

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029289.D
 Acq On : 23 Nov 2022 02:16
 Operator : SY/MD
 Sample : N5652-06DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 23 04:49:19 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)

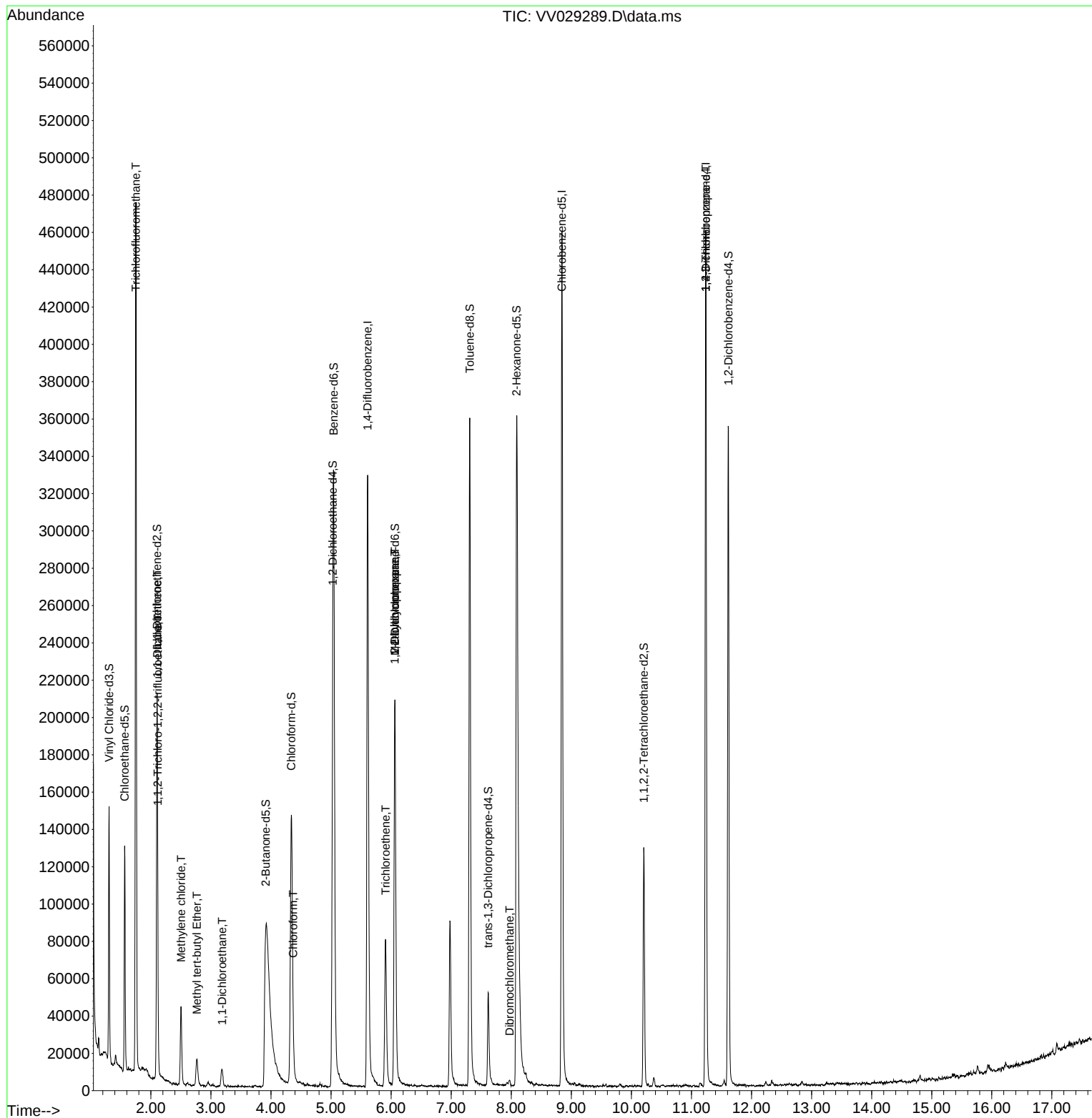
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	277785	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	247495	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	111468	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84050	3.172	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.400%
7) Chloroethane-d5	1.564	69	75887	3.659	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.105	63	110127	2.440	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.800%#
20) 2-Butanone-d5	3.912	46	218860	55.955	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.900%
24) Chloroform-d	4.339	84	152044	4.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	5.027	65	78099	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.043	84	304514	3.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	6.063	67	106794	4.189	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.310	98	241507	3.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	7.616	79	31044	3.657	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.200%
46) 2-Hexanone-d5	8.088	63	107884	70.893	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	141.780%#
56) 1,1,2,2-Tetrachloroeth...	10.207	84	65893	5.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	88125	4.098	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.751	101	265545	7.597	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	5745	0.277	ug/L	91
12) 1,1-Dichloroethene	2.108	96	2105	0.103	ug/L #	1
16) Methylene chloride	2.503	84	17071	0.529	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	15352	0.341	ug/L	99
19) 1,1-Dichloroethane	3.185	63	10078	0.240	ug/L	99
25) Chloroform	4.368	83	7474	0.187	ug/L	99
34) Trichloroethene	5.908	95	26993	1.138	ug/L	98
35) Methylcyclohexane	6.063	83	23884	0.623	ug/L #	17
37) 1,2-Dichloropropane	6.059	63	11243	0.481	ug/L #	88
49) Dibromochloromethane	7.973	129	550	0.038	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	15802	1.482	ug/L #	66

