

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029287.D
 Acq On : 23 Nov 2022 01:27
 Operator : SY/MD
 Sample : N5652-02DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 04:48:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:46:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

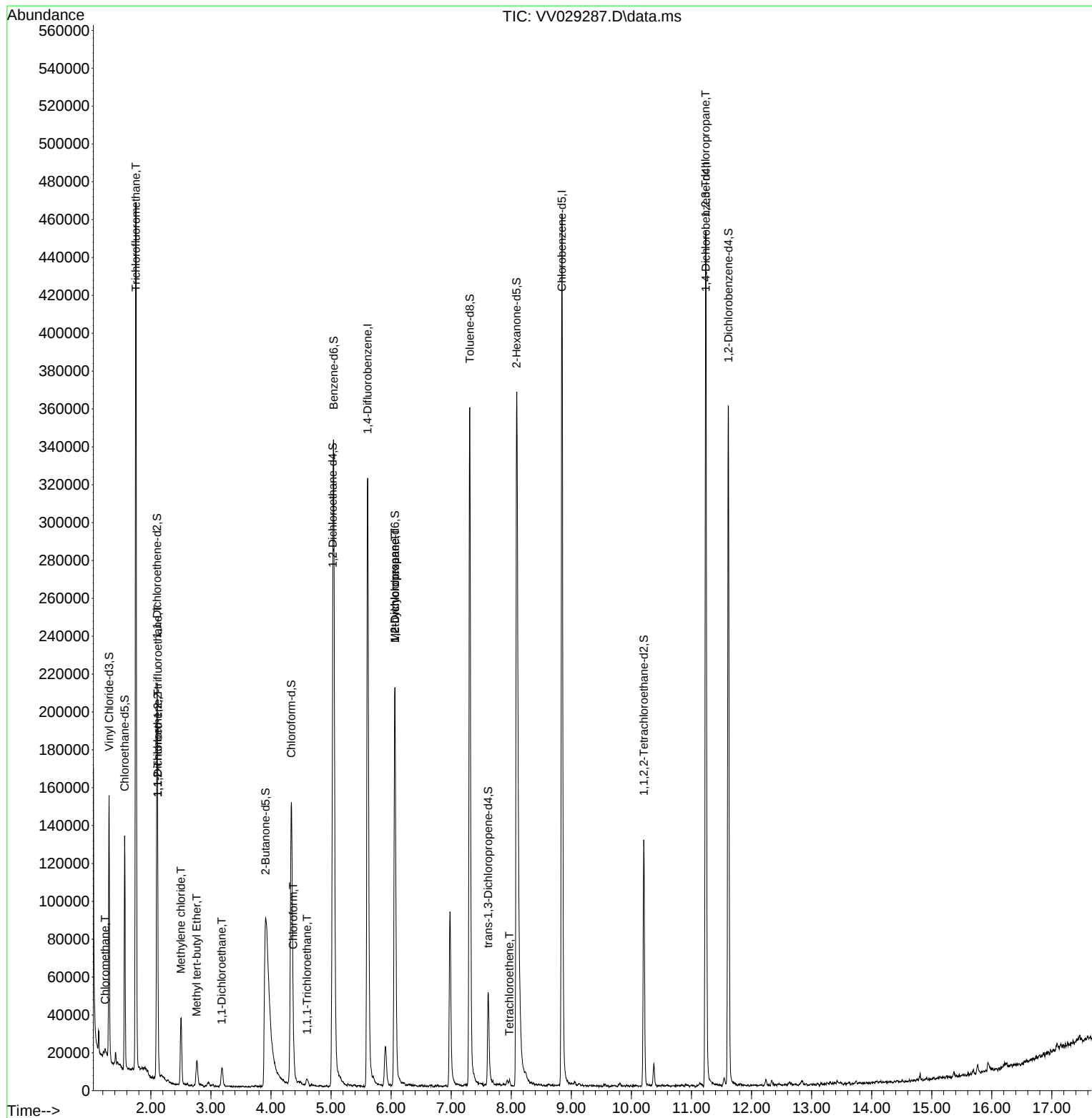
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	279537	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	249716	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	112218	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	85944	3.223	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.565	69	78044	3.739	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.800%
11) 1,1-Dichloroethene-d2	2.105	63	112087	2.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.400%#
20) 2-Butanone-d5	3.908	46	231030	58.696	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.400%
24) Chloroform-d	4.339	84	154304	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.027	65	80892	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.043	84	315609	3.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	6.063	67	113239	4.402	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.310	98	246135	3.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.200%#
43) trans-1,3-Dichloroprop...	7.616	79	31507	3.678	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.088	63	107325	69.898	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.800%#
56) 1,1,2,2-Tetrachloroeth...	10.207	84	65295	5.106	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.616	152	89932	4.154	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1191	0.037	ug/L	88
9) Trichlorofluoromethane	1.751	101	261830	7.444	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	4151	0.199	ug/L	89
12) 1,1-Dichloroethene	2.114	96	3597	0.174	ug/L #	1
16) Methylene chloride	2.500	84	14697	0.453	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	13231	0.292	ug/L #	94
19) 1,1-Dichloroethane	3.179	63	10061	0.238	ug/L	98
25) Chloroform	4.368	83	10156	0.253	ug/L	89
29) 1,1,1-Trichloroethane	4.600	97	2421	0.073	ug/L	89
35) Methylcyclohexane	6.063	83	24017	0.621	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	11724	0.497	ug/L #	88
47) Tetrachloroethene	7.969	164	825	0.053	ug/L #	75
61) 1,2,3-Trichloropropane	11.236	75	15863	1.477	ug/L #	67

