

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029851.D
 Acq On : 14 Jan 2023 12:05
 Operator : SY/MD
 Sample : 01149-02 500X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL52

Quant Time: Jan 16 00:39:55 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)

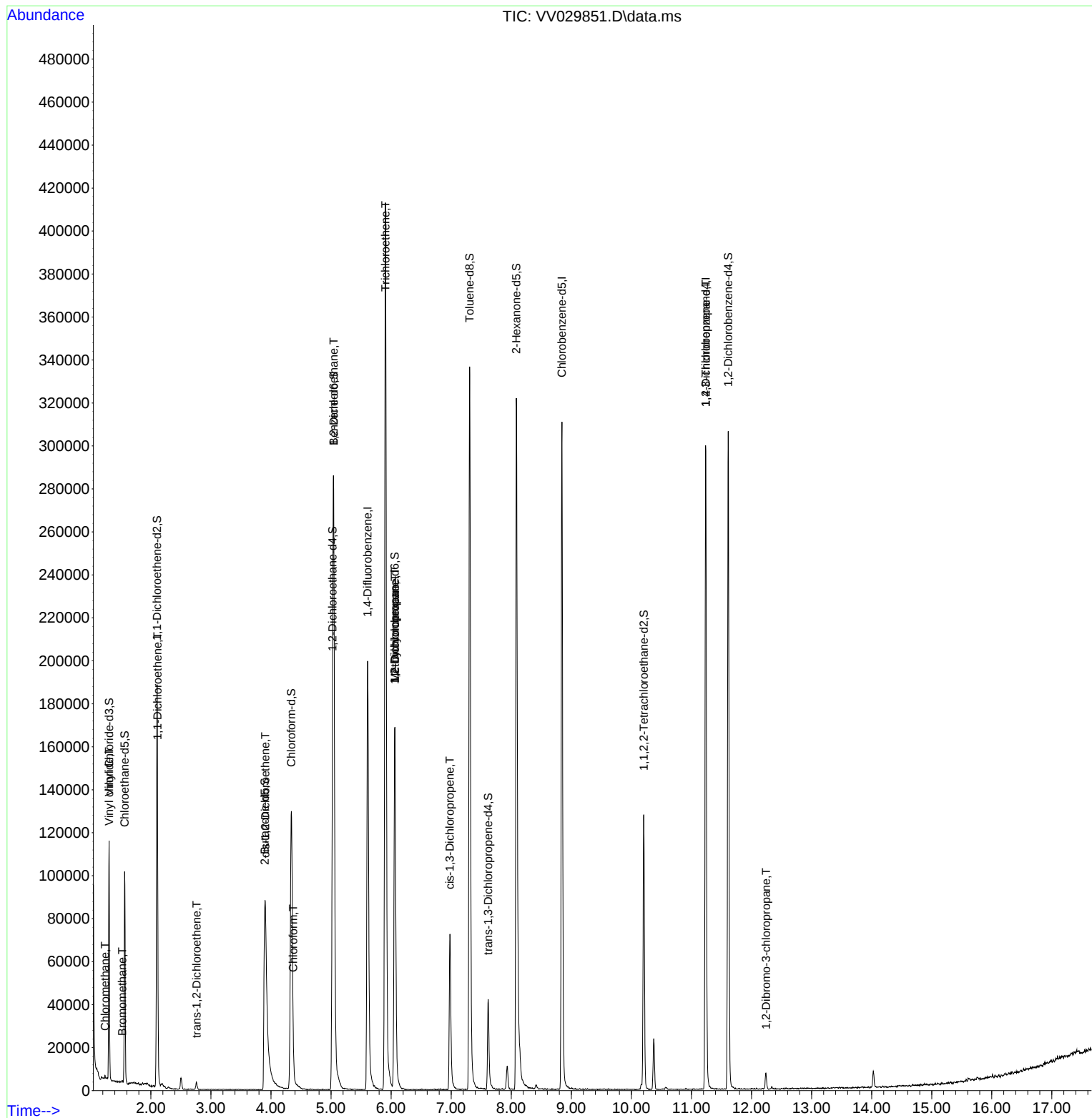
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	190602	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	182388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	86188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67545	4.672	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.564	69	63390	5.290	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.105	63	94851	3.599	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.896	46	145370	56.732	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.460%
24) Chloroform-d	4.339	84	144089	5.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	5.024	65	62019	5.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	5.043	84	290625	5.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
36) 1,2-Dichloropropane-d6	6.059	67	91216	5.761	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.200%
41) Toluene-d8	7.307	98	245293	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	7.616	79	27594	4.772	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.085	63	130881	55.594	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.180%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	65696	5.662	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	84324	5.381	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	901	0.048	ug/L	100
5) Vinyl chloride	1.307	62	1470	0.080	ug/L #	16
6) Bromomethane	1.523	94	414	0.046	ug/L	95
12) 1,1-Dichloroethene	2.111	96	2730	0.168	ug/L #	1
18) trans-1,2-Dichloroethene	2.761	96	1355	0.090	ug/L	86
22) cis-1,2-Dichloroethene	3.905	96	18000	1.117	ug/L	93
25) Chloroform	4.368	83	2950	0.107	ug/L	92
27) 1,2-Dichloroethane	5.043	62	1411	0.106	ug/L #	71
34) Trichloroethene	5.905	95	152801	9.999	ug/L	97
35) Methylcyclohexane	6.063	83	22354	0.866	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	9174	0.650	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1798	0.095	ug/L #	51
61) 1,2,3-Trichloropropane	11.239	75	9731	1.525	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.243	75	259	0.172	ug/L #	1

