

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029286.D
 Acq On : 23 Nov 2022 01:02
 Operator : SY/MD
 Sample : N5652-01DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

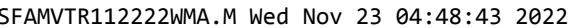
Quant Time: Nov 23 04:48:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:46:18 2022
 Response via : Initial Calibration

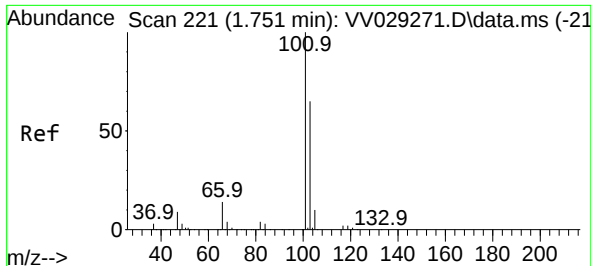
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	278286	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	243551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	113407	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84945	3.200	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.000%
7) Chloroethane-d5	1.564	69	75148	3.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.104	63	109029	2.411	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.200%#
20) 2-Butanone-d5	3.915	46	234796	59.921	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.840%
24) Chloroform-d	4.339	84	151537	4.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
26) 1,2-Dichloroethane-d4	5.027	65	79894	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.043	84	296799	3.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	6.063	67	106343	4.239	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.310	98	242034	3.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	7.615	79	31623	3.785	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.088	63	111192	74.250	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	148.500%#
56) 1,1,2,2-Tetrachloroeth...	10.207	84	66344	5.319	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	89261	4.080	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.751	101	158820	4.536	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	3226	0.156	ug/L #	78
12) 1,1-Dichloroethene	2.111	96	2608	0.127	ug/L #	1
16) Methylene chloride	2.503	84	15538	0.481	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	19962	0.443	ug/L	96
19) 1,1-Dichloroethane	3.185	63	12549	0.298	ug/L	93
22) cis-1,2-Dichloroethene	3.911	96	609	0.027	ug/L #	58
25) Chloroform	4.368	83	4705	0.118	ug/L	88
29) 1,1,1-Trichloroethane	4.593	97	533	0.017	ug/L #	72
35) Methylcyclohexane	6.063	83	23084	0.612	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	11408	0.496	ug/L #	88
61) 1,2,3-Trichloropropane	11.239	75	16419	1.513	ug/L #	68

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

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Response via : Initial Calibration

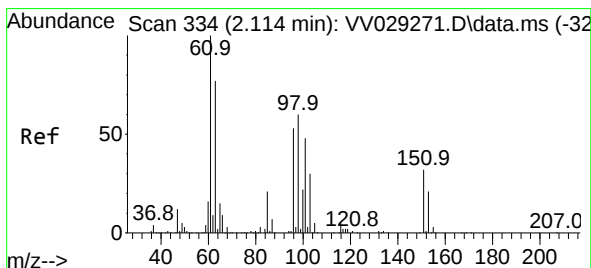
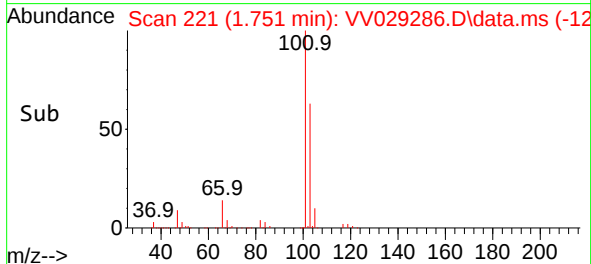
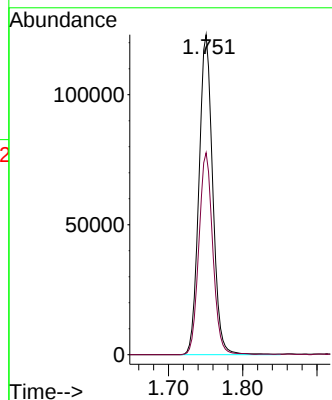
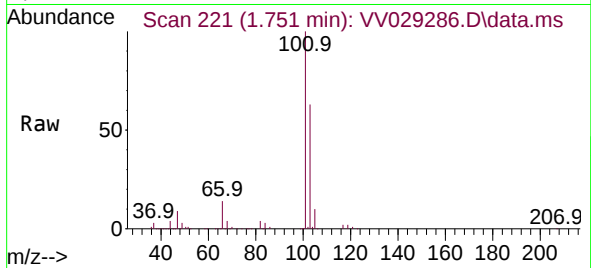