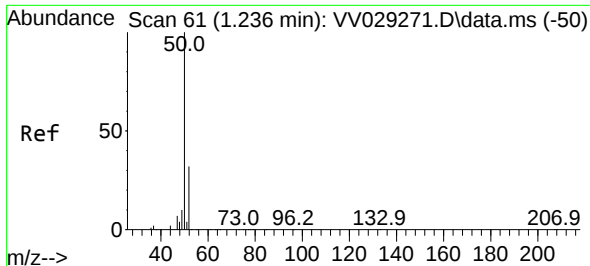
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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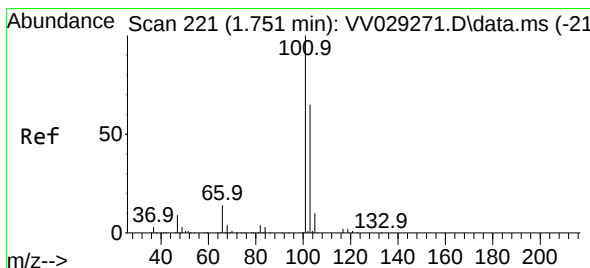
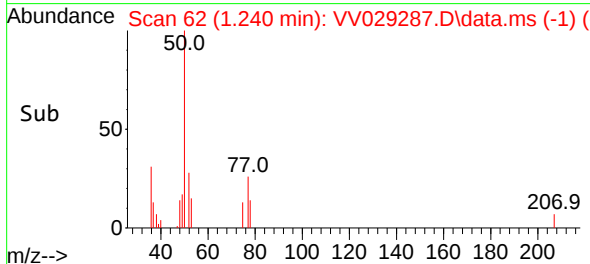
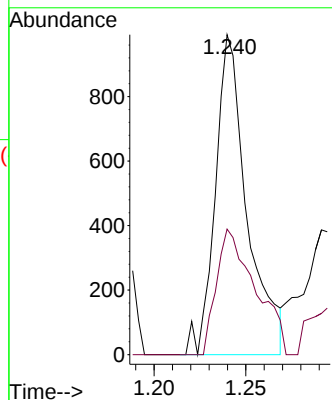
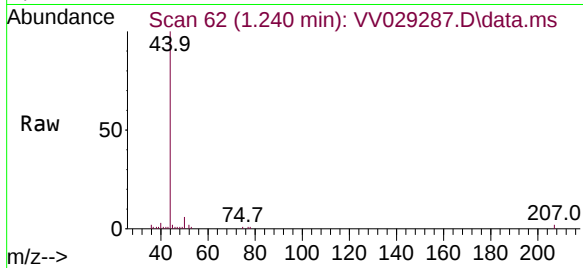




#3
Chloromethane
Concen: 0.037 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029287.D
Acq: 23 Nov 2022 01:27

