

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
 Data File : VV028299.D
 Acq On : 03 Oct 2022 23:39
 Operator : SY/MD
 Sample : N4866-05DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 06:17:27 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

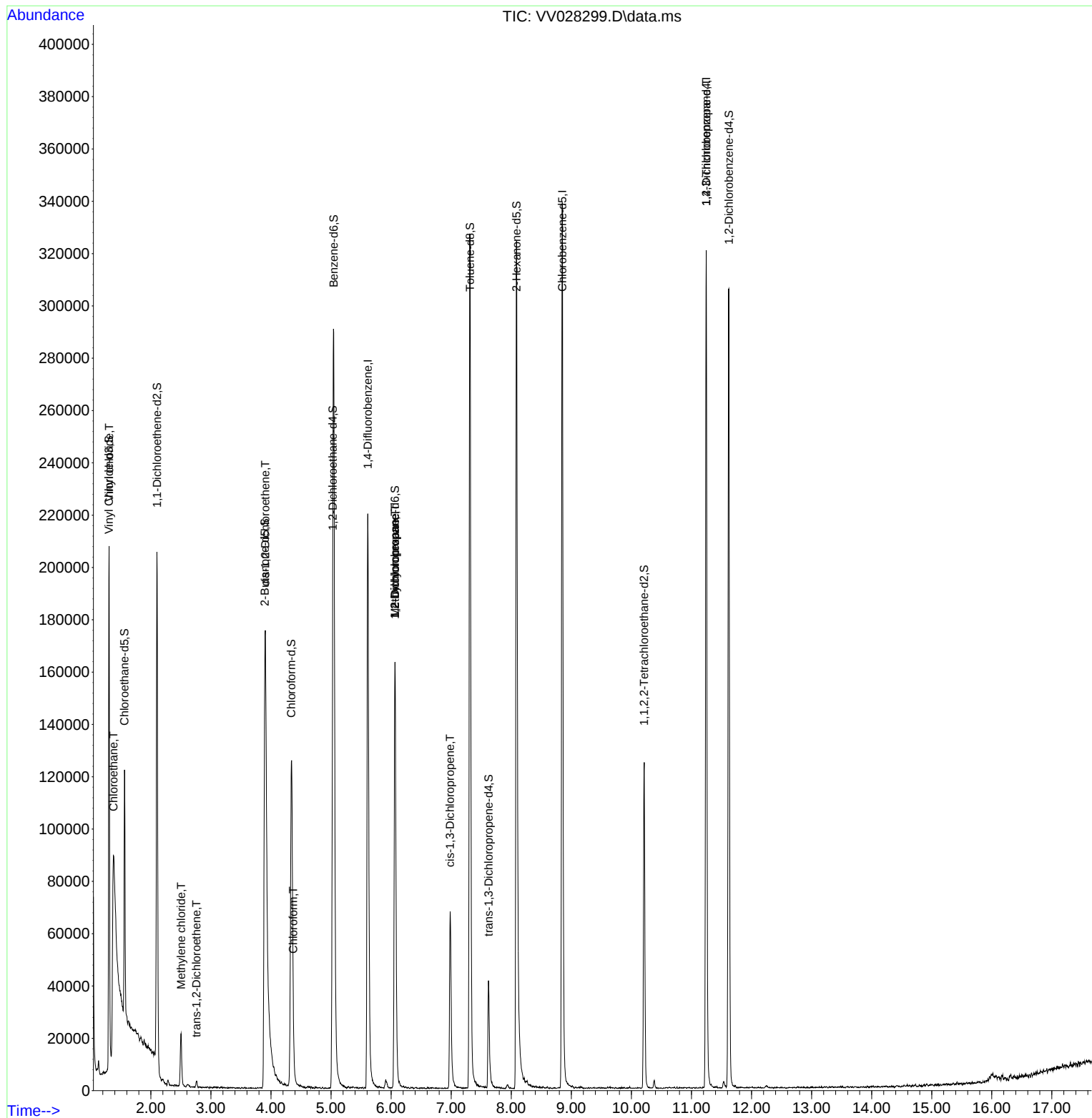
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	201380	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	204939	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	92861	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	69319	4.581	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.600%	
7) Chloroethane-d5	1.561	69	59572	4.651	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.000%	
11) 1,1-Dichloroethene-d2	2.101	63	99650	3.494	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.800%	
20) 2-Butanone-d5	3.899	46	155058	60.566	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.140%	
24) Chloroform-d	4.339	84	137852	5.029	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
26) 1,2-Dichloroethane-d4	5.027	65	65386	5.145	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
32) Benzene-d6	5.043	84	278323	4.951	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.066	67	86156	5.342	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.800%	
41) Toluene-d8	7.313	98	232510	4.497	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
43) trans-1,3-Dichloroprop...	7.622	79	26078	4.246	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.000%	
46) 2-Hexanone-d5	8.088	63	126862	50.461	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.920%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	60668	4.963	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	85138	5.327	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.600%	
Target Compounds						
5) Vinyl chloride	1.304	62	65415	3.784	ug/L	94
8) Chloroethane	1.378	64	269787	23.418	ug/L #	50
16) Methylene chloride	2.503	84	8616	0.530	ug/L	94
18) trans-1,2-Dichloroethene	2.757	96	829	0.055	ug/L	91
22) cis-1,2-Dichloroethene	3.905	96	59018	3.895	ug/L	95
25) Chloroform	4.371	83	3378	0.120	ug/L	97
35) Methylcyclohexane	6.066	83	21292	0.854	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	9146	0.647	ug/L #	87
39) cis-1,3-Dichloropropene	6.982	75	1728	0.086	ug/L #	73
61) 1,2,3-Trichloropropane	11.246	75	9090	1.269	ug/L #	68

