

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029043.D
 Acq On : 17 Nov 2022 02:14
 Operator : SY/MD
 Sample : N5604-19DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46D0DL

Quant Time: Nov 17 05:36:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 04:20:13 2022
 Response via : Initial Calibration

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

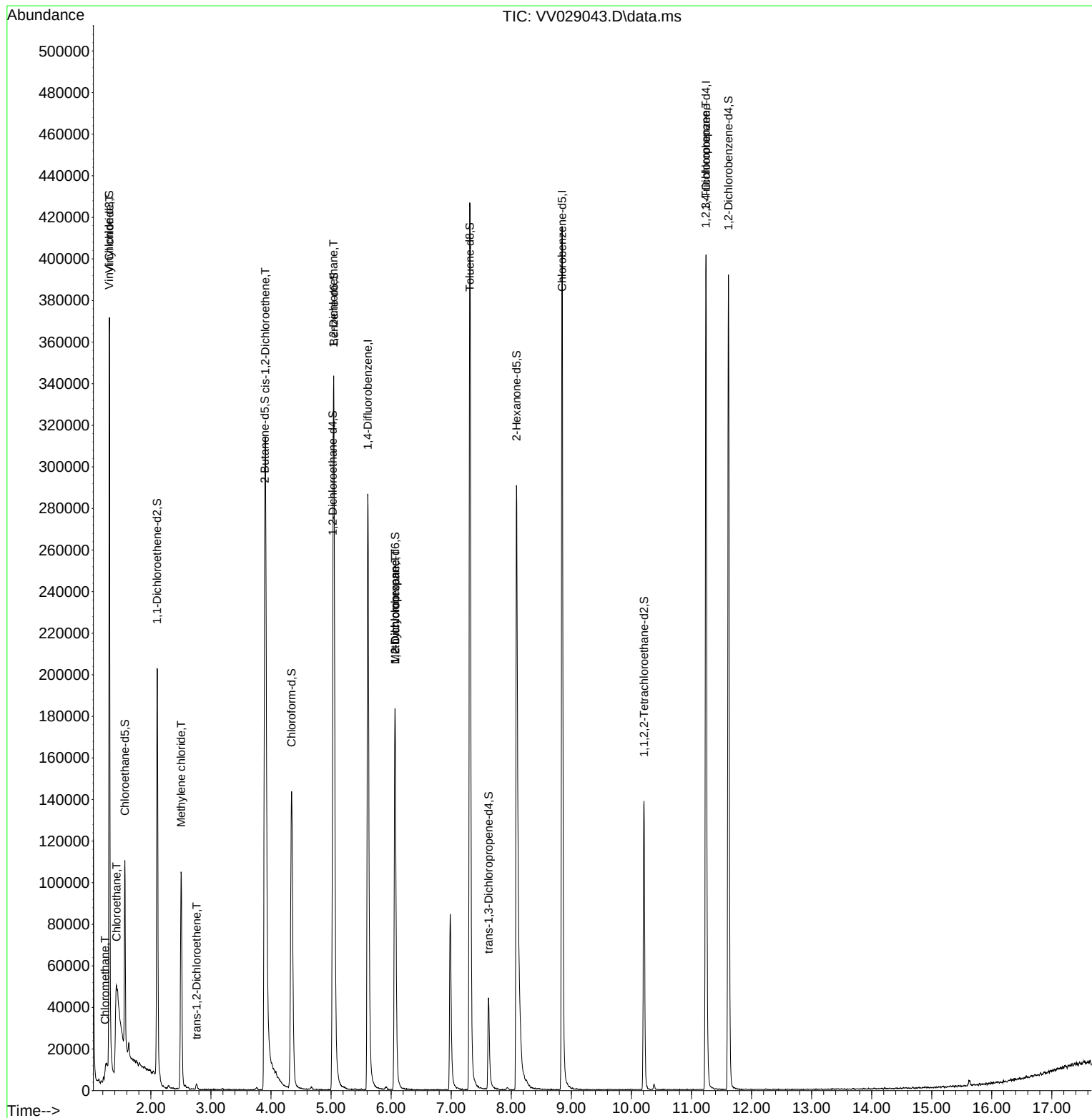
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	276912	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	253506	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	117050	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	75309	4.461	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.568	69	59546	4.012	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.105	63	97741	3.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.600%
20) 2-Butanone-d5	3.896	46	127270	45.036	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.080%
24) Chloroform-d	4.343	84	159238	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.031	65	74280	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.047	84	341334	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.066	67	95551	4.522	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.310	98	309604	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	7.622	79	31578	4.582	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.088	63	131168	44.591	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.180%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	69538	4.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.616	152	115034	5.493	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	794	0.041	ug/L	97
5) Vinyl chloride	1.311	62	182523	8.352	ug/L	94
8) Chloroethane	1.429	64	185038	14.410	ug/L #	52
16) Methylene chloride	2.503	84	48567	2.241	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	683	0.035	ug/L	79
22) cis-1,2-Dichloroethene	3.905	96	157725	7.980	ug/L	96
27) 1,2-Dichloroethane	5.040	62	1625	0.095	ug/L #	70
35) Methylcyclohexane	6.066	83	24402	0.700	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10635	0.595	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	11987	1.499	ug/L #	64

