

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029853.D
 Acq On : 14 Jan 2023 12:53
 Operator : SY/MD
 Sample : 01149-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL56

Quant Time: Jan 16 00:40:16 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)

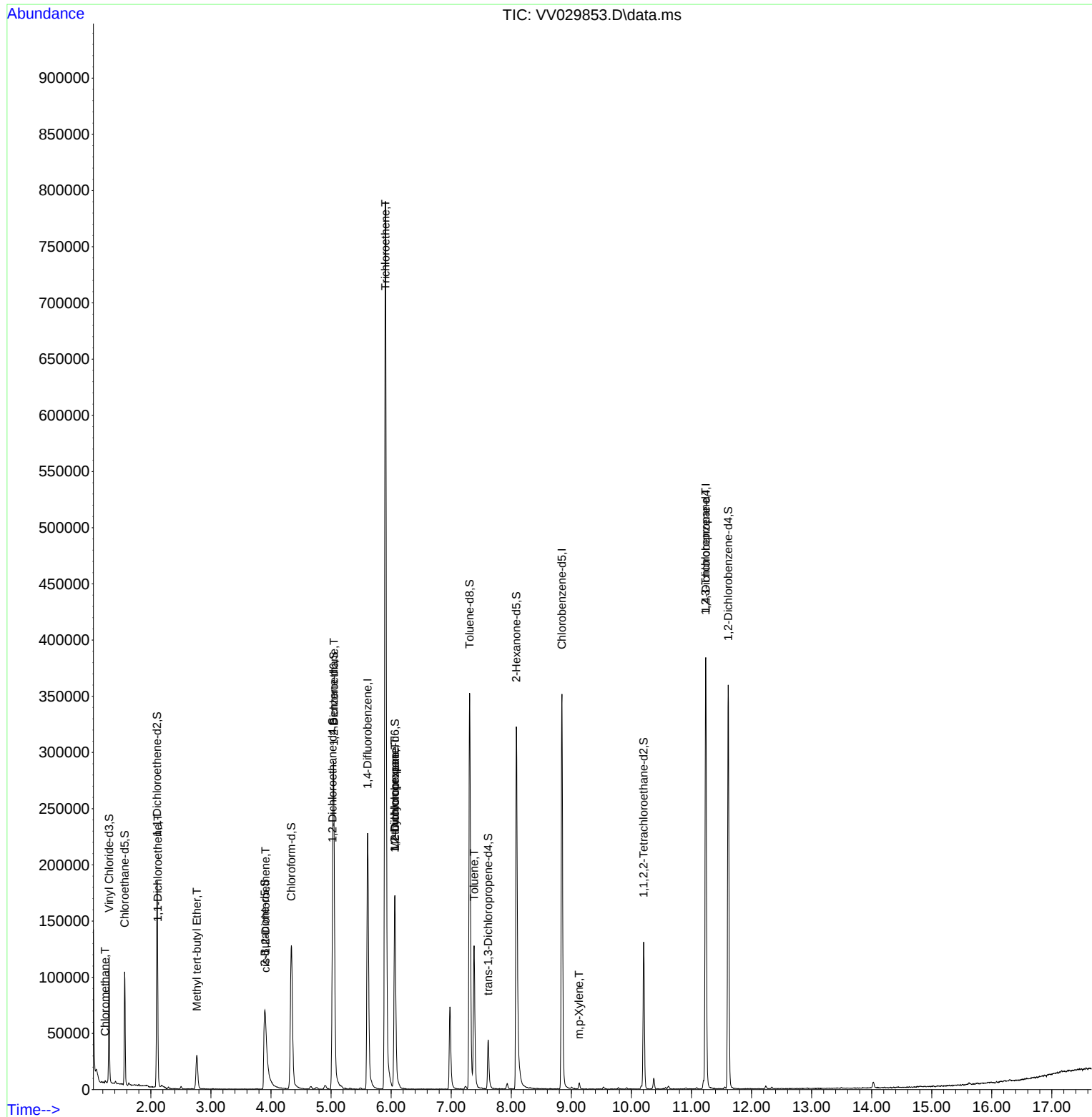
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	210785	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	211259	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	110120	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	66804	4.178	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.564	69	63034	4.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.104	63	94902	3.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.895	46	143608	50.678	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.360%
24) Chloroform-d	4.339	84	143632	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.024	65	64523	5.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.043	84	293297	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.063	67	92185	5.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.307	98	253625	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	7.616	79	28049	4.188	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.085	63	127938	46.917	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.840%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	66722	4.964	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	99424	4.966	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1232	0.060	ug/L	99
12) 1,1-Dichloroethene	2.114	96	1544	0.086	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	31346	1.007	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	6487	0.364	ug/L	91
27) 1,2-Dichloroethane	5.047	62	1437	0.097	ug/L #	71
34) Trichloroethene	5.905	95	293611	16.587	ug/L	97
35) Methylcyclohexane	6.063	83	22106	0.740	ug/L #	21
37) 1,2-Dichloropropane	6.059	63	9621	0.588	ug/L #	85
42) Toluene	7.381	91	98792	1.311	ug/L	99
53) m,p-Xylene	9.127	106	1808	0.058	ug/L	86
61) 1,2,3-Trichloropropane	11.236	75	11642	1.428	ug/L #	66