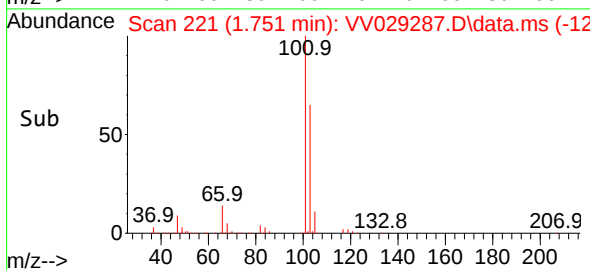
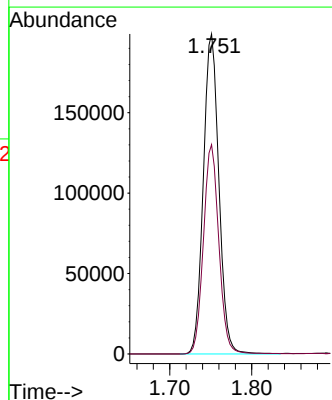
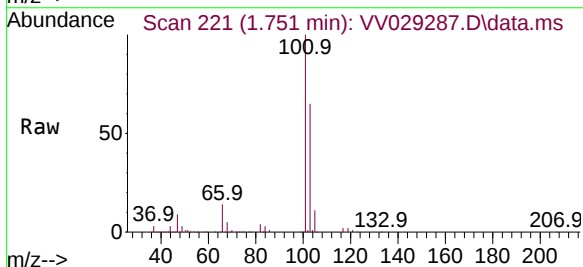
Instrument :
MSVOA_V
ClientSampleId :

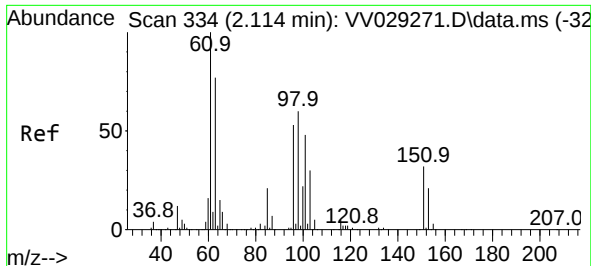
Tgt Ion: 50 Resp: 1191
Ion Ratio Lower Upper
50 100
52 39.2 22.8 42.4



#9
Trichlorofluoromethane
Concen: 7.444 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV029287.D
Acq: 23 Nov 2022 01:27

Tgt Ion:101 Resp: 261830
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5

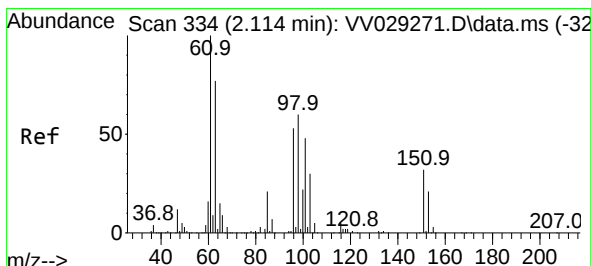
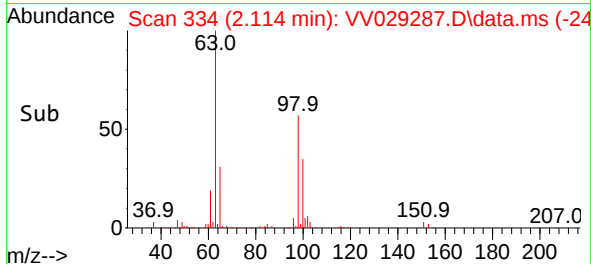
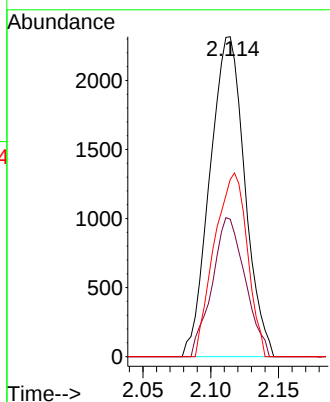
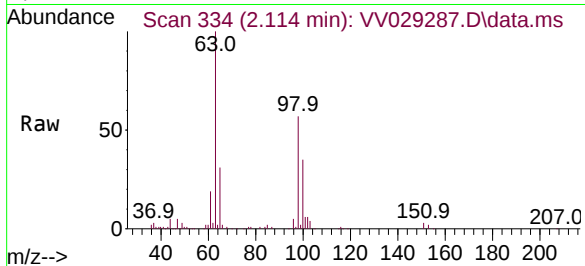




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.199 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029287.D
 Acq: 23 Nov 2022 01:27

