

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091622\
 Data File : VV027881.D
 Acq On : 16 Sep 2022 14:51
 Operator : SY/MD
 Sample : N4618-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 16 22:08:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 22:04:36 2022
 Response via : Initial Calibration

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

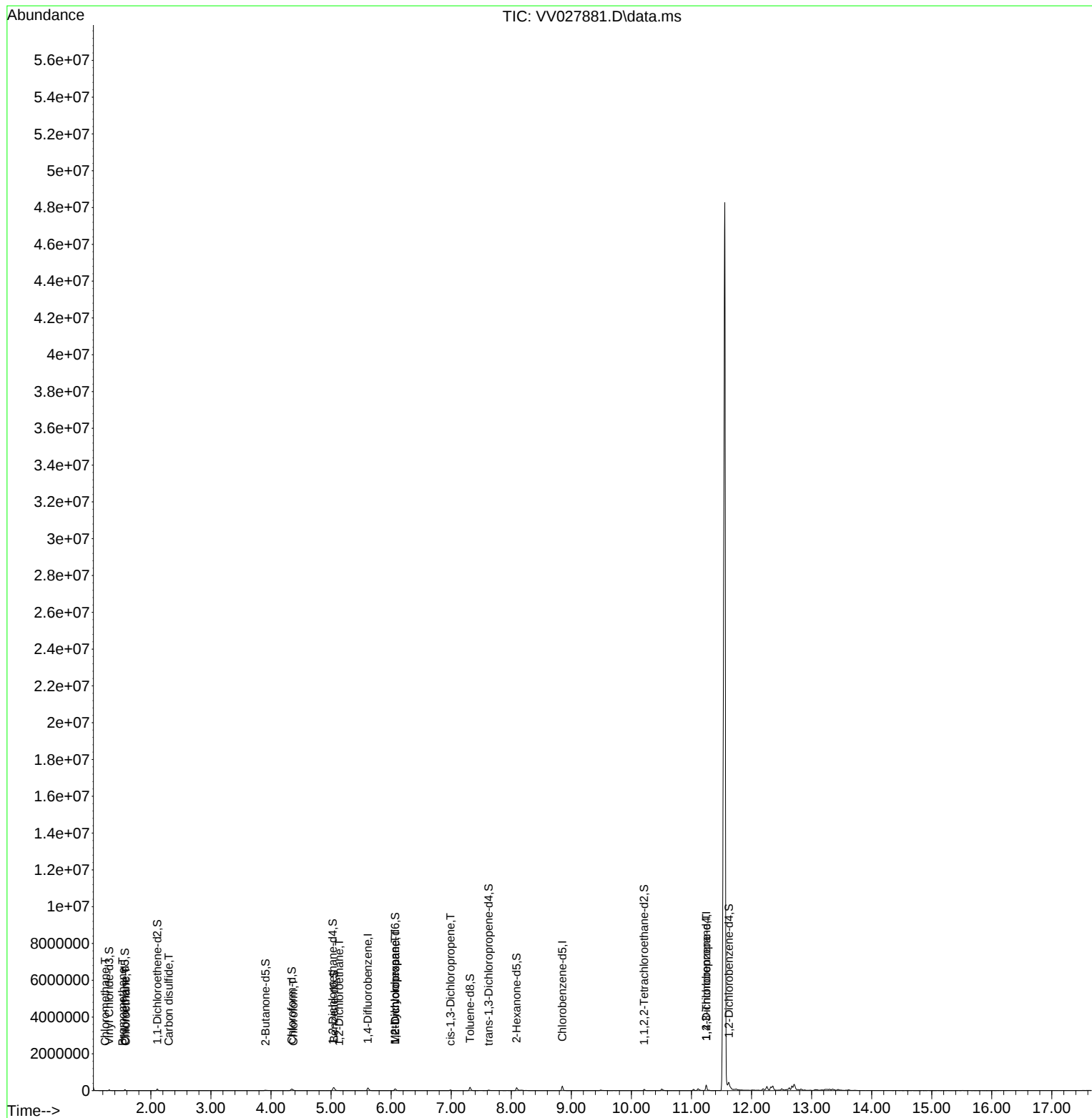
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	136413	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	138502	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	80760	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31711	3.527	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.568	69	36116	4.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.108	63	46955	2.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.200%#
20) 2-Butanone-d5	3.909	46	50150	25.166	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	50.340%
24) Chloroform-d	4.346	84	89283	4.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.031	65	44234	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.047	84	154858	3.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	6.069	67	42083	3.577	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.600%
41) Toluene-d8	7.314	98	126898	3.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	7.625	79	14572	3.692	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.088	63	59886	40.821	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.640%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31908	4.224	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	60788	4.582	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1720	0.141	ug/L	96
6) Bromomethane	1.526	94	470	0.071	ug/L	81
8) Chloroethane	1.584	64	628	0.089	ug/L	# 43
14) Carbon disulfide	2.298	76	2858	0.106	ug/L	# 85
25) Chloroform	4.375	83	5712	0.287	ug/L	83
27) 1,2-Dichloroethane	5.137	62	4117	0.342	ug/L	98
35) Methylcyclohexane	6.066	83	12176	0.693	ug/L	# 19
37) 1,2-Dichloropropane	6.069	63	5885	0.542	ug/L	# 85
39) cis-1,3-Dichloropropene	6.989	75	1027	0.075	ug/L	# 1
61) 1,2,3-Trichloropropane	11.246	75	8317	1.300	ug/L	# 35