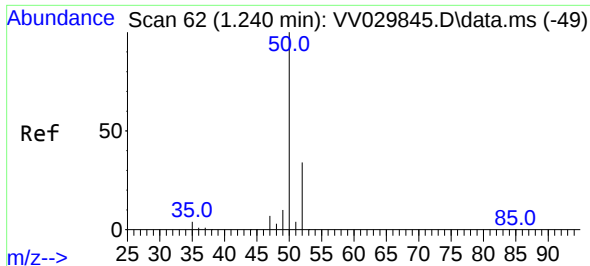
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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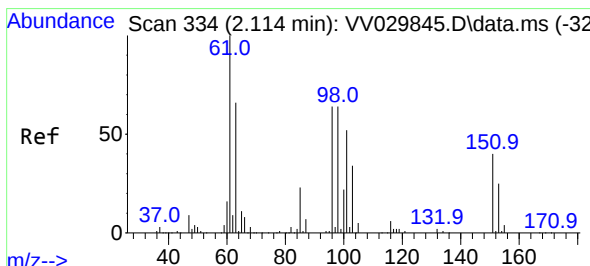
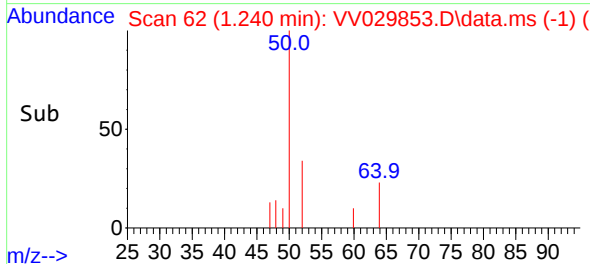
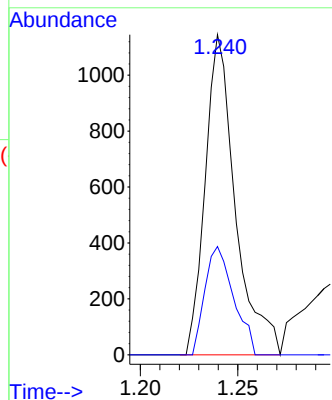
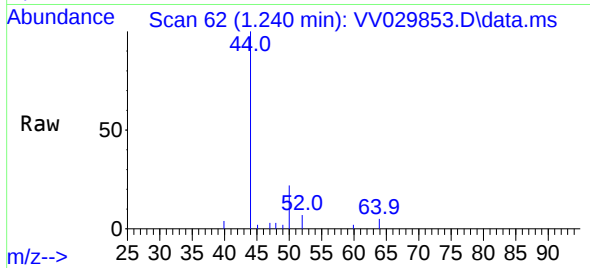




