

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029197.D
 Acq On : 20 Nov 2022 02:09
 Operator : SY/MD
 Sample : N5648-15DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E2DL

Quant Time: Nov 20 04:31:14 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)

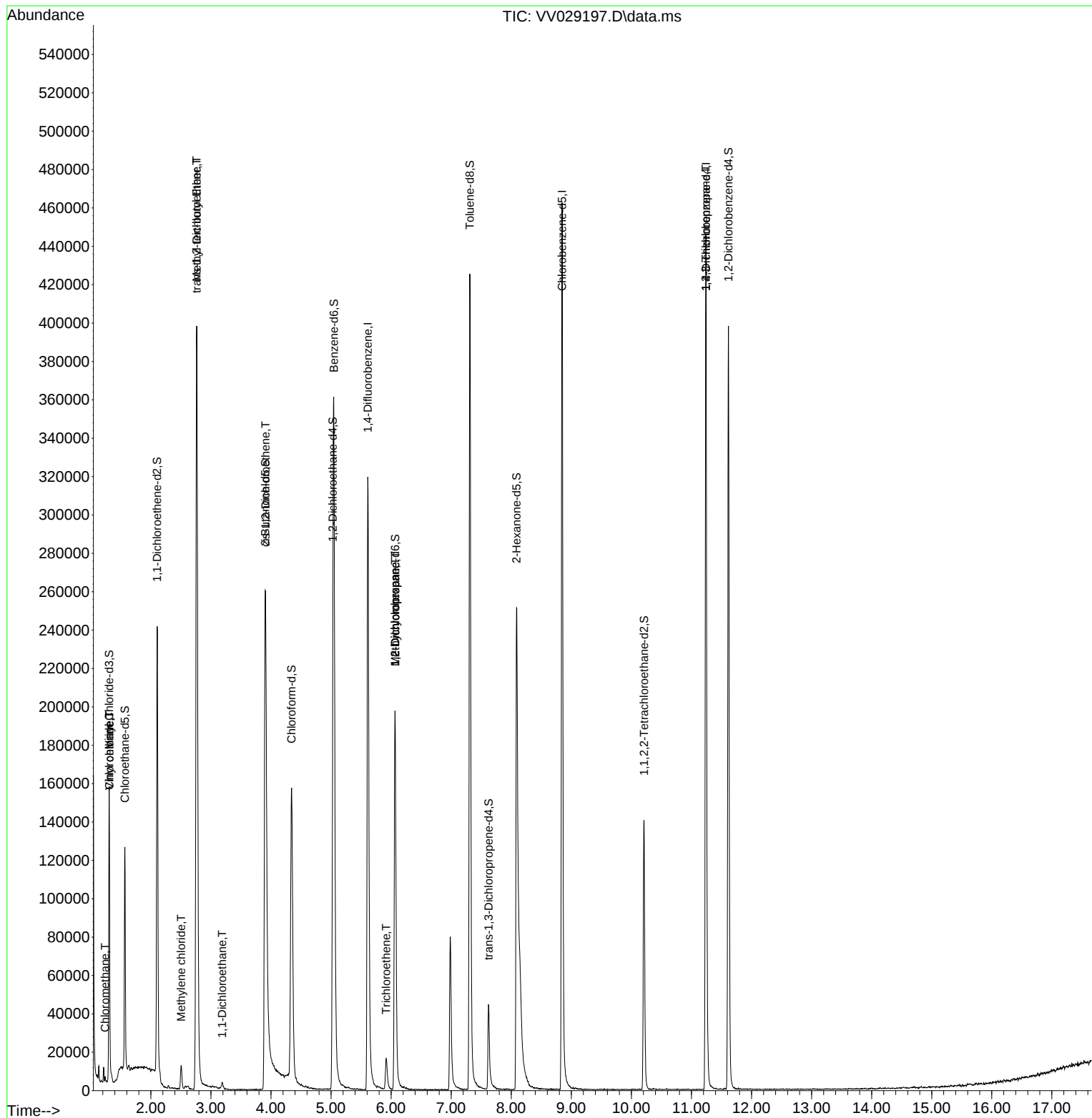
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	298559	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	277891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	128781	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	93015	5.110	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.200%
7) Chloroethane-d5	1.568	69	77486	4.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.105	63	117843	3.553	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	3.905	46	113304	37.187	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.380%
24) Chloroform-d	4.342	84	166525	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.030	65	79588	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.047	84	352768	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.066	67	103361	4.463	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.310	98	306250	4.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.622	79	30273	4.007	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.088	63	138687	43.010	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.020%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	74633	4.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	110433	4.793	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1626	0.079	ug/L	96
5) Vinyl chloride	1.310	62	11641	0.494	ug/L	87
8) Chloroethane	1.310	64	4630	0.334	ug/L	93
16) Methylene chloride	2.506	84	5474	0.234	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	359363	9.274	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	32294	1.541	ug/L	99
19) 1,1-Dichloroethane	3.188	63	2992	0.087	ug/L #	84
22) cis-1,2-Dichloroethene	3.908	96	128689	6.039	ug/L	99
34) Trichloroethene	5.918	95	6225	0.286	ug/L	90
35) Methylcyclohexane	6.066	83	26114	0.683	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10734	0.548	ug/L #	86
61) 1,2,3-Trichloropropane	11.239	75	13828	1.571	ug/L #	64

