

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029849.D
 Acq On : 14 Jan 2023 11:16
 Operator : SY/MD
 Sample : 01149-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL57

Quant Time: Jan 16 00:39:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

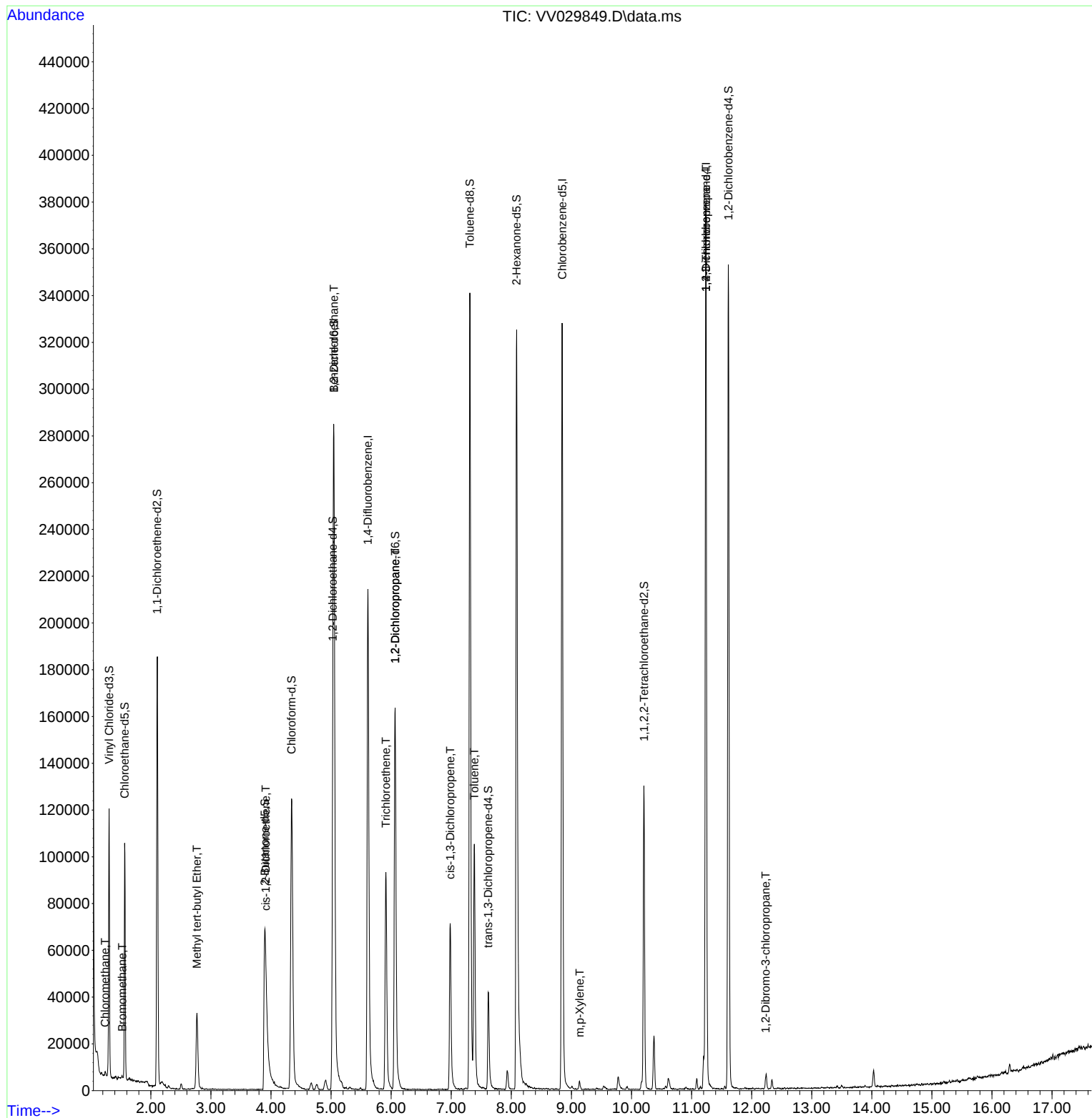
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	203089	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	198521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	104770	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	70012	4.545	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.564	69	64174	5.026	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.105	63	96198	3.426	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.895	46	138496	50.726	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.460%
24) Chloroform-d	4.342	84	138669	4.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.027	65	61463	5.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.047	84	286576	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.066	67	88583	5.140	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.310	98	245183	4.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.616	79	27360	4.347	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.088	63	126969	49.549	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.100%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	65685	5.201	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	96246	5.053	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1121	0.056	ug/L	92
6) Bromomethane	1.523	94	420	0.044	ug/L	86
17) Methyl tert-butyl Ether	2.767	73	34094	1.137	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	2561	0.149	ug/L	98
27) 1,2-Dichloroethane	5.047	62	1322	0.093	ug/L #	71
34) Trichloroethene	5.911	95	34705	2.086	ug/L	95
37) 1,2-Dichloropropane	6.066	63	9162	0.596	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1963	0.095	ug/L #	52
42) Toluene	7.384	91	83771	1.183	ug/L	95
53) m,p-Xylene	9.136	106	1060	0.036	ug/L	91
61) 1,2,3-Trichloropropane	11.239	75	11862	1.529	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.233	75	225	0.123	ug/L #	1

