

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029307.D
 Acq On : 23 Nov 2022 20:39
 Operator : SY/MD
 Sample : N5648-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 01:51:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:40:30 2022
 Response via : Initial Calibration

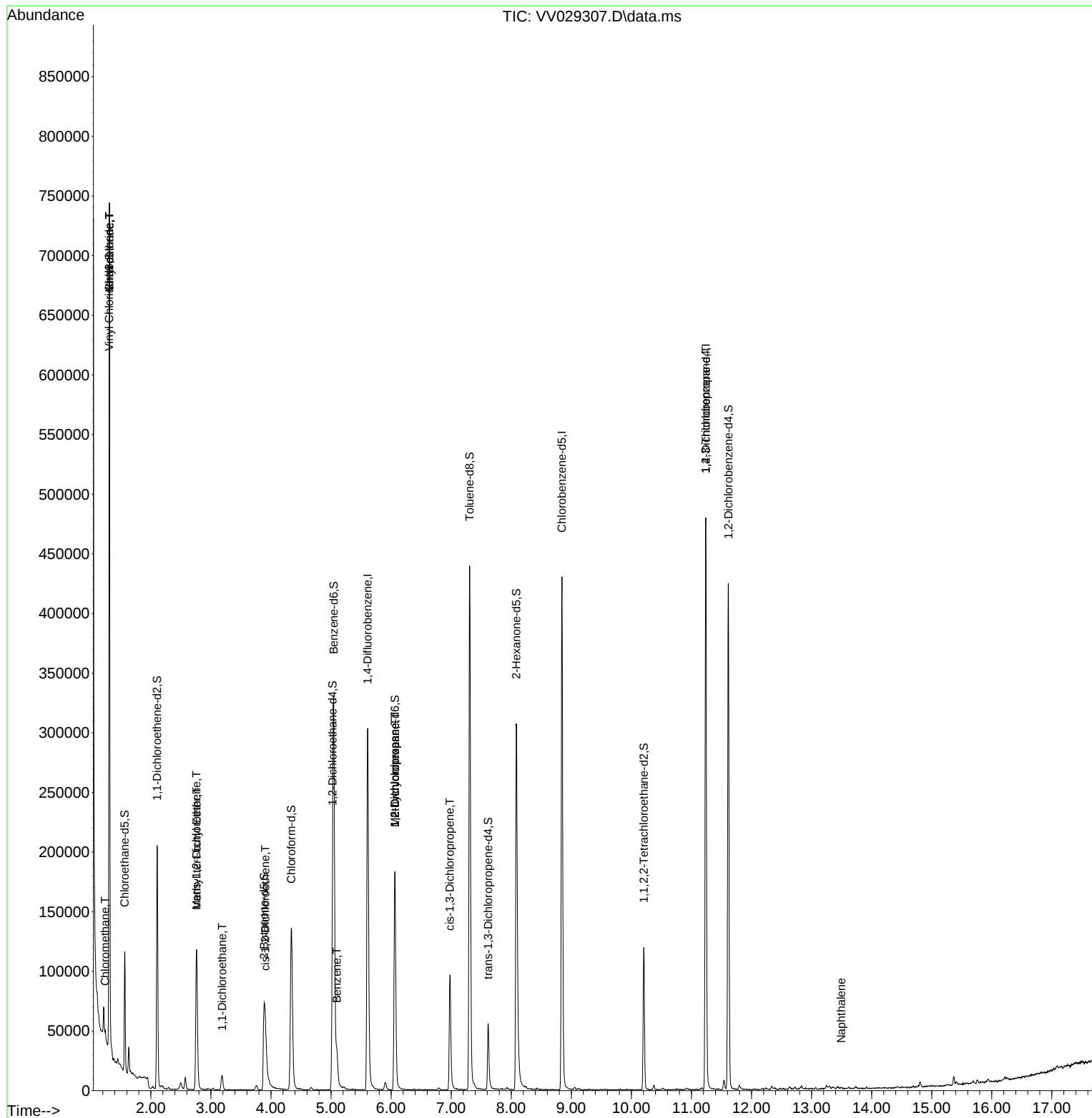
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	281962	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	256089	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	130989	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	90679	5.226	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.600%
7) Chloroethane-d5	1.564	69	65470	5.154	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.105	63	105704	3.807	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.886	46	131053	45.148	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.300%
24) Chloroform-d	4.339	84	148900	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.024	65	69672	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.043	84	337305	4.766	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.063	67	95025	4.778	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.307	98	310623	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.616	79	35658	4.650	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.085	63	109623	40.108	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.220%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	58683	4.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.616	152	114184	4.990	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	3504	0.182	ug/L	91
5) Vinyl chloride	1.310	62	354910	18.477	ug/L	99
8) Chloroethane	1.310	64	115715	10.136	ug/L #	43
17) Methyl tert-butyl Ether	2.764	73	69976	1.888	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	22468	1.350	ug/L	96
19) 1,1-Dichloroethane	3.185	63	13093	0.437	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	8942	0.470	ug/L	96
33) Benzene	5.095	78	32626	0.426	ug/L	100
35) Methylcyclohexane	6.063	83	23317	0.707	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	9691	0.537	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	2352	0.089	ug/L #	45
61) 1,2,3-Trichloropropane	11.239	75	14662	1.614	ug/L #	65
71) Naphthalene	13.493	128	1232	0.054	ug/L #	79

