

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026529.D
 Acq On : 23 Jun 2022 21:07
 Operator : SY/MD
 Sample : N3400-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAFO

Quant Time: Jun 24 02:05:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:51:15 2022
 Response via : Initial Calibration

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

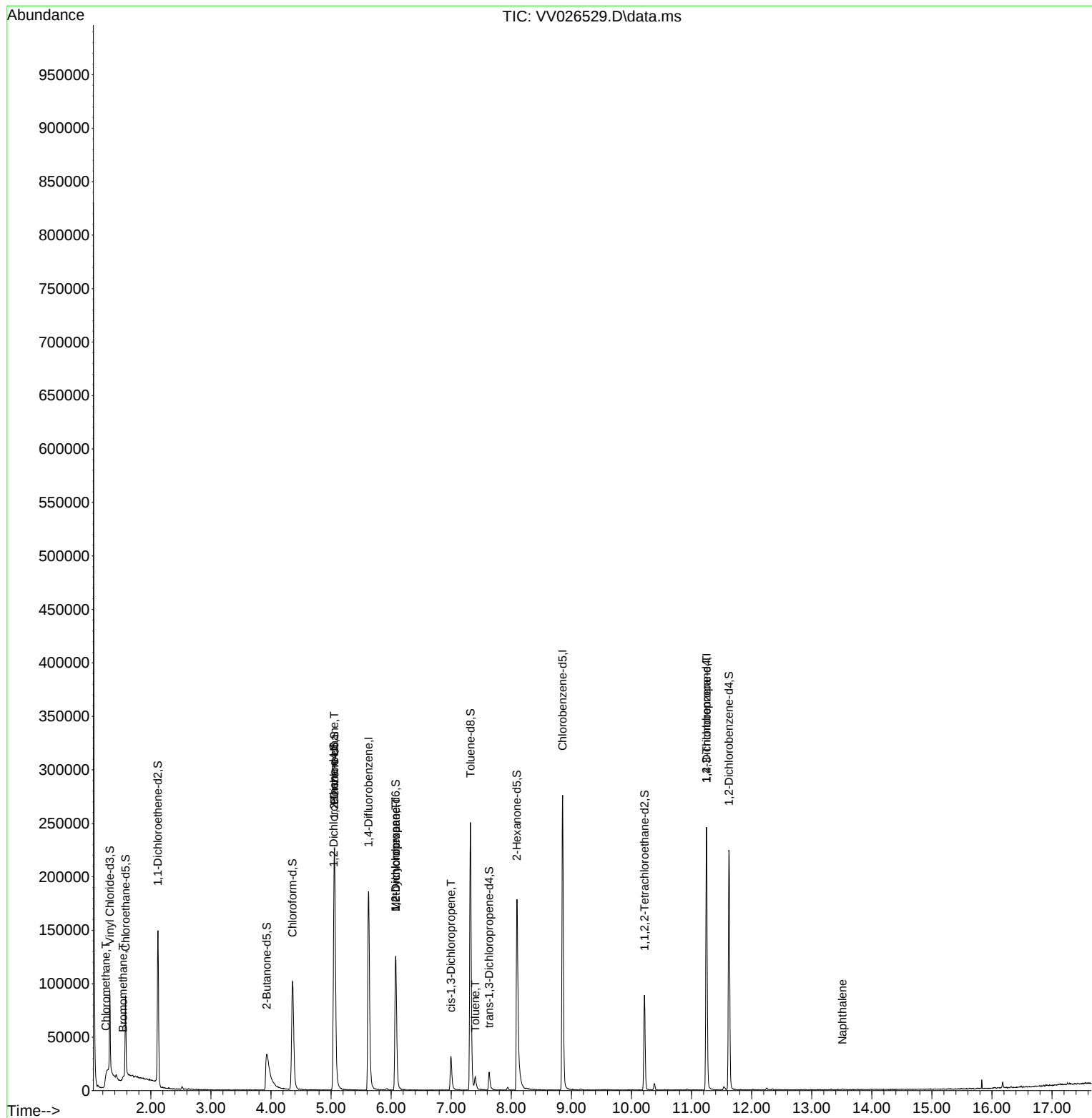
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	171995	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	161136	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67868	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	50367	3.641	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.577	69	47595	4.283	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.117	63	76295	3.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.928	46	81142	59.004	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.000%
24) Chloroform-d	4.358	84	112277	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.043	65	46467	5.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.056	84	217122	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.075	67	66782	5.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.320	98	173914	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.628	79	11179	3.398	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.000%
46) 2-Hexanone-d5	8.091	63	65175	52.012	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.020%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44819	5.383	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	60099	5.351	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						Qvalue
3) Chloromethane	1.249	50	958	0.067	ug/L	99
6) Bromomethane	1.535	94	492	0.060	ug/L	96
27) 1,2-Dichloroethane	5.050	62	972	0.096	ug/L #	72
35) Methylcyclohexane	6.075	83	16374	0.895	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	6969	0.615	ug/L #	85
39) cis-1,3-Dichloropropene	6.995	75	964	0.085	ug/L	94
42) Toluene	7.400	91	9779	0.201	ug/L	96
61) 1,2,3-Trichloropropane	11.249	75	7716	1.756	ug/L #	62
71) Naphthalene	13.512	128	909	0.067	ug/L #	77