#3
Chloromethane
Concen: 0.060 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029853.D
Acq: 14 Jan 2023 12:53

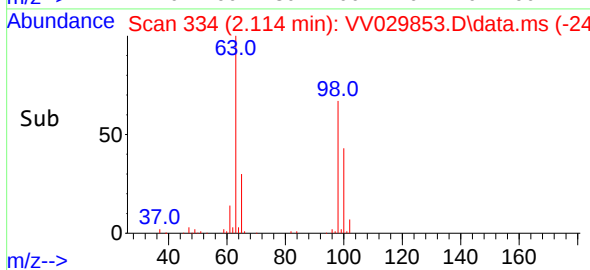
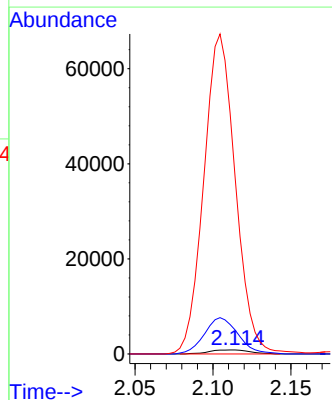
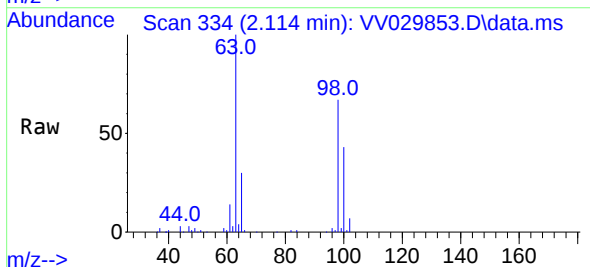
Instrument :
MSVOA_V
ClientSampleId :
COL56

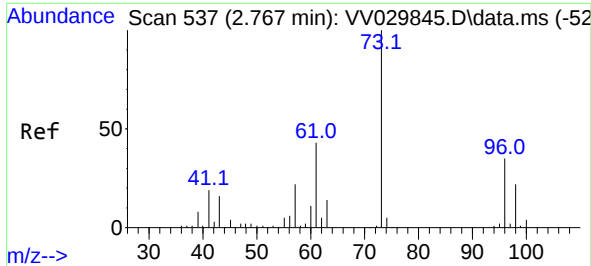
Tgt Ion: 50 Resp: 1232
Ion Ratio Lower Upper
50 100
52 33.8 23.1 42.9



#12
1,1-Dichloroethene
Concen: 0.086 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029853.D
Acq: 14 Jan 2023 12:53

Tgt Ion: 96 Resp: 1544
Ion Ratio Lower Upper
96 100
61 595.0 106.1 197.1#
63 4397.6 76.4 141.8#





#17

Methyl tert-butyl Ether

Concen: 1.007 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV029853.D

Acq: 14 Jan 2023 12:53

Instrument :

MSVOA_V

ClientSampleId :

