

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031622\
 Data File : VW025062.D
 Acq On : 16 Mar 2022 21:41
 Operator : SY/MD
 Sample : N1941-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 06:27:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 05:44:36 2022
 Response via : Initial Calibration

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

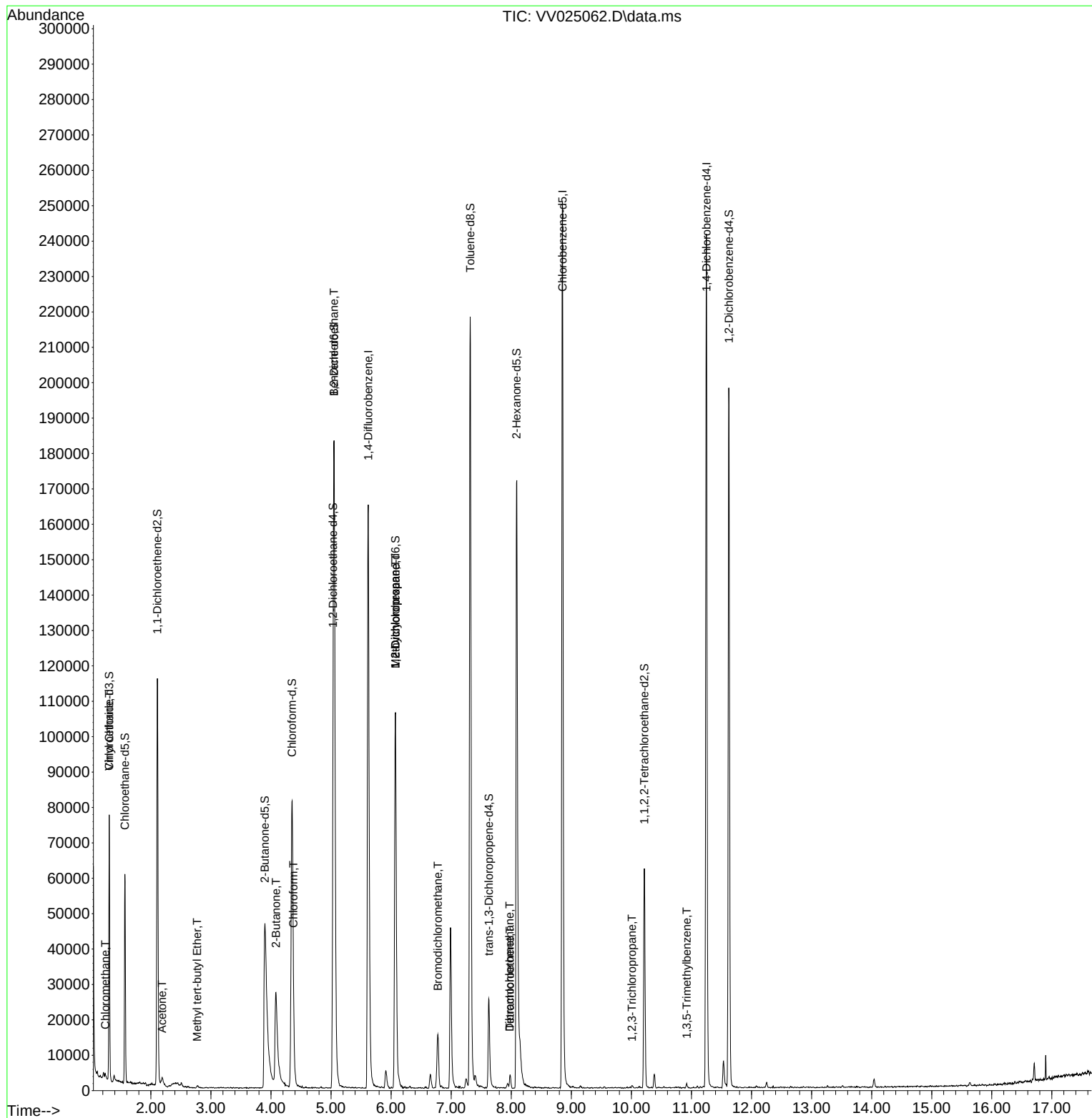
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	149928	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	143125	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61565	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45792	3.869	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.568	69	38019	4.386	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.108	63	59815	3.127	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.600%
20) 2-Butanone-d5	3.895	46	85374	59.681	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.360%
24) Chloroform-d	4.349	84	88924	4.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.034	65	39054	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.050	84	179892	4.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.072	67	54824	4.592	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.317	98	153203	4.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	7.628	79	16970	4.077	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.088	63	64839	45.672	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.340%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31850	4.535	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	51562	4.947	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	794	0.064	ug/L	94
8) Chloroethane	1.307	64	579	0.072	ug/L #	1
13) Acetone	2.188	43	4065	4.249	ug/L	76
17) Methyl tert-butyl Ether	2.770	73	642	0.031	ug/L #	80
21) 2-Butanone	4.082	43	48456	32.090	ug/L #	56
25) Chloroform	4.375	83	1619	0.079	ug/L #	68
27) 1,2-Dichloroethane	5.050	62	854	0.084	ug/L #	71
35) Methylcyclohexane	6.072	83	13171	0.671	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	5755	0.538	ug/L #	86
38) Bromodichloromethane	6.780	83	423	0.031	ug/L #	1
47) Tetrachloroethene	7.979	164	891	0.102	ug/L	90
49) Dibromochloromethane	7.976	129	941	0.118	ug/L #	10
61) 1,2,3-Trichloropropane	10.008	75	435	0.084	ug/L #	39
62) 1,3,5-Trimethylbenzene	10.921	105	856	0.041	ug/L	92