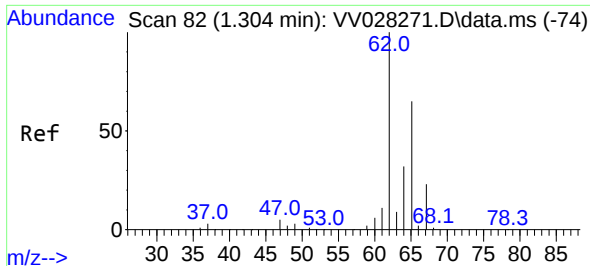
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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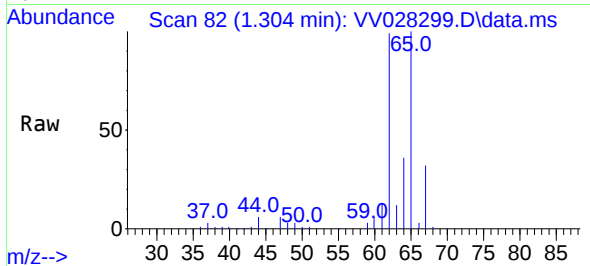
Quant Time: Oct 04 06:17:27 2022
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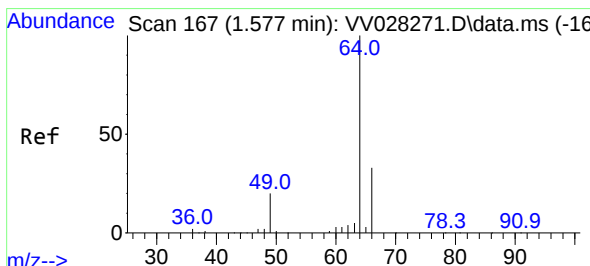
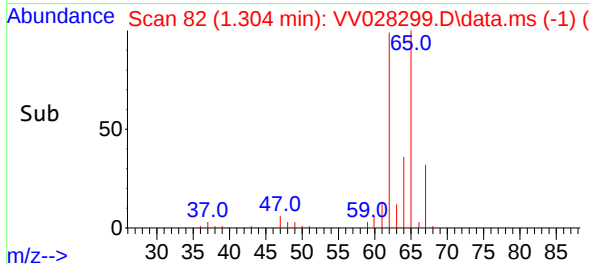
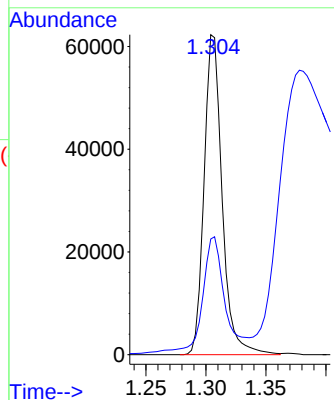