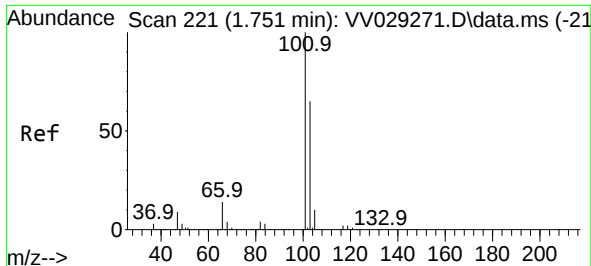
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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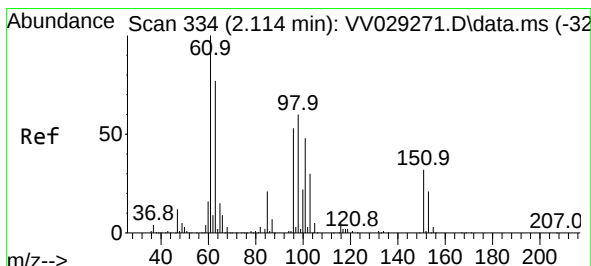
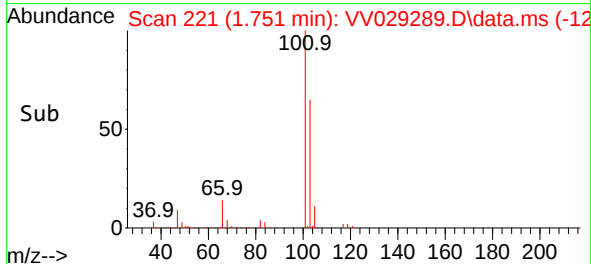
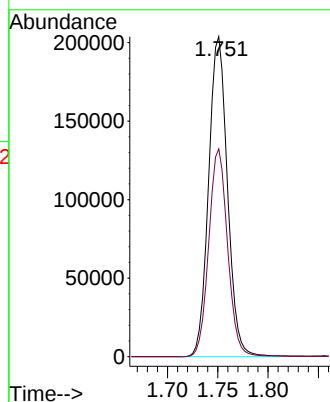
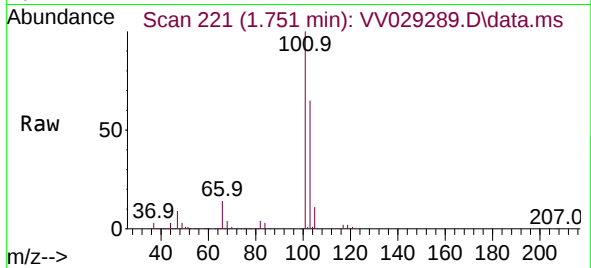