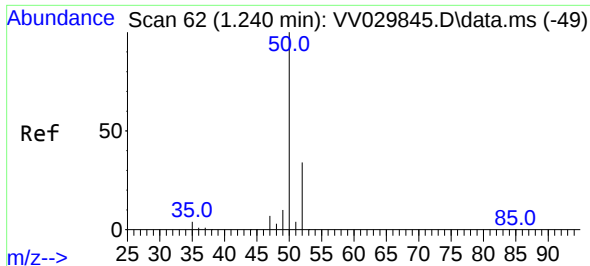
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

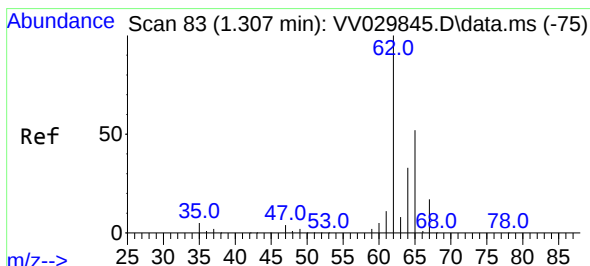
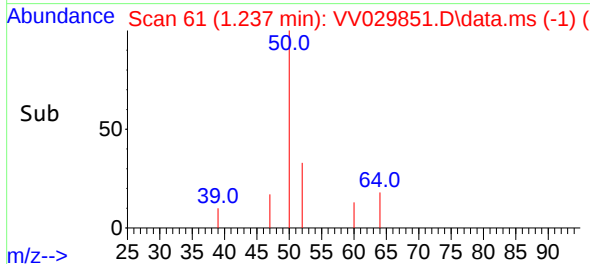
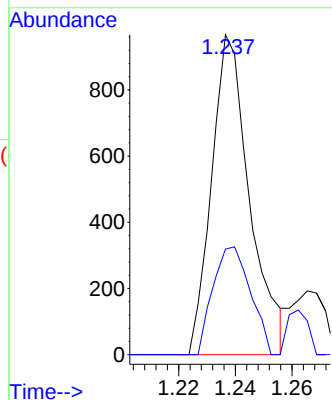
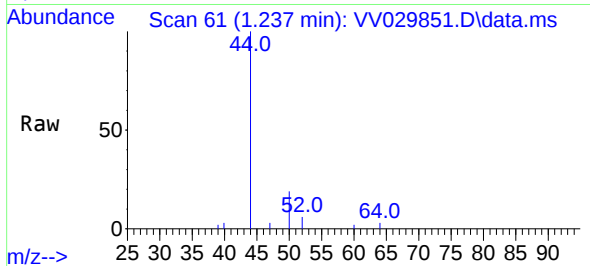




#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029851.D
Acq: 14 Jan 2023 12:05

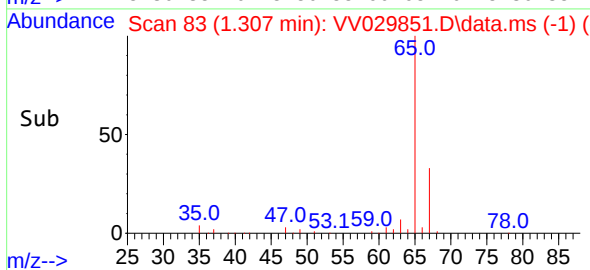
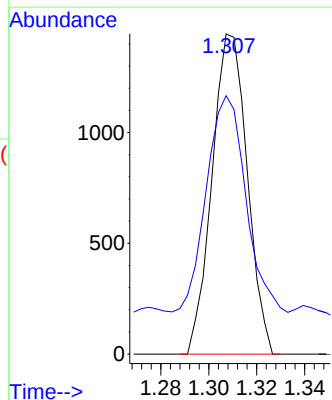
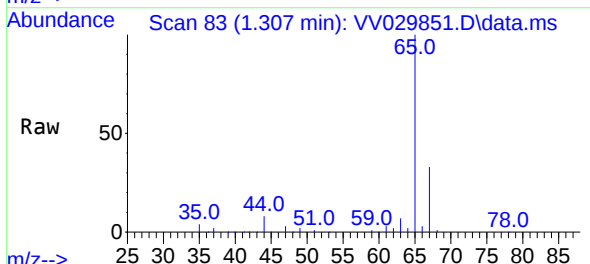
Instrument :
MSVOA_V
ClientSampleId :
COL52