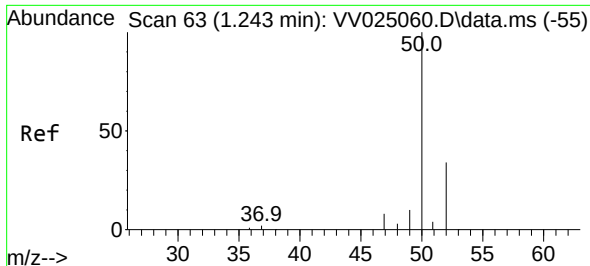
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031622\
Data File : VV025062.D
Acq On : 16 Mar 2022 21:41
Operator : SY/MD
Sample : N1941-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Mar 17 06:27:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 17 05:44:36 2022
Response via : Initial Calibration

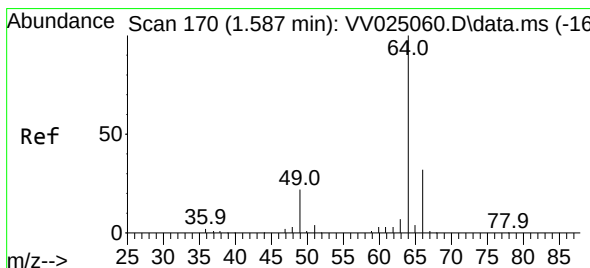
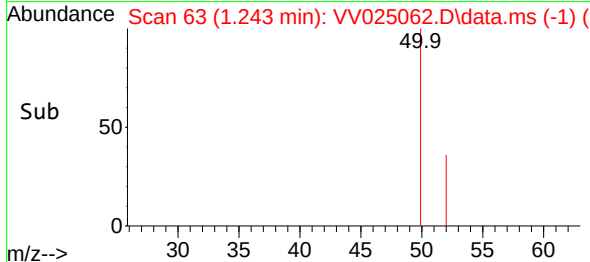
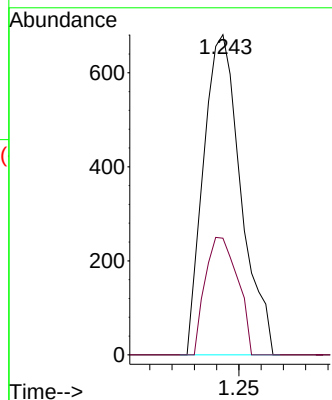
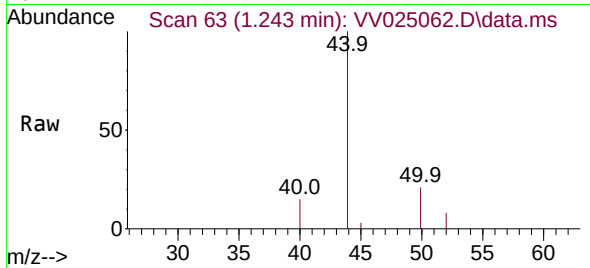




#3
Chloromethane
Concen: 0.064 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025062.D
Acq: 16 Mar 2022 21:41

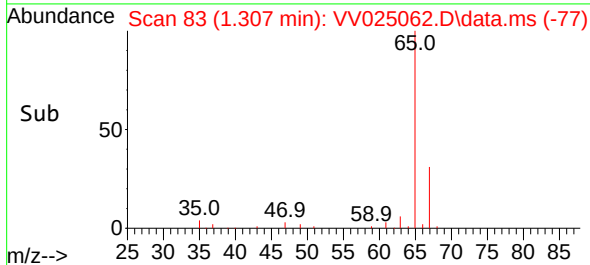
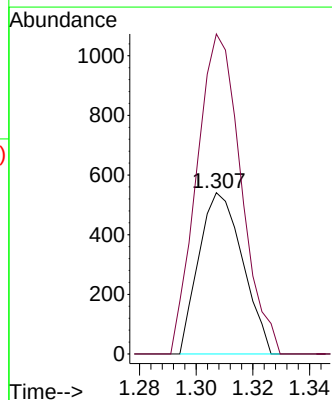
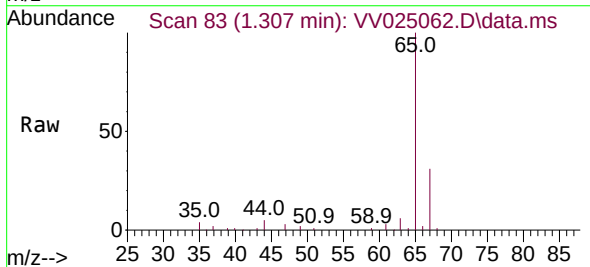
Instrument :
MSVOA_V
ClientSampleId :