#9
 Trichlorofluoromethane
 Concen: 7.597 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029289.D
 Acq: 23 Nov 2022 02:16

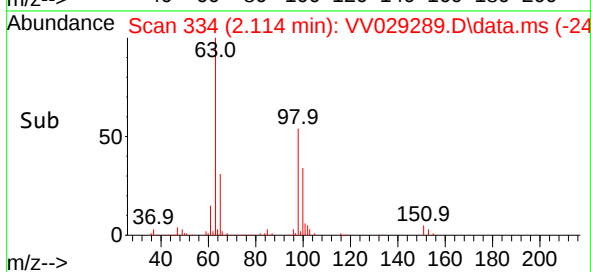
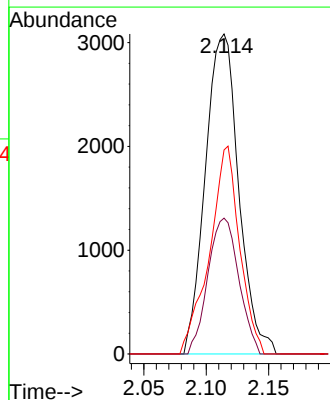
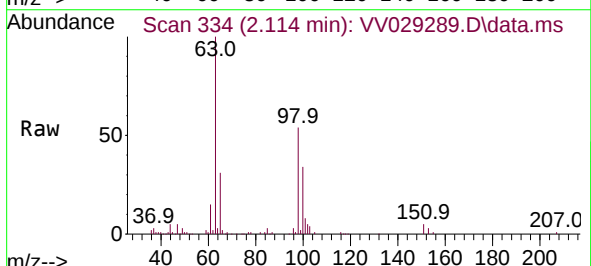
Instrument :
 MSVOA_V
 ClientSampleId :

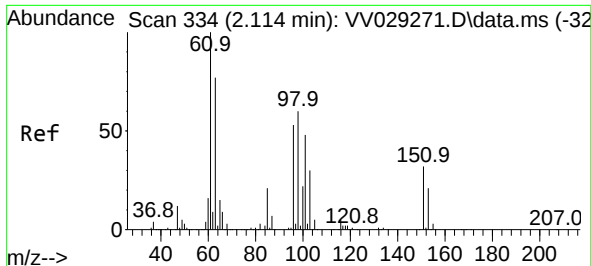
Tgt Ion:101 Resp: 265545
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.7 77.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.277 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029289.D
 Acq: 23 Nov 2022 02:16

Tgt Ion:101 Resp: 5745
 Ion Ratio Lower Upper
 101 100
 85 39.3 34.7 52.1
 151 58.5 53.4 80.2

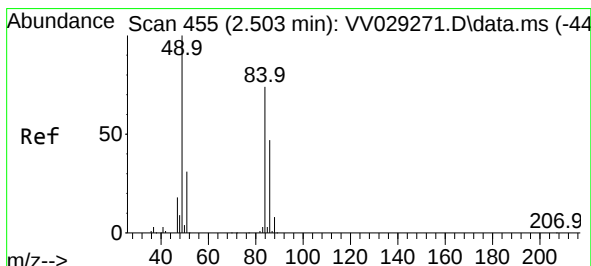
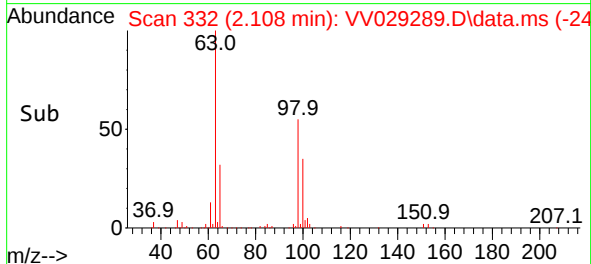
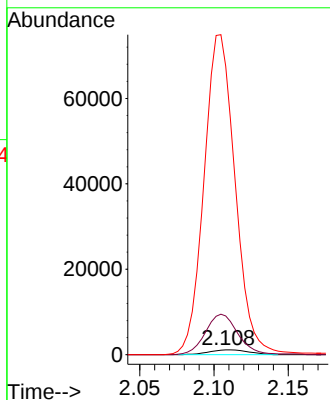
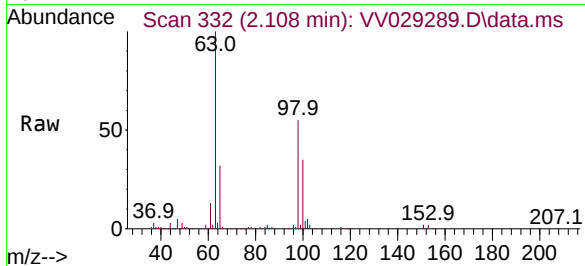