#9
 Trichlorofluoromethane
 Concen: 4.536 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029286.D
 Acq: 23 Nov 2022 01:02

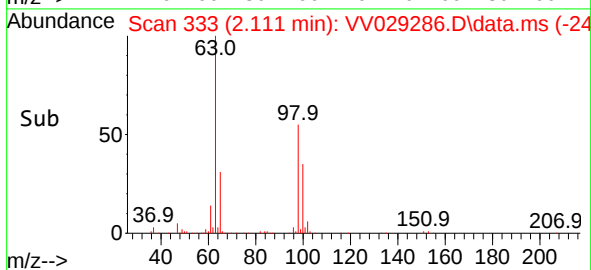
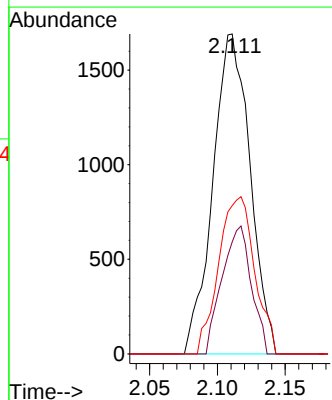
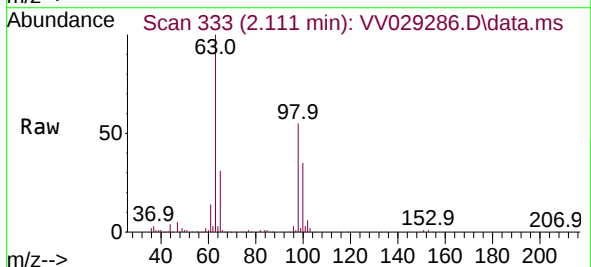
Instrument :
 MSVOA_V
 ClientSampleId :

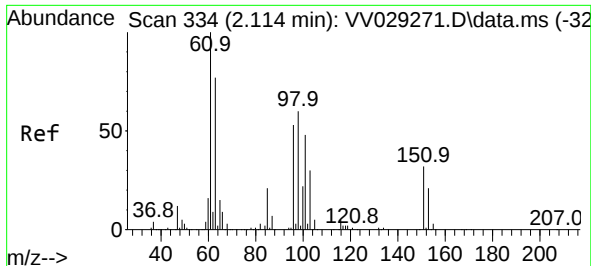
Tgt Ion:101 Resp: 158820
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.7 77.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.156 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.003 min
 Lab File: VV029286.D
 Acq: 23 Nov 2022 01:02

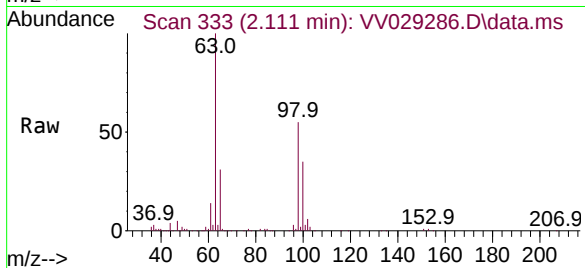
Tgt Ion:101 Resp: 3226
 Ion Ratio Lower Upper
 101 100
 85 31.4 34.7 52.1#
 151 47.5 53.4 80.2#



