

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028195.D
 Acq On : 29 Sep 2022 18:52
 Operator : SY/MD
 Sample : N4865-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW842

Quant Time: Sep 30 01:49:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

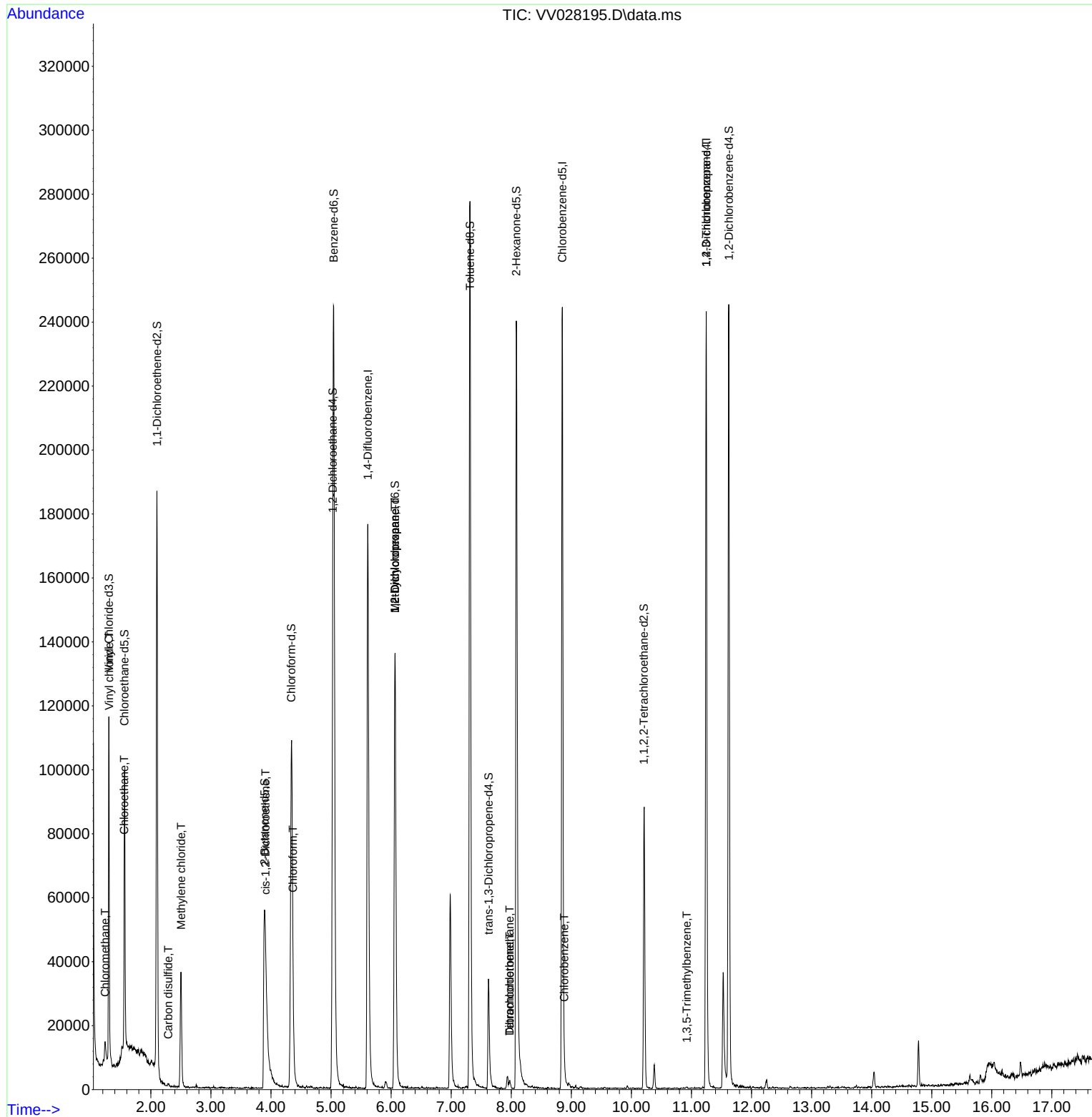
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	161996	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	145424	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69785	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	69127	4.116	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.561	69	56970	4.267	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.101	63	92223	3.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.400%
20) 2-Butanone-d5	3.892	46	112279	39.600	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.200%
24) Chloroform-d	4.339	84	116716	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.027	65	55566	4.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.043	84	234590	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.063	67	69517	4.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.313	98	193539	4.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	7.622	79	22429	4.177	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.085	63	91042	40.623	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.240%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	41592	4.093	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	67974	4.966	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						Qvalue
3) Chloromethane	1.236	50	5558	0.347	ug/L	94
5) Vinyl chloride	1.304	62	1646	0.131	ug/L #	26
8) Chloroethane	1.555	64	17008	2.019	ug/L #	52
14) Carbon disulfide	2.291	76	1355	0.063	ug/L #	74
16) Methylene chloride	2.503	84	15495	1.240	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	1258	0.098	ug/L #	60
25) Chloroform	4.365	83	5401	0.235	ug/L	96
35) Methylcyclohexane	6.063	83	17368	1.260	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	7547	0.667	ug/L #	87
47) Tetrachloroethene	7.976	164	574	0.072	ug/L #	72
49) Dibromochloromethane	7.976	129	641	0.070	ug/L #	11
51) Chlorobenzene	8.882	112	1288	0.046	ug/L #	82
61) 1,2,3-Trichloropropane	11.246	75	6743	1.152	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.921	105	436	0.038	ug/L	94