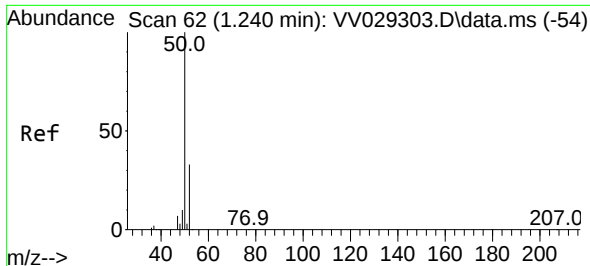
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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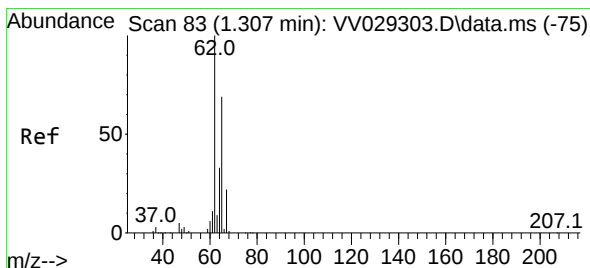
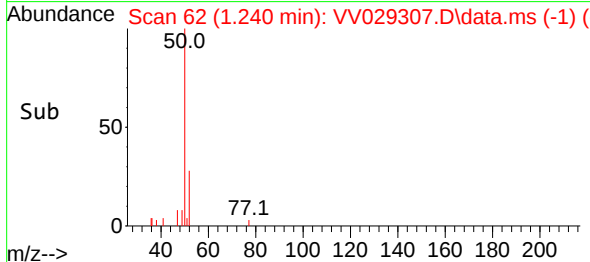
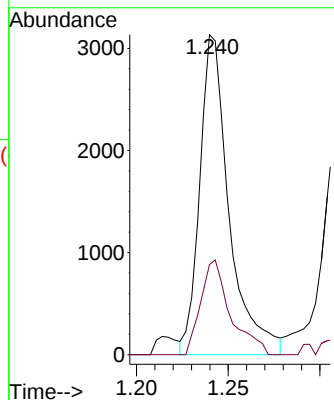
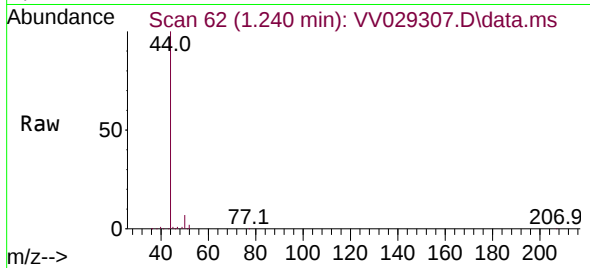




#3
Chloromethane
Concen: 0.182 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029307.D
Acq: 23 Nov 2022 20:39

