

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012523\
 Data File : VW029950.D
 Acq On : 25 Jan 2023 18:17
 Operator : SY/MD
 Sample : 01292-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL64

Quant Time: Jan 25 22:16:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 25 22:12:17 2023
 Response via : Initial Calibration

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

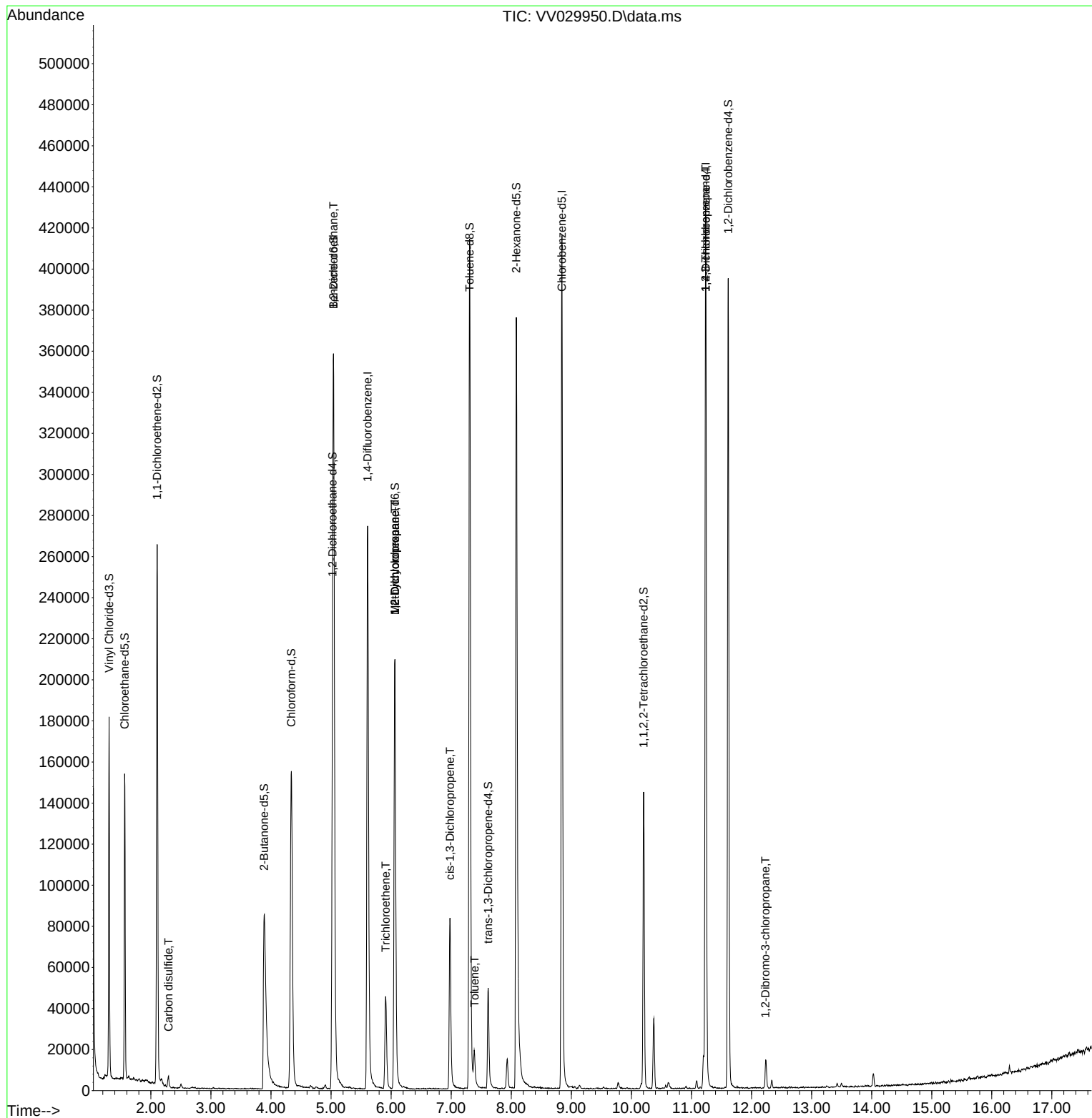
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	244571	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	242430	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	118842	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	104693	5.644	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.800%
7) Chloroethane-d5	1.564	69	94799	6.165	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.200%
11) 1,1-Dichloroethene-d2	2.105	63	139271	4.118	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	3.886	46	168296	51.186	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.380%
24) Chloroform-d	4.339	84	168050	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.024	65	74102	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.040	84	351115	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.063	67	111680	5.306	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.307	98	292223	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.616	79	30593	3.980	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.085	63	143301	45.794	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.580%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	74382	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	106508	4.930	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
14) Carbon disulfide	2.294	76	6468	0.108	ug/L	99
27) 1,2-Dichloroethane	5.040	62	1722	0.100	ug/L #	71
34) Trichloroethene	5.908	95	17470	0.860	ug/L	89
35) Methylcyclohexane	6.063	83	24821	0.724	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	11042	0.588	ug/L #	88
39) cis-1,3-Dichloropropene	6.982	75	1917	0.076	ug/L #	34
42) Toluene	7.387	91	12554	0.145	ug/L	95
61) 1,2,3-Trichloropropane	11.236	75	13952	1.586	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.233	75	471	0.226	ug/L #	15