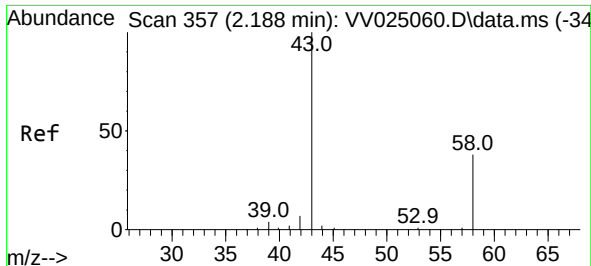
Tgt Ion: 50 Resp: 794
Ion Ratio Lower Upper
50 100
52 36.4 23.2 43.2



#8
Chloroethane
Concen: 0.072 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.280 min
Lab File: VV025062.D
Acq: 16 Mar 2022 21:41

Tgt Ion: 64 Resp: 579
Ion Ratio Lower Upper
64 100
66 198.3 22.5 41.7#





#13

Acetone

Concen: 4.249 ug/L

RT: 2.188 min Scan# 357

Delta R.T. -0.000 min

Lab File: VV025062.D

Acq: 16 Mar 2022 21:41

Instrument :

MSVOA_V

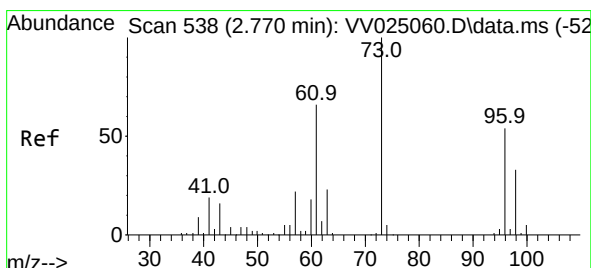
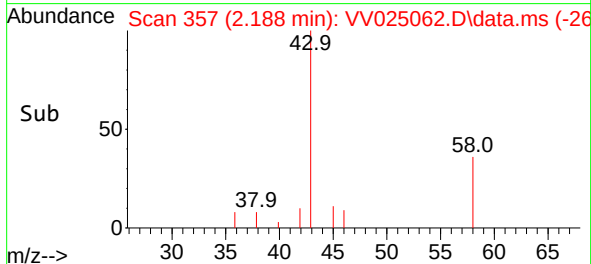
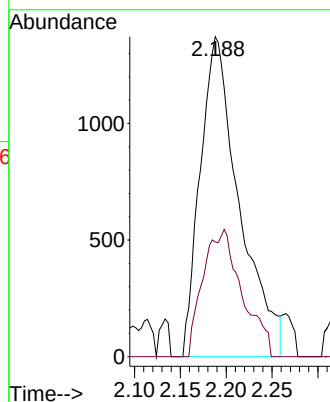
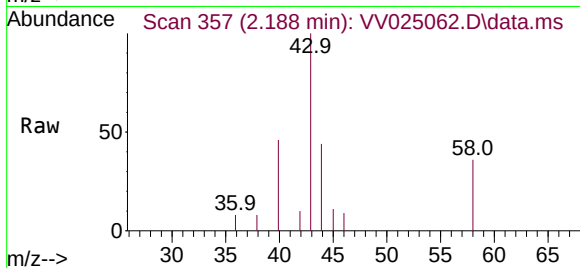
ClientSampleId :