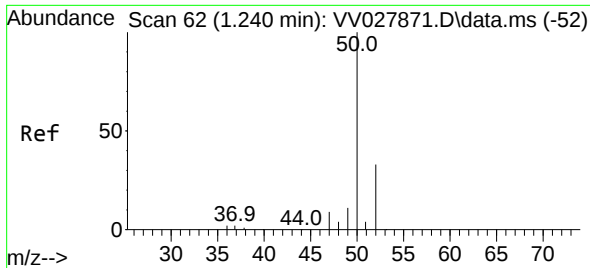
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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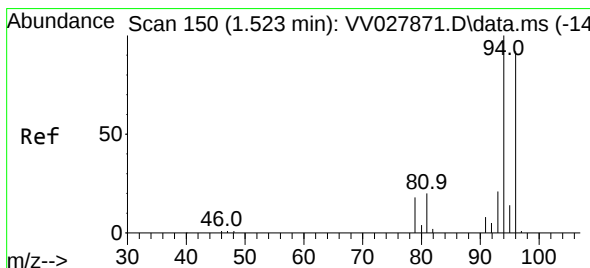
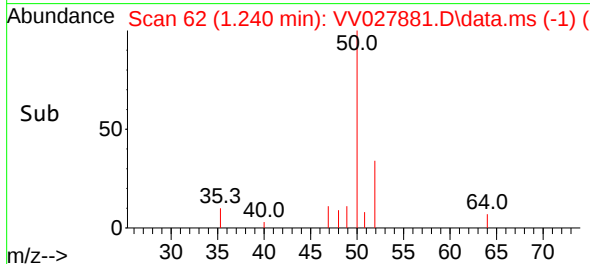
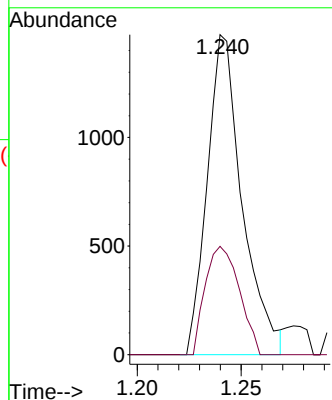
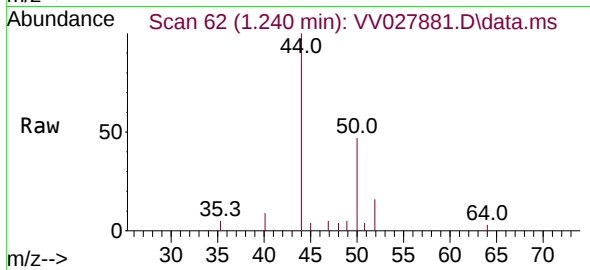




