

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029199.D
 Acq On : 20 Nov 2022 02:58
 Operator : SY/MD
 Sample : N5648-17DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46F7DL

Quant Time: Nov 20 04:31:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 03:53:06 2022
 Response via : Initial Calibration

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

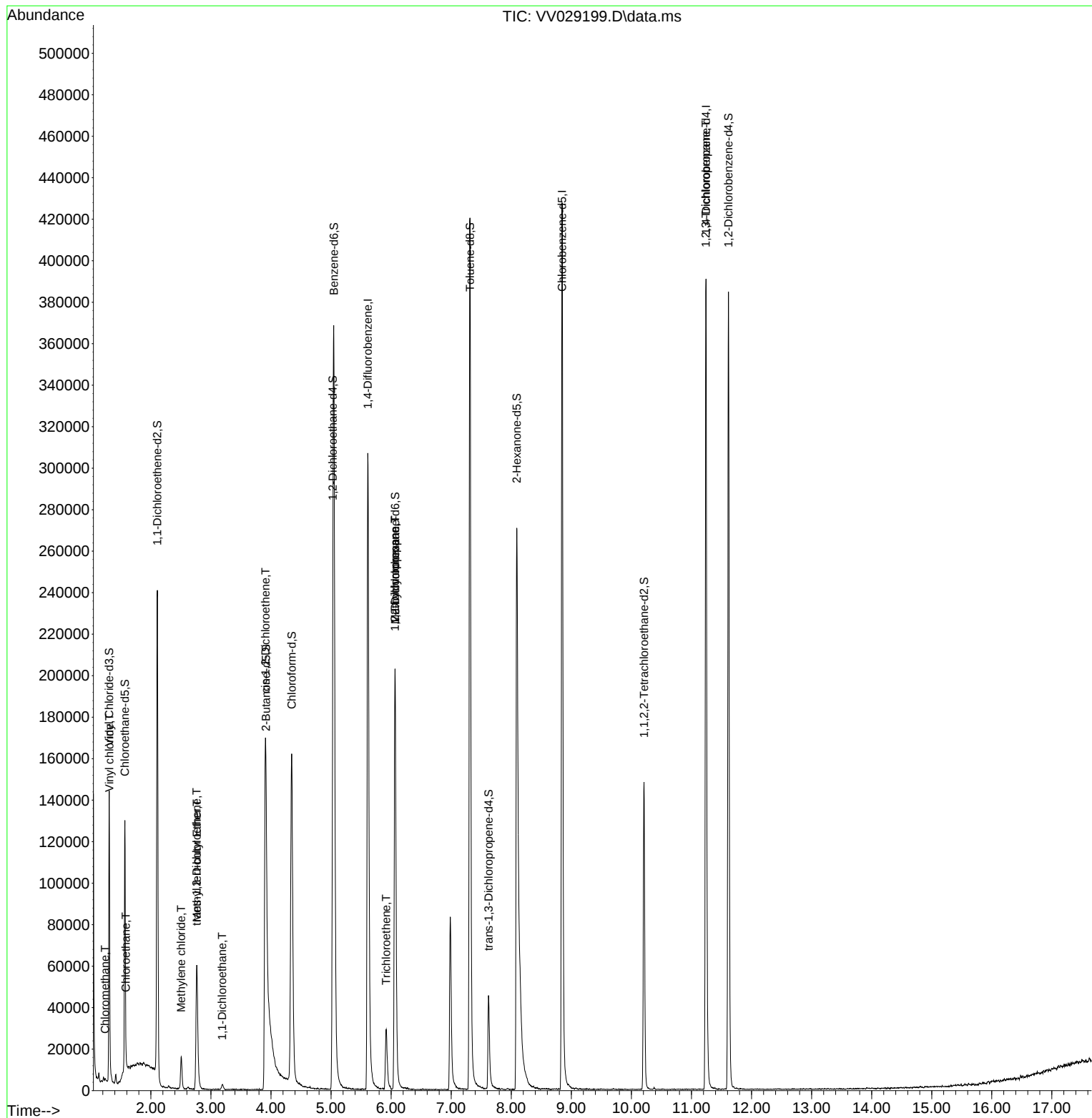
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	294411	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	260179	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	113193	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	97010	5.405	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.000%
7) Chloroethane-d5	1.568	69	78950	5.004	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.108	63	118616	3.626	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.918	46	31686	10.546	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	21.100%#
24) Chloroform-d	4.346	84	172578	4.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.031	65	80997	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.047	84	363475	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.066	67	106896	4.929	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.313	98	305516	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	7.622	79	30850	4.362	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.092	63	139836	46.319	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.640%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	76278	5.073	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	107291	5.298	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1149	0.056	ug/L	87
5) Vinyl chloride	1.311	62	1275	0.055	ug/L #	1
8) Chloroethane	1.584	64	1817	0.133	ug/L #	53
16) Methylene chloride	2.507	84	7164	0.311	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	44141	1.155	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	9953	0.481	ug/L	94
19) 1,1-Dichloroethane	3.188	63	2771	0.082	ug/L	92
22) cis-1,2-Dichloroethene	3.908	96	85282	4.058	ug/L	99
34) Trichloroethene	5.918	95	11461	0.563	ug/L	92
35) Methylcyclohexane	6.066	83	25777	0.721	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	11360	0.620	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	12416	1.605	ug/L #	65