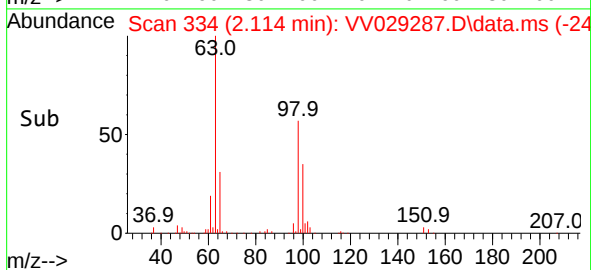
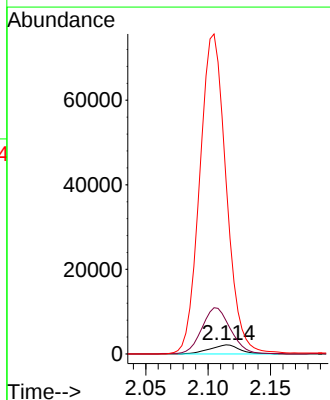
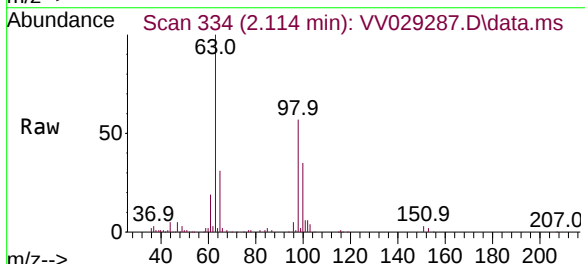
Instrument :
 MSVOA_V
 ClientSampleId :

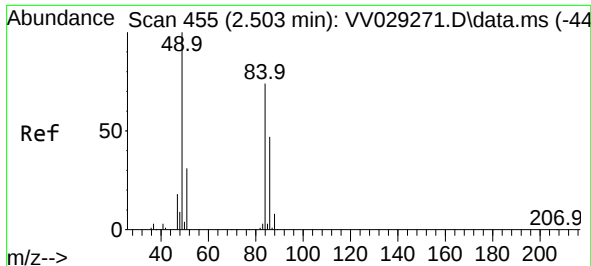
Tgt Ion:101 Resp: 4151
 Ion Ratio Lower Upper
 101 100
 85 41.1 34.7 52.1
 151 54.2 53.4 80.2



#12
 1,1-Dichloroethene
 Concen: 0.174 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029287.D
 Acq: 23 Nov 2022 01:27

Tgt Ion: 96 Resp: 3597
 Ion Ratio Lower Upper
 96 100
 61 365.2 131.9 245.0#
 63 1906.5 98.6 183.0#

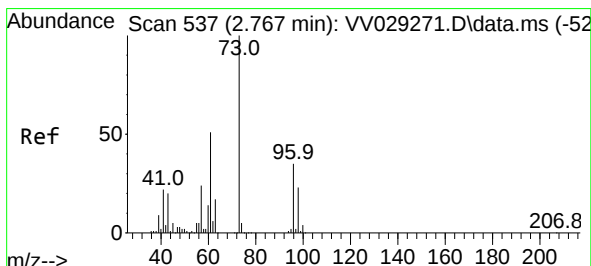
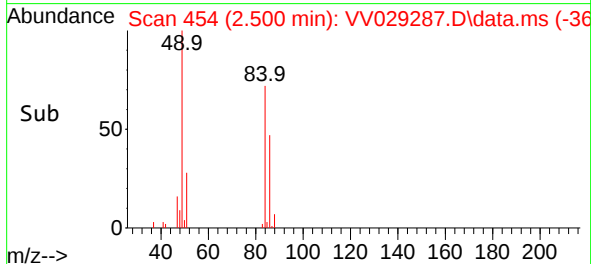
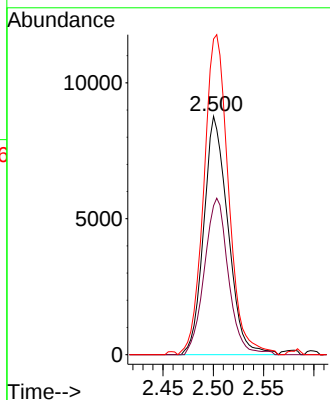
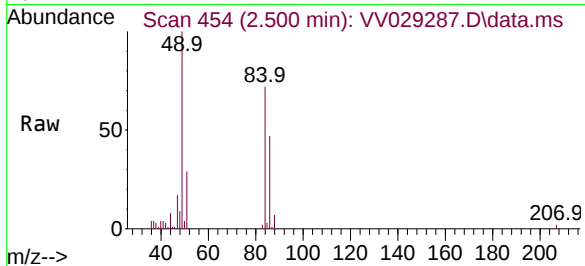




#16
Methylene chloride
Concen: 0.453 ug/L
RT: 2.500 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV029287.D
Acq: 23 Nov 2022 01:27