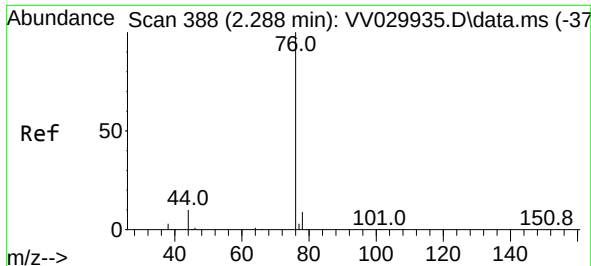
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 25 22:12:17 2023
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.108 ug/L

RT: 2.294 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV029950.D

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Instrument :

MSVOA_V

ClientSampleId :

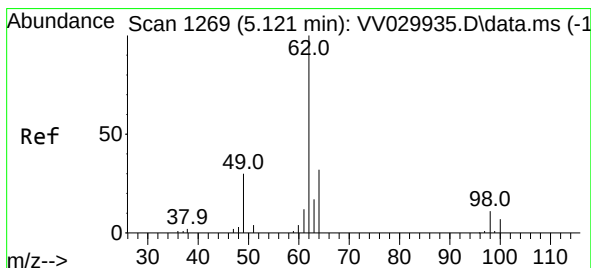
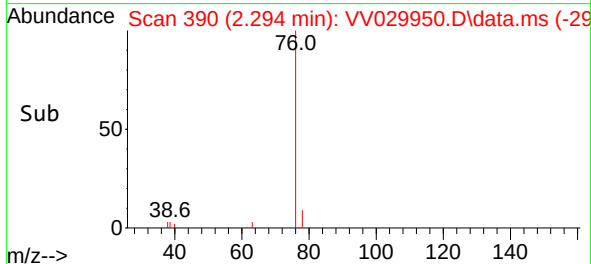
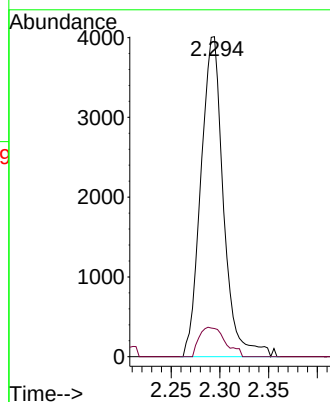
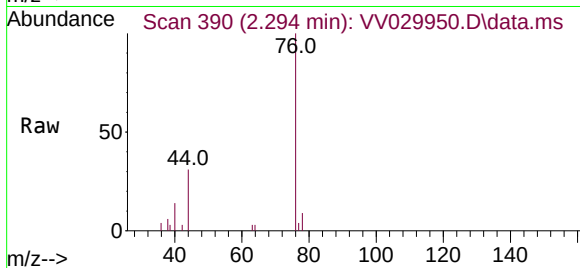
C0L64