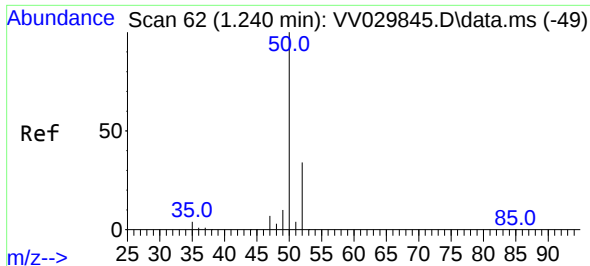
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

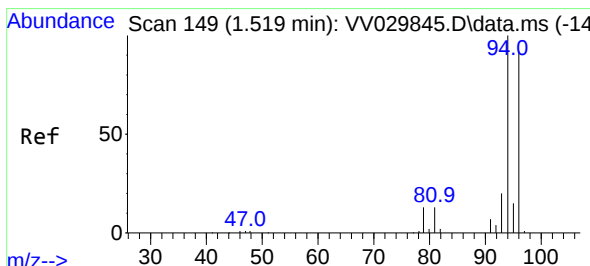
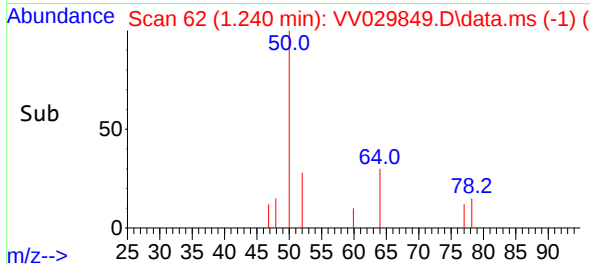
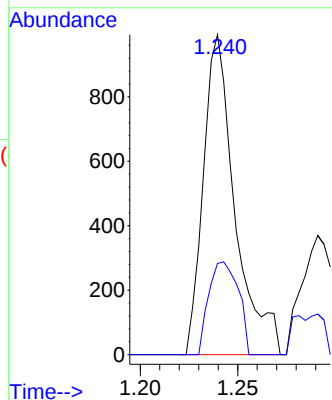
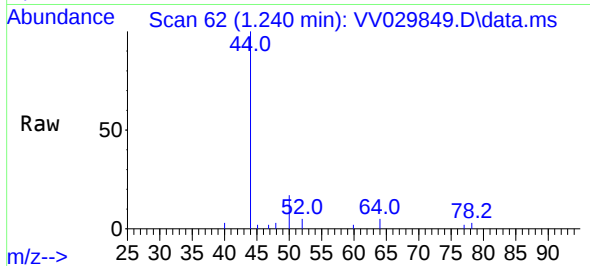




#3
Chloromethane
Concen: 0.056 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029849.D
Acq: 14 Jan 2023 11:16

