

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029848.D
 Acq On : 14 Jan 2023 10:55
 Operator : SY/MD
 Sample : 01149-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL55

Quant Time: Jan 16 00:39:33 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)

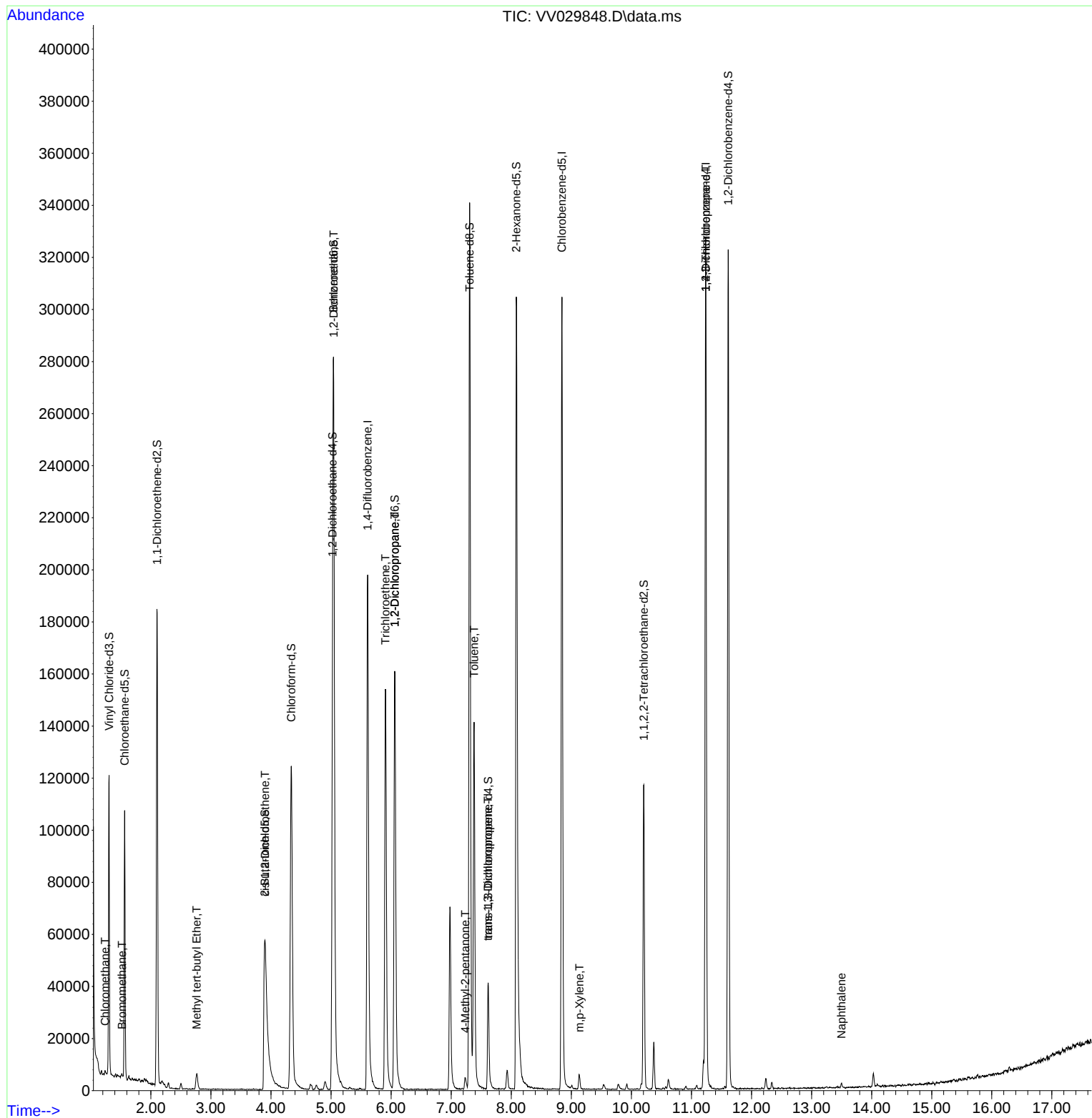
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	187677	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	183973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	94033	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69751	4.900	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.000%
7) Chloroethane-d5	1.564	69	63587	5.389	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.800%
11) 1,1-Dichloroethene-d2	2.101	63	94969	3.660	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.896	46	134455	53.290	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.580%
24) Chloroform-d	4.339	84	138728	5.313	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.024	65	60901	5.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	5.040	84	285668	5.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.059	67	86752	5.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%
41) Toluene-d8	7.307	98	243297	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.616	79	26445	4.534	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.085	63	123806	52.135	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.280%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	60612	5.179	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	89380	5.228	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						Qvalue
3) Chloromethane	1.236	50	1060	0.058	ug/L	93
6) Bromomethane	1.519	94	467	0.053	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	6418	0.232	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	2756	0.174	ug/L	87
27) 1,2-Dichloroethane	5.043	62	1429	0.109	ug/L #	71
34) Trichloroethene	5.905	95	58352	3.785	ug/L	99
37) 1,2-Dichloropropane	6.059	63	8929	0.627	ug/L #	85
40) 4-Methyl-2-pentanone	7.233	43	3685	0.606	ug/L #	83
42) Toluene	7.381	91	111442	1.699	ug/L	100
44) trans-1,3-Dichloropropene	7.612	75	1167	0.076	ug/L #	52
53) m,p-Xylene	9.136	106	1802	0.066	ug/L	90
61) 1,2,3-Trichloropropane	11.239	75	10201	1.465	ug/L #	66
71) Naphthalene	13.500	128	1921	0.077	ug/L #	85

