

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091922\
 Data File : VV027950.D
 Acq On : 20 Sep 2022 01:35
 Operator : SY/MD
 Sample : N4658-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EE0

Quant Time: Sep 20 02:12:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:54:53 2022
 Response via : Initial Calibration

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

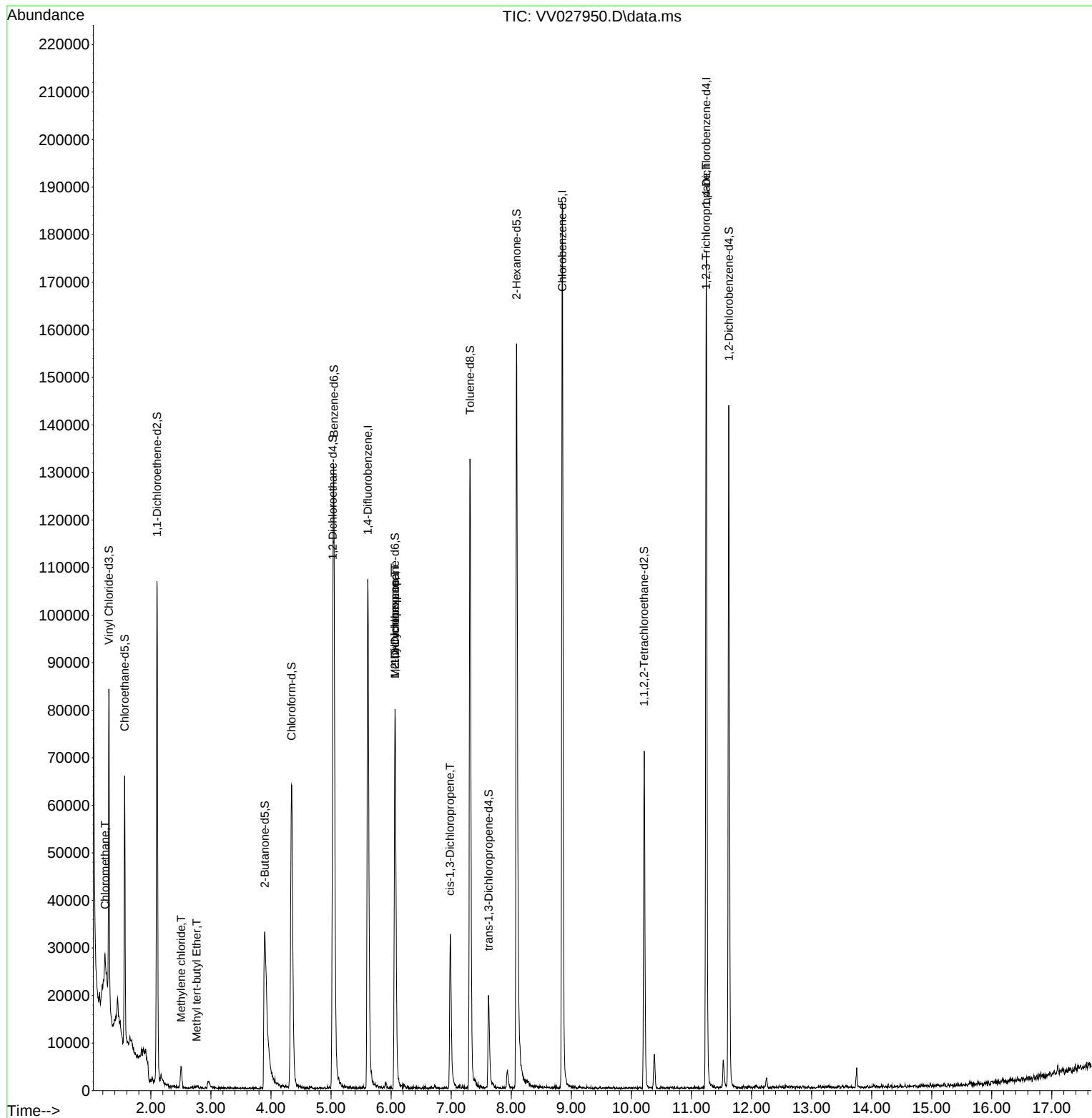
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	98464	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	109169	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	48839	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	41275	5.368	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.400%
7) Chloroethane-d5	1.564	69	37830	5.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.800%
11) 1,1-Dichloroethene-d2	2.101	63	53130	4.180	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	3.895	46	72025	58.629	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.260%
24) Chloroform-d	4.342	84	70490	5.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%
26) 1,2-Dichloroethane-d4	5.030	65	30067	5.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.000%
32) Benzene-d6	5.046	84	124514	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.066	67	41181	4.845	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.313	98	93139	4.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.622	79	12541	4.456	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.088	63	58613	47.159	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.320%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	35953	5.172	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	38944	5.123	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	3102	0.365	ug/L	85
16) Methylene chloride	2.506	84	1882	0.241	ug/L #	74
17) Methyl tert-butyl Ether	2.760	73	448	0.036	ug/L #	80
35) Methylcyclohexane	6.063	83	9404	0.900	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	4334	0.549	ug/L #	87
39) cis-1,3-Dichloropropene	6.982	75	872	0.087	ug/L #	52
61) 1,2,3-Trichloropropane	11.242	75	5356	1.497	ug/L #	63