#3
Chloromethane
Concen: 0.141 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027881.D
Acq: 16 Sep 2022 14:51

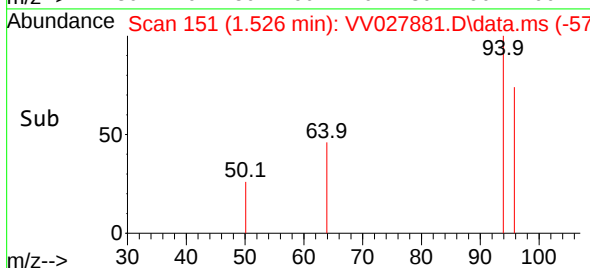
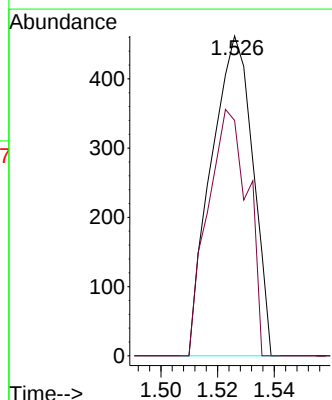
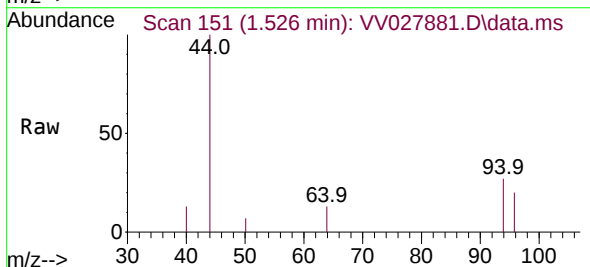
Instrument :
MSVOA_V
ClientSampleId :

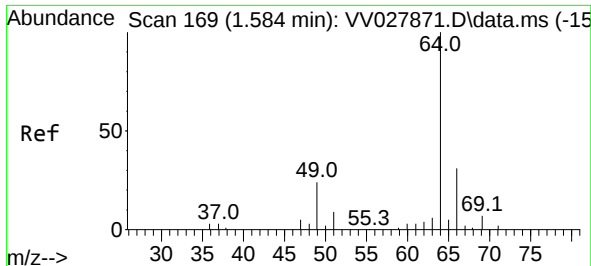
Tgt Ion: 50 Resp: 1720
Ion Ratio Lower Upper
50 100
52 33.9 22.1 41.1



#6
Bromomethane
Concen: 0.071 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV027881.D
Acq: 16 Sep 2022 14:51

Tgt Ion: 94 Resp: 470
Ion Ratio Lower Upper
94 100
96 73.6 64.2 119.2





#8

Chloroethane

Concen: 0.089 ug/L

RT: 1.584 min Scan# 1

Delta R.T. 0.000 min

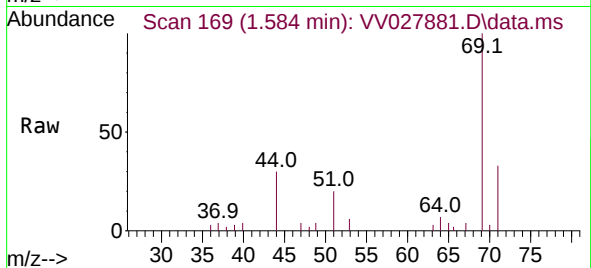
Lab File: VV027881.D

Acq: 16 Sep 2022 14:51

Instrument :

MSVOA_V

ClientSampleId :

