

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041624\
 Data File : VV035228.D
 Acq On : 16 Apr 2024 10:25
 Operator : SY/MD
 Sample : P2032-08DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 17 02:46:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 02:28:28 2024
 Response via : Initial Calibration

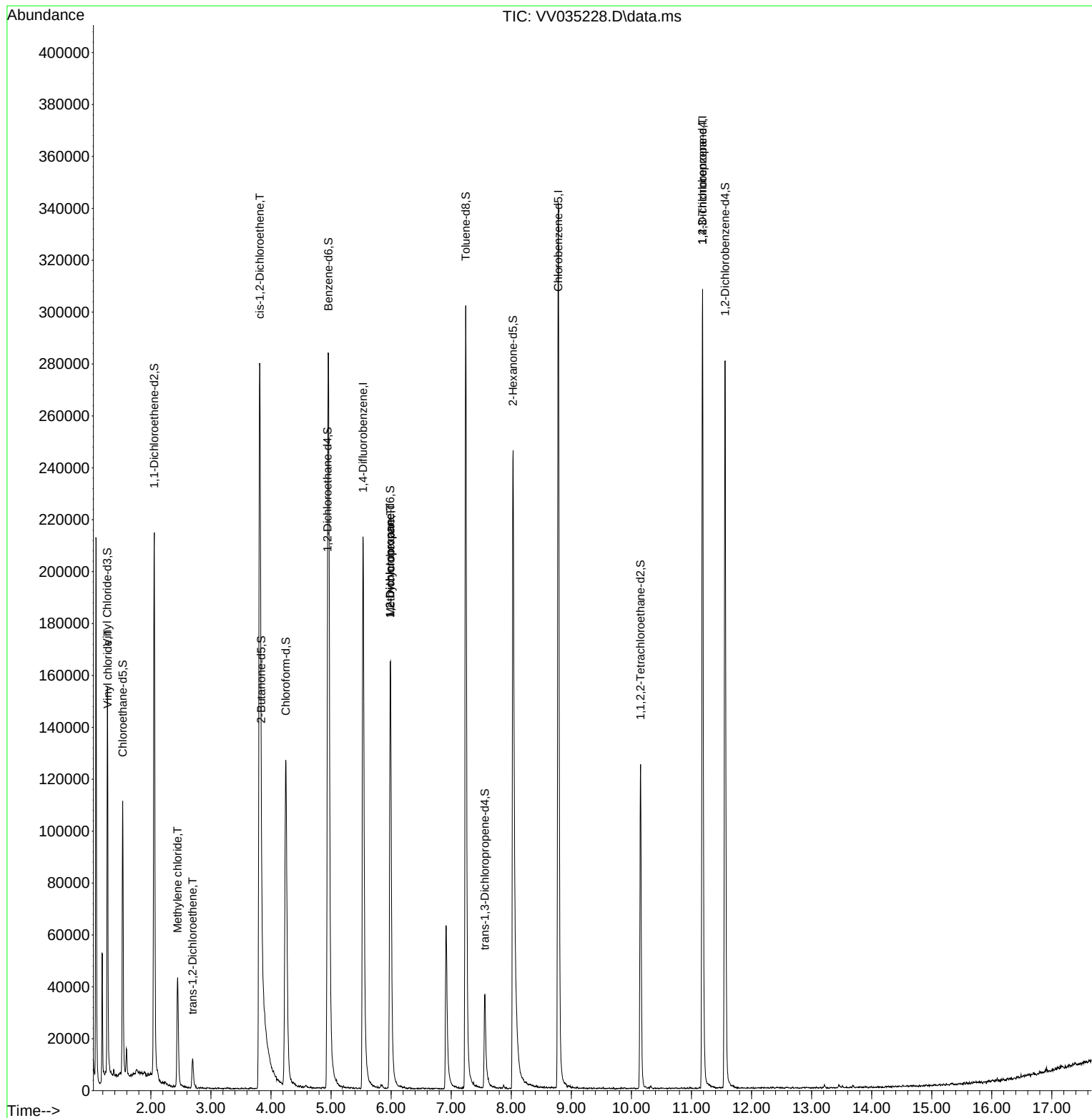
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	193644	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	193231	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	82333	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	85452	4.713	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.532	69	68637	4.872	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.057	65	36672	4.768	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	3.838	46	66776	21.773	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	43.540%
24) Chloroform-d	4.246	84	137773	4.860	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	4.941	65	70047	5.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	4.957	84	266512	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	5.986	67	88043	5.157	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.243	98	213866	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	7.561	79	25332	4.158	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.031	63	100383	39.557	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.120%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	62951	4.787	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	74229	5.072	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						
5) Vinyl chloride	1.282	62	6685	0.319	ug/L #	80
16) Methylene chloride	2.446	84	17511	0.946	ug/L	95
18) trans-1,2-Dichloroethene	2.696	96	4316	0.287	ug/L	95
22) cis-1,2-Dichloroethene	3.812	96	139634	9.041	ug/L	98
35) Methylcyclohexane	5.989	83	19275	0.801	ug/L #	18
37) 1,2-Dichloropropane	5.986	63	9698	0.604	ug/L #	89
61) 1,2,3-Trichloropropane	11.185	75	9995	1.209	ug/L #	66

