

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
 Data File : VV028146.D
 Acq On : 27 Sep 2022 17:54
 Operator : SY/MD
 Sample : N4856-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H34

Quant Time: Sep 28 03:13:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 28 03:08:11 2022
 Response via : Initial Calibration

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

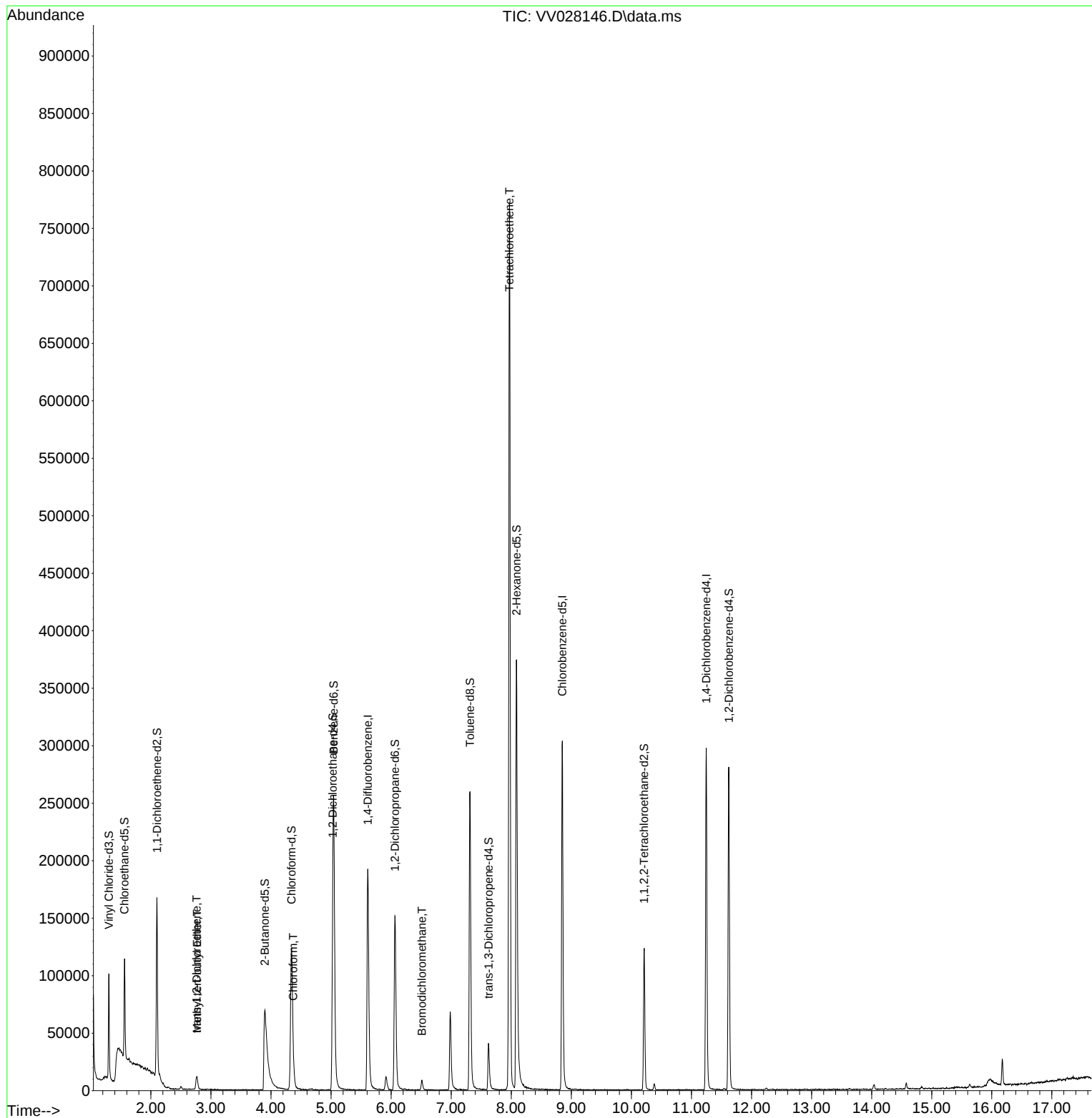
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	175788	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	176881	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84699	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	58361	3.202	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.000%
7) Chloroethane-d5	1.561	69	55106	3.803	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.101	63	78638	2.488	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.800%#
20) 2-Butanone-d5	3.899	46	172326	56.009	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.020%
24) Chloroform-d	4.342	84	129134	4.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.027	65	63927	4.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.043	84	237271	4.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.063	67	77478	4.285	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.313	98	183705	3.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	7.622	79	25819	3.953	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.088	63	144169	52.888	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.780%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	58792	4.757	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	77842	4.686	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
17) Methyl tert-butyl Ether	2.770	73	9156	0.350	ug/L	94
18) trans-1,2-Dichloroethene	2.760	96	1322	0.124	ug/L #	71
25) Chloroform	4.371	83	12157	0.488	ug/L	96
38) Bromodichloromethane	6.513	83	6049	0.356	ug/L	95
47) Tetrachloroethene	7.969	164	178895	18.330	ug/L	97