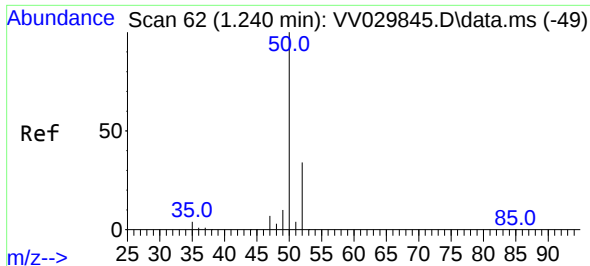
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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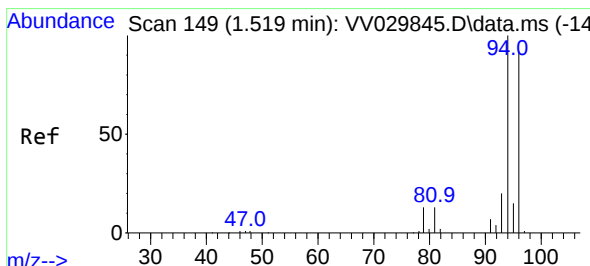
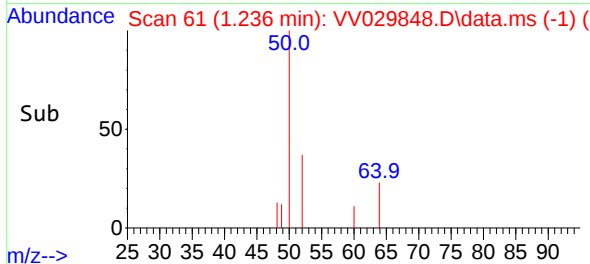
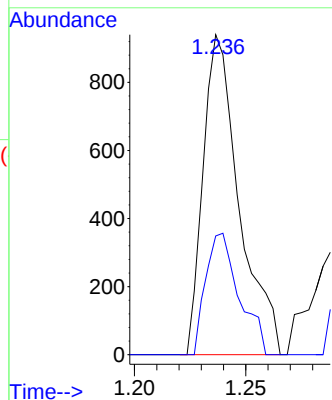
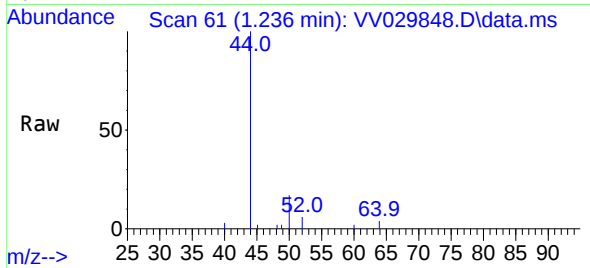




#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029848.D
Acq: 14 Jan 2023 10:55

