

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
 Data File : VV036732.D
 Acq On : 26 Jul 2024 15:43
 Operator : SY/MD
 Sample : P3328-13
 Misc : 9.52g/5.00mL/MSVOA_V/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 27 04:17:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 04:14:21 2024
 Response via : Initial Calibration

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

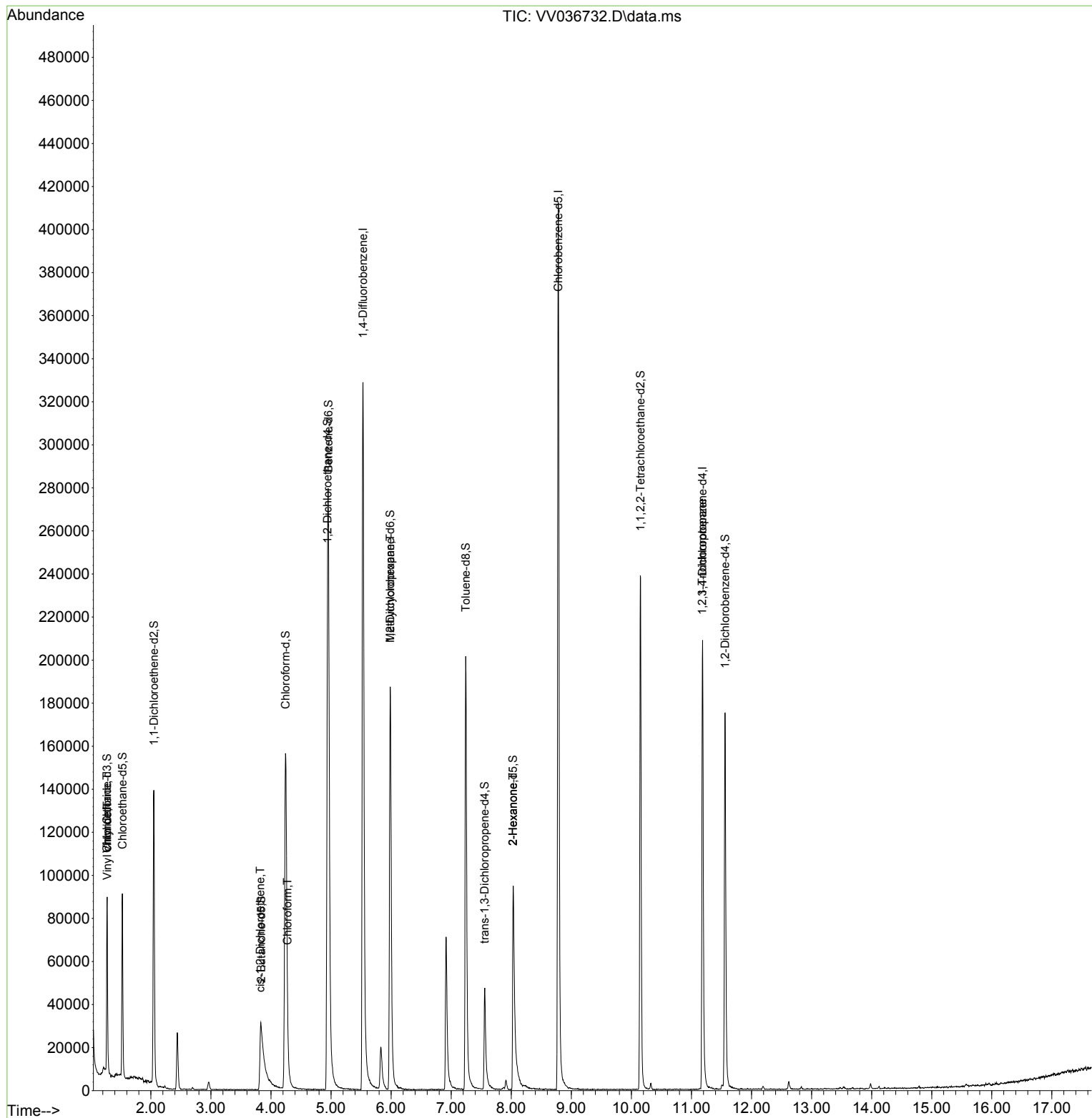
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	324497	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	260268	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	65353	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	51964	14.621	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.480%
7) Chloroethane-d5	1.526	69	58109	18.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.050	65	21638	11.514	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.040%
21) 2-Butanone-d5	3.838	46	49537	59.724	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.440%
24) Chloroform-d	4.243	84	183787	21.415	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.680%
26) 1,2-Dichloroethane-d4	4.940	65	107317	25.347	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	4.957	84	243490	19.739	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.960%
36) 1,2-Dichloropropane-d6	5.985	67	96948	27.583	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.320%
41) Toluene-d8	7.243	98	157423	13.373	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	53.480%
43) trans-1,3-Dichloroprop...	7.558	79	33857	21.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.680%
47) 2-Hexanone-d5	8.030	63	35132	75.108	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.220%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	117110	38.229	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	152.920%#
66) 1,2-Dichlorobenzene-d4	11.561	152	53492	23.447	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.275	62	3177	0.607	ug/L #	74
8) Chloroethane	1.272	64	1645	0.485	ug/L #	8
20) cis-1,2-Dichloroethene	3.822	96	9373	1.775	ug/L	96
25) Chloroform	4.275	83	5101	0.533	ug/L	97
35) Methylcyclohexane	5.985	83	26151	4.060	ug/L #	23
48) 2-Hexanone	8.030	43	4577	3.675	ug/L #	58
61) 1,2,3-Trichloropropane	11.181	75	5515	4.787	ug/L #	52

