

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041624\
 Data File : VV035240.D
 Acq On : 16 Apr 2024 15:09
 Operator : SY/MD
 Sample : P2032-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 17 02:49:46 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)

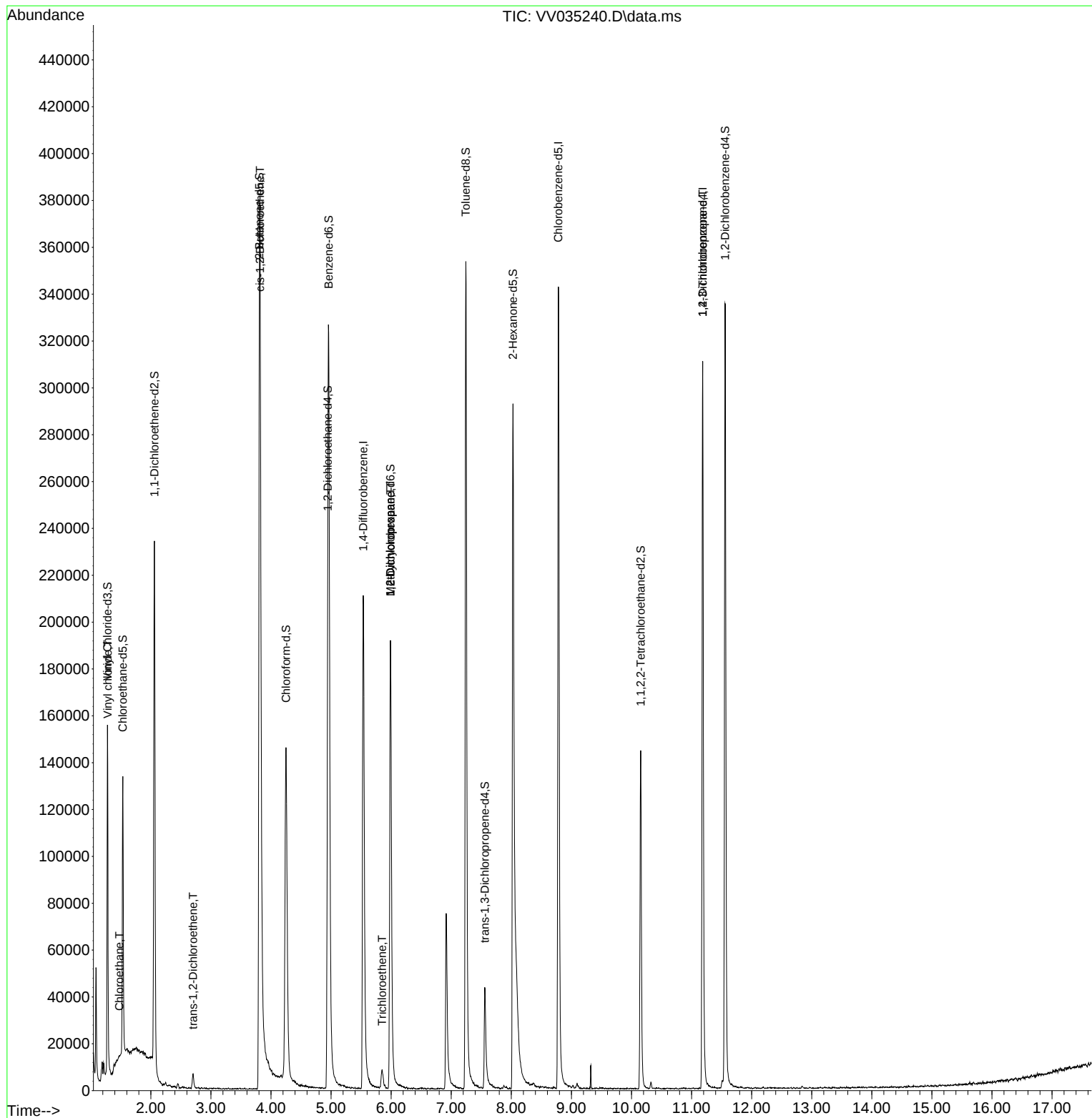
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	185423	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	193424	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	81701	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	90312	5.202	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.000%
7) Chloroethane-d5	1.532	69	75926	5.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.600%
11) 1,1-Dichloroethene-d2	2.060	65	37829	5.136	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.800%
20) 2-Butanone-d5	3.805	46	124655	42.448	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.900%
24) Chloroform-d	4.249	84	157079	5.786	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.800%
26) 1,2-Dichloroethane-d4	4.944	65	80163	6.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.000%
32) Benzene-d6	4.960	84	298920	5.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
36) 1,2-Dichloropropane-d6	5.989	67	99284	5.810	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.200%
41) Toluene-d8	7.243	98	243883	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	7.558	79	29877	4.899	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.027	63	130527	51.385	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.760%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	76422	5.806	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	88672	6.106	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.200%#
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	2990	0.149	ug/L #	47
8) Chloroethane	1.478	64	1700	0.137	ug/L #	49
18) trans-1,2-Dichloroethene	2.703	96	2405	0.167	ug/L	88
22) cis-1,2-Dichloroethene	3.815	96	181928	12.302	ug/L	99
34) Trichloroethene	5.850	95	2963	0.185	ug/L	96
35) Methylcyclohexane	5.989	83	22699	0.942	ug/L #	18
37) 1,2-Dichloropropane	5.989	63	10541	0.656	ug/L #	88
61) 1,2,3-Trichloropropane	11.185	75	10290	1.254	ug/L #	66

