

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028245.D
 Acq On : 30 Sep 2022 23:18
 Operator : SY/MD
 Sample : N4865-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW846

Quant Time: Oct 01 02:18:39 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)

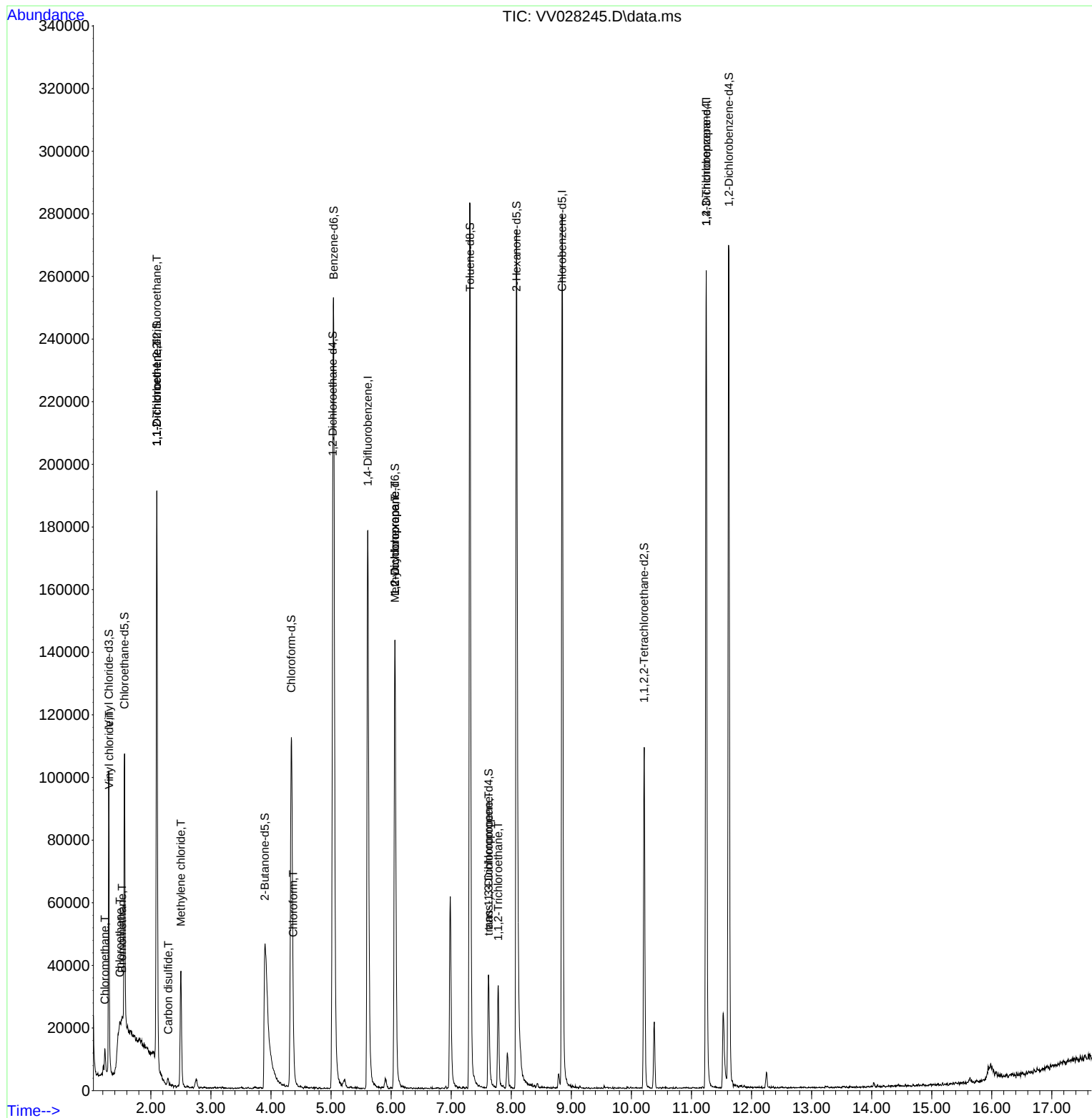
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	167012	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	168581	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77082	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	62578	3.614	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.561	69	56954	4.137	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.098	63	92347	3.075	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.600%
20) 2-Butanone-d5	3.899	46	132018	45.163	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.320%
24) Chloroform-d	4.339	84	124054	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.027	65	58088	4.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.043	84	243356	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.063	67	73833	4.284	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.313	98	200919	4.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.622	79	24092	3.870	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.088	63	109261	42.056	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.120%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52954	4.496	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	75969	5.025	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						Qvalue
3) Chloromethane	1.233	50	6014	0.364	ug/L	96
5) Vinyl chloride	1.304	62	777	0.060	ug/L #	1
6) Bromomethane	1.519	94	572	0.068	ug/L #	58
8) Chloroethane	1.484	64	35222	4.056	ug/L #	49
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	1124	0.095	ug/L #	24
12) 1,1-Dichloroethene	2.098	96	1175	0.102	ug/L #	1
14) Carbon disulfide	2.288	76	2274	0.103	ug/L	95
16) Methylene chloride	2.500	84	15720	1.220	ug/L	91
25) Chloroform	4.368	83	3160	0.134	ug/L	85
35) Methylcyclohexane	6.066	83	18525	1.159	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	7531	0.574	ug/L #	87
44) trans-1,3-Dichloropropene	7.625	75	1013	0.072	ug/L	88
45) 1,1,2-Trichloroethane	7.783	97	551	0.063	ug/L #	16
61) 1,2,3-Trichloropropane	11.246	75	7362	1.139	ug/L #	69