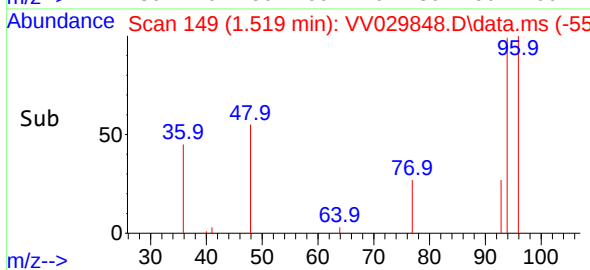
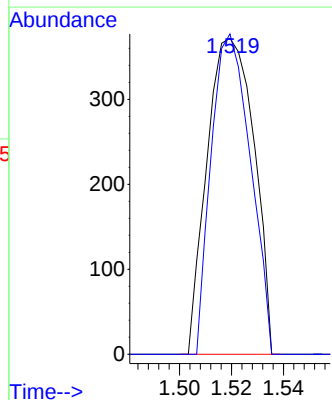
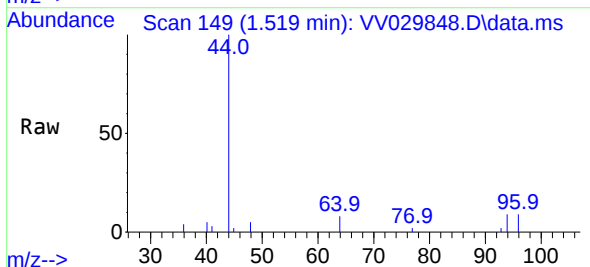
Instrument :
MSVOA_V
ClientSampleId :
COL55

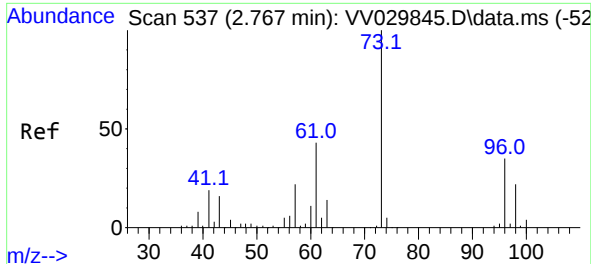
Tgt Ion: 50 Resp: 1060
Ion Ratio Lower Upper
50 100
52 37.1 23.1 42.9



#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV029848.D
Acq: 14 Jan 2023 10:55

Tgt Ion: 94 Resp: 467
Ion Ratio Lower Upper
94 100
96 101.3 65.9 122.5





#17

Methyl tert-butyl Ether

Concen: 0.232 ug/L

RT: 2.764 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV029848.D

Acq: 14 Jan 2023 10:55

Instrument :

MSVOA_V

ClientSampleId :

C0L55

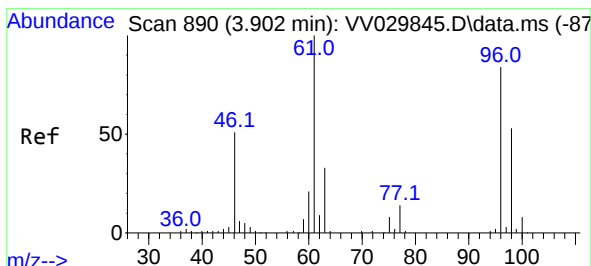
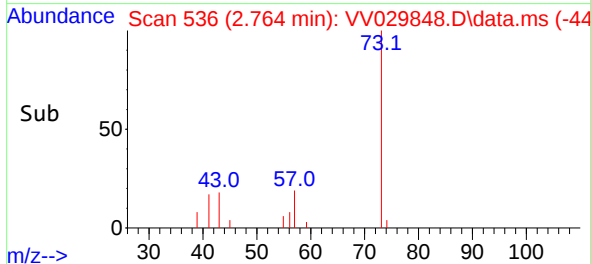
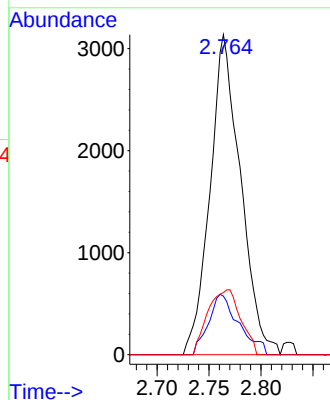
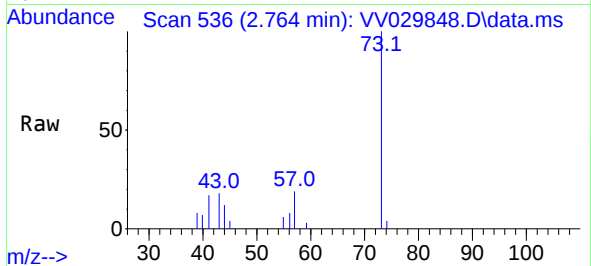
Tgt Ion: 73 Resp: 6418