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

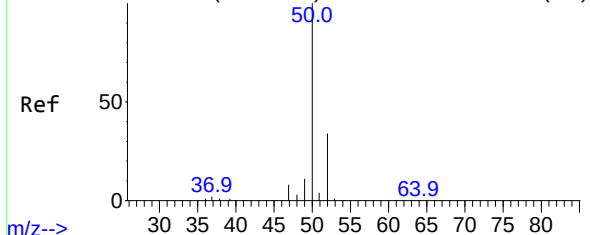
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration



Abundance Scan 61 (1.237 min): VV028192.D\data.ms (-53)



#3

Chloromethane

Concen: 0.347 ug/L

RT: 1.236 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV028195.D

Acq: 29 Sep 2022 18:52

Instrument :

MSVOA_V

ClientSampleId :

EW842

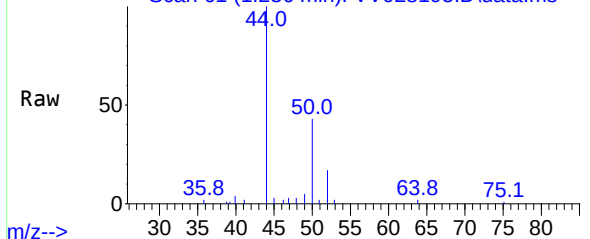
Tgt Ion: 50 Resp: 5558

Ion Ratio Lower Upper

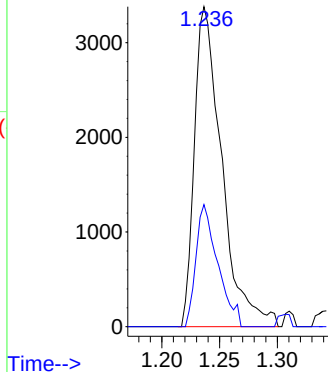
50 100

52 38.1 24.4 45.2

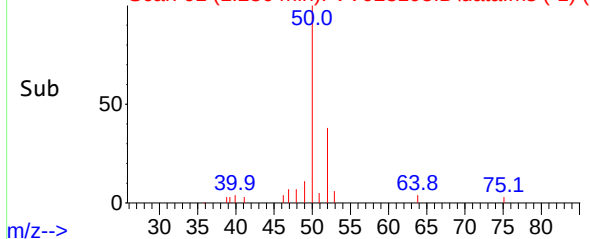
Abundance Scan 61 (1.236 min): VV028195.D\data.ms



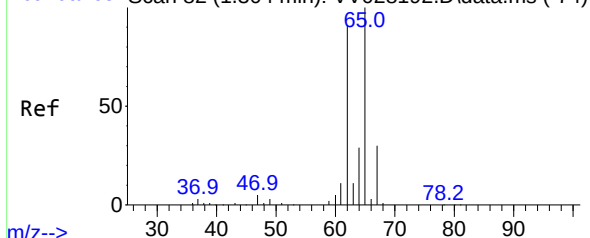
Abundance



Abundance Scan 61 (1.236 min): VV028195.D\data.ms (-1) (



Abundance Scan 82 (1.304 min): VV028192.D\data.ms (-74)



