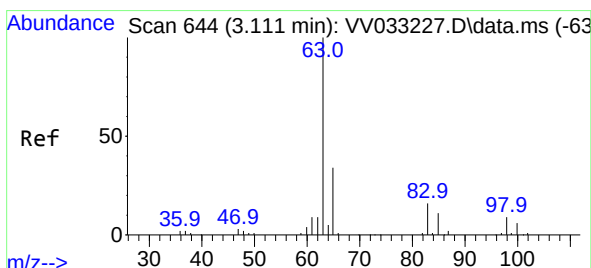
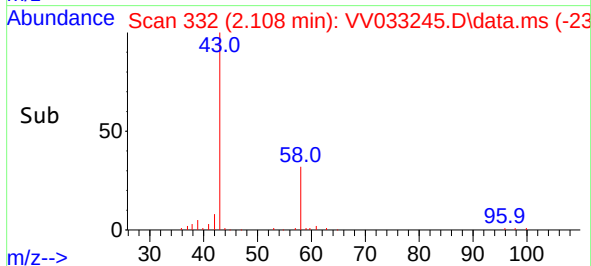
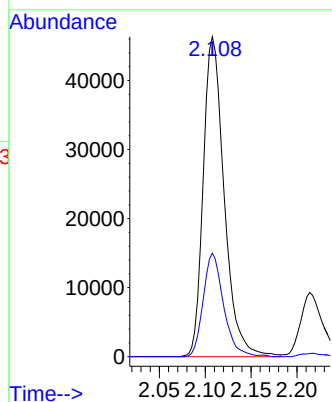
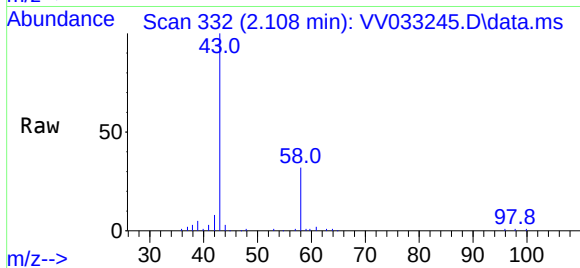
ClientSampleId :

Tgt Ion: 43 Resp: 73684

Ion Ratio Lower Upper

43 100

58 31.2 0.0 62.8



#19

1,1-Dichloroethane

Concen: 3.515 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.006 min

Lab File: VV033245.D

Acq: 12 Dec 2023 04:06

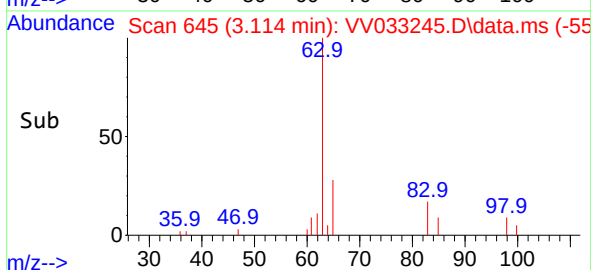
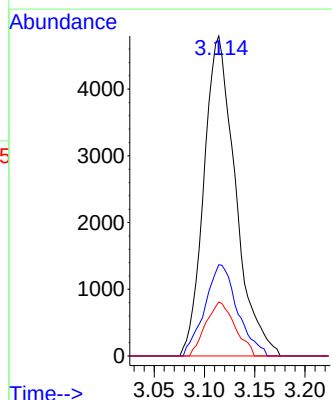
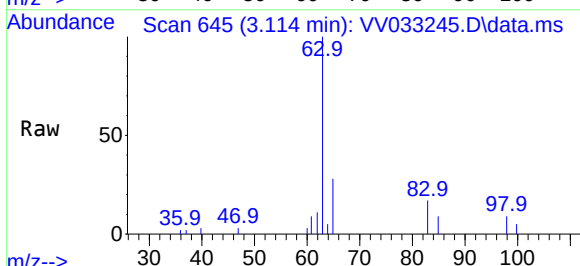
Tgt Ion: 63 Resp: 10439