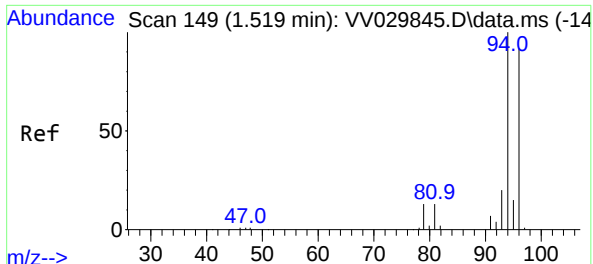
Tgt Ion: 50 Resp: 901
Ion Ratio Lower Upper
50 100
52 33.0 23.1 42.9



#5
Vinyl chloride
Concen: 0.080 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV029851.D
Acq: 14 Jan 2023 12:05

Tgt Ion: 62 Resp: 1470
Ion Ratio Lower Upper
62 100
64 80.7 23.2 43.2#

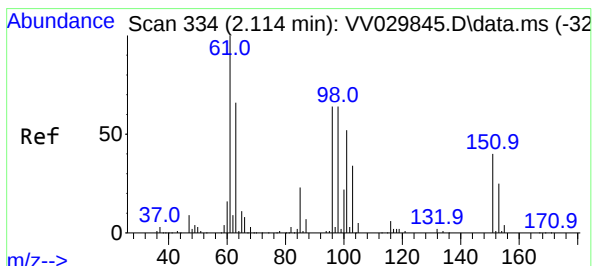
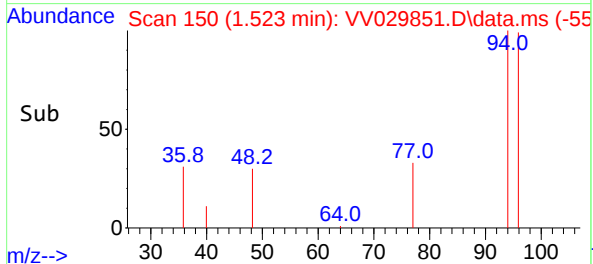
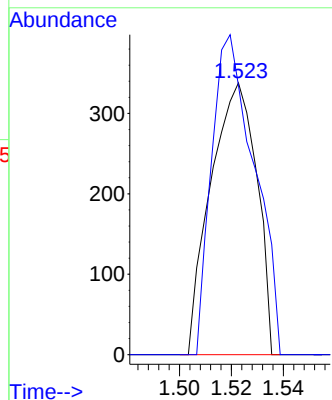
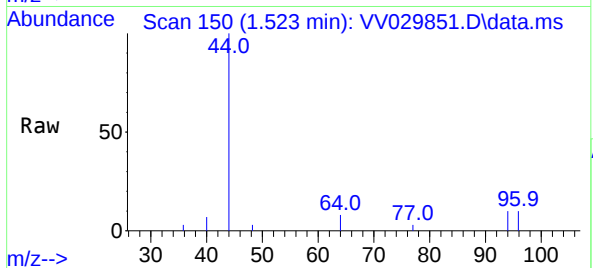




#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029851.D
Acq: 14 Jan 2023 12:05

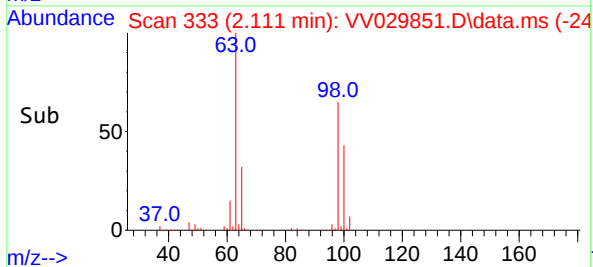
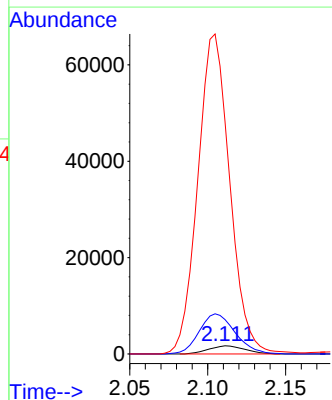
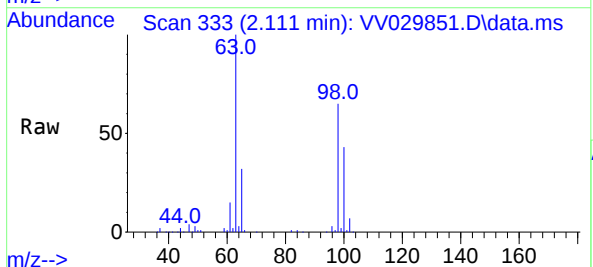
Instrument :
MSVOA_V
ClientSampleId :
COL52

