

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028329.D
 Acq On : 04 Oct 2022 15:05
 Operator : SY/MD
 Sample : N4730-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 23:24:51 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)

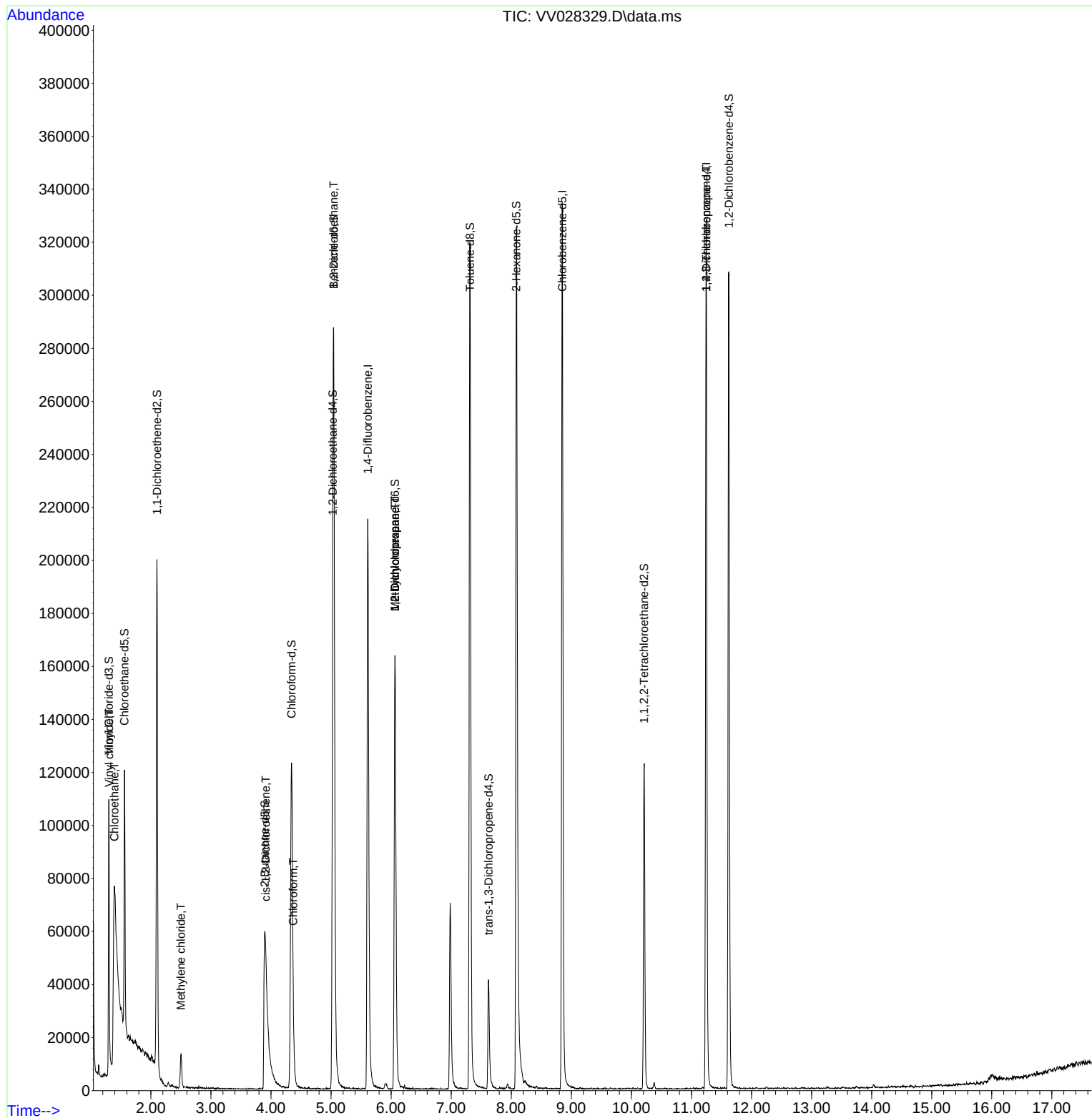
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	196782	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	201311	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	93621	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	65700	4.443	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.561	69	61890	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.101	63	98030	3.518	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	3.895	46	143713	57.446	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.900%
24) Chloroform-d	4.342	84	133262	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.027	65	65118	5.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.043	84	274409	4.969	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.063	67	85614	5.404	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.000%
41) Toluene-d8	7.313	98	230608	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.622	79	27252	4.517	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.085	63	125932	50.993	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.980%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	60851	5.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	85182	5.287	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
5) Vinyl chloride	1.304	62	1119	0.066	ug/L #	1
8) Chloroethane	1.394	64	222724	19.785	ug/L #	50
16) Methylene chloride	2.500	84	5306	0.334	ug/L	94
22) cis-1,2-Dichloroethene	3.912	96	775	0.052	ug/L	91
25) Chloroform	4.368	83	8096	0.295	ug/L	95
27) 1,2-Dichloroethane	5.043	62	1462	0.099	ug/L #	76
35) Methylcyclohexane	6.063	83	21365	0.872	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	9078	0.654	ug/L #	88
61) 1,2,3-Trichloropropane	11.246	75	9056	1.254	ug/L #	69