Ion Ratio Lower Upper

73 100

43 18.8 13.0 19.4

57 21.8 17.1 25.7



#22

cis-1,2-Dichloroethene

Concen: 0.174 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV029848.D

Acq: 14 Jan 2023 10:55

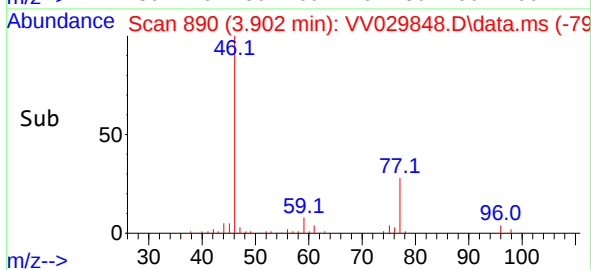
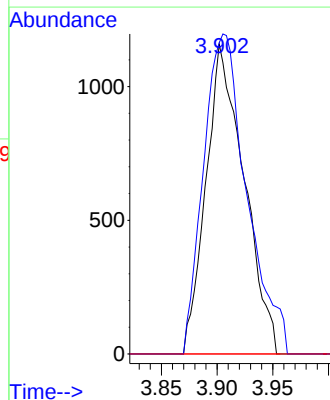
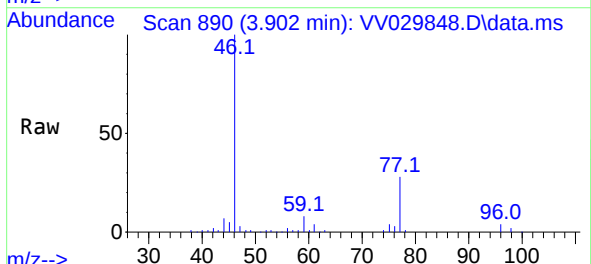
Tgt Ion: 96 Resp: 2756

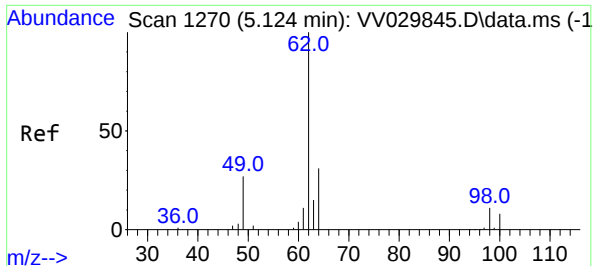
Ion Ratio Lower Upper

96 100

61 100.4 80.0 148.6

68 0.0 0.0 0.0

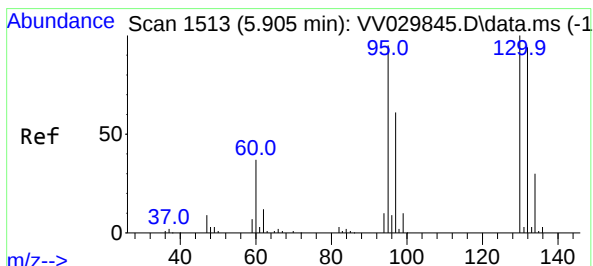
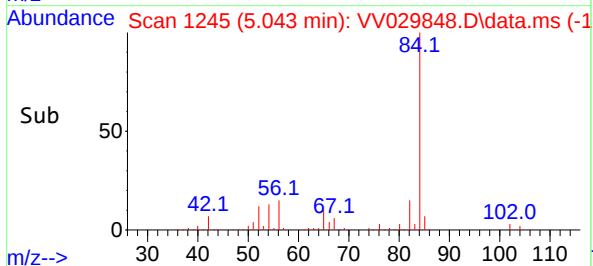
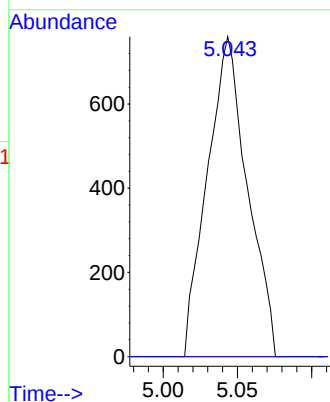
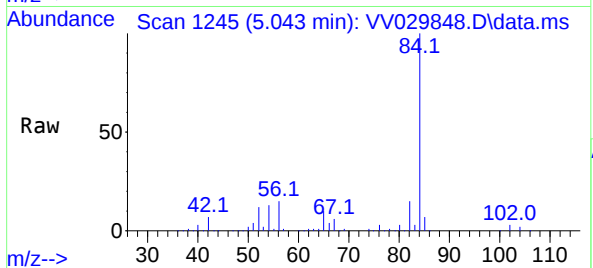




#27
1,2-Dichloroethane
Concen: 0.109 ug/L
RT: 5.043 min Scan# 11
Delta R.T. -0.077 min
Lab File: VV029848.D
Acq: 14 Jan 2023 10:55