#5

Vinyl chloride

Concen: 0.131 ug/L

RT: 1.304 min Scan# 82

Delta R.T. -0.000 min

Lab File: VV028195.D

Acq: 29 Sep 2022 18:52

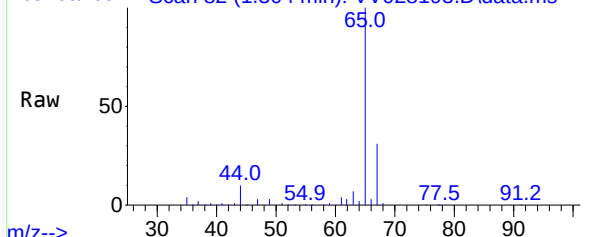
Tgt Ion: 62 Resp: 1646

Ion Ratio Lower Upper

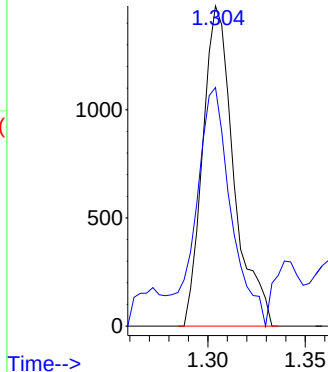
62 100

64 74.5 23.0 42.8#

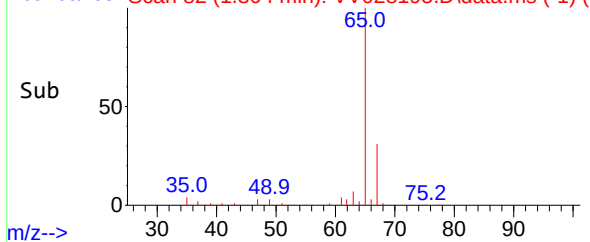
Abundance Scan 82 (1.304 min): VV028195.D\data.ms

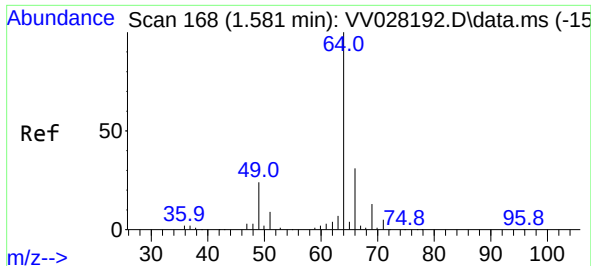


Abundance



Abundance Scan 82 (1.304 min): VV028195.D\data.ms (-1) (

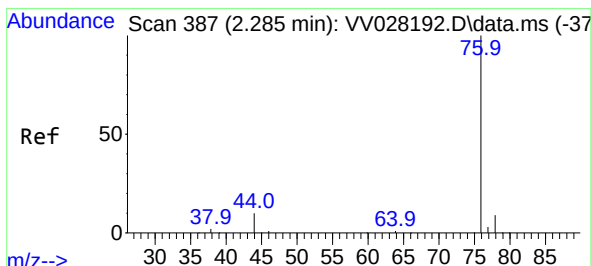
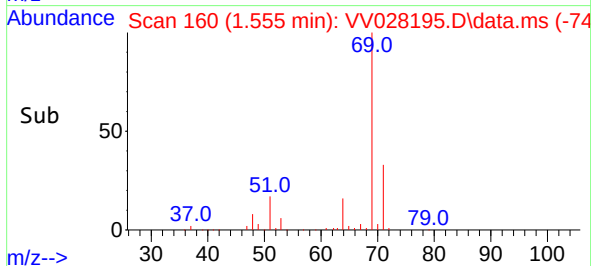
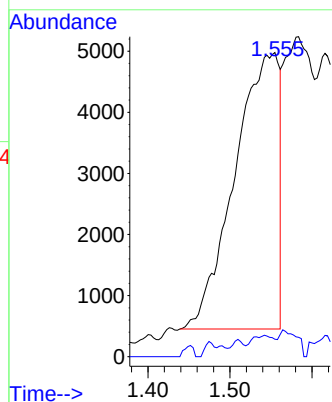
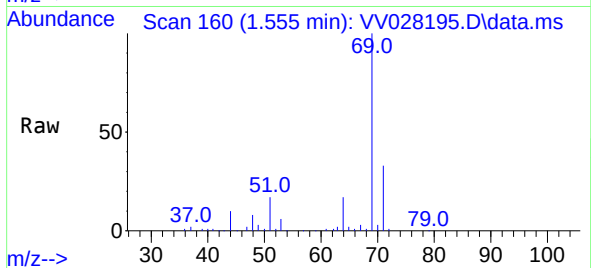




#8
Chloroethane
Concen: 2.019 ug/L
RT: 1.555 min Scan# 1
Delta R.T. -0.023 min
Lab File: VV028195.D
Acq: 29 Sep 2022 18:52