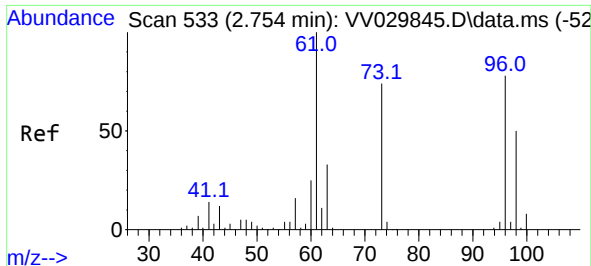
Tgt Ion: 94 Resp: 414
Ion Ratio Lower Upper
94 100
96 99.1 65.9 122.5



#12
1,1-Dichloroethene
Concen: 0.168 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV029851.D
Acq: 14 Jan 2023 12:05

Tgt Ion: 96 Resp: 2730
Ion Ratio Lower Upper
96 100
61 422.5 106.1 197.1#
63 2858.5 76.4 141.8#

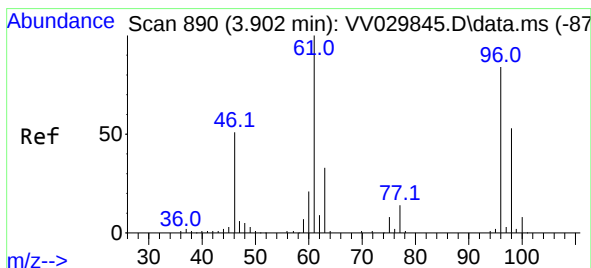
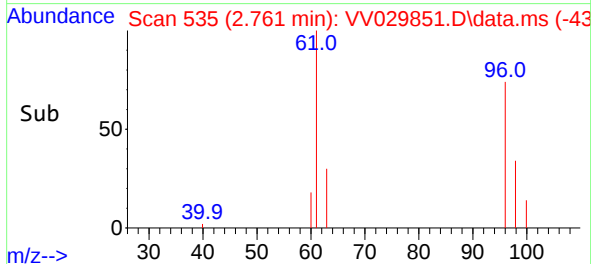
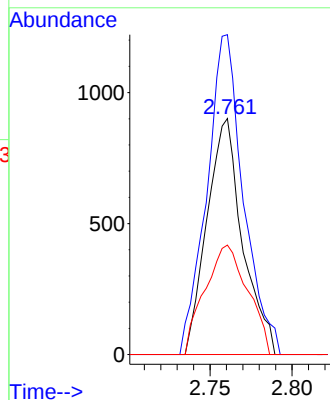
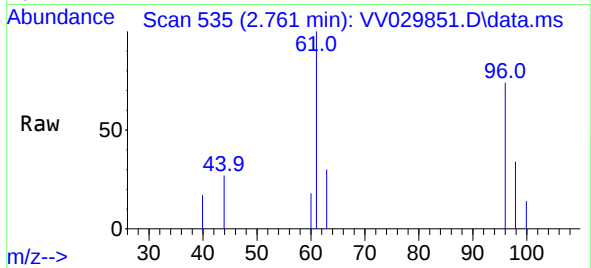




#18
trans-1,2-Dichloroethene
Concen: 0.090 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV029851.D
Acq: 14 Jan 2023 12:05

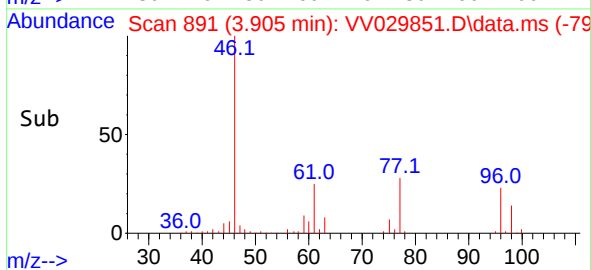
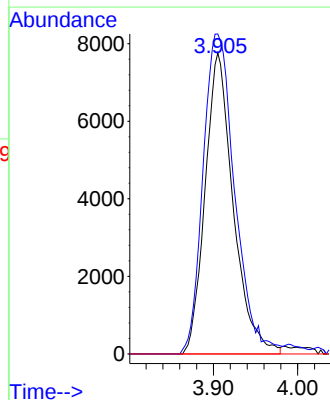
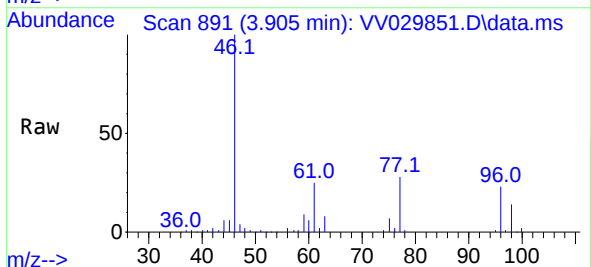
Instrument :
MSVOA_V
ClientSampleId :
COL52