#12
1,1-Dichloroethene
Concen: 0.103 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV029289.D
Acq: 23 Nov 2022 02:16

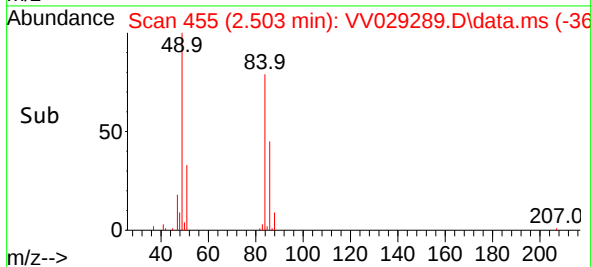
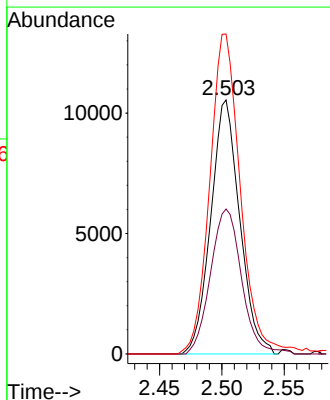
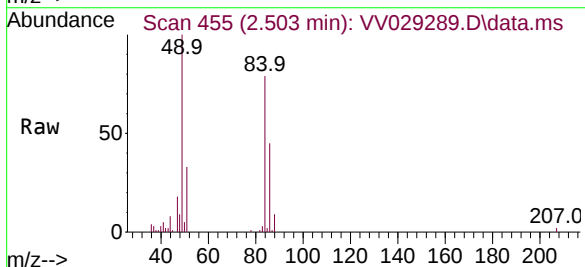
Instrument :
MSVOA_V
ClientSampleId :

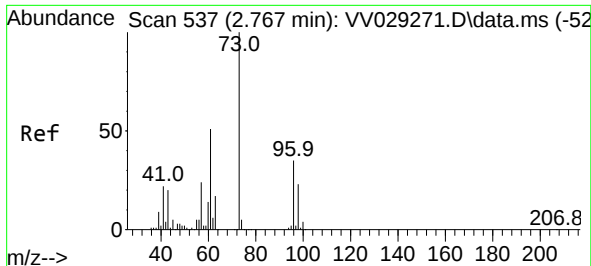
Tgt Ion: 96 Resp: 2105
Ion Ratio Lower Upper
96 100
61 789.3 131.9 245.0#
63 5890.8 98.6 183.0#



#16
Methylene chloride
Concen: 0.529 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV029289.D
Acq: 23 Nov 2022 02:16

Tgt Ion: 84 Resp: 17071
Ion Ratio Lower Upper
84 100
86 57.1 44.2 82.2
49 126.0 91.9 170.7