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

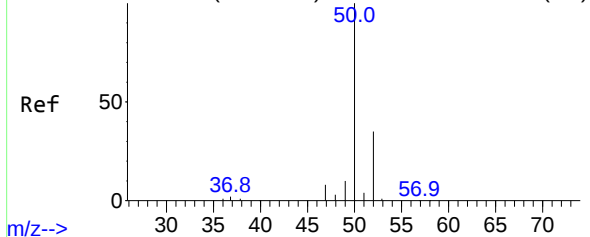
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
Data File : VV028245.D
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QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration



Abundance Scan 61 (1.236 min): VV028241.D\data.ms (-53)



#3

Chloromethane

Concen: 0.364 ug/L

RT: 1.233 min Scan# 60

Delta R.T. -0.003 min

Lab File: VV028245.D

Acq: 30 Sep 2022 23:18

Instrument :

MSVOA_V

ClientSampleId :

EW846

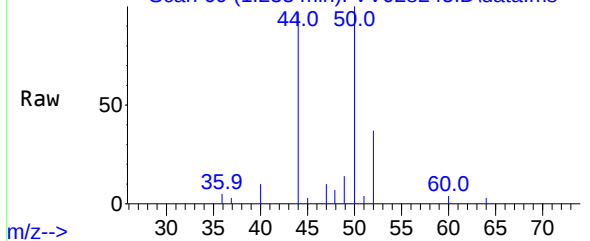
Tgt Ion: 50 Resp: 6014

Ion Ratio Lower Upper

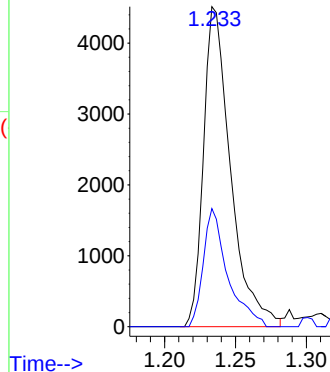
50 100

52 36.9 24.4 45.2

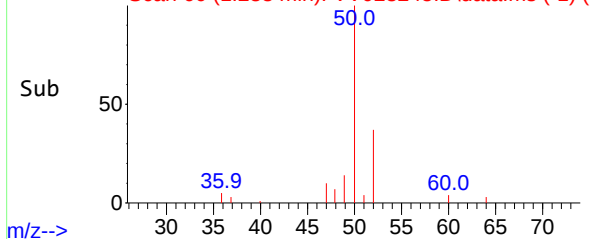
Abundance Scan 60 (1.233 min): VV028245.D\data.ms



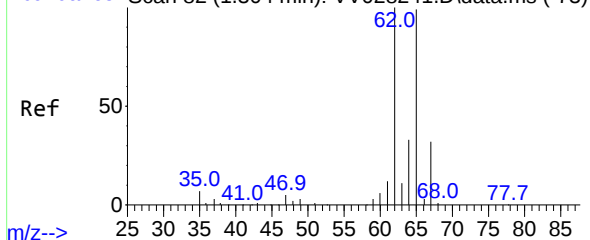
Abundance



Abundance Scan 60 (1.233 min): VV028245.D\data.ms (-1)



Abundance Scan 82 (1.304 min): VV028241.D\data.ms (-73)



