

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092922\
 Data File : VW028196.D
 Acq On : 29 Sep 2022 19:16
 Operator : SY/MD
 Sample : N4865-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

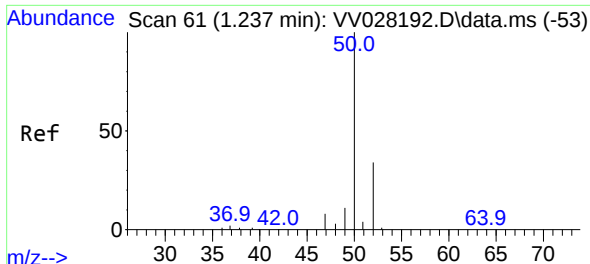
Instrument :
 MSVOA_V
 ClientSampleId :
 EW843

Quant Time: Sep 30 01:49:49 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	160840	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	150252	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69405	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	72125	4.325	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.561	69	59946	4.522	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.101	63	97346	3.366	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	3.889	46	124828	44.342	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.680%
24) Chloroform-d	4.339	84	125166	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.027	65	58819	4.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.043	84	248967	5.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.063	67	70488	4.589	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.310	98	192111	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.622	79	21992	3.964	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.085	63	92277	39.851	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.700%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45151	4.301	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	70749	5.197	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	4699	0.295	ug/L	94
5) Vinyl chloride	1.304	62	1316	0.106	ug/L #	6
8) Chloroethane	1.584	64	1635	0.195	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1128	0.099	ug/L #	21
12) 1,1-Dichloroethene	2.098	96	954	0.086	ug/L #	1
16) Methylene chloride	2.500	84	12078	0.973	ug/L	90
22) cis-1,2-Dichloroethene	3.912	96	1120	0.088	ug/L	75
25) Chloroform	4.365	83	4401	0.193	ug/L	88
35) Methylcyclohexane	6.063	83	17997	1.264	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	7511	0.642	ug/L #	87
61) 1,2,3-Trichloropropane	11.243	75	6181	1.062	ug/L #	68

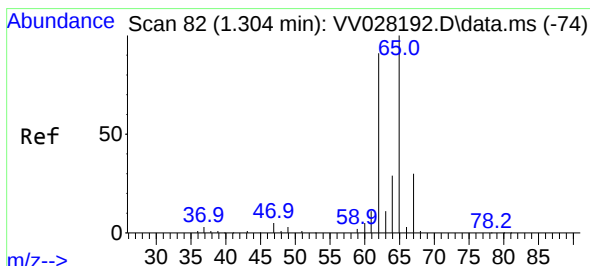
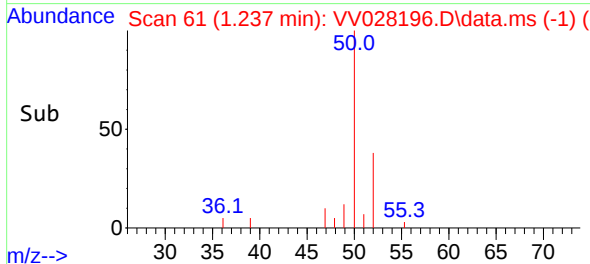
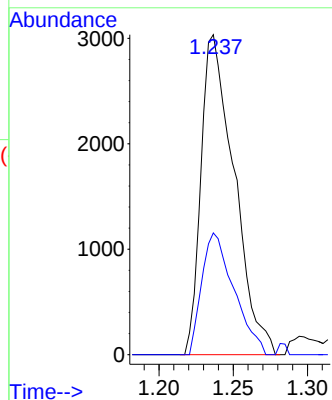
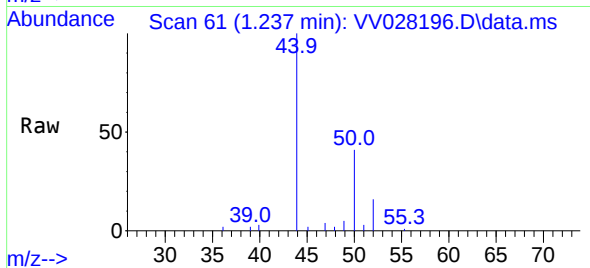
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.295 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028196.D
Acq: 29 Sep 2022 19:16

