

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
 Data File : VV028143.D
 Acq On : 27 Sep 2022 16:42
 Operator : SY/MD
 Sample : N4856-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H30

Quant Time: Sep 28 03:12:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 28 03:08:11 2022
 Response via : Initial Calibration

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

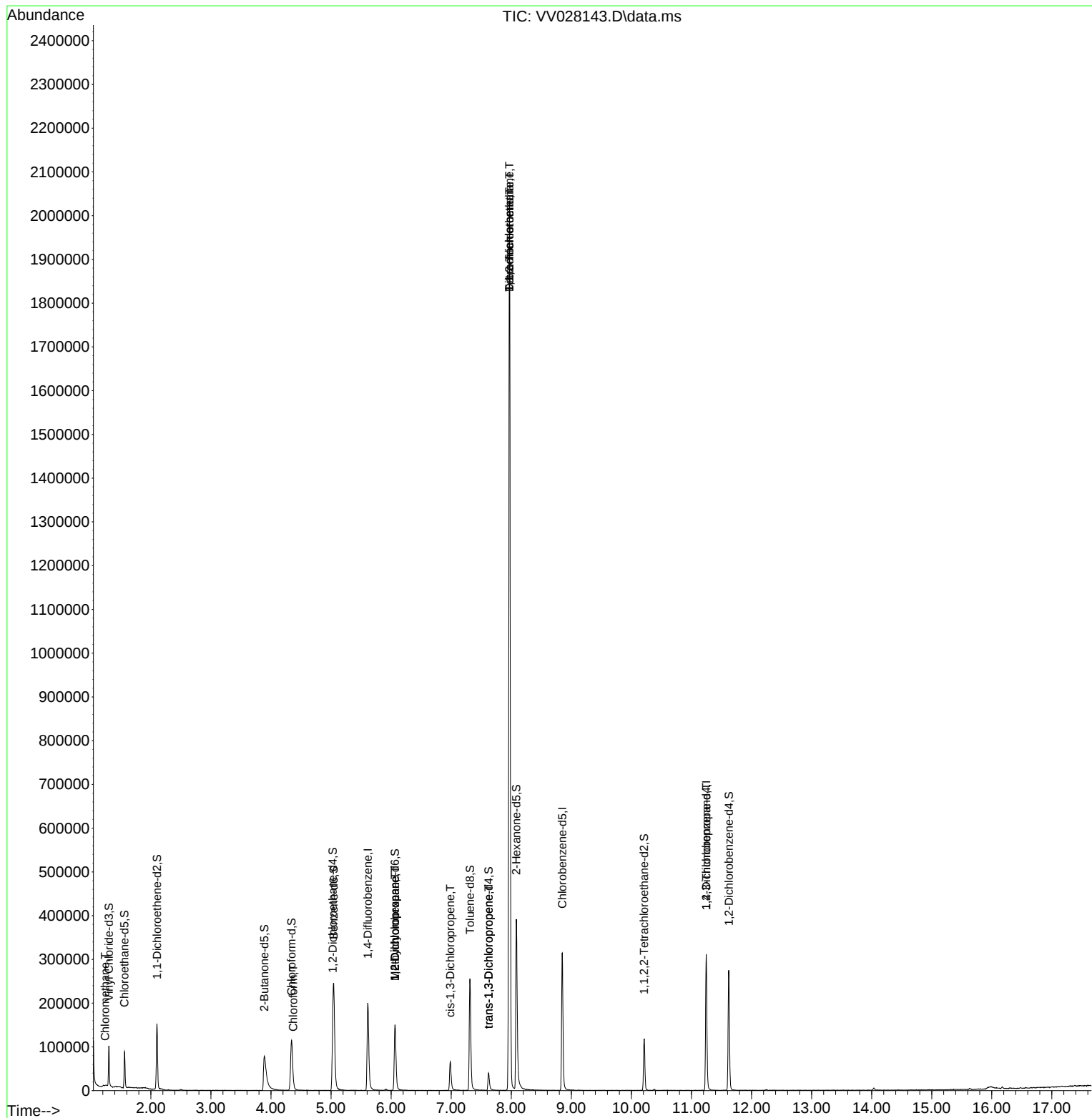
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	180235	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	180230	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	86394	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	57787	3.093	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.561	69	52621	3.542	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.800%
11) 1,1-Dichloroethene-d2	2.101	63	78368	2.418	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.400%#
20) 2-Butanone-d5	3.889	46	163840	51.937	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.880%
24) Chloroform-d	4.342	84	125266	4.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.027	65	64275	4.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.043	84	226613	3.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	6.066	67	76396	4.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.313	98	178379	3.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.600%#
43) trans-1,3-Dichloroprop...	7.622	79	25047	3.764	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.200%
46) 2-Hexanone-d5	8.085	63	141874	51.079	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.160%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	57436	4.561	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	75724	4.469	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	708	0.040	ug/L #	75
25) Chloroform	4.371	83	2355	0.092	ug/L	96
35) Methylcyclohexane	6.066	83	19199	1.124	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	8026	0.572	ug/L #	87
39) cis-1,3-Dichloropropene	6.985	75	1749	0.100	ug/L #	50
44) trans-1,3-Dichloropropene	7.622	75	1095	0.073	ug/L	82
45) 1,1,2-Trichloroethane	7.969	97	3623	0.385	ug/L #	1
47) Tetrachloroethene	7.969	164	461599	46.419	ug/L	98
49) Dibromochloromethane	7.969	129	408136	36.093	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	9081	1.253	ug/L #	68