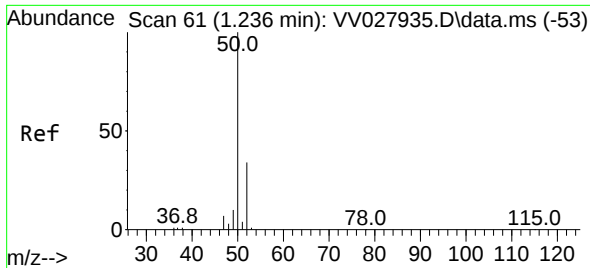
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 20 01:54:53 2022
Response via : Initial Calibration

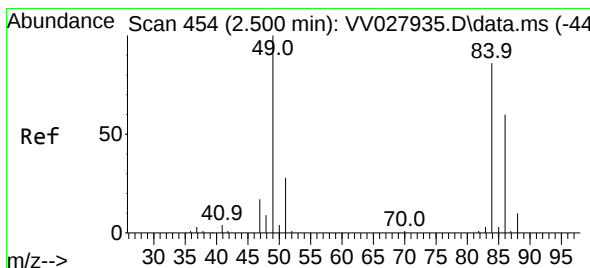
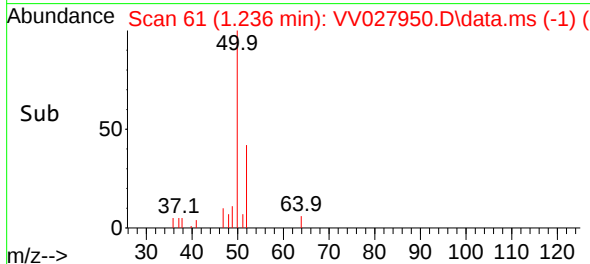
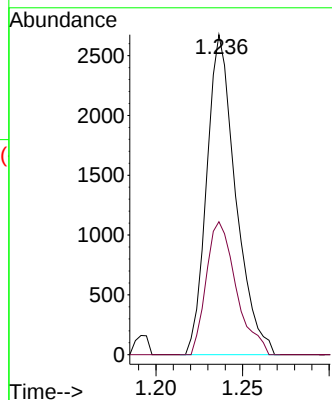
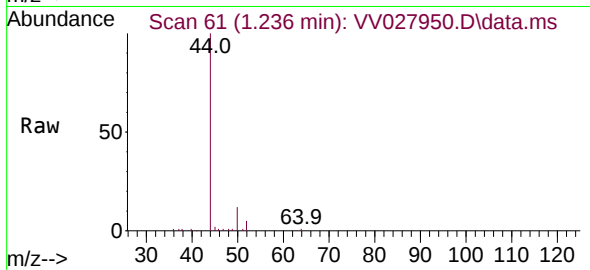




#3
Chloromethane
Concen: 0.365 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027950.D
Acq: 20 Sep 2022 01:35

