

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029196.D
 Acq On : 20 Nov 2022 01:44
 Operator : SY/MD
 Sample : N5648-14DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E1DL

Quant Time: Nov 20 04:31:01 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)

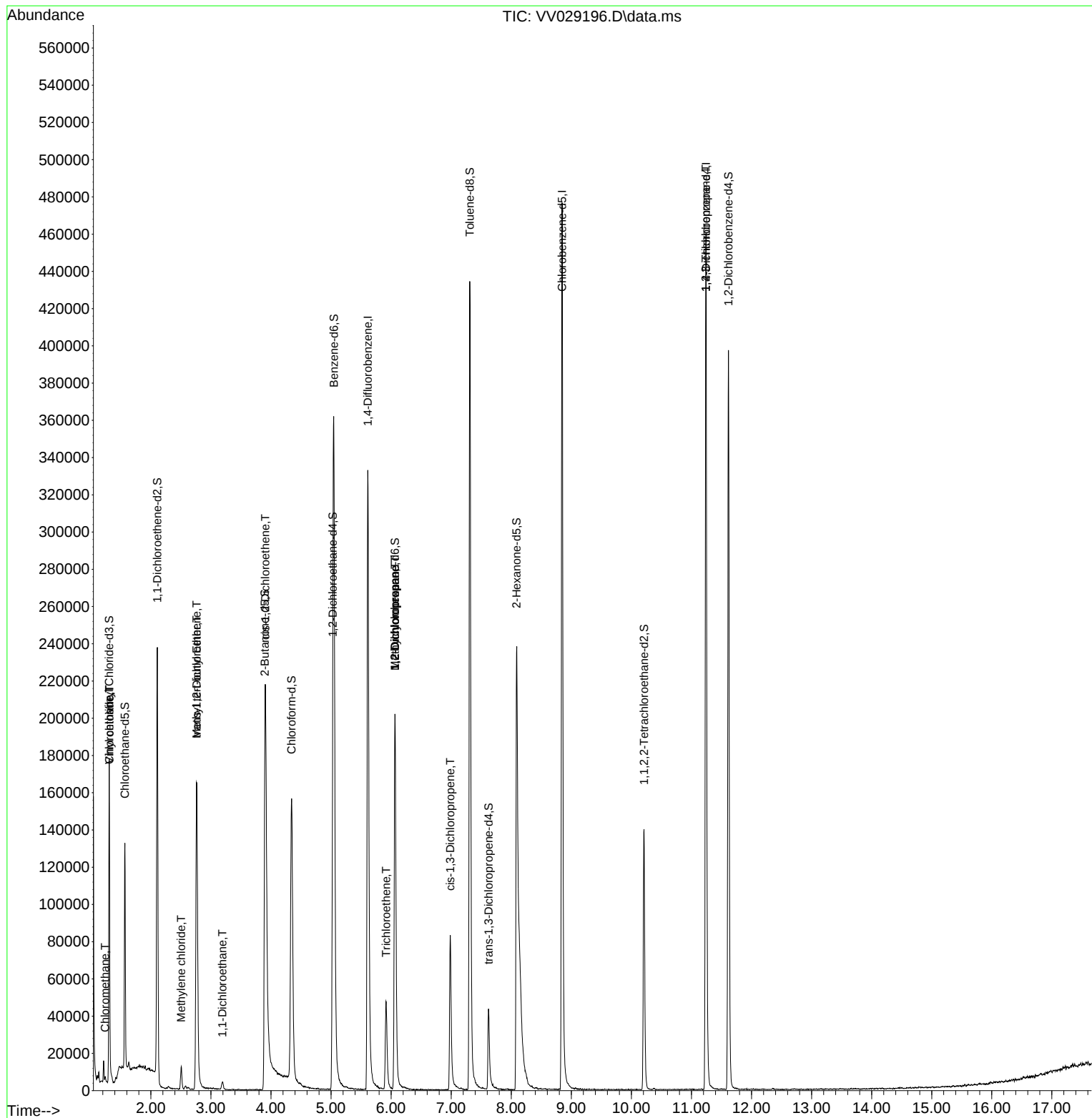
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	315594	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	288063	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	134771	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	94105	4.891	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.568	69	77878	4.604	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.108	63	121475	3.465	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	3.899	46	101579	31.539	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.080%
24) Chloroform-d	4.343	84	168341	4.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.027	65	76582	4.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.047	84	362504	4.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.063	67	105825	4.408	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.310	98	313536	4.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	7.622	79	30800	3.933	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.088	63	138945	41.569	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.140%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	74534	4.477	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.616	152	113148	4.693	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2133	0.098	ug/L	89
5) Vinyl chloride	1.311	62	14768	0.593	ug/L #	80
8) Chloroethane	1.311	64	6151	0.420	ug/L	93
16) Methylene chloride	2.507	84	4932	0.200	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	126228	3.082	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	21806	0.984	ug/L	97
19) 1,1-Dichloroethane	3.192	63	4695	0.130	ug/L	92
22) cis-1,2-Dichloroethene	3.905	96	101562	4.509	ug/L	100
34) Trichloroethene	5.915	95	18440	0.818	ug/L	97
35) Methylcyclohexane	6.066	83	25701	0.649	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	10857	0.535	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	2127	0.075	ug/L #	53
61) 1,2,3-Trichloropropane	11.239	75	14571	1.582	ug/L #	65