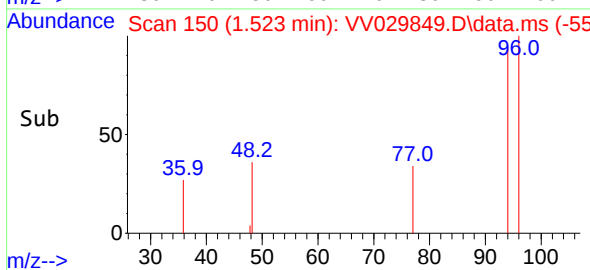
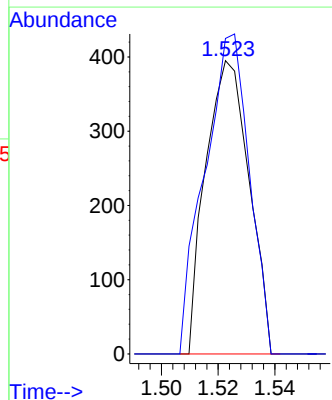
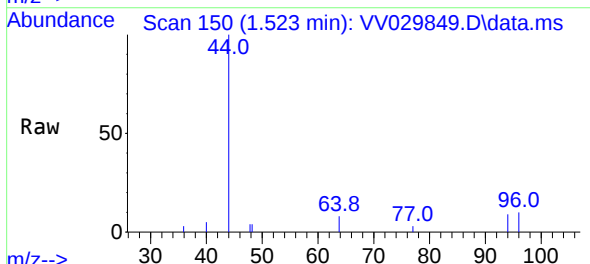
Instrument :
MSVOA_V
ClientSampleId :
COL57

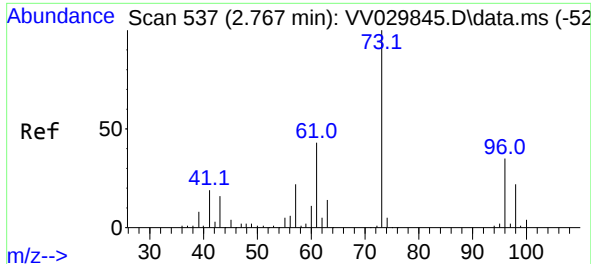
Tgt Ion: 50 Resp: 1121
Ion Ratio Lower Upper
50 100
52 28.5 23.1 42.9



#6
Bromomethane
Concen: 0.044 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.006 min
Lab File: VV029849.D
Acq: 14 Jan 2023 11:16

Tgt Ion: 94 Resp: 420
Ion Ratio Lower Upper
94 100
96 107.6 65.9 122.5





#17

Methyl tert-butyl Ether

Concen: 1.137 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV029849.D

Acq: 14 Jan 2023 11:16

Instrument :

MSVOA_V

ClientSampleId :

COL57

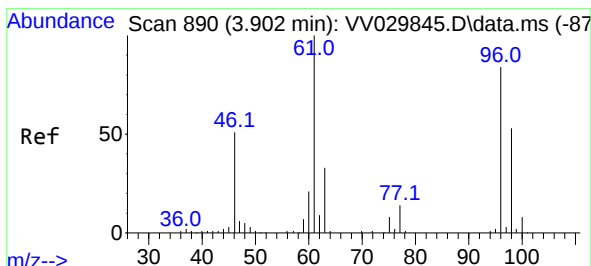
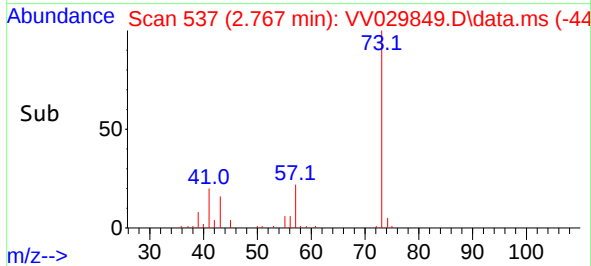
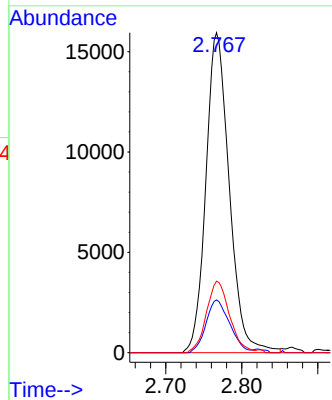
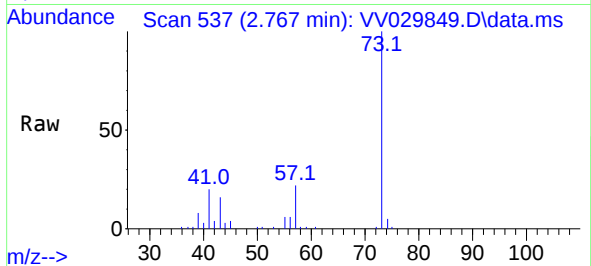
Tgt Ion: 73 Resp: 34094