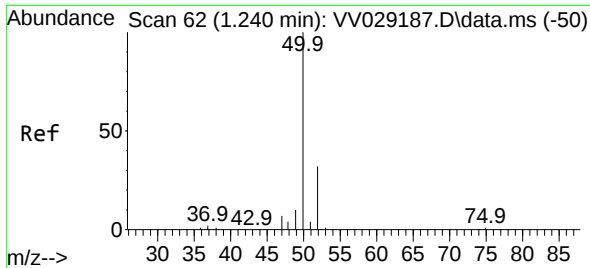
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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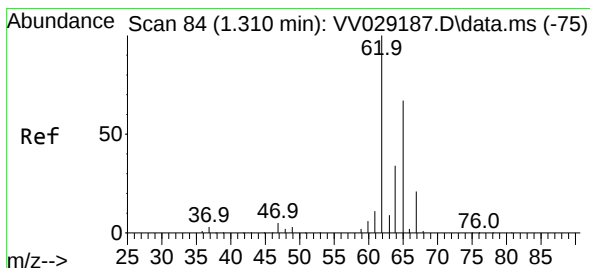
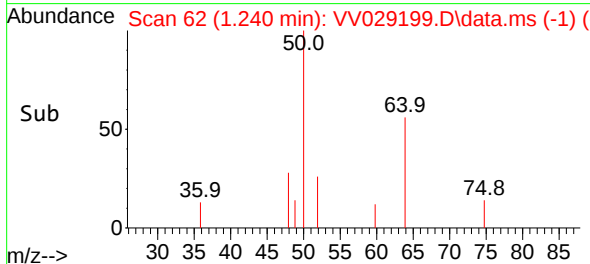
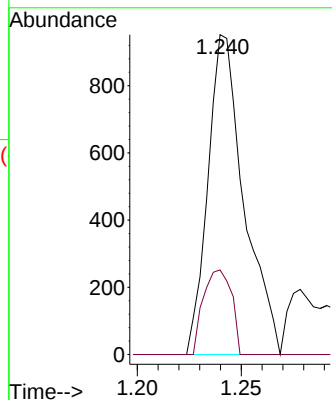
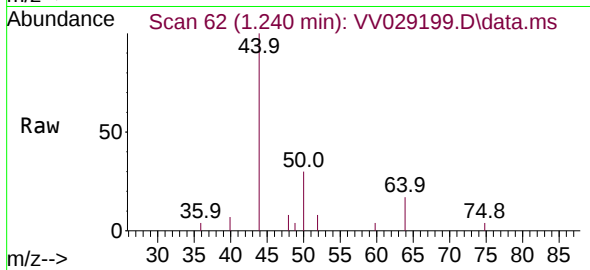




#3
Chloromethane
Concen: 0.056 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029199.D
Acq: 20 Nov 2022 02:58