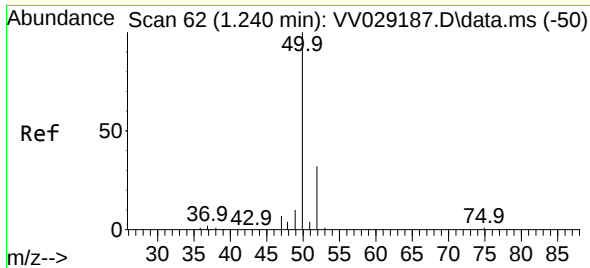
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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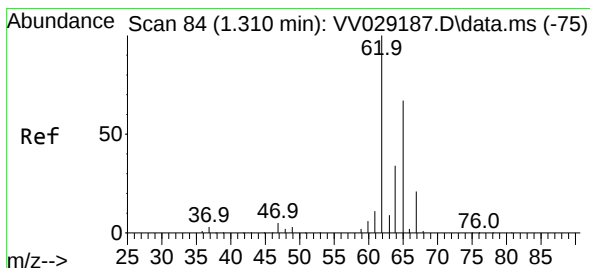
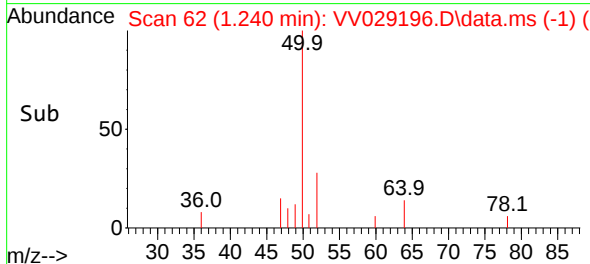
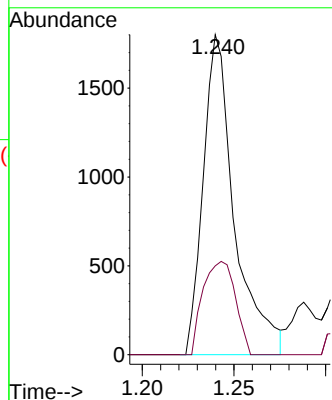
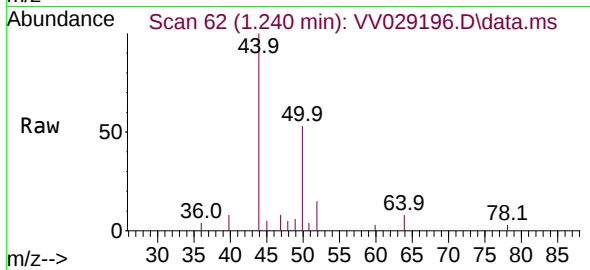




#3
Chloromethane
Concen: 0.098 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029196.D
Acq: 20 Nov 2022 01:44