#5

Vinyl chloride

Concen: 0.060 ug/L

RT: 1.304 min Scan# 82

Delta R.T. -0.000 min

Lab File: VV028245.D

Acq: 30 Sep 2022 23:18

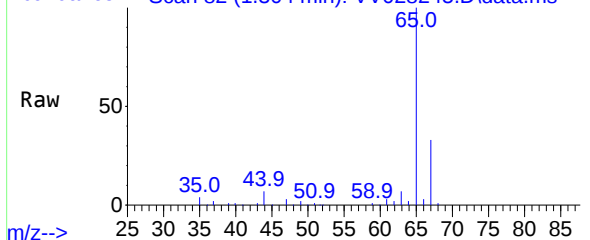
Tgt Ion: 62 Resp: 777

Ion Ratio Lower Upper

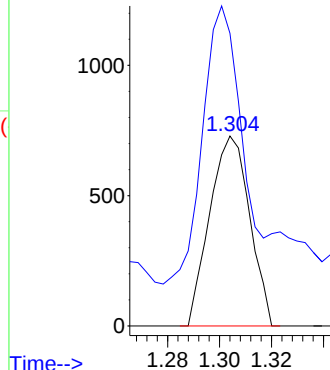
62 100

64 154.0 23.0 42.8#

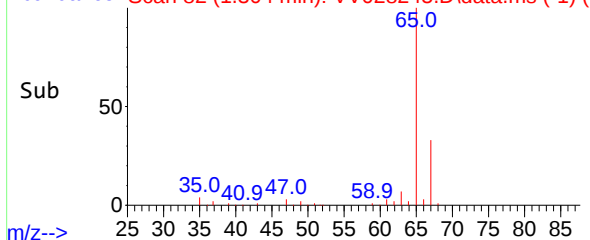
Abundance Scan 82 (1.304 min): VV028245.D\data.ms

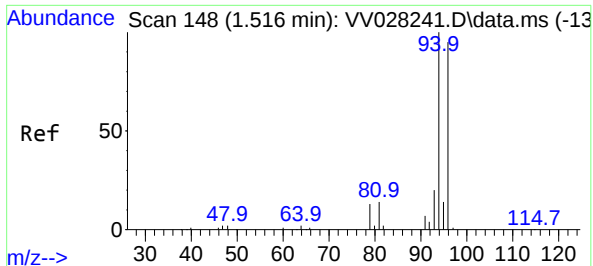


Abundance



Abundance Scan 82 (1.304 min): VV028245.D\data.ms (-1)

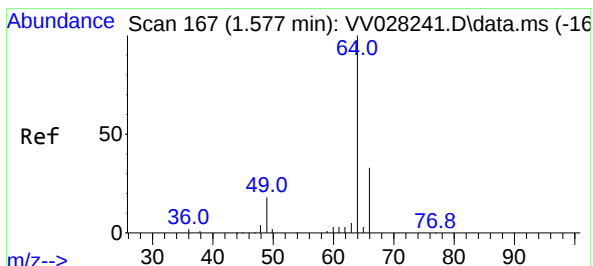
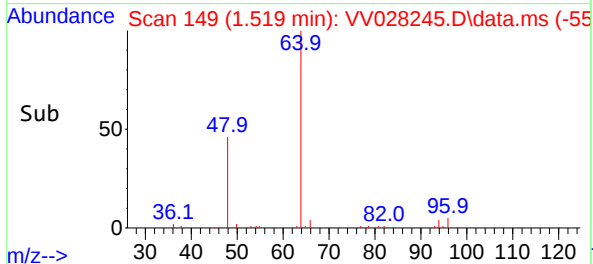
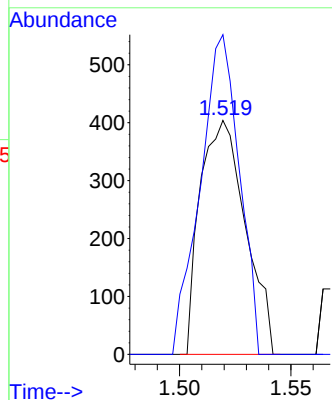
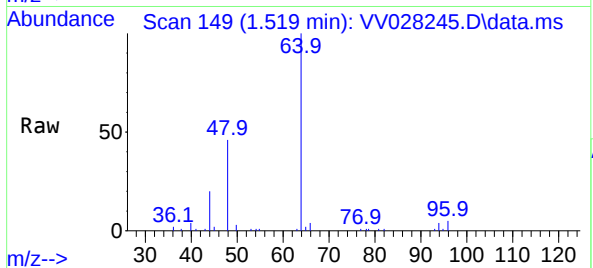




#6
Bromomethane
Concen: 0.068 ug/L
RT: 1.519 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV028245.D
Acq: 30 Sep 2022 23:18

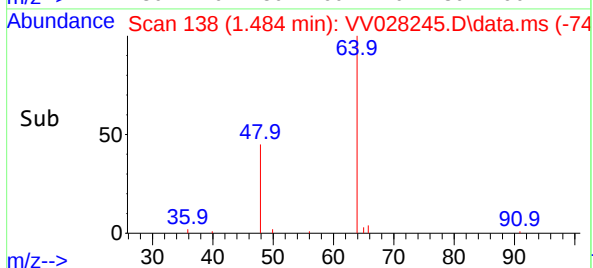
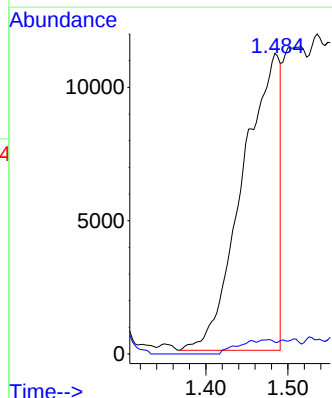
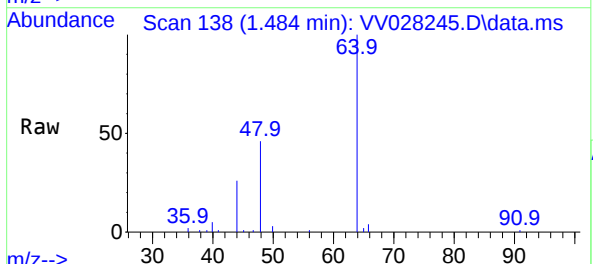
Instrument :
MSVOA_V
ClientSampleId :
EW846