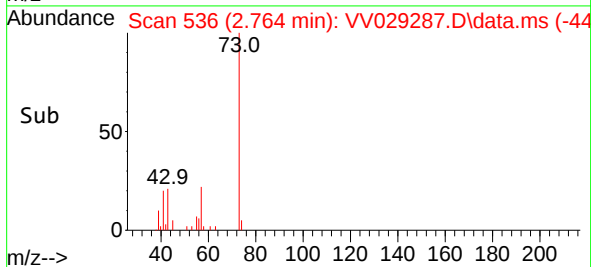
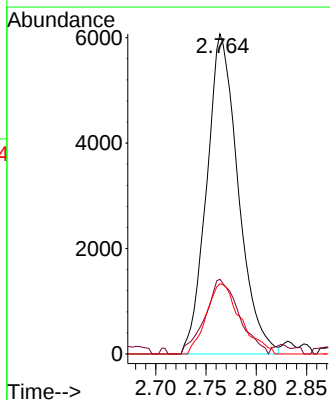
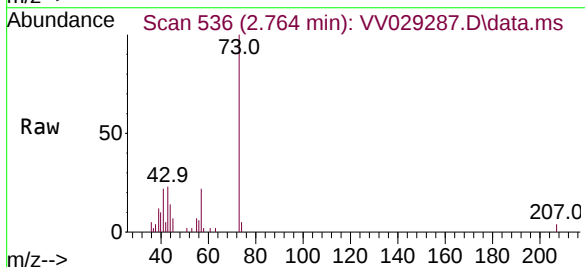
Instrument :
MSVOA_V
ClientSampleId :

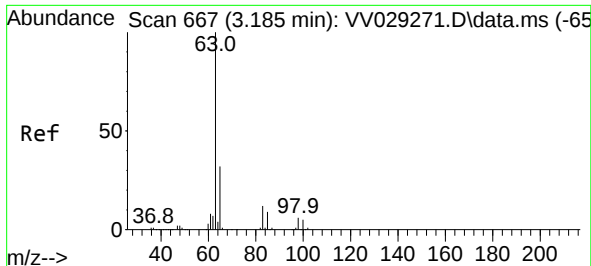
Tgt Ion: 84 Resp: 14697
Ion Ratio Lower Upper
84 100
86 62.5 44.2 82.2
49 132.4 91.9 170.7



#17
Methyl tert-butyl Ether
Concen: 0.292 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV029287.D
Acq: 23 Nov 2022 01:27

Tgt Ion: 73 Resp: 13231
Ion Ratio Lower Upper
73 100
43 25.1 15.4 23.2#
57 23.7 18.9 28.3





#19

1,1-Dichloroethane

Concen: 0.238 ug/L

RT: 3.179 min Scan# 6

Delta R.T. -0.006 min

Lab File: VV029287.D

Acq: 23 Nov 2022 01:27

Instrument :

MSVOA_V

ClientSampleId :

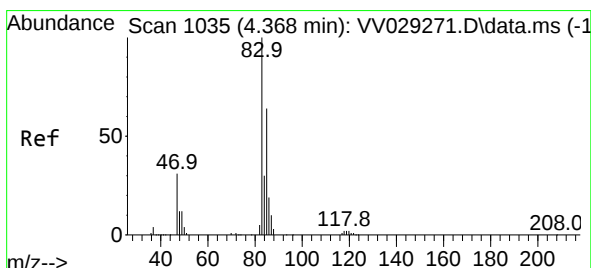
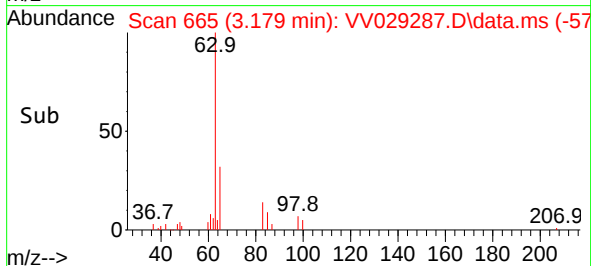
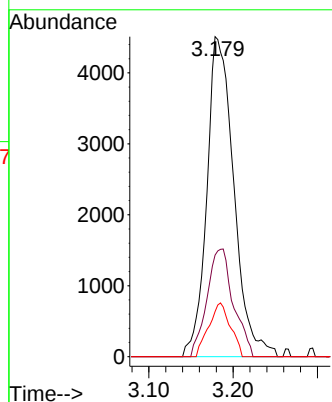
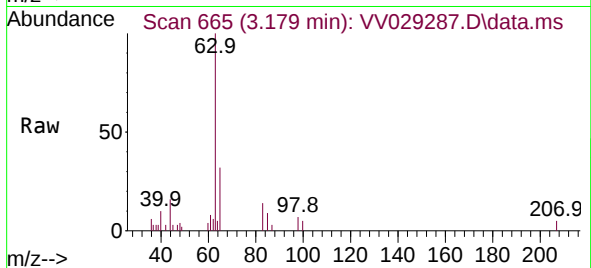
Tgt Ion: 63 Resp: 10061