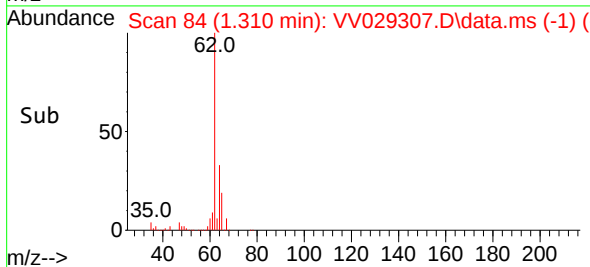
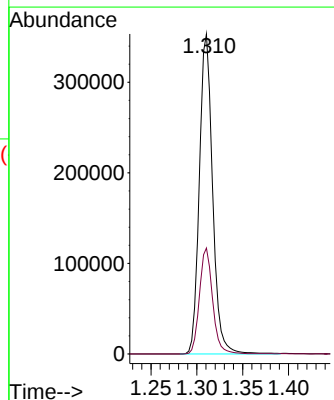
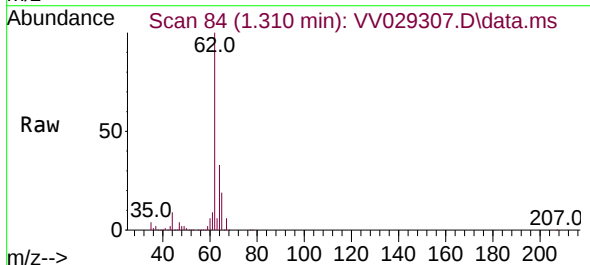
Instrument :
MSVOA_V
ClientSampleId :

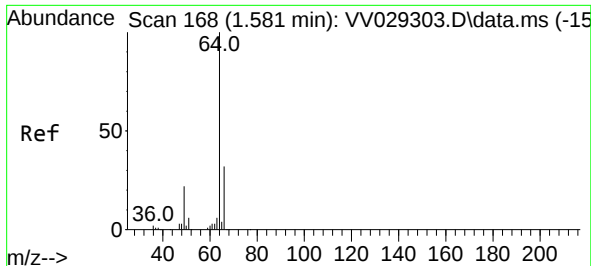
Tgt Ion: 50 Resp: 3504
Ion Ratio Lower Upper
50 100
52 28.1 23.2 43.2



#5
Vinyl chloride
Concen: 18.477 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV029307.D
Acq: 23 Nov 2022 20:39

Tgt Ion: 62 Resp: 354910
Ion Ratio Lower Upper
62 100
64 33.1 23.4 43.4

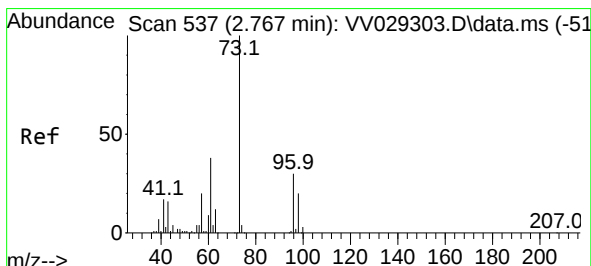
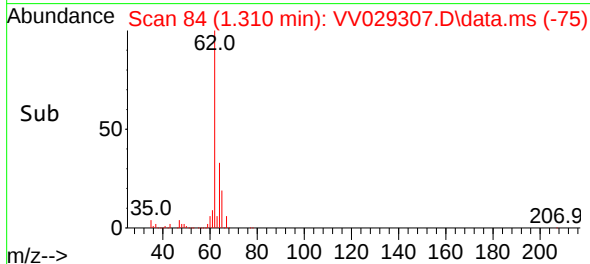
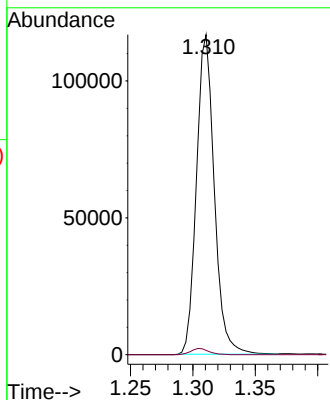
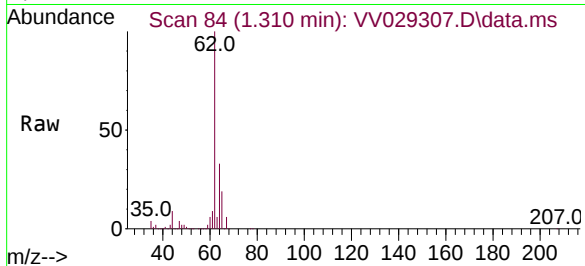




#8
Chloroethane
Concen: 10.136 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.270 min
Lab File: VV029307.D
Acq: 23 Nov 2022 20:39