Tgt Ion: 76 Resp: 6468

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



#27

1,2-Dichloroethane

Concen: 0.100 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.080 min

Lab File: VV029950.D

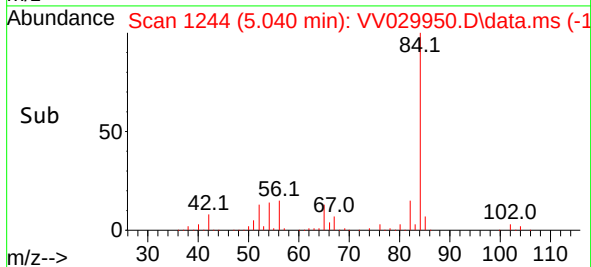
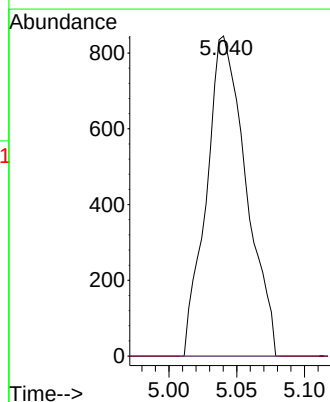
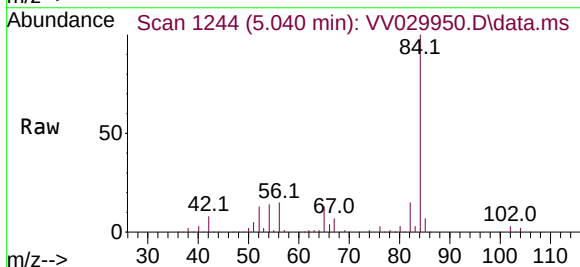
Acq: 25 Jan 2023 18:17

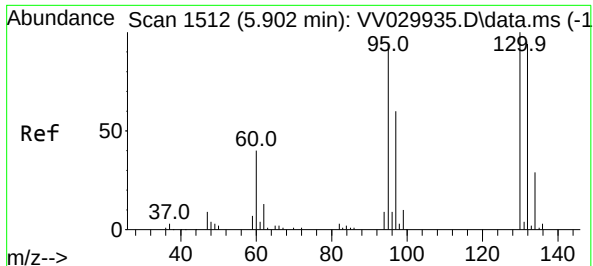
Tgt Ion: 62 Resp: 1722

Ion Ratio Lower Upper

62 100

98 0.0 8.9 13.3#





#34

Trichloroethene

Concen: 0.860 ug/L

RT: 5.908 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV029950.D

Acq: 25 Jan 2023 18:17

Instrument :

MSVOA_V

ClientSampleId :

COL64

Tgt Ion: 95 Resp: 17470

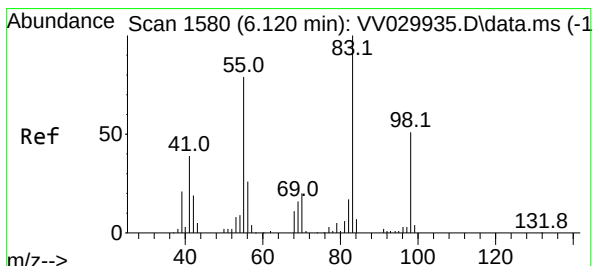
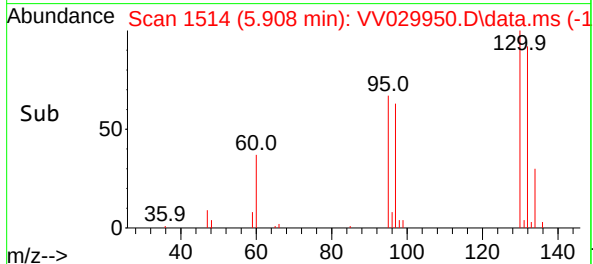
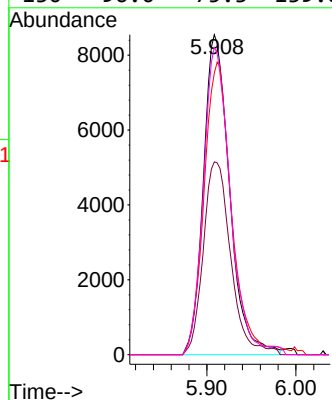
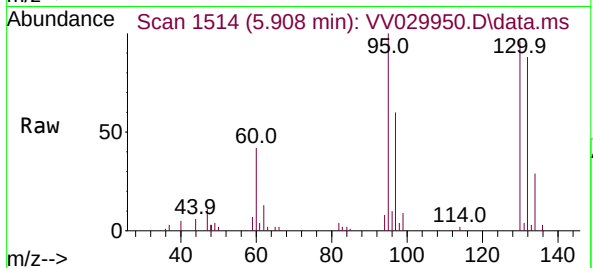
Ion Ratio Lower Upper