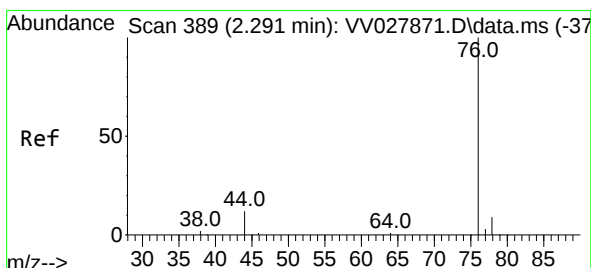
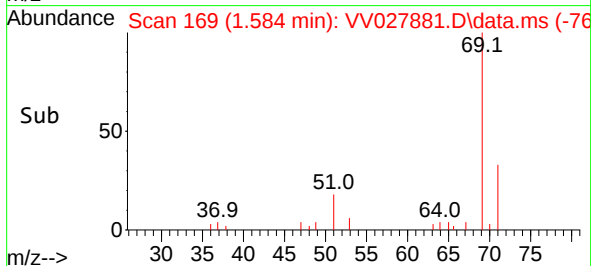
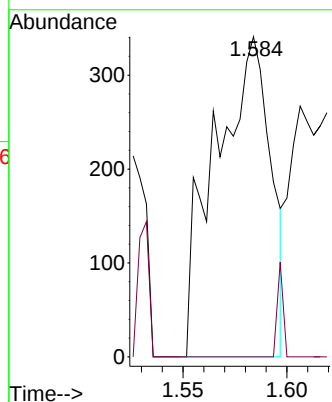


Tgt Ion: 64 Resp: 628

Ion Ratio Lower Upper

64 100

66 0.0 22.1 41.1#



#14

Carbon disulfide

Concen: 0.106 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.007 min

Lab File: VV027881.D

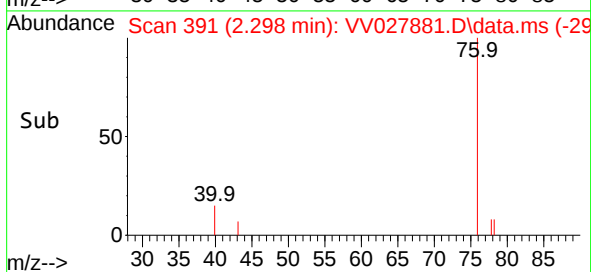
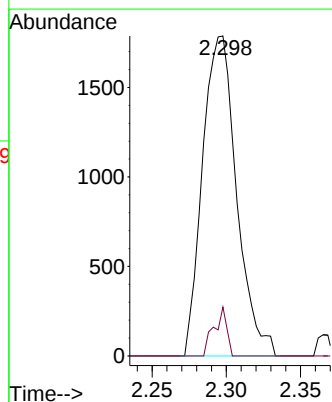
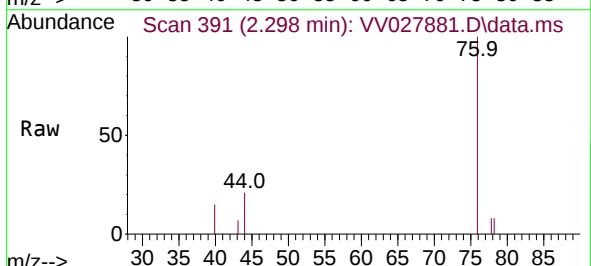
Acq: 16 Sep 2022 14:51

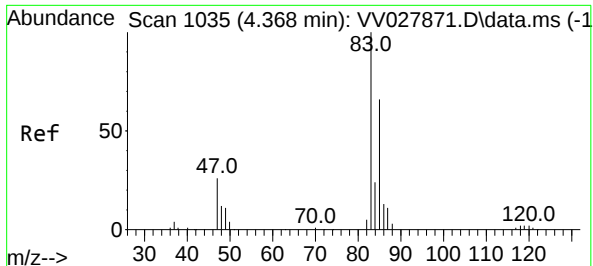
Tgt Ion: 76 Resp: 2858

Ion Ratio Lower Upper

76 100

78 15.3 7.7 11.5#





#25

Chloroform

Concen: 0.287 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV027881.D

Acq: 16 Sep 2022 14:51

Instrument :