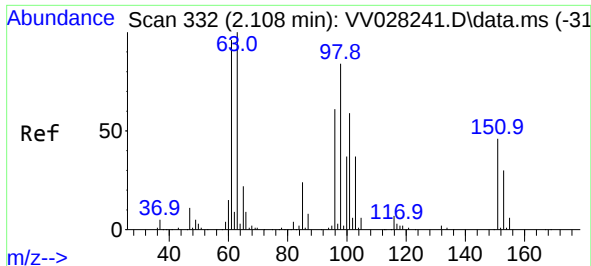
Tgt Ion: 94 Resp: 572
Ion Ratio Lower Upper
94 100
96 136.6 66.7 123.9#



#8
Chloroethane
Concen: 4.056 ug/L
RT: 1.484 min Scan# 138
Delta R.T. -0.093 min
Lab File: VV028245.D
Acq: 30 Sep 2022 23:18

Tgt Ion: 64 Resp: 35222
Ion Ratio Lower Upper
64 100
66 3.9 23.0 42.8#

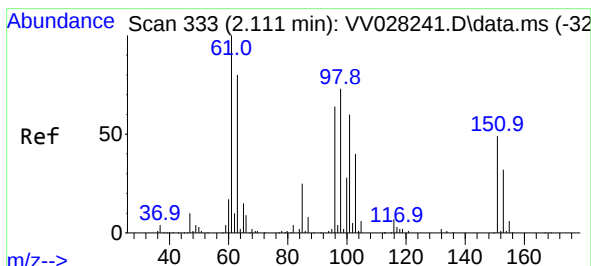
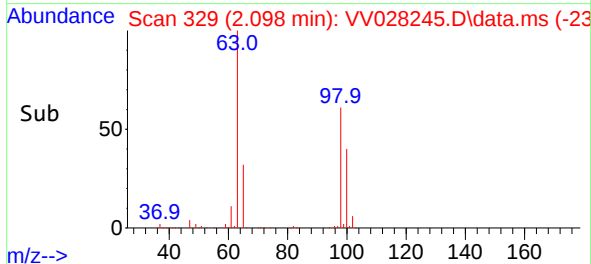
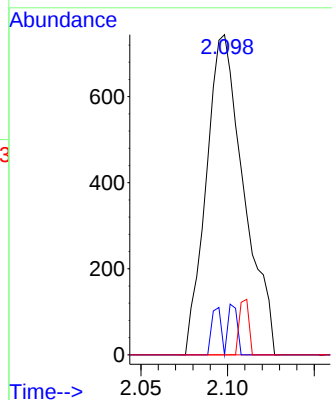
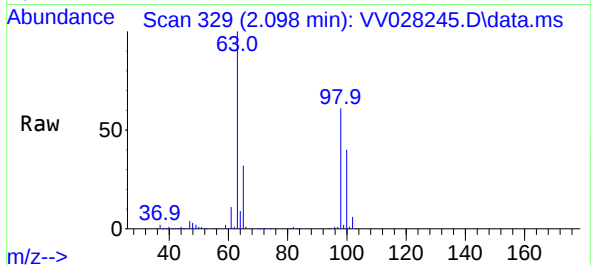




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.095 ug/L
RT: 2.098 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV028245.D
Acq: 30 Sep 2022 23:18