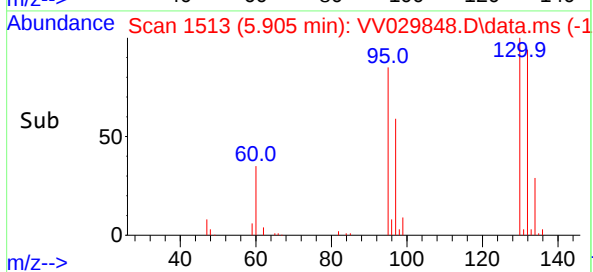
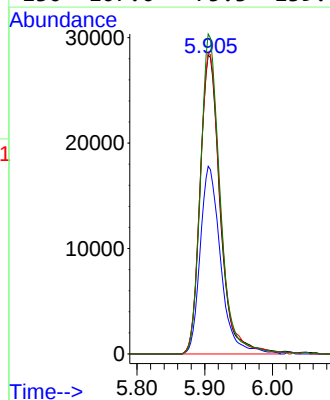
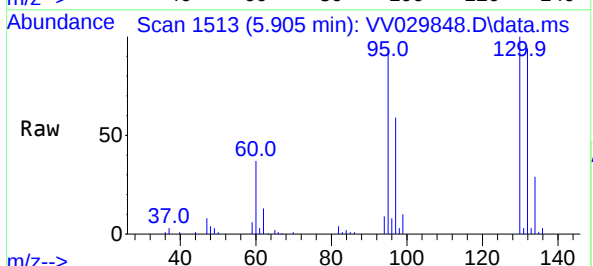
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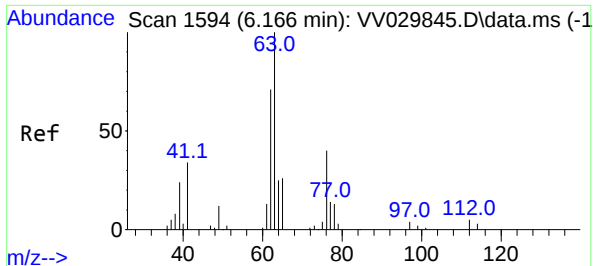
Tgt Ion: 62 Resp: 1429
Ion Ratio Lower Upper
62 100
98 0.0 8.9 13.3#



#34
Trichloroethene
Concen: 3.785 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VV029848.D
Acq: 14 Jan 2023 10:55

Tgt Ion: 95 Resp: 58352
Ion Ratio Lower Upper
95 100
97 62.8 44.9 83.3
132 100.6 71.8 133.4
130 107.0 75.3 139.8





#37

1,2-Dichloropropane

Concen: 0.627 ug/L

RT: 6.059 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV029848.D

Acq: 14 Jan 2023 10:55

Instrument :

MSVOA_V

ClientSampleId :

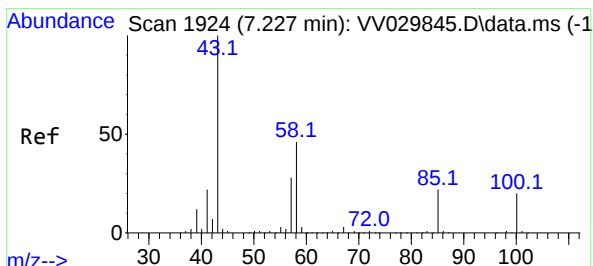
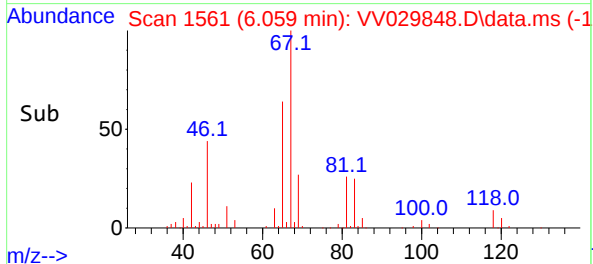
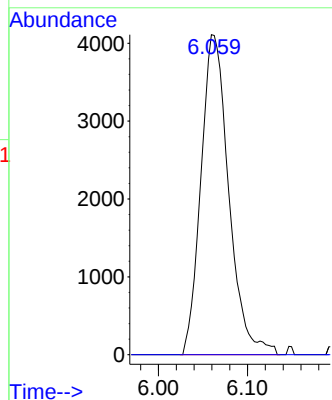
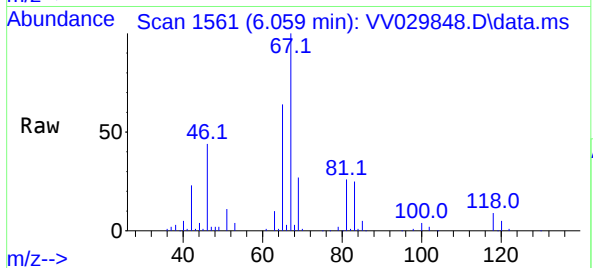
C0L55