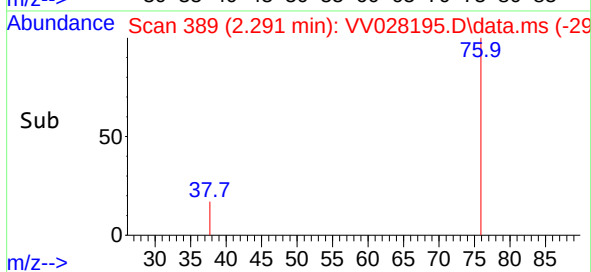
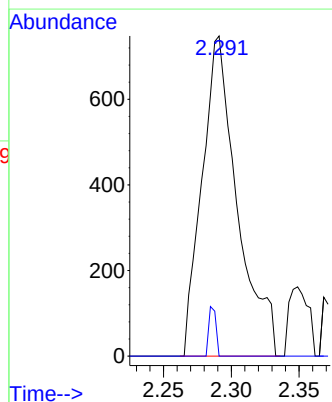
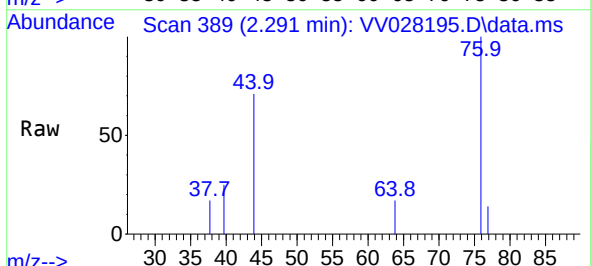
Instrument :
MSVOA_V
ClientSampleId :
EW842

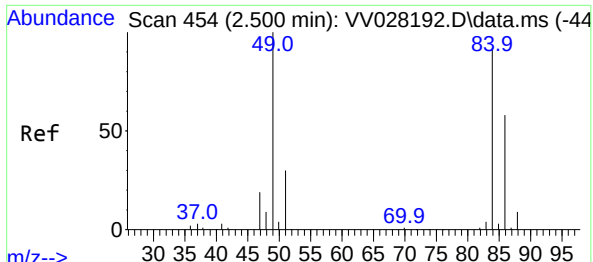
Tgt Ion: 64 Resp: 17008
Ion Ratio Lower Upper
64 100
66 5.7 23.0 42.8#



#14
Carbon disulfide
Concen: 0.063 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV028195.D
Acq: 29 Sep 2022 18:52

Tgt Ion: 76 Resp: 1355
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#

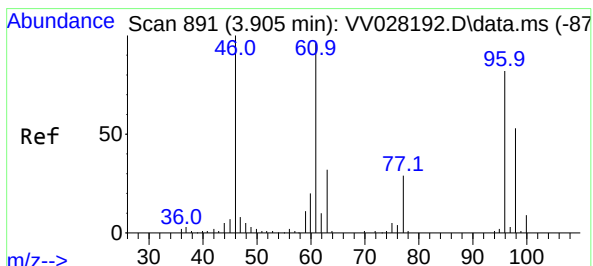
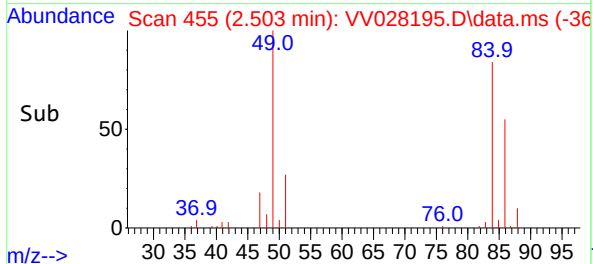
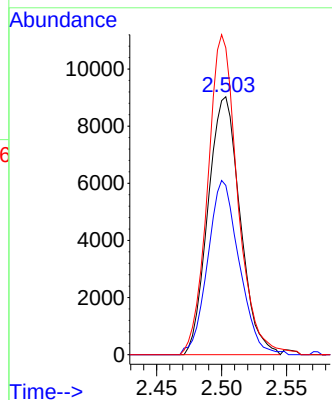
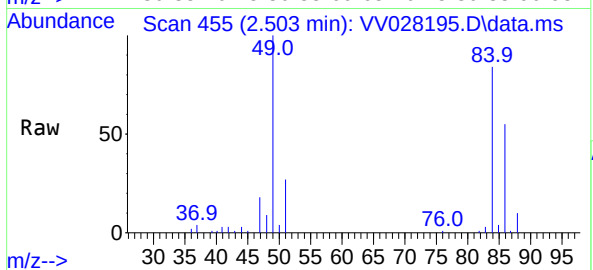




#16
Methylene chloride
Concen: 1.240 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV028195.D
Acq: 29 Sep 2022 18:52