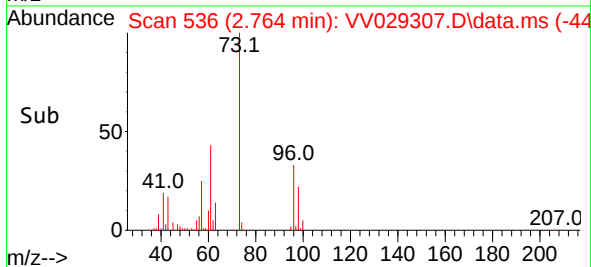
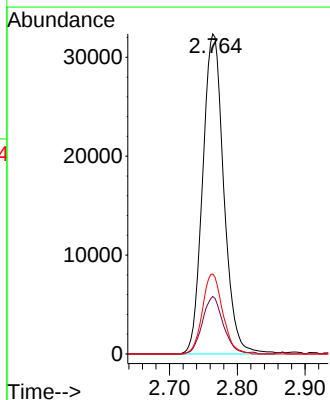
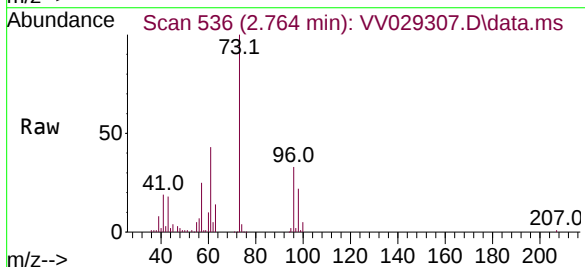
Instrument :
MSVOA_V
ClientSampleId :

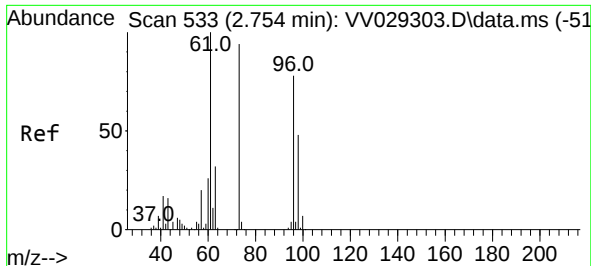
Tgt Ion: 64 Resp: 115715
Ion Ratio Lower Upper
64 100
66 1.3 23.5 43.7#



#17
Methyl tert-butyl Ether
Concen: 1.888 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV029307.D
Acq: 23 Nov 2022 20:39

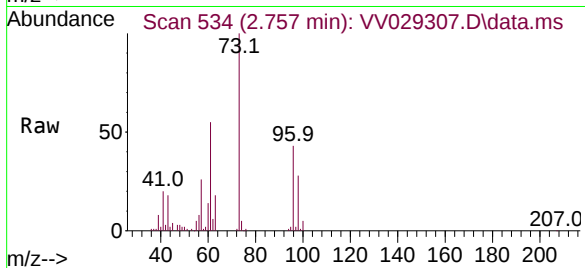
Tgt Ion: 73 Resp: 69976
Ion Ratio Lower Upper
73 100
43 17.7 13.2 19.8
57 24.1 16.9 25.3



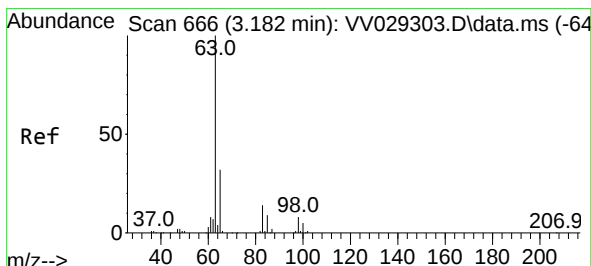
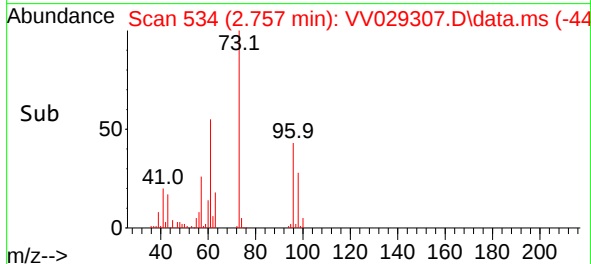
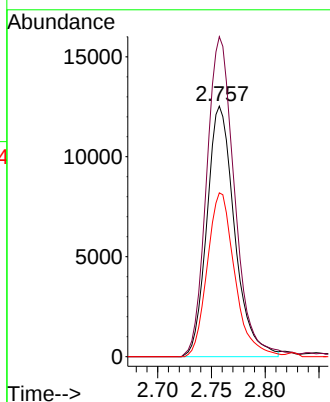