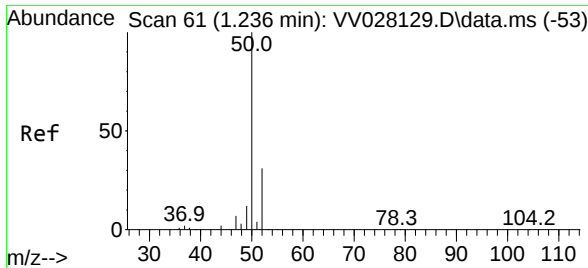
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
Data File : VV028143.D
Acq On : 27 Sep 2022 16:42
Operator : SY/MD
Sample : N4856-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5H30

Quant Time: Sep 28 03:12:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 28 03:08:11 2022
Response via : Initial Calibration

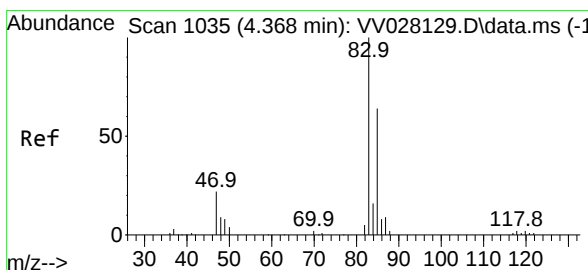
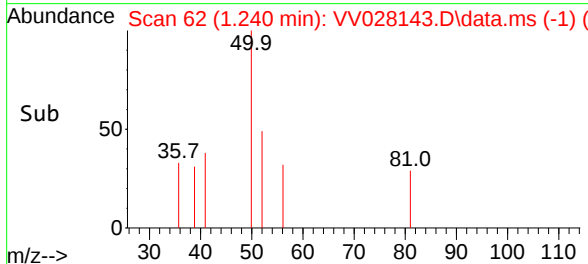
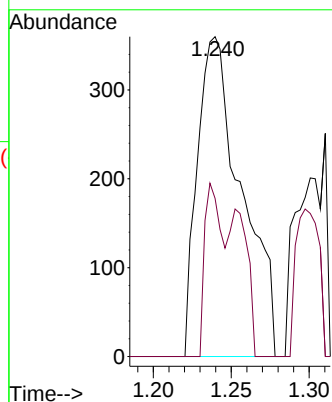
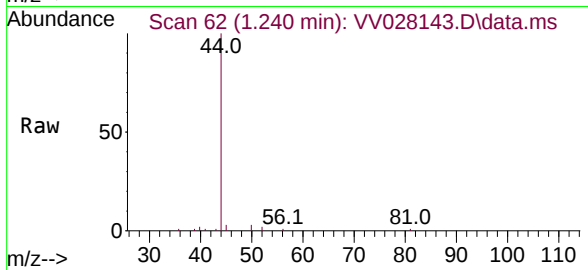