Tgt Ion: 63 Resp: 8929

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#40

4-Methyl-2-pentanone

Concen: 0.606 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.010 min

Lab File: VV029848.D

Acq: 14 Jan 2023 10:55

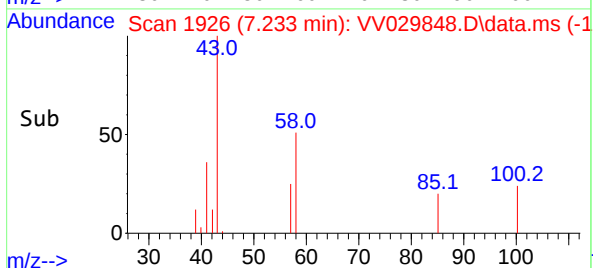
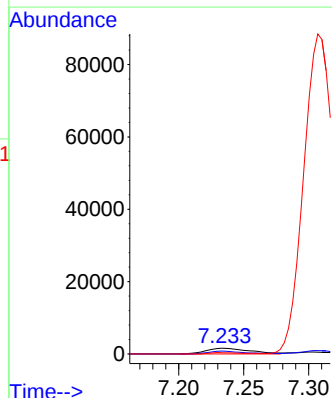
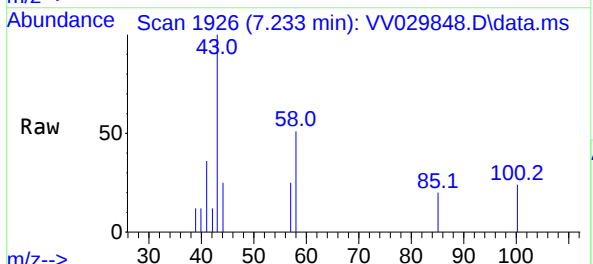
Tgt Ion: 43 Resp: 3685

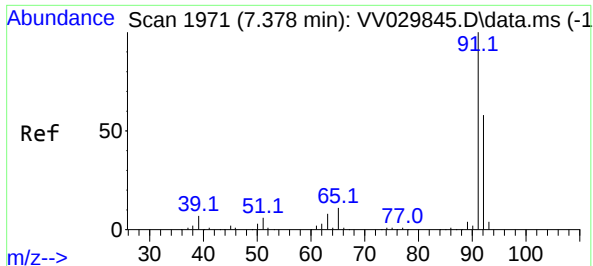
Ion Ratio Lower Upper

43 100

58 42.3 36.7 55.1

100 0.0 15.6 23.4#

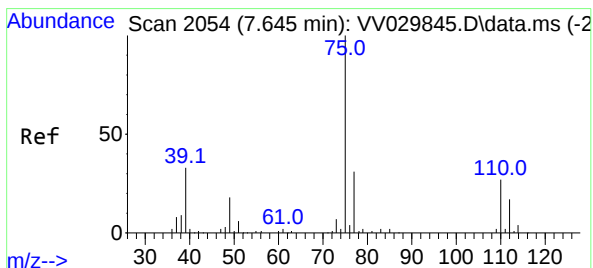
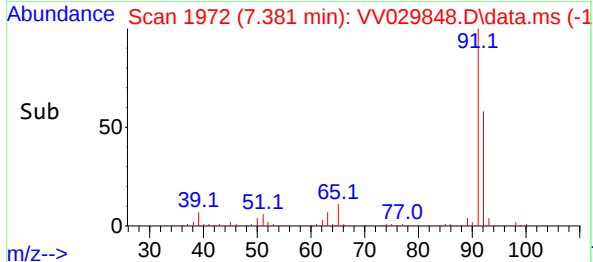
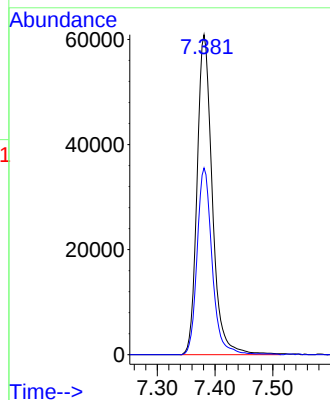
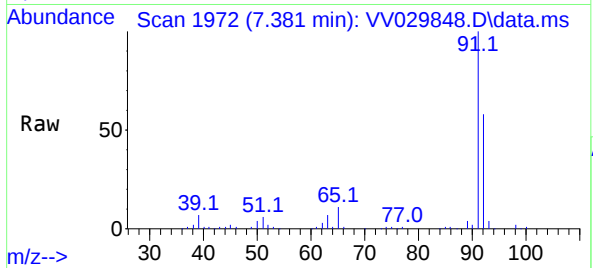