95 100

97 60.2 44.9 83.3

132 88.0 71.8 133.4

130 96.0 75.3 139.8



#35

Methylcyclohexane

Concen: 0.724 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029950.D

Acq: 25 Jan 2023 18:17

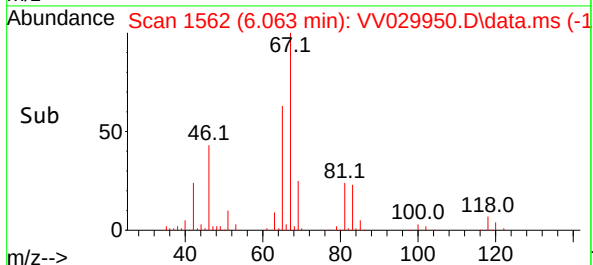
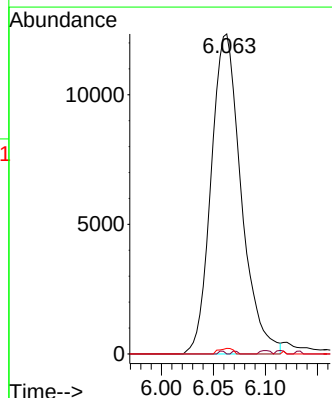
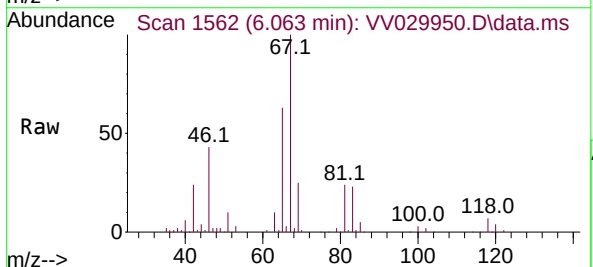
Tgt Ion: 83 Resp: 24821

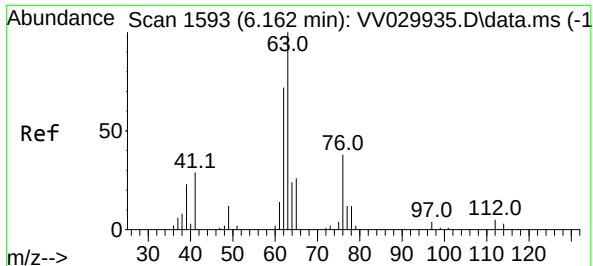
Ion Ratio Lower Upper

83 100

55 0.2 57.3 85.9#

98 0.8 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.588 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV029950.D

Acq: 25 Jan 2023 18:17

Instrument :

MSVOA_V

ClientSampleId :

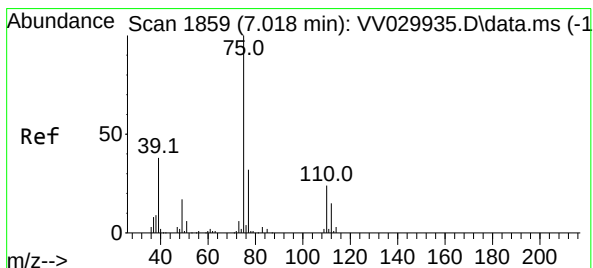
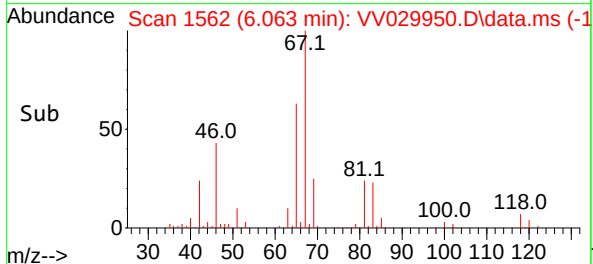
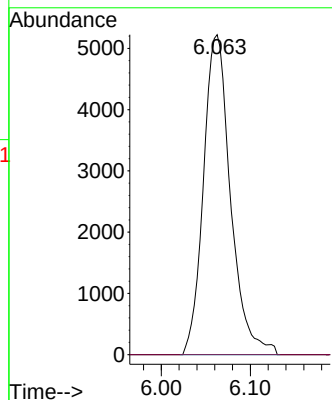
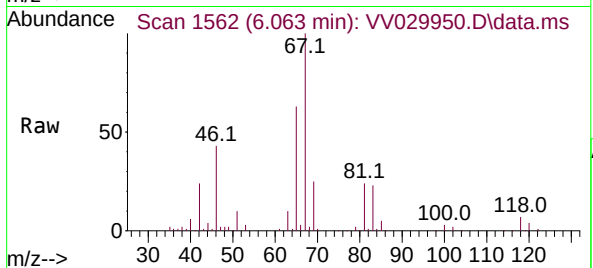
C0L64