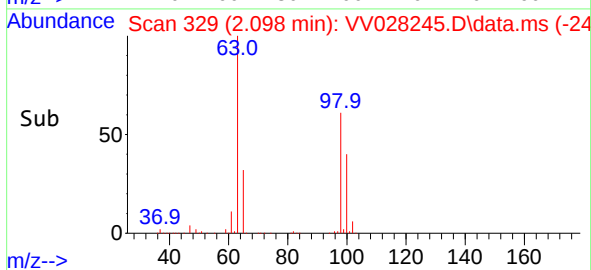
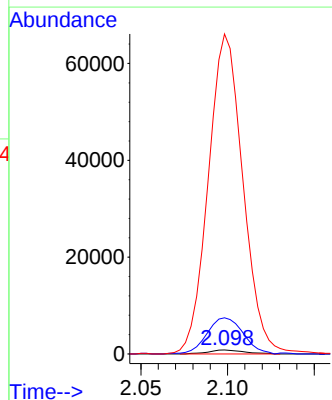
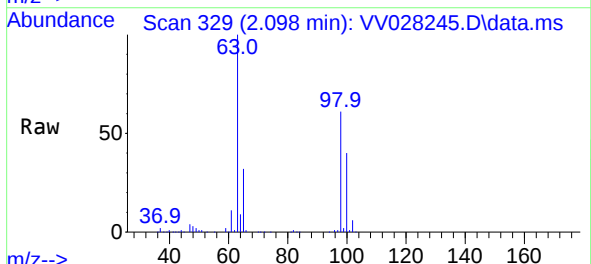
Instrument :
MSVOA_V
ClientSampleId :
EW846

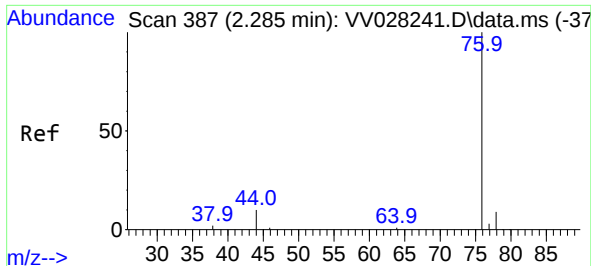
Tgt Ion:101 Resp: 1124
Ion Ratio Lower Upper
101 100
85 3.9 34.4 51.6#
151 4.3 61.1 91.7#



#12
1,1-Dichloroethene
Concen: 0.102 ug/L
RT: 2.098 min Scan# 329
Delta R.T. -0.013 min
Lab File: VV028245.D
Acq: 30 Sep 2022 23:18

Tgt Ion: 96 Resp: 1175
Ion Ratio Lower Upper
96 100
61 906.9 128.3 238.3#
63 8011.6 112.7 209.3#

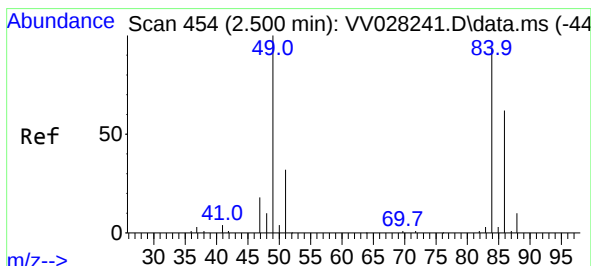
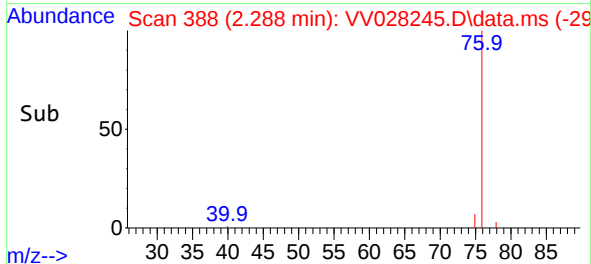
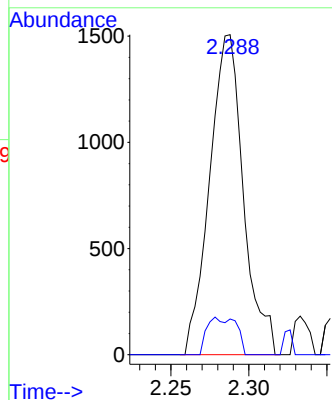
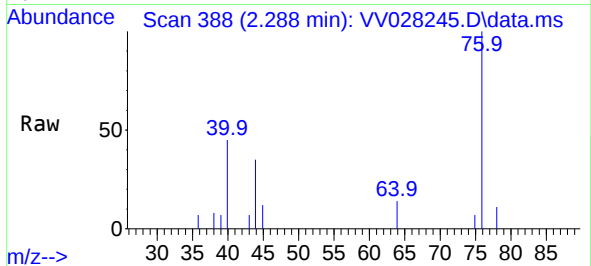




#14
Carbon disulfide
Concen: 0.103 ug/L
RT: 2.288 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028245.D
Acq: 30 Sep 2022 23:18