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028143.D
Acq: 27 Sep 2022 16:42

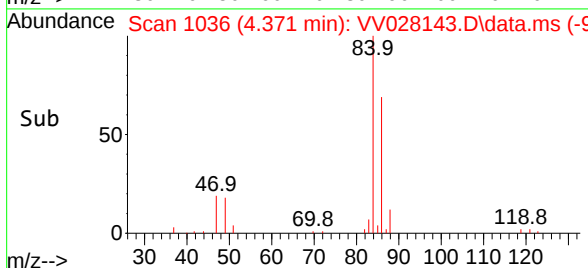
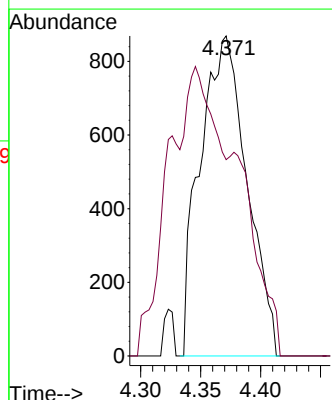
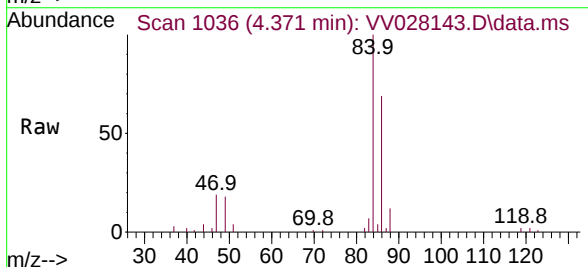
Instrument :
MSVOA_V
ClientSampleId :
F5H30

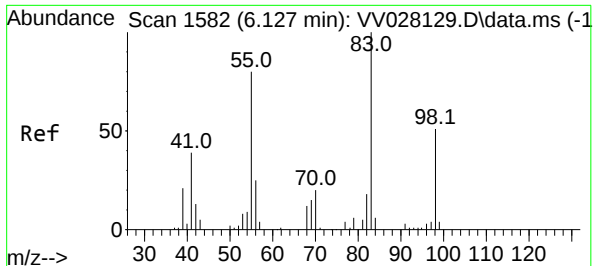
Tgt Ion: 50 Resp: 708
Ion Ratio Lower Upper
50 100
52 49.4 24.4 45.2#



#25
Chloroform
Concen: 0.092 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV028143.D
Acq: 27 Sep 2022 16:42

Tgt Ion: 83 Resp: 2355
Ion Ratio Lower Upper
83 100
85 61.3 45.1 83.7





#35

Methylcyclohexane

Concen: 1.124 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV028143.D

Acq: 27 Sep 2022 16:42

Instrument :

MSVOA_V

ClientSampleId :