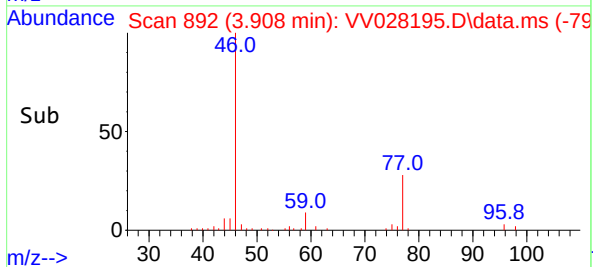
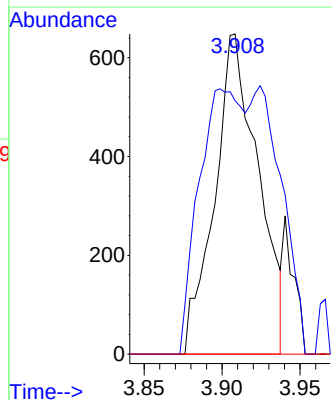
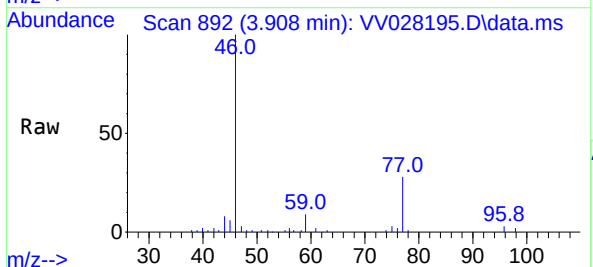
Instrument :
MSVOA_V
ClientSampleId :
EW842

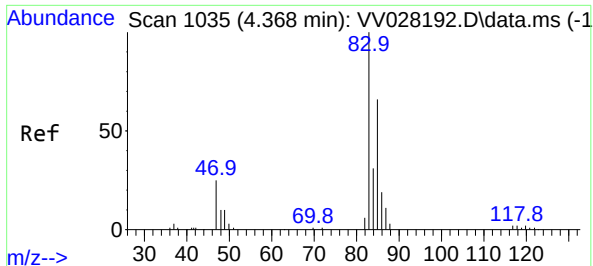
Tgt Ion: 84 Resp: 15495
Ion Ratio Lower Upper
84 100
86 65.6 46.8 86.8
49 119.0 87.5 162.5



#22
cis-1,2-Dichloroethene
Concen: 0.098 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.010 min
Lab File: VV028195.D
Acq: 29 Sep 2022 18:52

Tgt Ion: 96 Resp: 1258
Ion Ratio Lower Upper
96 100
61 79.2 87.2 161.9#
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.235 ug/L

RT: 4.365 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028195.D

Acq: 29 Sep 2022 18:52

Instrument :

MSVOA_V

ClientSampleId :

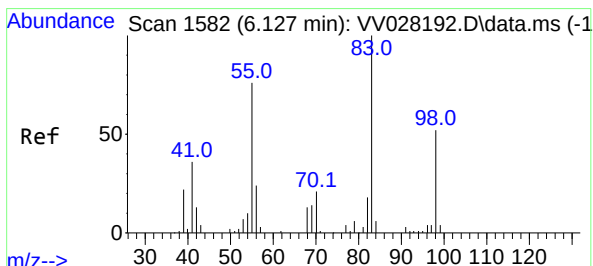
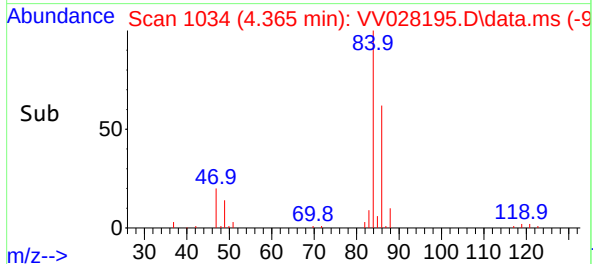
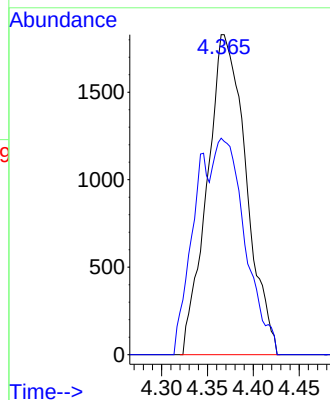
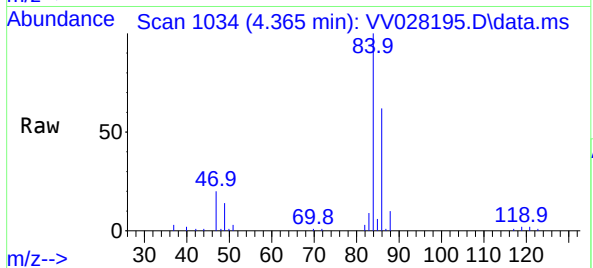
EW842