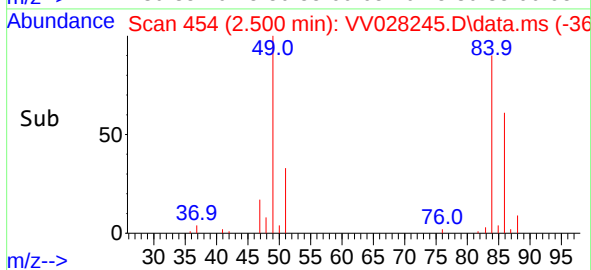
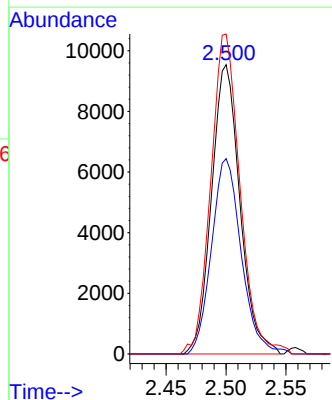
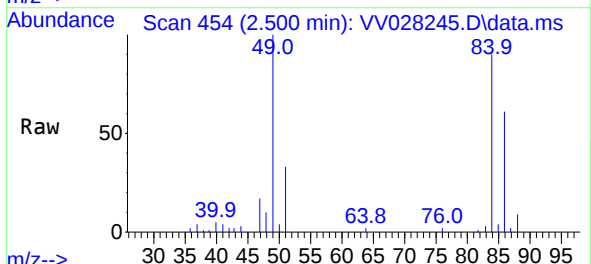
Instrument :
MSVOA_V
ClientSampleId :
EW846

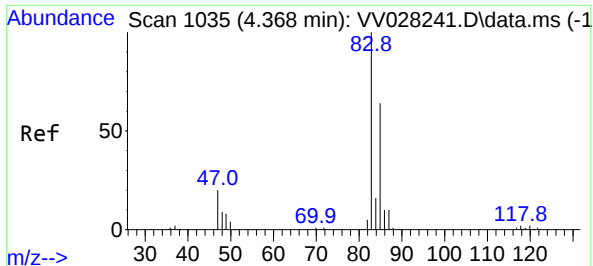
Tgt Ion: 76 Resp: 2274
Ion Ratio Lower Upper
76 100
78 11.1 7.6 11.4



#16
Methylene chloride
Concen: 1.220 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028245.D
Acq: 30 Sep 2022 23:18

Tgt Ion: 84 Resp: 15720
Ion Ratio Lower Upper
84 100
86 67.5 46.8 86.8
49 110.6 87.5 162.5





#25

Chloroform

Concen: 0.134 ug/L

RT: 4.368 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV028245.D

Acq: 30 Sep 2022 23:18

Instrument :

MSVOA_V

ClientSampleId :

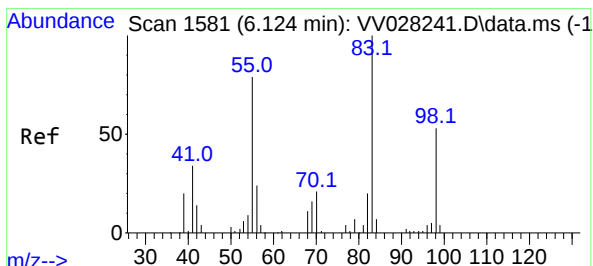
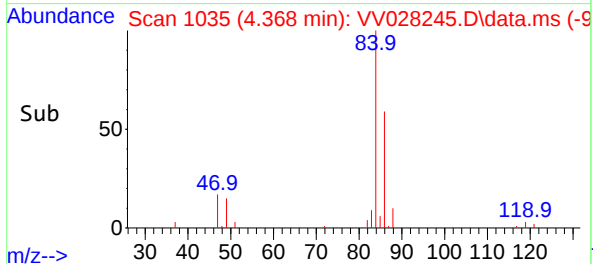
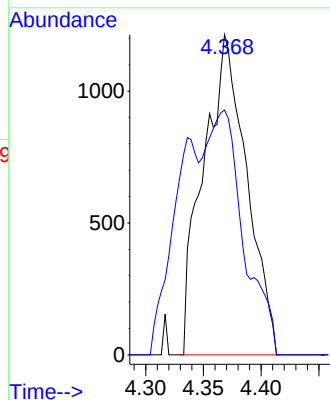
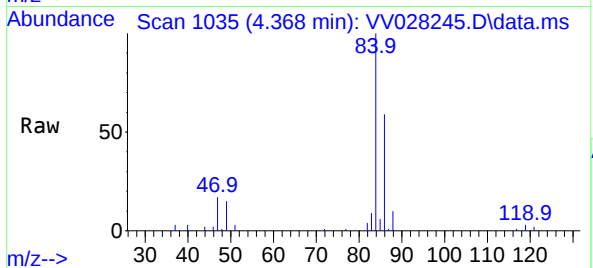
EW846