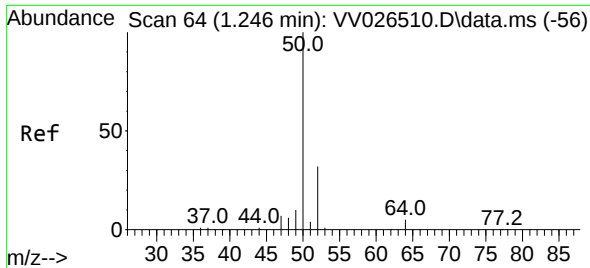
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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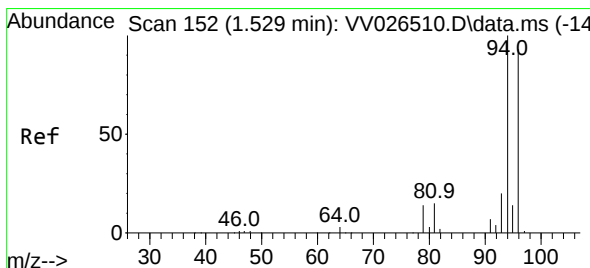
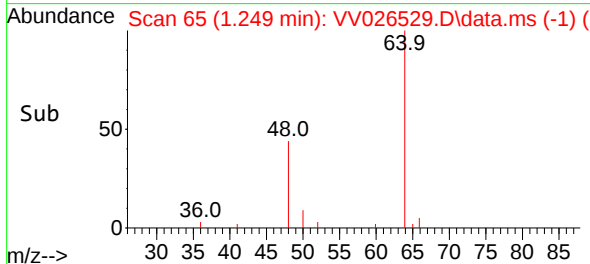
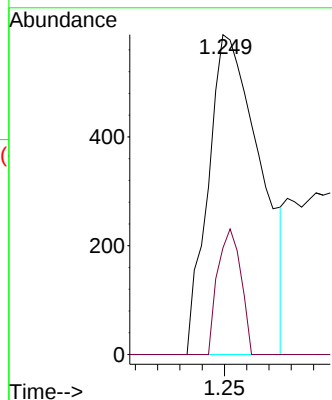
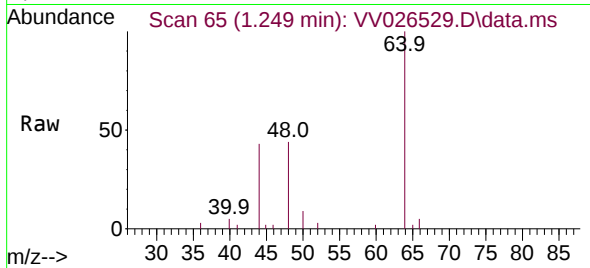




#3
Chloromethane
Concen: 0.067 ug/L
RT: 1.249 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026529.D
Acq: 23 Jun 2022 21:07