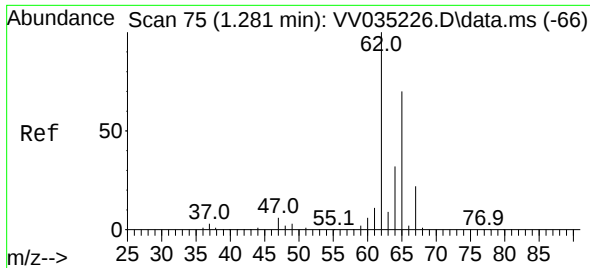
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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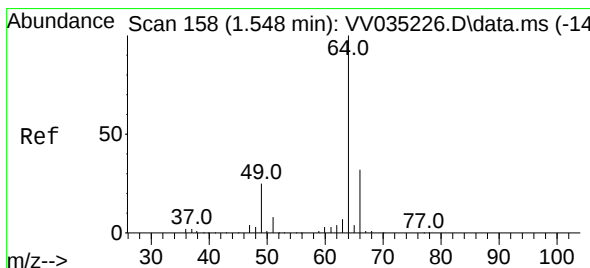
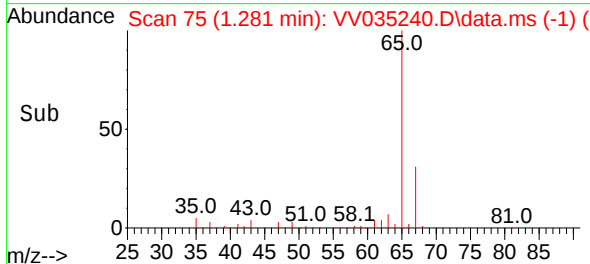
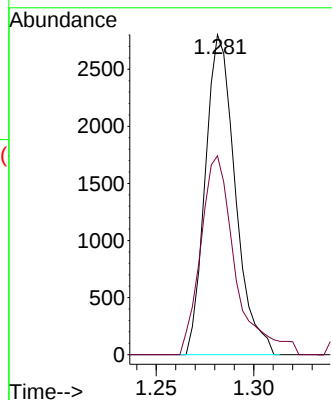
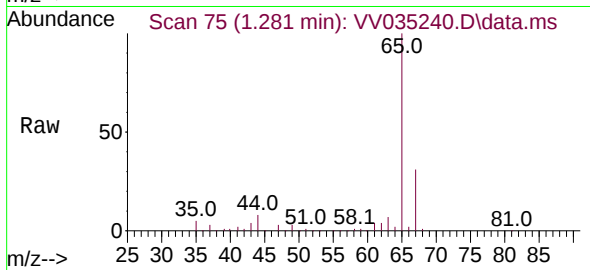