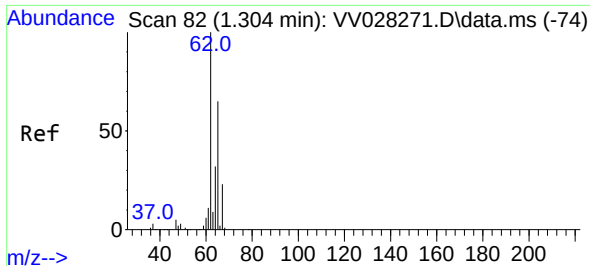
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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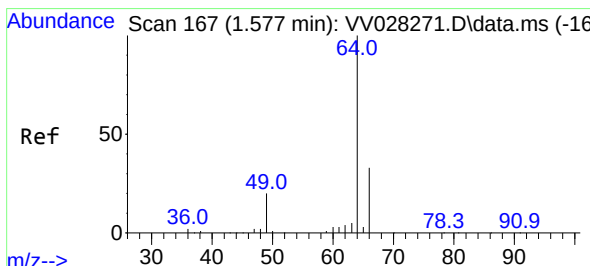
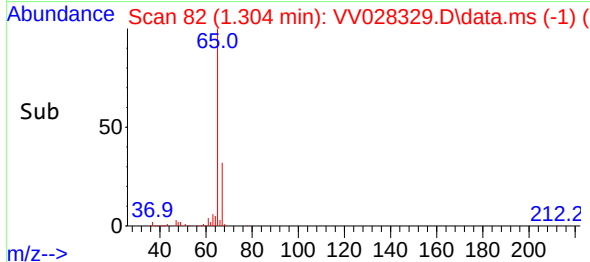
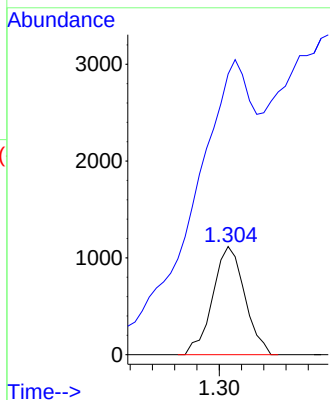
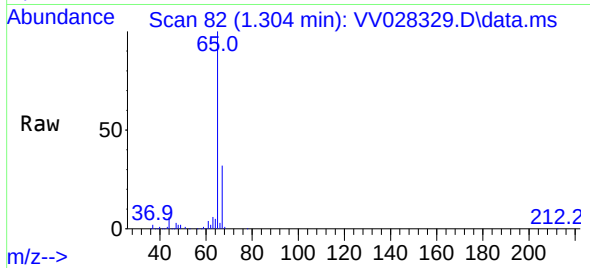




#5
 Vinyl chloride
 Concen: 0.066 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028329.D
 Acq: 04 Oct 2022 15:05