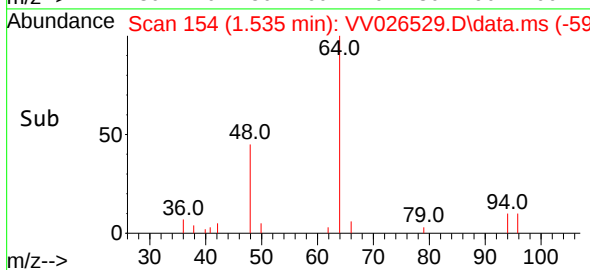
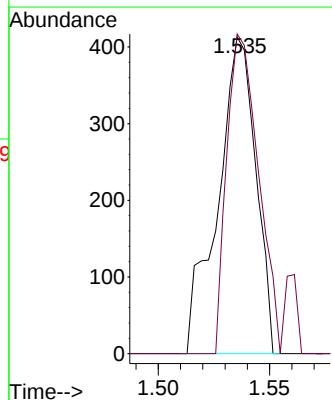
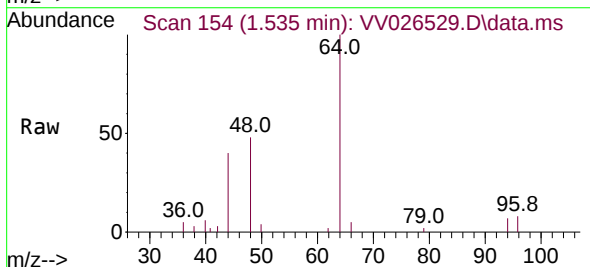
Instrument :
MSVOA_V
ClientSampleId :
C0AF0

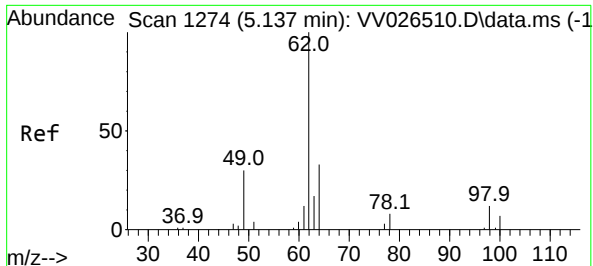
Tgt Ion: 50 Resp: 958
Ion Ratio Lower Upper
50 100
52 33.3 23.0 42.6



#6
Bromomethane
Concen: 0.060 ug/L
RT: 1.535 min Scan# 154
Delta R.T. 0.006 min
Lab File: VV026529.D
Acq: 23 Jun 2022 21:07

Tgt Ion: 94 Resp: 492
Ion Ratio Lower Upper
94 100
96 101.0 68.0 126.2





#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.050 min Scan# 1

Delta R.T. -0.087 min

Lab File: VV026529.D

Acq: 23 Jun 2022 21:07

Instrument :

MSVOA_V

ClientSampleId :

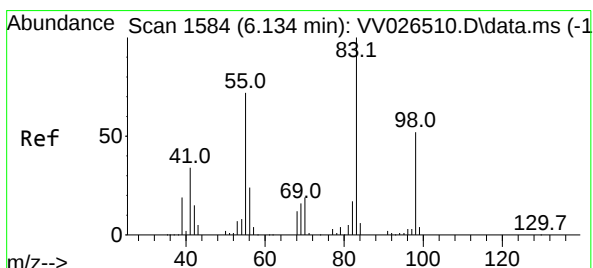
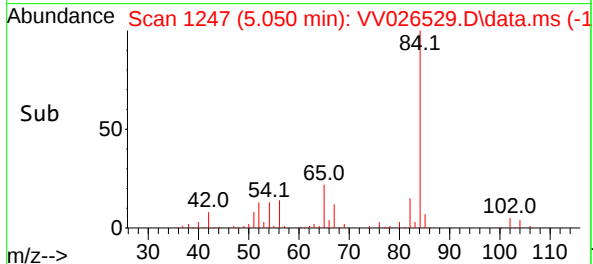
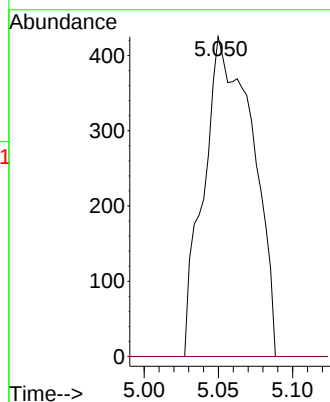
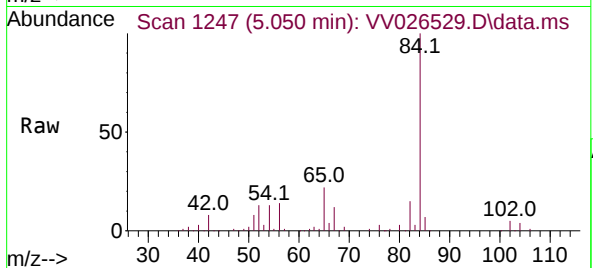
C0AF0