#5
 Vinyl chloride
 Concen: 0.149 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV035240.D
 Acq: 16 Apr 2024 15:09

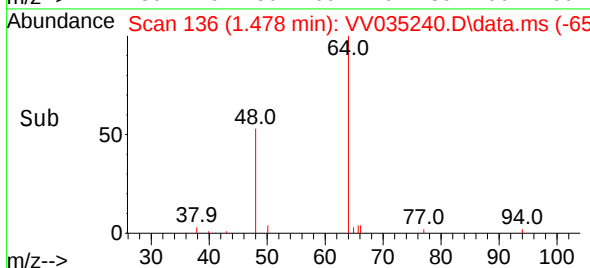
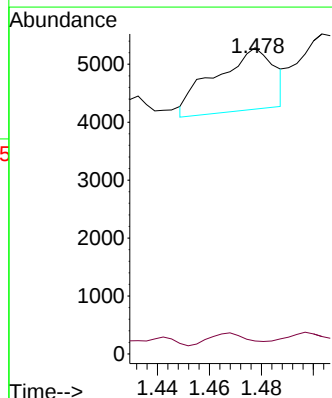
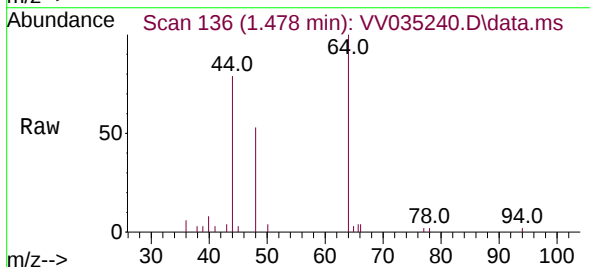
Instrument :
 MSVOA_V
 ClientSampleId :

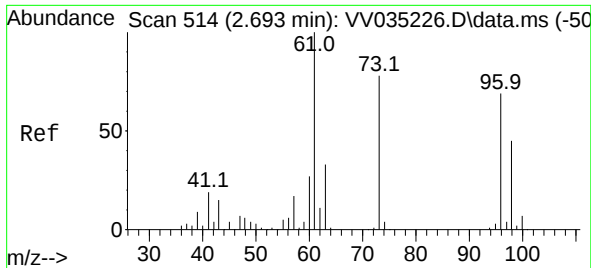
Tgt Ion: 62 Resp: 2990
 Ion Ratio Lower Upper
 62 100
 64 62.1 22.8 42.4#



#8
 Chloroethane
 Concen: 0.137 ug/L
 RT: 1.478 min Scan# 136
 Delta R.T. -0.071 min
 Lab File: VV035240.D
 Acq: 16 Apr 2024 15:09

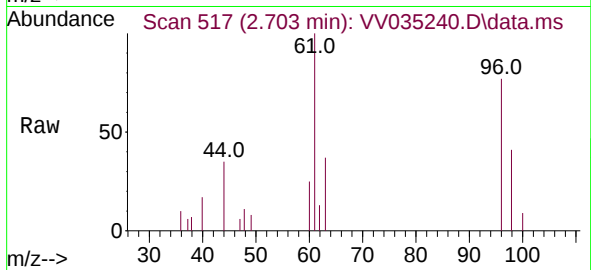
Tgt Ion: 64 Resp: 1700
 Ion Ratio Lower Upper
 64 100
 66 4.2 23.0 42.6#