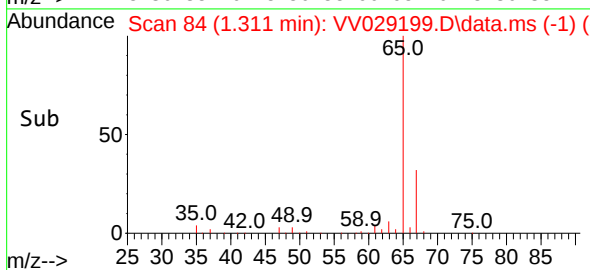
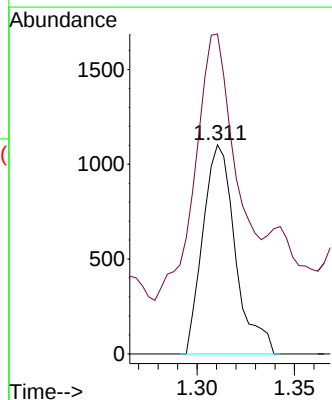
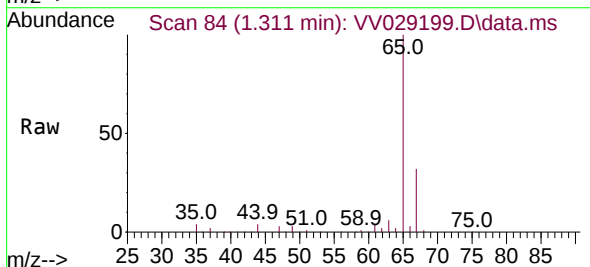
Instrument :
MSVOA_V
ClientSampleId :
H46F7DL

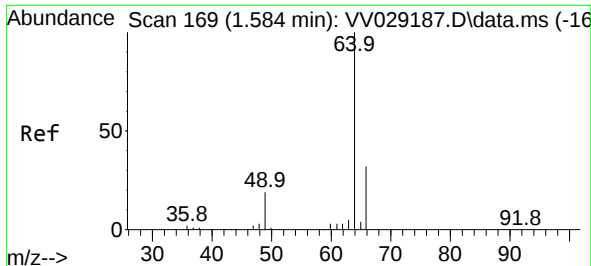
Tgt Ion: 50 Resp: 1149
Ion Ratio Lower Upper
50 100
52 26.5 23.7 43.9



#5
Vinyl chloride
Concen: 0.055 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029199.D
Acq: 20 Nov 2022 02:58

Tgt Ion: 62 Resp: 1275
Ion Ratio Lower Upper
62 100
64 153.1 22.8 42.4#

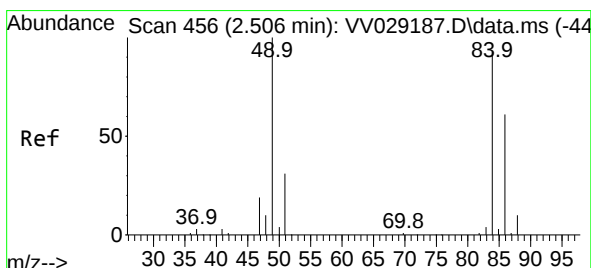
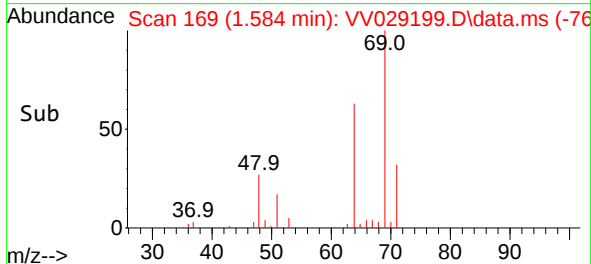
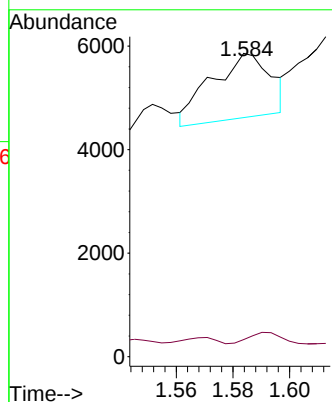
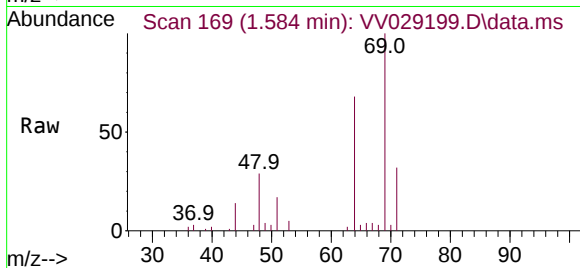