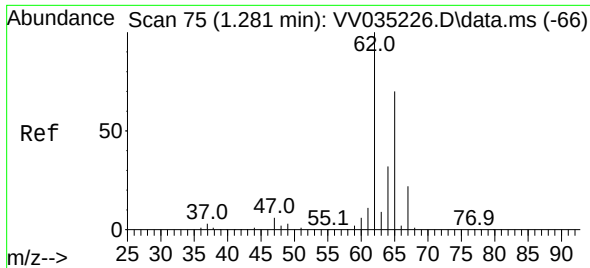
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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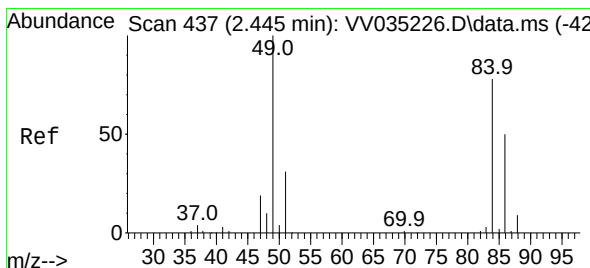
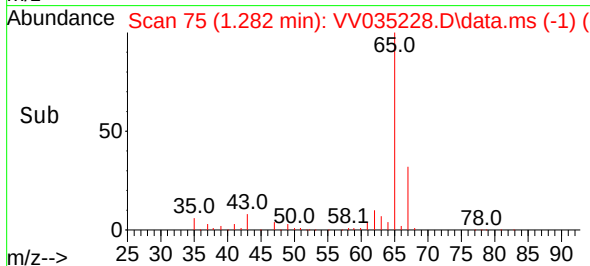
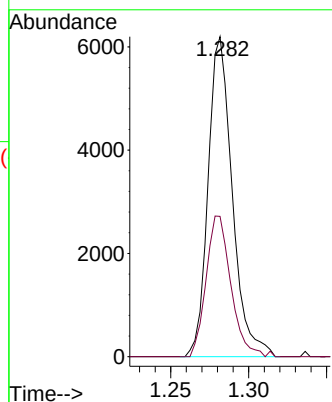
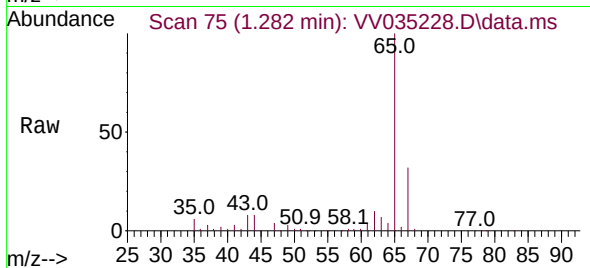