MSVOA_V

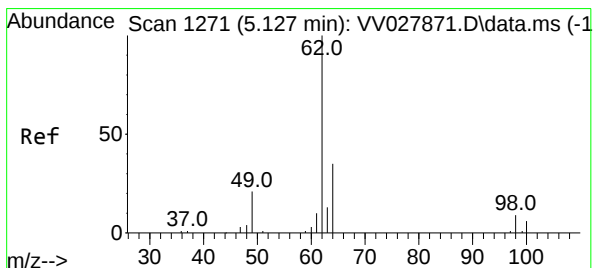
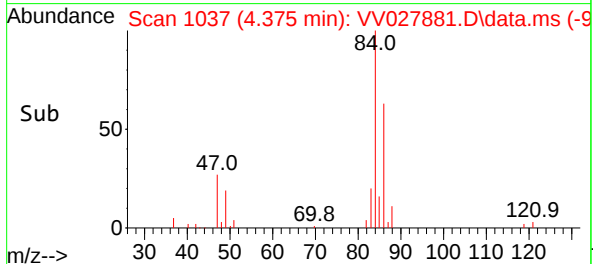
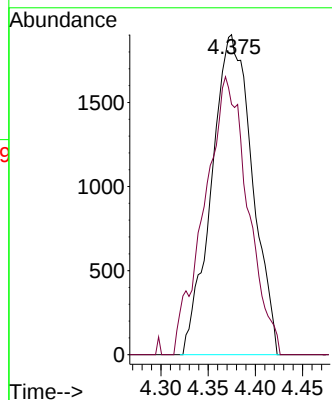
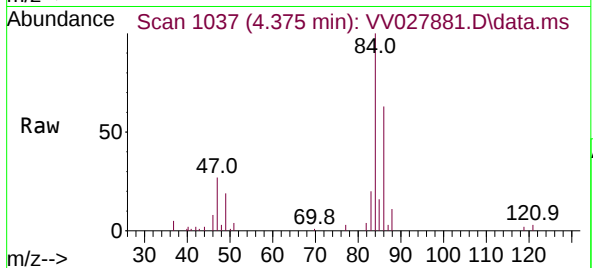
ClientSampleId :

Tgt Ion: 83 Resp: 5712

Ion Ratio Lower Upper

83 100

85 78.2 45.4 84.2



#27

1,2-Dichloroethane

Concen: 0.342 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.010 min

Lab File: VV027881.D

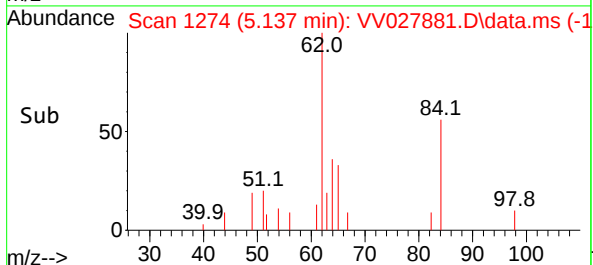
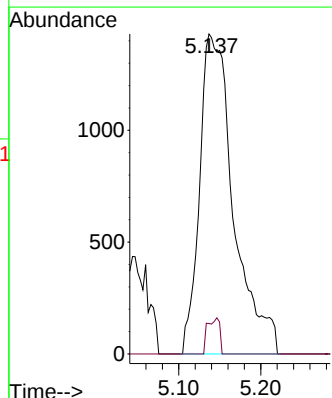
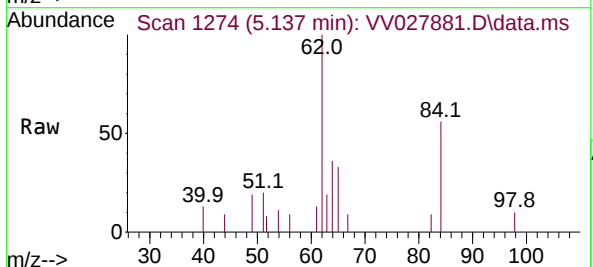
Acq: 16 Sep 2022 14:51

