

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029829.D
 Acq On : 13 Jan 2023 23:53
 Operator : SY/MD
 Sample : 01136-01 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB4

Quant Time: Jan 14 01:08:59 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)

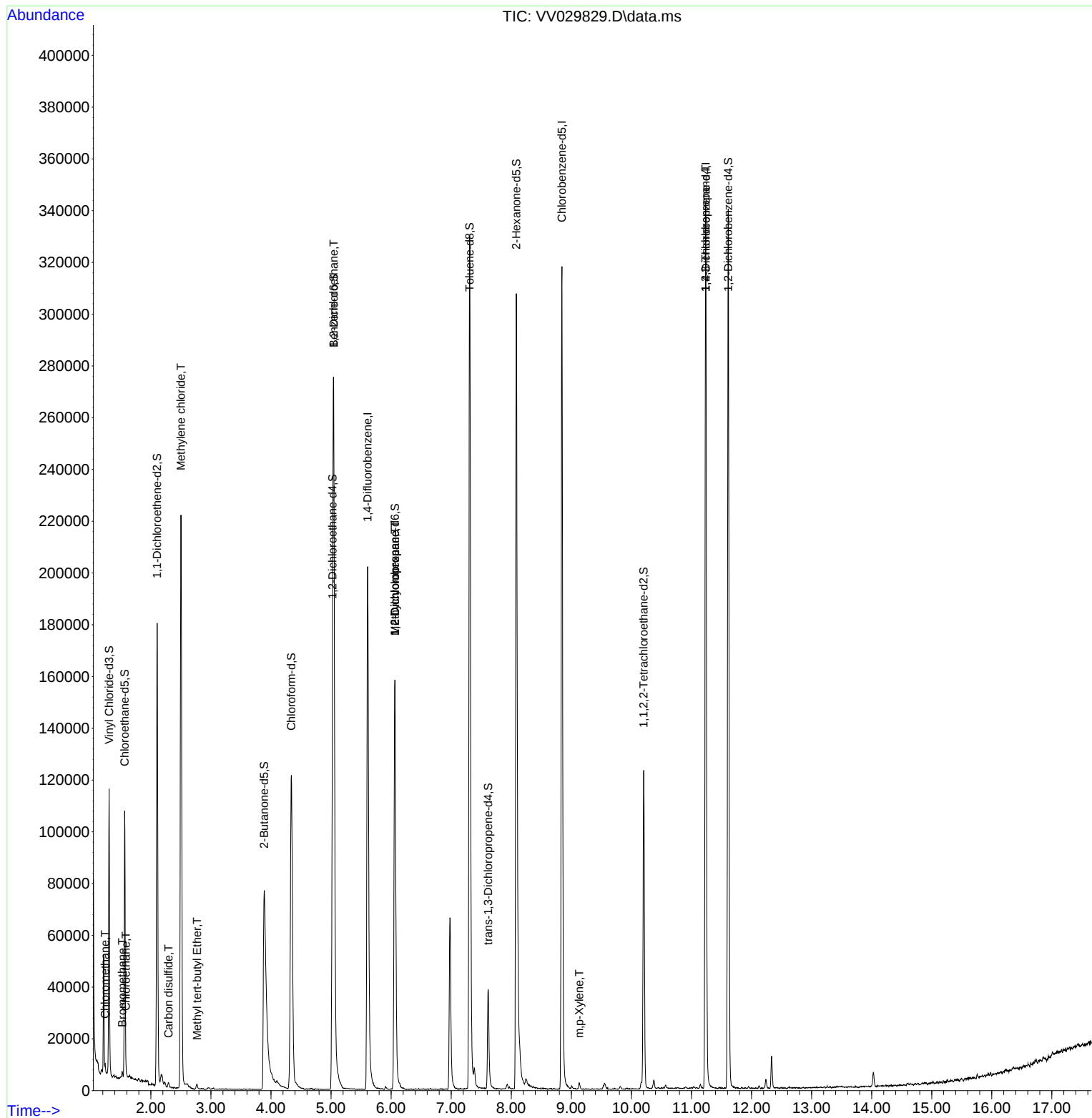
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	190991	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	189943	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	98200	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67852	4.684	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.564	69	64079	5.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.800%
11) 1,1-Dichloroethene-d2	2.105	63	91348	3.459	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	3.886	46	124432	48.462	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.920%
24) Chloroform-d	4.339	84	134543	5.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.024	65	58715	5.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.043	84	280243	4.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.063	67	84851	5.146	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.307	98	240940	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.616	79	24794	4.117	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.085	63	123334	50.304	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.600%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	62685	5.187	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	93522	5.238	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2209	0.118	ug/L	99
6) Bromomethane	1.523	94	944	0.106	ug/L	96
8) Chloroethane	1.584	64	1696	0.152	ug/L	95
14) Carbon disulfide	2.294	76	3125	0.067	ug/L #	88
16) Methylene chloride	2.500	84	97886	4.832	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	1594	0.057	ug/L	96
27) 1,2-Dichloroethane	5.043	62	1299	0.097	ug/L #	71
35) Methylcyclohexane	6.063	83	20550	0.765	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	8438	0.574	ug/L #	85
53) m,p-Xylene	9.133	106	935	0.033	ug/L	92
61) 1,2,3-Trichloropropane	11.236	75	10903	1.499	ug/L #	66