#5
 Vinyl chloride
 Concen: 0.319 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV035228.D
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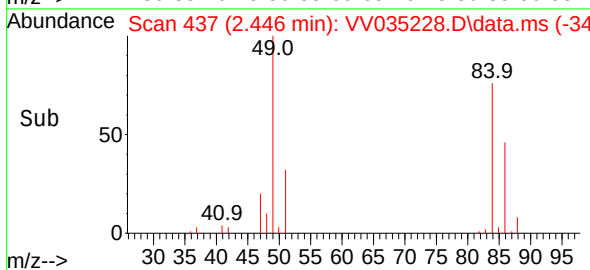
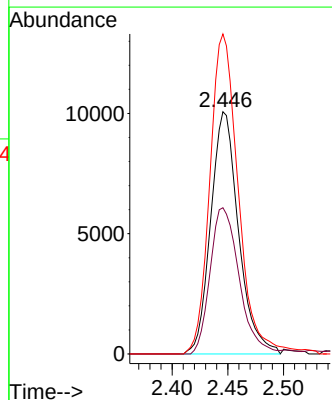
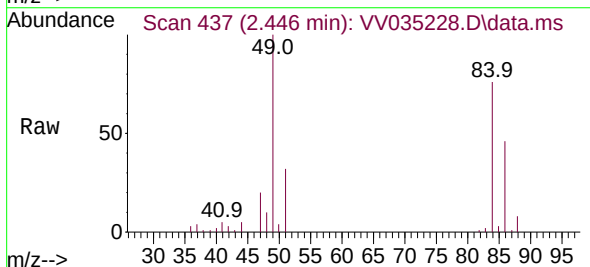
Instrument :
 MSVOA_V
 ClientSampleId :

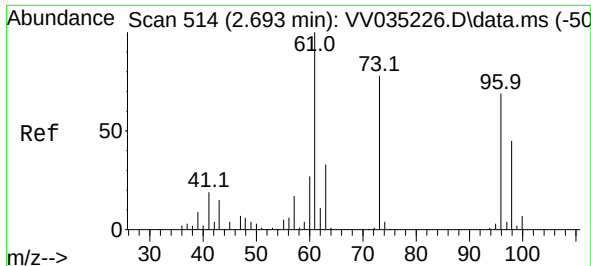
Tgt Ion: 62 Resp: 6685
 Ion Ratio Lower Upper
 62 100
 64 43.9 22.8 42.4#



#16
 Methylene chloride
 Concen: 0.946 ug/L
 RT: 2.446 min Scan# 437
 Delta R.T. 0.000 min
 Lab File: VV035228.D
 Acq: 16 Apr 2024 10:25

Tgt Ion: 84 Resp: 17511
 Ion Ratio Lower Upper
 84 100
 86 60.4 45.6 84.6
 49 132.1 89.5 166.1





#18

trans-1,2-Dichloroethene

Concen: 0.287 ug/L

RT: 2.696 min Scan# 514

Delta R.T. 0.003 min

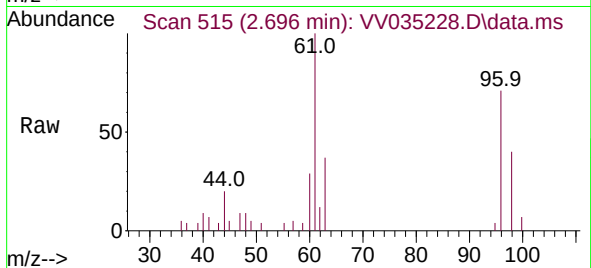
Lab File: VV035228.D

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Instrument :

MSVOA_V

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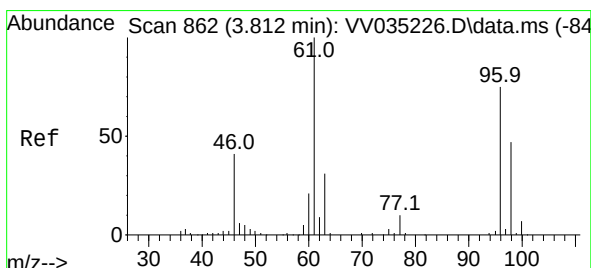
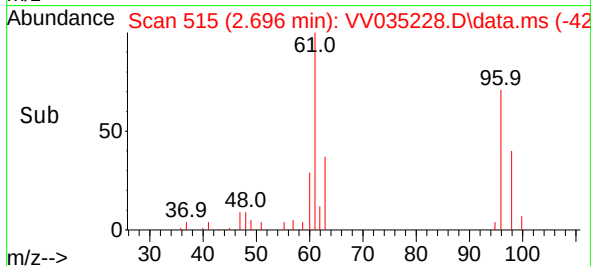
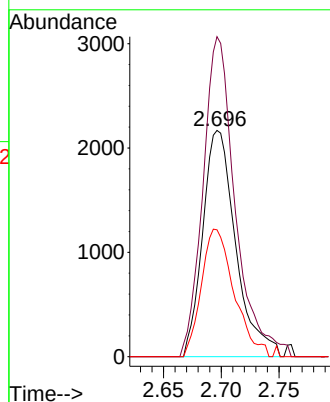
Tgt Ion: 96 Resp: 4316