Ion Ratio Lower Upper

73 100

43 16.6 13.0 19.4

57 22.1 17.1 25.7



#22

cis-1,2-Dichloroethene

Concen: 0.149 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.013 min

Lab File: VV029849.D

Acq: 14 Jan 2023 11:16

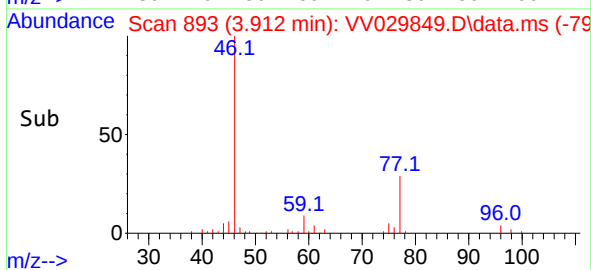
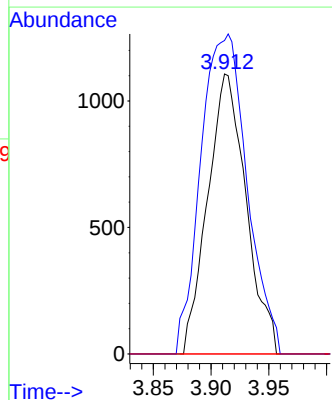
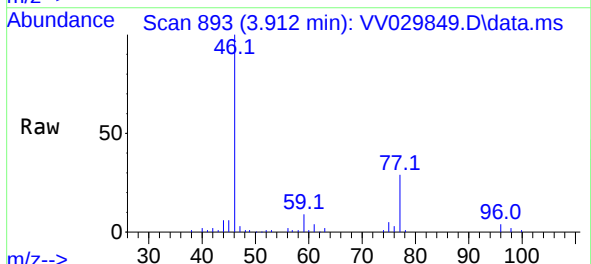
Tgt Ion: 96 Resp: 2561