Tgt Ion: 62 Resp: 972

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#35

Methylcyclohexane

Concen: 0.895 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV026529.D

Acq: 23 Jun 2022 21:07

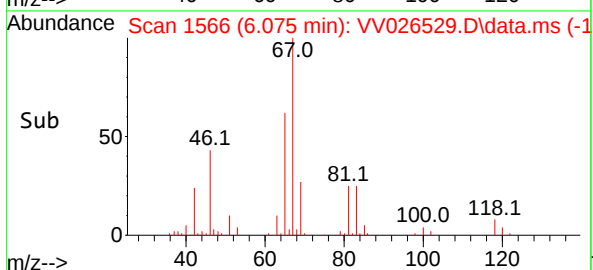
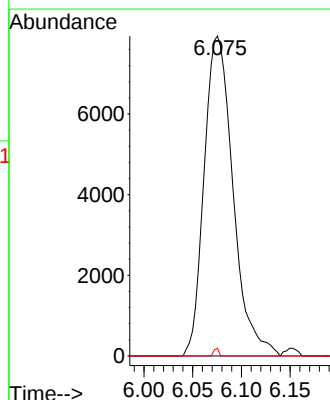
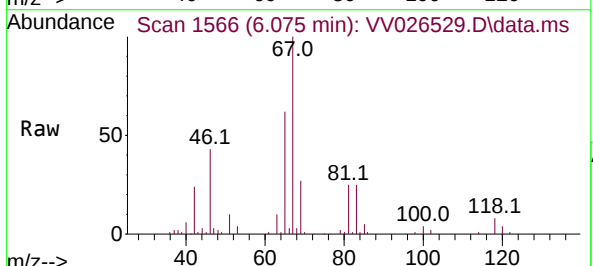
Tgt Ion: 83 Resp: 16374

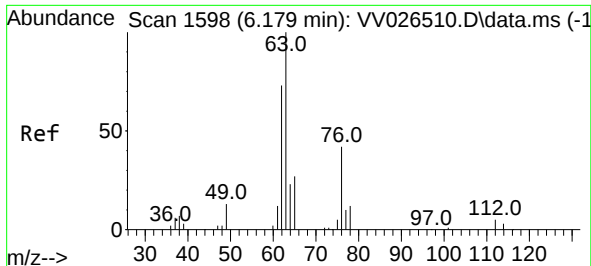
Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 0.4 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.615 ug/L

RT: 6.075 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026529.D

Acq: 23 Jun 2022 21:07

Instrument :

MSVOA_V

ClientSampleId :

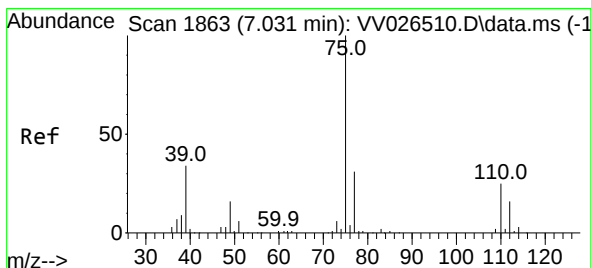
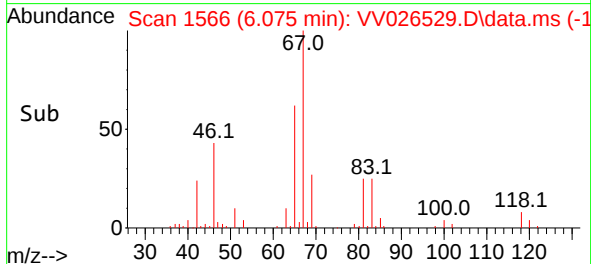
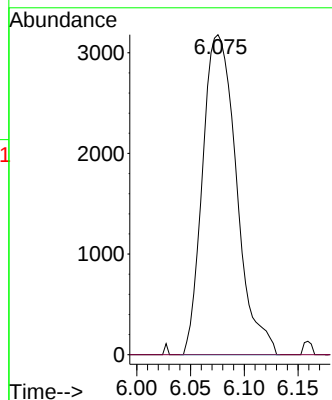
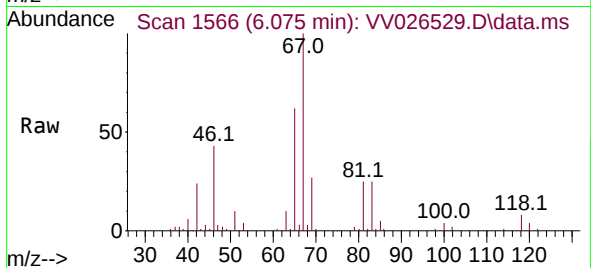
COAF0