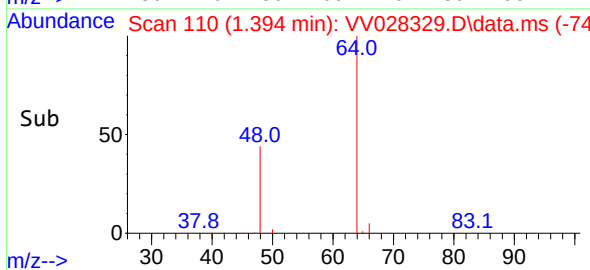
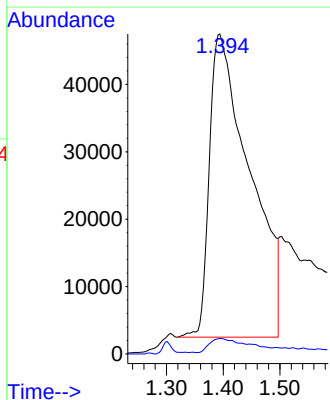
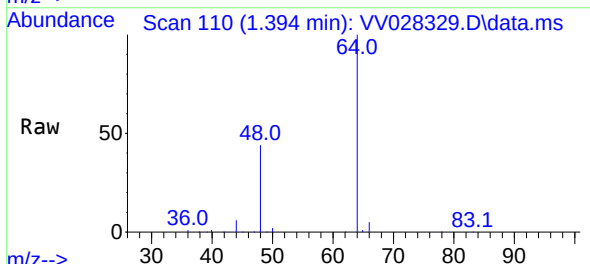
Instrument :
 MSVOA_V
 ClientSampleId :

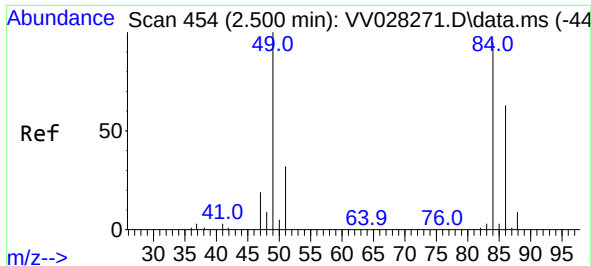
Tgt Ion: 62 Resp: 1119
 Ion Ratio Lower Upper
 62 100
 64 259.4 23.0 42.8#



#8
 Chloroethane
 Concen: 19.785 ug/L
 RT: 1.394 min Scan# 110
 Delta R.T. -0.183 min
 Lab File: VV028329.D
 Acq: 04 Oct 2022 15:05

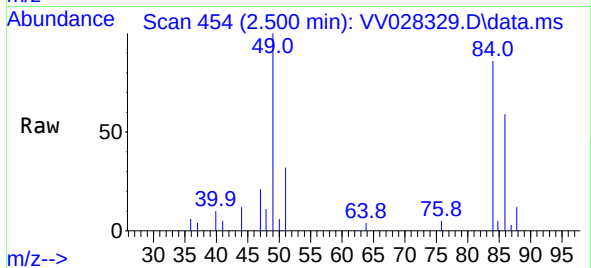
Tgt Ion: 64 Resp: 222724
 Ion Ratio Lower Upper
 64 100
 66 4.9 23.0 42.8#



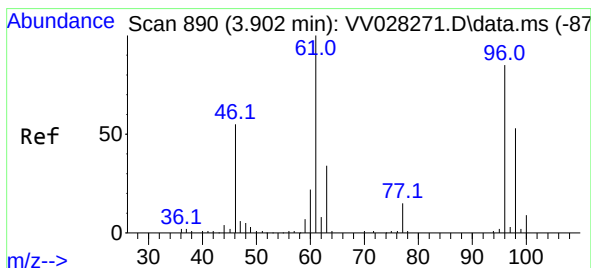
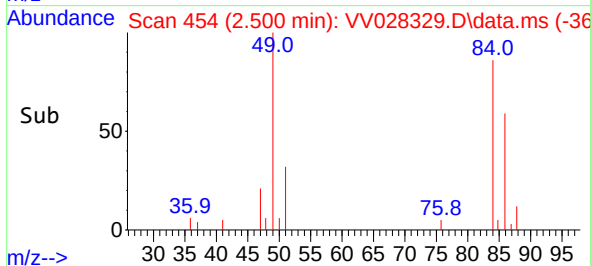
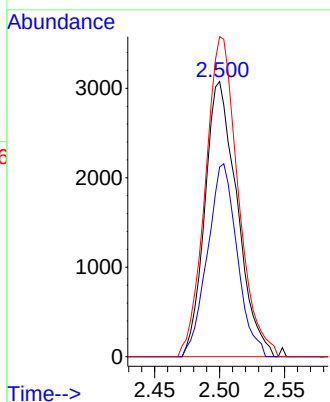