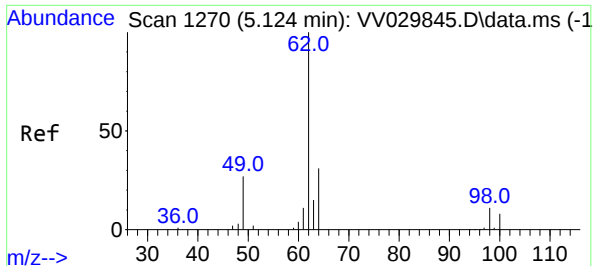
Ion Ratio Lower Upper

96 100

61 111.9 80.0 148.6

68 0.0 0.0 0.0

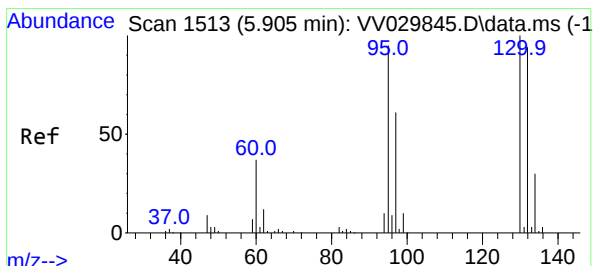
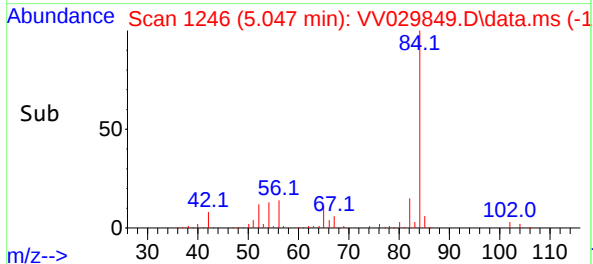
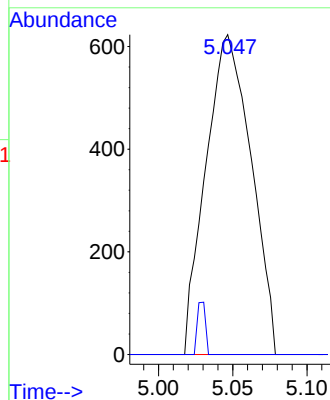
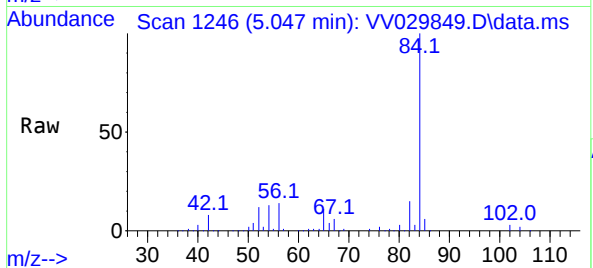




#27
1,2-Dichloroethane
Concen: 0.093 ug/L
RT: 5.047 min Scan# 11
Delta R.T. -0.074 min
Lab File: VV029849.D
Acq: 14 Jan 2023 11:16

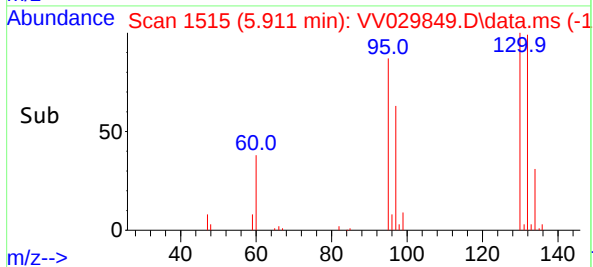
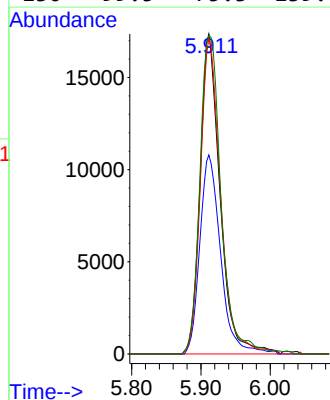
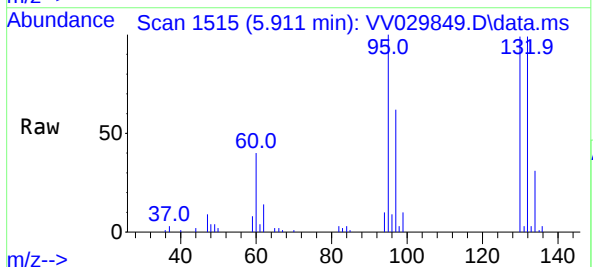
Instrument :
MSVOA_V
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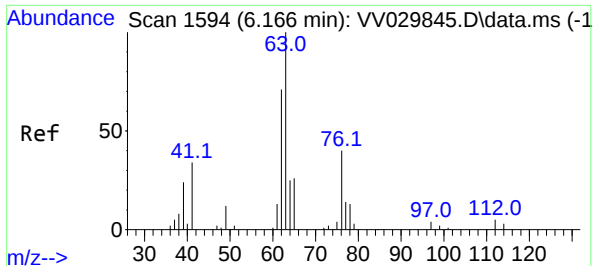
Tgt Ion: 62 Resp: 1322
Ion Ratio Lower Upper
62 100
98 0.0 8.9 13.3#



#34
Trichloroethene
Concen: 2.086 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV029849.D
Acq: 14 Jan 2023 11:16

Tgt Ion: 95 Resp: 34705
Ion Ratio Lower Upper
95 100
97 62.2 44.9 83.3
132 98.6 71.8 133.4
130 99.5 75.3 139.8

