

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
 Data File : VV029192.D
 Acq On : 20 Nov 2022 00:06
 Operator : SY/MD
 Sample : N5648-07DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E7DL

Quant Time: Nov 20 04:30:07 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)

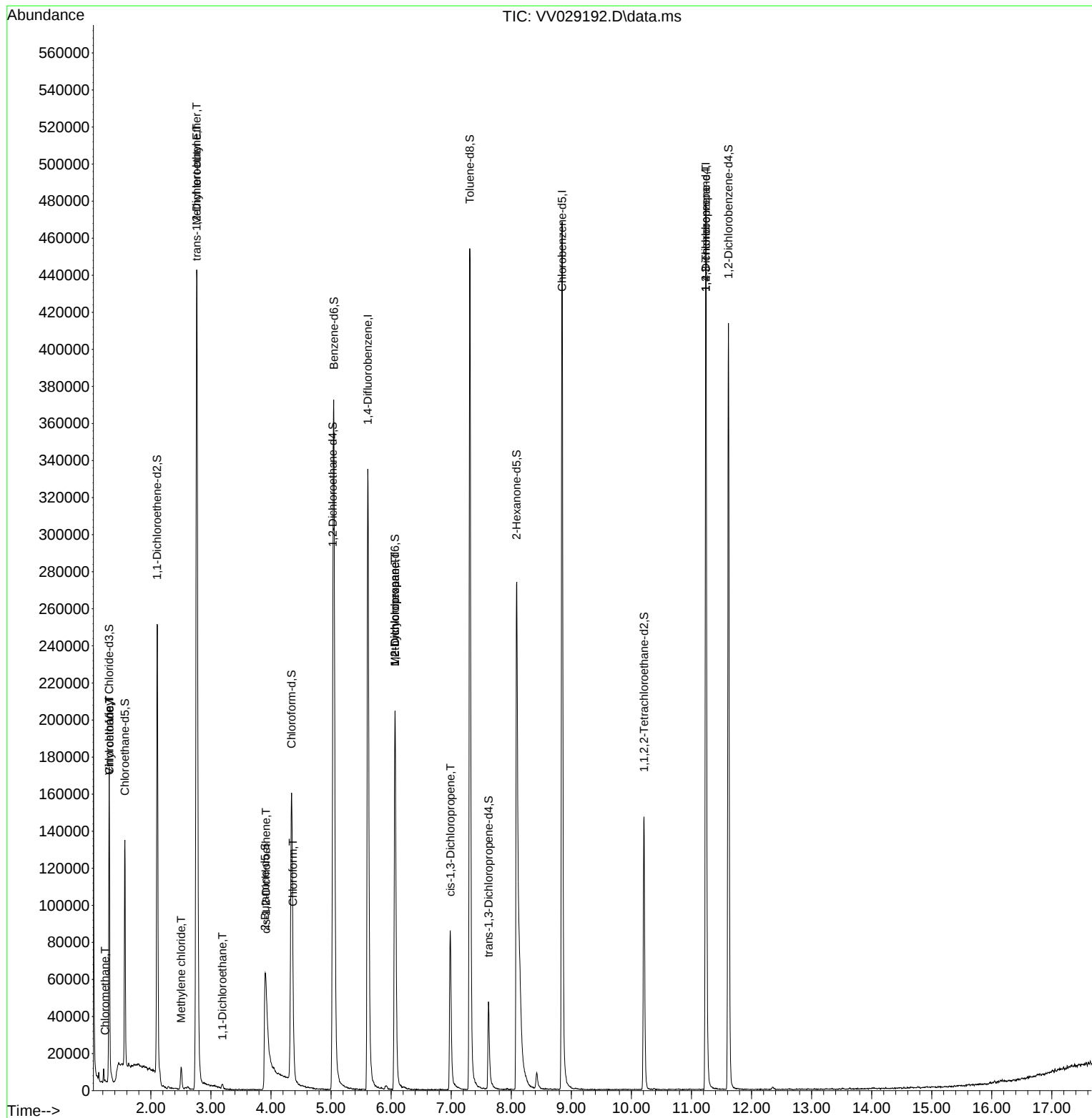
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	316047	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	288303	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	136314	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	98329	5.103	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.568	69	80201	4.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.105	63	124031	3.532	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	3.902	46	112284	34.813	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.620%
24) Chloroform-d	4.342	84	171784	4.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.030	65	80062	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.047	84	367794	4.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.066	67	108410	4.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.310	98	320495	4.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.622	79	32974	4.207	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.088	63	143677	42.949	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.900%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	77258	4.637	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	118057	4.841	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	884	0.040	ug/L #	81
5) Vinyl chloride	1.310	62	14574	0.584	ug/L #	80
8) Chloroethane	1.310	64	6232	0.425	ug/L	89
16) Methylene chloride	2.506	84	5405	0.218	ug/L	92
17) Methyl tert-butyl Ether	2.764	73	480549	11.715	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	1079	0.049	ug/L	93
19) 1,1-Dichloroethane	3.191	63	2501	0.069	ug/L #	58
22) cis-1,2-Dichloroethene	3.915	96	715	0.032	ug/L #	48
25) Chloroform	4.365	83	3136	0.082	ug/L #	70
35) Methylcyclohexane	6.066	83	26122	0.659	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11358	0.559	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	2251	0.079	ug/L #	70
61) 1,2,3-Trichloropropane	11.239	75	13997	1.503	ug/L #	64