#5
 Vinyl chloride
 Concen: 3.784 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028299.D
 Acq: 03 Oct 2022 23:39

Instrument :
 MSVOA_V
 ClientSampleId :

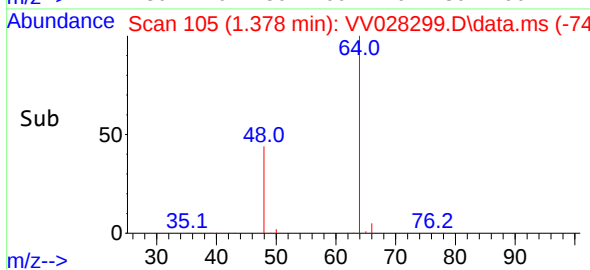
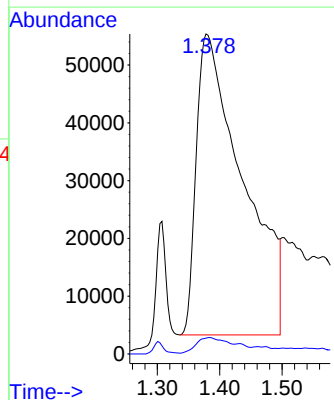
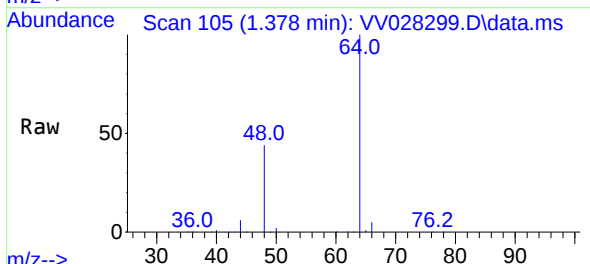


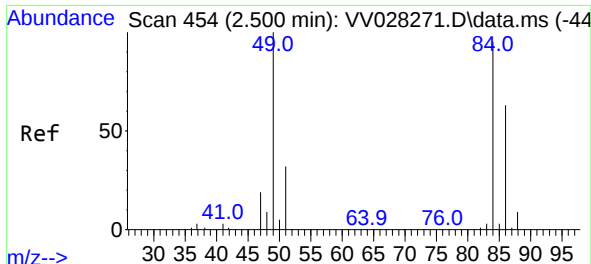
Tgt Ion: 62 Resp: 65415
 Ion Ratio Lower Upper
 62 100
 64 36.2 23.0 42.8



#8
 Chloroethane
 Concen: 23.418 ug/L
 RT: 1.378 min Scan# 105
 Delta R.T. -0.199 min
 Lab File: VV028299.D
 Acq: 03 Oct 2022 23:39