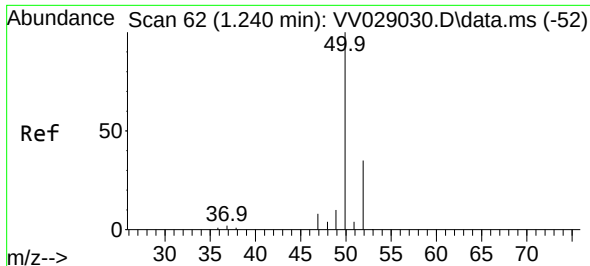
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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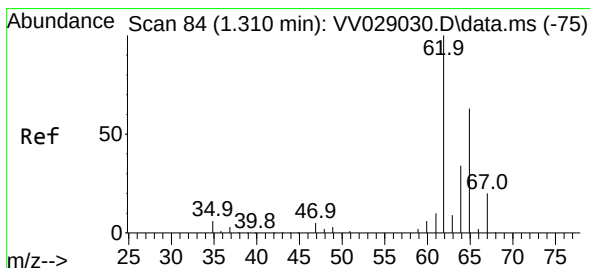
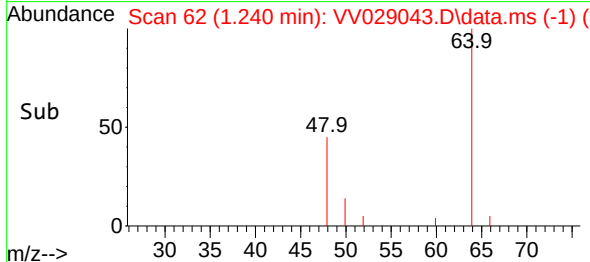
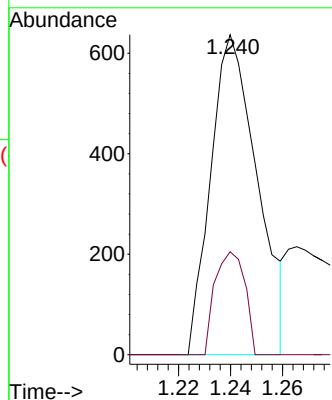
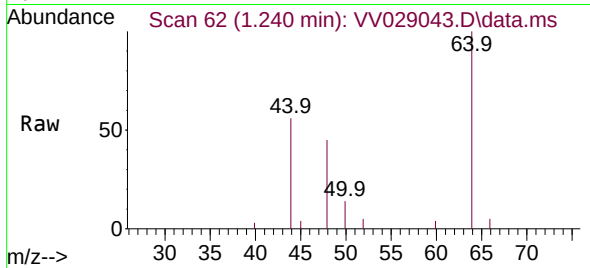