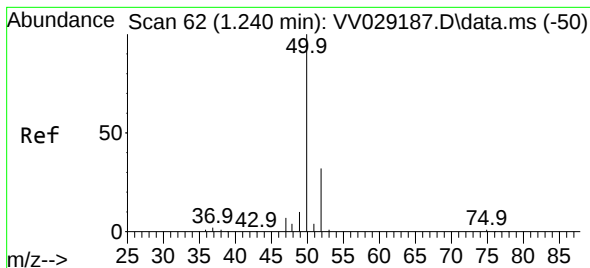
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.079 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV029197.D

Acq: 20 Nov 2022 02:09

Instrument :

MSVOA_V

ClientSampleId :

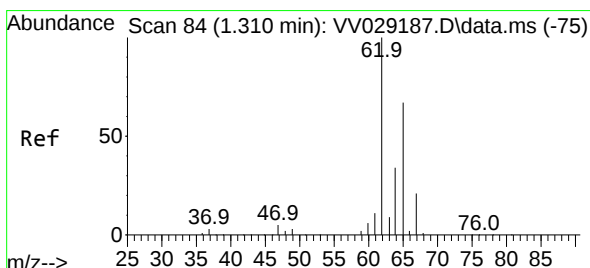
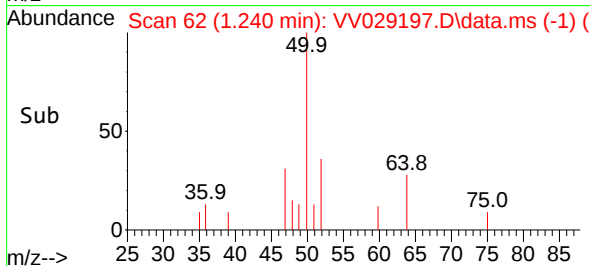
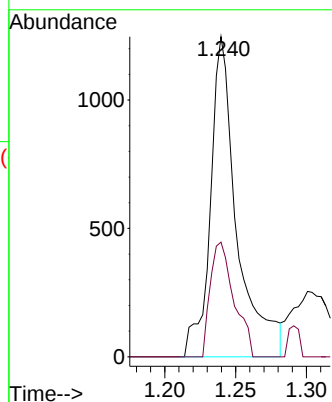
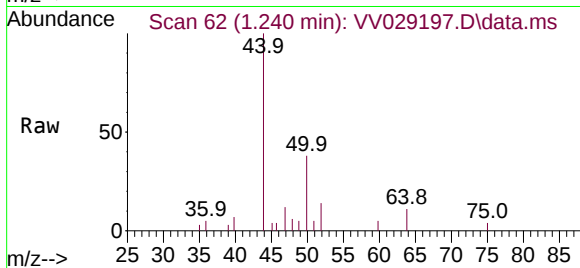
H46E2DL