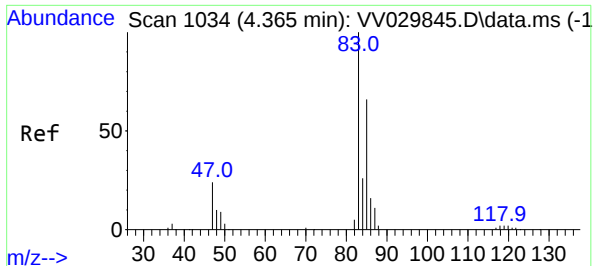
Tgt Ion: 96 Resp: 1355
Ion Ratio Lower Upper
96 100
61 135.5 86.1 159.9
98 46.4 43.9 81.5



#22
cis-1,2-Dichloroethene
Concen: 1.117 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV029851.D
Acq: 14 Jan 2023 12:05

Tgt Ion: 96 Resp: 18000
Ion Ratio Lower Upper
96 100
61 106.3 80.0 148.6
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.107 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VV029851.D

Acq: 14 Jan 2023 12:05

Instrument :

MSVOA_V

ClientSampleId :

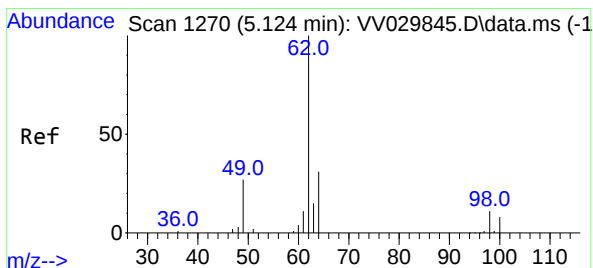
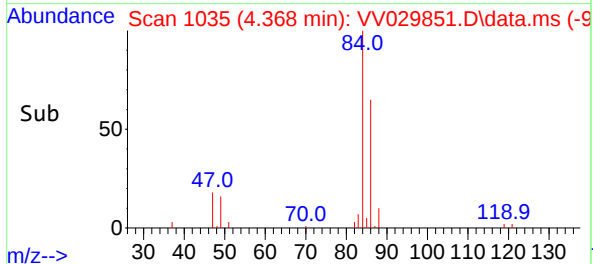
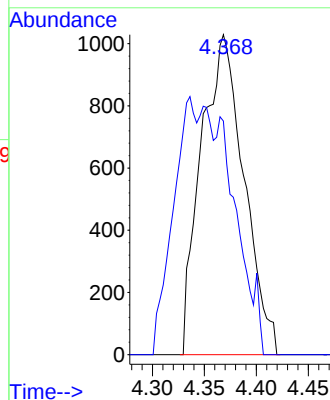
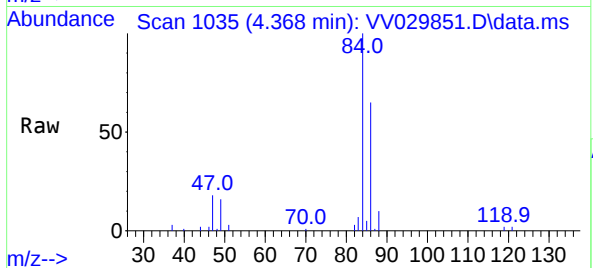
C0L52

