

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028337.D
 Acq On : 04 Oct 2022 20:06
 Operator : SY/MD
 Sample : N4866-16DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 23:34:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

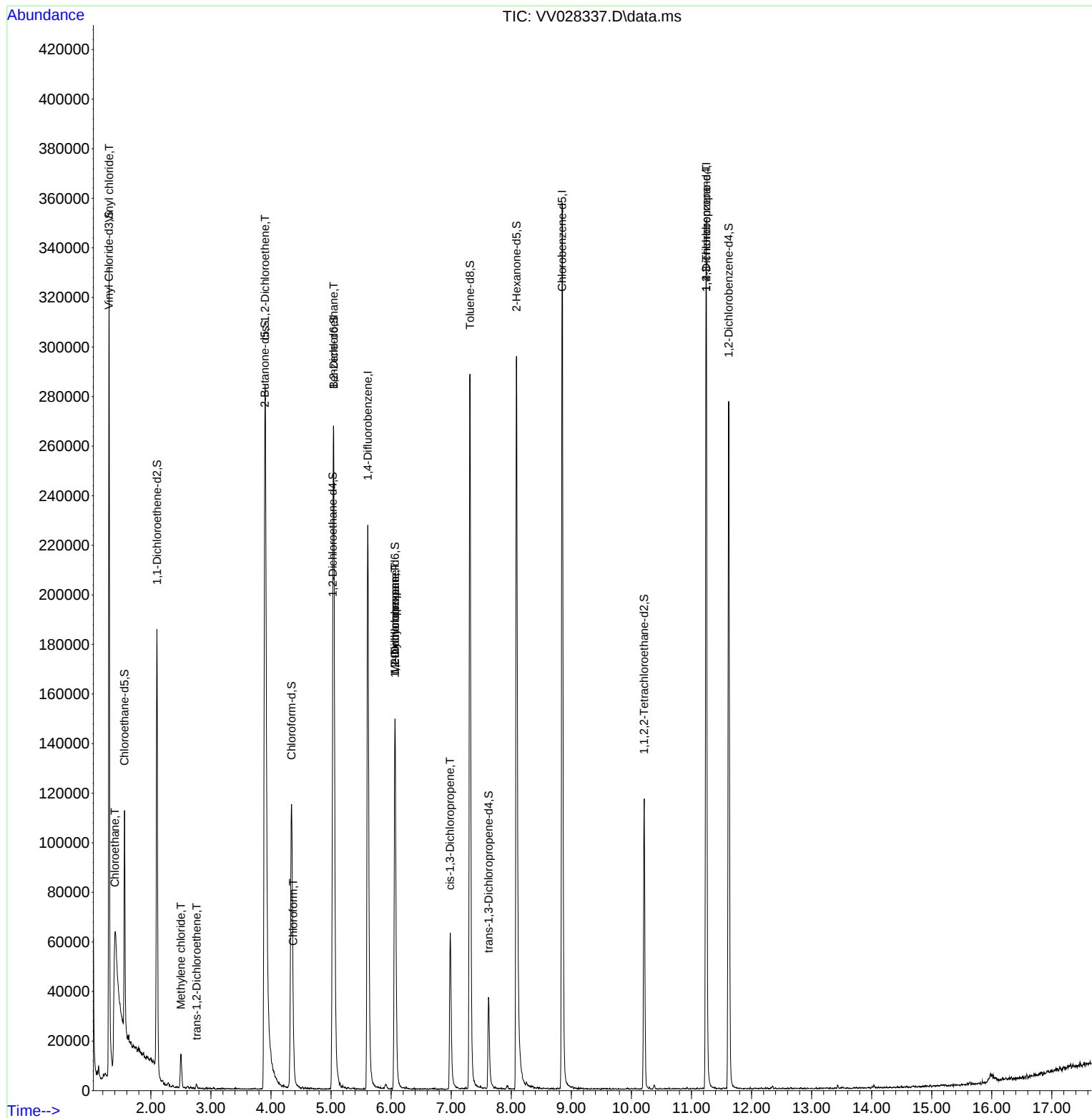
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	209442	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	213030	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	99431	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	59949	3.809	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.200%
7) Chloroethane-d5	1.561	69	56671	4.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.101	63	89219	3.008	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.200%
20) 2-Butanone-d5	3.896	46	139133	52.253	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.500%
24) Chloroform-d	4.343	84	125541	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.027	65	60512	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.043	84	252260	4.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.066	67	77055	4.596	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.313	98	205484	3.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.622	79	24111	3.776	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.088	63	115577	44.226	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.460%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56543	4.450	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	78145	4.567	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	156558	8.708	ug/L	99
8) Chloroethane	1.404	64	198319	16.552	ug/L #	51
16) Methylene chloride	2.500	84	6119	0.362	ug/L	86
18) trans-1,2-Dichloroethene	2.761	96	549	0.035	ug/L	85
22) cis-1,2-Dichloroethene	3.902	96	132728	8.423	ug/L	98
25) Chloroform	4.368	83	4414	0.151	ug/L	97
27) 1,2-Dichloroethane	5.043	62	1381	0.088	ug/L #	76
35) Methylcyclohexane	6.066	83	19216	0.741	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	8183	0.557	ug/L #	87
39) cis-1,3-Dichloropropene	6.982	75	1598	0.076	ug/L #	67
61) 1,2,3-Trichloropropane	11.246	75	9977	1.300	ug/L #	67