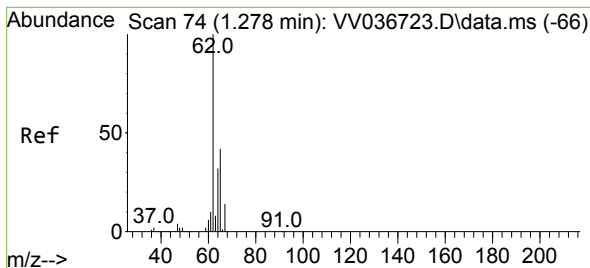
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
Data File : VV036732.D
Acq On : 26 Jul 2024 15:43
Operator : SY/MD
Sample : P3328-13
Misc : 9.52g/5.00mL/MSVOA_V/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 27 04:17:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 04:14:21 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.607 ug/L

RT: 1.275 min Scan# 71

Delta R.T. -0.003 min

Lab File: VV036732.D

Acq: 26 Jul 2024 15:43

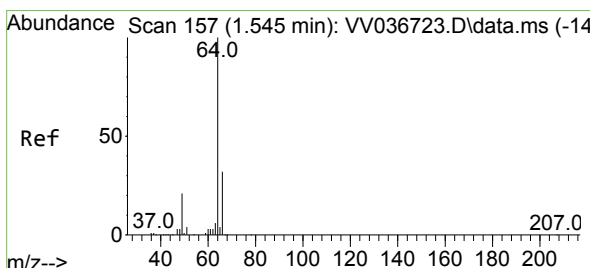
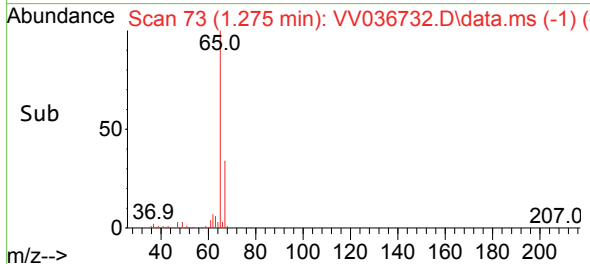
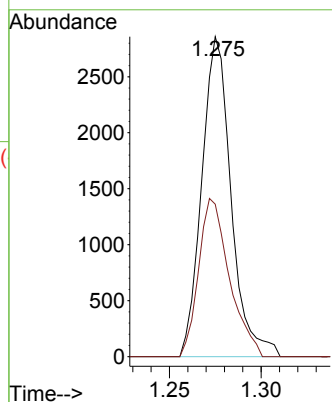
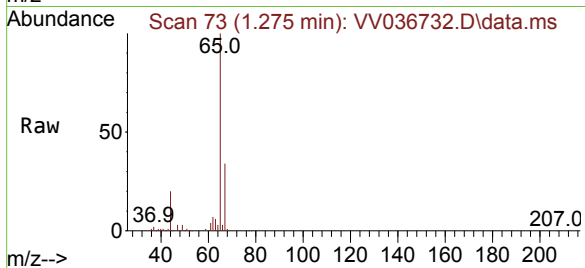
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 62 Resp: 3177