#3
Chloromethane
Concen: 0.041 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029043.D
Acq: 17 Nov 2022 02:14

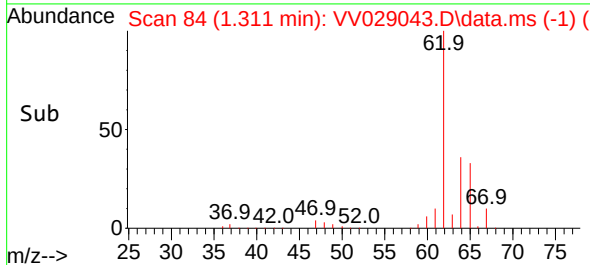
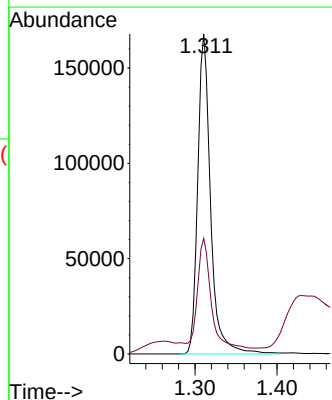
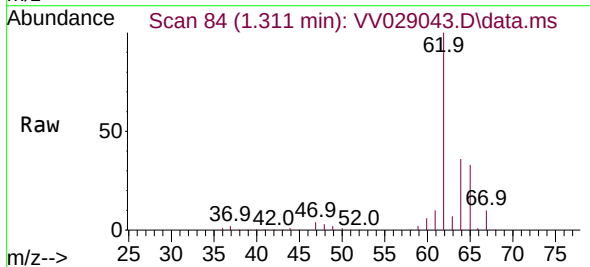
Instrument :
MSVOA_V
ClientSampleId :
H46D0DL

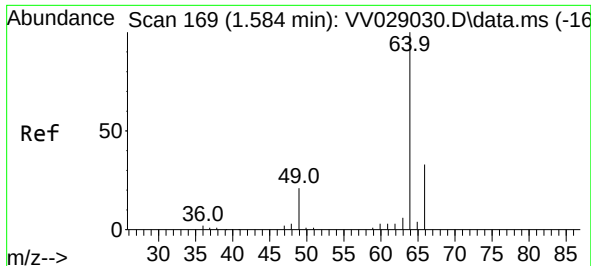
Tgt Ion: 50 Resp: 794
Ion Ratio Lower Upper
50 100
52 32.2 23.7 43.9



#5
Vinyl chloride
Concen: 8.352 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029043.D
Acq: 17 Nov 2022 02:14

Tgt Ion: 62 Resp: 182523
Ion Ratio Lower Upper
62 100
64 36.1 22.8 42.4





#8

Chloroethane

Concen: 14.410 ug/L

RT: 1.429 min Scan# 11

Delta R.T. -0.154 min

Lab File: VV029043.D

Acq: 17 Nov 2022 02:14

Instrument :

MSVOA_V

ClientSampleId :