Tgt Ion: 50 Resp: 1626

Ion Ratio Lower Upper

50 100

52 35.8 23.7 43.9



#5

Vinyl chloride

Concen: 0.494 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV029197.D

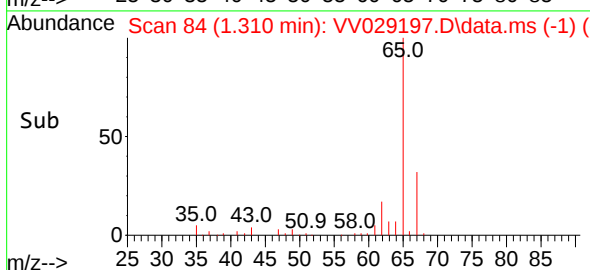
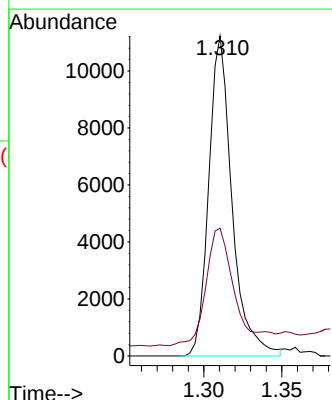
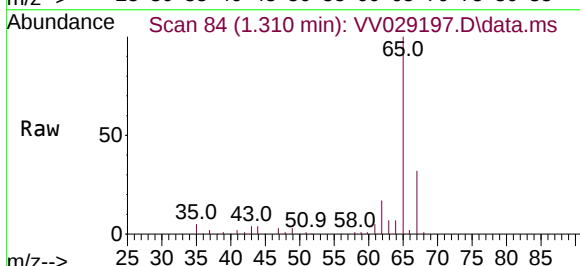
Acq: 20 Nov 2022 02:09

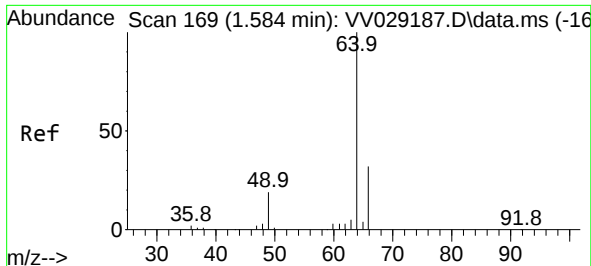
Tgt Ion: 62 Resp: 11641

Ion Ratio Lower Upper

62 100

64 40.0 22.8 42.4





#8

Chloroethane

Concen: 0.334 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.273 min

Lab File: VV029197.D

Acq: 20 Nov 2022 02:09

Instrument :

MSVOA_V

ClientSampleId :

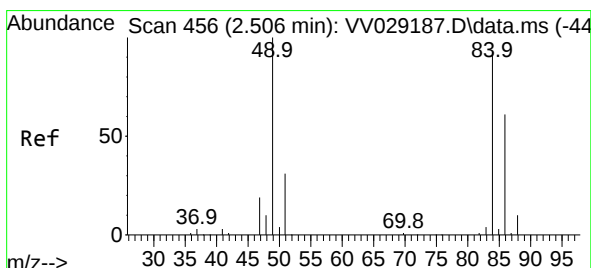
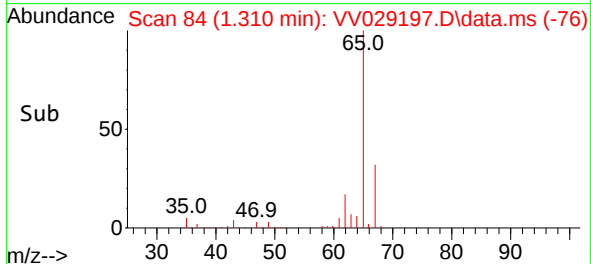
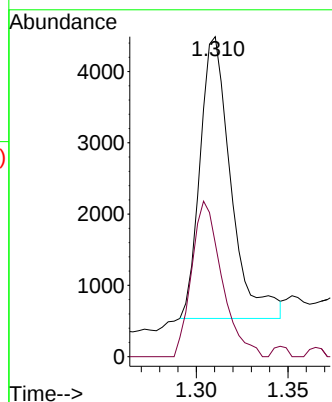
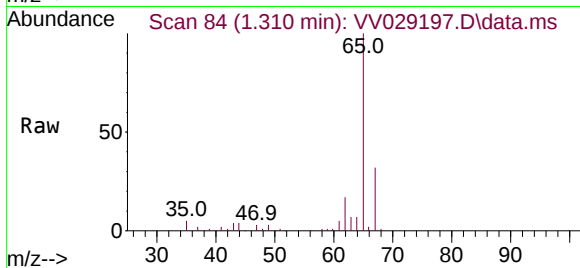
H46E2DL