C0L56

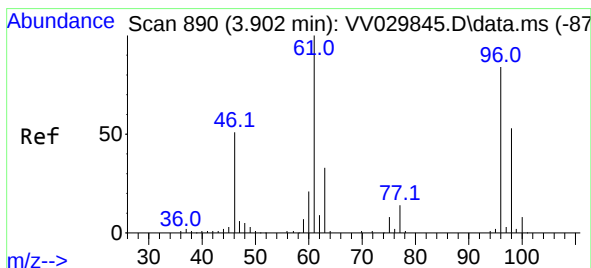
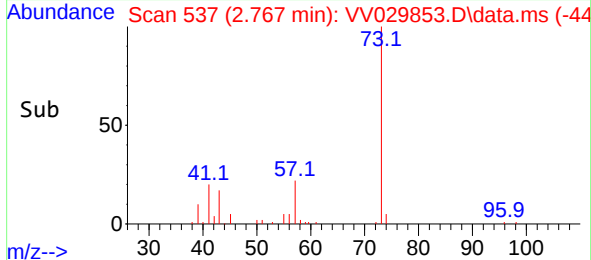
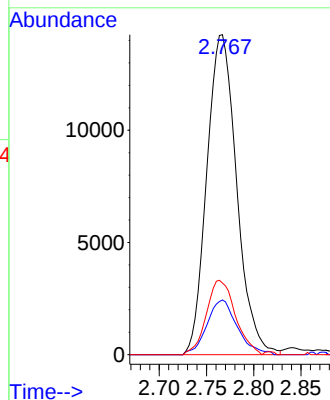
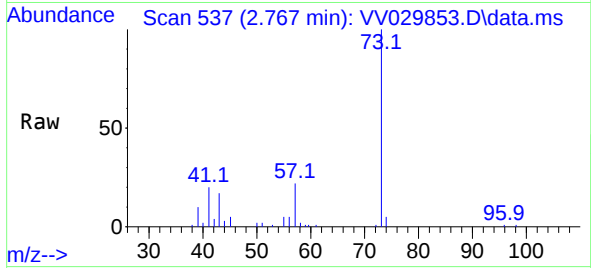
Tgt Ion: 73 Resp: 31346

Ion Ratio Lower Upper

73 100

43 17.4 13.0 19.4

57 22.6 17.1 25.7



#22

cis-1,2-Dichloroethene

Concen: 0.364 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.009 min

Lab File: VV029853.D

Acq: 14 Jan 2023 12:53

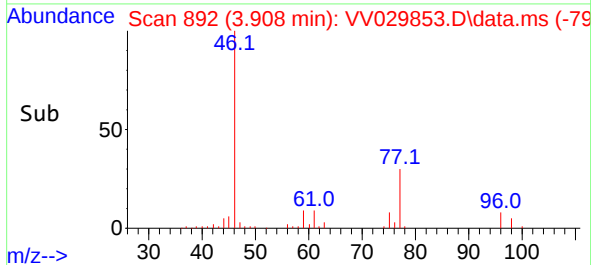
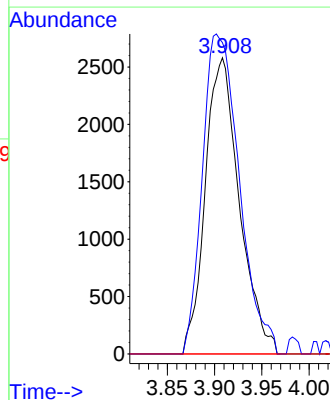
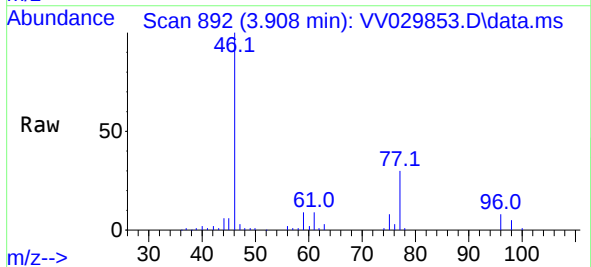
Tgt Ion: 96 Resp: 6487