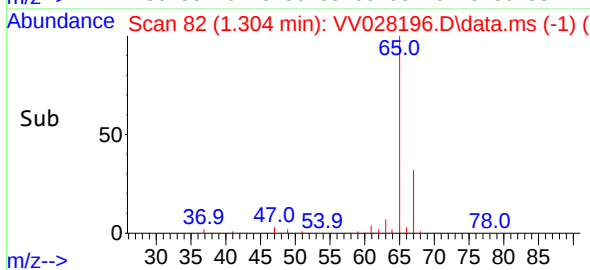
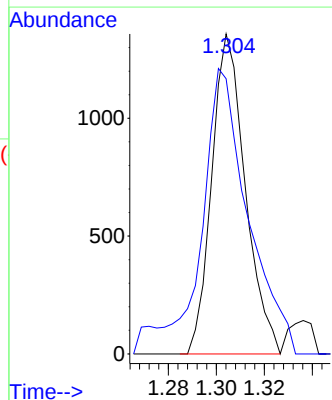
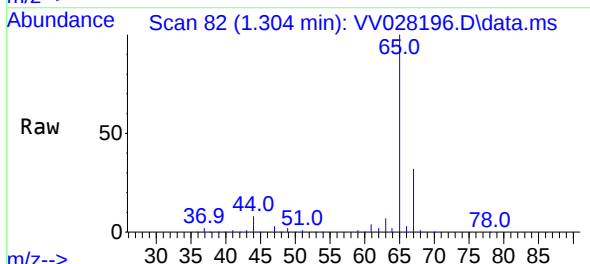
Instrument :
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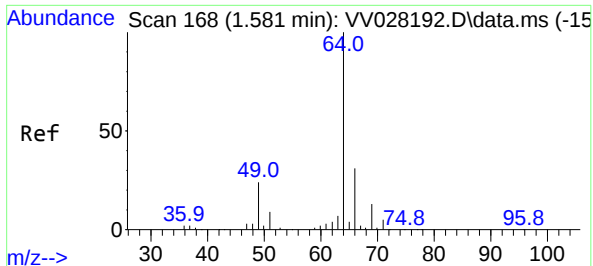
Tgt Ion: 50 Resp: 4699
Ion Ratio Lower Upper
50 100
52 38.1 24.4 45.2



#5
Vinyl chloride
Concen: 0.106 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028196.D
Acq: 29 Sep 2022 19:16