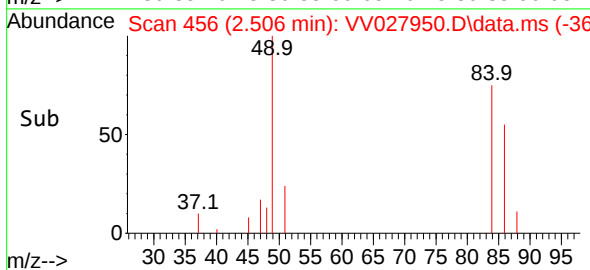
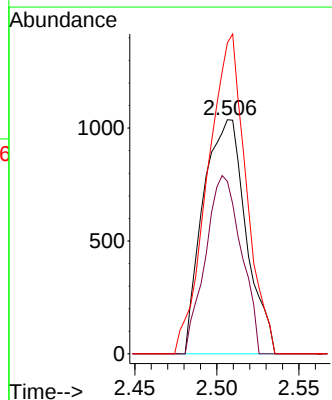
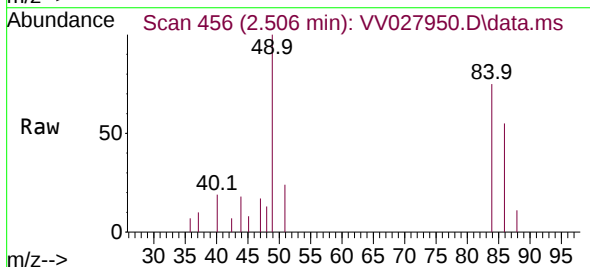
Instrument :
MSVOA_V
ClientSampleId :
C0EE0

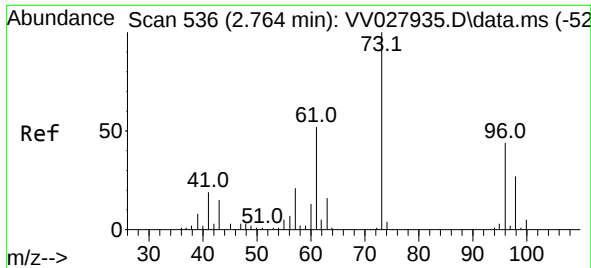
Tgt Ion: 50 Resp: 3102
Ion Ratio Lower Upper
50 100
52 41.6 23.0 42.8



#16
Methylene chloride
Concen: 0.241 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.006 min
Lab File: VV027950.D
Acq: 20 Sep 2022 01:35

Tgt Ion: 84 Resp: 1882
Ion Ratio Lower Upper
84 100
86 73.7 42.4 78.6
49 132.8 70.7 131.3#

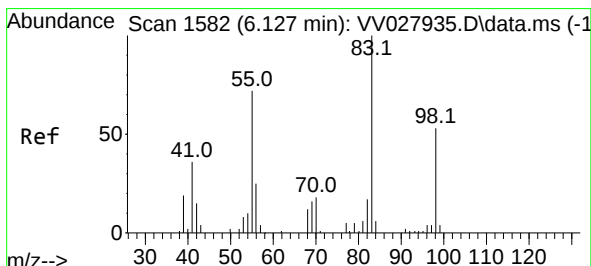
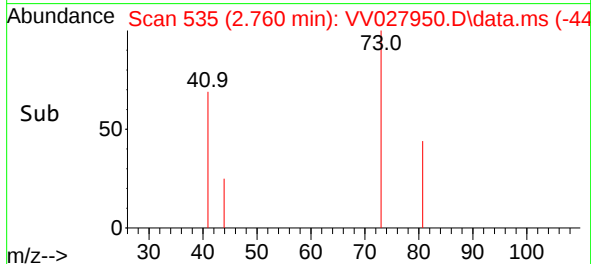
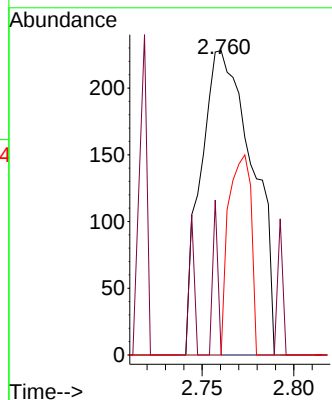
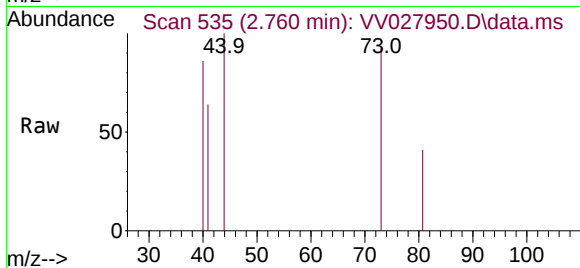