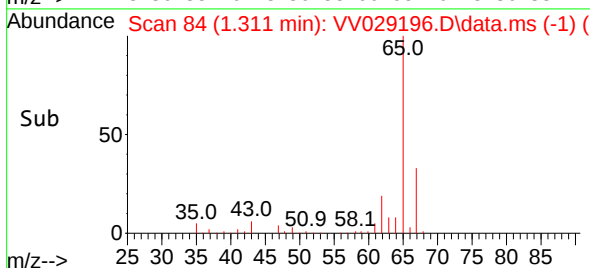
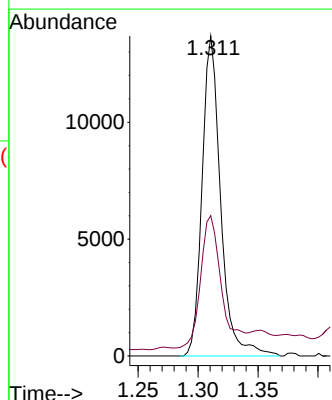
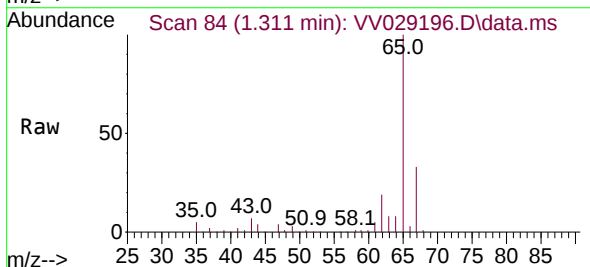
Instrument :
MSVOA_V
ClientSampleId :
H46E1DL

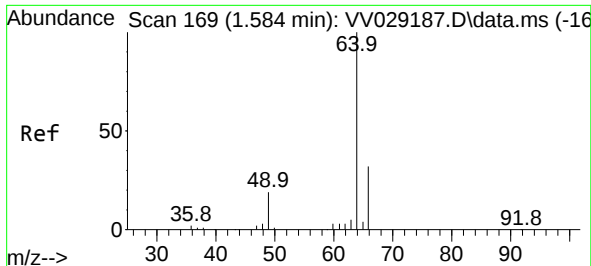
Tgt Ion: 50 Resp: 2133
Ion Ratio Lower Upper
50 100
52 27.8 23.7 43.9



#5
Vinyl chloride
Concen: 0.593 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029196.D
Acq: 20 Nov 2022 01:44

Tgt Ion: 62 Resp: 14768
Ion Ratio Lower Upper
62 100
64 43.8 22.8 42.4#

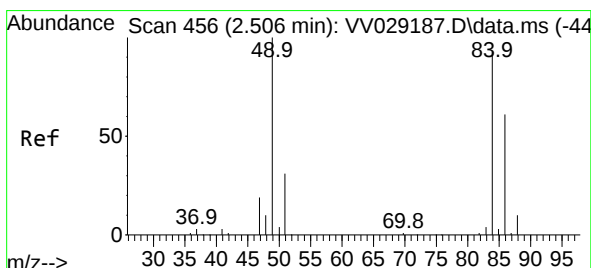
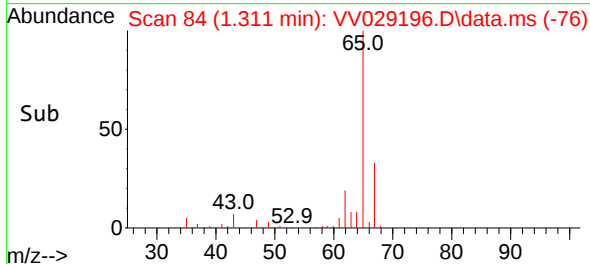
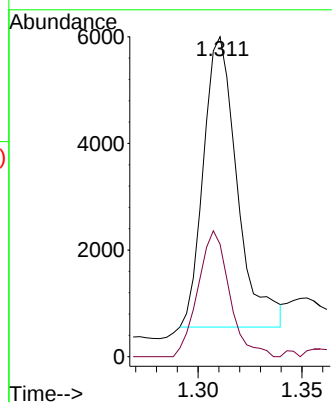
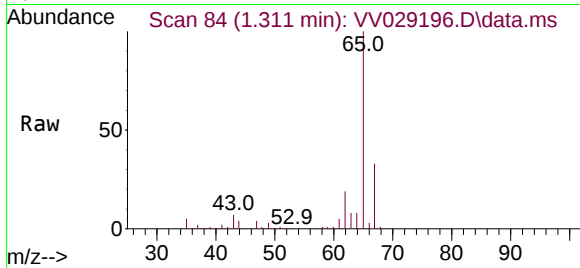




#8
Chloroethane
Concen: 0.420 ug/L
RT: 1.311 min Scan# 84
Delta R.T. -0.273 min
Lab File: VV029196.D
Acq: 20 Nov 2022 01:44