Tgt Ion: 62 Resp: 1316
Ion Ratio Lower Upper
62 100
64 86.0 23.0 42.8#

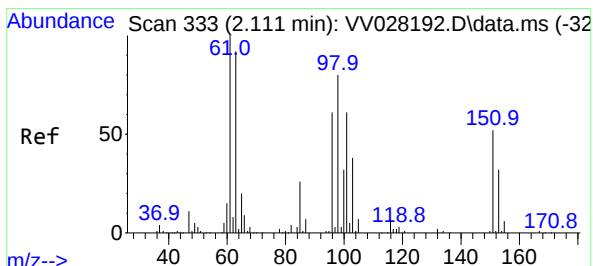
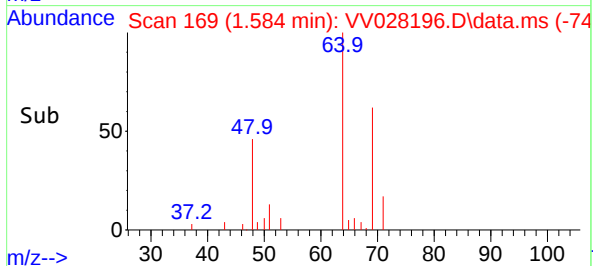
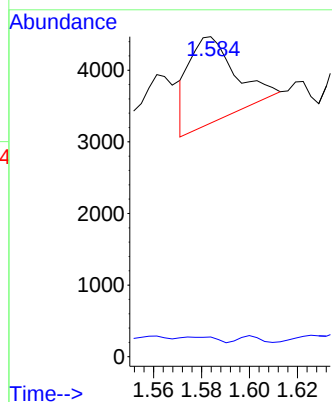
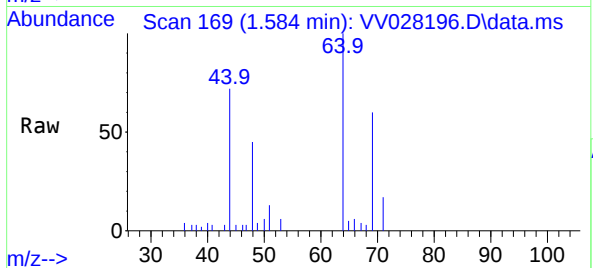




#8
Chloroethane
Concen: 0.195 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV028196.D
Acq: 29 Sep 2022 19:16

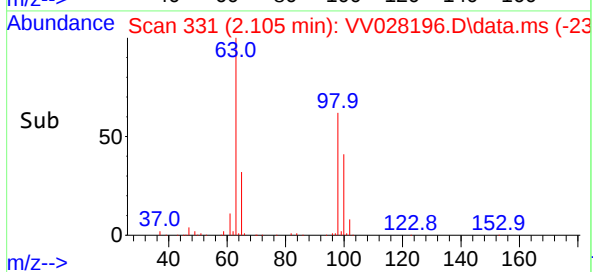
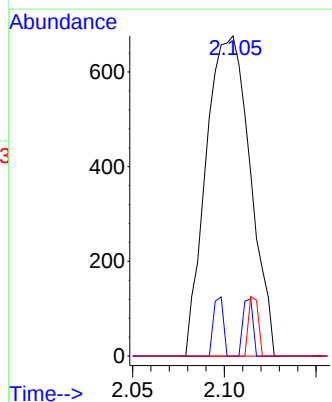
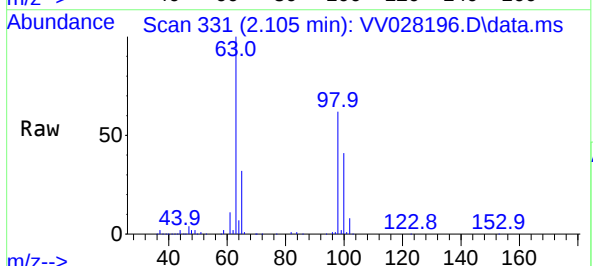
Instrument :
MSVOA_V
ClientSampleId :
EW843

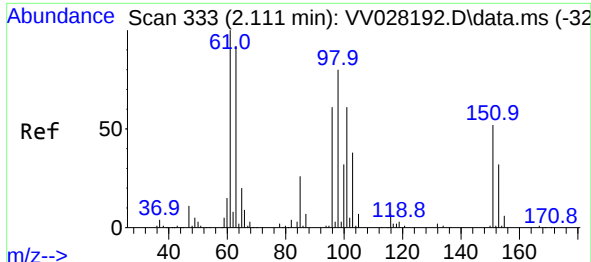
Tgt Ion: 64 Resp: 1635
Ion Ratio Lower Upper
64 100
66 6.1 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.099 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.003 min
Lab File: VV028196.D
Acq: 29 Sep 2022 19:16

Tgt Ion:101 Resp: 1128
Ion Ratio Lower Upper
101 100
85 4.2 34.4 51.6#
151 0.0 61.1 91.7#