Tgt Ion: 63 Resp: 11042

Ion Ratio Lower Upper

63 100

112 1.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.035 min

Lab File: VV029950.D

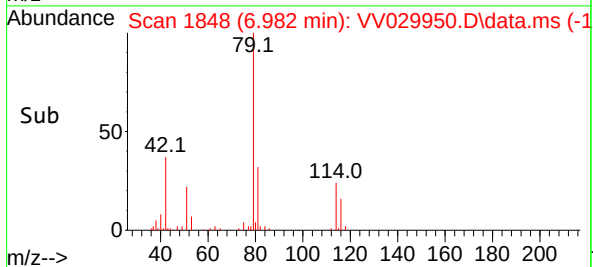
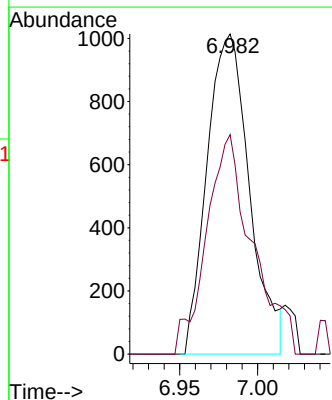
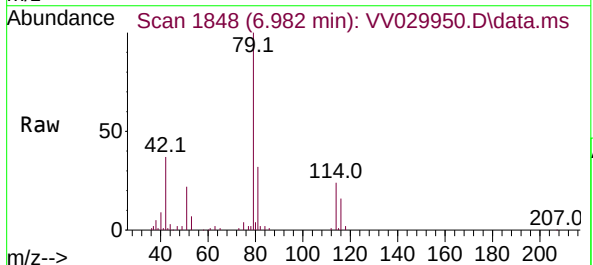
Acq: 25 Jan 2023 18:17

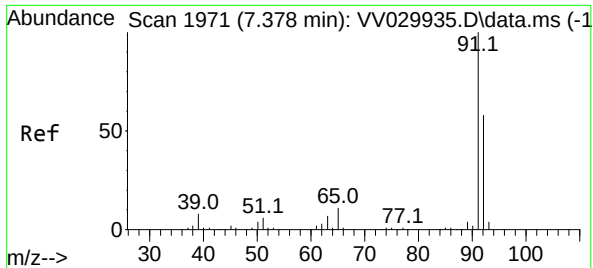
Tgt Ion: 75 Resp: 1917

Ion Ratio Lower Upper

75 100

77 68.5 22.4 41.6#





#42

Toluene

Concen: 0.145 ug/L

RT: 7.387 min Scan# 1971

Delta R.T. 0.010 min

Lab File: VV029950.D

Acq: 25 Jan 2023 18:17

Instrument :

MSVOA_V

ClientSampleId :