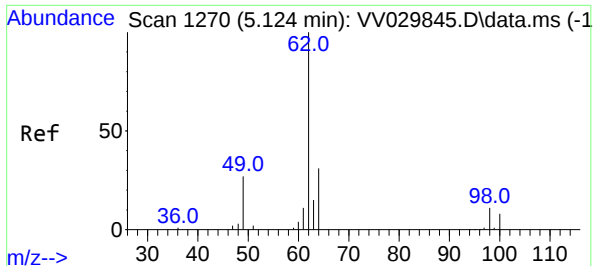
Ion Ratio Lower Upper

96 100

61 105.1 80.0 148.6

68 0.0 0.0 0.0

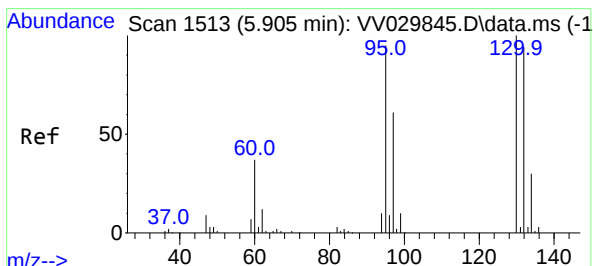
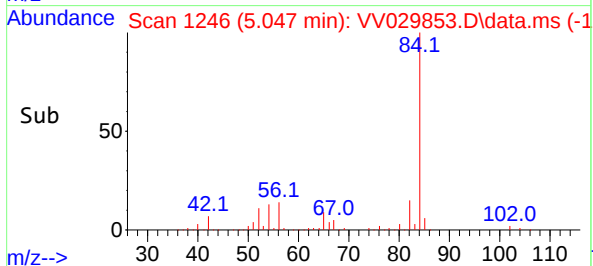
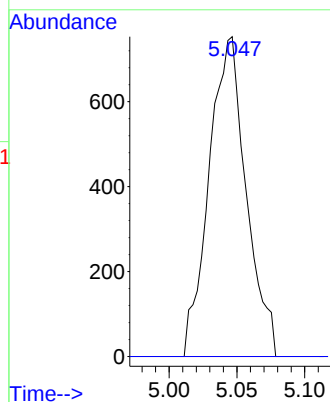
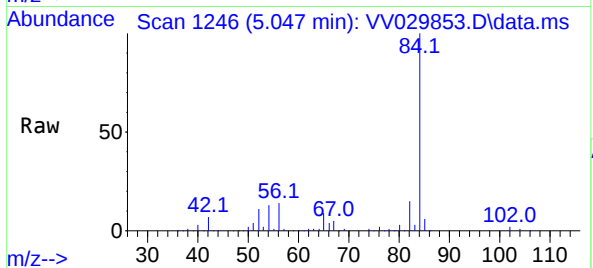




#27
1,2-Dichloroethane
Concen: 0.097 ug/L
RT: 5.047 min Scan# 11
Delta R.T. -0.074 min
Lab File: VV029853.D
Acq: 14 Jan 2023 12:53

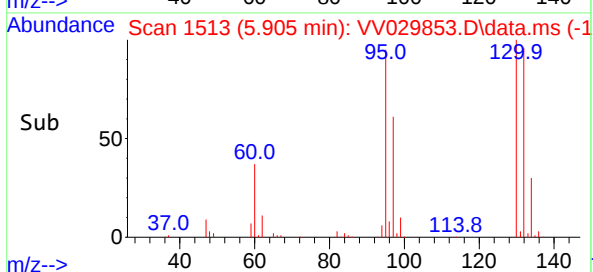
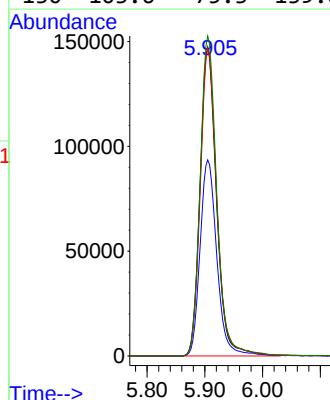
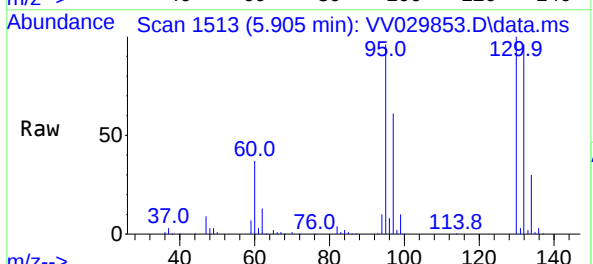
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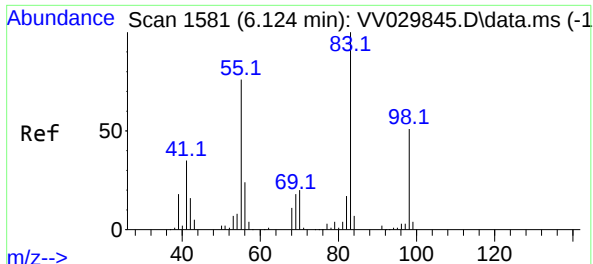
Tgt Ion: 62 Resp: 1437
Ion Ratio Lower Upper
62 100
98 0.0 8.9 13.3#