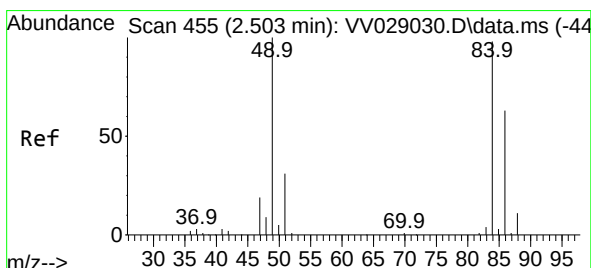
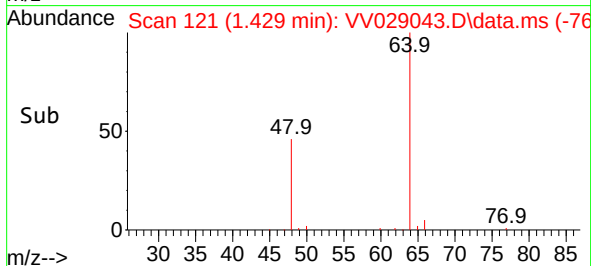
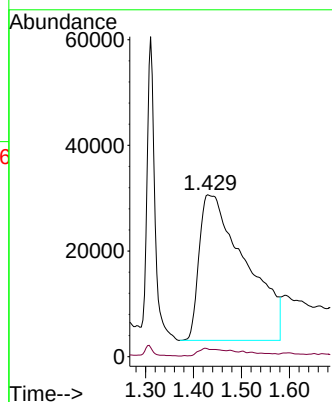
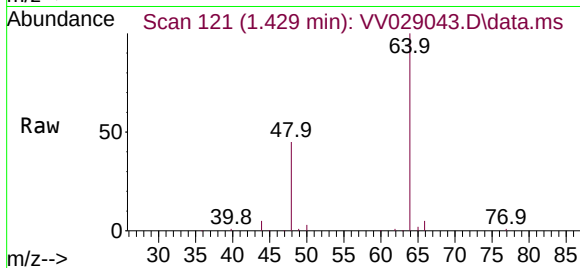
H46D0DL

Tgt Ion: 64 Resp: 185038

Ion Ratio Lower Upper

64 100

66 4.8 22.0 40.8#



#16

Methylene chloride

Concen: 2.241 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.000 min

Lab File: VV029043.D

Acq: 17 Nov 2022 02:14

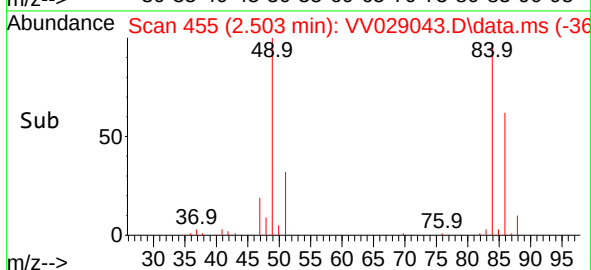
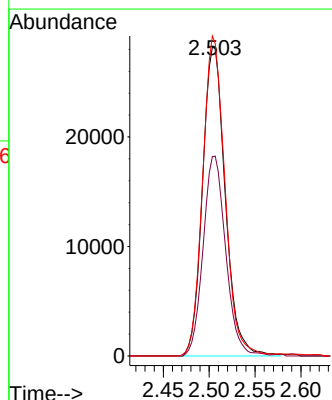
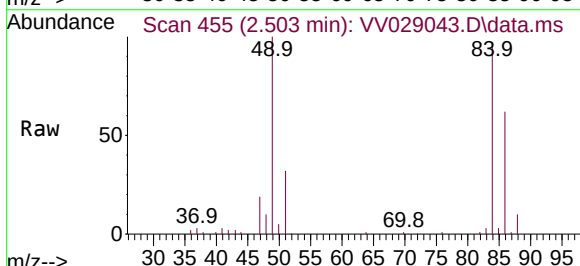
Tgt Ion: 84 Resp: 48567