Tgt Ion: 83 Resp: 5401

Ion Ratio Lower Upper

83 100

85 67.6 45.1 83.7



#35

Methylcyclohexane

Concen: 1.260 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV028195.D

Acq: 29 Sep 2022 18:52

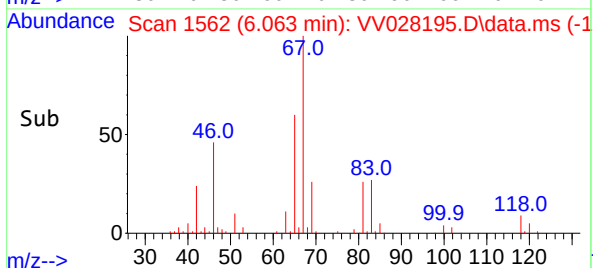
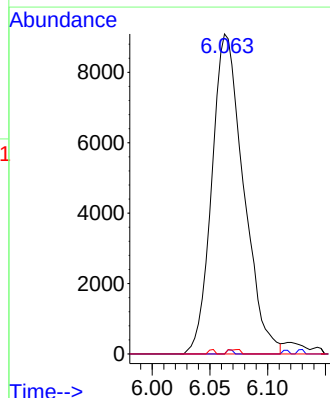
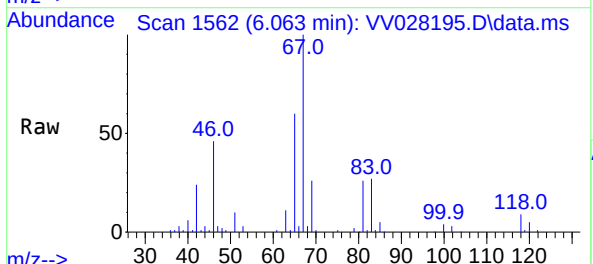
Tgt Ion: 83 Resp: 17368

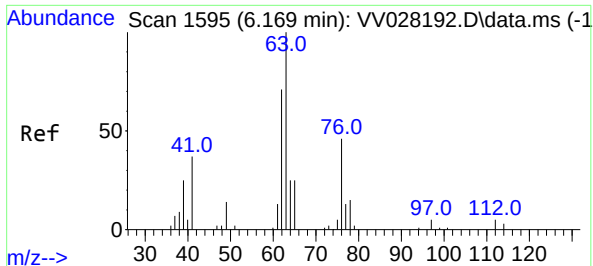
Ion Ratio Lower Upper

83 100

55 0.3 64.7 97.1#

98 0.3 39.5 59.3#

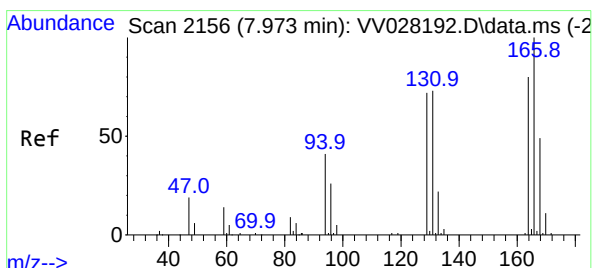
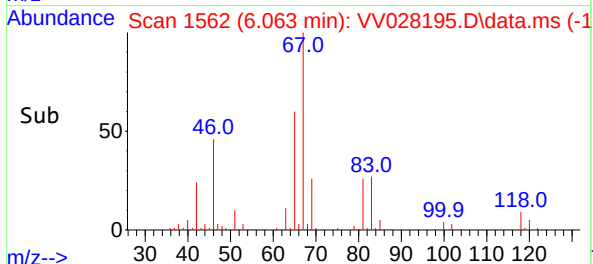
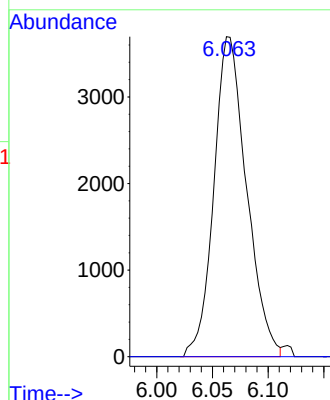
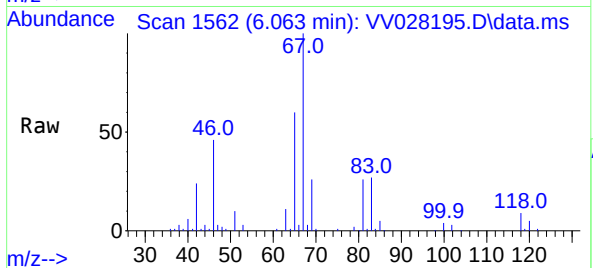




#37
1,2-Dichloropropane
Concen: 0.667 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028195.D
Acq: 29 Sep 2022 18:52