#17
Methyl tert-butyl Ether
Concen: 0.036 ug/L
RT: 2.760 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV027950.D
Acq: 20 Sep 2022 01:35

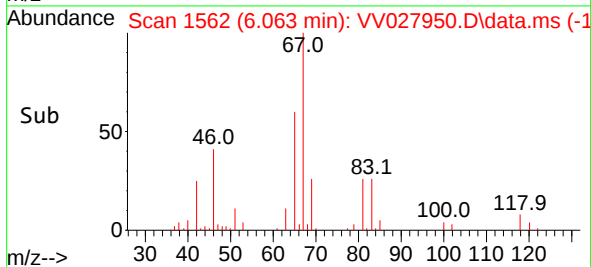
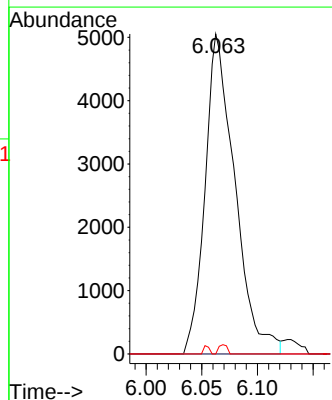
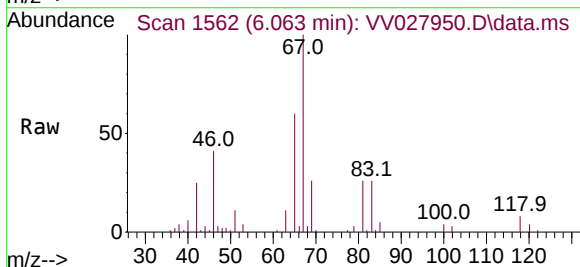
Instrument :
MSVOA_V
ClientSampleId :
C0EE0

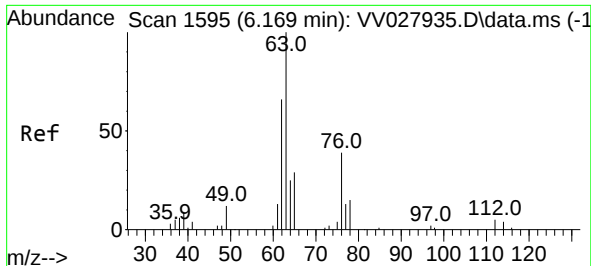
Tgt Ion: 73 Resp: 448
Ion Ratio Lower Upper
73 100
43 4.9 12.4 18.6#
57 28.3 16.6 25.0#



#35
Methylcyclohexane
Concen: 0.900 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.064 min
Lab File: VV027950.D
Acq: 20 Sep 2022 01:35

Tgt Ion: 83 Resp: 9404
Ion Ratio Lower Upper
83 100
55 0.0 54.5 81.7#
98 0.8 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.549 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV027950.D

Acq: 20 Sep 2022 01:35

Instrument :

MSVOA_V

ClientSampleId :

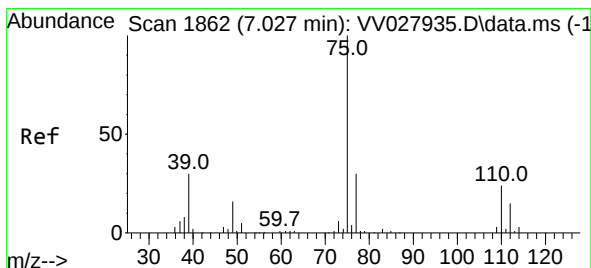
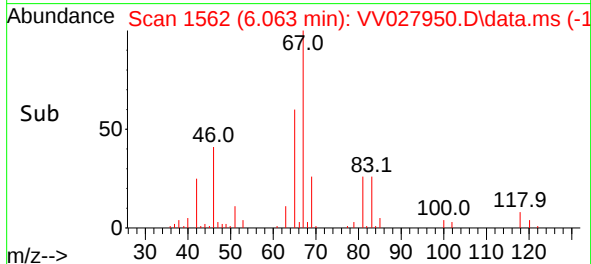
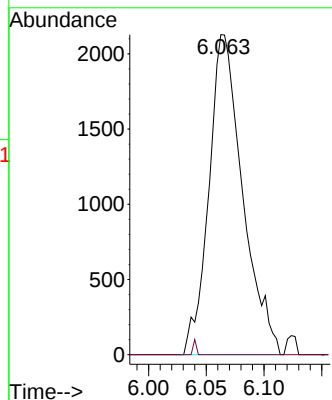
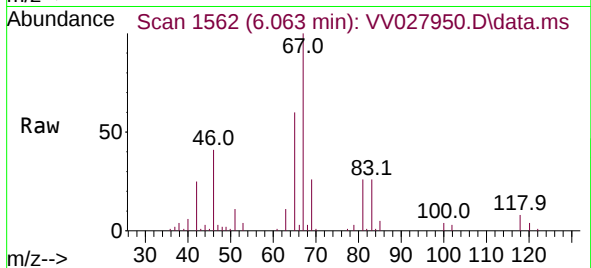
C0EE0