#34
Trichloroethene
Concen: 16.587 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VV029853.D
Acq: 14 Jan 2023 12:53

Tgt Ion: 95 Resp: 293611
Ion Ratio Lower Upper
95 100
97 63.5 44.9 83.3
132 99.6 71.8 133.4
130 103.6 75.3 139.8

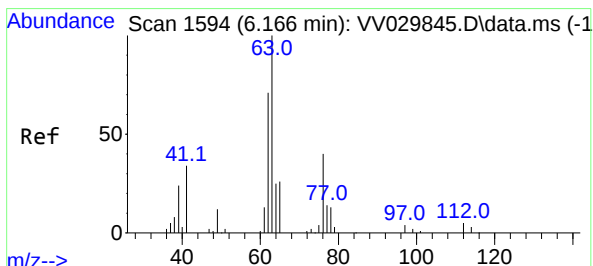
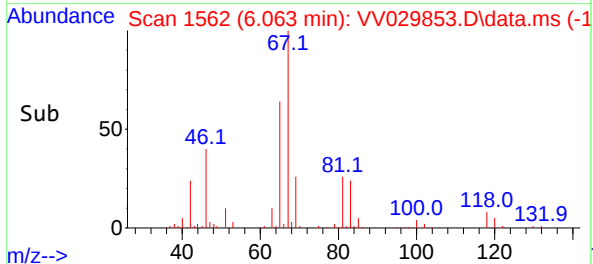
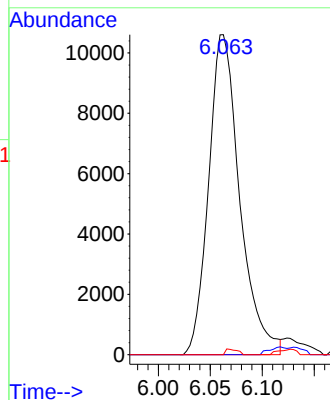
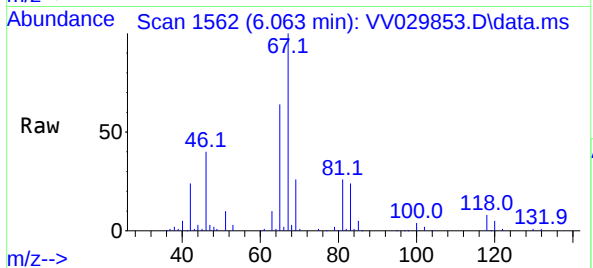




#35
Methylcyclohexane
Concen: 0.740 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV029853.D
Acq: 14 Jan 2023 12:53