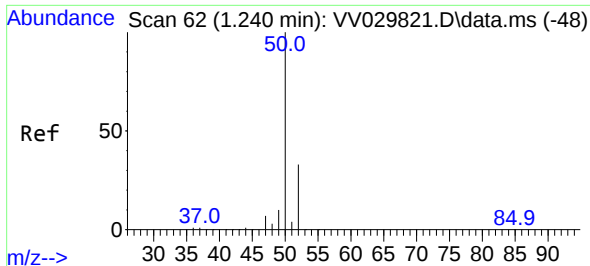
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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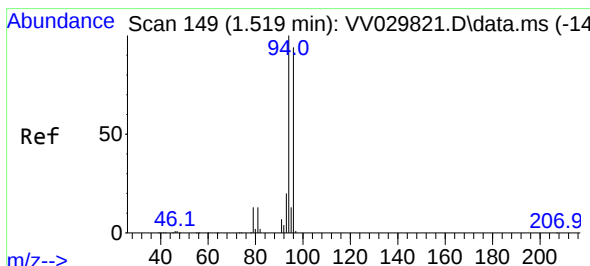
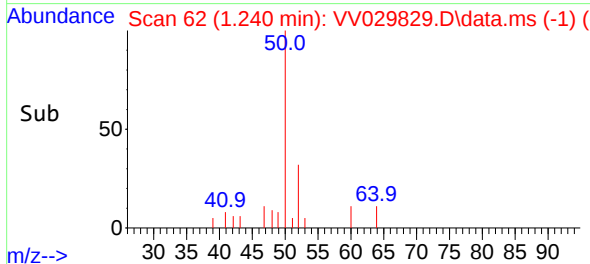
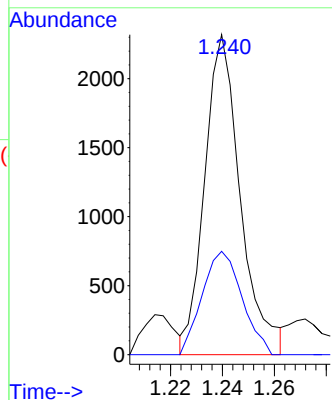
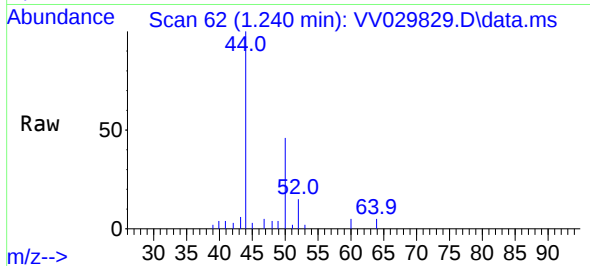




#3
Chloromethane
Concen: 0.118 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029829.D
Acq: 13 Jan 2023 23:53