#18
trans-1,2-Dichloroethene
Concen: 1.350 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029307.D
Acq: 23 Nov 2022 20:39

Instrument :
MSVOA_V
ClientSampleId :

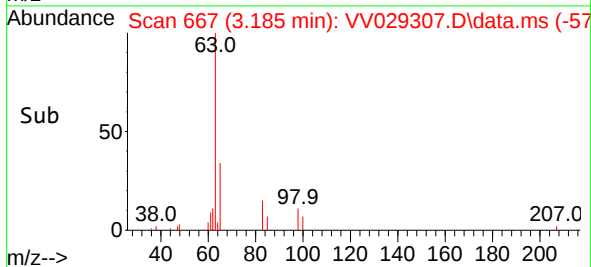
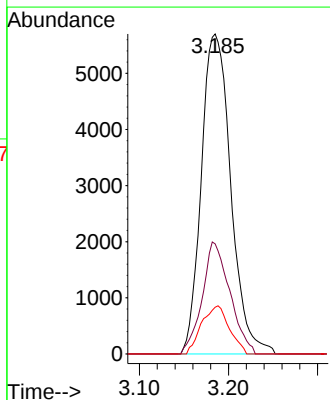
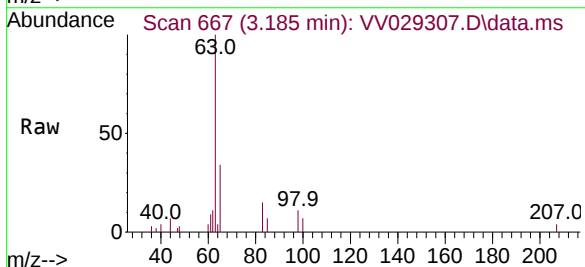


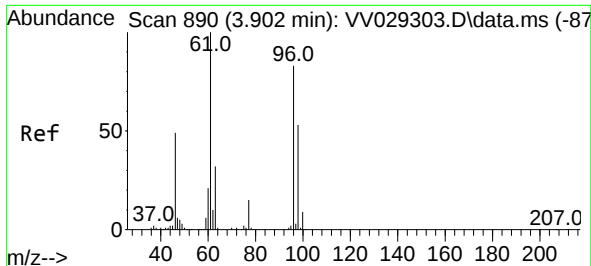
Tgt Ion: 96 Resp: 22468
Ion Ratio Lower Upper
96 100
61 127.7 93.0 172.6
98 65.4 44.0 81.8



#19
1,1-Dichloroethane
Concen: 0.437 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV029307.D
Acq: 23 Nov 2022 20:39

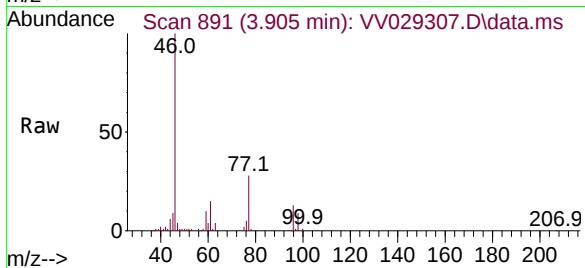
Tgt Ion: 63 Resp: 13093
Ion Ratio Lower Upper
63 100
65 34.4 21.6 40.2
83 14.6 10.3 19.1



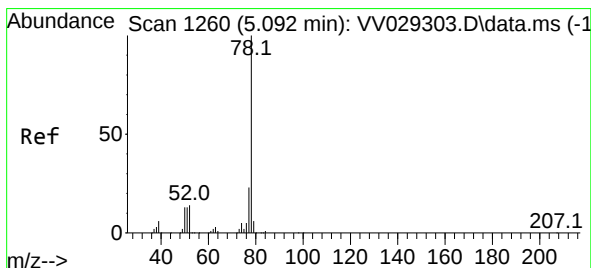
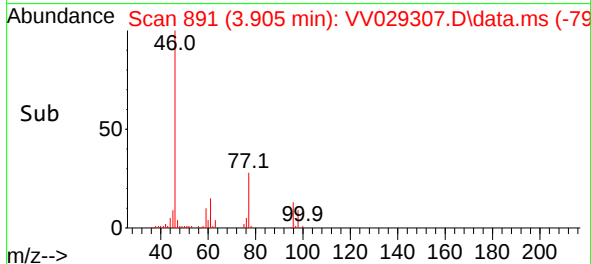
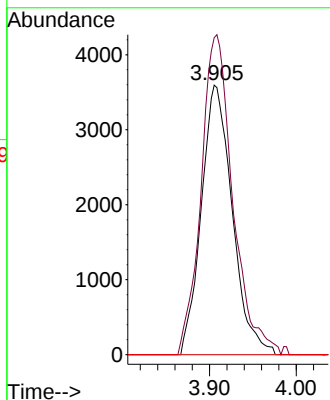