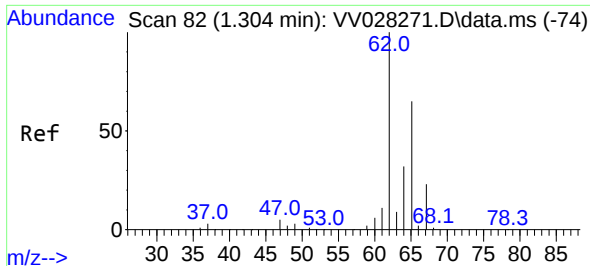
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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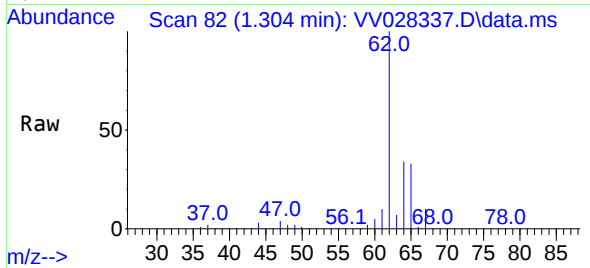
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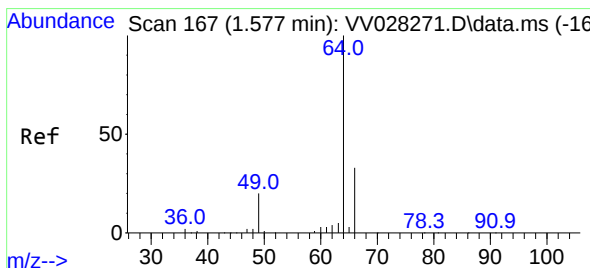
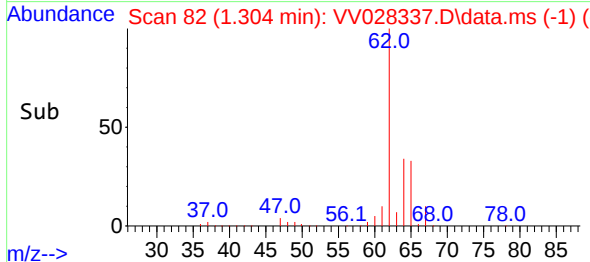
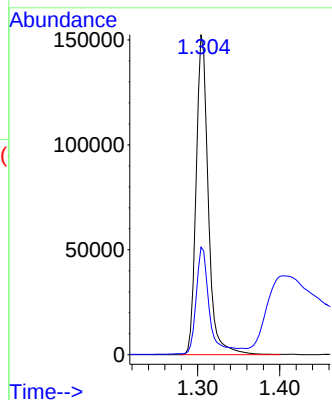