Tgt Ion: 64 Resp: 4630

Ion Ratio Lower Upper

64 100

66 35.5 22.0 40.8



#16

Methylene chloride

Concen: 0.234 ug/L

RT: 2.506 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV029197.D

Acq: 20 Nov 2022 02:09

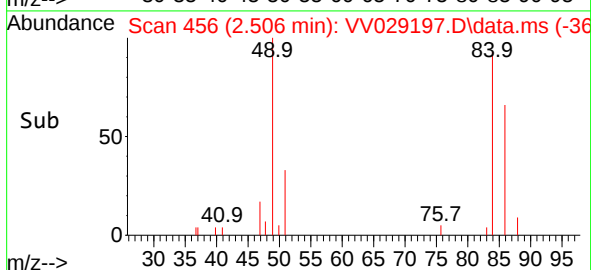
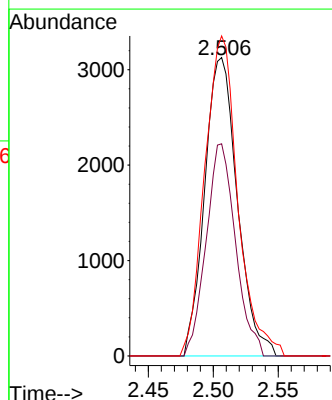
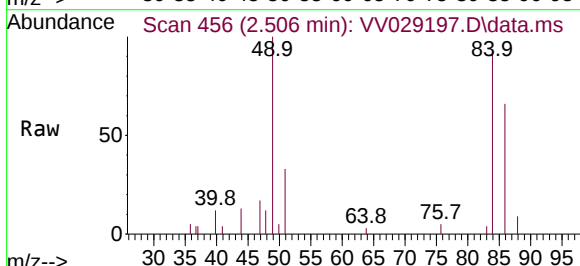
Tgt Ion: 84 Resp: 5474