#42
Toluene
Concen: 1.699 ug/L
RT: 7.381 min Scan# 1971
Delta R.T. 0.003 min
Lab File: VV029848.D
Acq: 14 Jan 2023 10:55

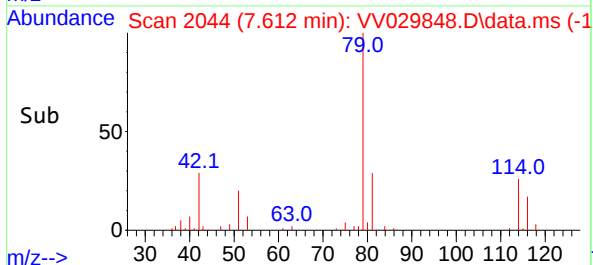
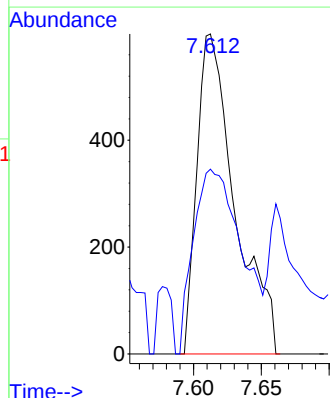
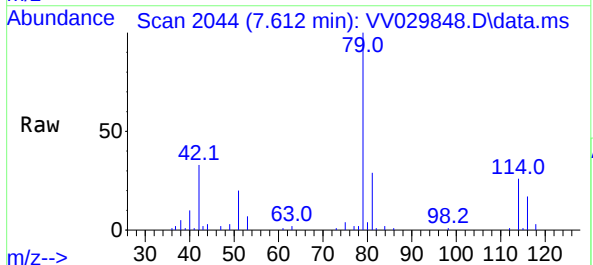
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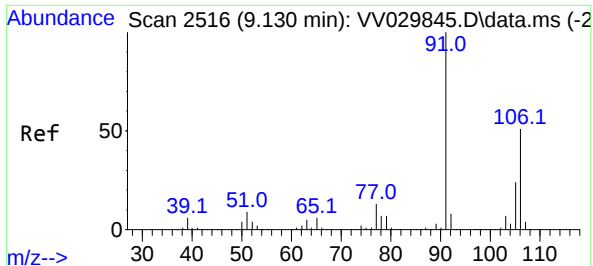
Tgt Ion: 91 Resp: 111442
Ion Ratio Lower Upper
91 100
92 58.3 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.612 min Scan# 2044
Delta R.T. -0.029 min
Lab File: VV029848.D
Acq: 14 Jan 2023 10:55

Tgt Ion: 75 Resp: 1167
Ion Ratio Lower Upper
75 100
77 57.8 21.9 40.7#

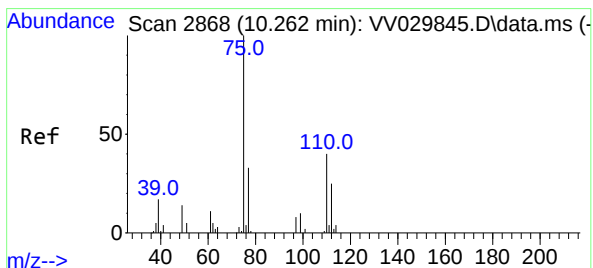
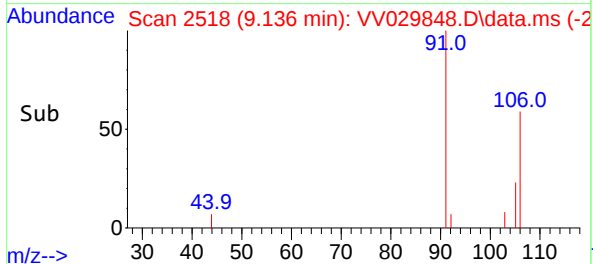
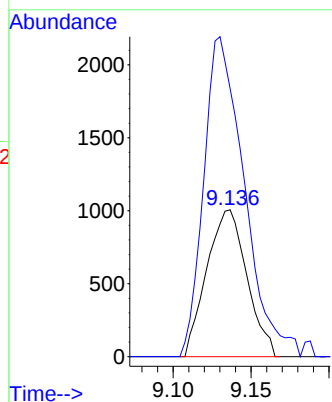
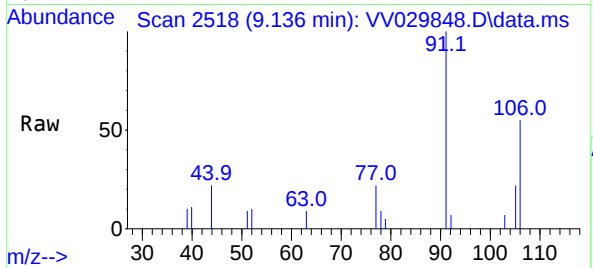