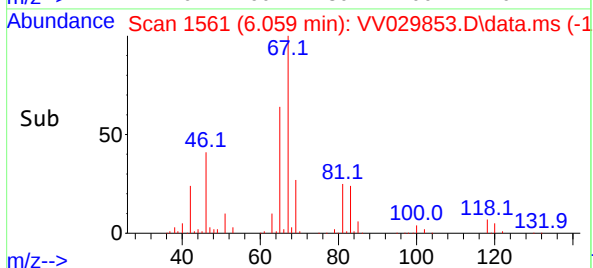
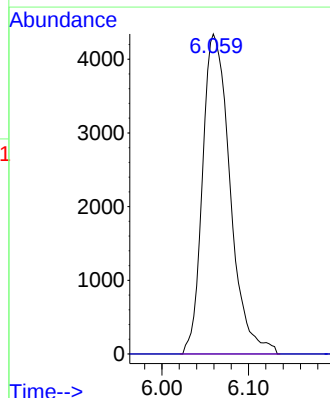
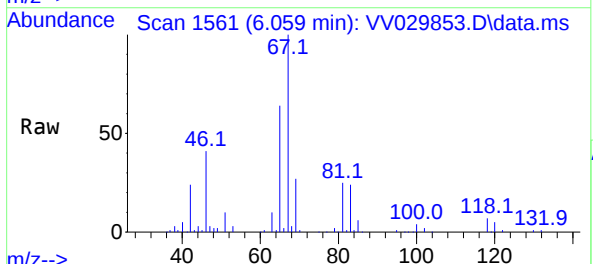
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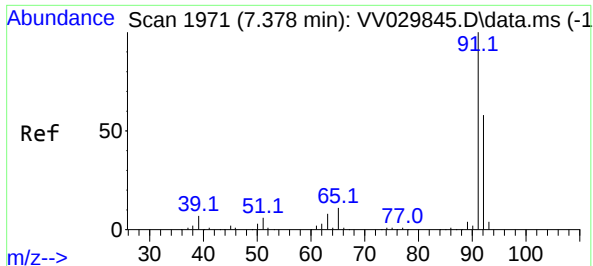
Tgt Ion: 83 Resp: 22106
Ion Ratio Lower Upper
83 100
55 1.3 57.3 85.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.103 min
Lab File: VV029853.D
Acq: 14 Jan 2023 12:53

Tgt Ion: 63 Resp: 9621
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

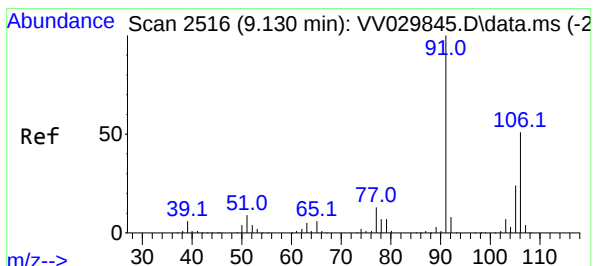
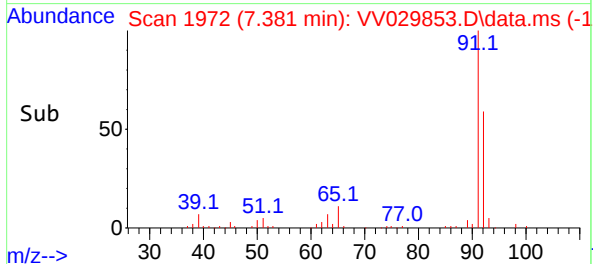
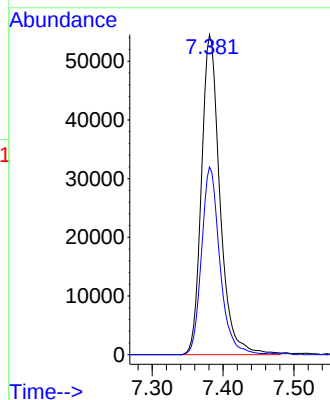
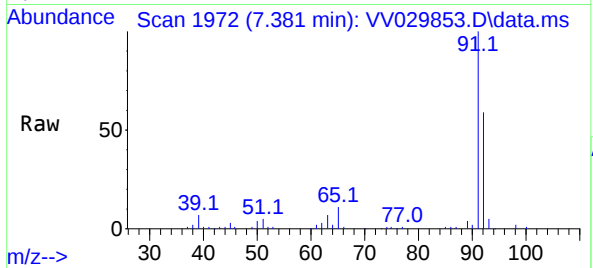