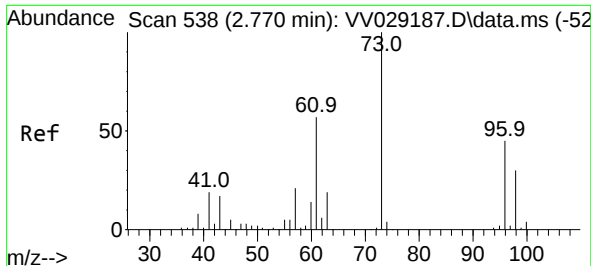
Ion Ratio Lower Upper

84 100

86 71.1 45.8 85.0

49 107.2 75.5 140.1

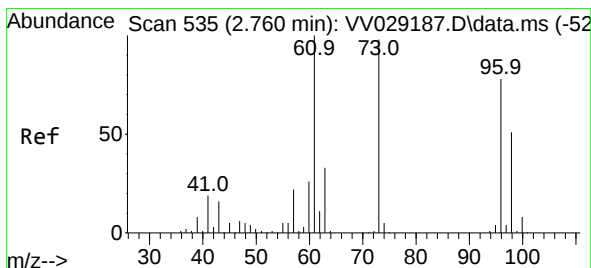
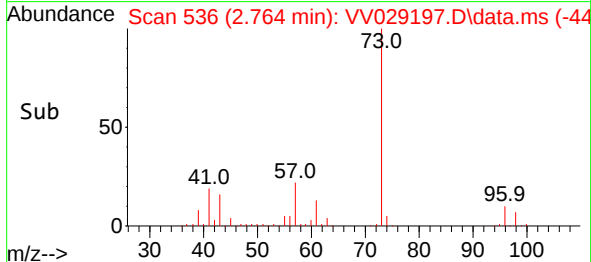
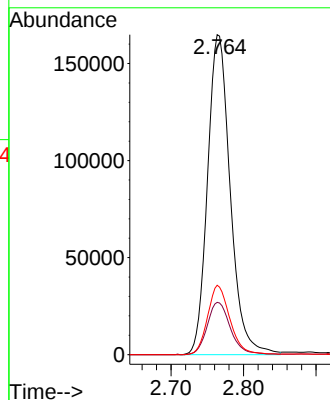
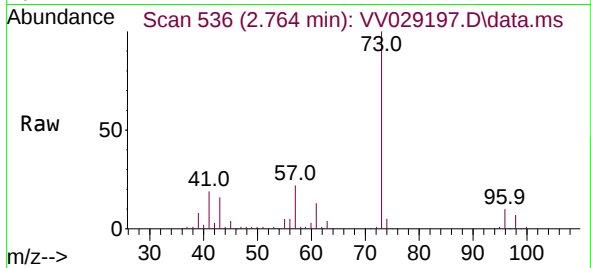




#17
Methyl tert-butyl Ether
Concen: 9.274 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV029197.D
Acq: 20 Nov 2022 02:09

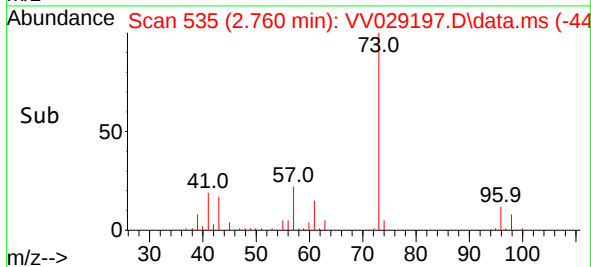
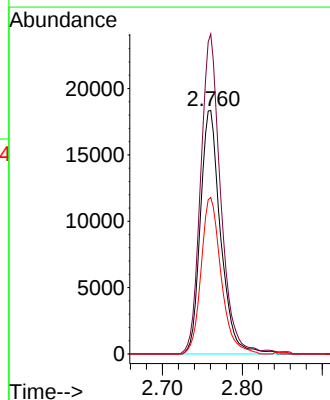
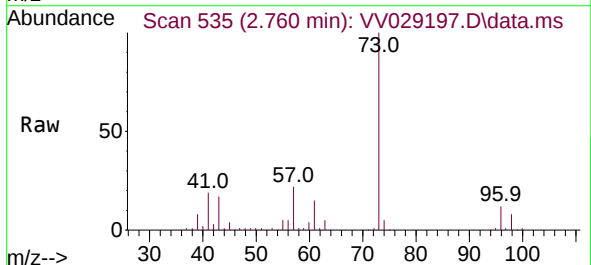
Instrument :
MSVOA_V
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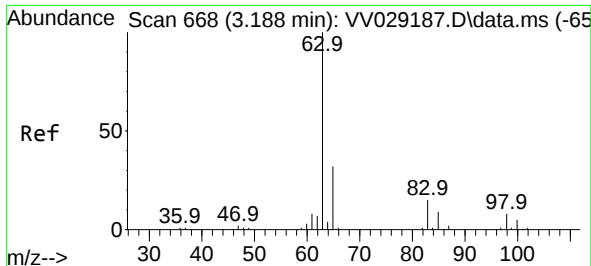
Tgt Ion: 73 Resp: 359363
Ion Ratio Lower Upper
73 100
43 16.7 13.0 19.4
57 21.3 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 1.541 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV029197.D
Acq: 20 Nov 2022 02:09

Tgt Ion: 96 Resp: 32294
Ion Ratio Lower Upper
96 100
61 131.4 91.8 170.6
98 64.2 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.087 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.000 min

Lab File: VV029197.D

Acq: 20 Nov 2022 02:09

Instrument :