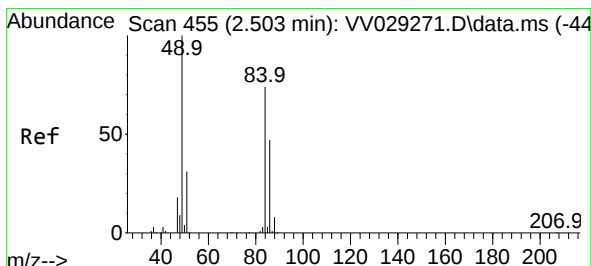
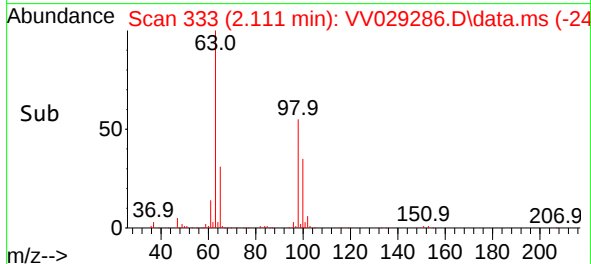
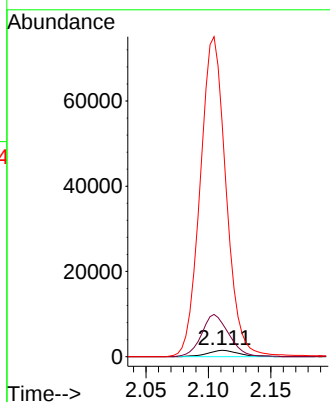


#12
1,1-Dichloroethene
Concen: 0.127 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV029286.D
Acq: 23 Nov 2022 01:02

Instrument :
MSVOA_V
ClientSampleId :

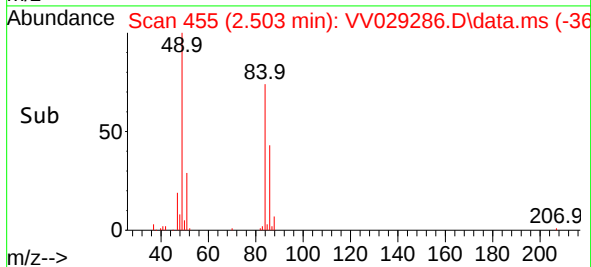
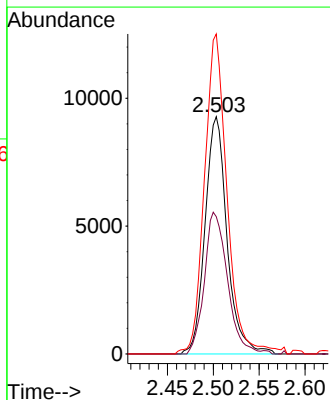
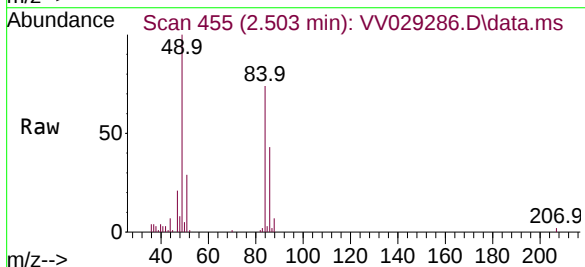


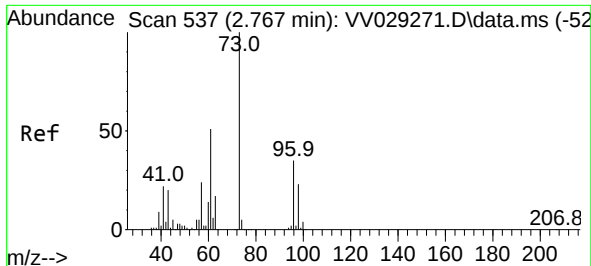
Tgt Ion: 96 Resp: 2608
Ion Ratio Lower Upper
96 100
61 526.0 131.9 245.0#
63 3672.4 98.6 183.0#



#16
Methylene chloride
Concen: 0.481 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV029286.D
Acq: 23 Nov 2022 01:02

Tgt Ion: 84 Resp: 15538
Ion Ratio Lower Upper
84 100
86 57.8 44.2 82.2
49 134.9 91.9 170.7