Tgt Ion: 83 Resp: 2950

Ion Ratio Lower Upper

83 100

85 73.0 46.5 86.5



#27

1,2-Dichloroethane

Concen: 0.106 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.077 min

Lab File: VV029851.D

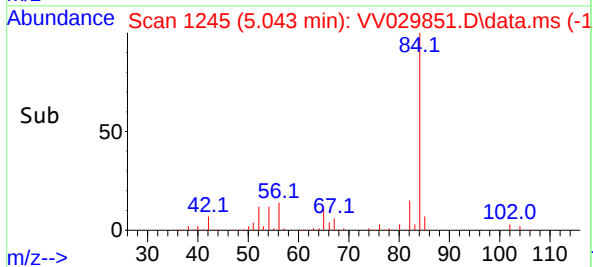
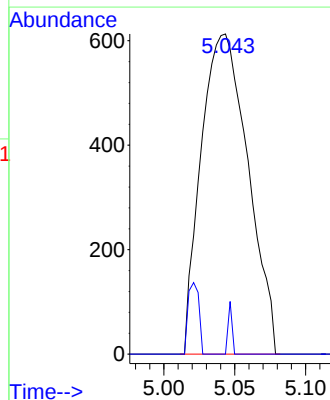
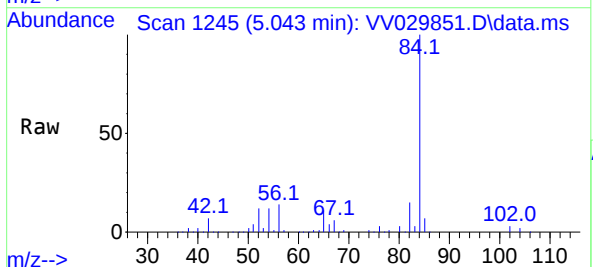
Acq: 14 Jan 2023 12:05

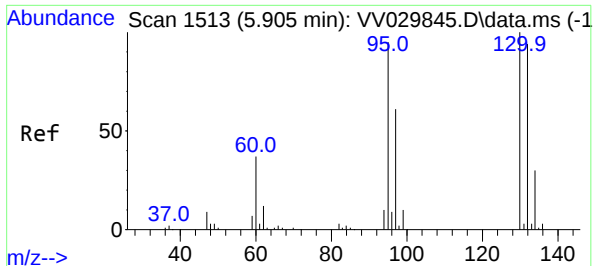
Tgt Ion: 62 Resp: 1411

Ion Ratio Lower Upper

62 100

98 0.0 8.9 13.3#





#34

Trichloroethene

Concen: 9.999 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VV029851.D

Acq: 14 Jan 2023 12:05

Instrument :

MSVOA_V

ClientSampleId :

COL52

Tgt Ion: 95 Resp: 152801

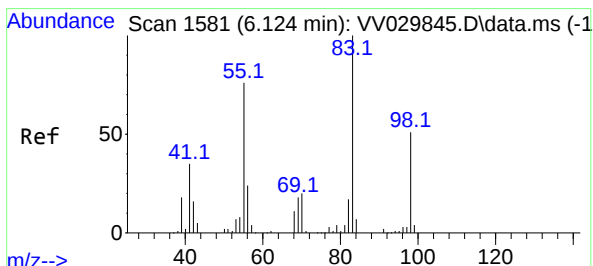
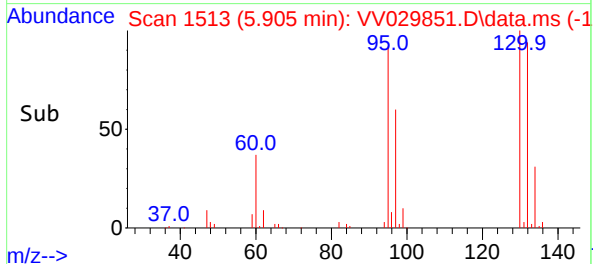
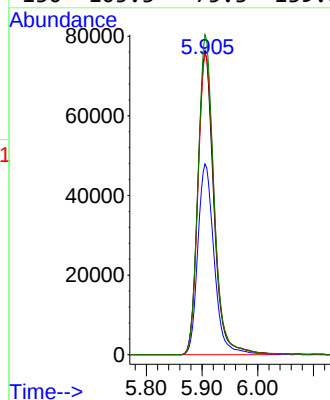
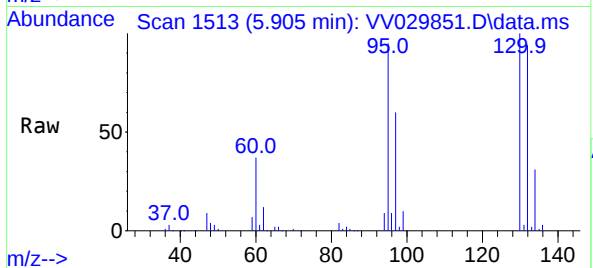
Ion Ratio Lower Upper