Tgt Ion: 64 Resp: 269787
 Ion Ratio Lower Upper
 64 100
 66 4.9 23.0 42.8#

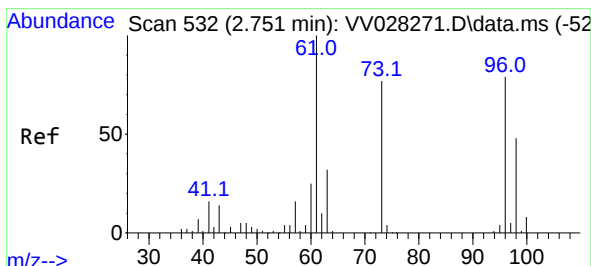
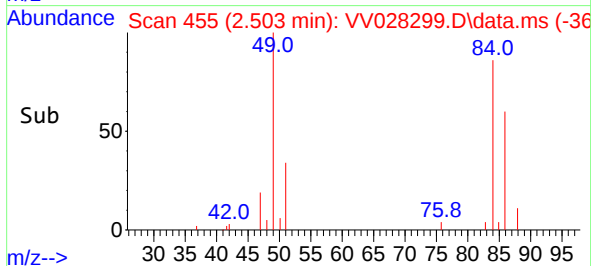
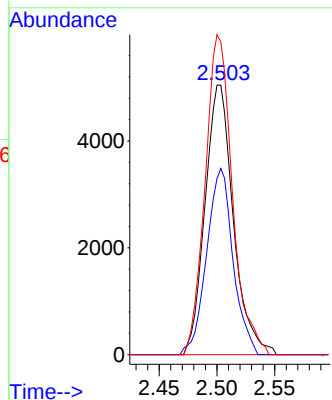
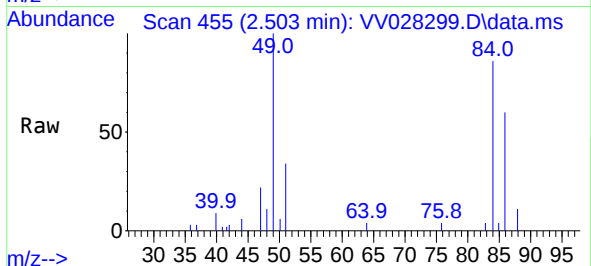




#16
Methylene chloride
Concen: 0.530 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028299.D
Acq: 03 Oct 2022 23:39

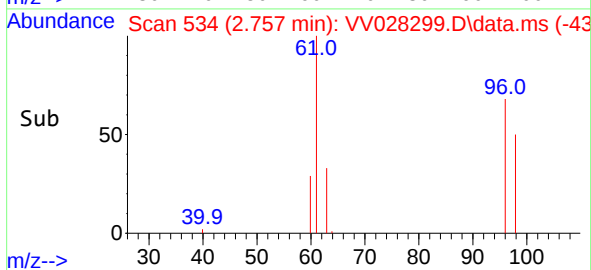
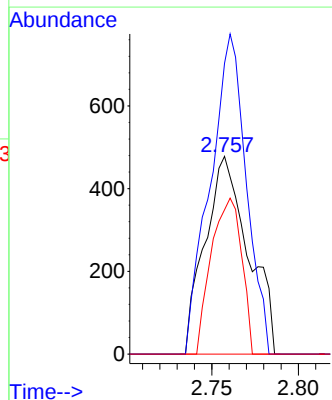
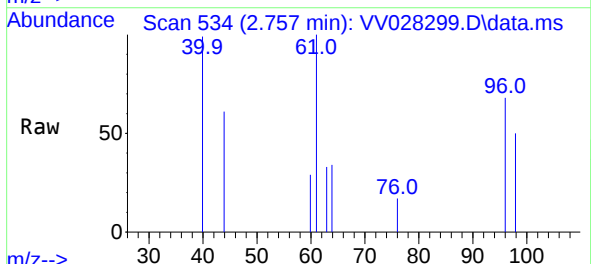
Instrument :
MSVOA_V
ClientSampleId :

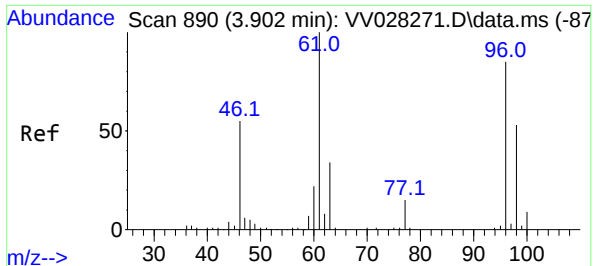
Tgt Ion: 84 Resp: 8616
Ion Ratio Lower Upper
84 100
86 69.1 46.8 86.8
49 116.0 87.5 162.5



#18
trans-1,2-Dichloroethene
Concen: 0.055 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.007 min
Lab File: VV028299.D
Acq: 03 Oct 2022 23:39