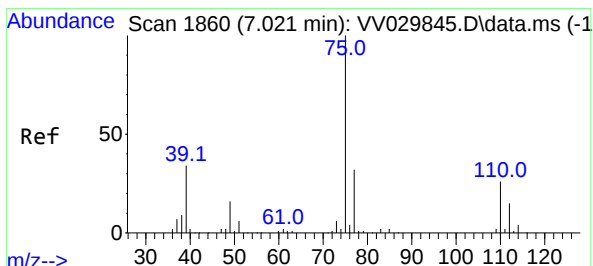
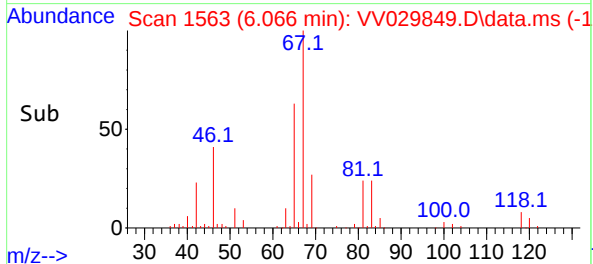
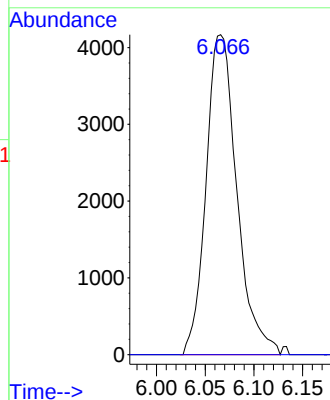
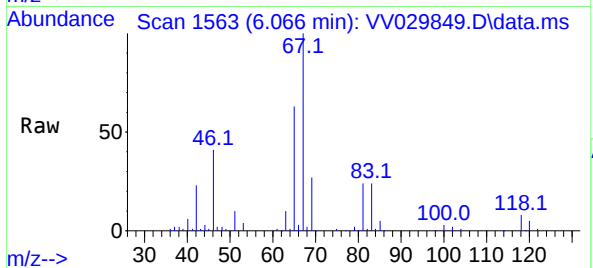




#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.097 min
Lab File: VV029849.D
Acq: 14 Jan 2023 11:16

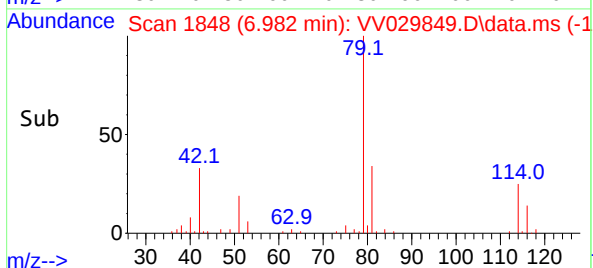
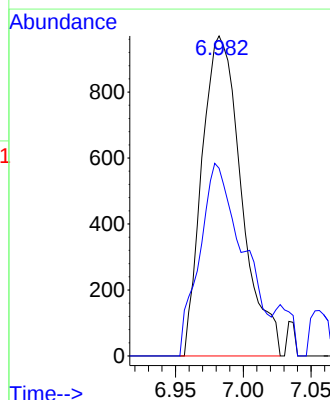
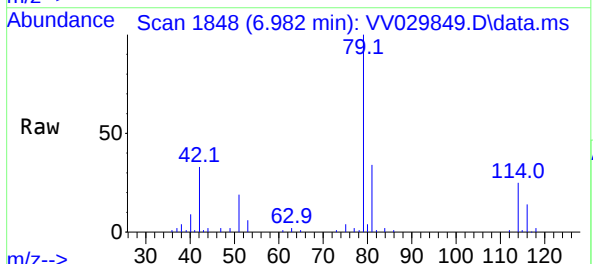
Instrument :
MSVOA_V
ClientSampleId :
COL57