Tgt Ion: 83 Resp: 3160

Ion Ratio Lower Upper

83 100

85 76.4 45.1 83.7



#35

Methylcyclohexane

Concen: 1.159 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.055 min

Lab File: VV028245.D

Acq: 30 Sep 2022 23:18

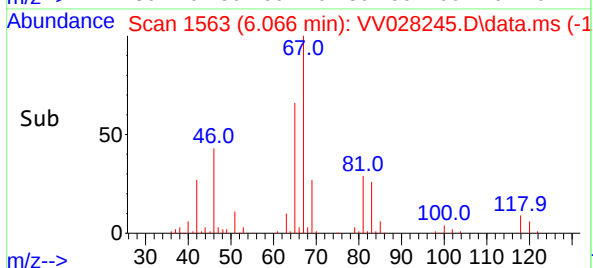
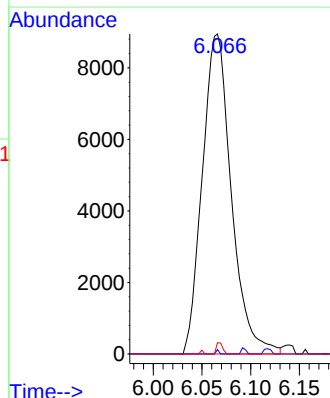
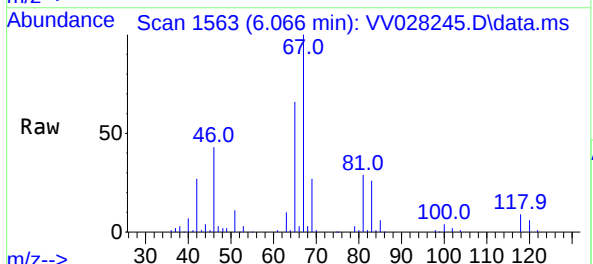
Tgt Ion: 83 Resp: 18525

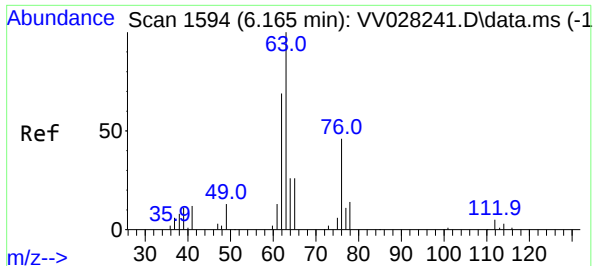
Ion Ratio Lower Upper

83 100

55 0.1 64.7 97.1#

98 0.8 39.5 59.3#

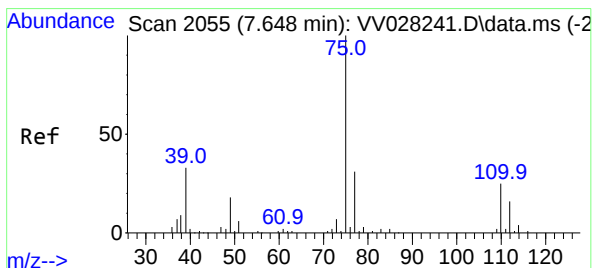
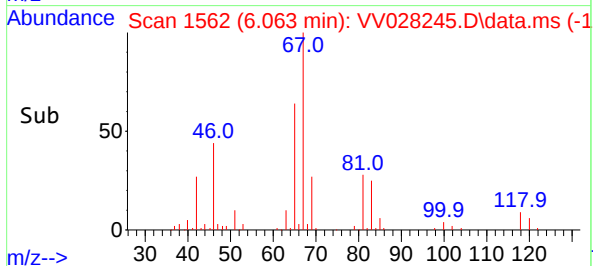
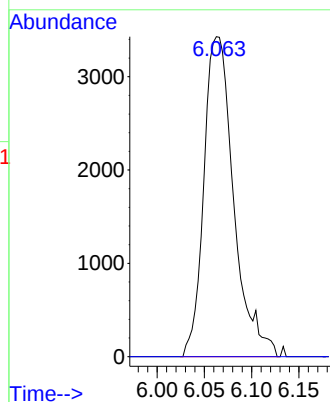
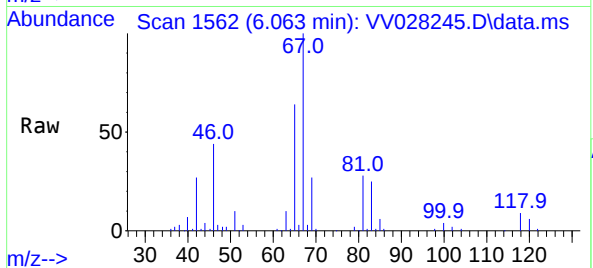




#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028245.D
Acq: 30 Sep 2022 23:18