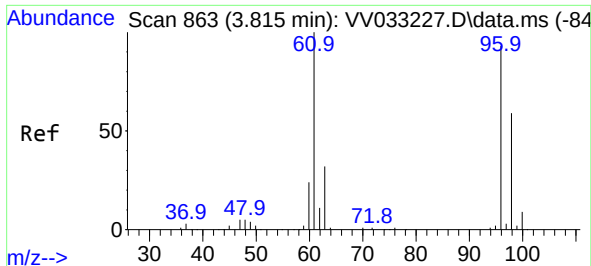
Ion Ratio Lower Upper

63 100

65 28.5 23.0 42.6

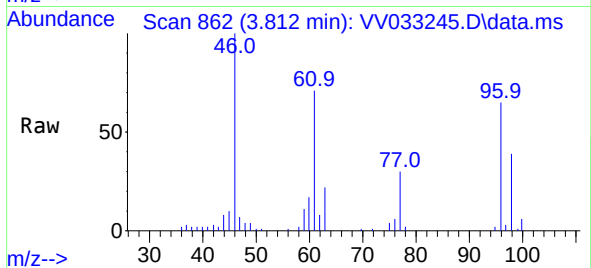
83 16.8 11.4 21.2



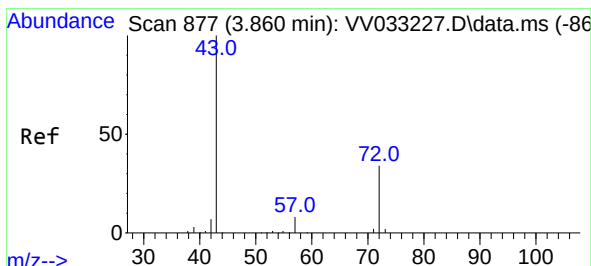
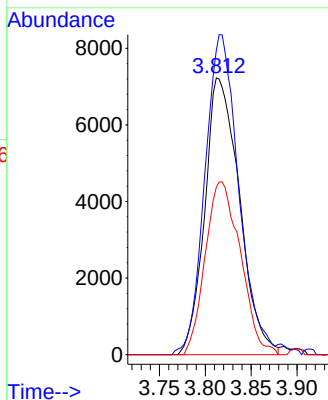
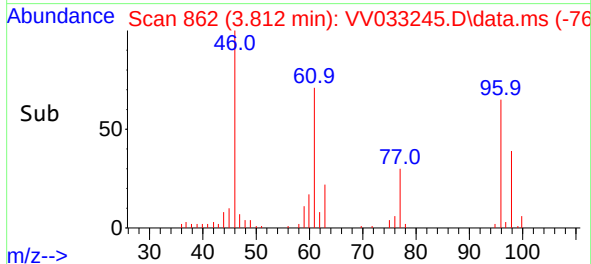


#20
cis-1,2-Dichloroethene
Concen: 10.014 ug/L
RT: 3.812 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV033245.D
Acq: 12 Dec 2023 04:06

Instrument :
MSVOA_V
ClientSampleId :

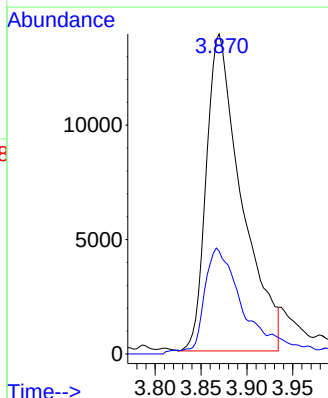
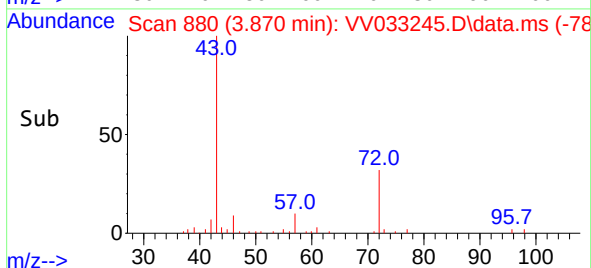
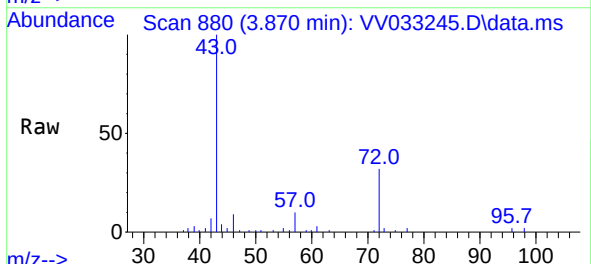