#16
Methylene chloride
Concen: 0.334 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028329.D
Acq: 04 Oct 2022 15:05

Instrument :
MSVOA_V
ClientSampleId :

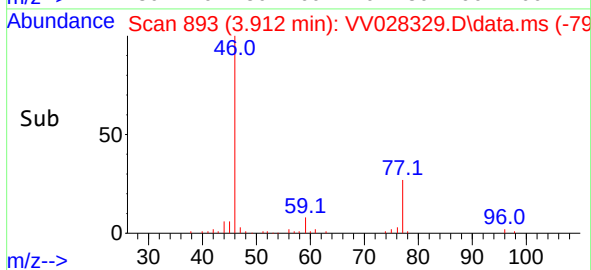
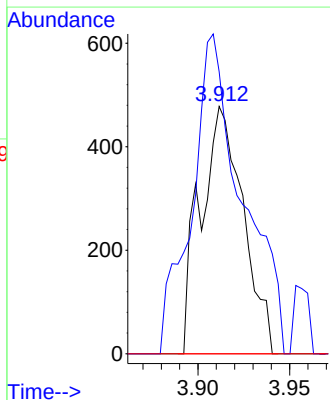
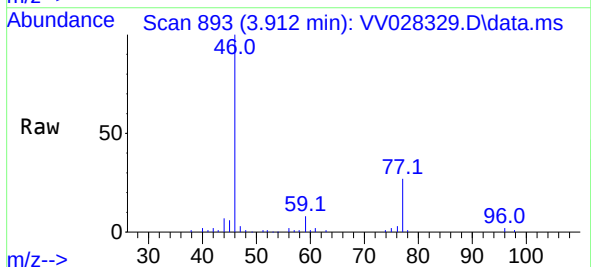


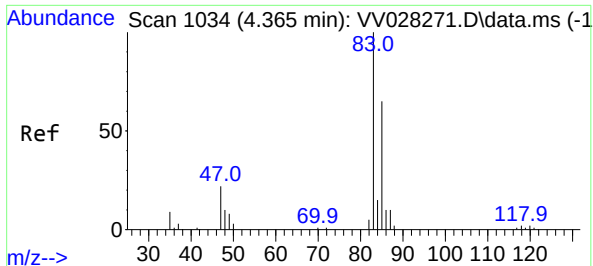
Tgt Ion: 84 Resp: 5306
Ion Ratio Lower Upper
84 100
86 68.9 46.8 86.8
49 116.2 87.5 162.5



#22
cis-1,2-Dichloroethene
Concen: 0.052 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.007 min
Lab File: VV028329.D
Acq: 04 Oct 2022 15:05

Tgt Ion: 96 Resp: 775
Ion Ratio Lower Upper
96 100
61 114.0 87.2 161.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.295 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VV028329.D

Acq: 04 Oct 2022 15:05

Instrument :

MSVOA_V

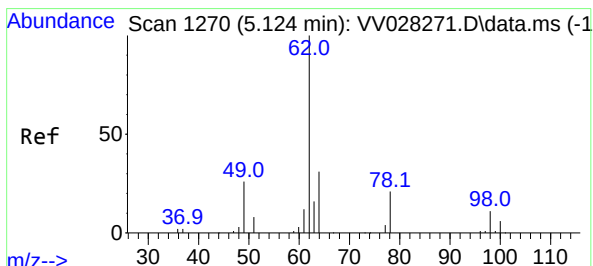
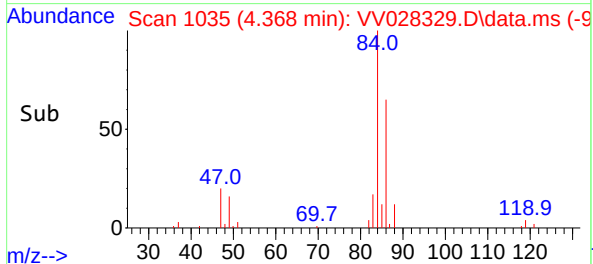
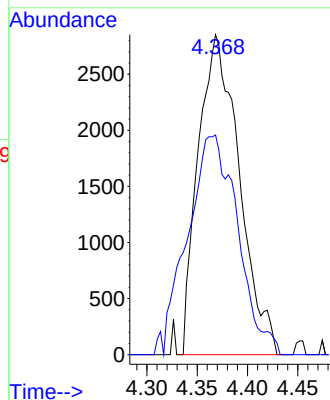
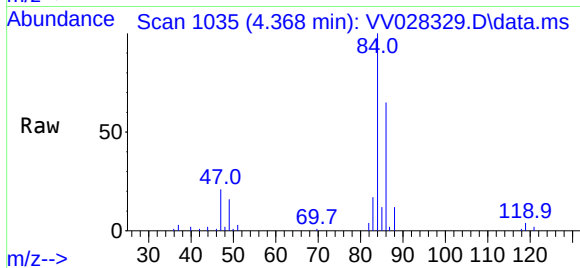
ClientSampleId :