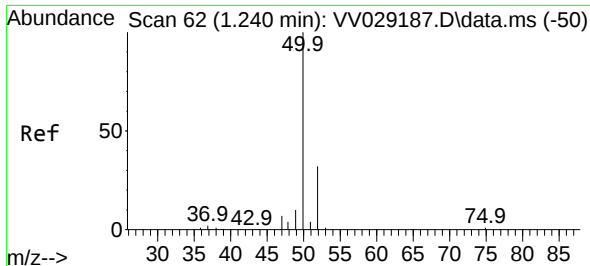
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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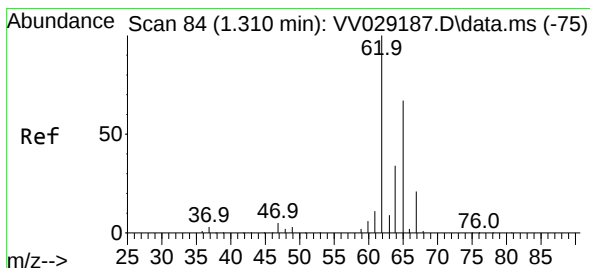
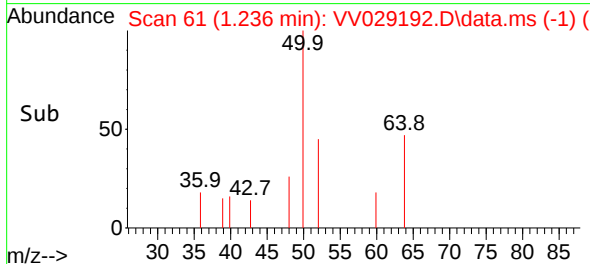
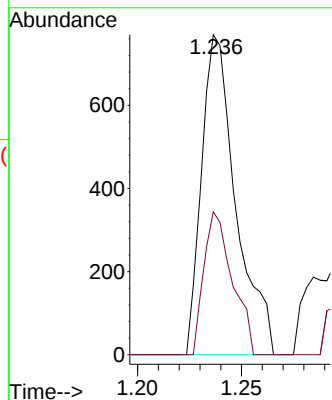
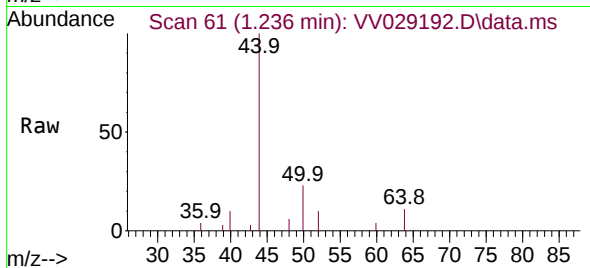




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV029192.D
Acq: 20 Nov 2022 00:06