#8
Chloroethane
Concen: 0.133 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV029199.D
Acq: 20 Nov 2022 02:58

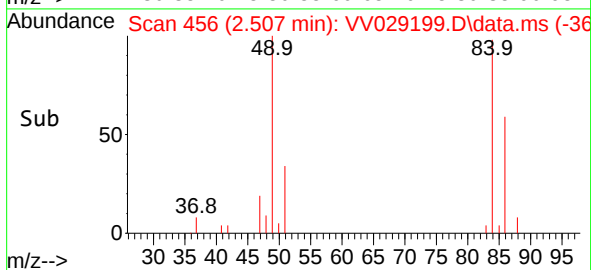
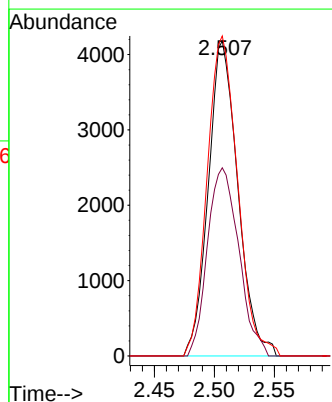
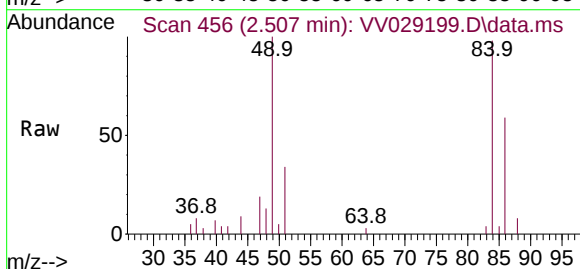
Instrument :
MSVOA_V
ClientSampleId :
H46F7DL

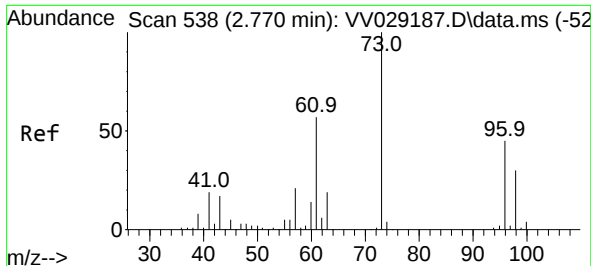
Tgt Ion: 64 Resp: 1817
Ion Ratio Lower Upper
64 100
66 5.6 22.0 40.8#



#16
Methylene chloride
Concen: 0.311 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV029199.D
Acq: 20 Nov 2022 02:58

Tgt Ion: 84 Resp: 7164
Ion Ratio Lower Upper
84 100
86 59.7 45.8 85.0
49 101.5 75.5 140.1