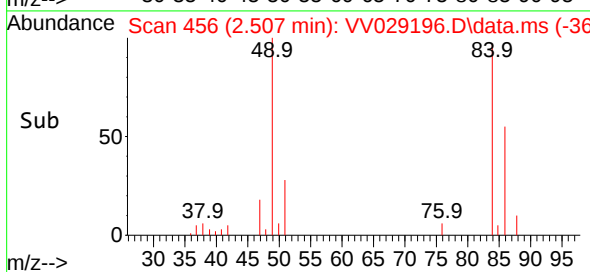
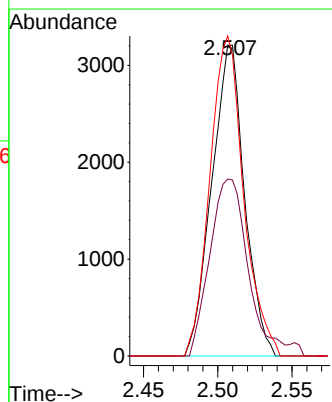
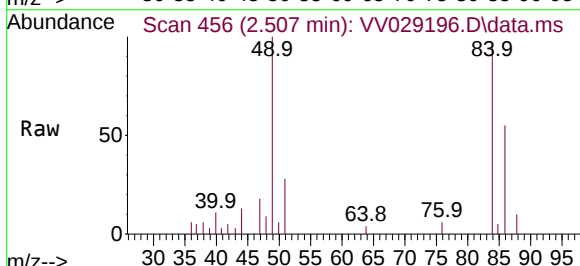
Instrument :
MSVOA_V
ClientSampleId :
H46E1DL

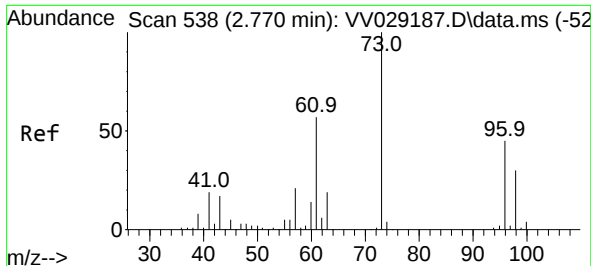
Tgt Ion: 64 Resp: 6151
Ion Ratio Lower Upper
64 100
66 35.1 22.0 40.8



#16
Methylene chloride
Concen: 0.200 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV029196.D
Acq: 20 Nov 2022 01:44

Tgt Ion: 84 Resp: 4932
Ion Ratio Lower Upper
84 100
86 56.9 45.8 85.0
49 103.0 75.5 140.1

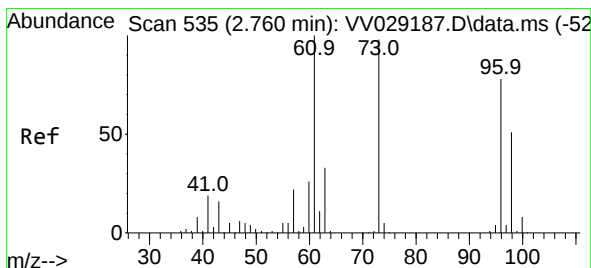
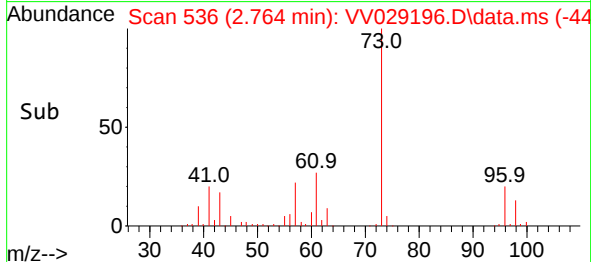
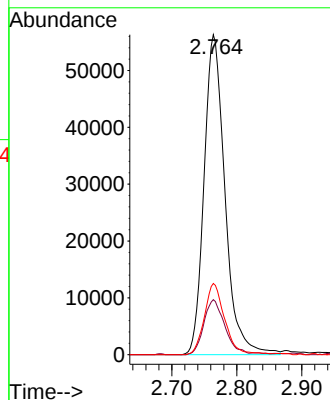
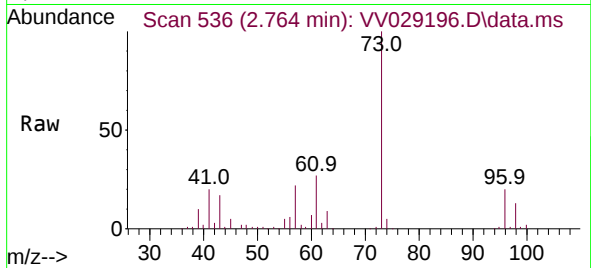




#17
Methyl tert-butyl Ether
Concen: 3.082 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV029196.D
Acq: 20 Nov 2022 01:44