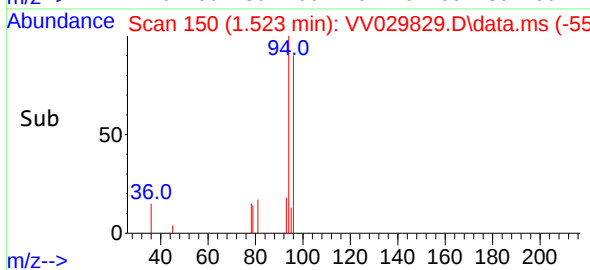
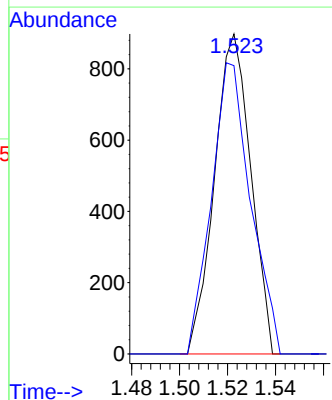
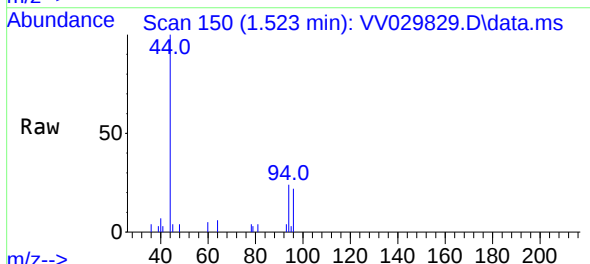
Instrument :
MSVOA_V
ClientSampleId :
BGJB4

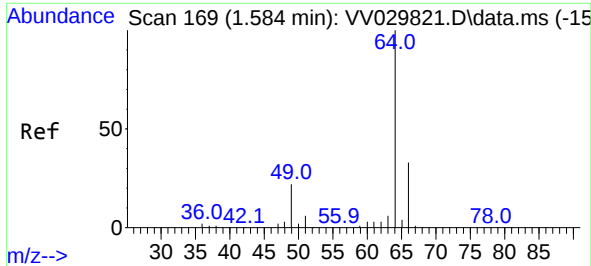
Tgt Ion: 50 Resp: 2209
Ion Ratio Lower Upper
50 100
52 32.3 23.1 42.9



#6
Bromomethane
Concen: 0.106 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.006 min
Lab File: VV029829.D
Acq: 13 Jan 2023 23:53

Tgt Ion: 94 Resp: 944
Ion Ratio Lower Upper
94 100
96 90.1 65.9 122.5

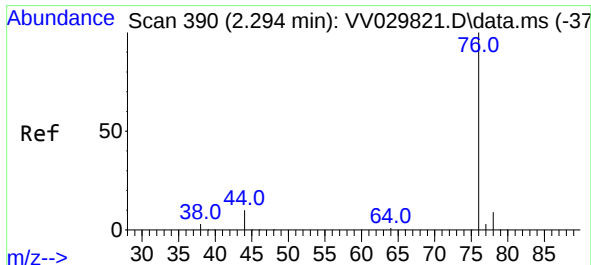
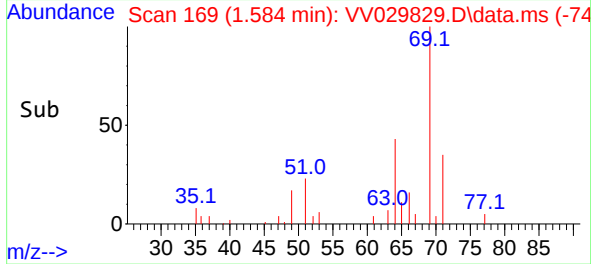
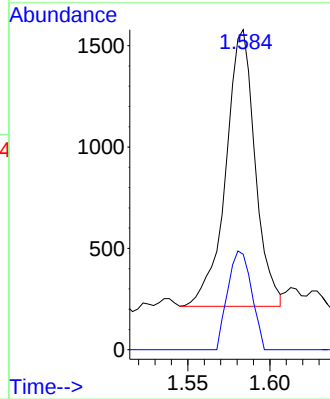
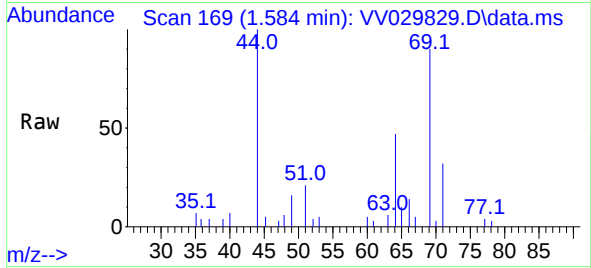




#8
Chloroethane
Concen: 0.152 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV029829.D
Acq: 13 Jan 2023 23:53