#22
 cis-1,2-Dichloroethene
 Concen: 0.470 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029307.D
 Acq: 23 Nov 2022 20:39

Instrument :
 MSVOA_V
 ClientSampleId :

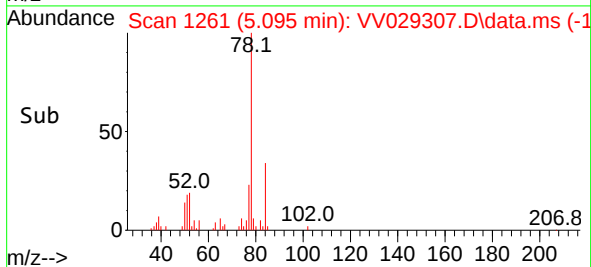
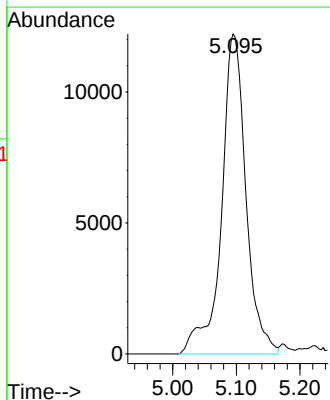
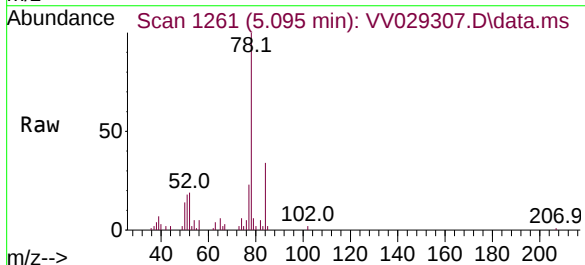


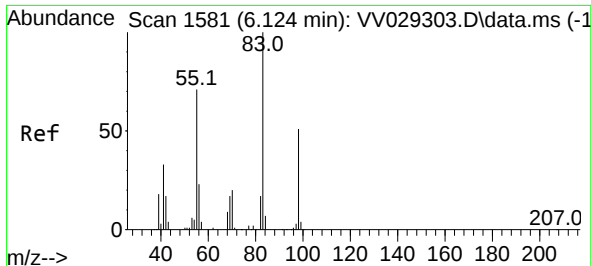
Tgt Ion: 96 Resp: 8942
 Ion Ratio Lower Upper
 96 100
 61 117.6 85.8 159.3
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.426 ug/L
 RT: 5.095 min Scan# 1261
 Delta R.T. 0.003 min
 Lab File: VV029307.D
 Acq: 23 Nov 2022 20:39

Tgt Ion: 78 Resp: 32626

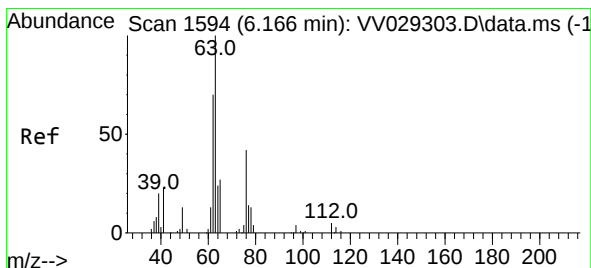
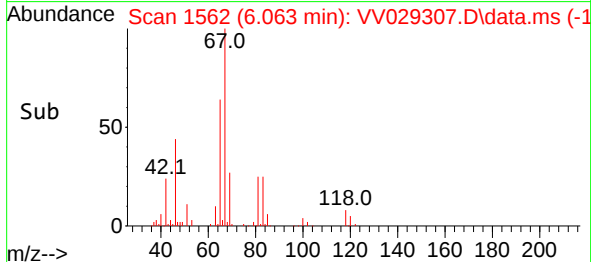
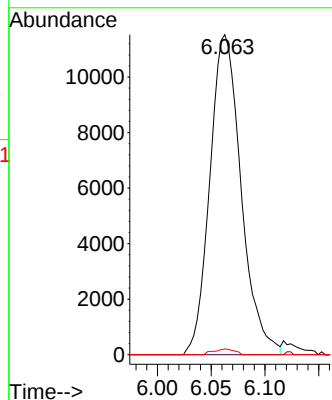
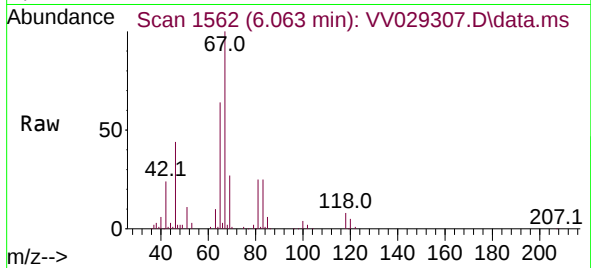