#17

Methyl tert-butyl Ether

Concen: 0.341 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.000 min

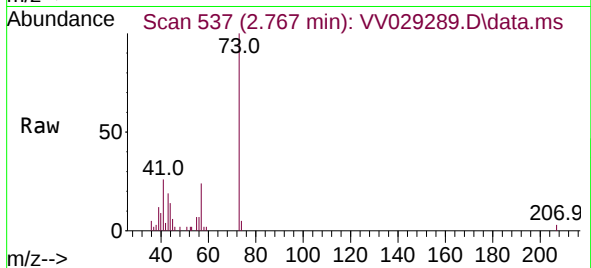
Lab File: VV029289.D

Acq: 23 Nov 2022 02:16

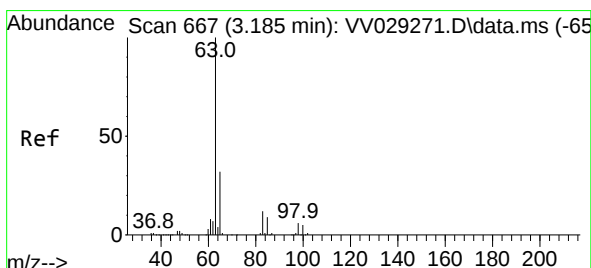
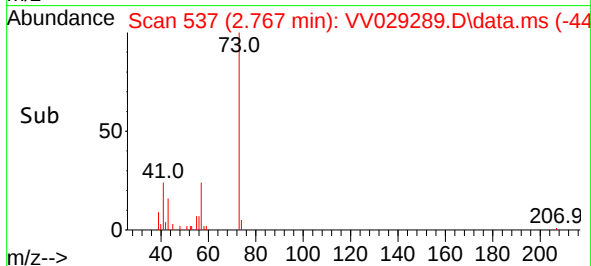
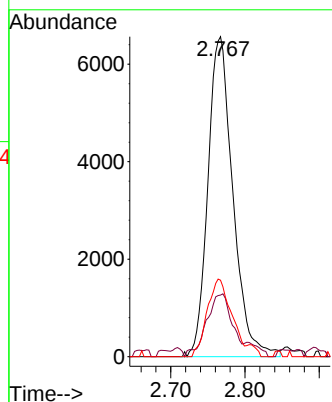
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	73	Resp:	15352
Ion	Ratio	Lower	Upper
73	100		
43	20.2	15.4	23.2
57	23.6	18.9	28.3



#19

1,1-Dichloroethane

Concen: 0.240 ug/L

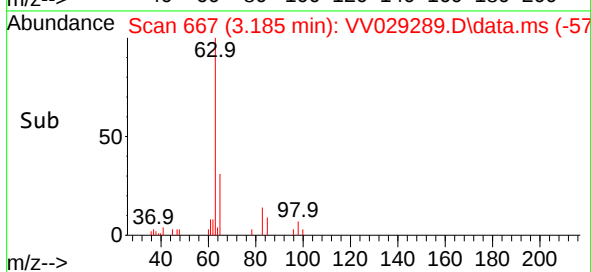
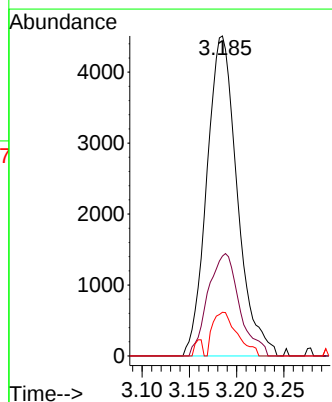
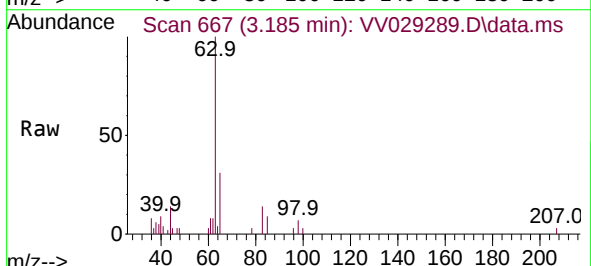
RT: 3.185 min Scan# 667

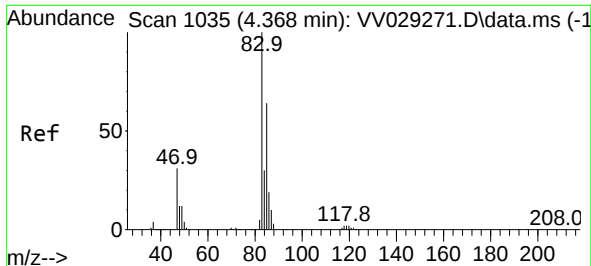
Delta R.T. 0.000 min

Lab File: VV029289.D

Acq: 23 Nov 2022 02:16

Tgt Ion:	63	Resp:	10078
Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.1	41.1
83	13.6	9.0	16.8