Tgt Ion: 83 Resp: 8096

Ion Ratio Lower Upper

83 100

85 68.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 0.099 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.084 min

Lab File: VV028329.D

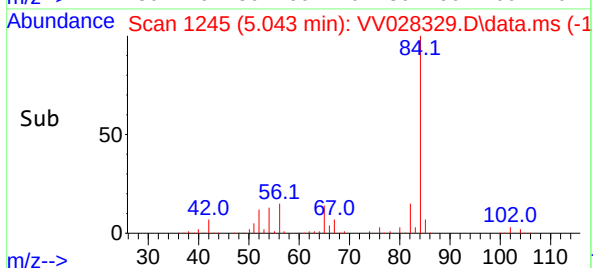
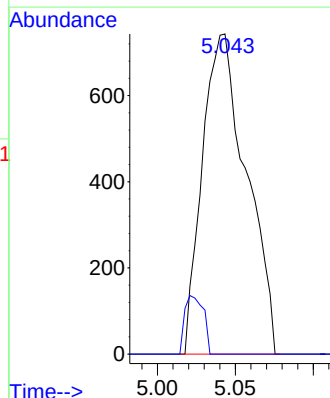
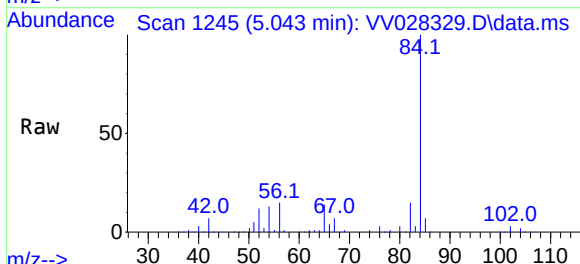
Acq: 04 Oct 2022 15:05