Ion	Ratio	Lower	Upper
62	100		
64	47.7	23.1	42.9



#8

Chloroethane

Concen: 0.485 ug/L

RT: 1.272 min Scan# 72

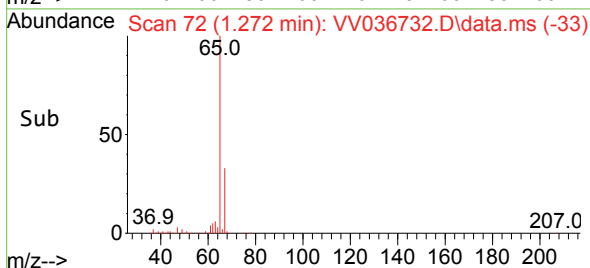
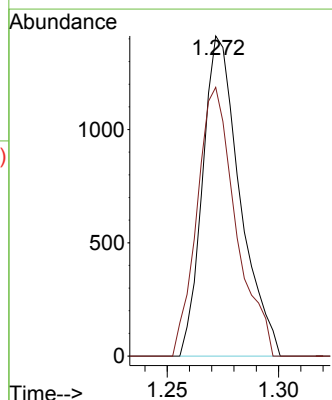
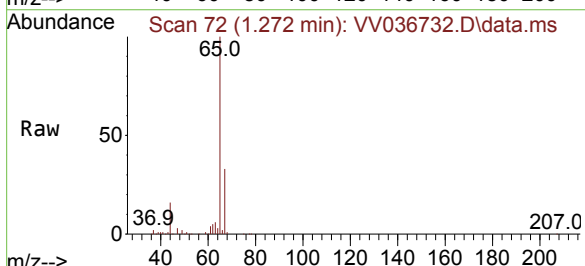
Delta R.T. -0.273 min

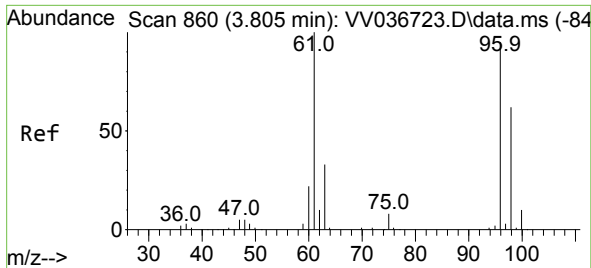
Lab File: VV036732.D

Acq: 26 Jul 2024 15:43

Tgt Ion: 64 Resp: 1645

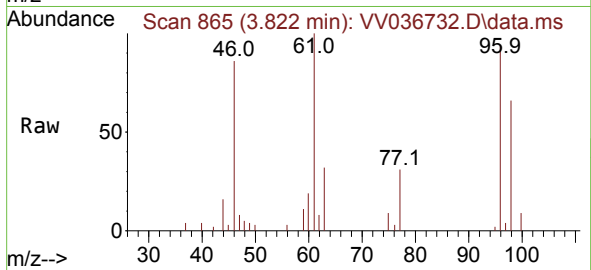
Ion	Ratio	Lower	Upper
64	100		
66	83.9	22.7	42.1





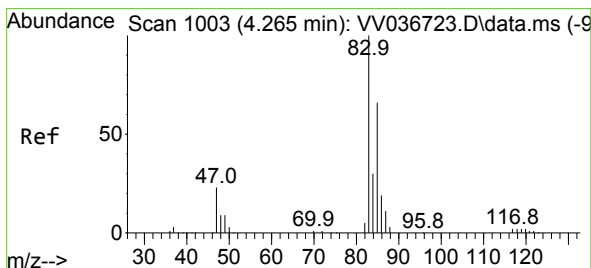
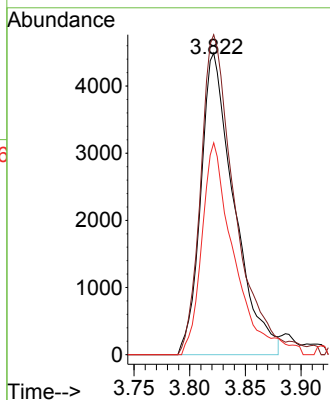
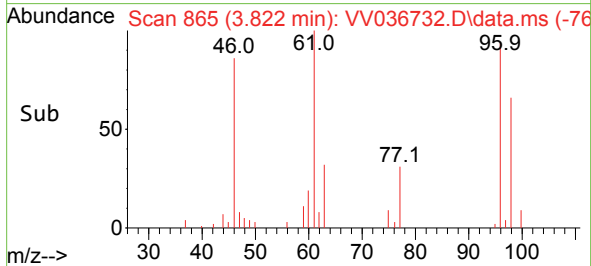
#20
 cis-1,2-Dichloroethene
 Concen: 1.775 ug/L
 RT: 3.822 min Scan# 80
 Delta R.T. 0.016 min
 Lab File: VV036732.D
 Acq: 26 Jul 2024 15:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 9373