#5
 Vinyl chloride
 Concen: 8.708 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028337.D
 Acq: 04 Oct 2022 20:06

Instrument :
 MSVOA_V
 ClientSampleId :

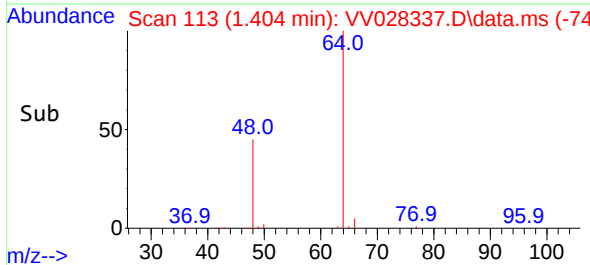
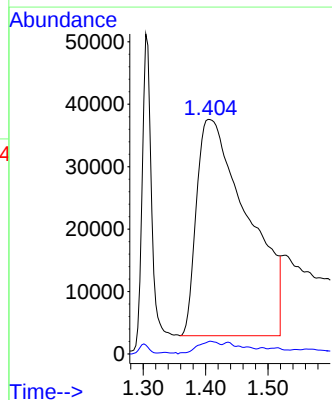
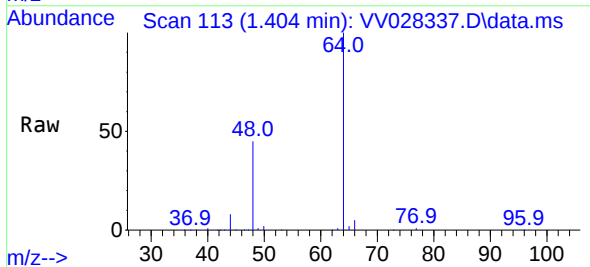


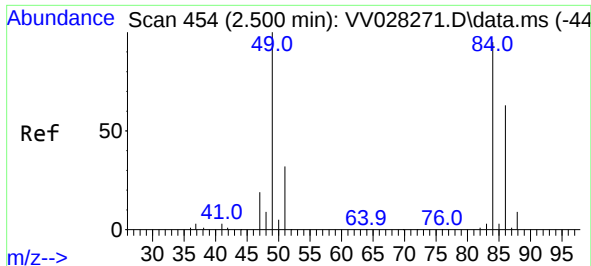
Tgt Ion: 62 Resp: 156558
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.0 42.8



#8
 Chloroethane
 Concen: 16.552 ug/L
 RT: 1.404 min Scan# 113
 Delta R.T. -0.173 min
 Lab File: VV028337.D
 Acq: 04 Oct 2022 20:06

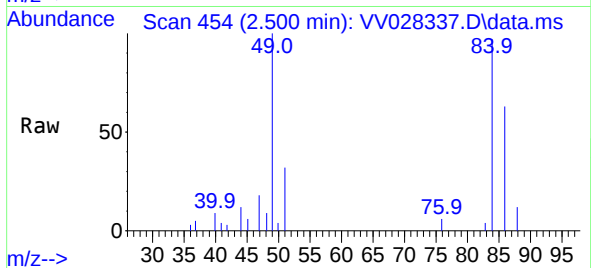
Tgt Ion: 64 Resp: 198319
 Ion Ratio Lower Upper
 64 100
 66 5.2 23.0 42.8#