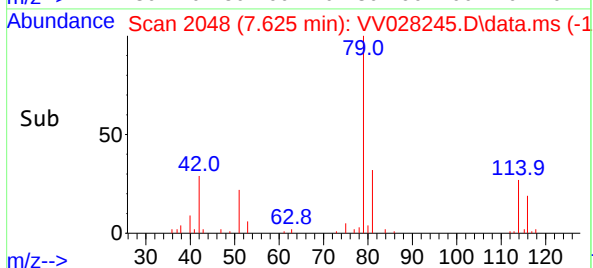
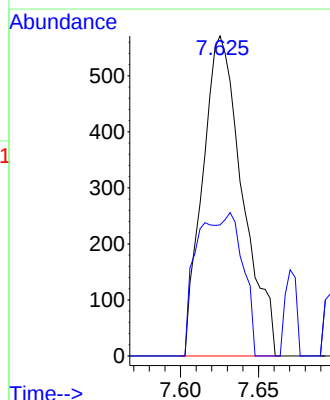
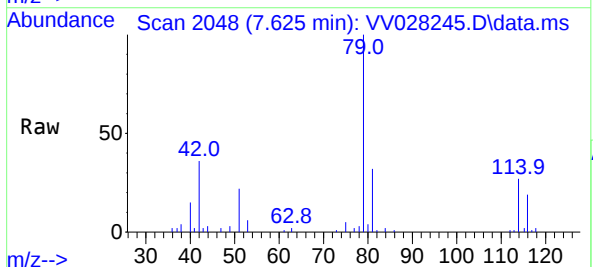
Instrument :
MSVOA_V
ClientSampleId :
EW846

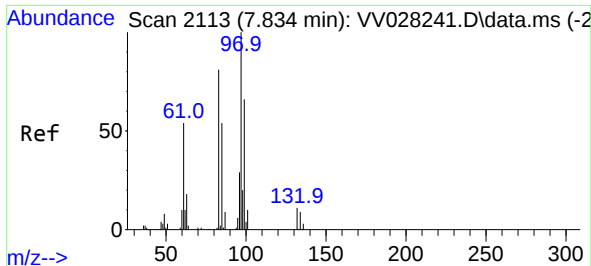
Tgt Ion: 63 Resp: 7531
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#44
trans-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.019 min
Lab File: VV028245.D
Acq: 30 Sep 2022 23:18

Tgt Ion: 75 Resp: 1013
Ion Ratio Lower Upper
75 100
77 41.0 23.9 44.3

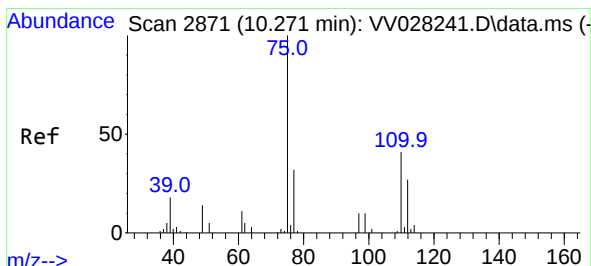
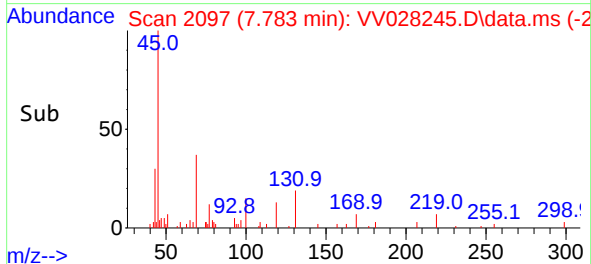
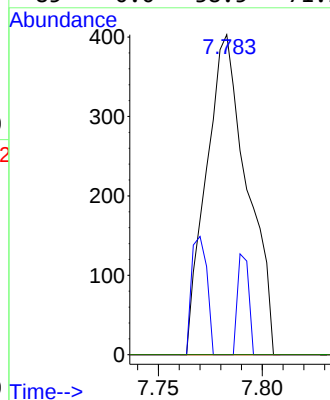
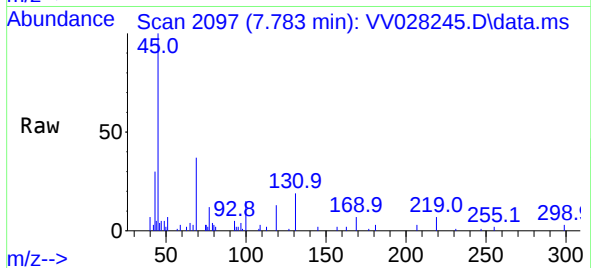




#45
1,1,2-Trichloroethane
Concen: 0.063 ug/L
RT: 7.783 min Scan# 20
Delta R.T. -0.051 min
Lab File: VV028245.D
Acq: 30 Sep 2022 23:18

Instrument :
MSVOA_V
ClientSampleId :
EW846

Tgt Ion: 97	Resp: 551
Ion Ratio	Lower Upper
97 100	
99 0.0	43.2 80.2#
83 0.0	59.1 109.9#
85 0.0	38.5 71.5#



#61
1,2,3-Trichloropropane
Concen: 1.139 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV028245.D
Acq: 30 Sep 2022 23:18

Tgt Ion: 75	Resp: 7362
Ion Ratio	Lower Upper
75 100	
77 33.4	26.7 40.1
110 2.0	30.1 45.1#