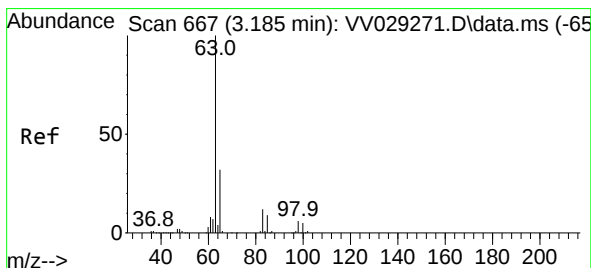
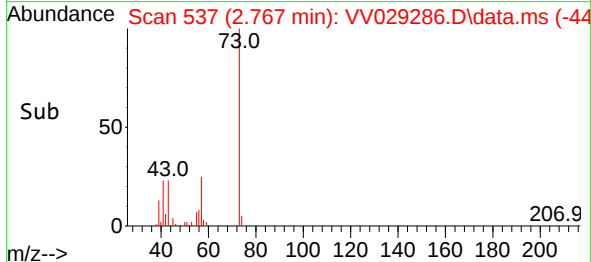
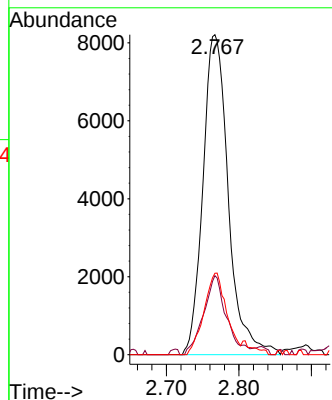
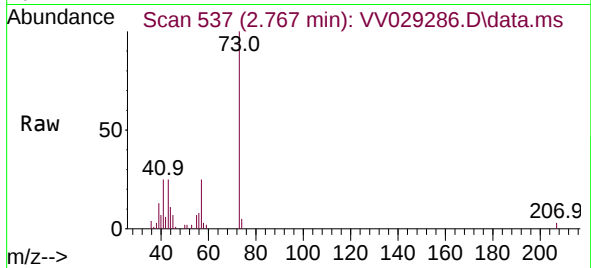




#17
Methyl tert-butyl Ether
Concen: 0.443 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV029286.D
Acq: 23 Nov 2022 01:02

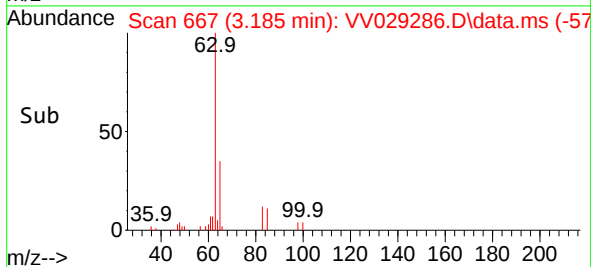
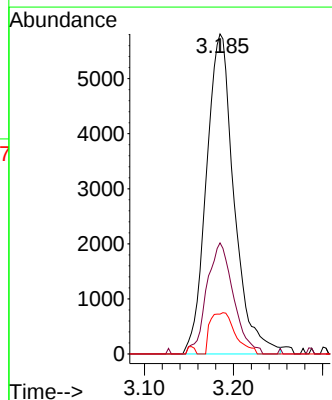
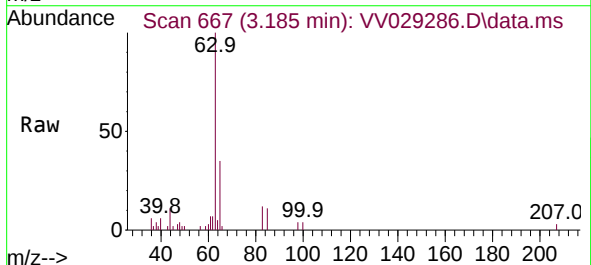
Instrument :
MSVOA_V
ClientSampleId :

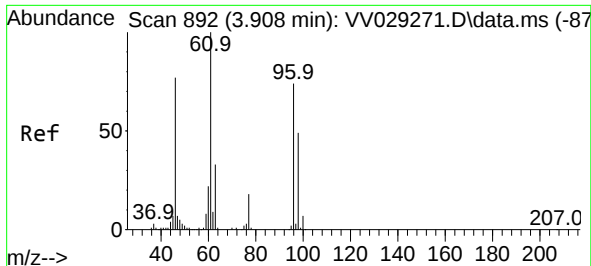
Tgt Ion:	73	Resp:	19962
Ion	Ratio	Lower	Upper
73	100		
43	22.3	15.4	23.2
57	22.5	18.9	28.3



#19
1,1-Dichloroethane
Concen: 0.298 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.000 min
Lab File: VV029286.D
Acq: 23 Nov 2022 01:02