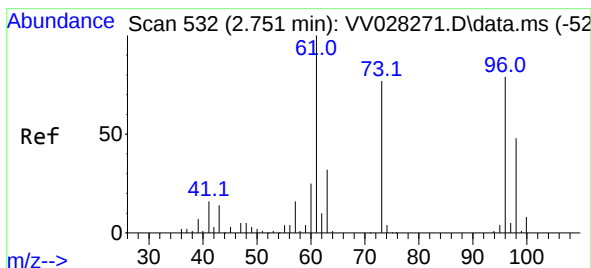
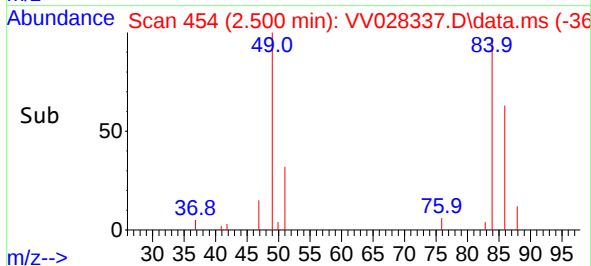
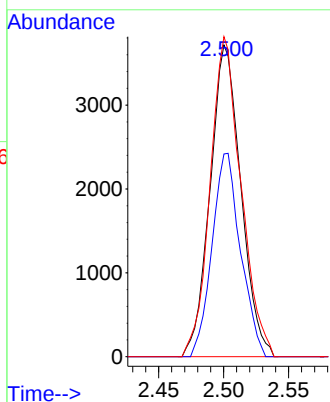


#16
Methylene chloride
Concen: 0.362 ug/L
RT: 2.500 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV028337.D
Acq: 04 Oct 2022 20:06

Instrument :
MSVOA_V
ClientSampleId :

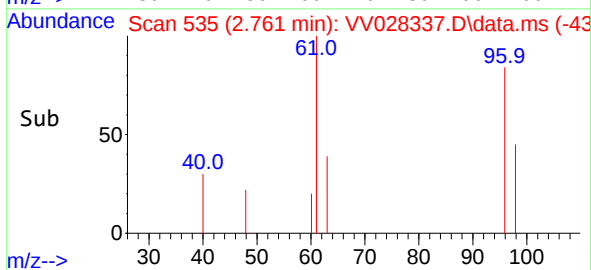
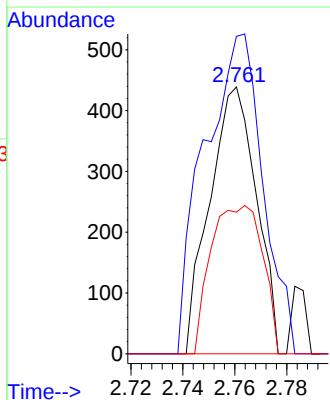
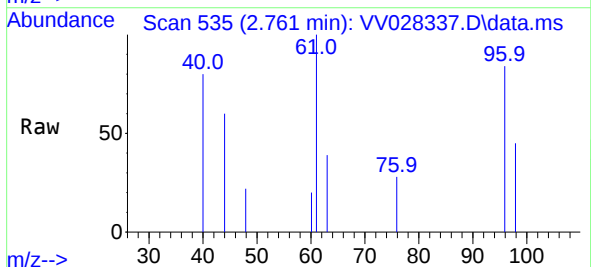


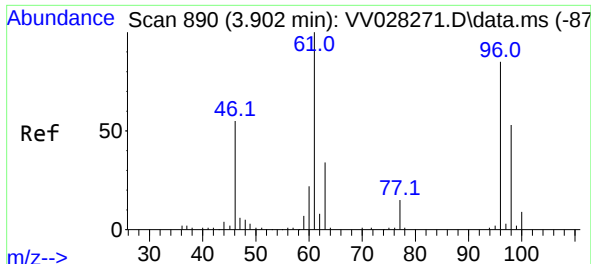
Tgt Ion: 84 Resp: 6119
Ion Ratio Lower Upper
84 100
86 65.1 46.8 86.8
49 102.7 87.5 162.5