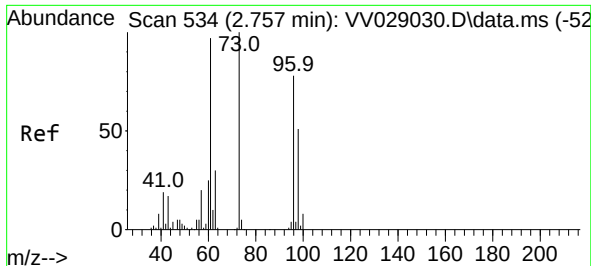
Ion Ratio Lower Upper

84 100

86 64.5 45.8 85.0

49 103.6 75.5 140.1

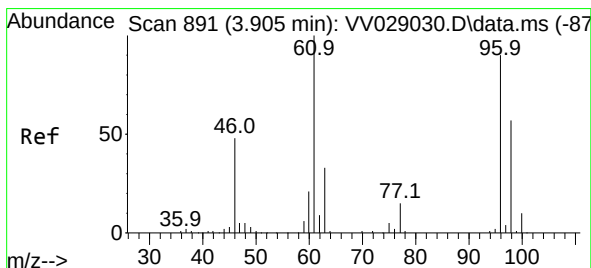
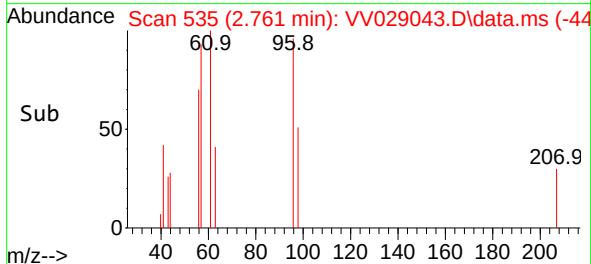
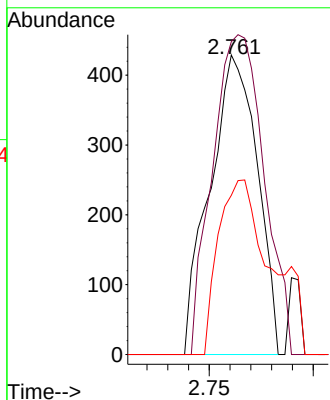
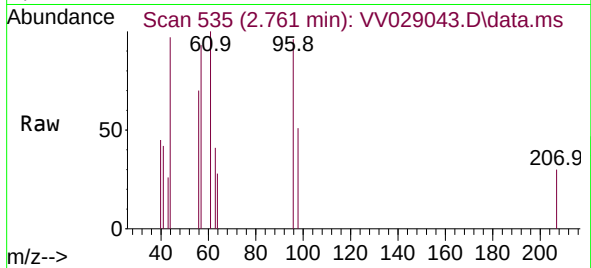




#18
trans-1,2-Dichloroethene
Concen: 0.035 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029043.D
Acq: 17 Nov 2022 02:14

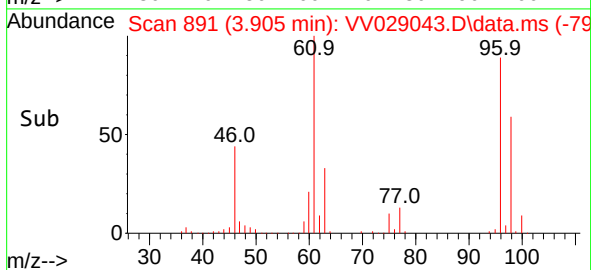
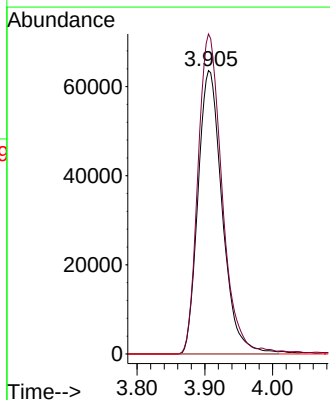
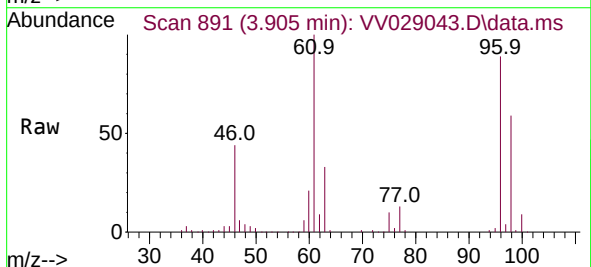
Instrument :
MSVOA_V
ClientSampleId :
H46D0DL

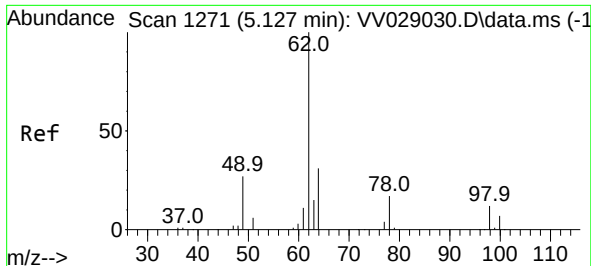
Tgt Ion: 96 Resp: 683
Ion Ratio Lower Upper
96 100
61 104.4 91.8 170.6
98 53.1 46.4 86.2