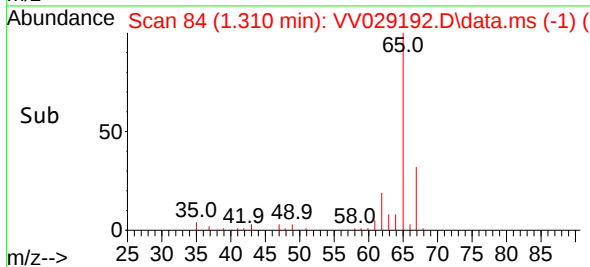
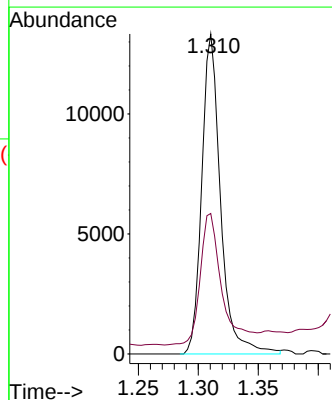
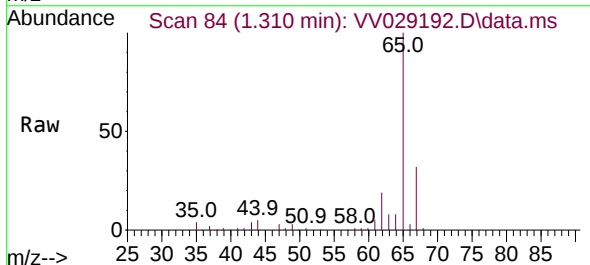
Instrument :
MSVOA_V
ClientSampleId :
H46E7DL

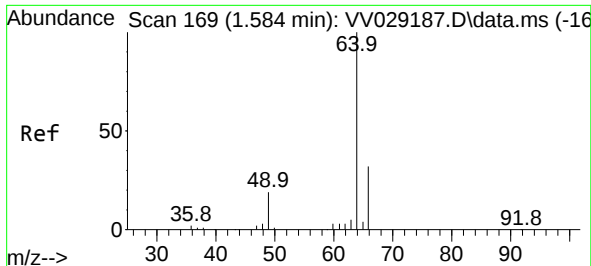
Tgt Ion: 50 Resp: 884
Ion Ratio Lower Upper
50 100
52 44.7 23.7 43.9#



#5
Vinyl chloride
Concen: 0.584 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029192.D
Acq: 20 Nov 2022 00:06

Tgt Ion: 62 Resp: 14574
Ion Ratio Lower Upper
62 100
64 43.9 22.8 42.4#

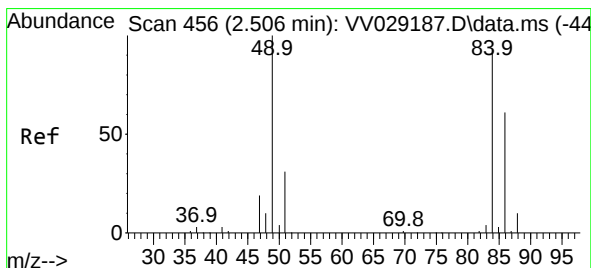
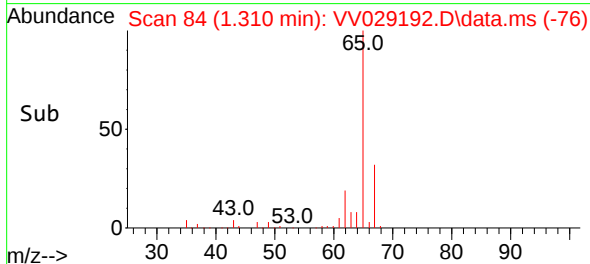
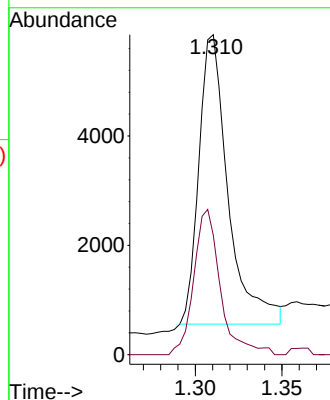
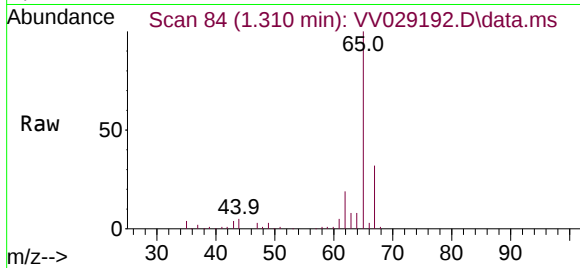




#8
Chloroethane
Concen: 0.425 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV029192.D
Acq: 20 Nov 2022 00:06