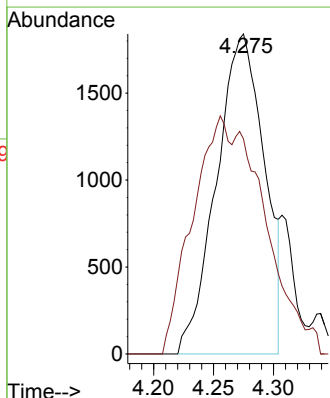
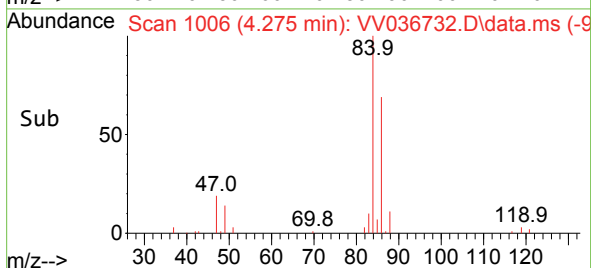
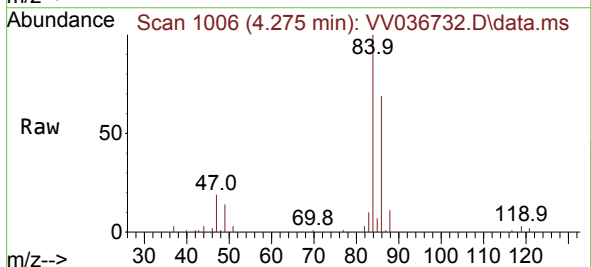
Ion	Ratio	Lower	Upper
96	100		
61	106.1	73.0	135.6
98	70.3	44.8	83.2

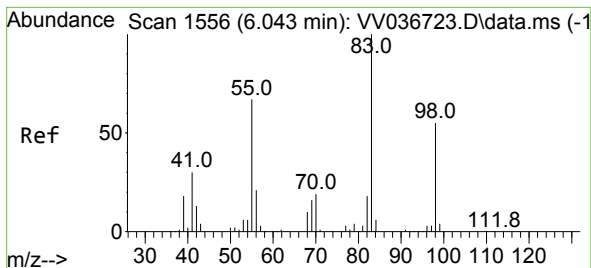


#25
 Chloroform
 Concen: 0.533 ug/L
 RT: 4.275 min Scan# 1006
 Delta R.T. 0.010 min
 Lab File: VV036732.D
 Acq: 26 Jul 2024 15:43

Tgt Ion: 83 Resp: 5101

Ion	Ratio	Lower	Upper
83	100		
85	67.2	45.6	84.6





#35

Methylcyclohexane

Concen: 4.060 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV036732.D

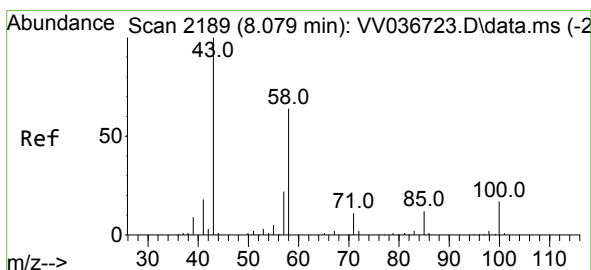
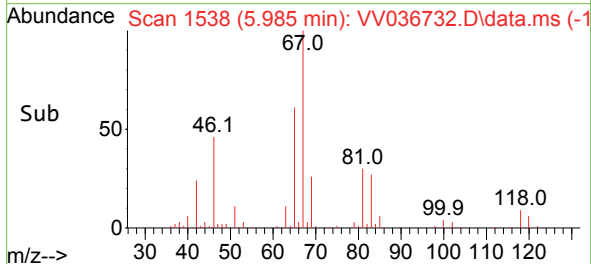
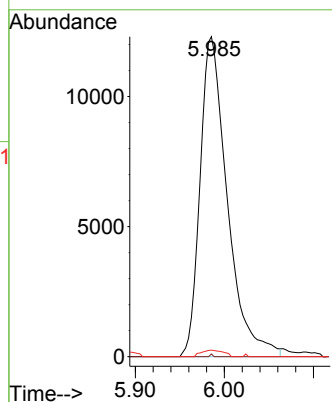
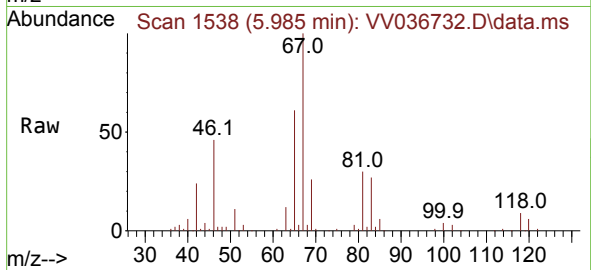
Acq: 26 Jul 2024 15:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 26151
Ion Ratio	Lower Upper
83 100	
55 0.0	50.8 76.2#
98 1.7	41.3 61.9#