Ion Ratio Lower Upper

63 100

65 30.3 22.1 41.1

83 13.4 9.0 16.8



#25

Chloroform

Concen: 0.253 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV029287.D

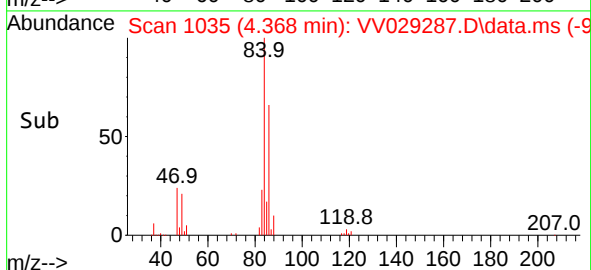
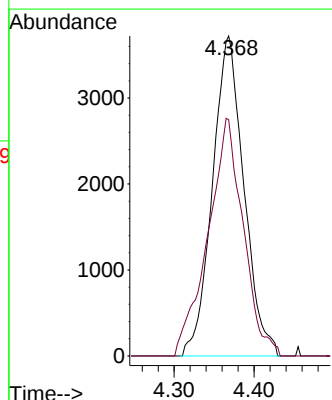
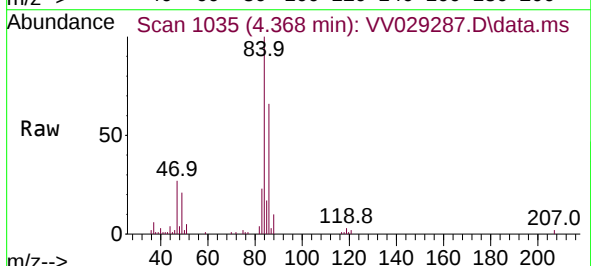
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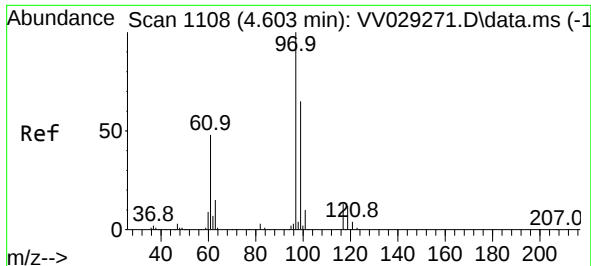
Tgt Ion: 83 Resp: 10156

Ion Ratio Lower Upper

83 100

85 73.8 45.6 84.6





#29

1,1,1-Trichloroethane

Concen: 0.073 ug/L

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

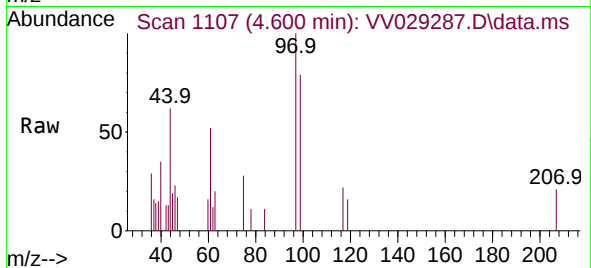
Lab File: VV029287.D

Acq: 23 Nov 2022 01:27

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ClientSampleId :