Ion Ratio Lower Upper

96 100

61 141.5 101.8 189.2

98 56.1 44.7 82.9



#22

cis-1,2-Dichloroethene

Concen: 9.041 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.000 min

Lab File: VV035228.D

Acq: 16 Apr 2024 10:25

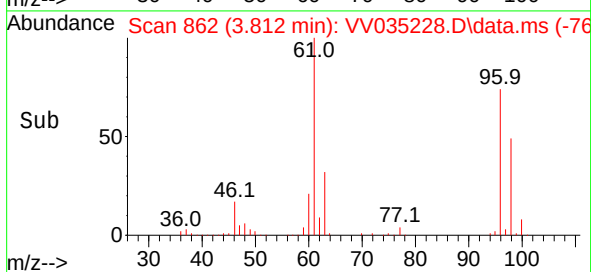
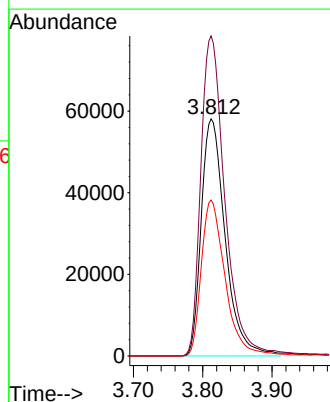
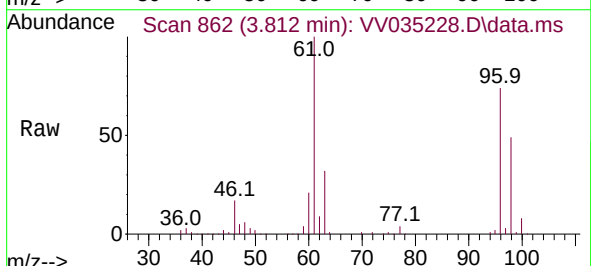
Tgt Ion: 96 Resp: 139634

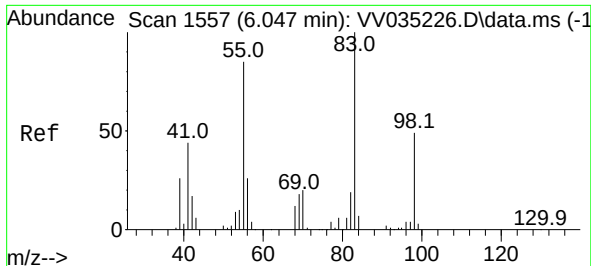
Ion Ratio Lower Upper

96 100

61 135.0 92.8 172.4

98 65.8 45.5 84.5

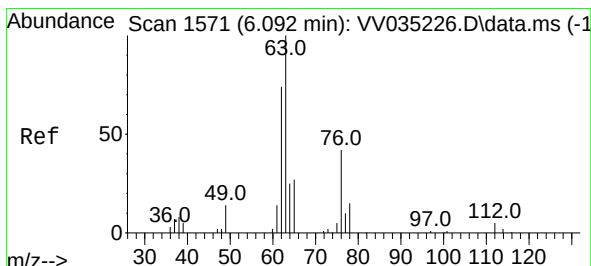
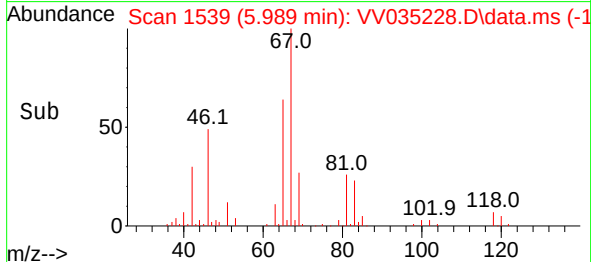
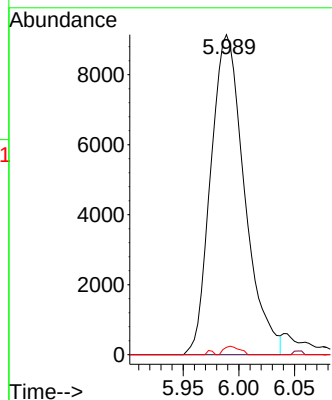
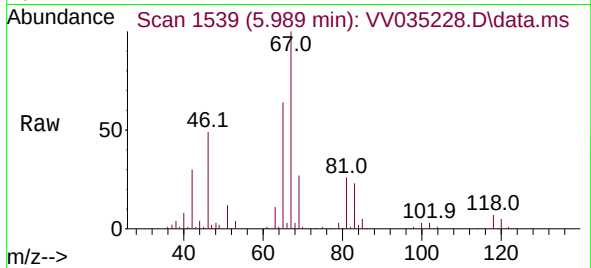