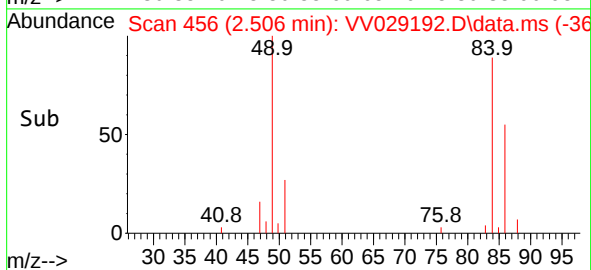
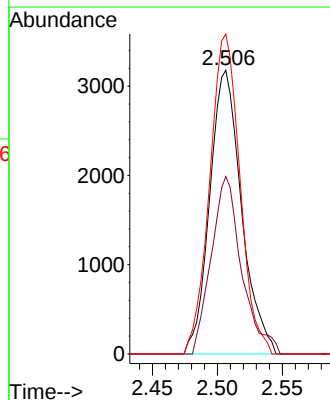
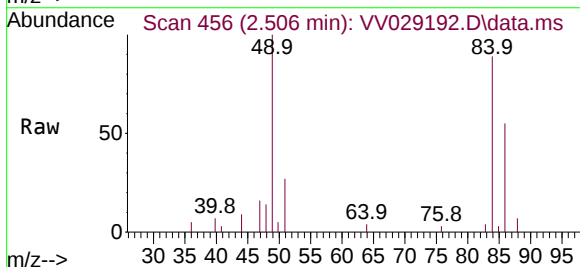
Instrument :
MSVOA_V
ClientSampleId :
H46E7DL

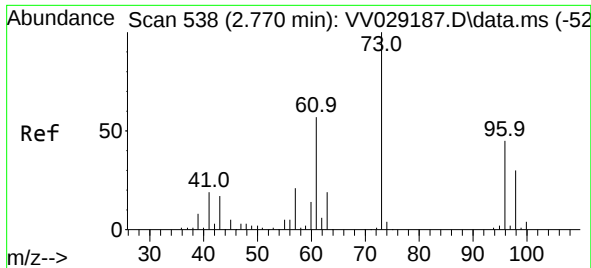
Tgt Ion: 64 Resp: 6232
Ion Ratio Lower Upper
64 100
66 37.3 22.0 40.8



#16
Methylene chloride
Concen: 0.218 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV029192.D
Acq: 20 Nov 2022 00:06

Tgt Ion: 84 Resp: 5405
Ion Ratio Lower Upper
84 100
86 62.5 45.8 85.0
49 118.3 75.5 140.1

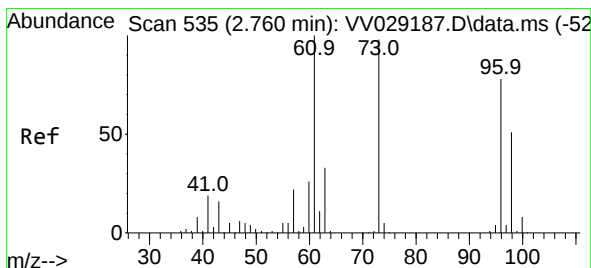
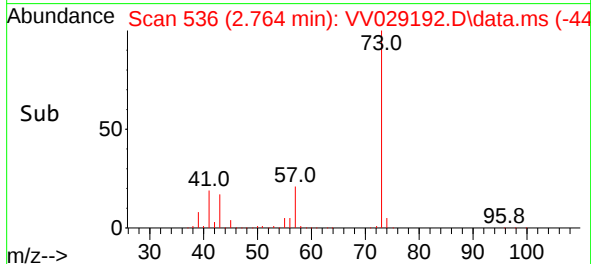
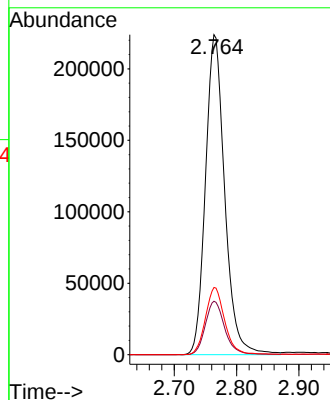
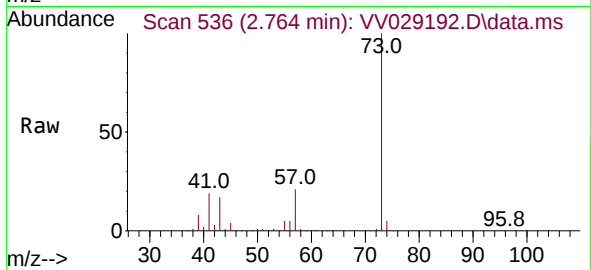