Tgt Ion: 63 Resp: 6969

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.036 min

Lab File: VV026529.D

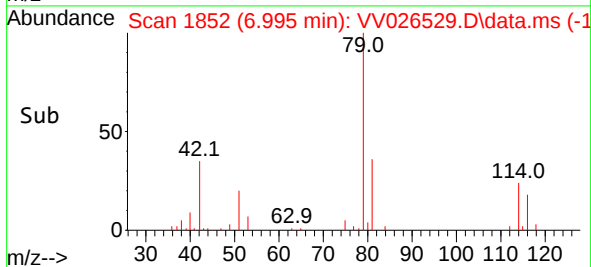
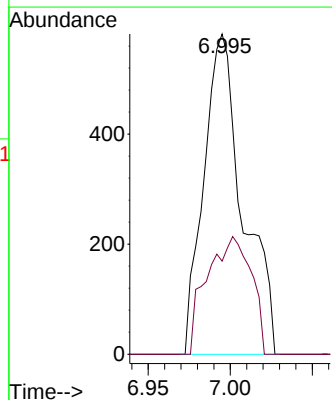
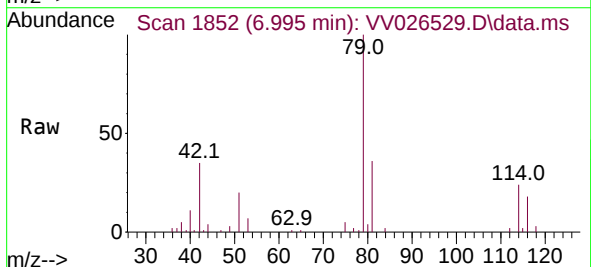
Acq: 23 Jun 2022 21:07

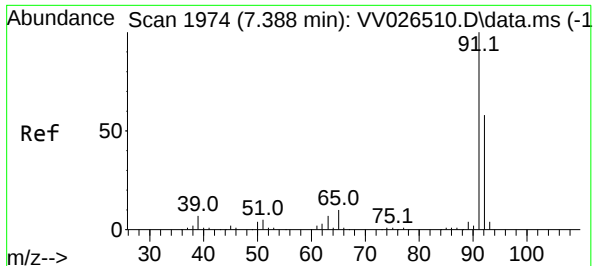
Tgt Ion: 75 Resp: 964

Ion Ratio Lower Upper

75 100

77 29.0 22.8 42.4





#42

Toluene

Concen: 0.201 ug/L

RT: 7.400 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV026529.D

Acq: 23 Jun 2022 21:07

Instrument :

MSVOA_V

ClientSampleId :

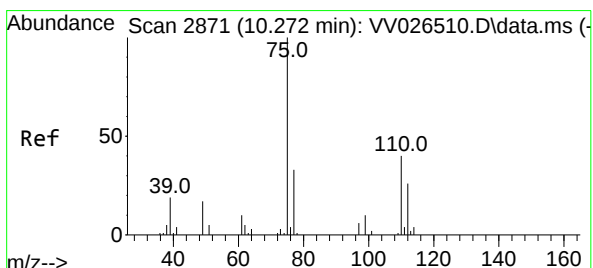
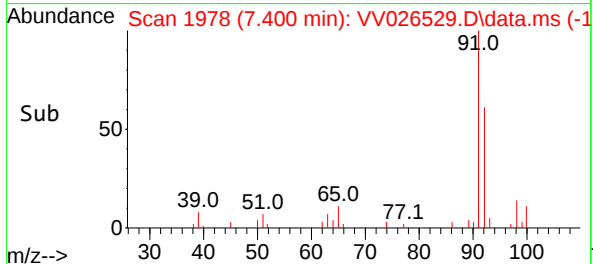
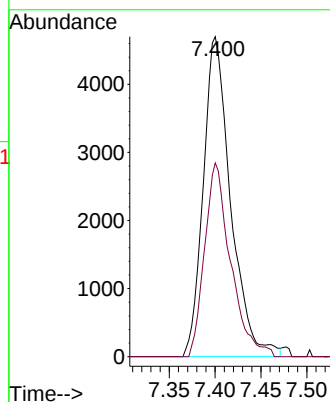
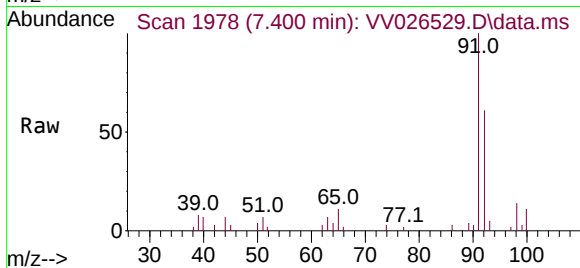
C0AF0