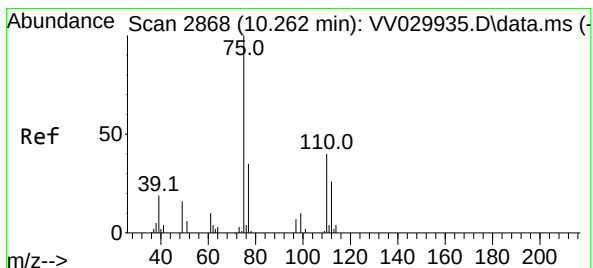
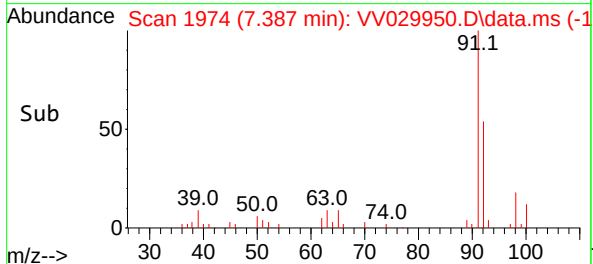
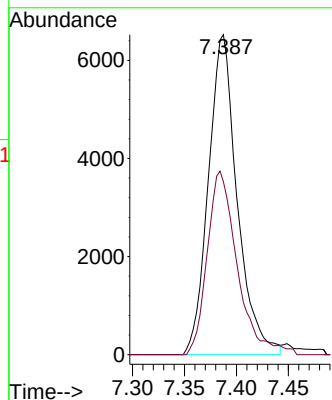
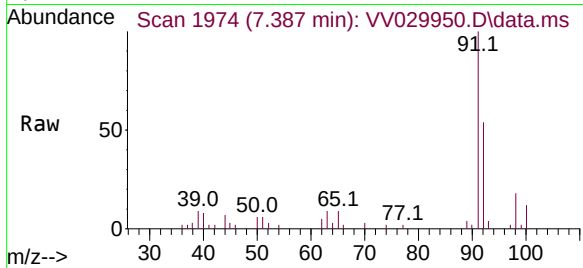
COL64

Tgt Ion: 91 Resp: 12554

Ion Ratio Lower Upper

91 100

92 54.1 40.6 75.4



#61

1,2,3-Trichloropropane

Concen: 1.586 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.974 min

Lab File: VV029950.D

Acq: 25 Jan 2023 18:17

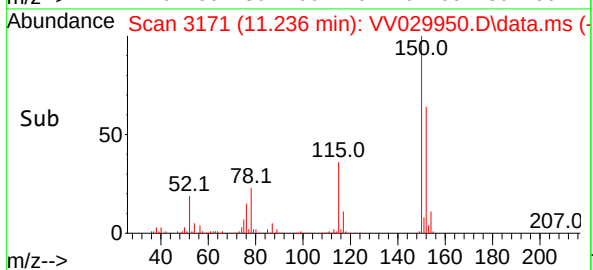
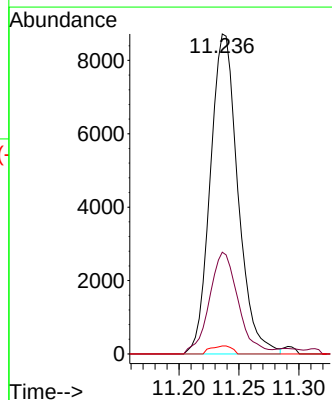
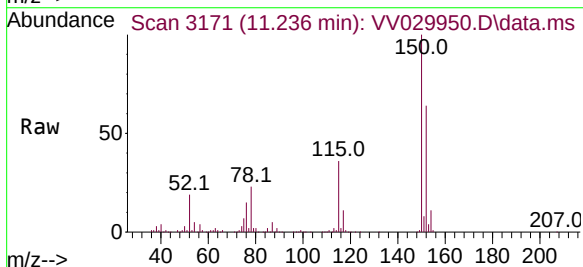
Tgt Ion: 75 Resp: 13952

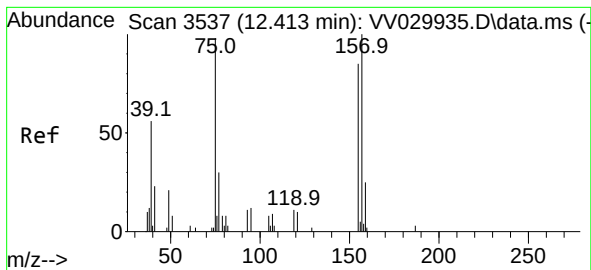
Ion Ratio Lower Upper

75 100

77 33.1 26.5 39.7

110 1.9 31.8 47.8#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.226 ug/L
 RT: 12.233 min Scan# 34
 Delta R.T. -0.180 min
 Lab File: VV029950.D
 Acq: 25 Jan 2023 18:17

Instrument :
 MSVOA_V
 ClientSampleId :
 C0L64

Tgt Ion: 75 Resp: 471
 Ion Ratio Lower Upper
 75 100
 155 42.5 75.5 113.3#
 157 0.0 99.2 148.8#