#22
cis-1,2-Dichloroethene
Concen: 7.980 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV029043.D
Acq: 17 Nov 2022 02:14

Tgt Ion: 96 Resp: 157725
Ion Ratio Lower Upper
96 100
61 112.9 82.3 152.9
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 5.040 min Scan# 11

Delta R.T. -0.087 min

Lab File: VV029043.D

Acq: 17 Nov 2022 02:14

Instrument :

MSVOA_V

ClientSampleId :

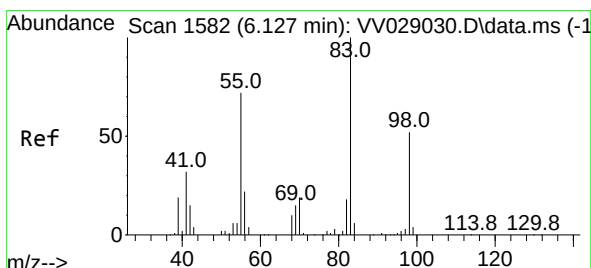
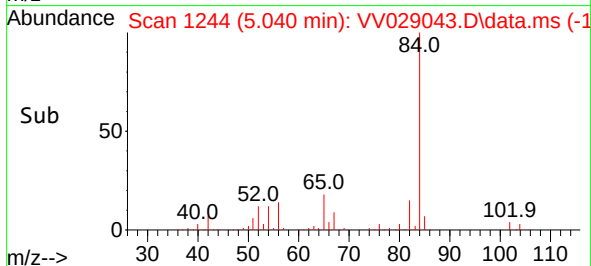
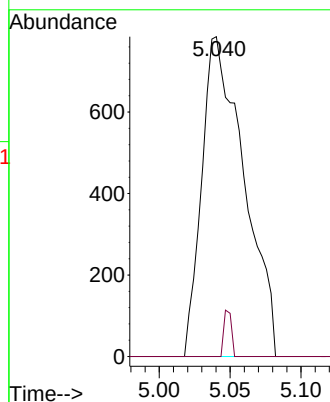
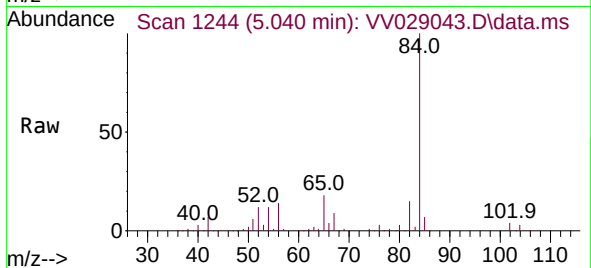
H46D0DL

Tgt Ion: 62 Resp: 1625

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#



#35

Methylcyclohexane

Concen: 0.700 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV029043.D

Acq: 17 Nov 2022 02:14

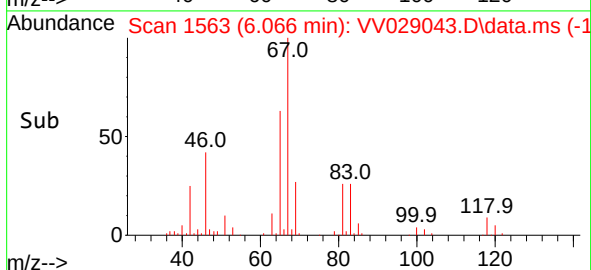
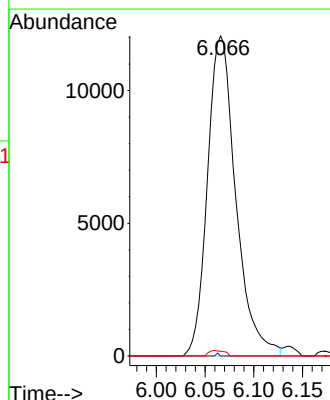
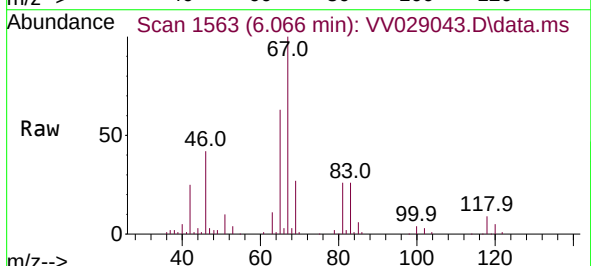
Tgt Ion: 83 Resp: 24402