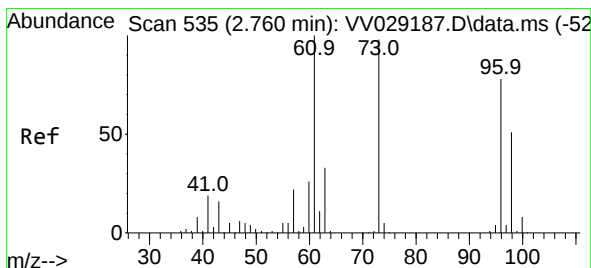
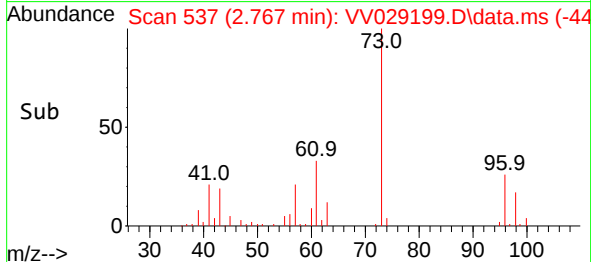
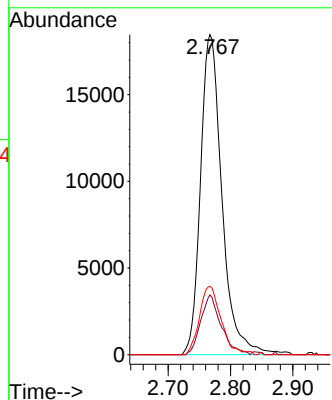
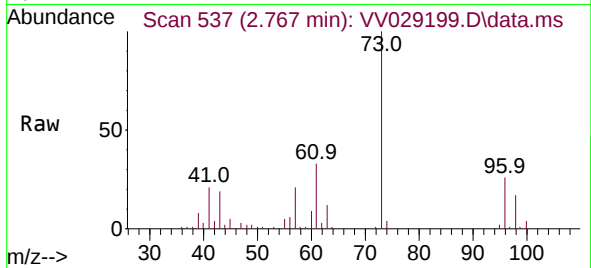




#17
Methyl tert-butyl Ether
Concen: 1.155 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029199.D
Acq: 20 Nov 2022 02:58

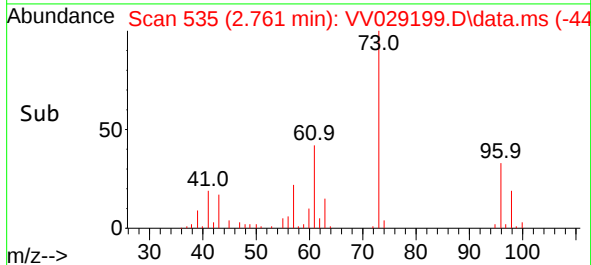
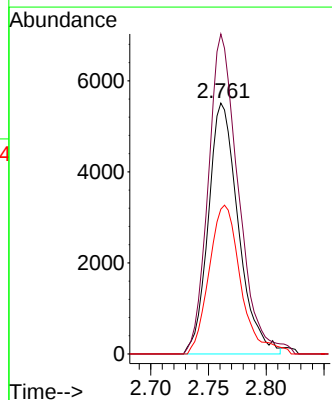
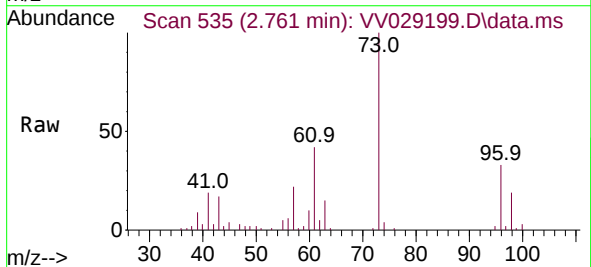
Instrument :
MSVOA_V
ClientSampleId :
H46F7DL

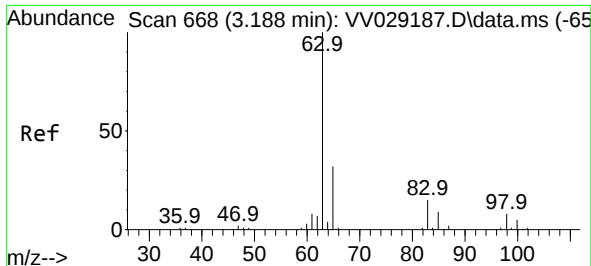
Tgt Ion: 73	Resp: 44141
Ion Ratio	Lower Upper
73 100	
43 17.7	13.0 19.4
57 21.6	16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 0.481 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV029199.D
Acq: 20 Nov 2022 02:58

Tgt Ion: 96	Resp: 9953
Ion Ratio	Lower Upper
96 100	
61 127.5	91.8 170.6
98 57.7	46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.082 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV029199.D

Acq: 20 Nov 2022 02:58

Instrument :