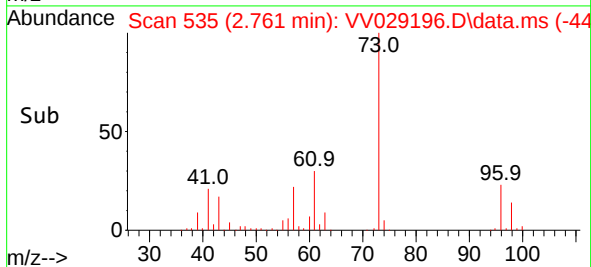
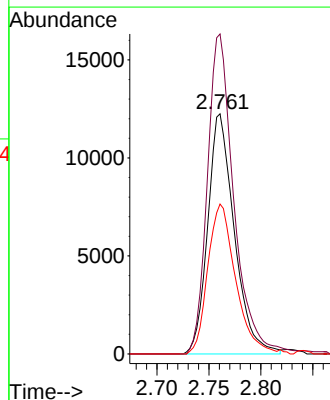
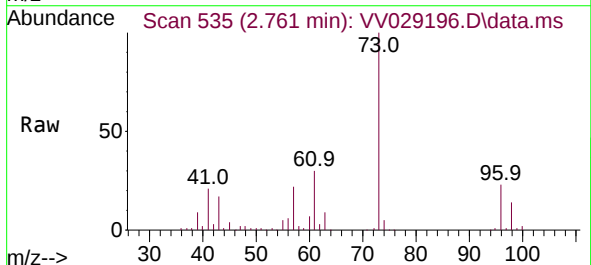
Instrument :
MSVOA_V
ClientSampleId :
H46E1DL

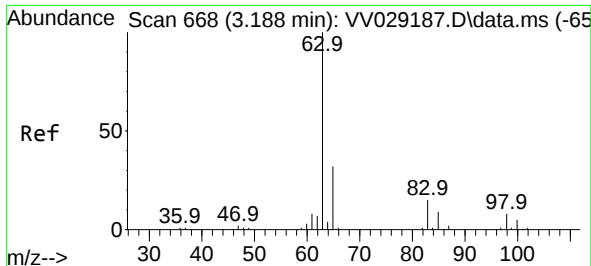
Tgt Ion: 73 Resp: 126228
Ion Ratio Lower Upper
73 100
43 17.2 13.0 19.4
57 21.6 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 0.984 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV029196.D
Acq: 20 Nov 2022 01:44

Tgt Ion: 96 Resp: 21806
Ion Ratio Lower Upper
96 100
61 133.2 91.8 170.6
98 62.5 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.130 ug/L

RT: 3.192 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029196.D

Acq: 20 Nov 2022 01:44

Instrument :

MSVOA_V

ClientSampleId :

H46E1DL

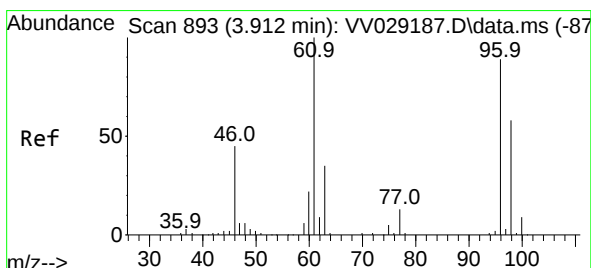
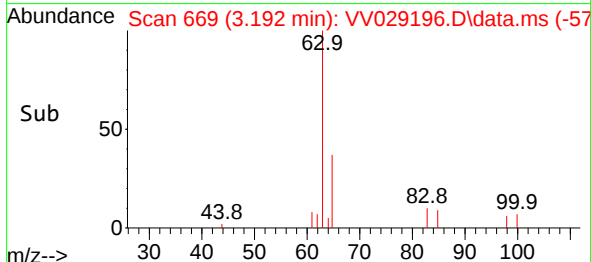
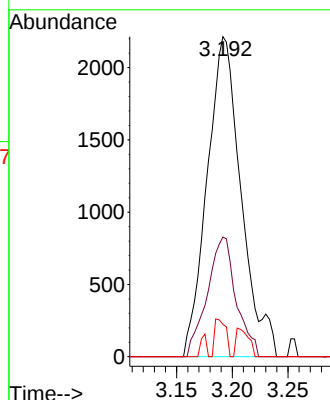
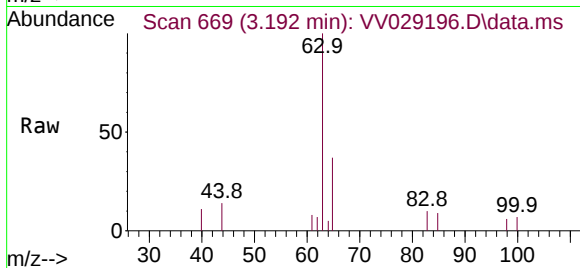
Tgt Ion: 63 Resp: 4695