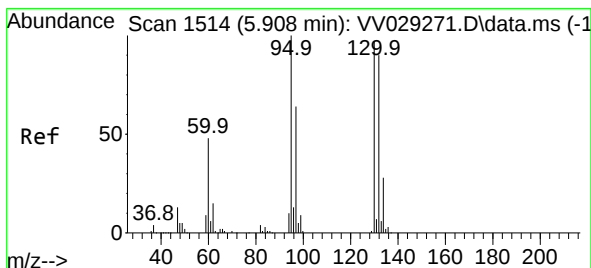
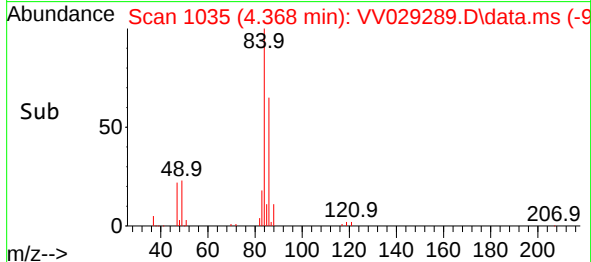
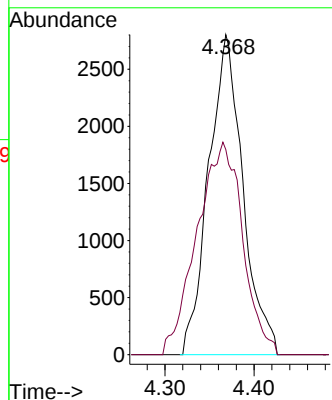
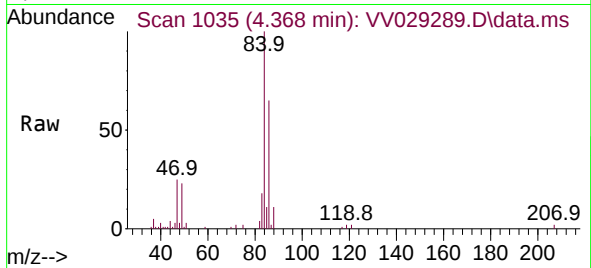




#25
Chloroform
Concen: 0.187 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VV029289.D
Acq: 23 Nov 2022 02:16

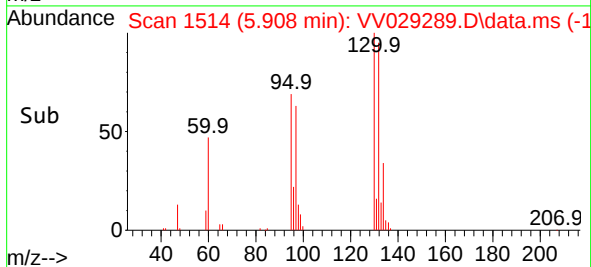
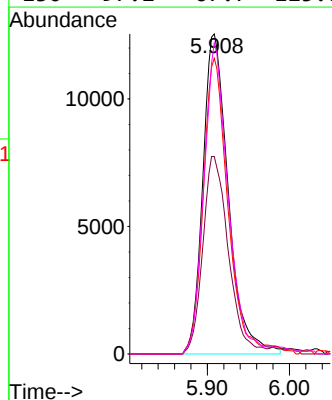
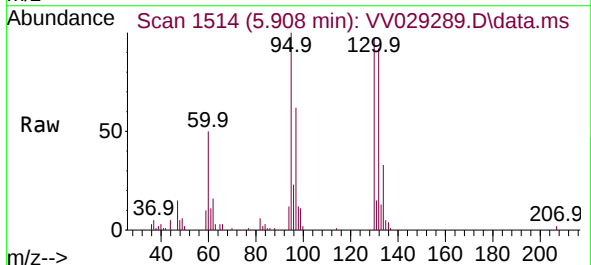
Instrument :
MSVOA_V
ClientSampleId :