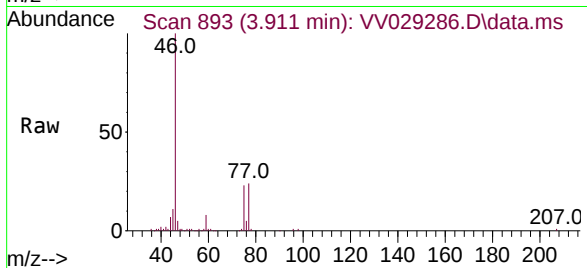
Tgt Ion:	63	Resp:	12549
Ion	Ratio	Lower	Upper
63	100		
65	36.9	22.1	41.1
83	12.4	9.0	16.8



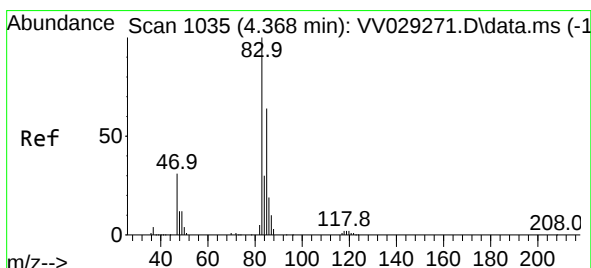
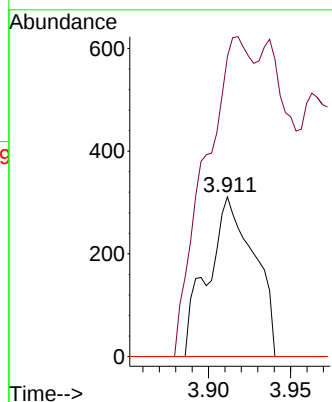
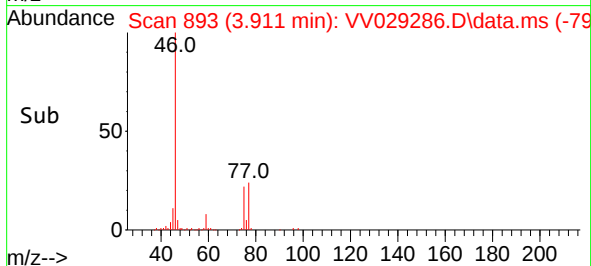


#22
 cis-1,2-Dichloroethene
 Concen: 0.027 ug/L
 RT: 3.911 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV029286.D
 Acq: 23 Nov 2022 01:02

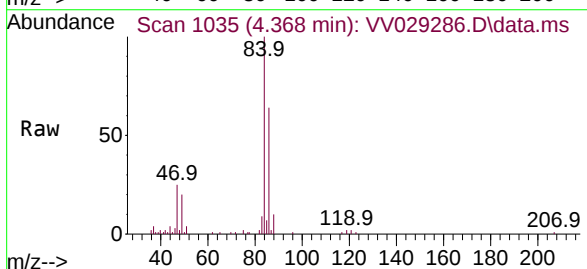
Instrument :
 MSVOA_V
 ClientSampleId :



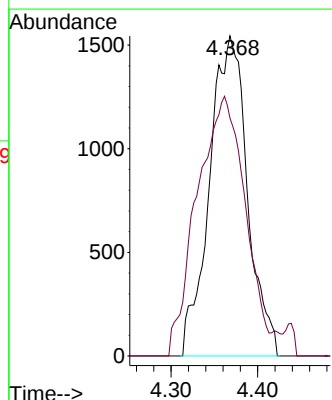
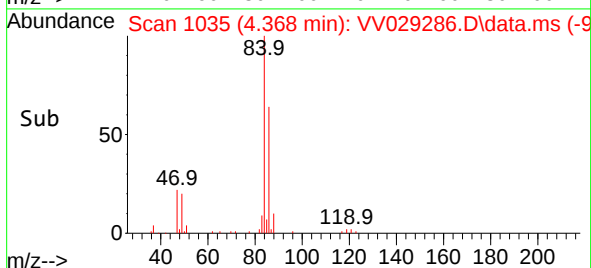
Tgt Ion: 96 Resp: 609
 Ion Ratio Lower Upper
 96 100
 61 187.8 95.8 178.0#
 68 0.0 0.0 0.0