F5H30

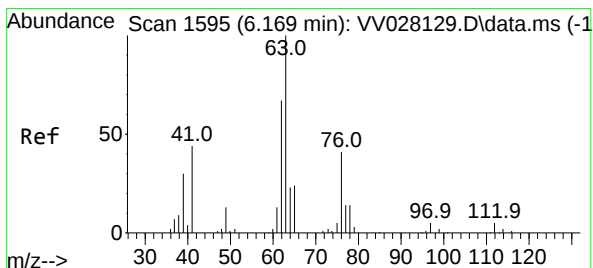
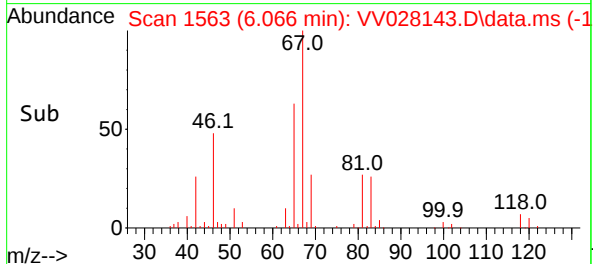
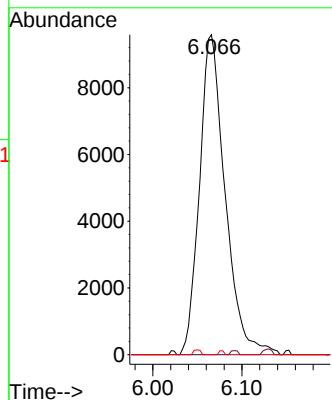
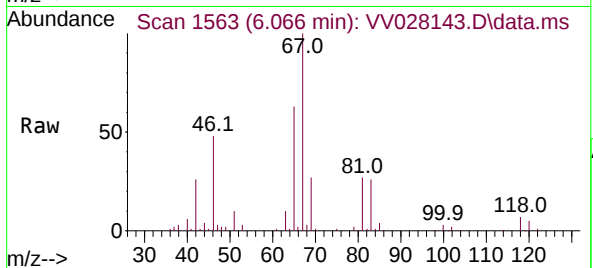
Tgt Ion: 83 Resp: 19199

Ion Ratio Lower Upper

83 100

55 0.3 64.7 97.1#

98 0.2 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.572 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.106 min

Lab File: VV028143.D

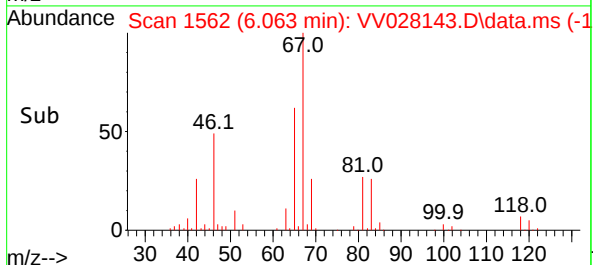
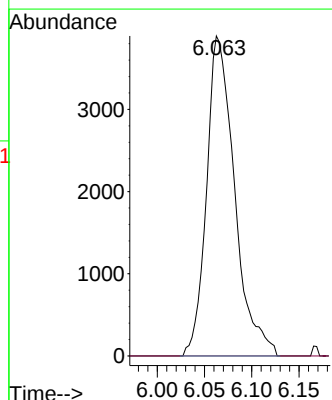
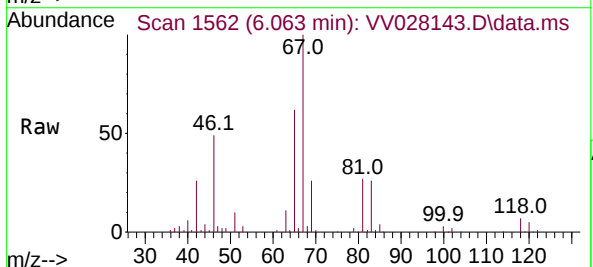
Acq: 27 Sep 2022 16:42

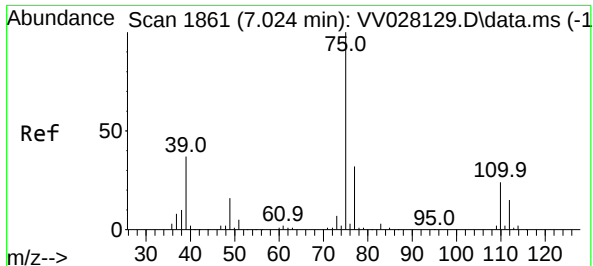
Tgt Ion: 63 Resp: 8026

Ion Ratio Lower Upper

63 100

112 0.2 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV028143.D

Acq: 27 Sep 2022 16:42

Instrument :

MSVOA_V

ClientSampleId :