Tgt Ion: 43 Resp: 4065

Ion Ratio Lower Upper

43 100

58 39.8 0.0 54.2



#17

Methyl tert-butyl Ether

Concen: 0.031 ug/L

RT: 2.770 min Scan# 538

Delta R.T. -0.000 min

Lab File: VV025062.D

Acq: 16 Mar 2022 21:41

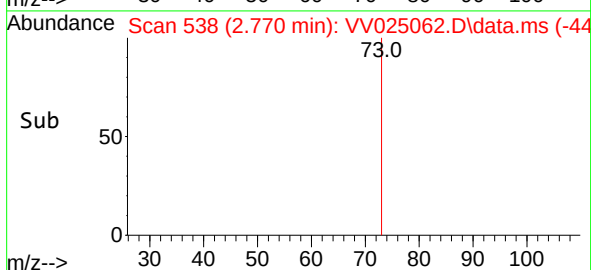
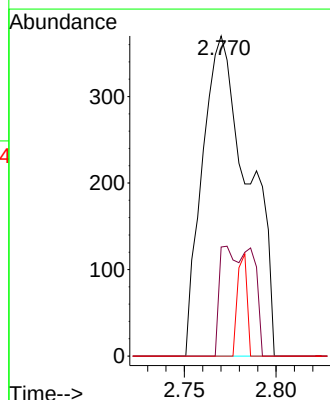
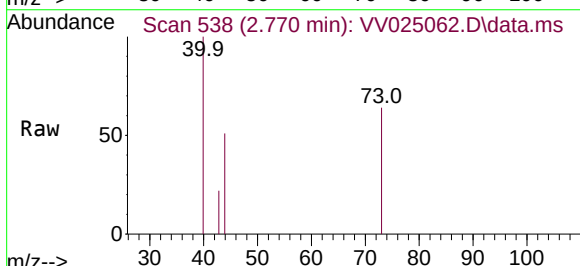
Tgt Ion: 73 Resp: 642

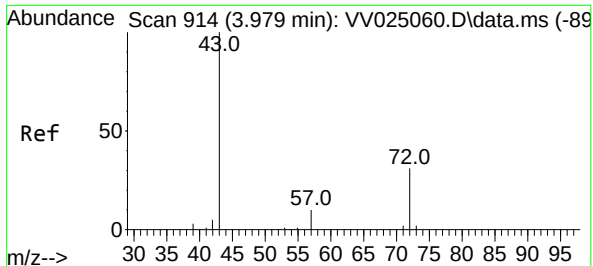
Ion Ratio Lower Upper

73 100

43 14.2 13.2 19.8

57 6.5 16.7 25.1#





#21

2-Butanone

Concen: 32.090 ug/L

RT: 4.082 min Scan# 946

Delta R.T. 0.103 min

Lab File: VV025062.D

Acq: 16 Mar 2022 21:41

Instrument :

MSVOA_V

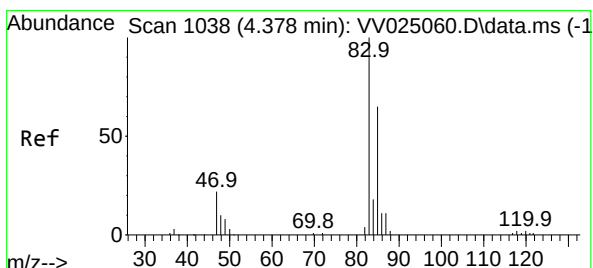
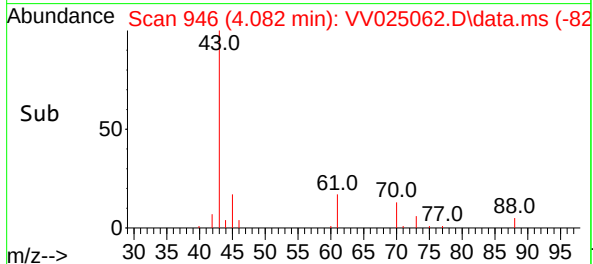
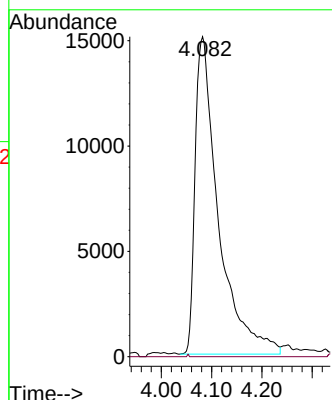
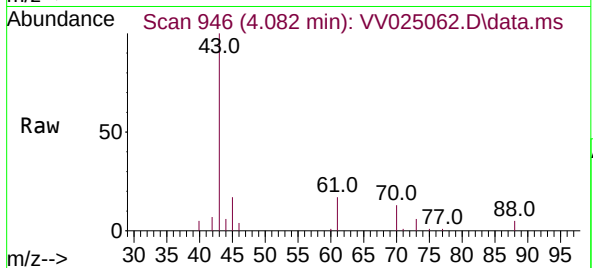
ClientSampleId :