MSVOA_V

ClientSampleId :

H46E2DL

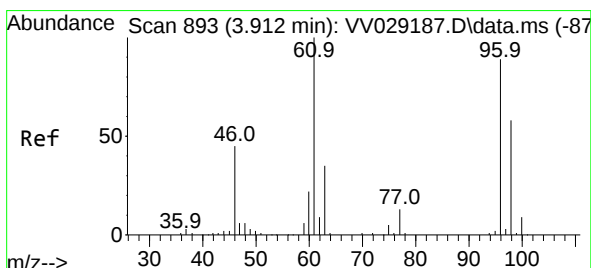
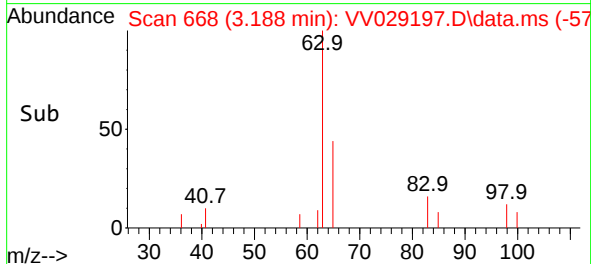
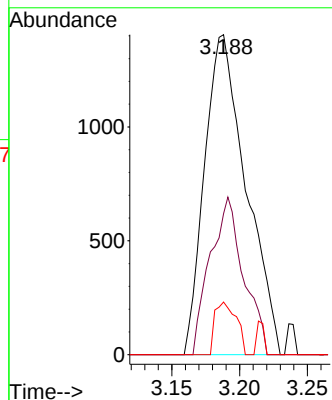
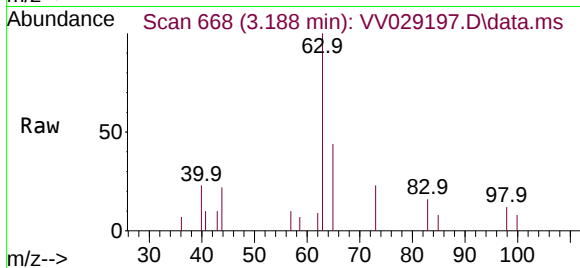
Tgt Ion: 63 Resp: 2992

Ion Ratio Lower Upper

63 100

65 44.1 23.0 42.6#

83 16.4 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 6.039 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.003 min

Lab File: VV029197.D

Acq: 20 Nov 2022 02:09

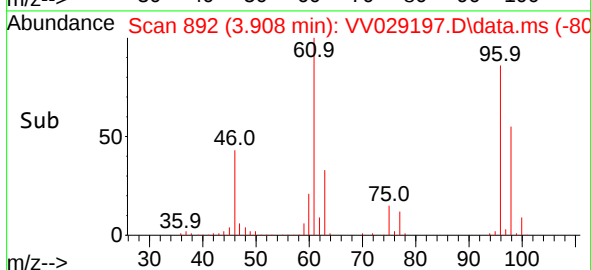
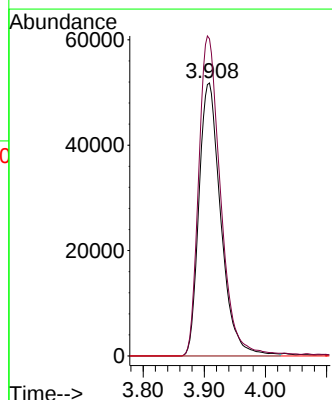
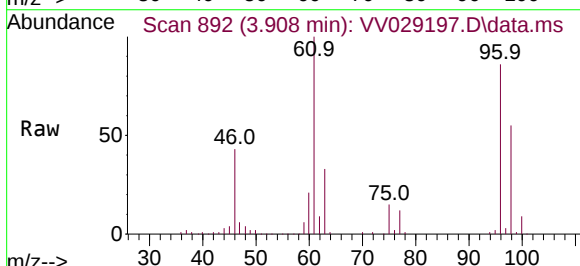
Tgt Ion: 96 Resp: 128689