Tgt Ion: 63 Resp: 4334

Ion Ratio Lower Upper

63 100

112 0.4 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.045 min

Lab File: VV027950.D

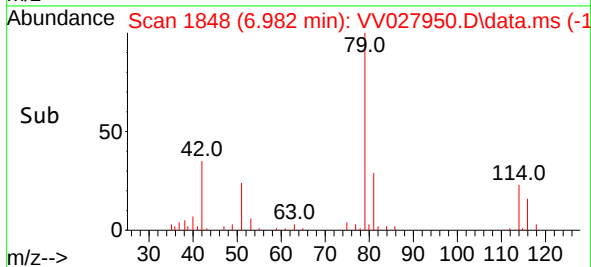
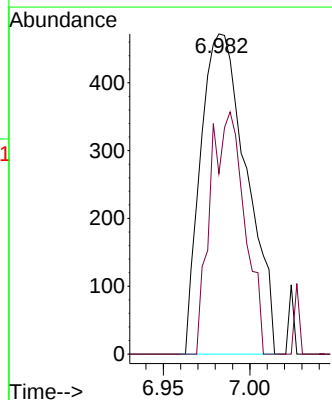
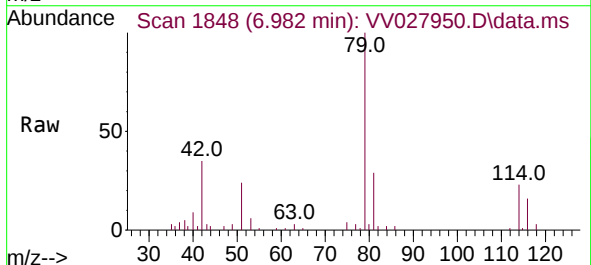
Acq: 20 Sep 2022 01:35

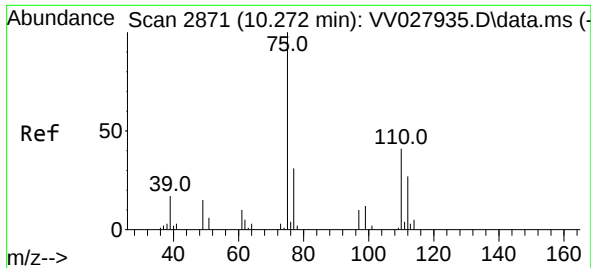
Tgt Ion: 75 Resp: 872

Ion Ratio Lower Upper

75 100

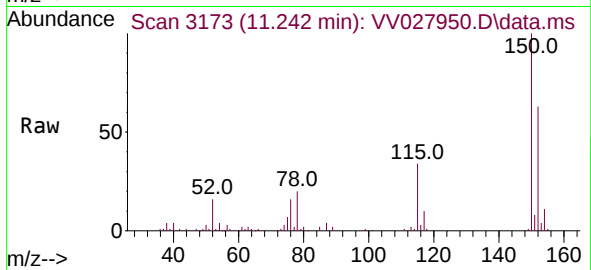
77 56.4 21.1 39.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.497 ug/L
 RT: 11.242 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV027950.D
 Acq: 20 Sep 2022 01:35

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EE0



Tgt Ion:	75	Resp:	5356
Ion	Ratio	Lower	Upper
75	100		
77	35.1	26.1	39.1
110	0.0	31.3	46.9