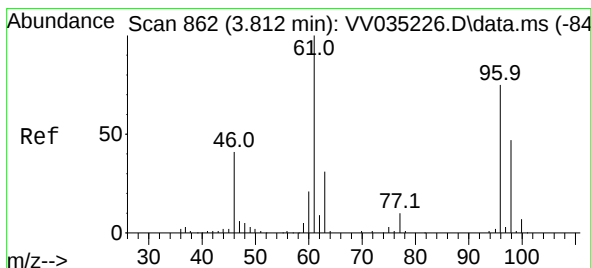
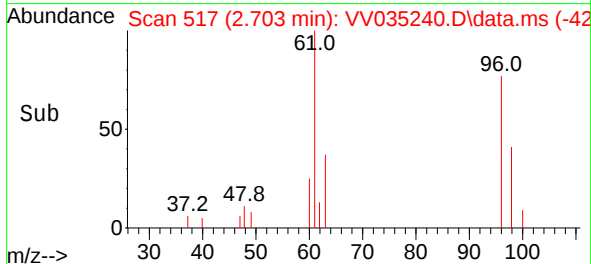
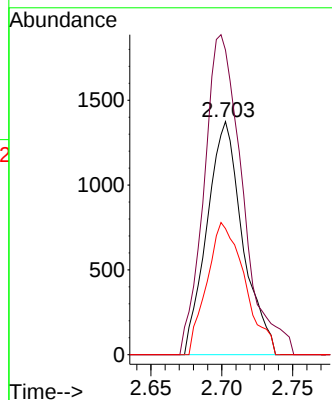


#18
trans-1,2-Dichloroethene
Concen: 0.167 ug/L
RT: 2.703 min Scan# 514
Delta R.T. 0.010 min
Lab File: VV035240.D
Acq: 16 Apr 2024 15:09

Instrument :
MSVOA_V
ClientSampleId :

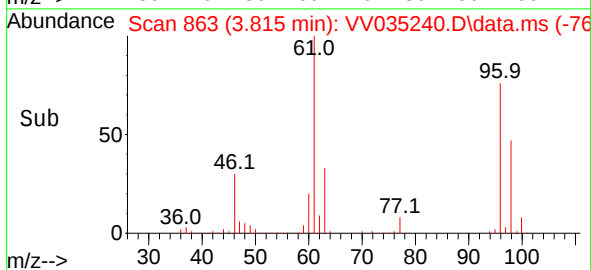
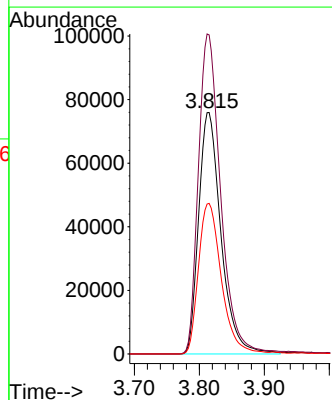
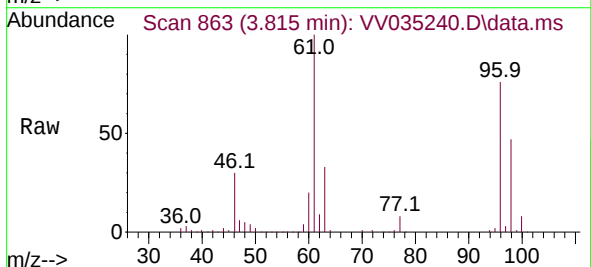


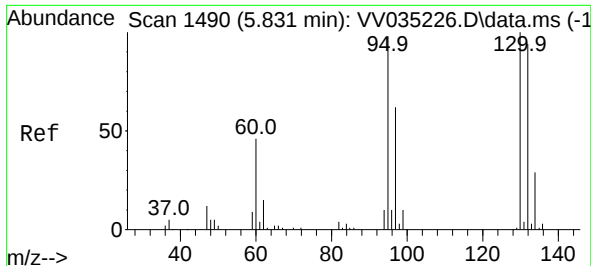
Tgt Ion: 96 Resp: 2405
Ion Ratio Lower Upper
96 100
61 130.6 101.8 189.2
98 54.0 44.7 82.9