MSVOA_V

ClientSampleId :

H46F7DL

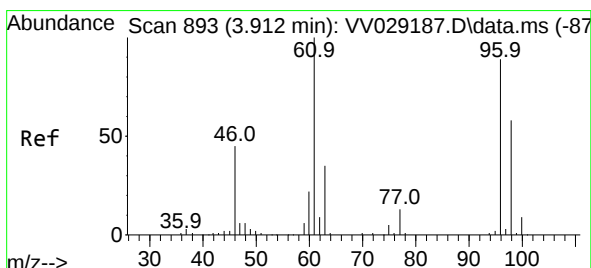
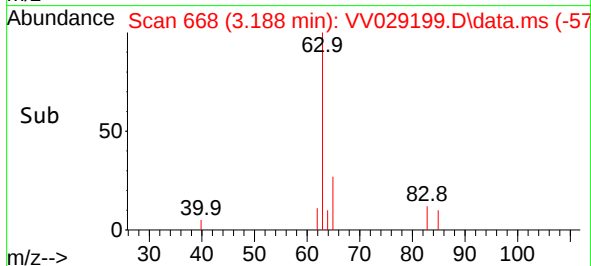
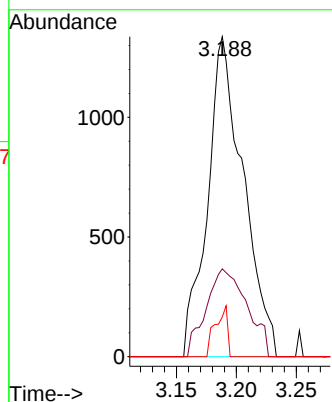
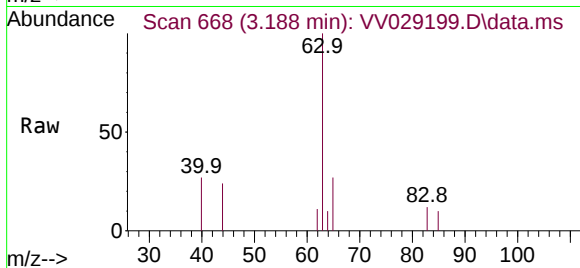
Tgt Ion: 63 Resp: 2771

Ion Ratio Lower Upper

63 100

65 27.4 23.0 42.6

83 12.4 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 4.058 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.003 min

Lab File: VV029199.D

Acq: 20 Nov 2022 02:58

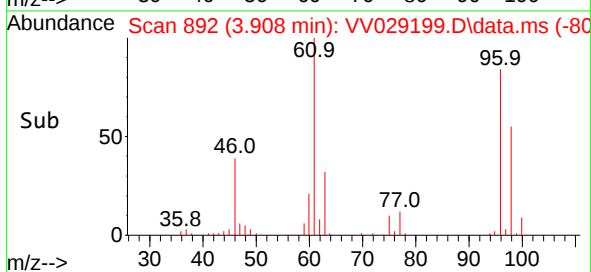
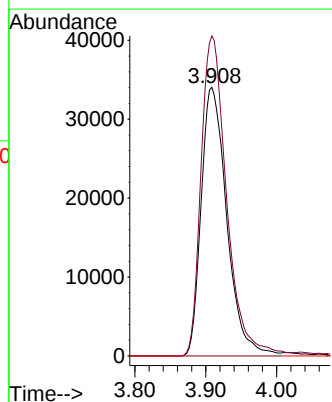
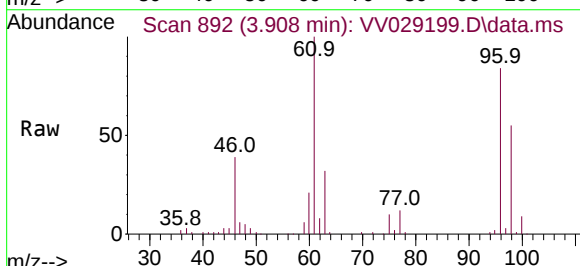
Tgt Ion: 96 Resp: 85282