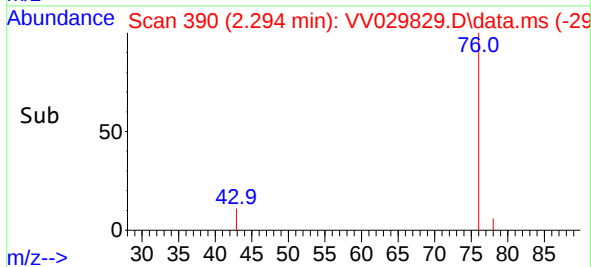
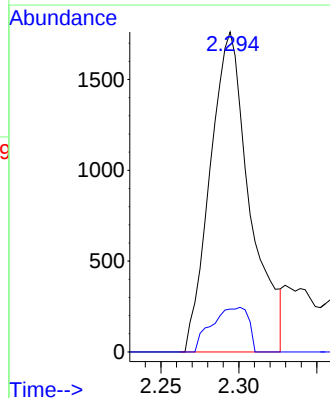
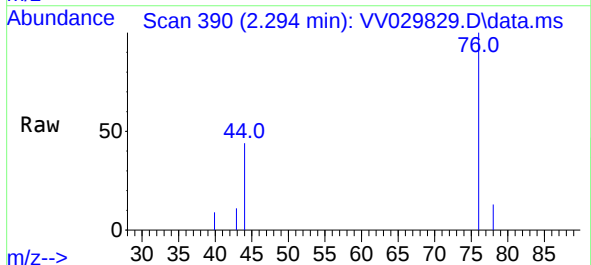
Instrument :
MSVOA_V
ClientSampleId :
BGJB4

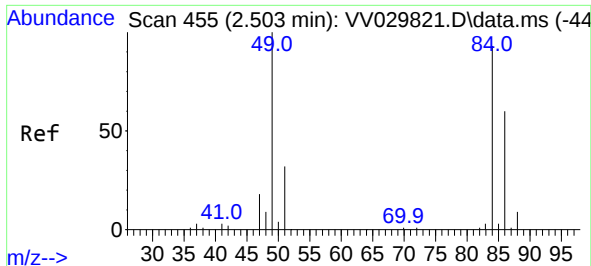
Tgt Ion: 64 Resp: 1696
Ion Ratio Lower Upper
64 100
66 29.8 22.9 42.5



#14
Carbon disulfide
Concen: 0.067 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.010 min
Lab File: VV029829.D
Acq: 13 Jan 2023 23:53

Tgt Ion: 76 Resp: 3125
Ion Ratio Lower Upper
76 100
78 13.4 7.4 11.0#

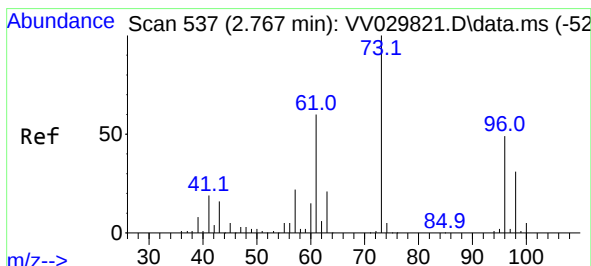
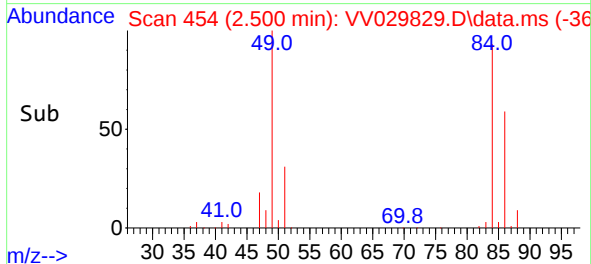
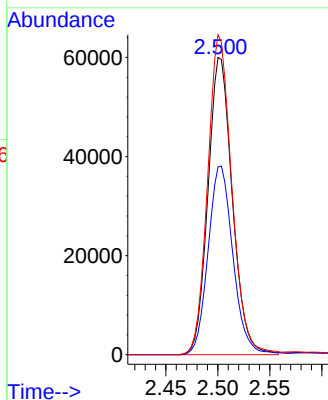
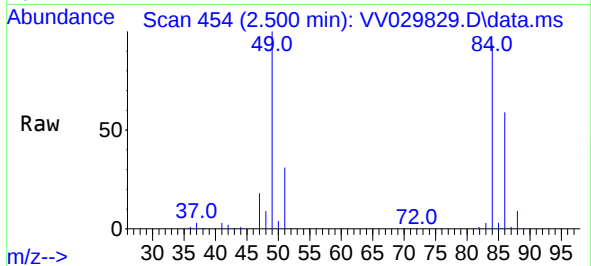