#53
m,p-Xylene
Concen: 0.066 ug/L
RT: 9.136 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV029848.D
Acq: 14 Jan 2023 10:55

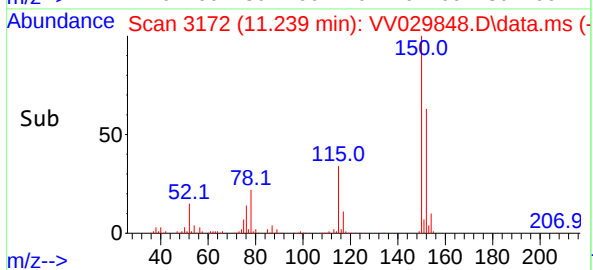
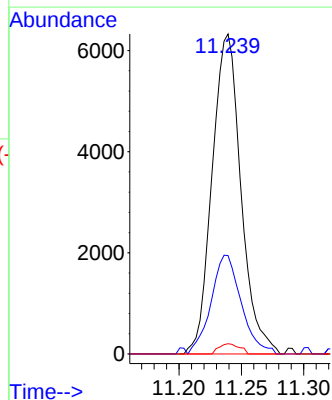
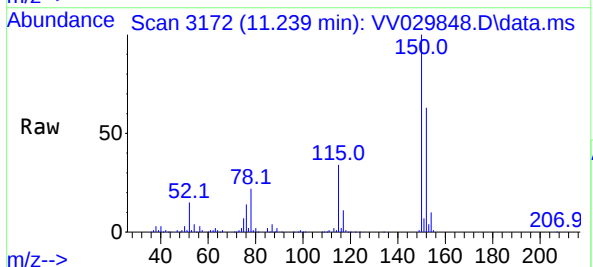
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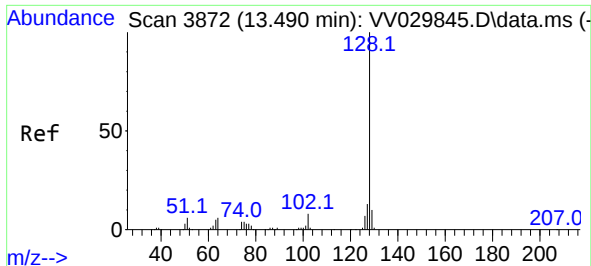
Tgt Ion:106 Resp: 1802
Ion Ratio Lower Upper
106 100
91 182.7 138.7 257.7



#61
1,2,3-Trichloropropane
Concen: 1.465 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.977 min
Lab File: VV029848.D
Acq: 14 Jan 2023 10:55

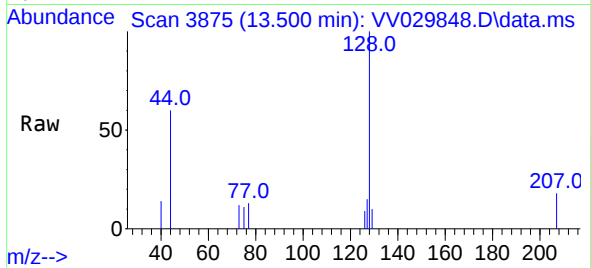
Tgt Ion: 75 Resp: 10201
Ion Ratio Lower Upper
75 100
77 32.3 26.5 39.7
110 2.3 31.8 47.8#





#71
Naphthalene
Concen: 0.077 ug/L
RT: 13.500 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV029848.D
Acq: 14 Jan 2023 10:55

Instrument :
MSVOA_V
ClientSampleId :
COL55



Tgt Ion:128 Resp: 1921
Ion Ratio Lower Upper
128 100
129 3.5 8.6 12.8#
127 8.3 10.0 15.0#