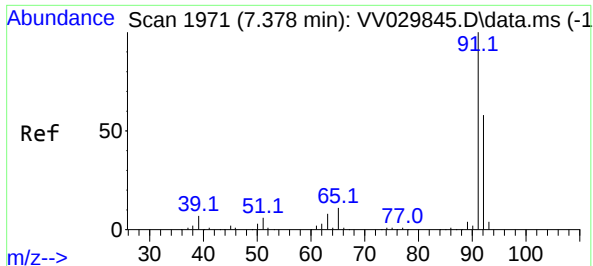
Tgt Ion: 63 Resp: 9162
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.035 min
Lab File: VV029849.D
Acq: 14 Jan 2023 11:16

Tgt Ion: 75 Resp: 1963
Ion Ratio Lower Upper
75 100
77 58.7 22.4 41.6#





#42

Toluene

Concen: 1.183 ug/L

RT: 7.384 min Scan# 1971

Delta R.T. 0.006 min

Lab File: VV029849.D

Acq: 14 Jan 2023 11:16

Instrument :

MSVOA_V

ClientSampleId :

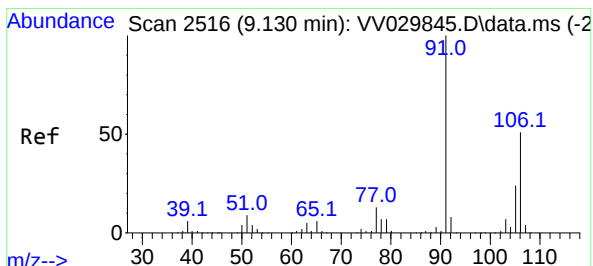
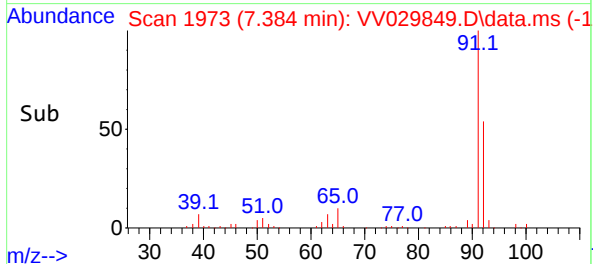
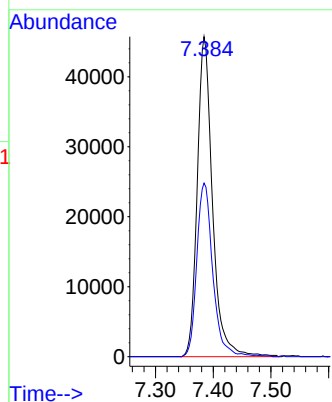
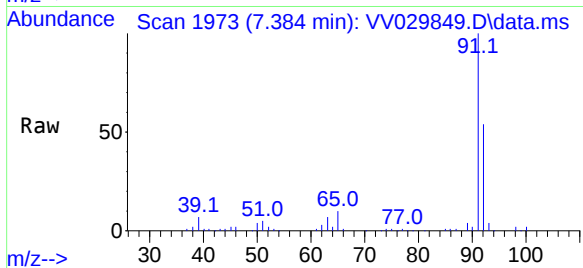
C0L57