#17
Methyl tert-butyl Ether
Concen: 11.715 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV029192.D
Acq: 20 Nov 2022 00:06

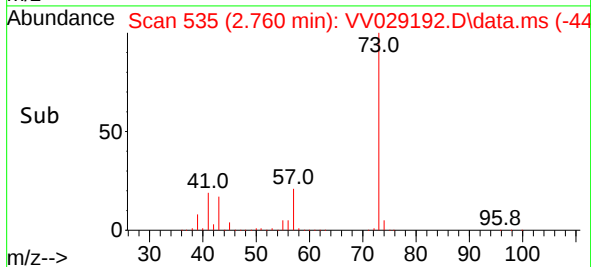
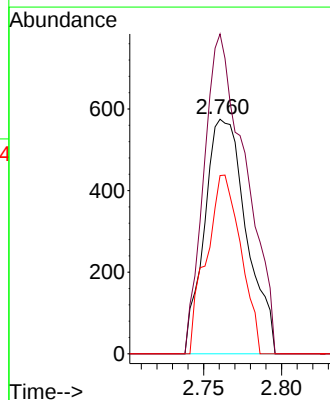
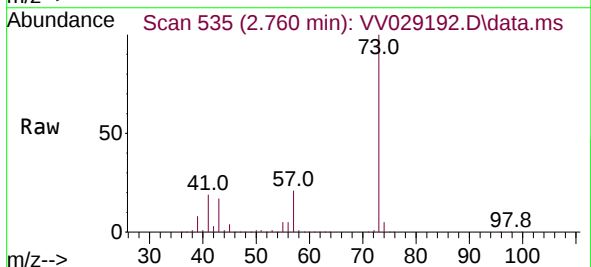
Instrument :
MSVOA_V
ClientSampleId :
H46E7DL

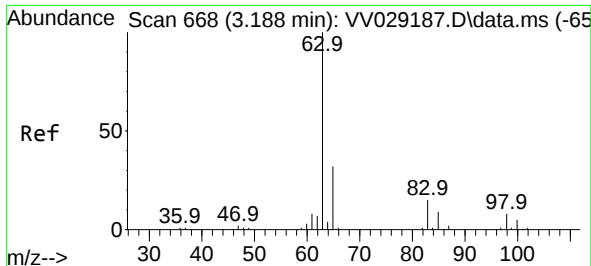
Tgt Ion: 73 Resp: 480549
Ion Ratio Lower Upper
73 100
43 16.9 13.0 19.4
57 21.1 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 0.049 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV029192.D
Acq: 20 Nov 2022 00:06

Tgt Ion: 96 Resp: 1079
Ion Ratio Lower Upper
96 100
61 136.3 91.8 170.6
98 76.0 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.069 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV029192.D

Acq: 20 Nov 2022 00:06

Instrument :

MSVOA_V

ClientSampleId :

H46E7DL

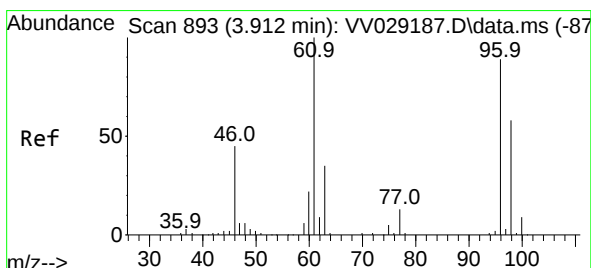
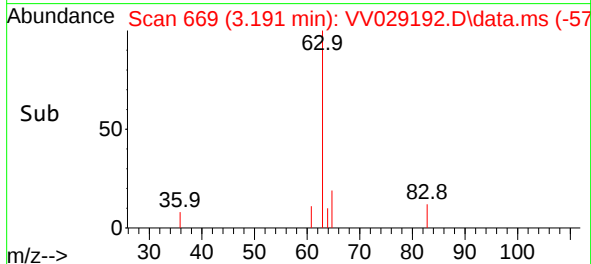
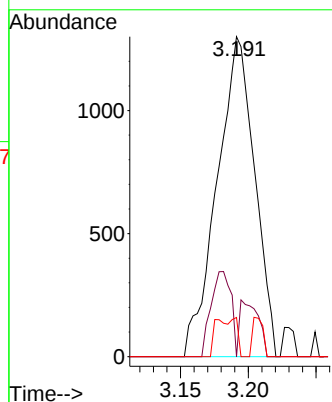
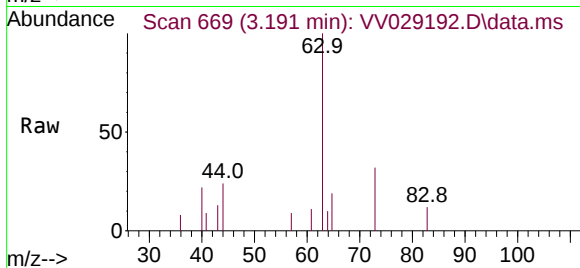
Tgt Ion: 63 Resp: 2501