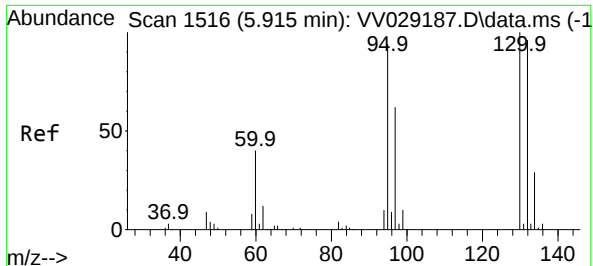
Ion Ratio Lower Upper

96 100

61 116.2 82.3 152.9

68 0.0 0.0 0.0



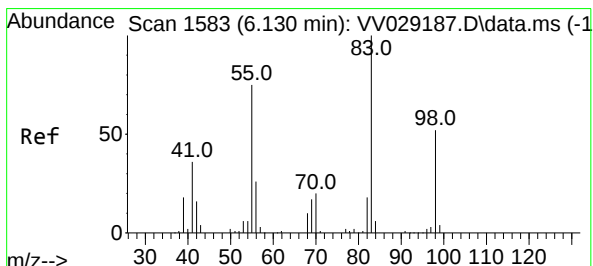
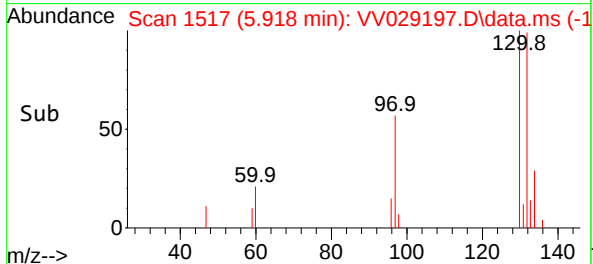
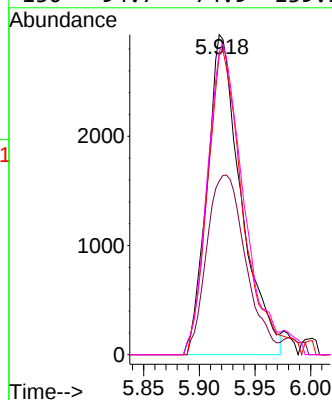
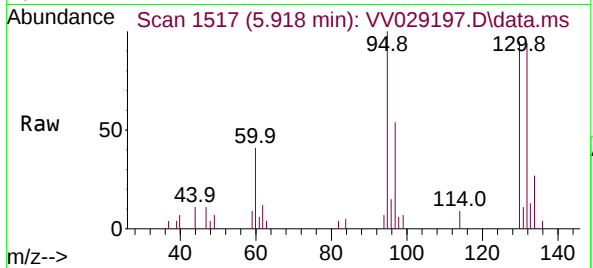


#34
Trichloroethene
Concen: 0.286 ug/L
RT: 5.918 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV029197.D
Acq: 20 Nov 2022 02:09

Instrument :
MSVOA_V
ClientSampleId :
H46E2DL

Tgt Ion: 95 Resp: 6225

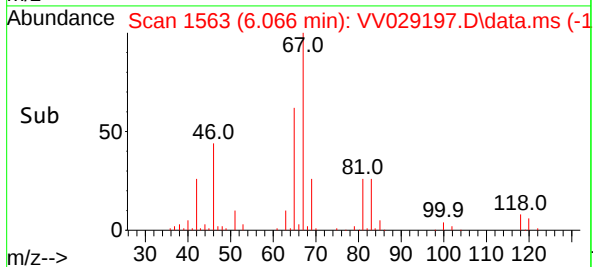
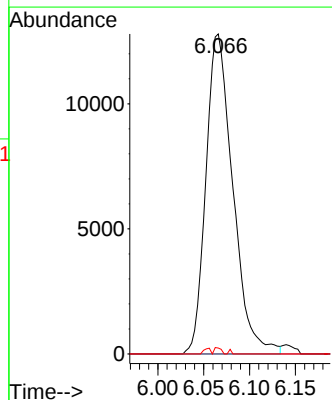
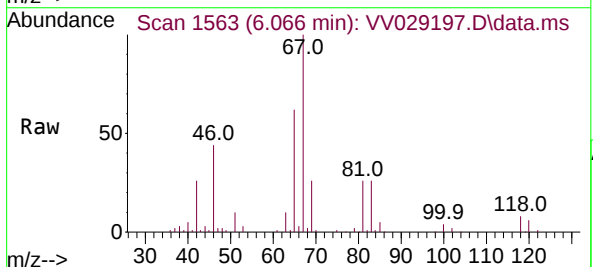
Ion	Ratio	Lower	Upper
95	100		
97	54.3	45.6	84.8
132	93.6	69.1	128.3
130	94.7	74.9	139.1