Tgt Ion: 43 Resp: 48456

Ion Ratio Lower Upper

43 100

72 0.0 10.4 31.2#



#25

Chloroform

Concen: 0.079 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV025062.D

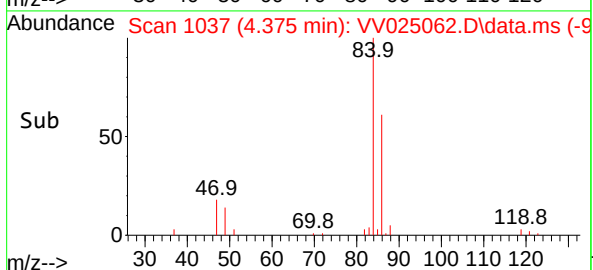
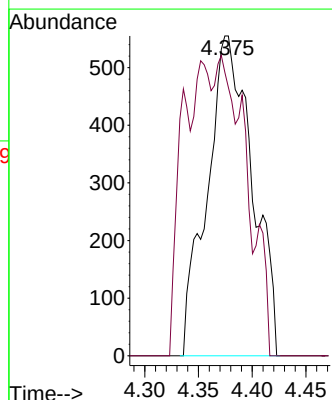
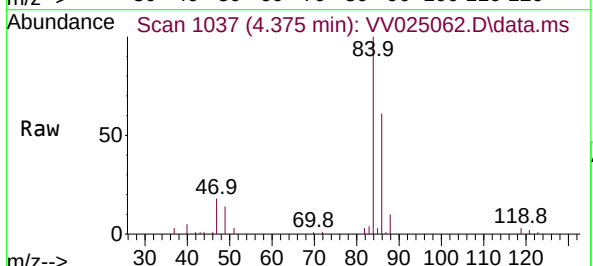
Acq: 16 Mar 2022 21:41

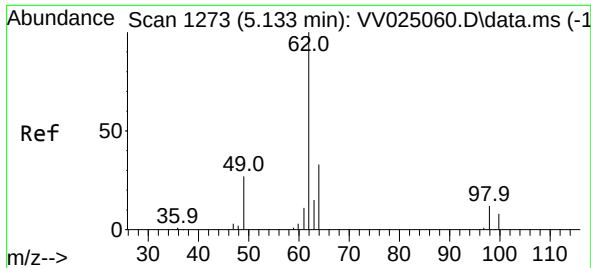
Tgt Ion: 83 Resp: 1619

Ion Ratio Lower Upper

83 100

85 88.6 44.5 82.7#





#27

1,2-Dichloroethane

Concen: 0.084 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV025062.D

Acq: 16 Mar 2022 21:41

Instrument :

MSVOA_V

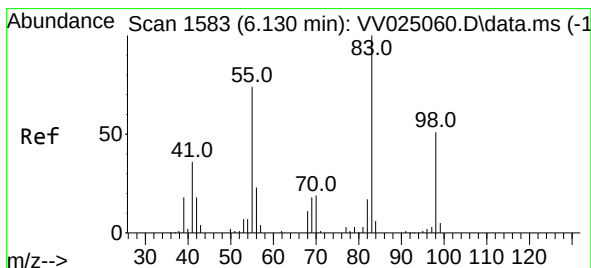
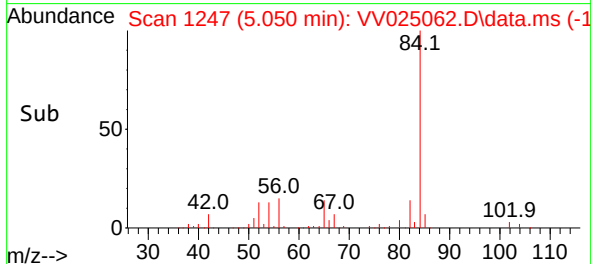
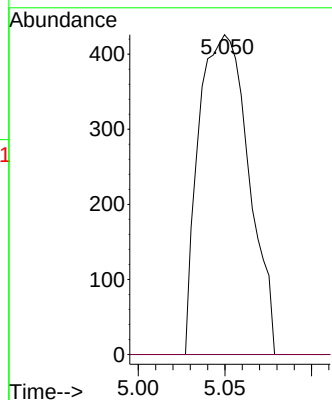
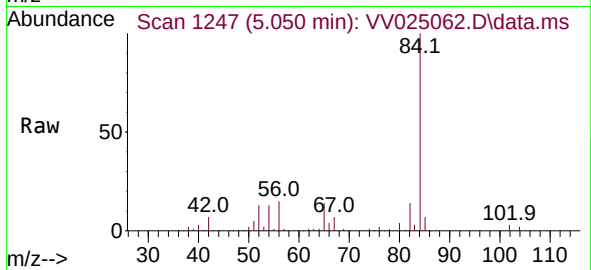
ClientSampleId :