#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV029307.D
Acq: 23 Nov 2022 20:39

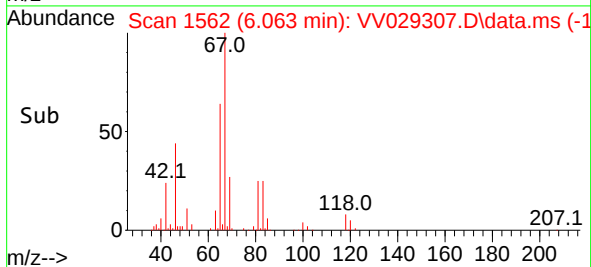
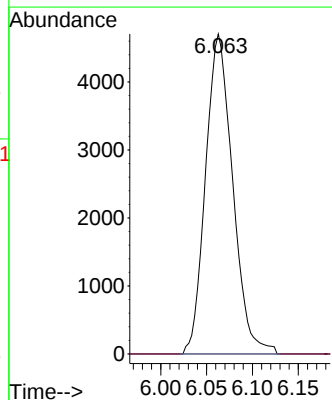
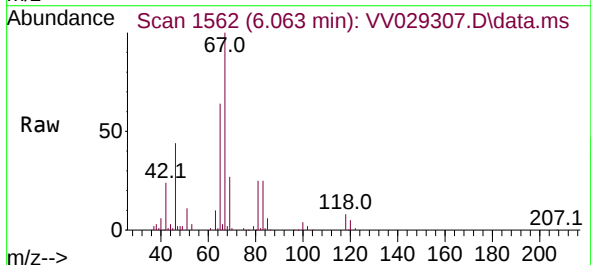
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ClientSampleId :

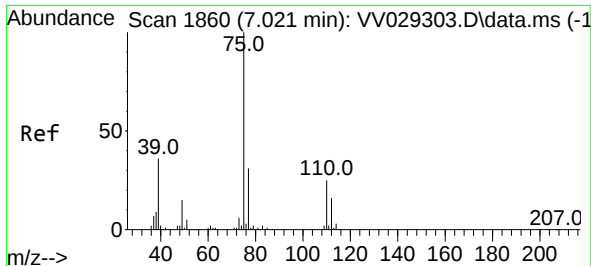
Tgt Ion: 83 Resp: 23317
Ion Ratio Lower Upper
83 100
55 0.2 55.4 83.2#
98 1.2 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.537 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV029307.D
Acq: 23 Nov 2022 20:39

Tgt Ion: 63 Resp: 9691
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#





#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 6.979 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV029307.D

Acq: 23 Nov 2022 20:39

Instrument :