#42
Toluene
Concen: 1.311 ug/L
RT: 7.381 min Scan# 1971
Delta R.T. 0.003 min
Lab File: VV029853.D
Acq: 14 Jan 2023 12:53

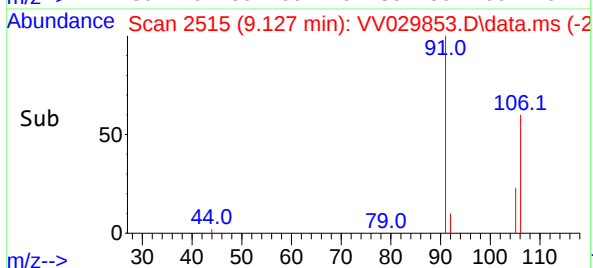
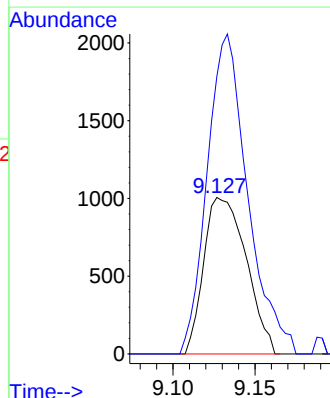
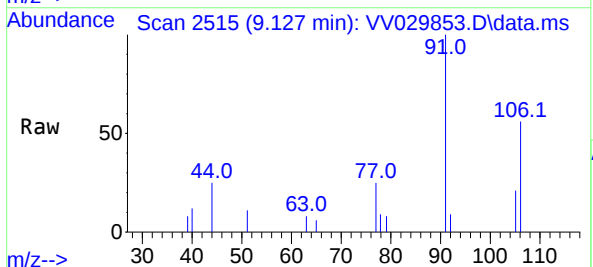
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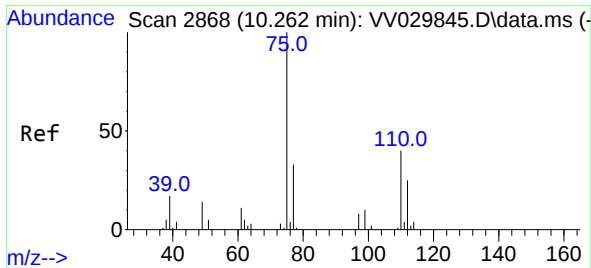
Tgt Ion: 91 Resp: 98792
Ion Ratio Lower Upper
91 100
92 58.6 40.6 75.4



#53
m,p-Xylene
Concen: 0.058 ug/L
RT: 9.127 min Scan# 2515
Delta R.T. -0.003 min
Lab File: VV029853.D
Acq: 14 Jan 2023 12:53

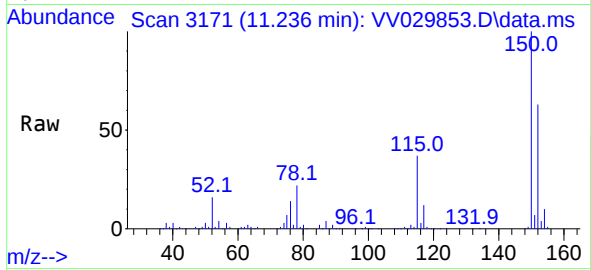
Tgt Ion: 106 Resp: 1808
Ion Ratio Lower Upper
106 100
91 177.3 138.7 257.7





#61
 1,2,3-Trichloropropane
 Concen: 1.428 ug/L
 RT: 11.236 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV029853.D
 Acq: 14 Jan 2023 12:53

Instrument :
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 ClientSampleId :
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Tgt Ion: 75 Resp: 11642
 Ion Ratio Lower Upper
 75 100
 77 34.2 26.5 39.7
 110 2.3 31.8 47.8#