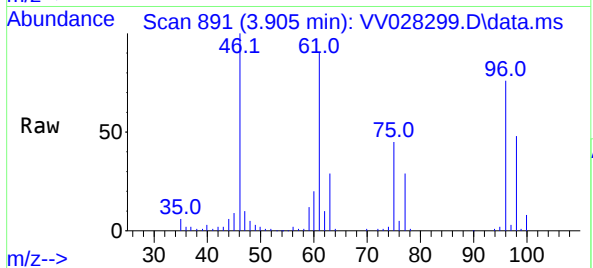
Tgt Ion: 96 Resp: 829
Ion Ratio Lower Upper
96 100
61 147.1 96.2 178.6
98 73.0 45.7 84.9



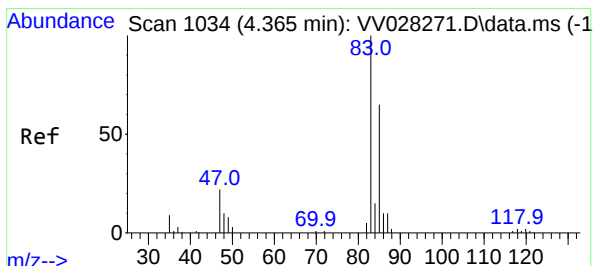
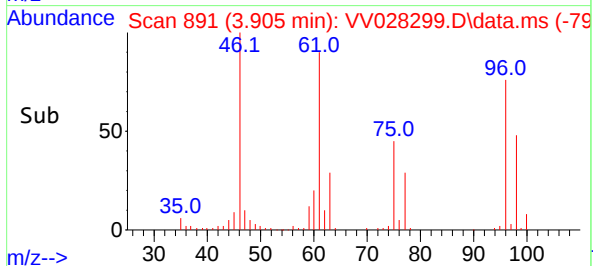
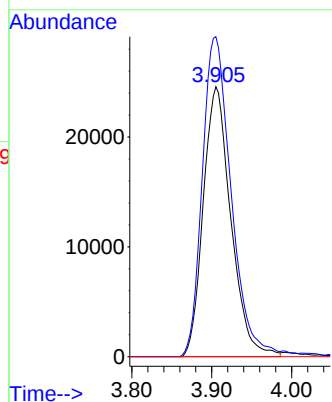


#22
cis-1,2-Dichloroethene
Concen: 3.895 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV028299.D
Acq: 03 Oct 2022 23:39

Instrument :
MSVOA_V
ClientSampleId :

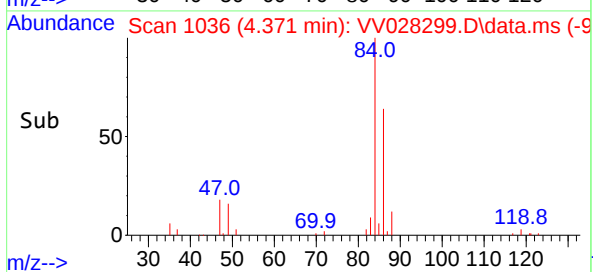
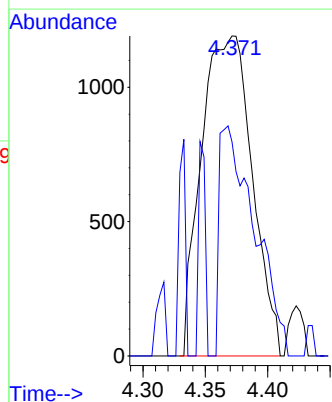
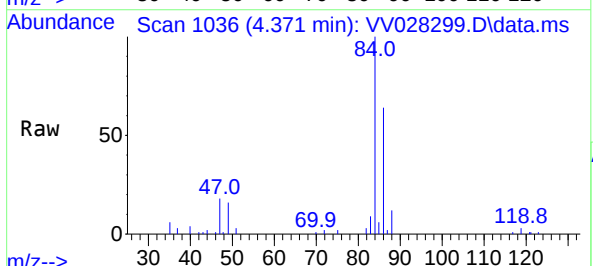