95 100

97 62.7 44.9 83.3

132 98.9 71.8 133.4

130 105.3 75.3 139.8



#35

Methylcyclohexane

Concen: 0.866 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029851.D

Acq: 14 Jan 2023 12:05

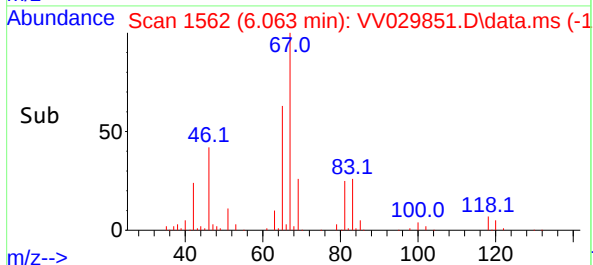
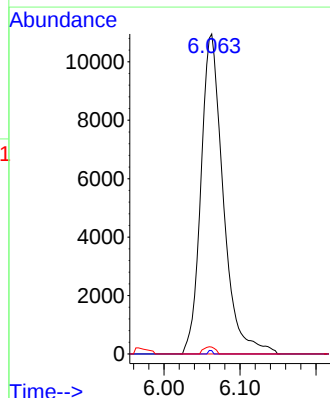
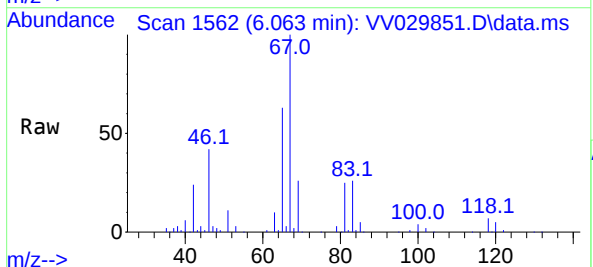
Tgt Ion: 83 Resp: 22354

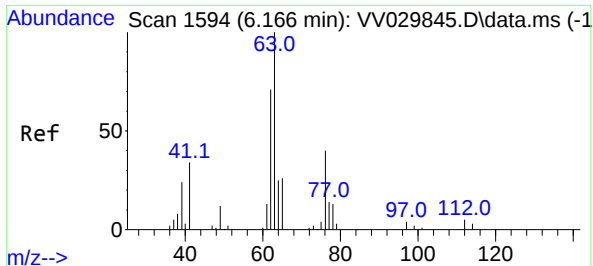
Ion Ratio Lower Upper

83 100

55 0.2 57.3 85.9#

98 1.2 39.0 58.6#

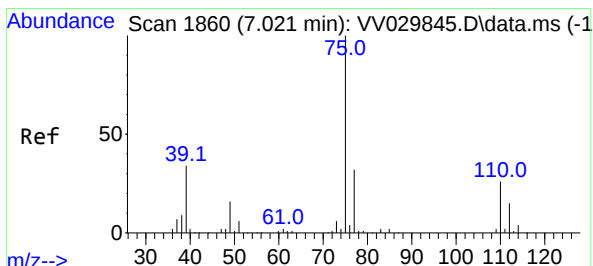
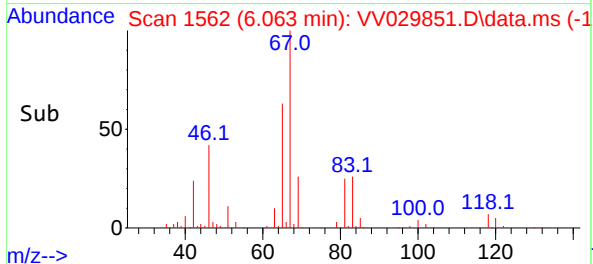
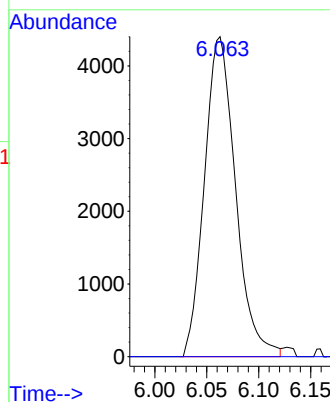
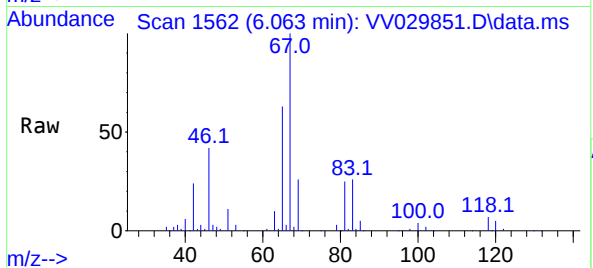




#37
1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV029851.D
Acq: 14 Jan 2023 12:05