#18
trans-1,2-Dichloroethene
Concen: 0.035 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV028337.D
Acq: 04 Oct 2022 20:06

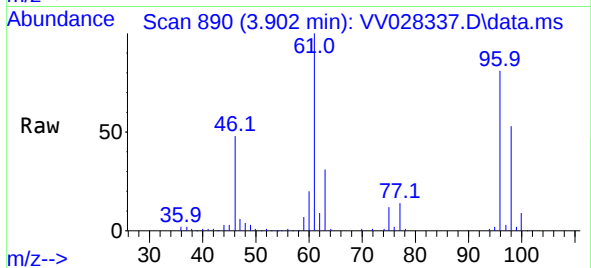
Tgt Ion: 96 Resp: 549
Ion Ratio Lower Upper
96 100
61 118.9 96.2 178.6
98 53.1 45.7 84.9



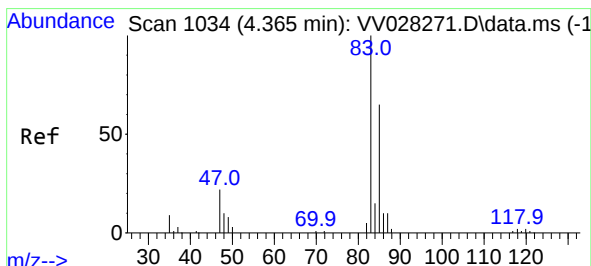
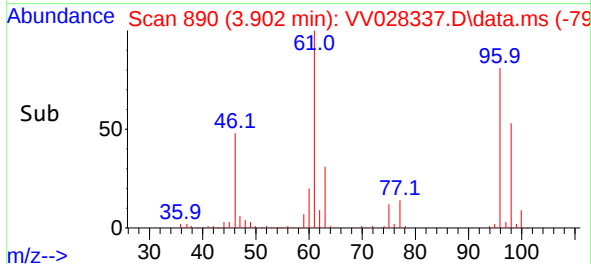
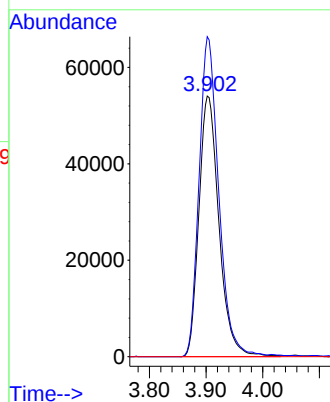


#22
cis-1,2-Dichloroethene
Concen: 8.423 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV028337.D
Acq: 04 Oct 2022 20:06

Instrument :
MSVOA_V
ClientSampleId :

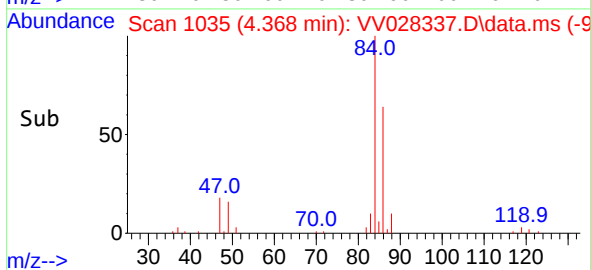
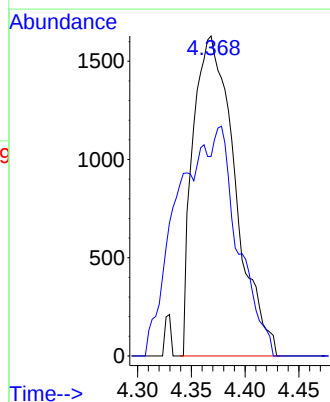
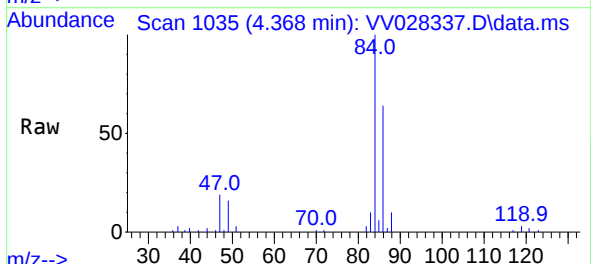