#22
cis-1,2-Dichloroethene
Concen: 12.302 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV035240.D
Acq: 16 Apr 2024 15:09

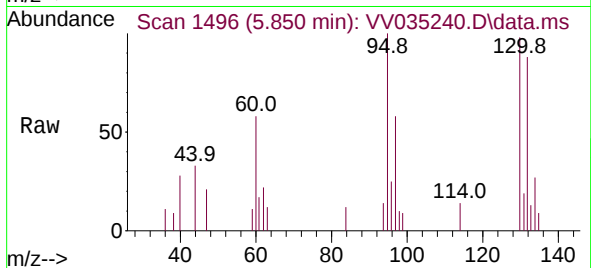
Tgt Ion: 96 Resp: 181928
Ion Ratio Lower Upper
96 100
61 132.1 92.8 172.4
98 62.4 45.5 84.5





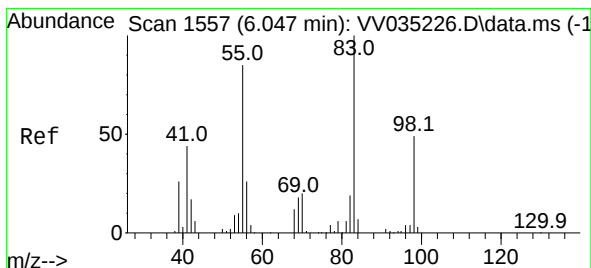
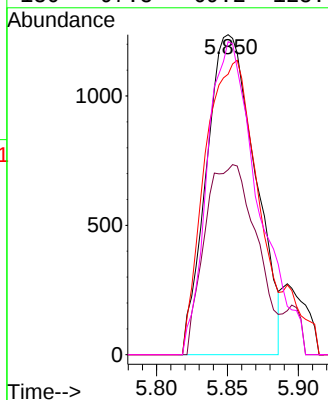
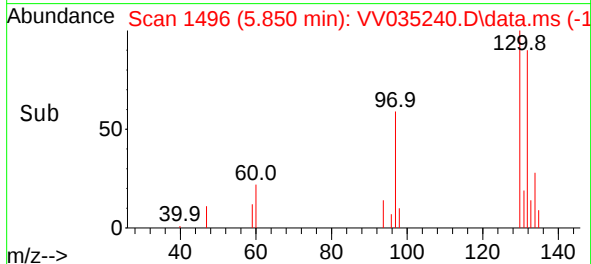
#34
Trichloroethene
Concen: 0.185 ug/L
RT: 5.850 min Scan# 1496
Delta R.T. 0.019 min
Lab File: VV035240.D
Acq: 16 Apr 2024 15:09

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 2963

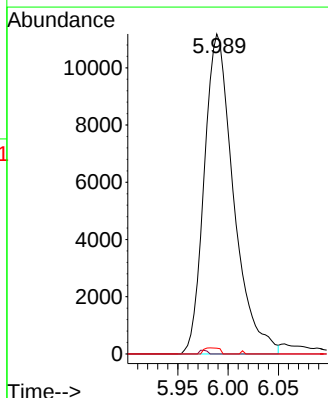
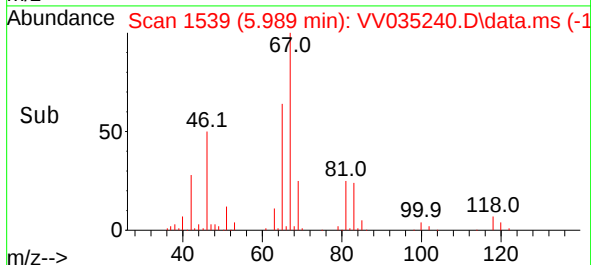
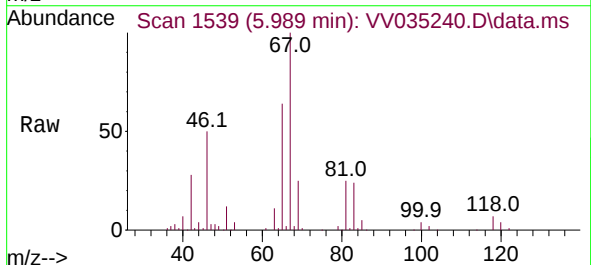
Ion	Ratio	Lower	Upper
95	100		
97	57.8	44.7	82.9
132	87.6	64.8	120.3
130	97.8	69.2	128.4