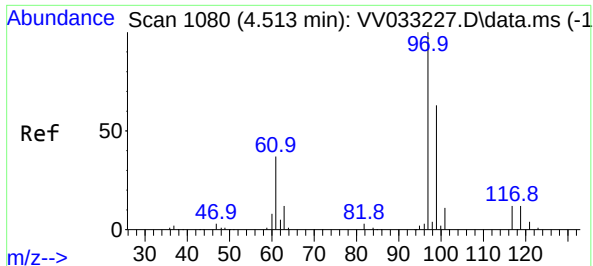
Tgt Ion: 96 Resp: 19067
Ion Ratio Lower Upper
96 100
61 109.9 79.1 146.9
98 60.4 45.1 83.7



#22
2-Butanone
Concen: 37.713 ug/L
RT: 3.870 min Scan# 880
Delta R.T. 0.013 min
Lab File: VV033245.D
Acq: 12 Dec 2023 04:06

Tgt Ion: 43 Resp: 37085
Ion Ratio Lower Upper
43 100
72 31.0 14.6 43.8

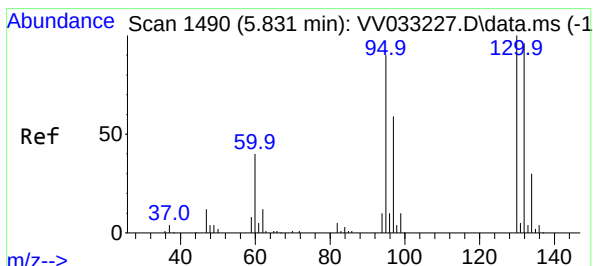
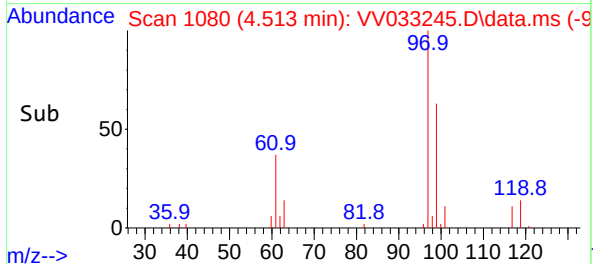
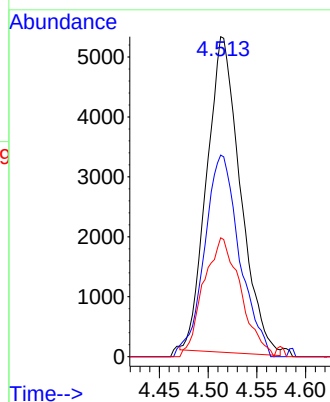
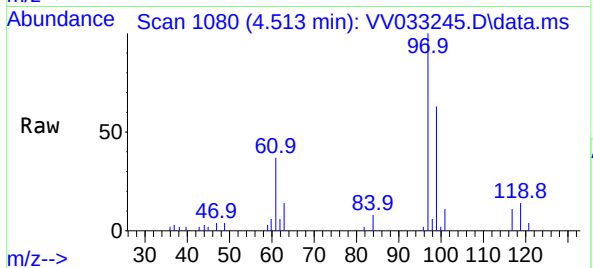




#30
1,1,1-Trichloroethane
Concen: 3.684 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV033245.D
Acq: 12 Dec 2023 04:06

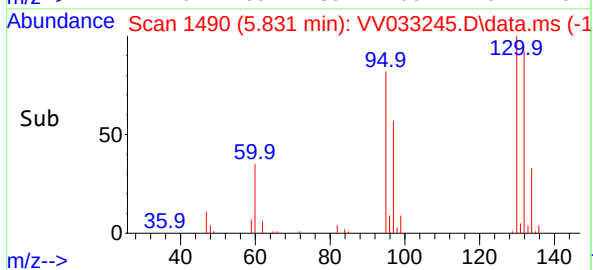
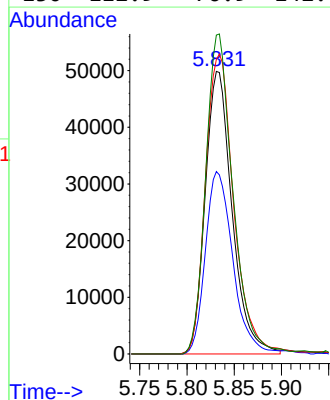
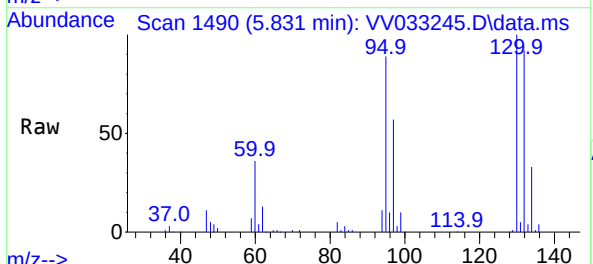
Instrument :
MSVOA_V
ClientSampleId :