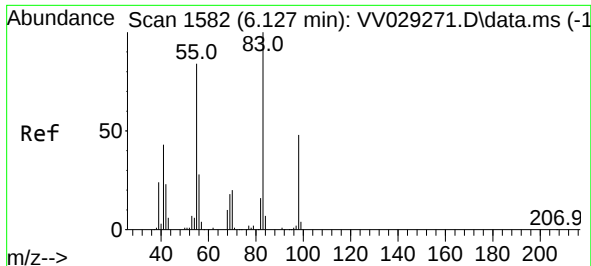
Tgt Ion: 83 Resp: 7474
Ion Ratio Lower Upper
83 100
85 64.1 45.6 84.6



#34
Trichloroethene
Concen: 1.138 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV029289.D
Acq: 23 Nov 2022 02:16

Tgt Ion: 95 Resp: 26993
Ion Ratio Lower Upper
95 100
97 61.7 46.7 86.7
132 92.4 65.7 122.1
130 97.2 67.7 125.7

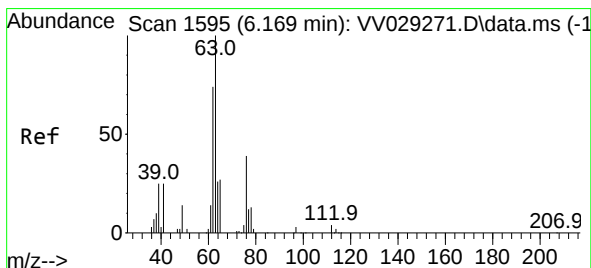
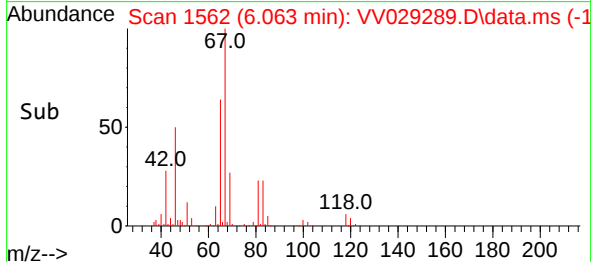
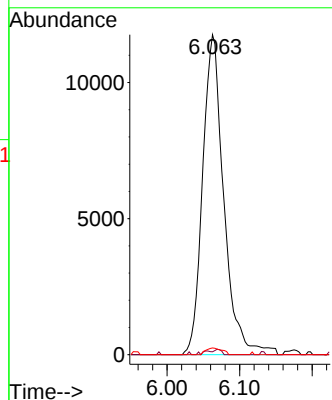
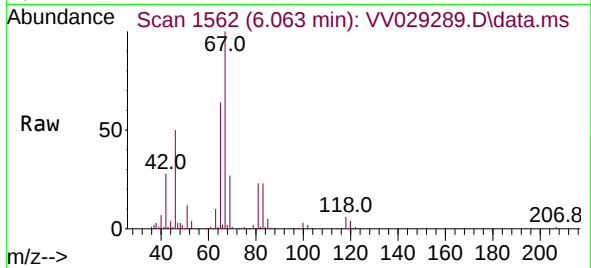




#35
Methylcyclohexane
Concen: 0.623 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.064 min
Lab File: VV029289.D
Acq: 23 Nov 2022 02:16