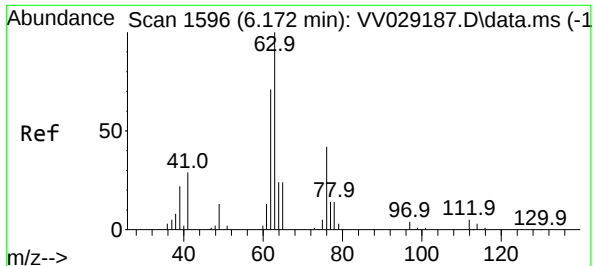


#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029197.D
Acq: 20 Nov 2022 02:09

Tgt Ion: 83 Resp: 26114

Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.8	83.6#
98	0.5	38.2	57.2#





#37

1,2-Dichloropropane

Concen: 0.548 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV029197.D

Acq: 20 Nov 2022 02:09

Instrument :

MSVOA_V

ClientSampleId :

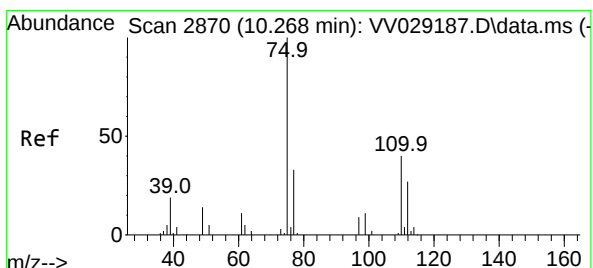
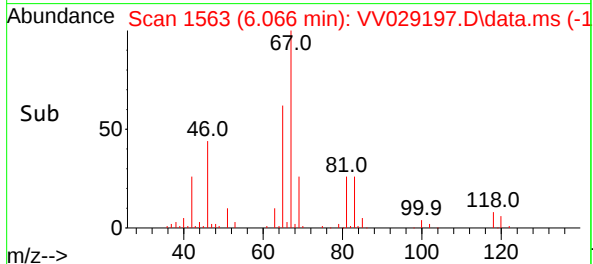
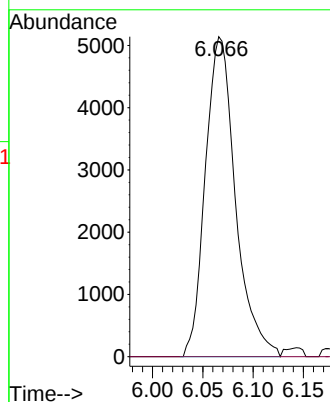
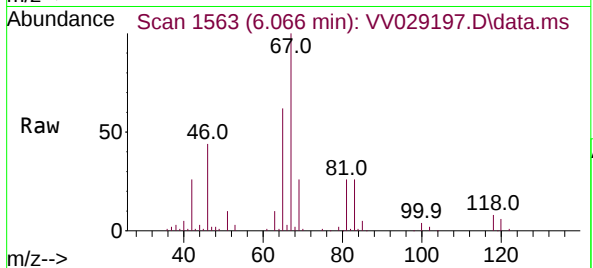
H46E2DL

Tgt Ion: 63 Resp: 10734

Ion Ratio Lower Upper

63 100

112 0.4 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 1.571 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.971 min

Lab File: VV029197.D

Acq: 20 Nov 2022 02:09

Tgt Ion: 75 Resp: 13828

Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.2

110 2.0 32.6 48.8#