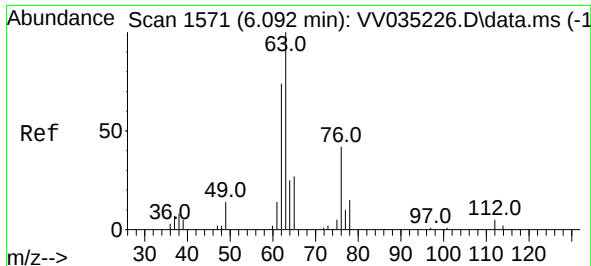


#35
Methylcyclohexane
Concen: 0.942 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV035240.D
Acq: 16 Apr 2024 15:09

Tgt Ion: 83 Resp: 22699

Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.8	95.6#
98	1.0	37.4	56.2#

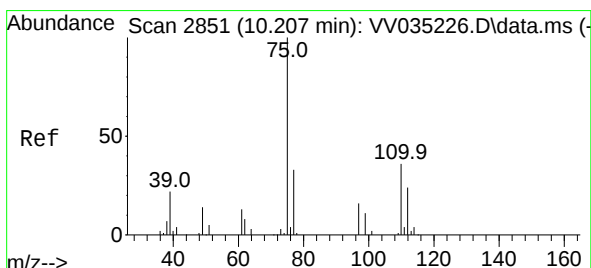
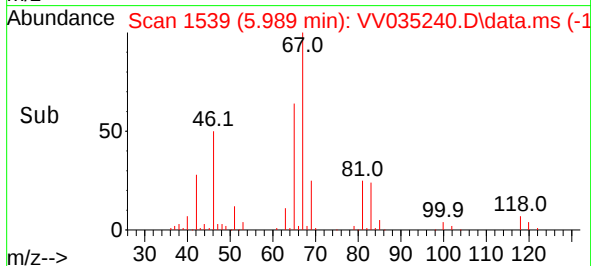
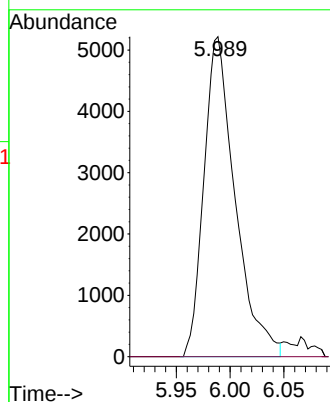
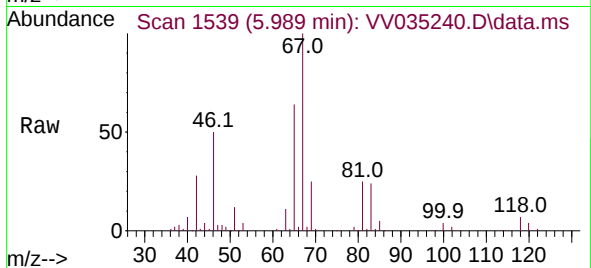




#37
1,2-Dichloropropane
Concen: 0.656 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV035240.D
Acq: 16 Apr 2024 15:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 10541
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 1.254 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.977 min
Lab File: VV035240.D
Acq: 16 Apr 2024 15:09

Tgt Ion: 75 Resp: 10290
Ion Ratio Lower Upper
75 100
77 33.8 25.3 37.9
110 1.7 29.6 44.4#