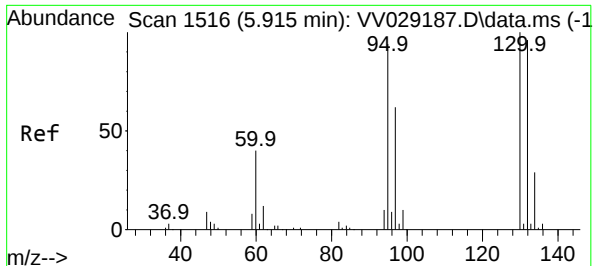
Ion Ratio Lower Upper

96 100

61 119.1 82.3 152.9

68 0.0 0.0 0.0



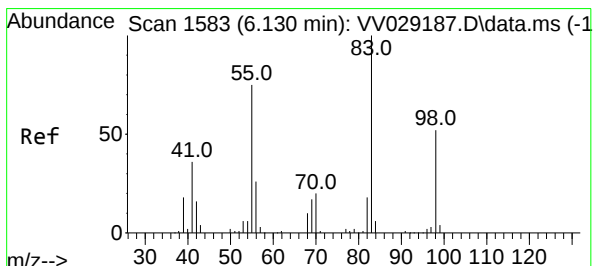
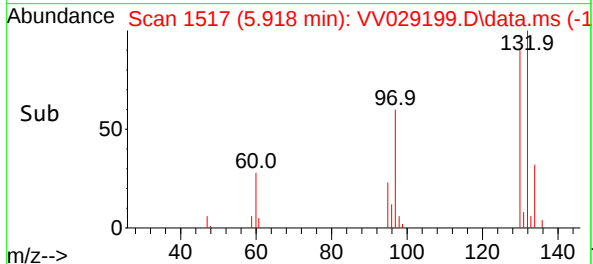
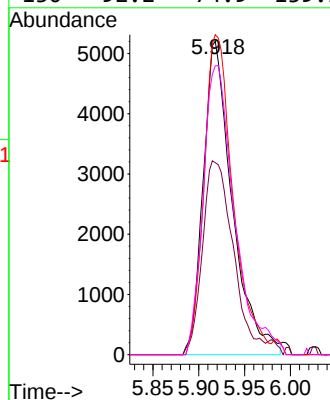
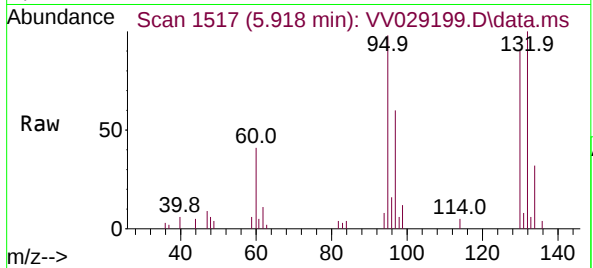


#34
Trichloroethene
Concen: 0.563 ug/L
RT: 5.918 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV029199.D
Acq: 20 Nov 2022 02:58

Instrument :
MSVOA_V
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Tgt Ion: 95 Resp: 11461

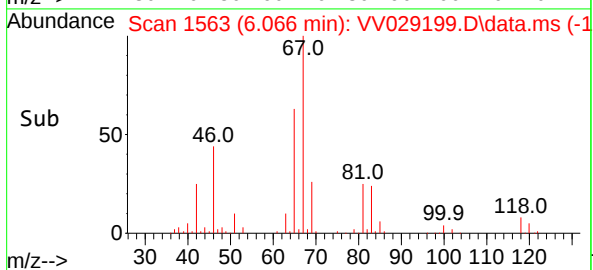
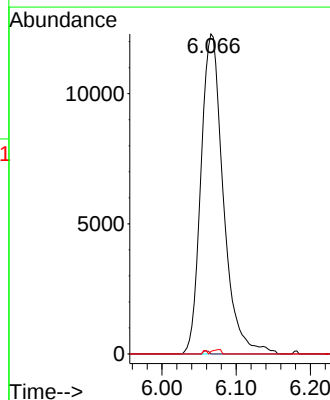
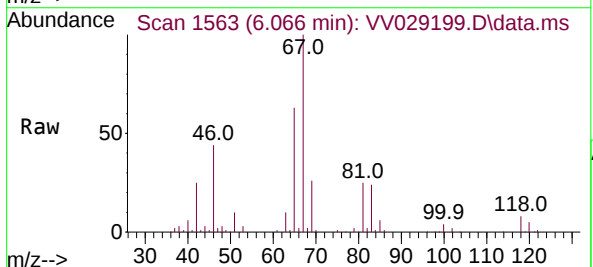
Ion	Ratio	Lower	Upper
95	100		
97	61.3	45.6	84.8
132	102.1	69.1	128.3
130	92.2	74.9	139.1