Ion Ratio Lower Upper

63 100

65 37.4 23.0 42.6

83 10.1 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 4.509 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.006 min

Lab File: VV029196.D

Acq: 20 Nov 2022 01:44

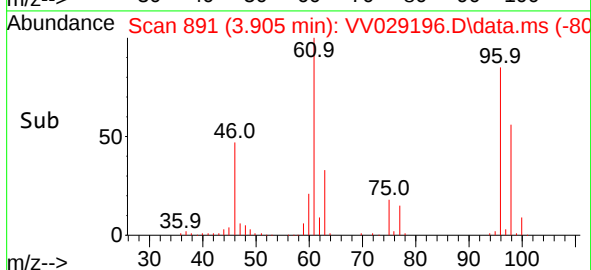
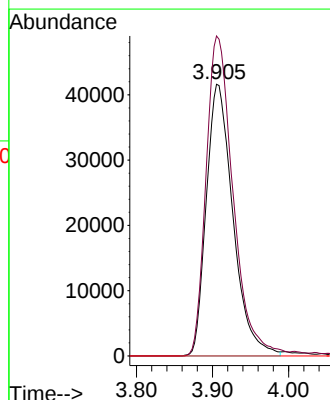
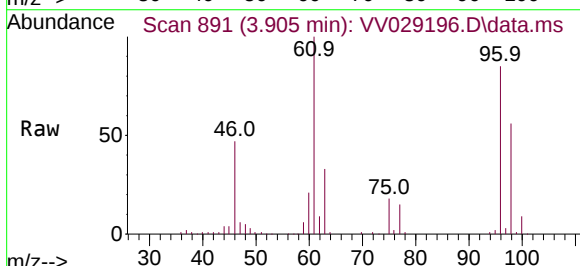
Tgt Ion: 96 Resp: 101562

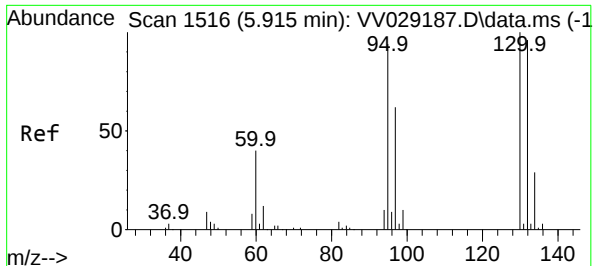
Ion Ratio Lower Upper

96 100

61 117.8 82.3 152.9

68 0.0 0.0 0.0

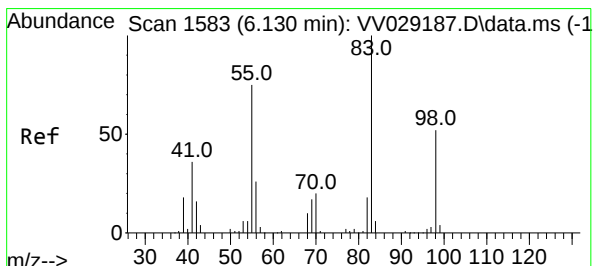
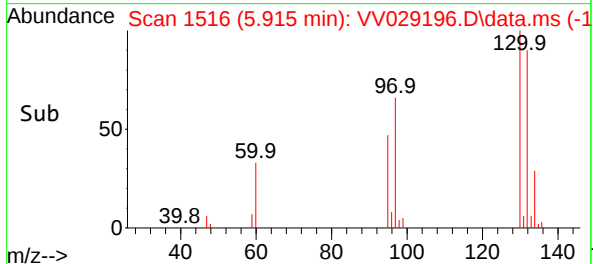
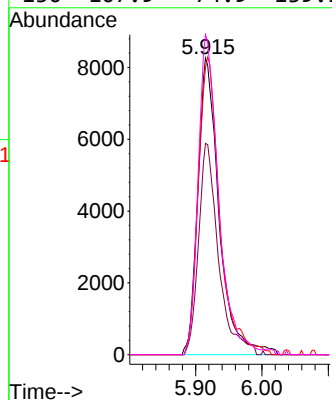
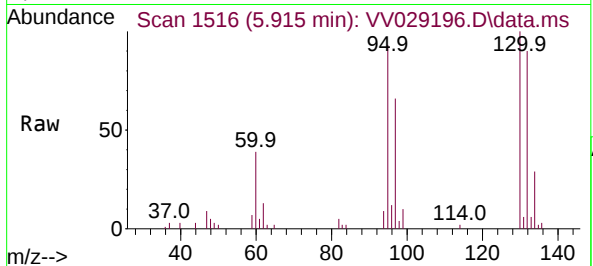