#12

1,1-Dichloroethene

Concen: 0.086 ug/L

RT: 2.098 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV028196.D

Acq: 29 Sep 2022 19:16

Instrument :

MSVOA_V

ClientSampleId :

EW843

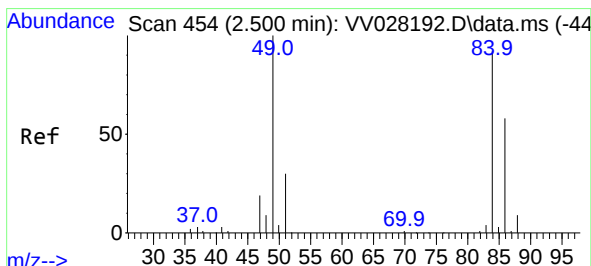
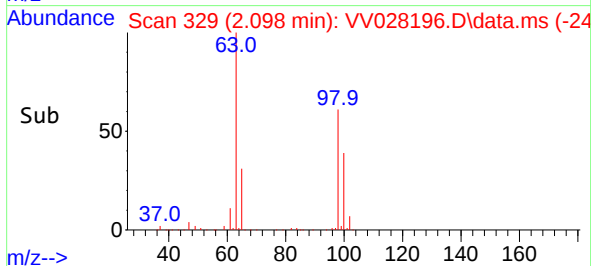
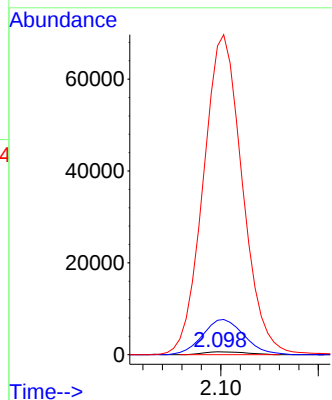
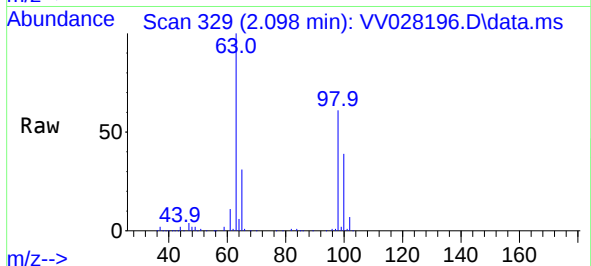
Tgt Ion: 96 Resp: 954

Ion Ratio Lower Upper

96 100

61 1197.6 128.3 238.3#

63 10738.7 112.7 209.3#



#16

Methylene chloride

Concen: 0.973 ug/L

RT: 2.500 min Scan# 454

Delta R.T. 0.003 min

Lab File: VV028196.D

Acq: 29 Sep 2022 19:16

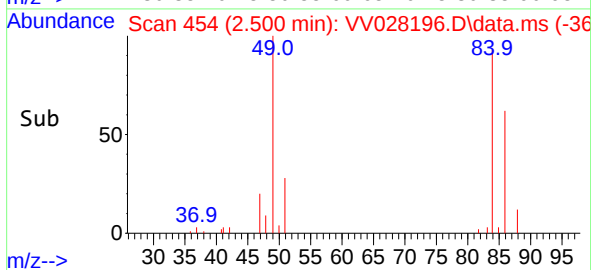
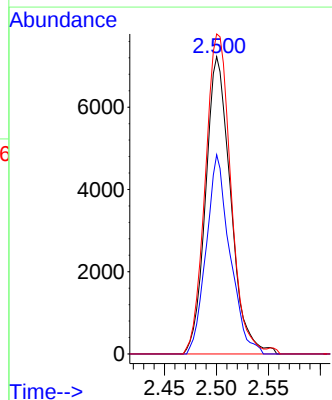
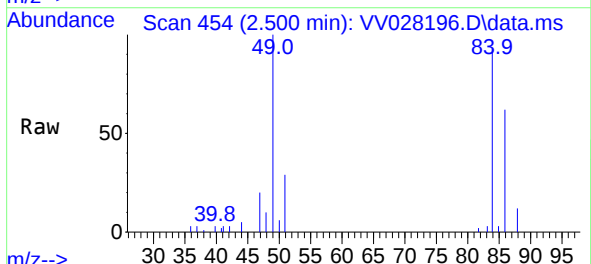
Tgt Ion: 84 Resp: 12078