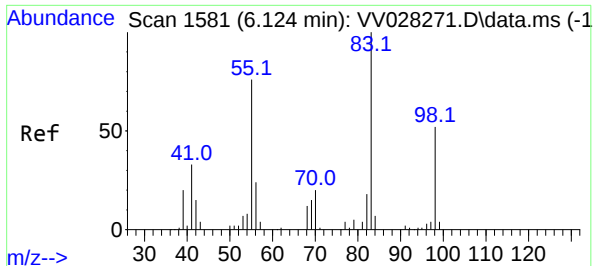
Tgt Ion: 96 Resp: 59018
Ion Ratio Lower Upper
96 100
61 118.6 87.2 161.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.120 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV028299.D
Acq: 03 Oct 2022 23:39

Tgt Ion: 83 Resp: 3378
Ion Ratio Lower Upper
83 100
85 66.8 45.1 83.7





#35

Methylcyclohexane

Concen: 0.854 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV028299.D

Acq: 03 Oct 2022 23:39

Instrument :

MSVOA_V

ClientSampleId :

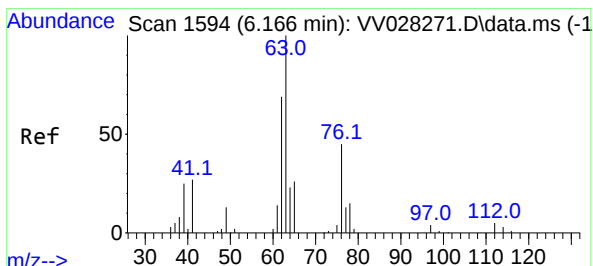
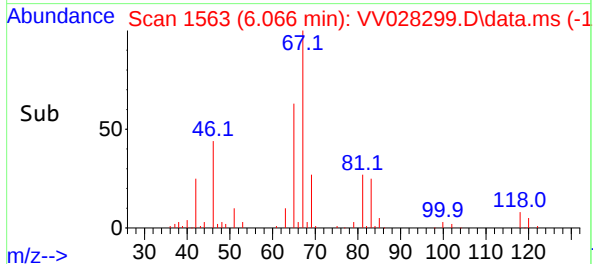
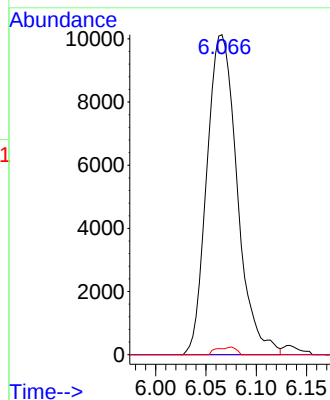
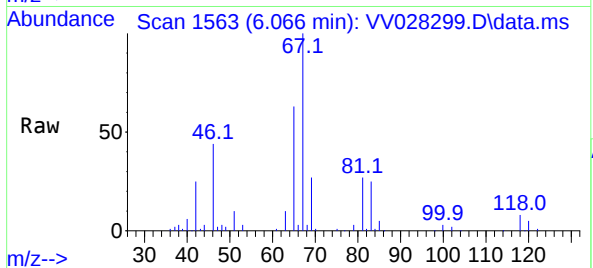
Tgt Ion: 83 Resp: 21292

Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 1.5 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.647 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.106 min