Tgt Ion: 62 Resp: 854

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#35

Methylcyclohexane

Concen: 0.671 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV025062.D

Acq: 16 Mar 2022 21:41

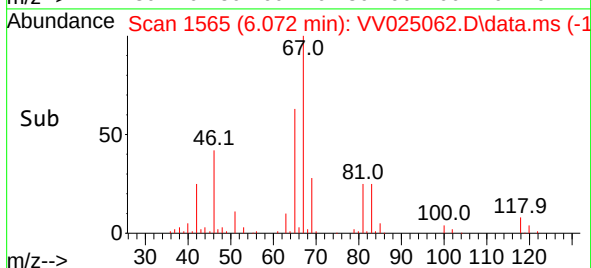
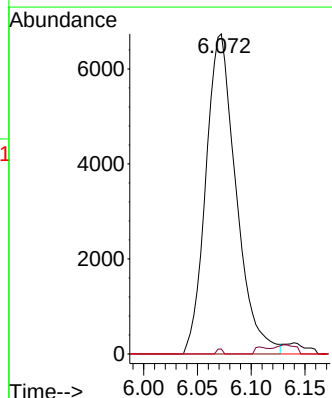
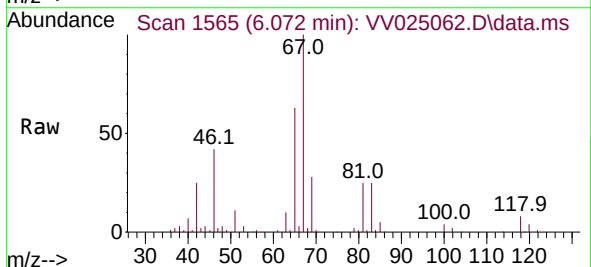
Tgt Ion: 83 Resp: 13171

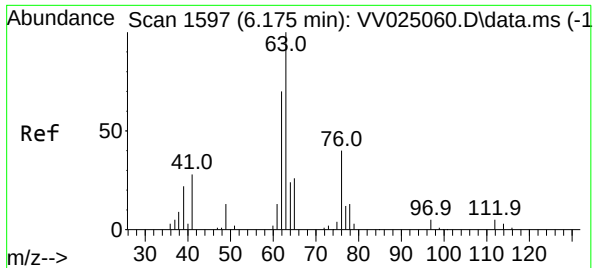
Ion Ratio Lower Upper

83 100

55 0.3 55.4 83.0#

98 1.5 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.538 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025062.D

Acq: 16 Mar 2022 21:41

Instrument :

MSVOA_V

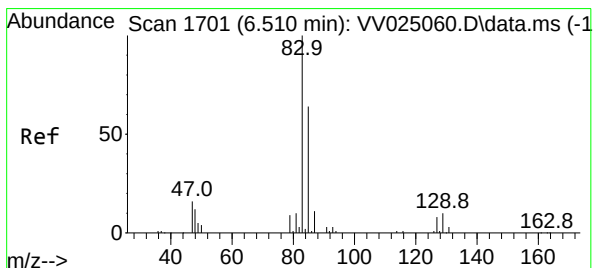
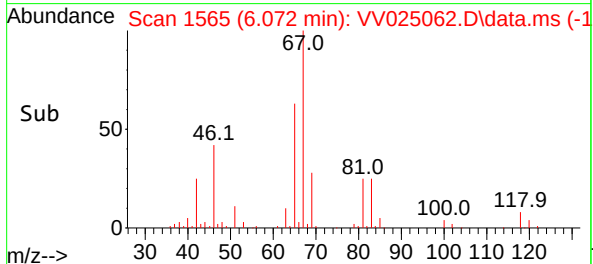
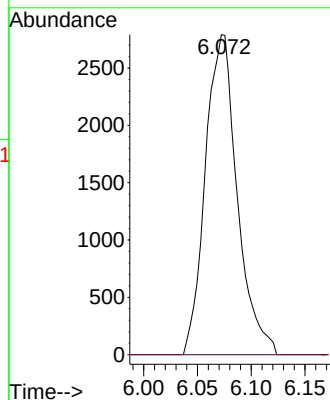
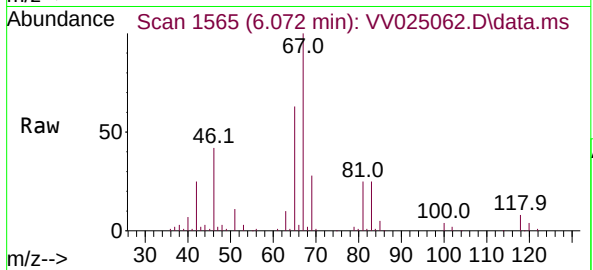
ClientSampleId :