#16
Methylene chloride
Concen: 4.832 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029829.D
Acq: 13 Jan 2023 23:53

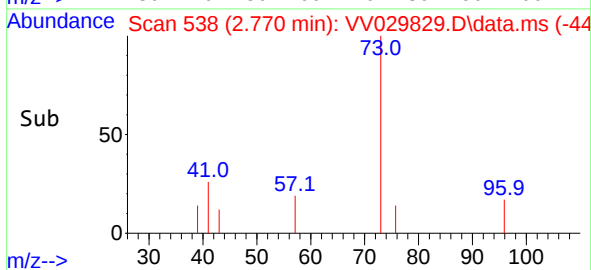
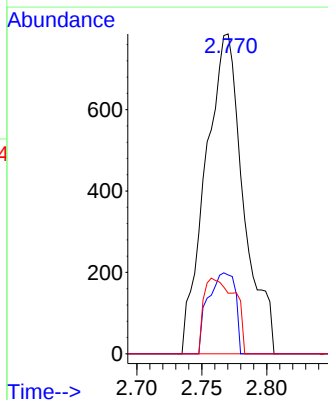
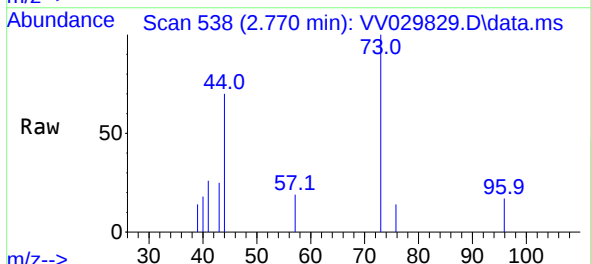
Instrument :
MSVOA_V
ClientSampleId :
BGJB4

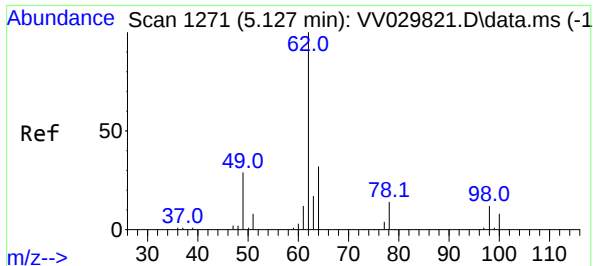
Tgt Ion: 84 Resp: 97886
Ion Ratio Lower Upper
84 100
86 63.2 45.0 83.6
49 107.6 71.5 132.7



#17
Methyl tert-butyl Ether
Concen: 0.057 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.010 min
Lab File: VV029829.D
Acq: 13 Jan 2023 23:53

Tgt Ion: 73 Resp: 1594
Ion Ratio Lower Upper
73 100
43 17.9 13.0 19.4
57 19.3 17.1 25.7

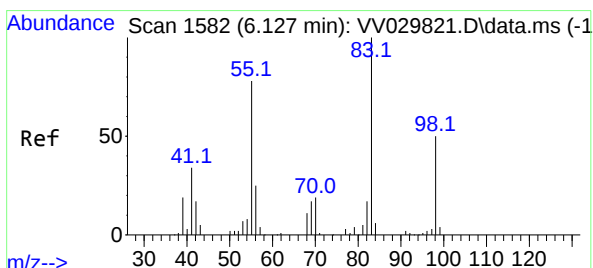
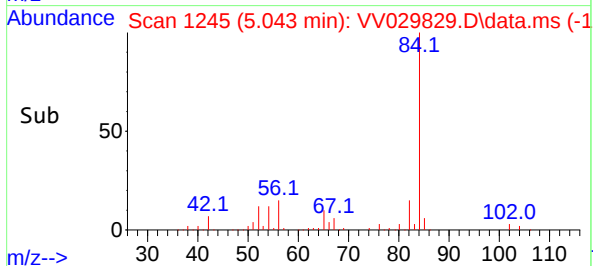
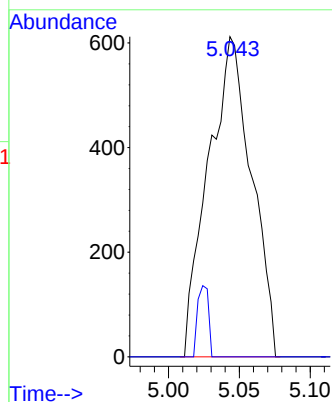
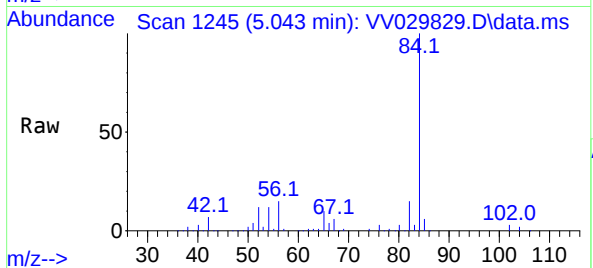