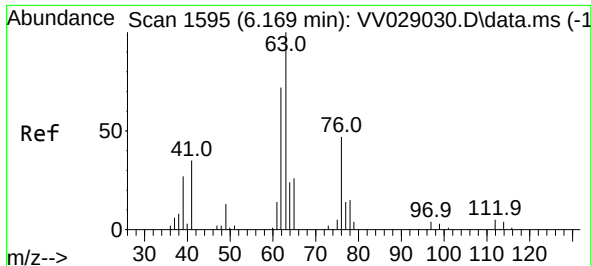
Ion Ratio Lower Upper

83 100

55 0.1 55.8 83.6#

98 0.9 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.595 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV029043.D

Acq: 17 Nov 2022 02:14

Instrument :

MSVOA_V

ClientSampleId :

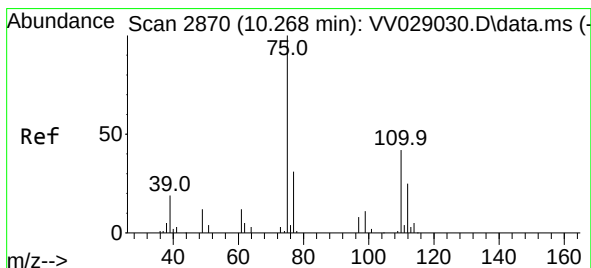
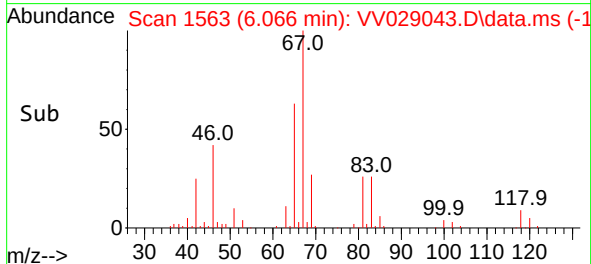
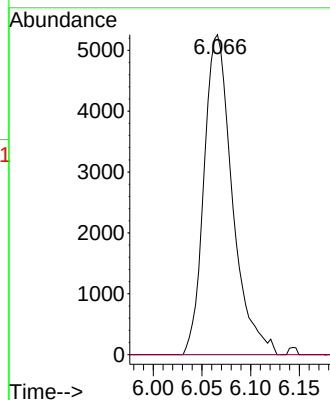
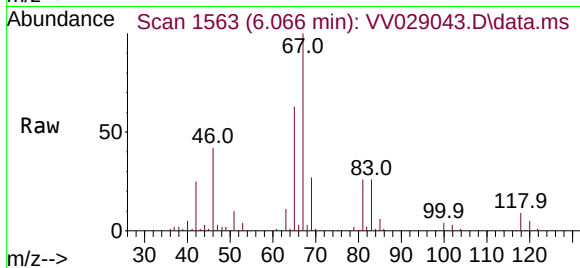
H46D0DL

Tgt Ion: 63 Resp: 10635

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 1.499 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.971 min

Lab File: VV029043.D

Acq: 17 Nov 2022 02:14

Tgt Ion: 75 Resp: 11987

Ion Ratio Lower Upper

75 100

77 30.4 26.2 39.2

110 2.2 32.6 48.8#