Tgt Ion: 63 Resp: 5755

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#38

Bromodichloromethane

Concen: 0.031 ug/L

RT: 6.780 min Scan# 1785

Delta R.T. 0.270 min

Lab File: VV025062.D

Acq: 16 Mar 2022 21:41

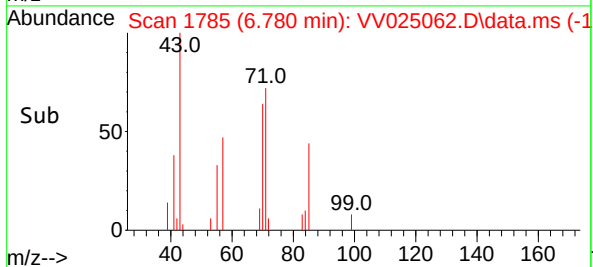
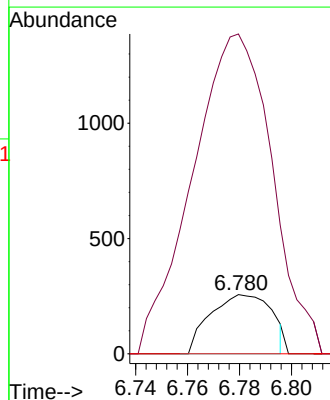
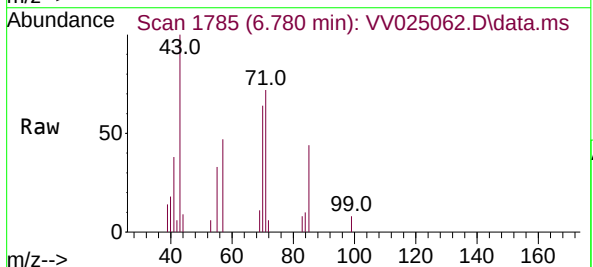
Tgt Ion: 83 Resp: 423

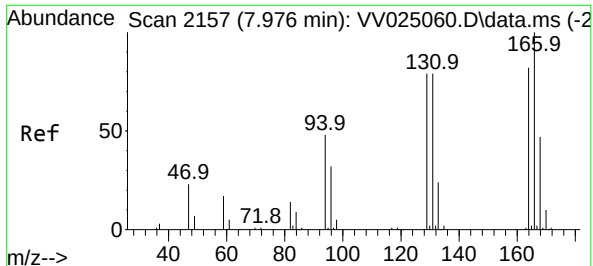
Ion Ratio Lower Upper

83 100

85 539.7 44.8 83.2#

127 0.0 6.3 9.5#





#47

Tetrachloroethene

Concen: 0.102 ug/L

RT: 7.979 min Scan# 2157

Delta R.T. 0.003 min

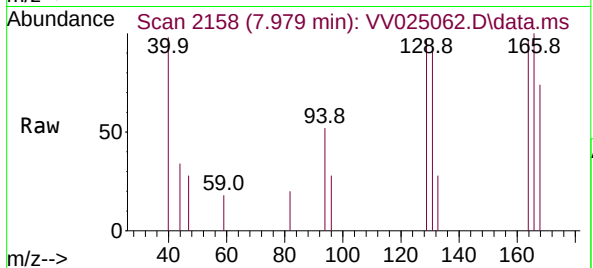
Lab File: VV025062.D

Acq: 16 Mar 2022 21:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 891

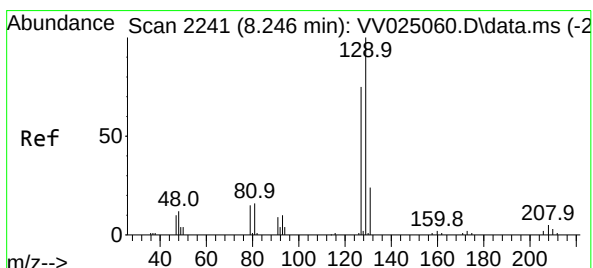
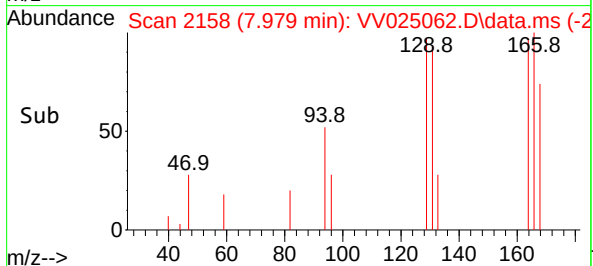
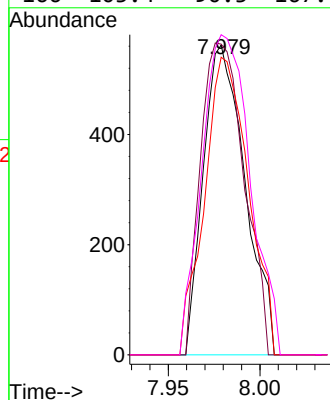
Ion Ratio Lower Upper