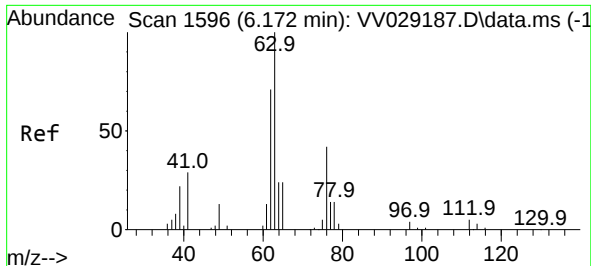


#35
Methylcyclohexane
Concen: 0.721 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029199.D
Acq: 20 Nov 2022 02:58

Tgt Ion: 83 Resp: 25777

Ion	Ratio	Lower	Upper
83	100		
55	0.2	55.8	83.6#
98	0.2	38.2	57.2#





#37

1,2-Dichloropropane

Concen: 0.620 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.109 min

Lab File: VV029199.D

Acq: 20 Nov 2022 02:58

Instrument :

MSVOA_V

ClientSampleId :

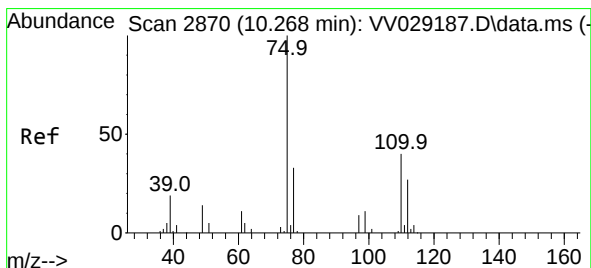
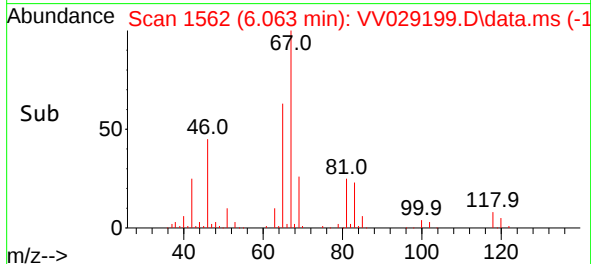
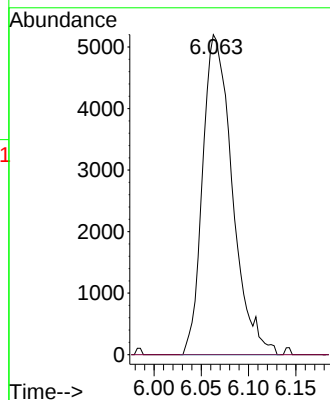
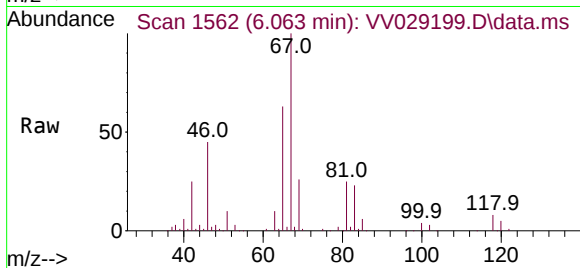
H46F7DL

Tgt Ion: 63 Resp: 11360

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 1.605 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.971 min

Lab File: VV029199.D

Acq: 20 Nov 2022 02:58

Tgt Ion: 75 Resp: 12416

Ion Ratio Lower Upper

75 100

77 33.8 26.2 39.2

110 2.3 32.6 48.8#