Ion Ratio Lower Upper

63 100

65 0.0 23.0 42.6#

83 12.2 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 0.032 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.003 min

Lab File: VV029192.D

Acq: 20 Nov 2022 00:06

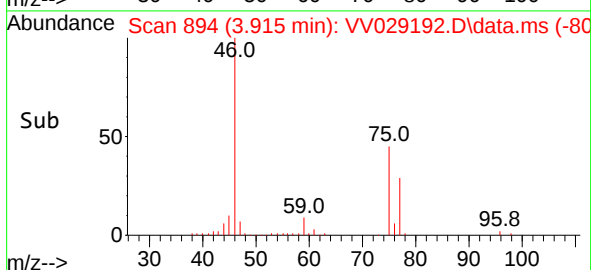
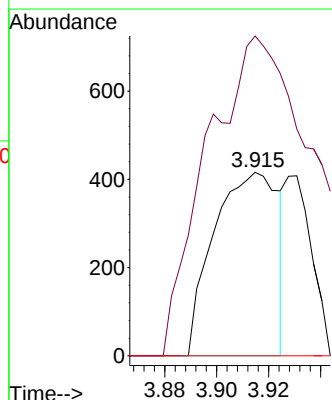
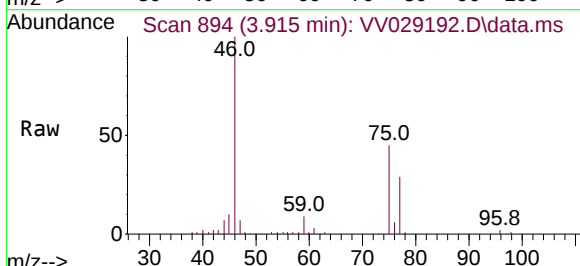
Tgt Ion: 96 Resp: 715

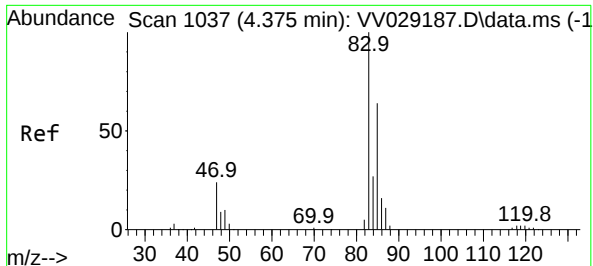
Ion Ratio Lower Upper

96 100

61 174.3 82.3 152.9#

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.082 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.010 min

Lab File: VV029192.D

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ClientSampleId :