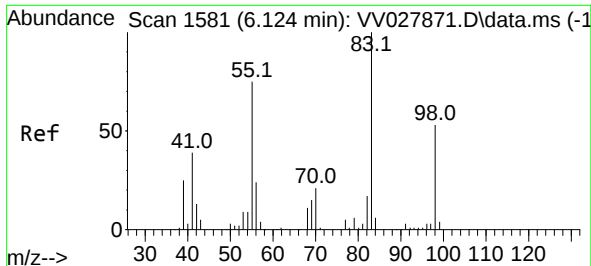
Tgt Ion: 62 Resp: 4117

Ion Ratio Lower Upper

62 100

98 9.5 7.1 10.7

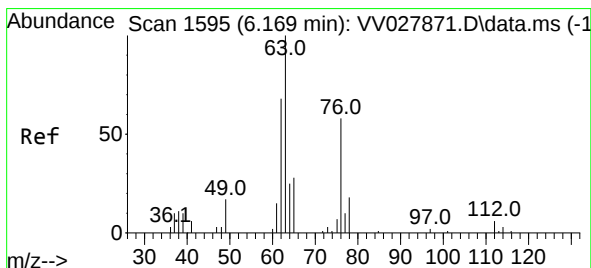
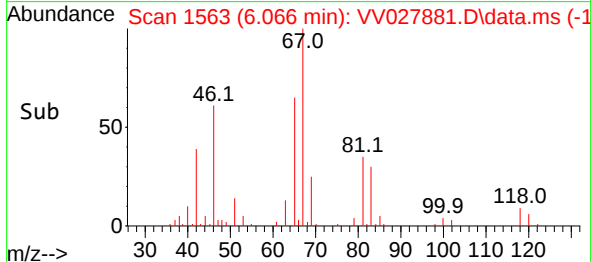
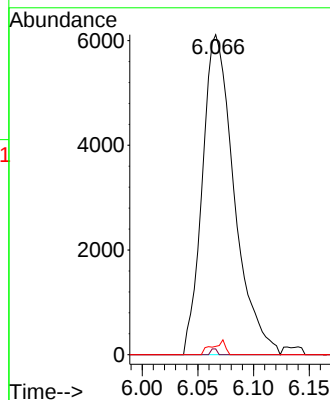
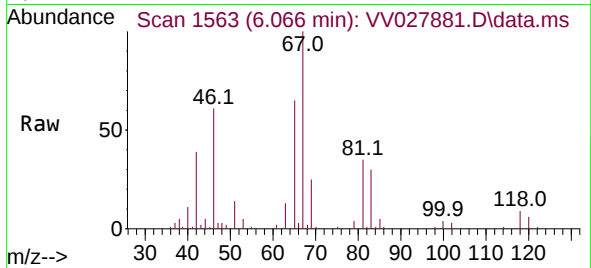




#35
Methylcyclohexane
Concen: 0.693 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV027881.D
Acq: 16 Sep 2022 14:51