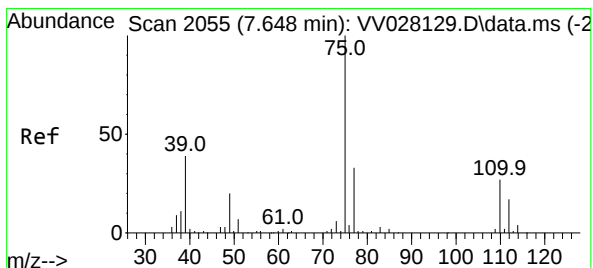
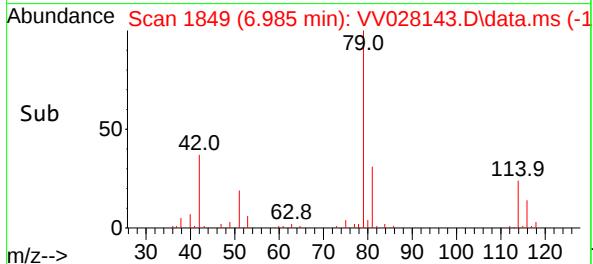
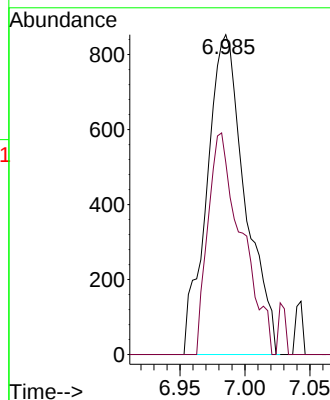
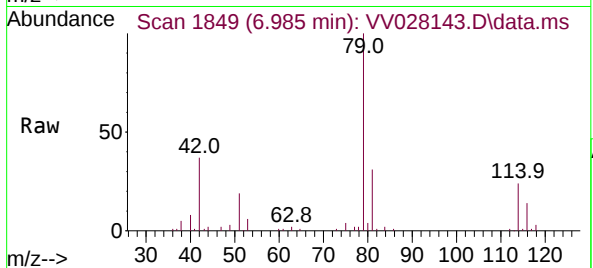
F5H30

Tgt Ion: 75 Resp: 1749

Ion Ratio Lower Upper

75 100

77 60.0 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.026 min

Lab File: VV028143.D

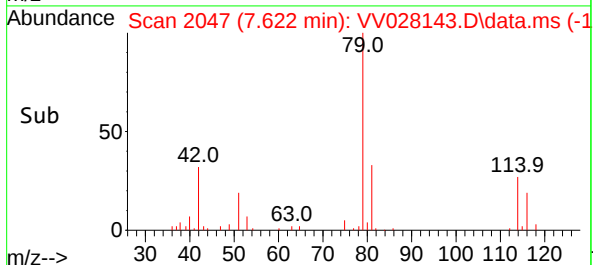
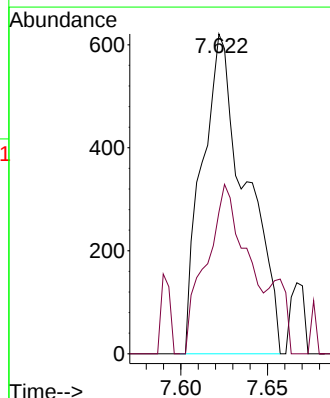
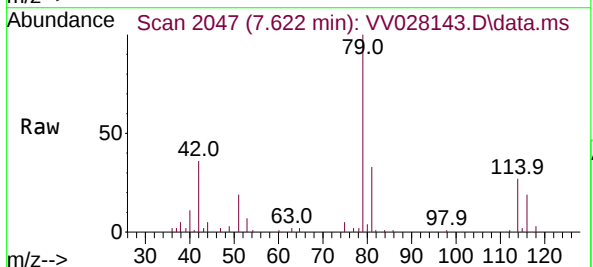
Acq: 27 Sep 2022 16:42