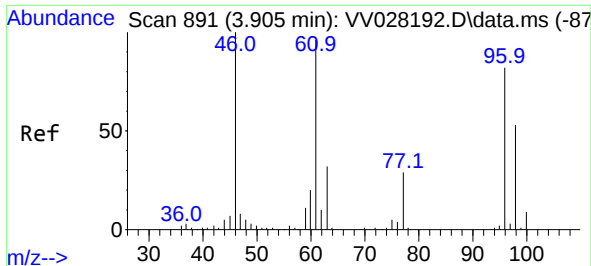
Ion Ratio Lower Upper

84 100

86 67.0 46.8 86.8

49 107.6 87.5 162.5

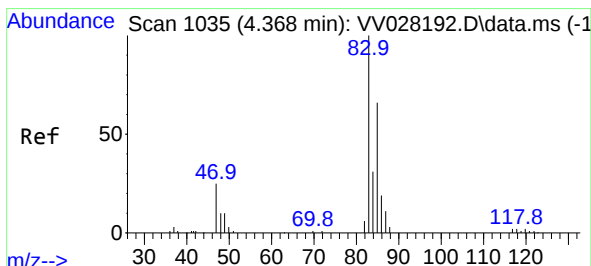
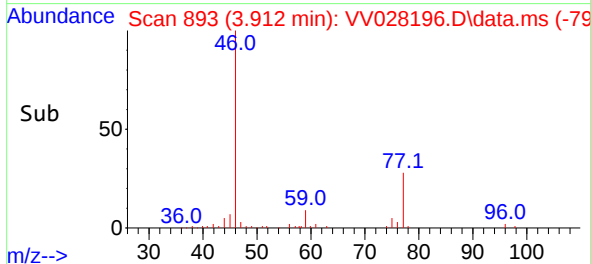
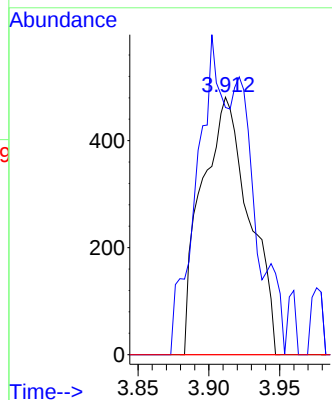
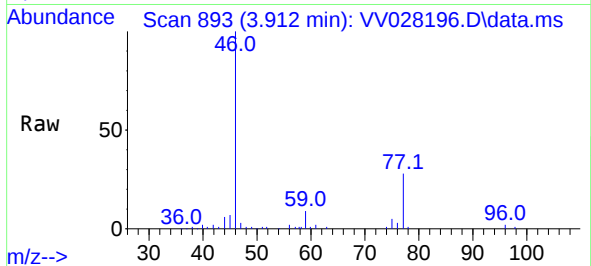




#22
cis-1,2-Dichloroethene
Concen: 0.088 ug/L
RT: 3.912 min Scan# 891
Delta R.T. 0.013 min
Lab File: VV028196.D
Acq: 29 Sep 2022 19:16