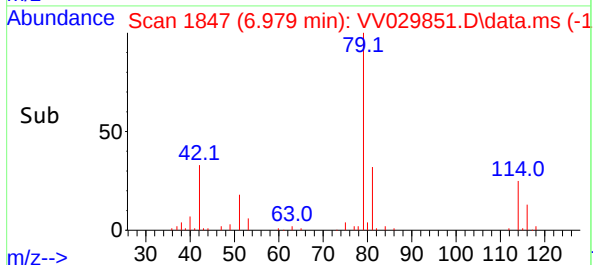
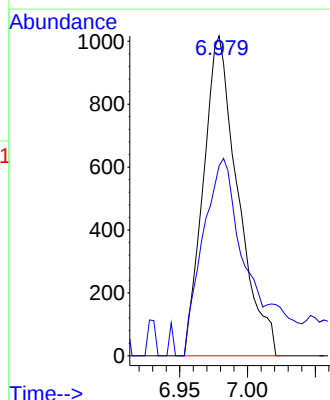
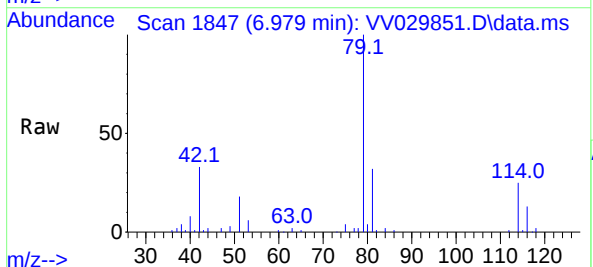
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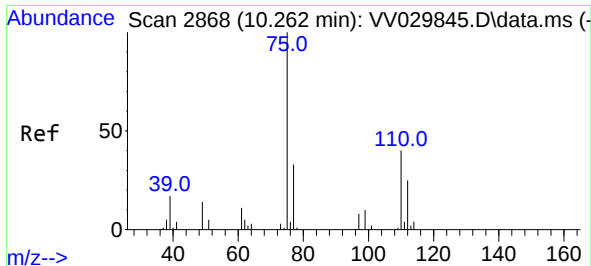
Tgt Ion: 63 Resp: 9174
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. -0.039 min
Lab File: VV029851.D
Acq: 14 Jan 2023 12:05

Tgt Ion: 75 Resp: 1798
Ion Ratio Lower Upper
75 100
77 59.4 22.4 41.6#

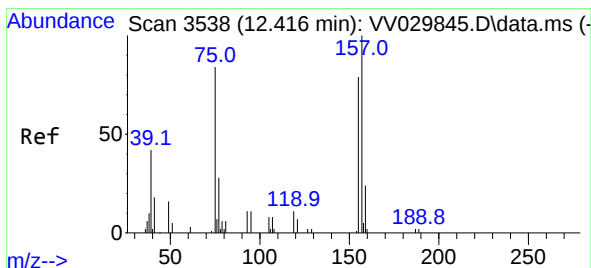
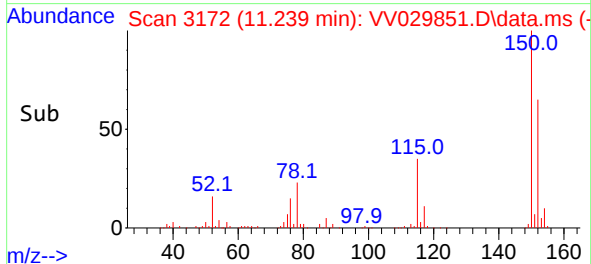
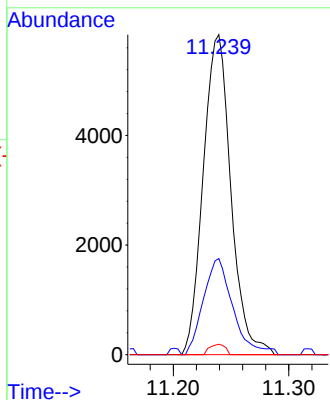
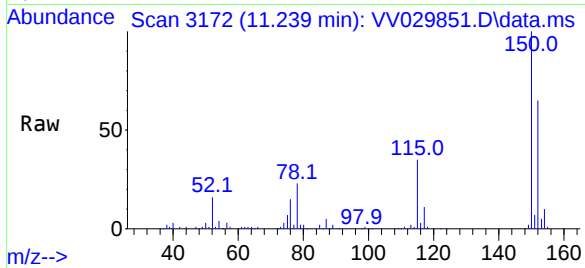




#61
1,2,3-Trichloropropane
Concen: 1.525 ug/L
RT: 11.239 min Scan# 3112
Delta R.T. 0.977 min
Lab File: VV029851.D
Acq: 14 Jan 2023 12:05

Instrument :
MSVOA_V
ClientSampleId :
COL52

Tgt Ion: 75 Resp: 9731
Ion Ratio Lower Upper
75 100
77 32.0 26.5 39.7
110 1.8 31.8 47.8#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.172 ug/L
RT: 12.243 min Scan# 3484
Delta R.T. -0.174 min
Lab File: VV029851.D
Acq: 14 Jan 2023 12:05

Tgt Ion: 75 Resp: 259
Ion Ratio Lower Upper
75 100
155 0.0 75.5 113.3#
157 0.0 99.2 148.8#