#34
Trichloroethene
Concen: 0.818 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV029196.D
Acq: 20 Nov 2022 01:44

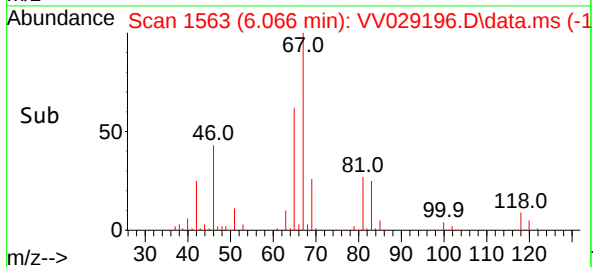
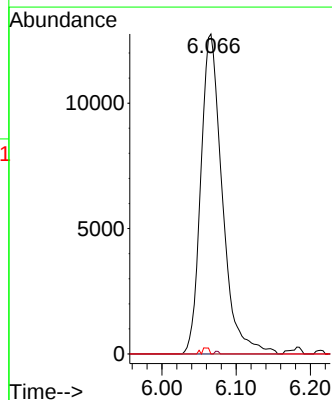
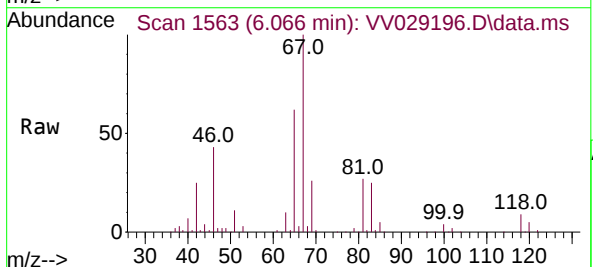
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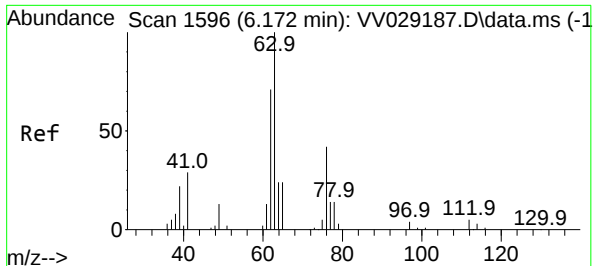
Tgt Ion: 95 Resp: 18440
Ion Ratio Lower Upper
95 100
97 71.2 45.6 84.8
132 96.8 69.1 128.3
130 107.9 74.9 139.1



#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029196.D
Acq: 20 Nov 2022 01:44

Tgt Ion: 83 Resp: 25701
Ion Ratio Lower Upper
83 100
55 0.2 55.8 83.6#
98 0.6 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.535 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV029196.D

Acq: 20 Nov 2022 01:44

Instrument :

MSVOA_V

ClientSampleId :