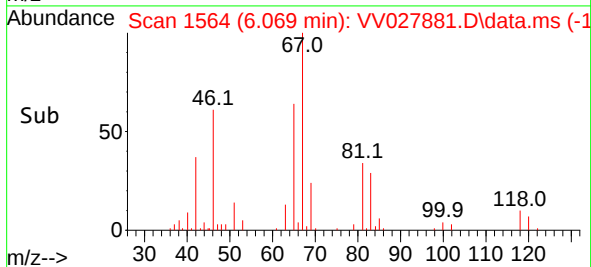
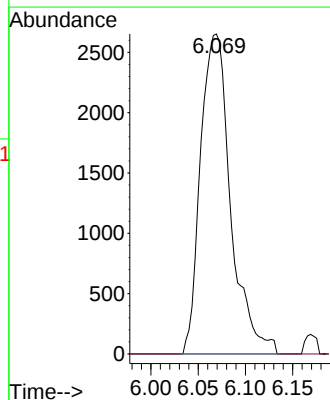
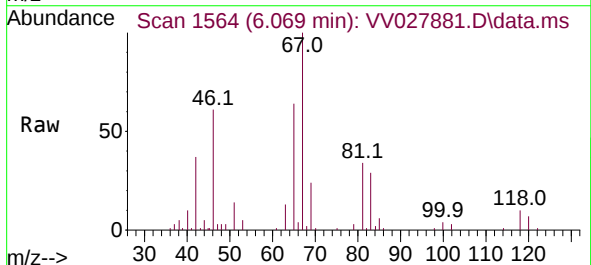
Instrument :
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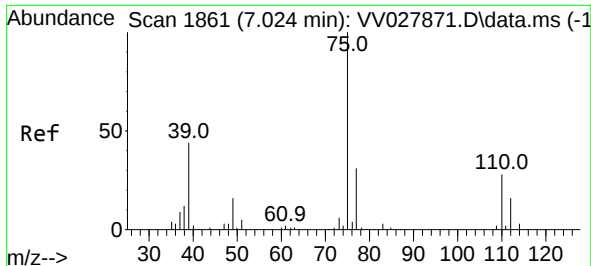
Tgt Ion: 83 Resp: 12176
Ion Ratio Lower Upper
83 100
55 0.4 61.9 92.9#
98 1.8 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV027881.D
Acq: 16 Sep 2022 14:51

Tgt Ion: 63 Resp: 5885
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV027881.D

Acq: 16 Sep 2022 14:51

Instrument :

MSVOA_V

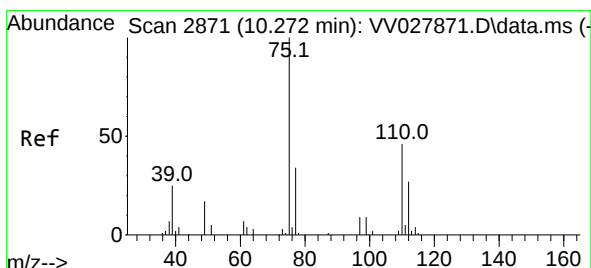
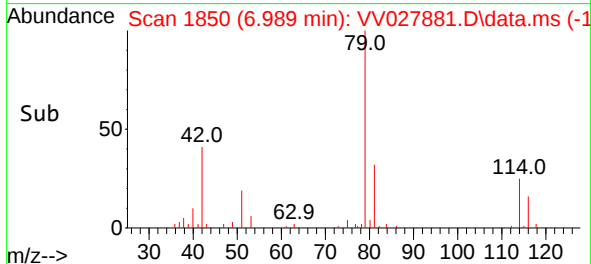
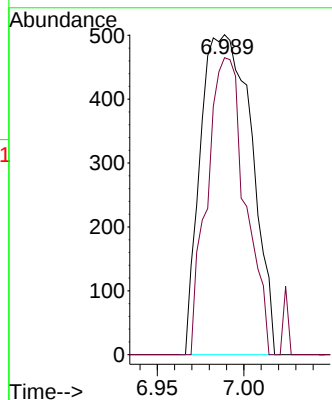
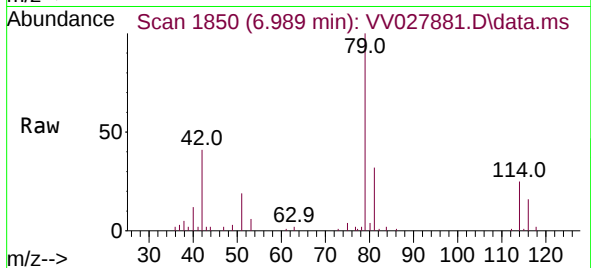
ClientSampleId :

Tgt Ion: 75 Resp: 1027

Ion Ratio Lower Upper

75 100

77 92.8 22.0 40.8#



#61

1,2,3-Trichloropropane

Concen: 1.300 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027881.D

Acq: 16 Sep 2022 14:51

Tgt Ion: 75 Resp: 8317

Ion Ratio Lower Upper

75 100

77 0.0 27.6 41.4#

110 0.0 35.6 53.4#