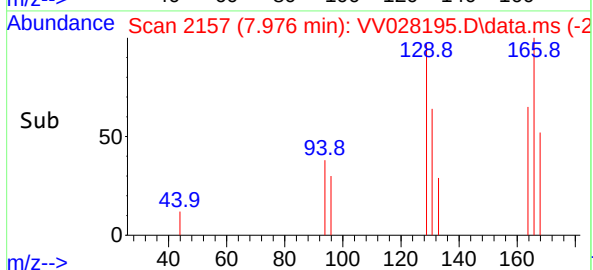
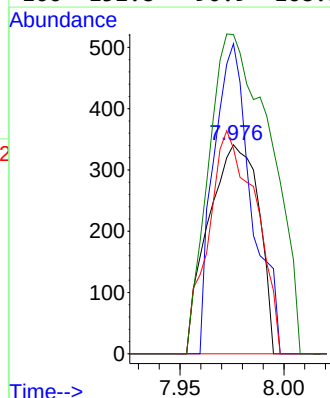
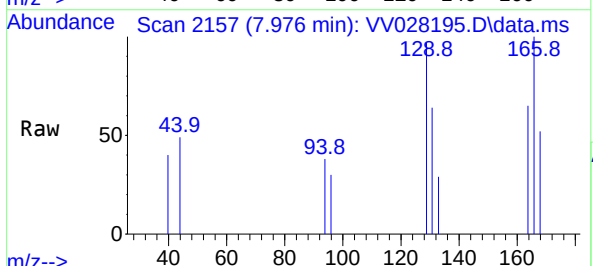
Instrument :
MSVOA_V
ClientSampleId :
EW842

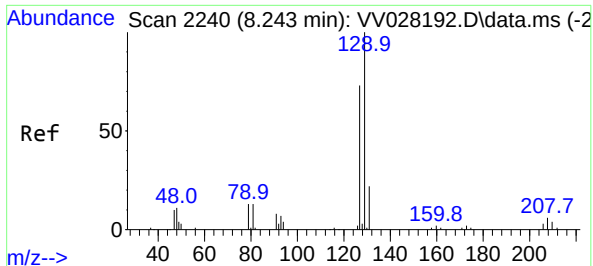
Tgt Ion: 63 Resp: 7547
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#47
Tetrachloroethene
Concen: 0.072 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.006 min
Lab File: VV028195.D
Acq: 29 Sep 2022 18:52

Tgt Ion:164 Resp: 574
Ion Ratio Lower Upper
164 100
129 148.4 66.7 123.9#
131 98.2 61.7 114.5
166 152.8 90.9 168.9





#49

Dibromochloromethane

Concen: 0.070 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.264 min

Lab File: VV028195.D

Acq: 29 Sep 2022 18:52

Instrument :

MSVOA_V

ClientSampleId :

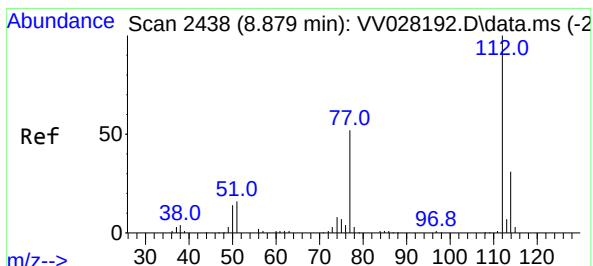
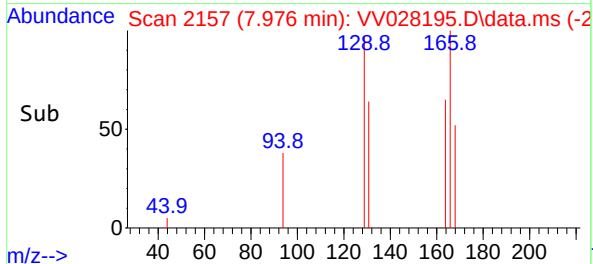
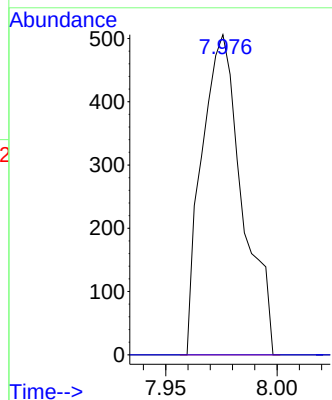
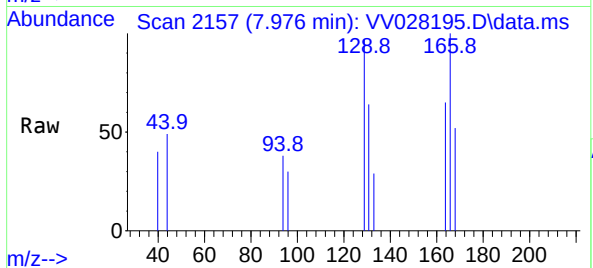
EW842