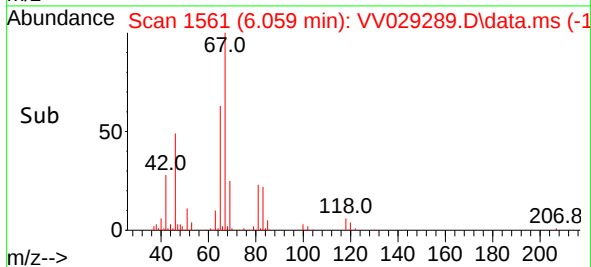
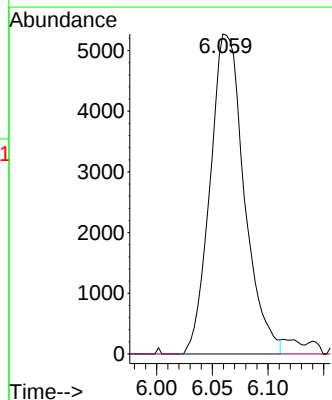
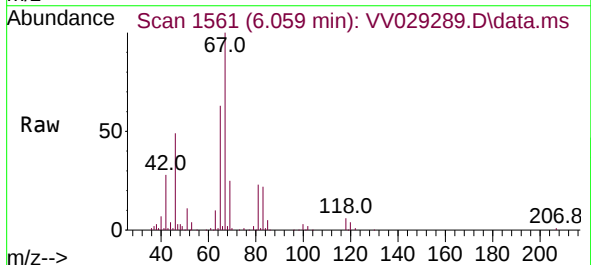
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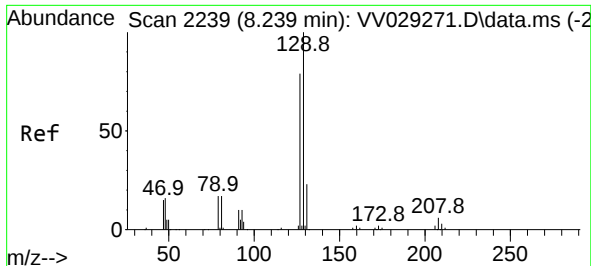
Tgt Ion: 83 Resp: 23884
Ion Ratio Lower Upper
83 100
55 0.6 65.7 98.5#
98 1.6 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 0.481 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.109 min
Lab File: VV029289.D
Acq: 23 Nov 2022 02:16

Tgt Ion: 63 Resp: 11243
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#49

Dibromochloromethane

Concen: 0.038 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.267 min

Lab File: VV029289.D

Acq: 23 Nov 2022 02:16

Instrument :

MSVOA_V

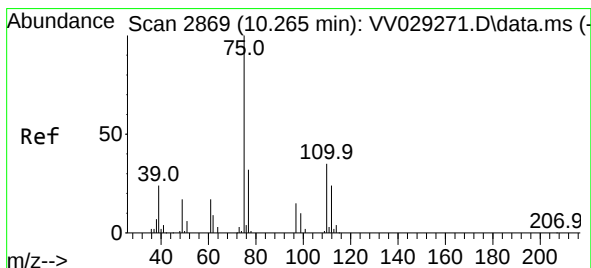
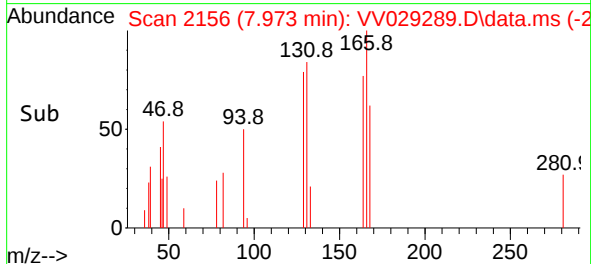
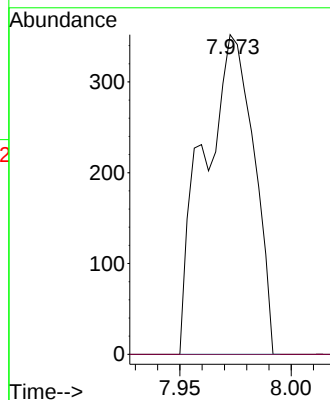
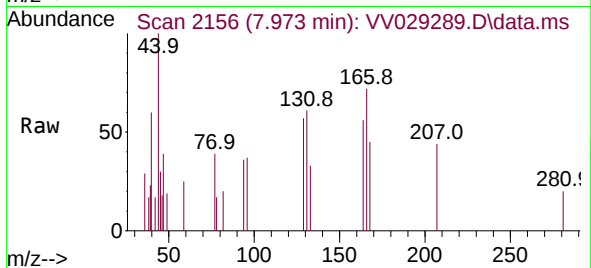
ClientSampleId :

Tgt Ion:129 Resp: 550

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.5#



#61

1,2,3-Trichloropropane

Concen: 1.482 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV029289.D

Acq: 23 Nov 2022 02:16

Tgt Ion: 75 Resp: 15802

Ion Ratio Lower Upper

75 100

77 35.1 25.4 38.0

110 2.7 29.6 44.4#