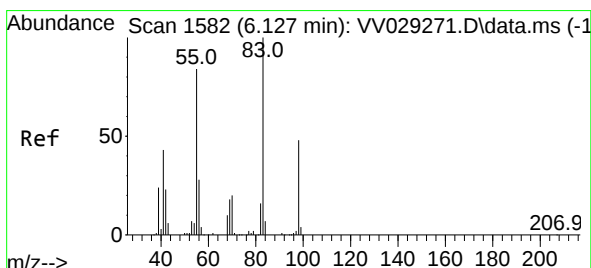
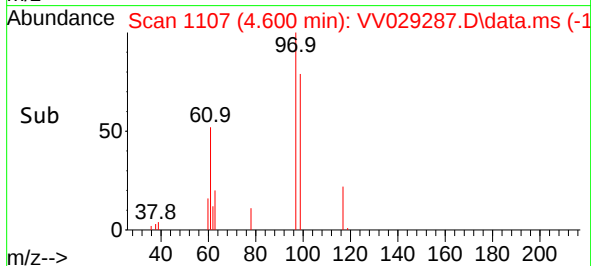
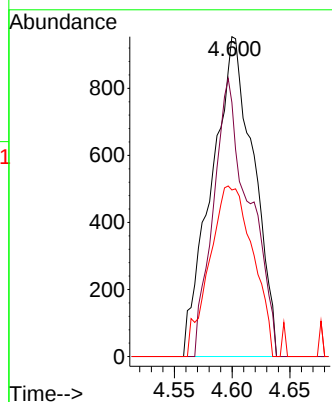
Tgt Ion: 97 Resp: 2421

Ion Ratio Lower Upper

97 100

99 74.4 51.1 76.7

61 54.7 39.0 58.4



#35

Methylcyclohexane

Concen: 0.621 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.064 min

Lab File: VV029287.D

Acq: 23 Nov 2022 01:27

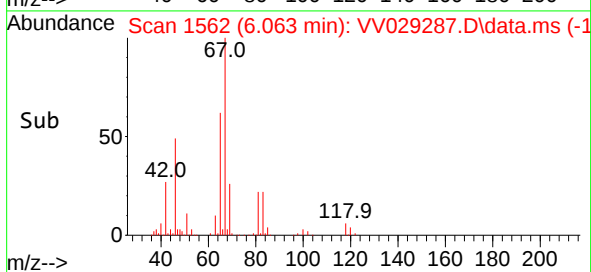
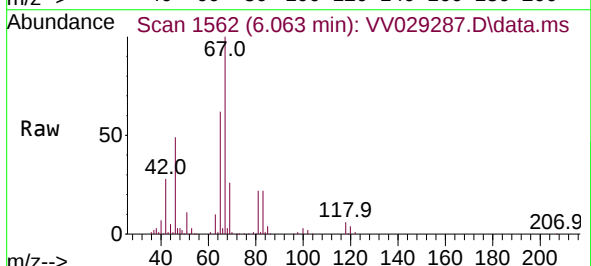
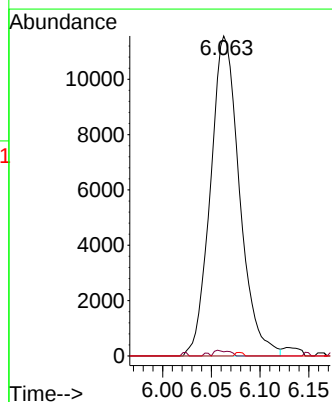
Tgt Ion: 83 Resp: 24017

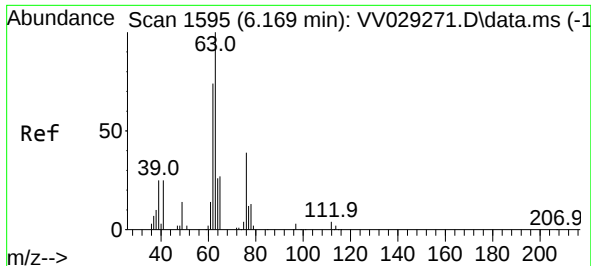
Ion Ratio Lower Upper

83 100

55 1.1 65.7 98.5#

98 0.3 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 0.497 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV029287.D

Acq: 23 Nov 2022 01:27

Instrument :