#35
Methylcyclohexane
Concen: 0.801 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV035228.D
Acq: 16 Apr 2024 10:25

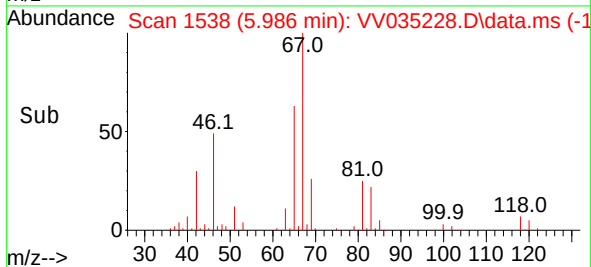
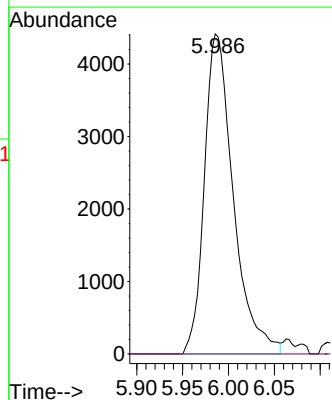
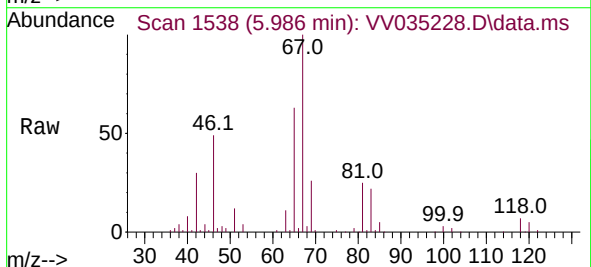
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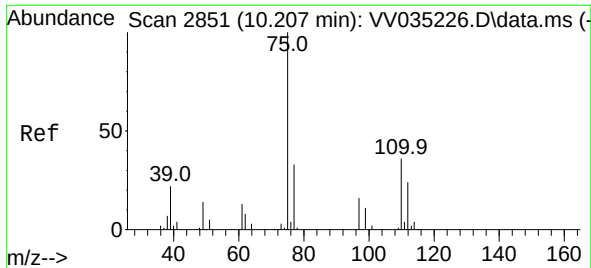
Tgt Ion: 83 Resp: 19275
Ion Ratio Lower Upper
83 100
55 0.3 63.8 95.6#
98 1.2 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.106 min
Lab File: VV035228.D
Acq: 16 Apr 2024 10:25

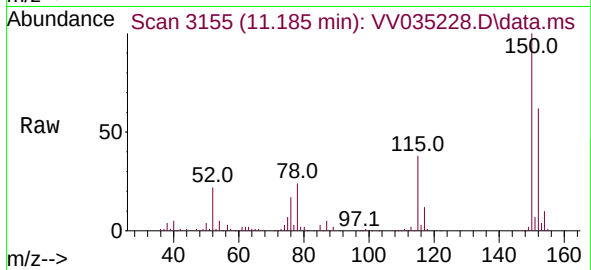
Tgt Ion: 63 Resp: 9698
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.209 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.978 min
 Lab File: VV035228.D
 Acq: 16 Apr 2024 10:25

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 9995
 Ion Ratio Lower Upper
 75 100
 77 34.9 25.3 37.9
 110 2.3 29.6 44.4#