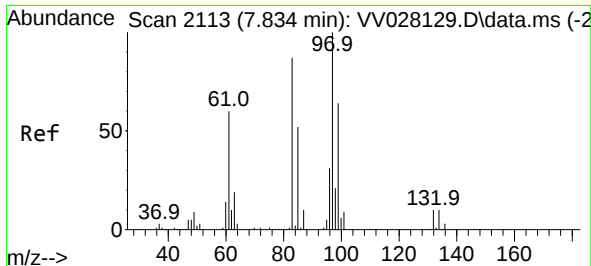
Tgt Ion: 75 Resp: 1095

Ion Ratio Lower Upper

75 100

77 44.3 23.9 44.3





#45

1,1,2-Trichloroethane

Concen: 0.385 ug/L

RT: 7.969 min Scan# 2113

Delta R.T. 0.135 min

Lab File: VV028143.D

Acq: 27 Sep 2022 16:42

Instrument :

MSVOA_V

ClientSampleId :

F5H30

Tgt Ion: 97 Resp: 3623

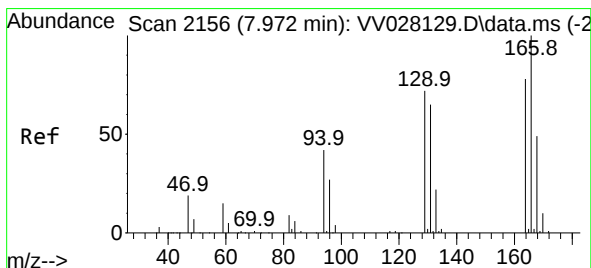
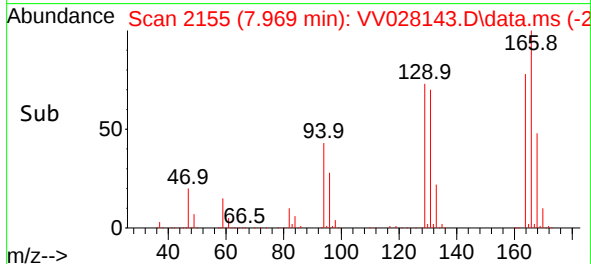
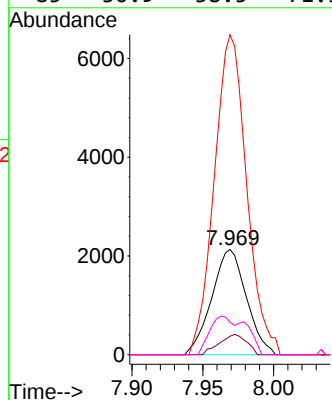
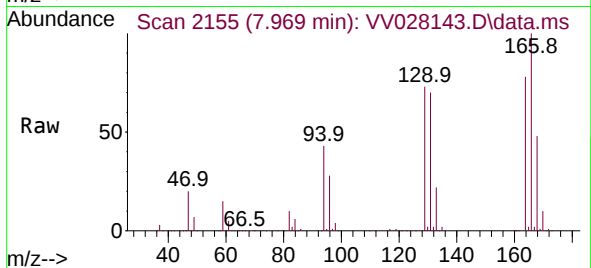
Ion Ratio Lower Upper

97 100

99 17.5 43.2 80.2#

83 304.2 59.1 109.9#

85 30.9 38.5 71.5#



#47

Tetrachloroethene

Concen: 46.419 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.003 min

Lab File: VV028143.D

Acq: 27 Sep 2022 16:42

Tgt Ion:164 Resp: 461599

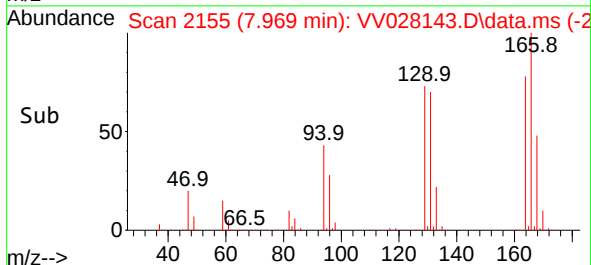
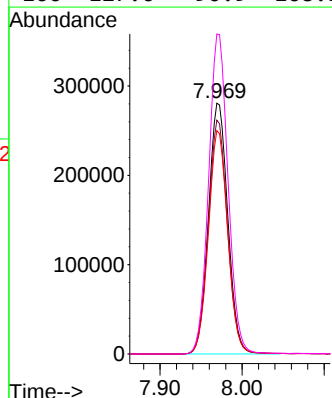
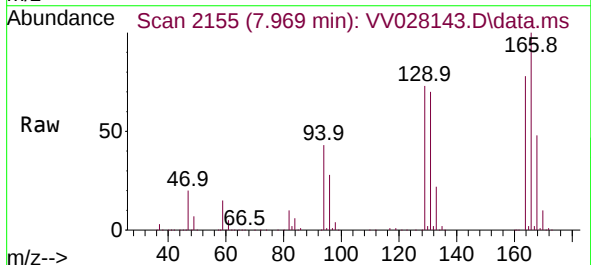
Ion Ratio Lower Upper