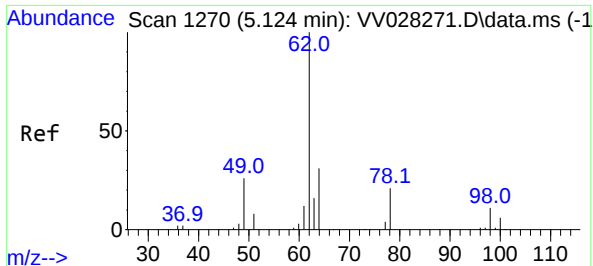
Tgt Ion: 96 Resp: 132728
Ion Ratio Lower Upper
96 100
61 122.7 87.2 161.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.151 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VV028337.D
Acq: 04 Oct 2022 20:06

Tgt Ion: 83 Resp: 4414
Ion Ratio Lower Upper
83 100
85 62.4 45.1 83.7

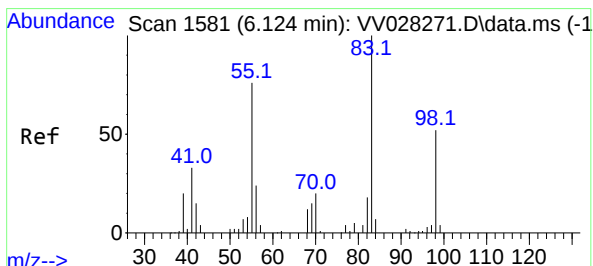
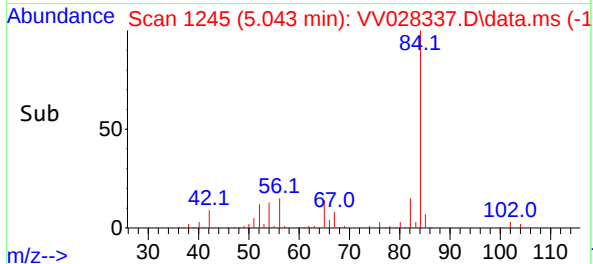
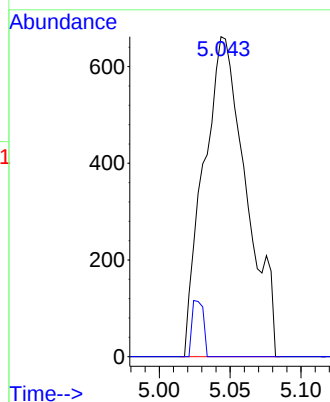
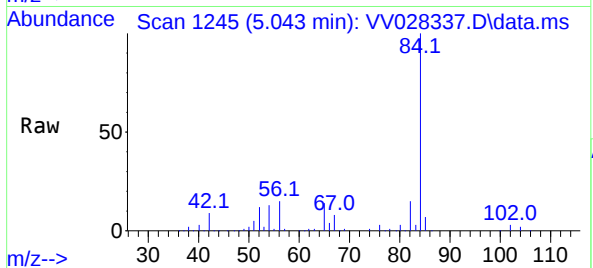




#27
1,2-Dichloroethane
Concen: 0.088 ug/L
RT: 5.043 min Scan# 11
Delta R.T. -0.083 min
Lab File: VV028337.D
Acq: 04 Oct 2022 20:06