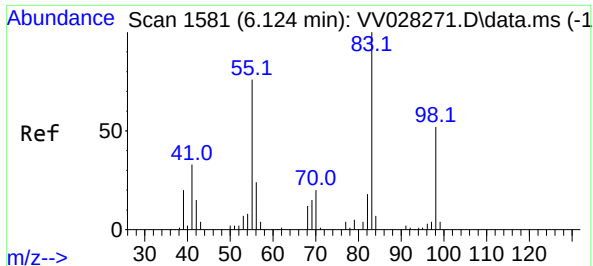
Tgt Ion: 62 Resp: 1462

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#





#35

Methylcyclohexane

Concen: 0.872 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

Lab File: VV028329.D

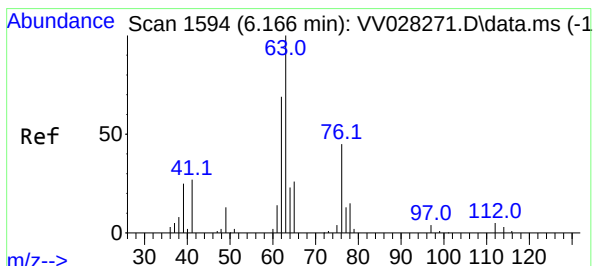
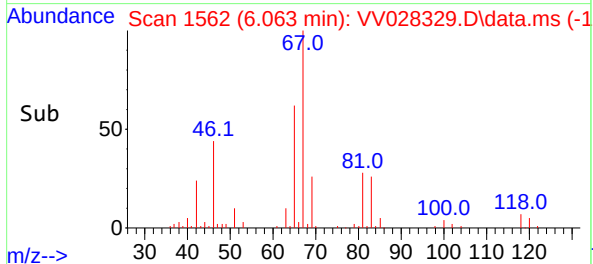
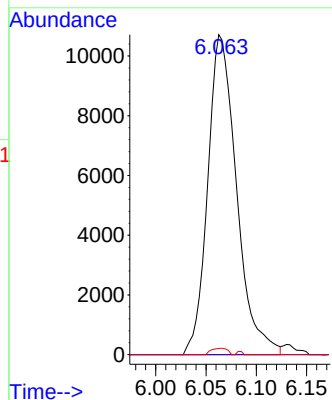
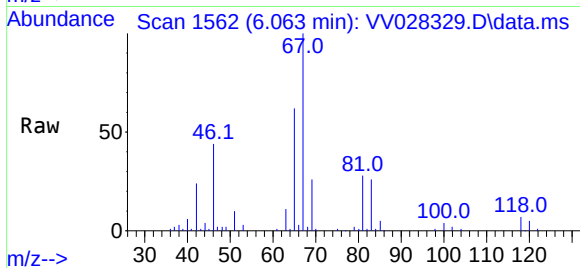
Acq: 04 Oct 2022 15:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 21365
Ion Ratio	Lower Upper
83 100	
55 0.0	64.7 97.1#
98 1.1	39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.654 ug/L

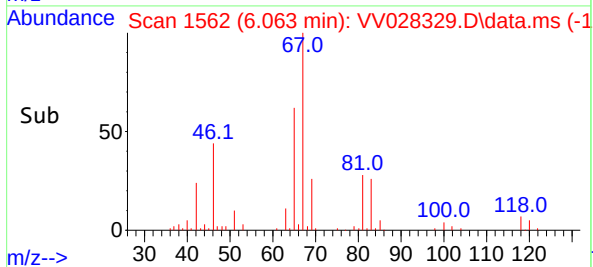
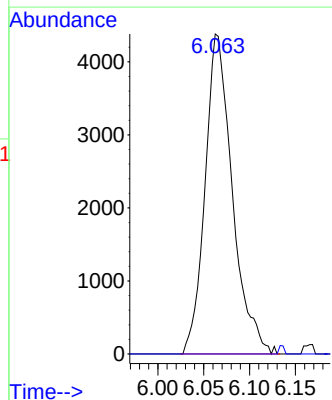
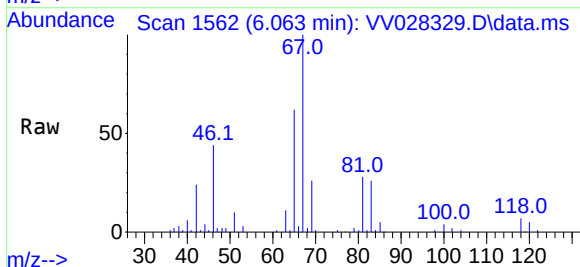
RT: 6.063 min Scan# 1562

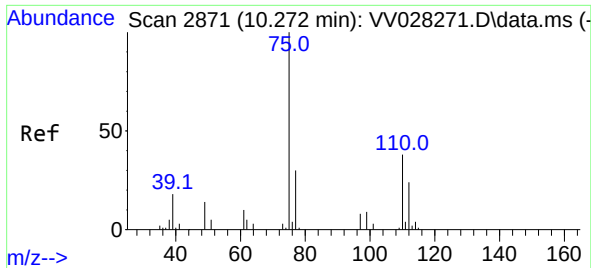
Delta R.T. -0.106 min

Lab File: VV028329.D

Acq: 04 Oct 2022 15:05

Tgt Ion: 63	Resp: 9078
Ion Ratio	Lower Upper
63 100	
112 0.5	3.5 5.3#





#61
1,2,3-Trichloropropane
Concen: 1.254 ug/L
RT: 11.246 min Scan# 31
Delta R.T. 0.975 min
Lab File: VV028329.D
Acq: 04 Oct 2022 15:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 9056
Ion Ratio Lower Upper
75 100
77 34.4 26.7 40.1
110 3.6 30.1 45.1#