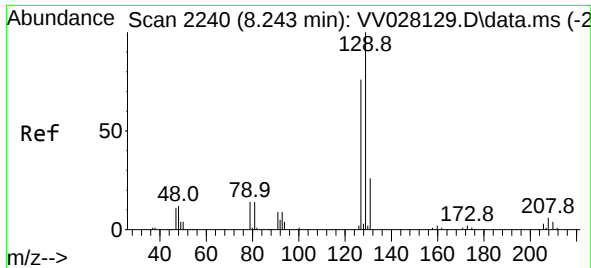
164 100

129 93.3 66.7 123.9

131 89.1 61.7 114.5

166 127.6 90.9 168.9





#49

Dibromochloromethane

Concen: 36.093 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.273 min

Lab File: VV028143.D

Acq: 27 Sep 2022 16:42

Instrument :

MSVOA_V

ClientSampleId :

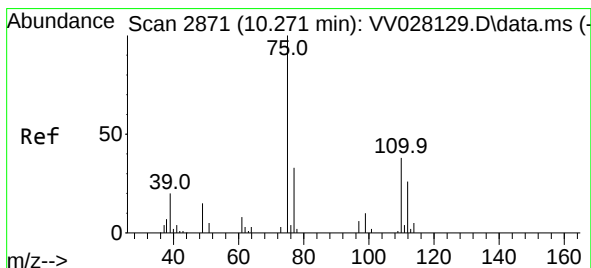
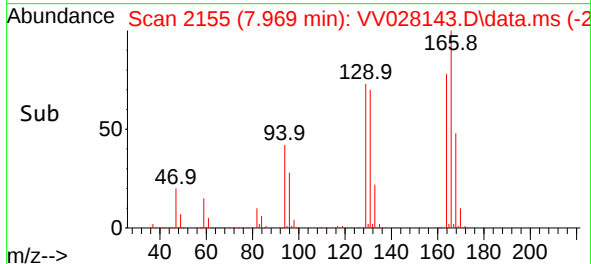
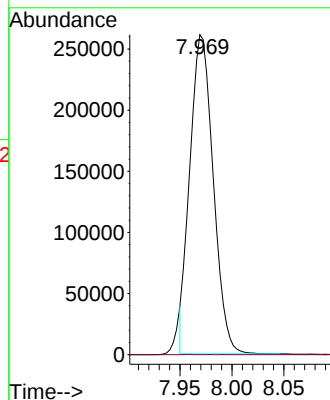
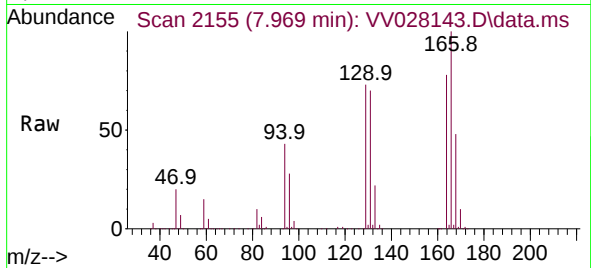
F5H30

Tgt Ion:129 Resp: 408136

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#61

1,2,3-Trichloropropane

Concen: 1.253 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV028143.D

Acq: 27 Sep 2022 16:42

Tgt Ion: 75 Resp: 9081

Ion Ratio Lower Upper

75 100

77 33.0 26.7 40.1

110 1.4 30.1 45.1#