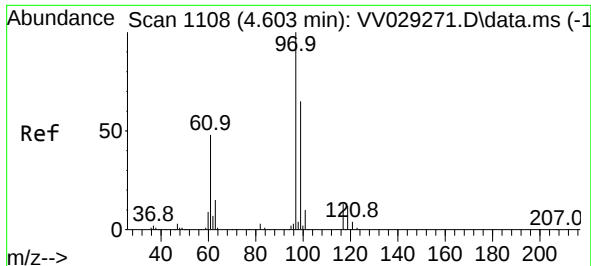


#25
 Chloroform
 Concen: 0.118 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VV029286.D
 Acq: 23 Nov 2022 01:02



Tgt Ion: 83 Resp: 4705
 Ion Ratio Lower Upper
 83 100
 85 74.4 45.6 84.6





#29

1,1,1-Trichloroethane

Concen: 0.017 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.010 min

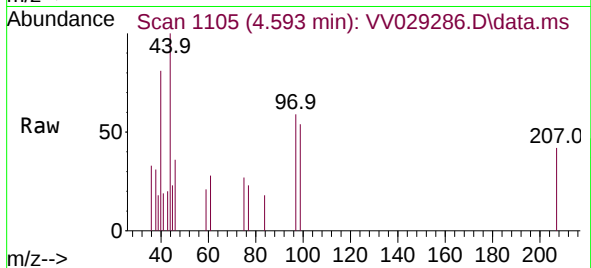
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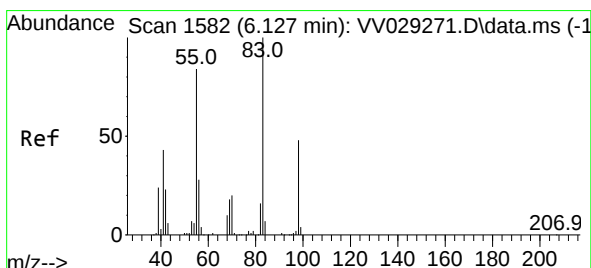
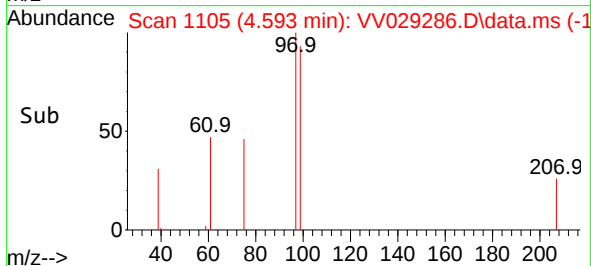
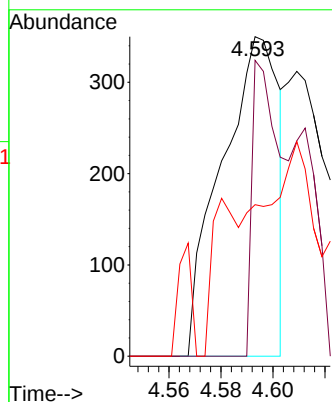
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	97	Resp:	533
Ion	Ratio	Lower	Upper
97	100		
99	47.8	51.1	76.7#
61	22.3	39.0	58.4#