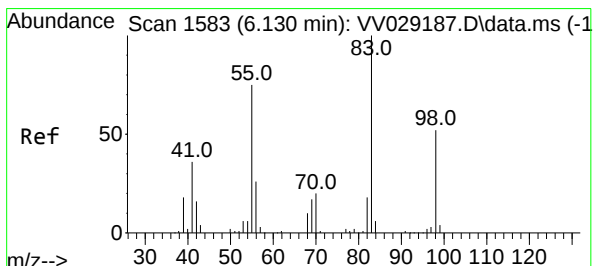
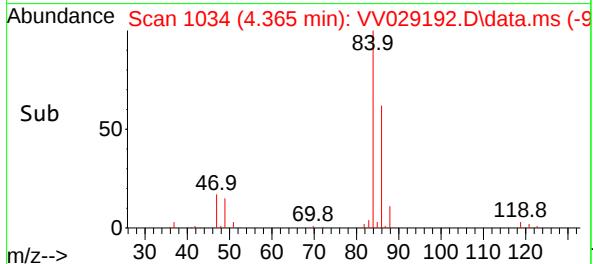
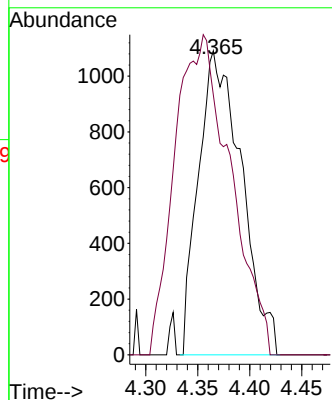
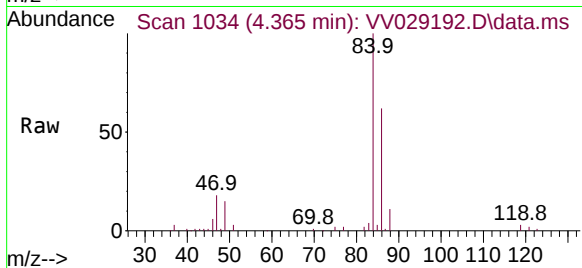
H46E7DL

Tgt Ion: 83 Resp: 3136

Ion Ratio Lower Upper

83 100

85 85.5 43.7 81.1#



#35

Methylcyclohexane

Concen: 0.659 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV029192.D

Acq: 20 Nov 2022 00:06

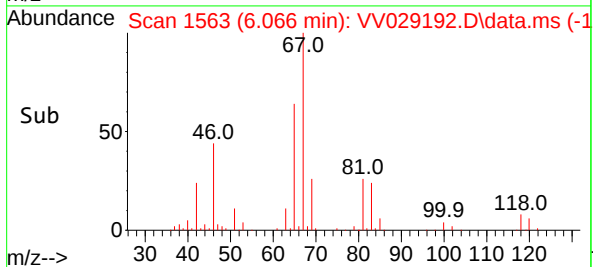
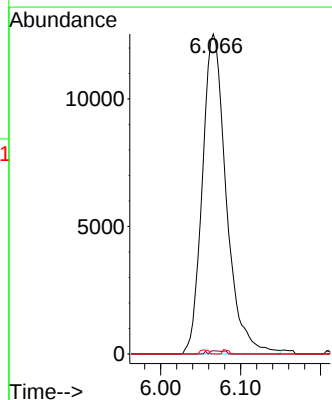
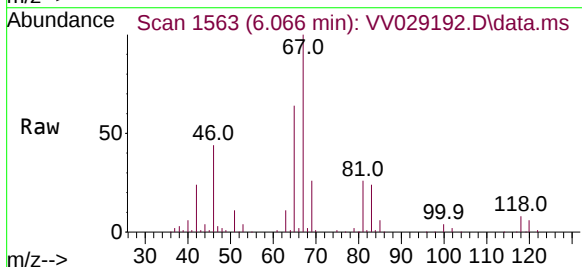
Tgt Ion: 83 Resp: 26122

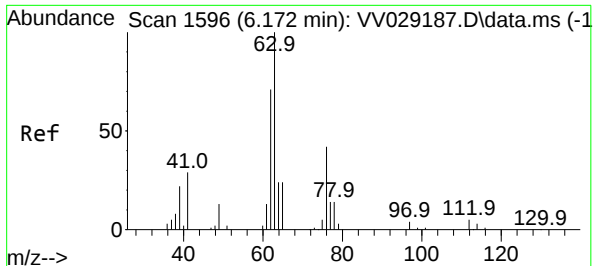
Ion Ratio Lower Upper

83 100

55 0.7 55.8 83.6#

98 0.3 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.559 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV029192.D

Acq: 20 Nov 2022 00:06

Instrument :

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ClientSampleId :