164 100

129 100.4 70.3 130.7

131 96.1 69.4 129.0

166 103.4 90.3 167.7



#49

Dibromochloromethane

Concen: 0.118 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV025062.D

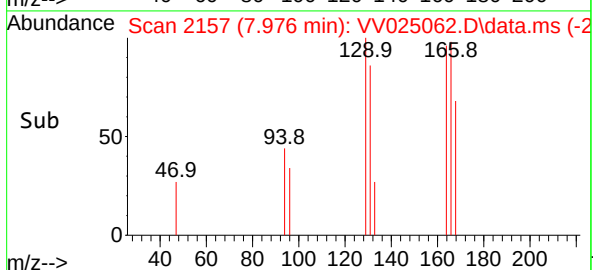
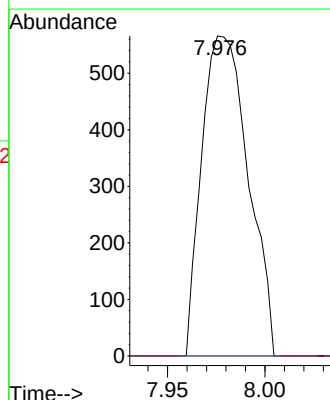
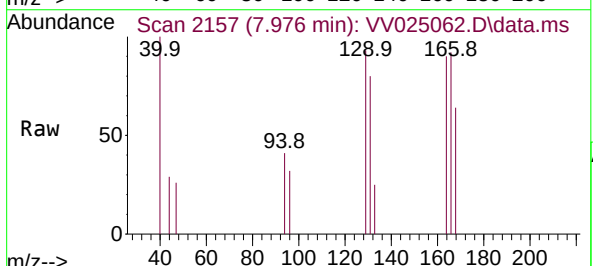
Acq: 16 Mar 2022 21:41

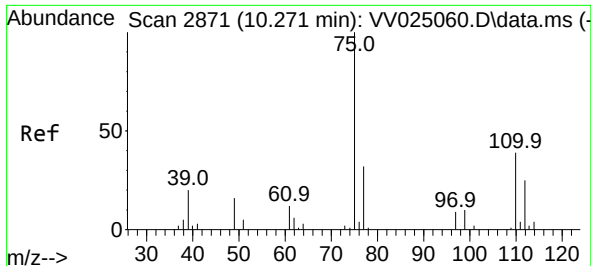
Tgt Ion:129 Resp: 941

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#

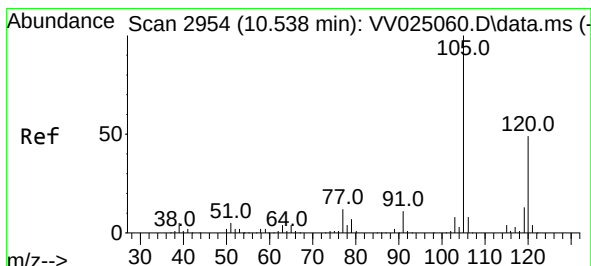
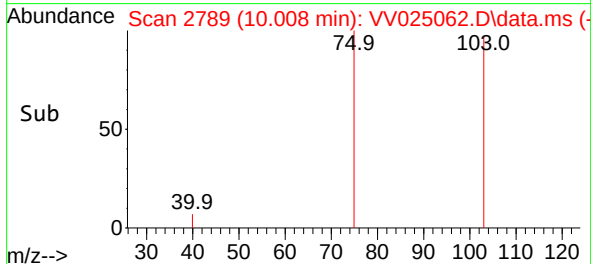
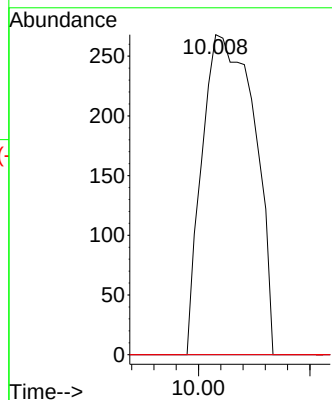
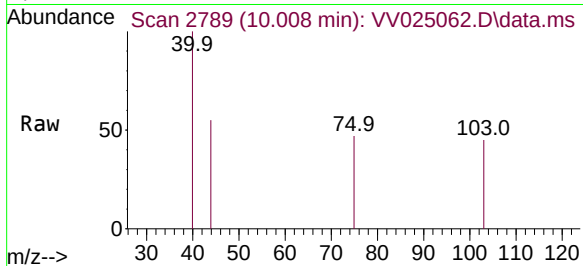




#61
 1,2,3-Trichloropropane
 Concen: 0.084 ug/L
 RT: 10.008 min Scan# 21
 Delta R.T. -0.264 min
 Lab File: VV025062.D
 Acq: 16 Mar 2022 21:41

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 435
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 110 0.0 31.2 46.8#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.041 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.383 min
 Lab File: VV025062.D
 Acq: 16 Mar 2022 21:41

Tgt Ion: 105 Resp: 856
 Ion Ratio Lower Upper
 105 100
 120 42.5 38.5 57.7