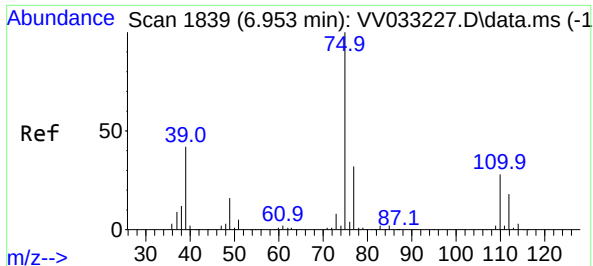
Tgt Ion:	97	Resp:	12610
Ion	Ratio	Lower	Upper
97	100		
99	66.6	51.3	76.9
61	41.6	31.8	47.8



#34
Trichloroethene
Concen: 47.050 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033245.D
Acq: 12 Dec 2023 04:06

Tgt Ion:	95	Resp:	98651
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.8	85.0
132	104.2	77.4	143.8
130	112.9	76.9	142.7





#39

cis-1,3-Dichloropropene

Concen: 1.216 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV033245.D

Acq: 12 Dec 2023 04:06

Instrument :

MSVOA_V

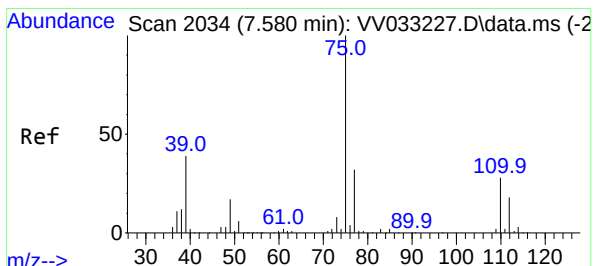
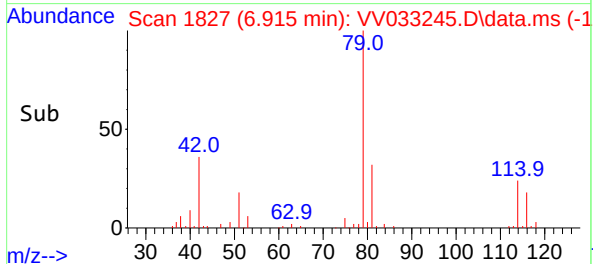
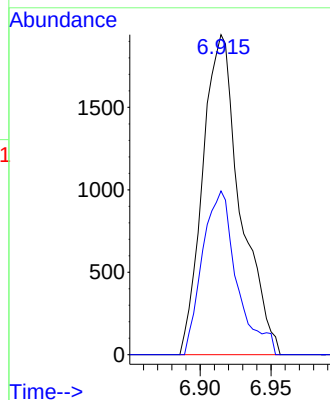
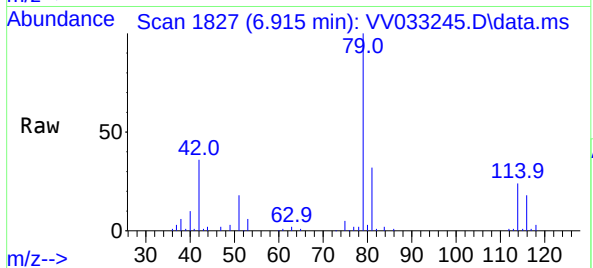
ClientSampleId :

Tgt Ion: 75 Resp: 3583

Ion Ratio Lower Upper

75 100

77 51.2 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.891 ug/L

RT: 7.551 min Scan# 2025

Delta R.T. -0.029 min

Lab File: VV033245.D

Acq: 12 Dec 2023 04:06

Tgt Ion: 75 Resp: 2654

Ion Ratio Lower Upper

75 100

77 35.9 22.0 41.0