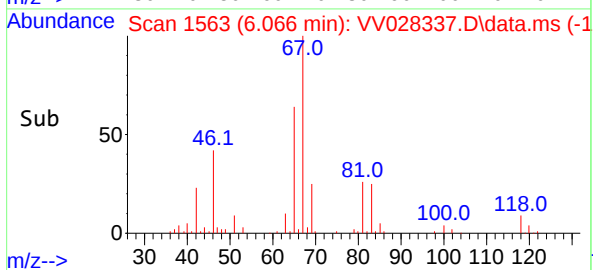
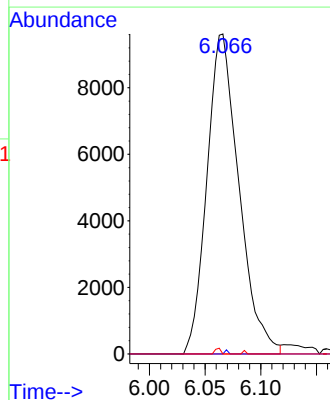
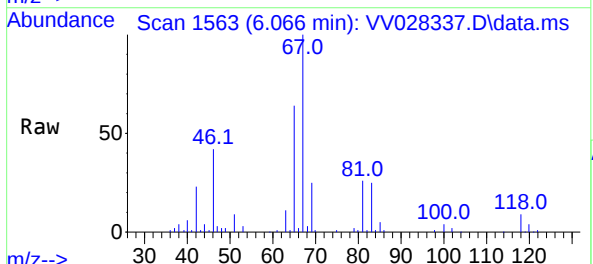
Instrument :
MSVOA_V
ClientSampleId :

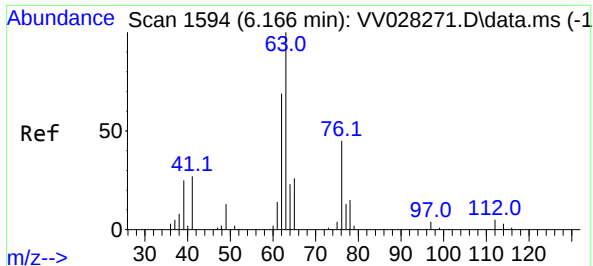
Tgt Ion: 62 Resp: 1381
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#



#35
Methylcyclohexane
Concen: 0.741 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028337.D
Acq: 04 Oct 2022 20:06

Tgt Ion: 83 Resp: 19216
Ion Ratio Lower Upper
83 100
55 0.1 64.7 97.1#
98 0.3 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.557 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV028337.D

Acq: 04 Oct 2022 20:06

Instrument :

MSVOA_V

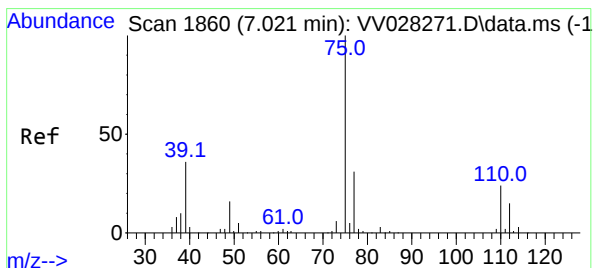
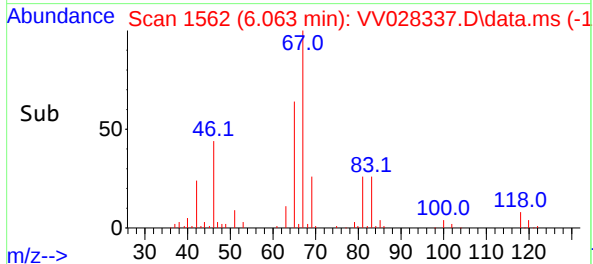
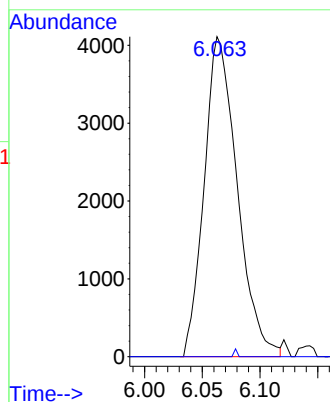
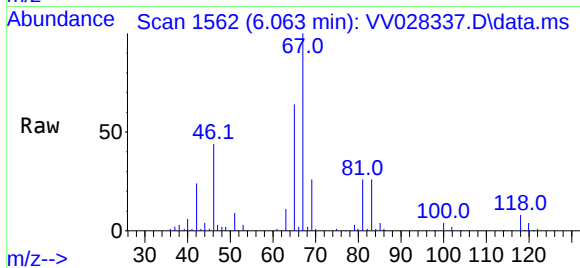
ClientSampleId :