#35

Methylcyclohexane

Concen: 0.612 ug/L

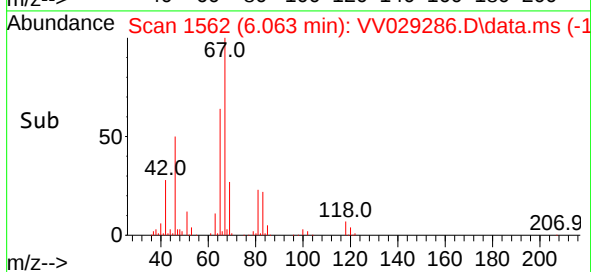
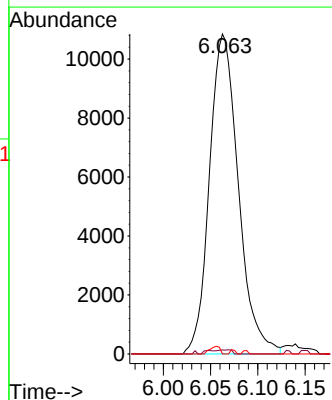
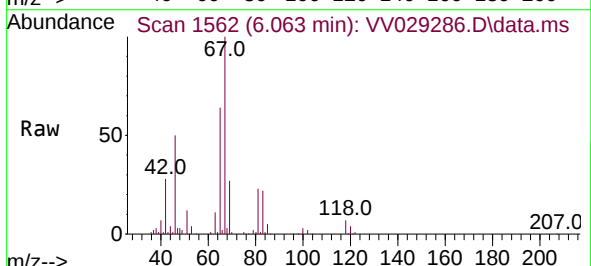
RT: 6.063 min Scan# 1562

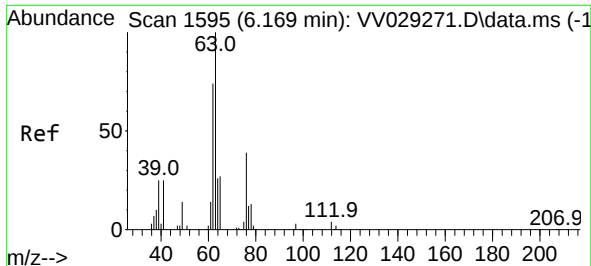
Delta R.T. -0.064 min

Lab File: VV029286.D

Acq: 23 Nov 2022 01:02

Tgt Ion:	83	Resp:	23084
Ion	Ratio	Lower	Upper
83	100		
55	0.4	65.7	98.5#
98	0.8	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 0.496 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV029286.D

Acq: 23 Nov 2022 01:02

Instrument :

MSVOA_V

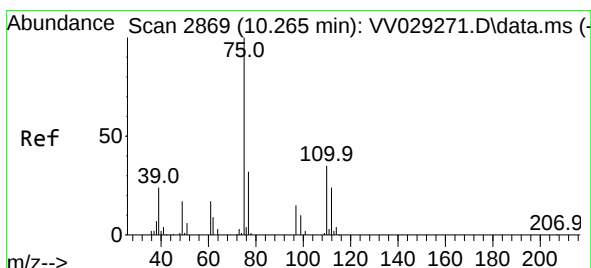
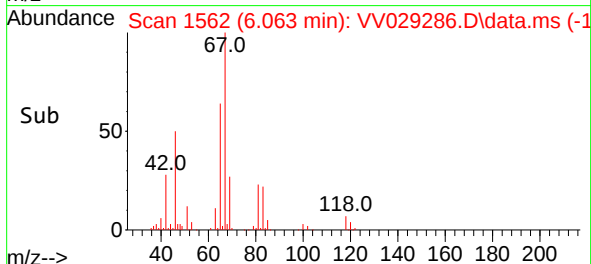
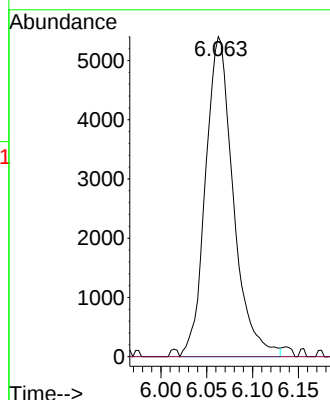
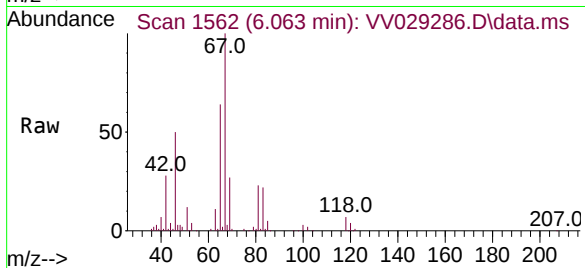
ClientSampleId :

Tgt Ion: 63 Resp: 11408

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#61

1,2,3-Trichloropropane

Concen: 1.513 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV029286.D

Acq: 23 Nov 2022 01:02

Tgt Ion: 75 Resp: 16419

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

110 1.9 29.6 44.4#