Tgt Ion: 91 Resp: 83771

Ion Ratio Lower Upper

91 100

92 54.3 40.6 75.4



#53

m,p-Xylene

Concen: 0.036 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.006 min

Lab File: VV029849.D

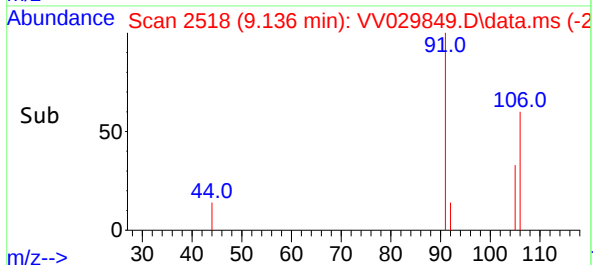
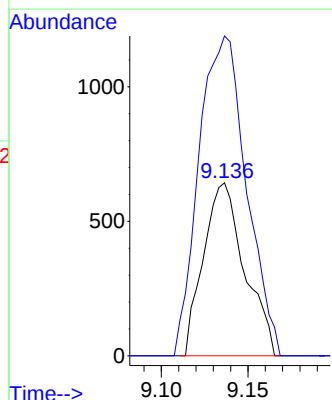
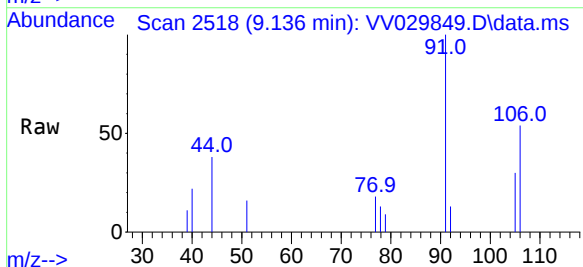
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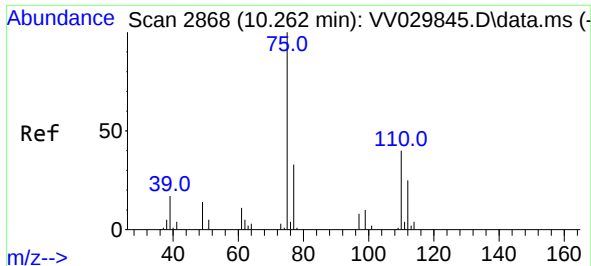
Tgt Ion: 106 Resp: 1060

Ion Ratio Lower Upper

106 100

91 184.9 138.7 257.7

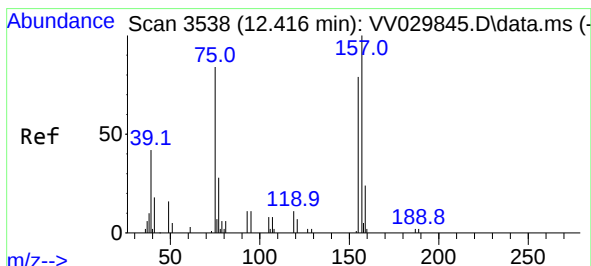
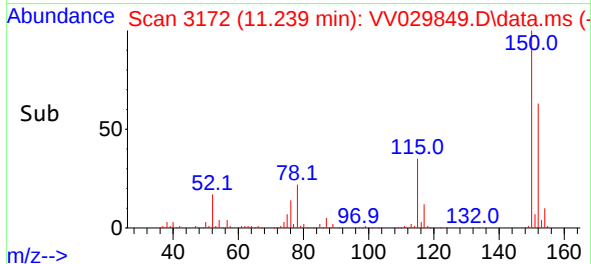
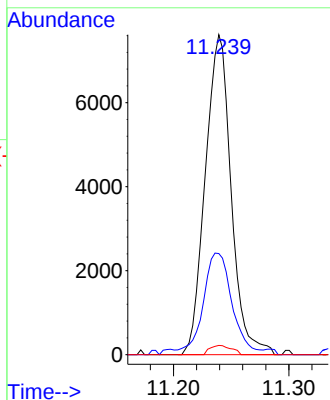
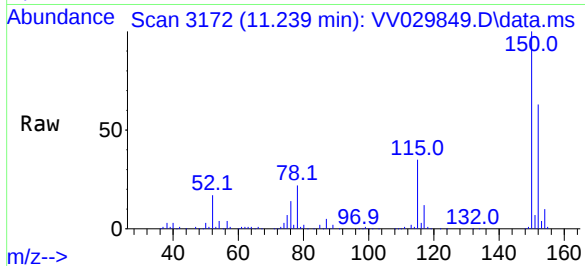




#61
1,2,3-Trichloropropane
Concen: 1.529 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.977 min
Lab File: VV029849.D
Acq: 14 Jan 2023 11:16

Instrument :
MSVOA_V
ClientSampleId :
COL57

Tgt Ion: 75 Resp: 11862
Ion Ratio Lower Upper
75 100
77 35.6 26.5 39.7
110 2.4 31.8 47.8#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.123 ug/L
RT: 12.233 min Scan# 3481
Delta R.T. -0.183 min
Lab File: VV029849.D
Acq: 14 Jan 2023 11:16

Tgt Ion: 75 Resp: 225
Ion Ratio Lower Upper
75 100
155 0.0 75.5 113.3#
157 0.0 99.2 148.8#