#27
1,2-Dichloroethane
Concen: 0.097 ug/L
RT: 5.043 min Scan# 11
Delta R.T. -0.077 min
Lab File: VV029829.D
Acq: 13 Jan 2023 23:53

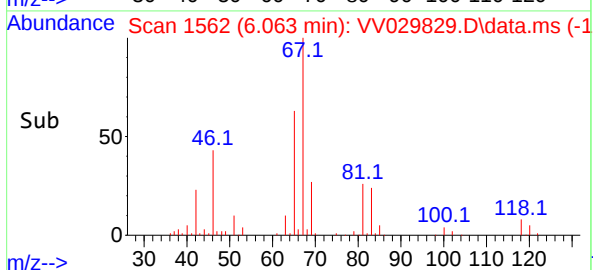
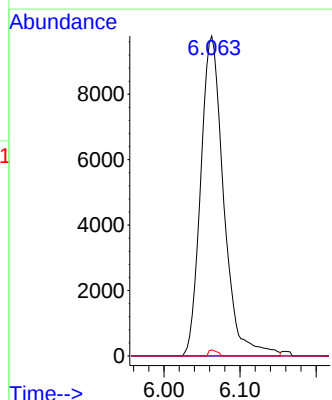
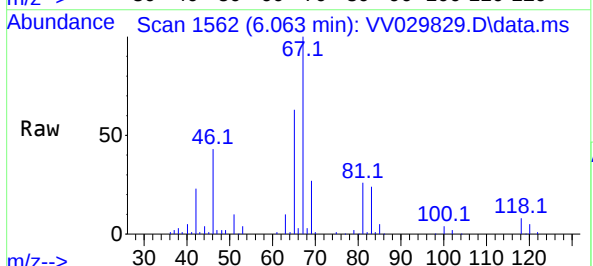
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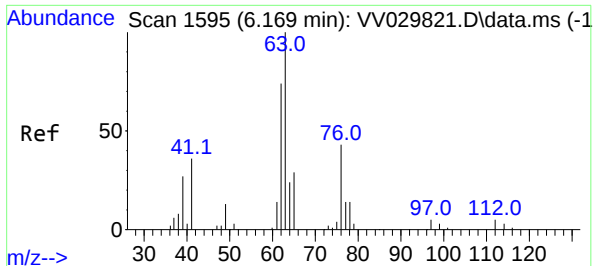
Tgt Ion: 62 Resp: 1299
Ion Ratio Lower Upper
62 100
98 0.0 8.9 13.3#



#35
Methylcyclohexane
Concen: 0.765 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV029829.D
Acq: 13 Jan 2023 23:53

Tgt Ion: 83 Resp: 20550
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.7 39.0 58.6#