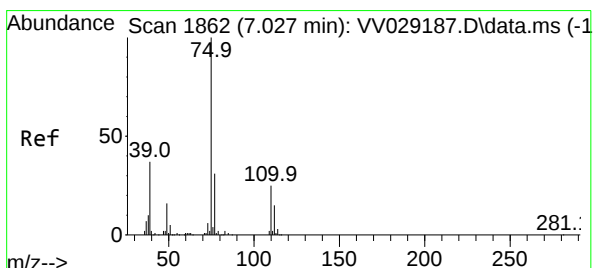
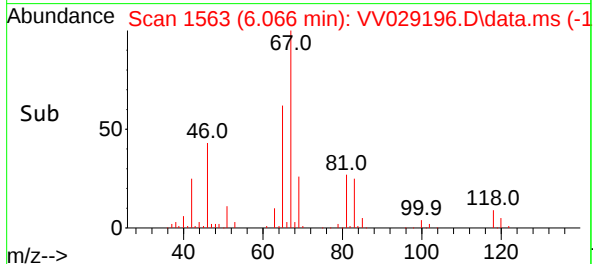
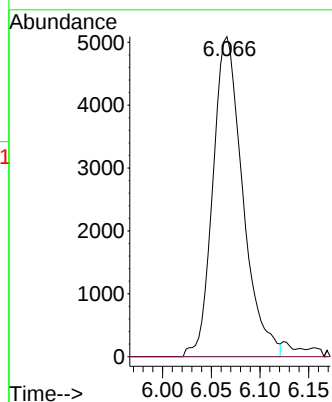
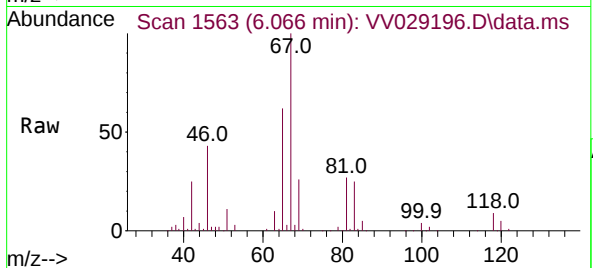
H46E1DL

Tgt Ion: 63 Resp: 10857

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV029196.D

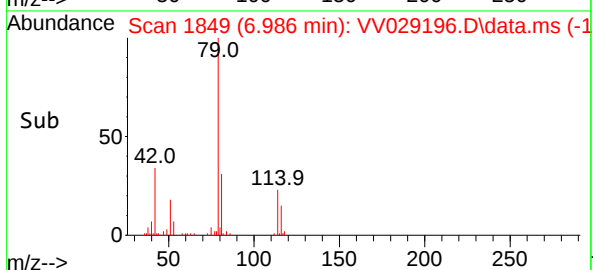
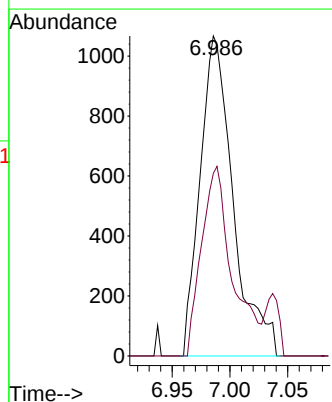
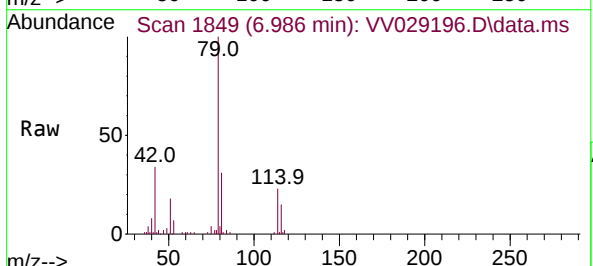
Acq: 20 Nov 2022 01:44

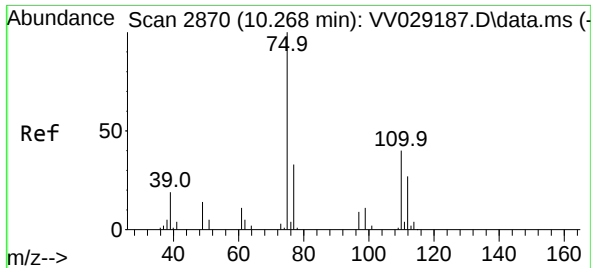
Tgt Ion: 75 Resp: 2127

Ion Ratio Lower Upper

75 100

77 57.1 21.8 40.6#





#61

1,2,3-Trichloropropane

Concen: 1.582 ug/L

RT: 11.239 min Scan# 31

Delta R.T. 0.971 min

Lab File: VV029196.D

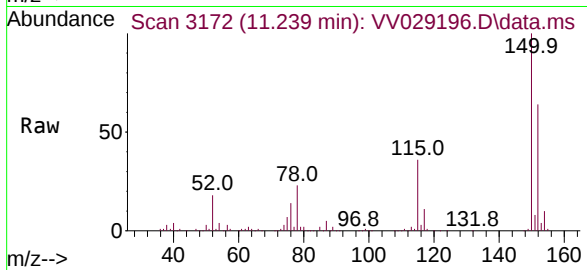
Acq: 20 Nov 2022 01:44

Instrument :

MSVOA_V

ClientSampleId :

H46E1DL



Tgt Ion: 75 Resp: 14571

Ion Ratio Lower Upper

75 100

77 34.1 26.2 39.2

110 2.5 32.6 48.8#