Tgt Ion: 63 Resp: 8183

Ion Ratio Lower Upper

63 100

112 0.2 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.042 min

Lab File: VV028337.D

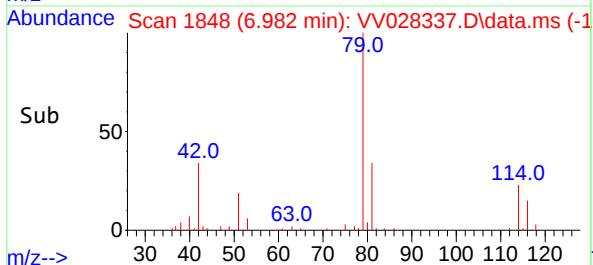
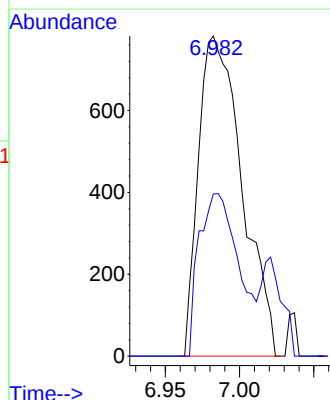
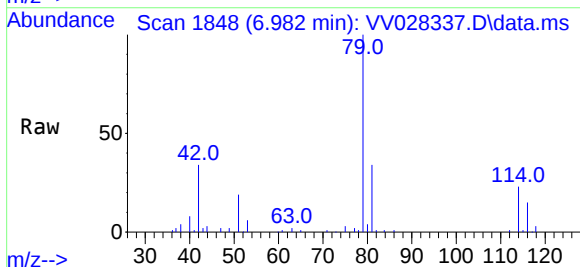
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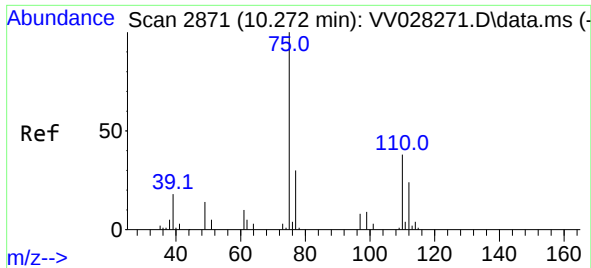
Tgt Ion: 75 Resp: 1598

Ion Ratio Lower Upper

75 100

77 50.6 22.4 41.6#





#61

1,2,3-Trichloropropane

Concen: 1.300 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.975 min

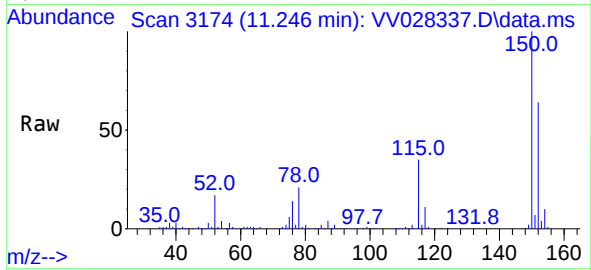
Lab File: VV028337.D

Acq: 04 Oct 2022 20:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 9977

Ion Ratio Lower Upper

75 100

77 34.4 26.7 40.1

110 0.8 30.1 45.1#