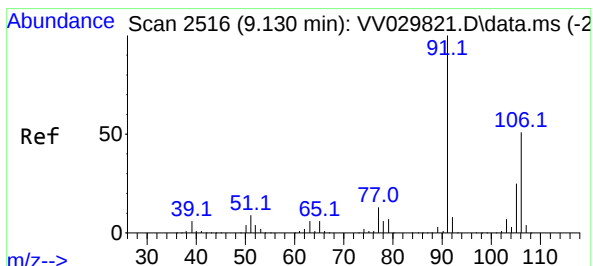
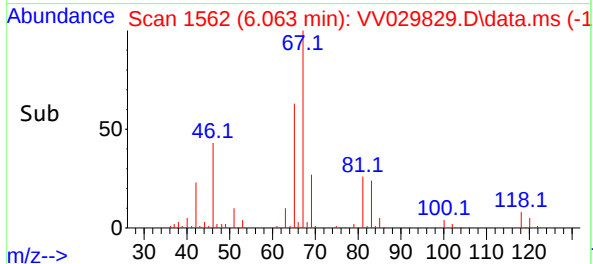
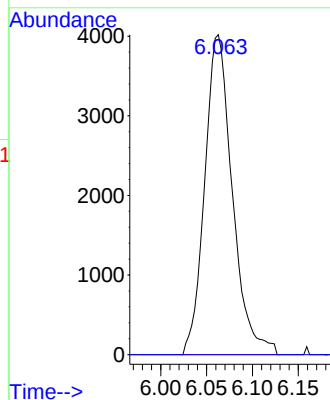
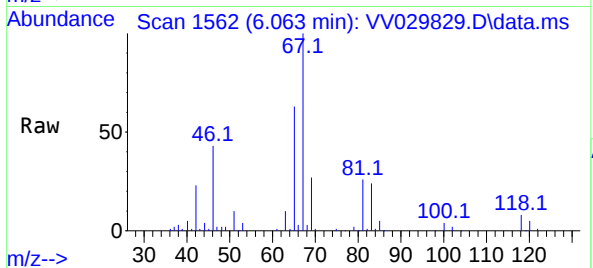




#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV029829.D
Acq: 13 Jan 2023 23:53

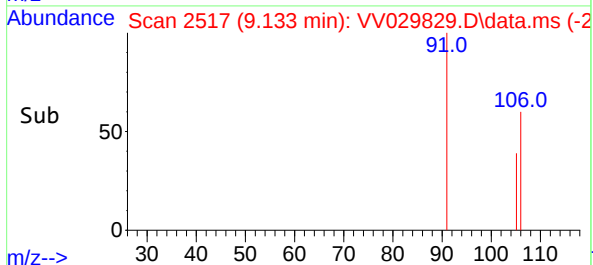
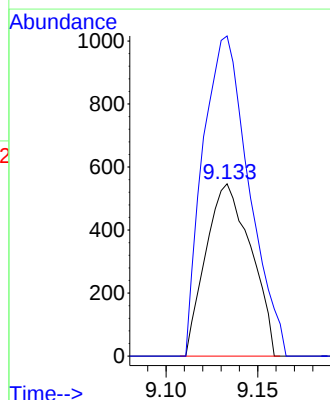
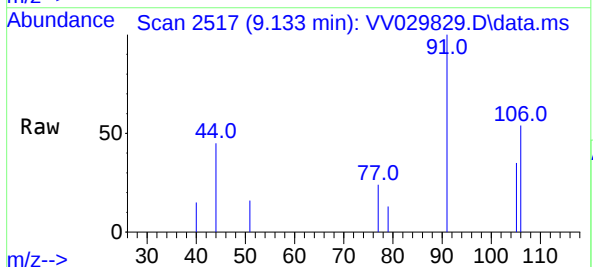
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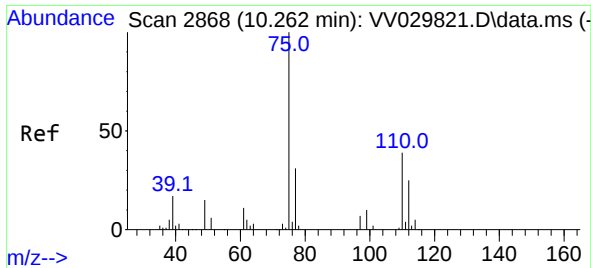
Tgt Ion: 63 Resp: 8438
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#53
m,p-Xylene
Concen: 0.033 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV029829.D
Acq: 13 Jan 2023 23:53

Tgt Ion: 106 Resp: 935
Ion Ratio Lower Upper
106 100
91 185.7 138.7 257.7





#61
 1,2,3-Trichloropropane
 Concen: 1.499 ug/L
 RT: 11.236 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV029829.D
 Acq: 13 Jan 2023 23:53

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJB4

Tgt Ion:	75	Resp:	10903
Ion	Ratio	Lower	Upper
75	100		
77	33.9	26.5	39.7
110	1.8	31.8	47.8#