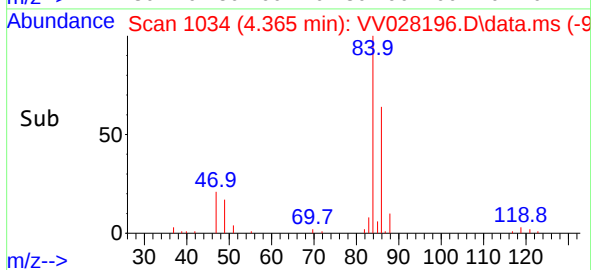
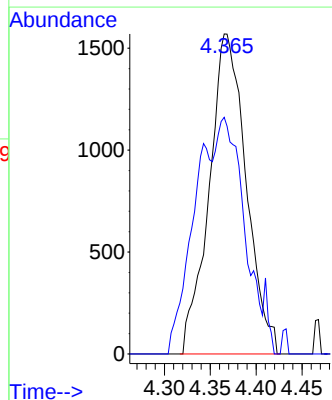
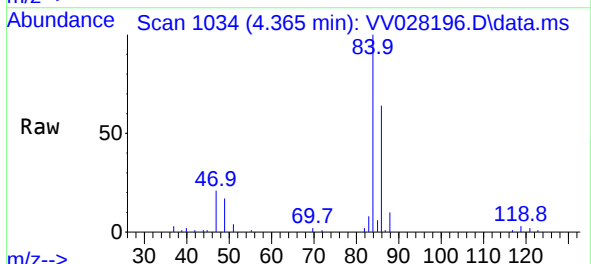
Instrument :
MSVOA_V
ClientSampleId :
EW843

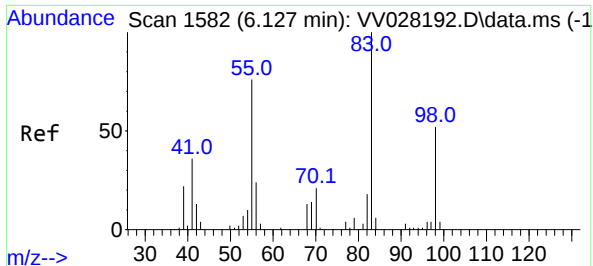
Tgt Ion: 96 Resp: 1120
Ion Ratio Lower Upper
96 100
61 96.0 87.2 161.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.193 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VV028196.D
Acq: 29 Sep 2022 19:16

Tgt Ion: 83 Resp: 4401
Ion Ratio Lower Upper
83 100
85 73.9 45.1 83.7





#35

Methylcyclohexane

Concen: 1.264 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV028196.D

Acq: 29 Sep 2022 19:16

Instrument :

MSVOA_V

ClientSampleId :

EW843

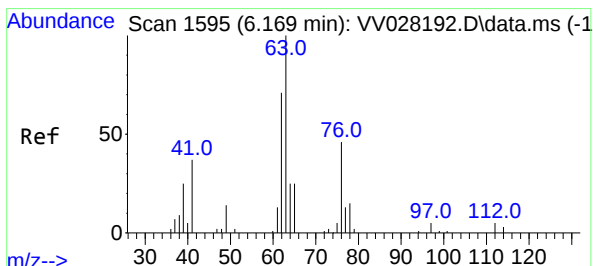
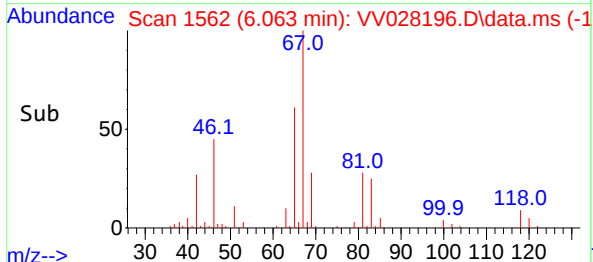
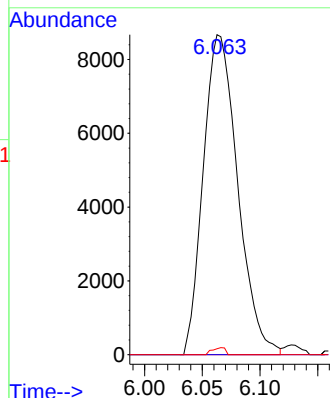
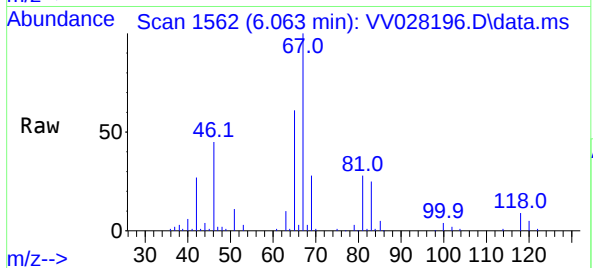
Tgt Ion: 83 Resp: 17997

Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 0.8 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.642 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV028196.D

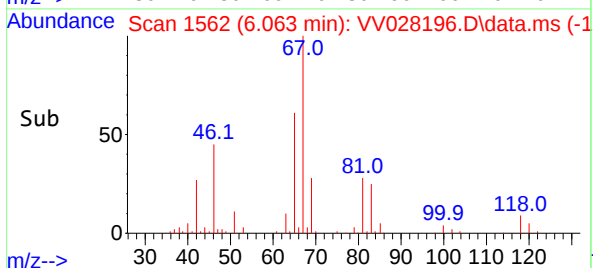
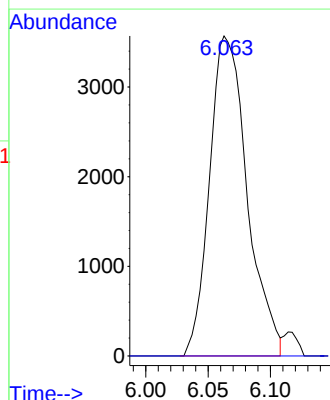
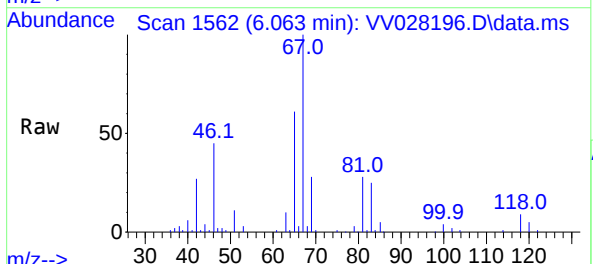
Acq: 29 Sep 2022 19:16

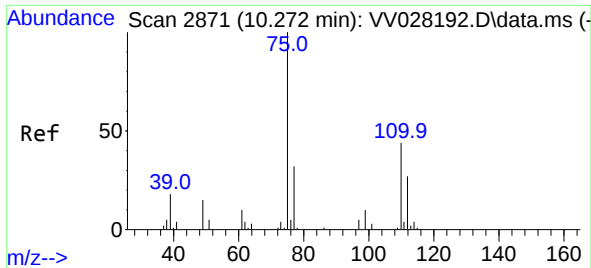
Tgt Ion: 63 Resp: 7511

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#61

1,2,3-Trichloropropane

Concen: 1.062 ug/L

RT: 11.243 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV028196.D

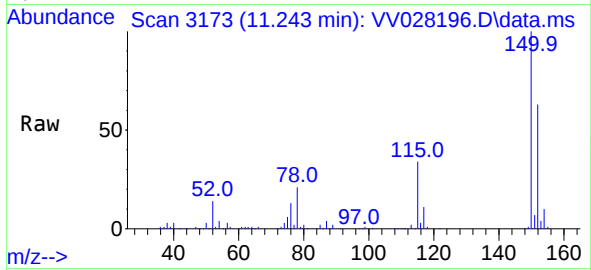
Acq: 29 Sep 2022 19:16

Instrument :

MSVOA_V

ClientSampleId :

EW843



Tgt Ion: 75 Resp: 6181

Ion Ratio Lower Upper

75 100

77 34.5 26.7 40.1

110 2.5 30.1 45.1#