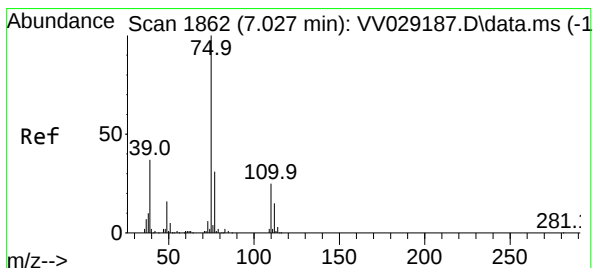
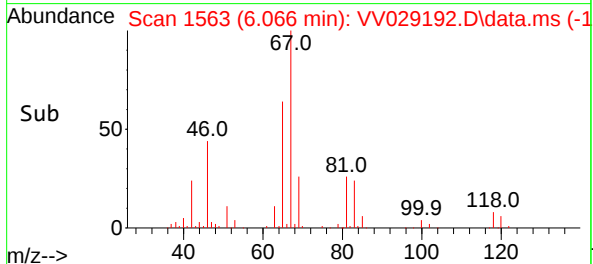
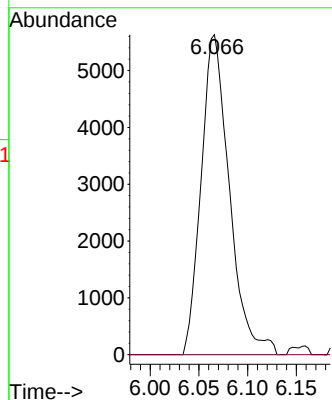
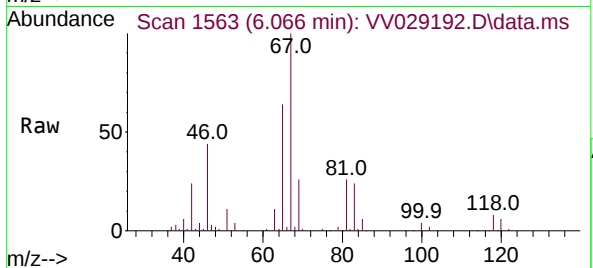
H46E7DL

Tgt Ion: 63 Resp: 11358

Ion Ratio Lower Upper

63 100

112 0.2 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV029192.D

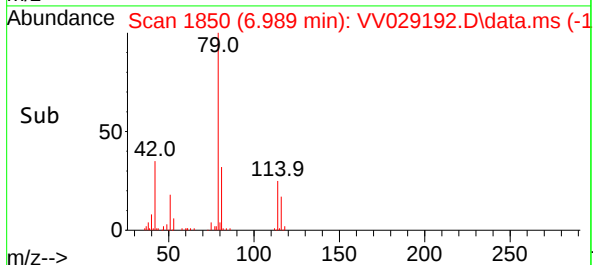
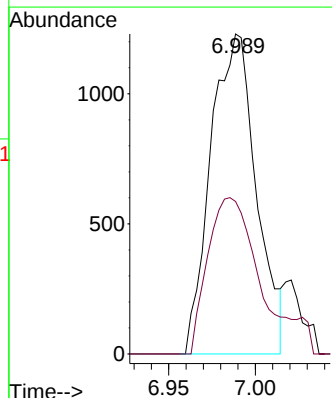
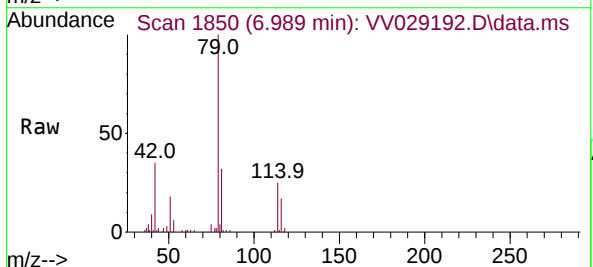
Acq: 20 Nov 2022 00:06

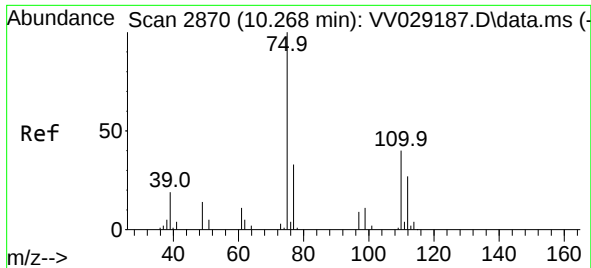
Tgt Ion: 75 Resp: 2251

Ion Ratio Lower Upper

75 100

77 47.6 21.8 40.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.503 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV029192.D
 Acq: 20 Nov 2022 00:06

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E7DL

Tgt Ion: 75 Resp: 13997
 Ion Ratio Lower Upper
 75 100
 77 30.5 26.2 39.2
 110 2.3 32.6 48.8#