Tgt Ion:129 Resp: 641

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#51

Chlorobenzene

Concen: 0.046 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.006 min

Lab File: VV028195.D

Acq: 29 Sep 2022 18:52

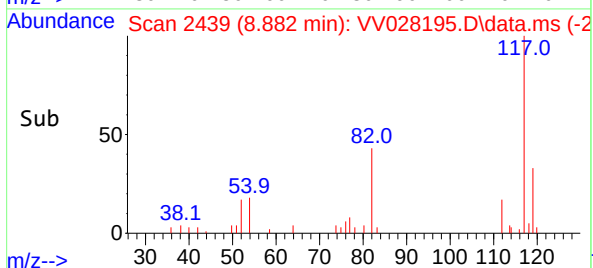
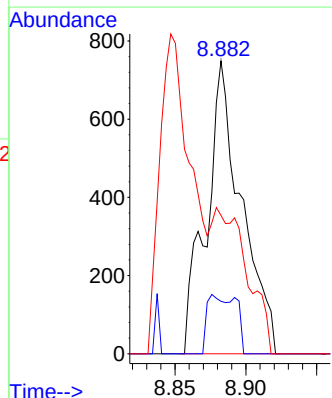
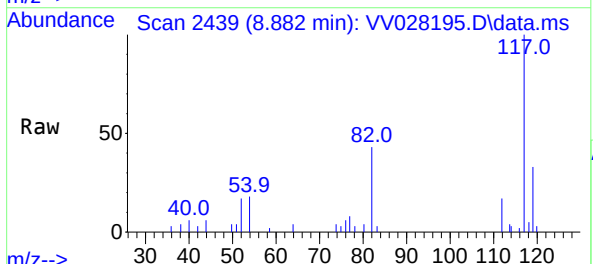
Tgt Ion:112 Resp: 1288

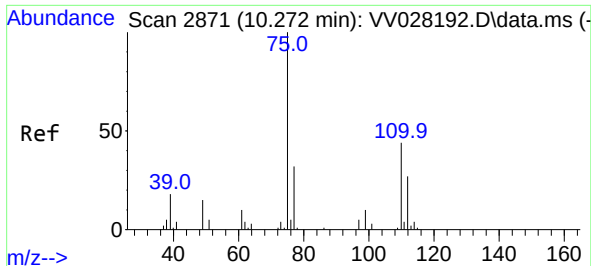
Ion Ratio Lower Upper

112 100

114 17.9 22.5 41.7#

77 47.3 46.1 69.1

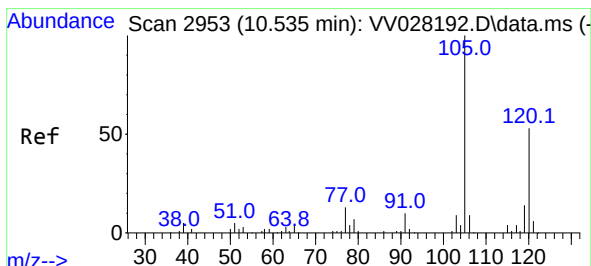
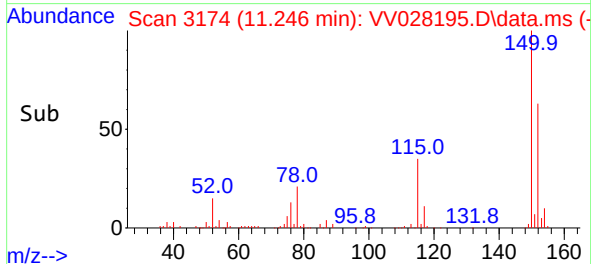
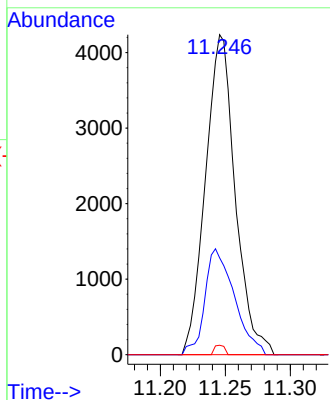
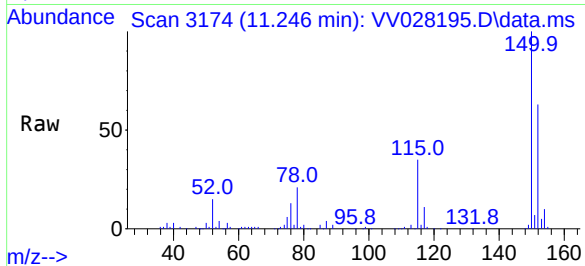




#61
1,2,3-Trichloropropane
Concen: 1.152 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV028195.D
Acq: 29 Sep 2022 18:52

Instrument :
MSVOA_V
ClientSampleId :
EW842

Tgt Ion: 75 Resp: 6743
Ion Ratio Lower Upper
75 100
77 32.9 26.7 40.1
110 1.0 30.1 45.1#



#62
1,3,5-Trimethylbenzene
Concen: 0.038 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.386 min
Lab File: VV028195.D
Acq: 29 Sep 2022 18:52

Tgt Ion: 105 Resp: 436
Ion Ratio Lower Upper
105 100
120 46.8 40.6 61.0