#48

2-Hexanone

Concen: 3.675 ug/L

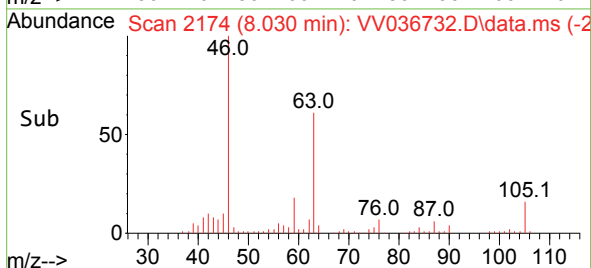
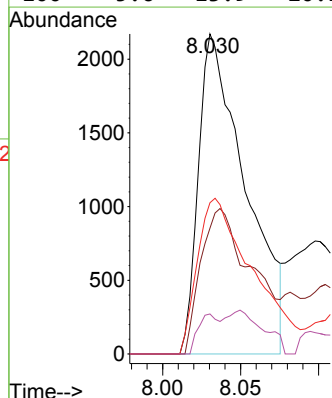
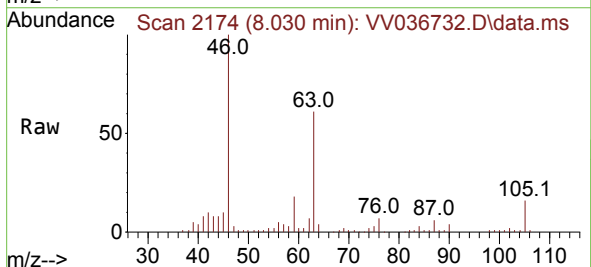
RT: 8.030 min Scan# 2174

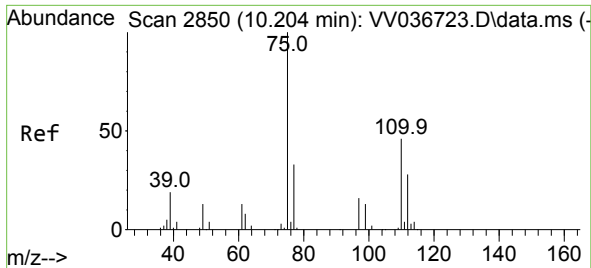
Delta R.T. -0.048 min

Lab File: VV036732.D

Acq: 26 Jul 2024 15:43

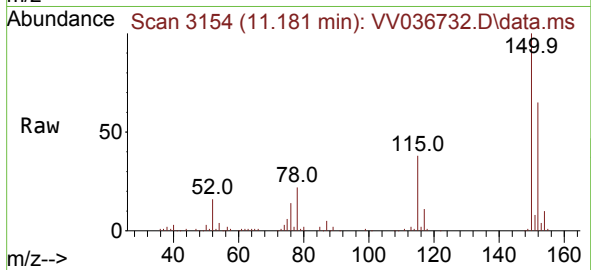
Tgt Ion: 43	Resp: 4577
Ion Ratio	Lower Upper
43 100	
58 35.6	50.6 75.8#
57 57.2	17.7 26.5#
100 5.6	13.9 20.9#





#61
 1,2,3-Trichloropropane
 Concen: 4.787 ug/L
 RT: 11.181 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV036732.D
 Acq: 26 Jul 2024 15:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 5515
 Ion Ratio Lower Upper
 75 100
 77 43.5 25.9 38.9#
 110 0.0 36.2 54.4#