Tgt Ion: 91 Resp: 9779

Ion Ratio Lower Upper

91 100

92 60.6 40.3 74.9



#61

1,2,3-Trichloropropane

Concen: 1.756 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV026529.D

Acq: 23 Jun 2022 21:07

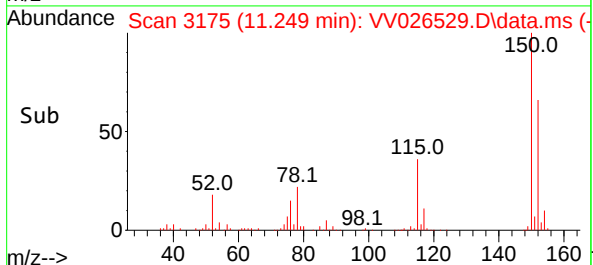
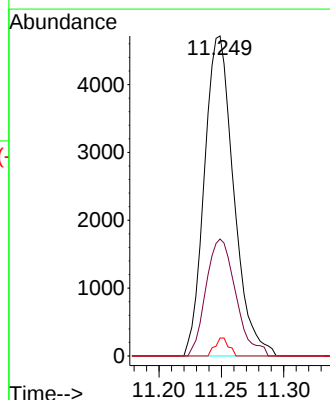
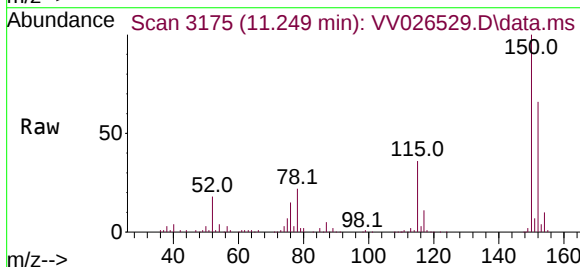
Tgt Ion: 75 Resp: 7716

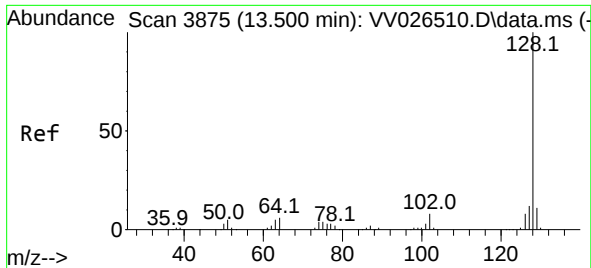
Ion Ratio Lower Upper

75 100

77 37.1 25.8 38.6

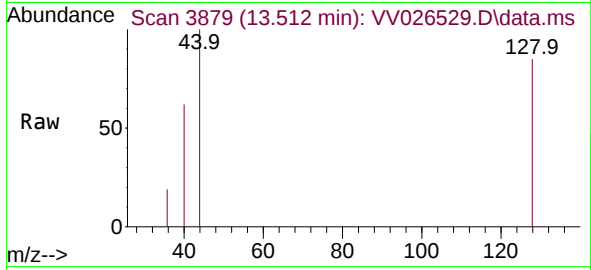
110 2.6 32.5 48.7#





#71
Naphthalene
Concen: 0.067 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV026529.D
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Instrument :
MSVOA_V
ClientSampleId :
C0AF0



Tgt Ion:	128	Resp:	909
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	12.8#
127	5.3	10.2	15.4#