MSVOA_V

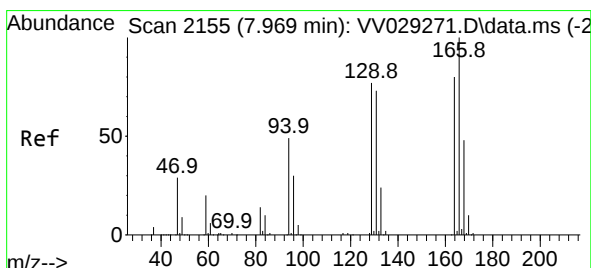
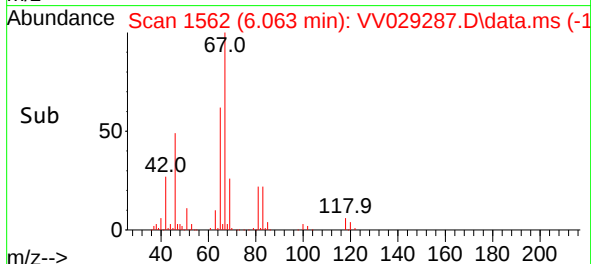
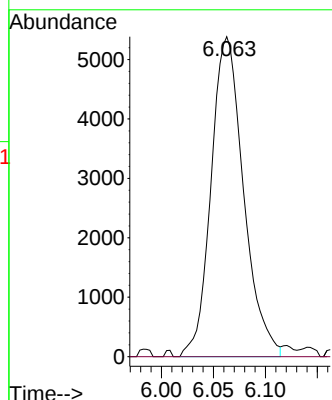
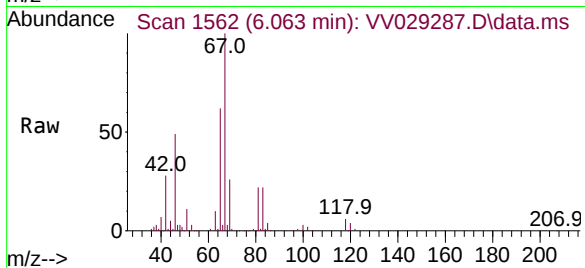
ClientSampleId :

Tgt Ion: 63 Resp: 11724

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 0.053 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV029287.D

Acq: 23 Nov 2022 01:27

Tgt Ion:164 Resp: 825

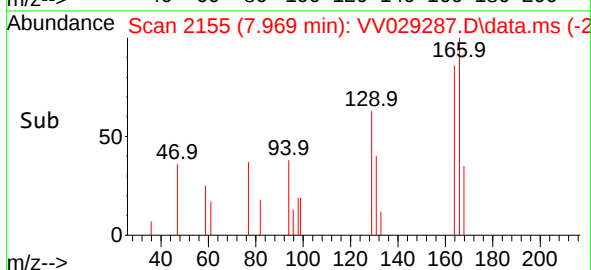
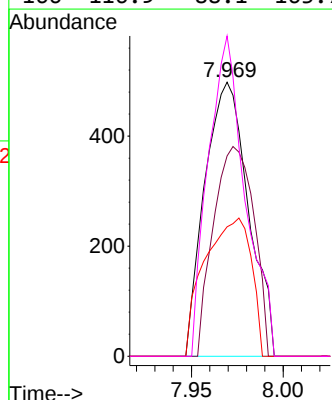
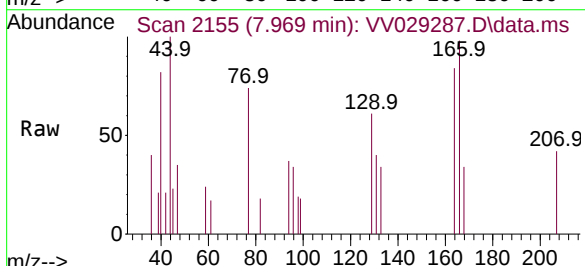
Ion Ratio Lower Upper

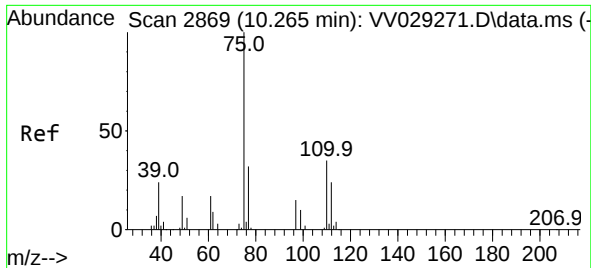
164 100

129 73.1 68.3 126.8

131 47.2 65.2 121.0#

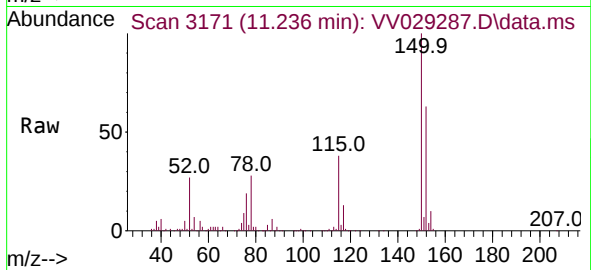
166 116.9 88.1 163.7





#61
 1,2,3-Trichloropropane
 Concen: 1.477 ug/L
 RT: 11.236 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV029287.D
 Acq: 23 Nov 2022 01:27

Instrument :
 MSVOA_V
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Tgt Ion:	75	Resp:	15863
Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.4	38.0
110	2.2	29.6	44.4#