MSVOA_V

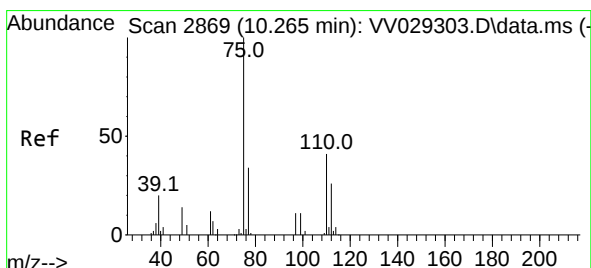
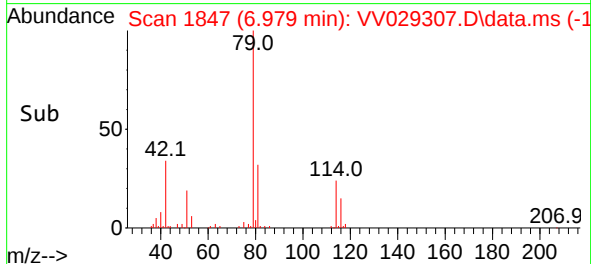
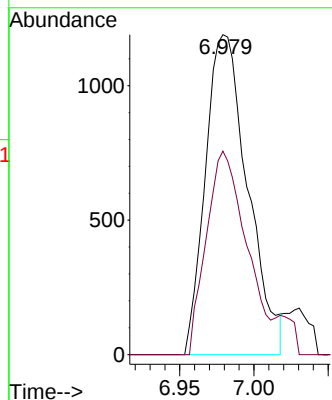
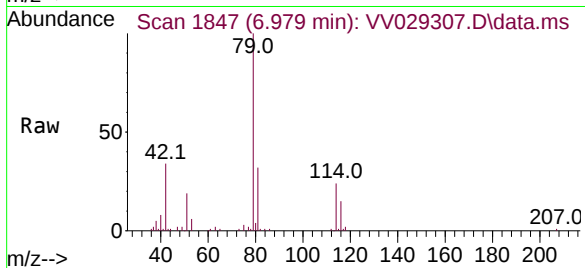
ClientSampleId :

Tgt Ion: 75 Resp: 2352

Ion Ratio Lower Upper

75 100

77 63.6 22.7 42.3#



#61

1,2,3-Trichloropropane

Concen: 1.614 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV029307.D

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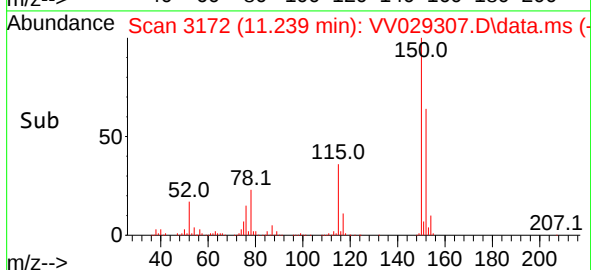
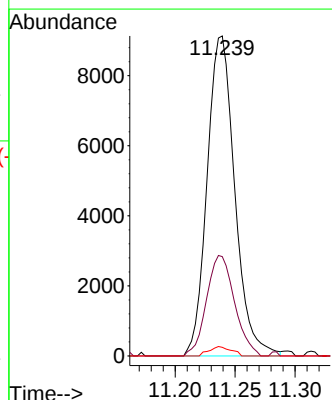
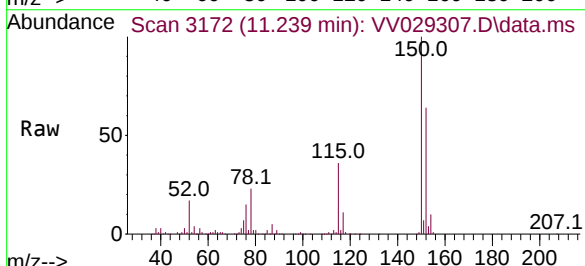
Tgt Ion: 75 Resp: 14662

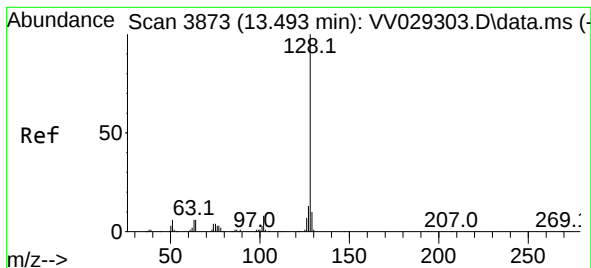
Ion Ratio Lower Upper

75 100

77 31.7 26.7 40.1

110 2.3 32.2 48.4#





#71

Naphthalene

Concen: 0.054 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

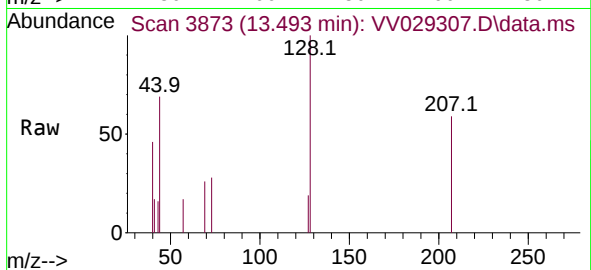
Lab File: VV029307.D

Acq: 23 Nov 2022 20:39

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:128 Resp: 1232

Ion Ratio Lower Upper

128 100

129 0.0 8.9 13.3#

127 7.9 10.6 15.8#