Lab File: VV028299.D

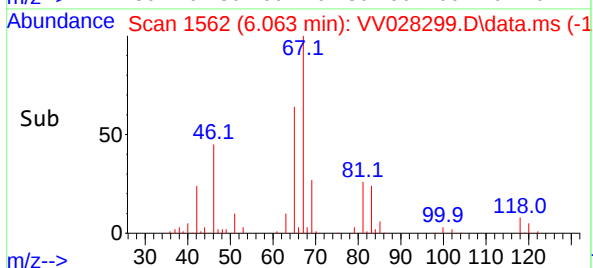
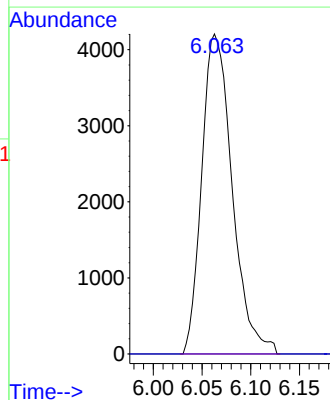
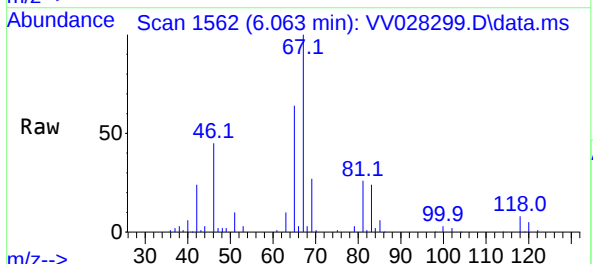
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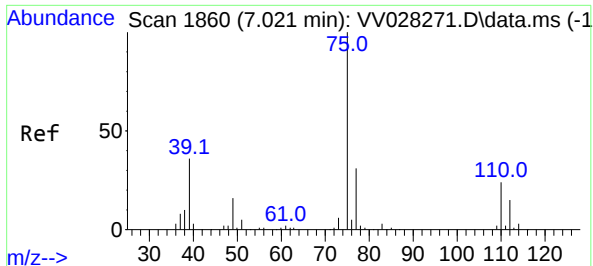
Tgt Ion: 63 Resp: 9146

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV028299.D

Acq: 03 Oct 2022 23:39

Instrument :

MSVOA_V

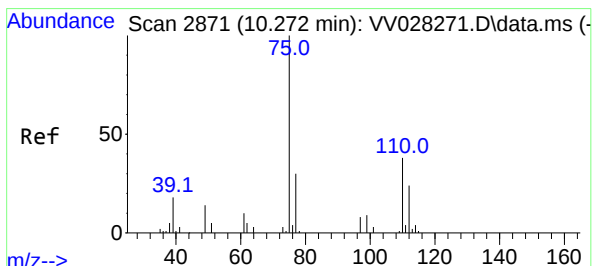
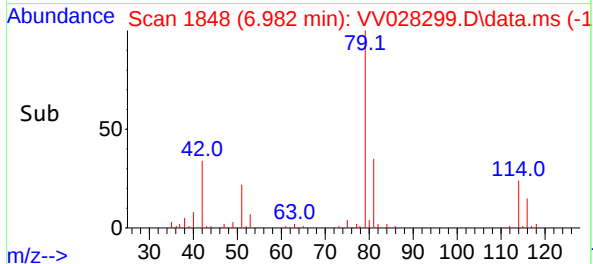
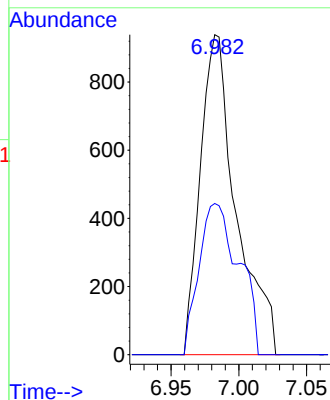
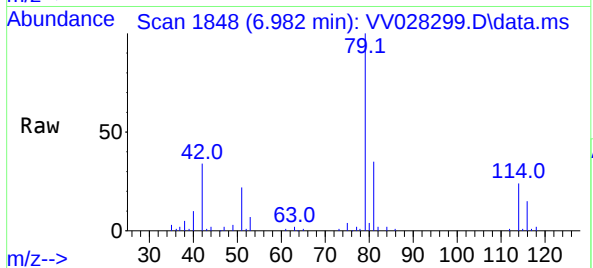
ClientSampleId :

Tgt Ion: 75 Resp: 1728

Ion Ratio Lower Upper

75 100

77 47.3 22.4 41.6#



#61

1,2,3-Trichloropropane

Concen: 1.269 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.975 min

Lab File: VV028299.D

Acq: 03 Oct 2022 23:39

Tgt Ion: 75 Resp: 9090

Ion Ratio Lower Upper

75 100

77 32.4 26.7 40.1

110 2.3 30.1 45.1#