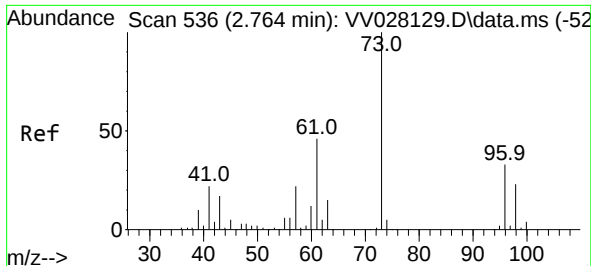
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methyl tert-butyl Ether

Concen: 0.350 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV028146.D

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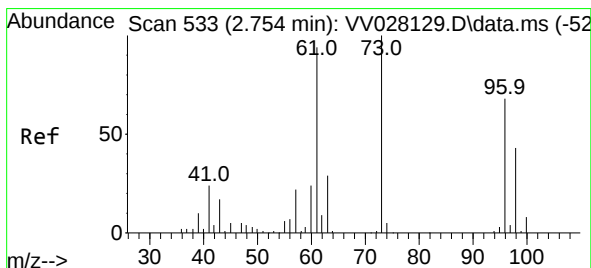
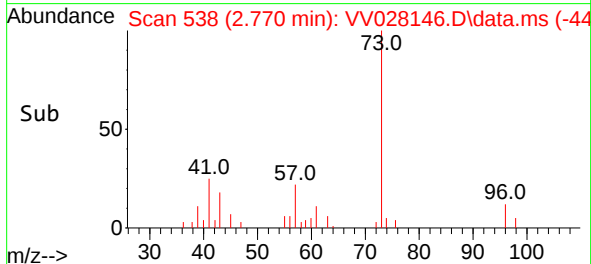
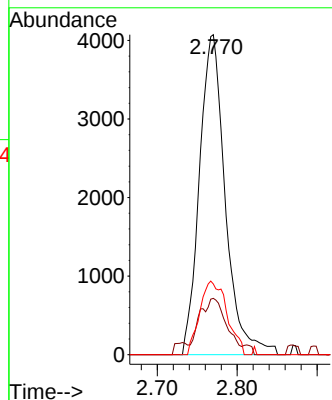
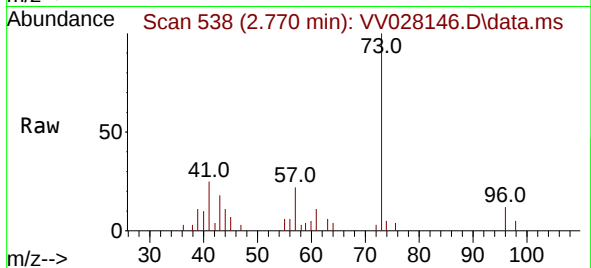
Tgt Ion: 73 Resp: 9156

Ion Ratio Lower Upper

73 100

43 15.7 15.7 23.5

57 24.2 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 0.124 ug/L

RT: 2.760 min Scan# 535

Delta R.T. 0.006 min

Lab File: VV028146.D

Acq: 27 Sep 2022 17:54

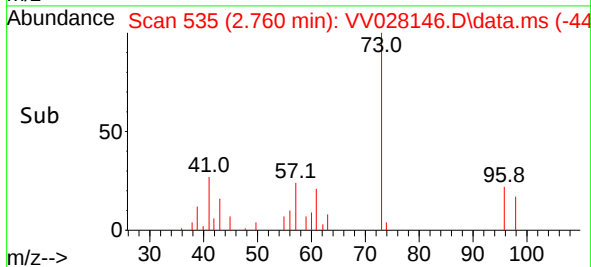
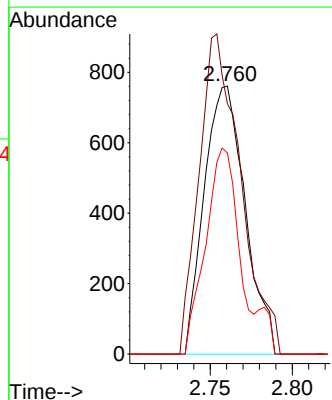
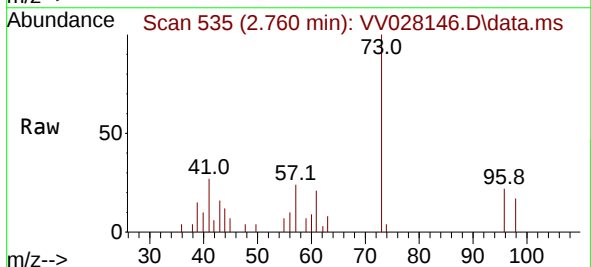
Tgt Ion: 96 Resp: 1322

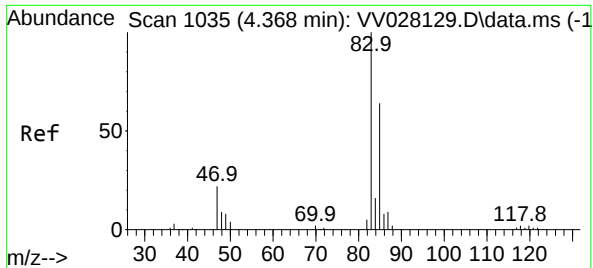
Ion Ratio Lower Upper

96 100

61 93.4 96.2 178.6#

98 75.0 45.7 84.9

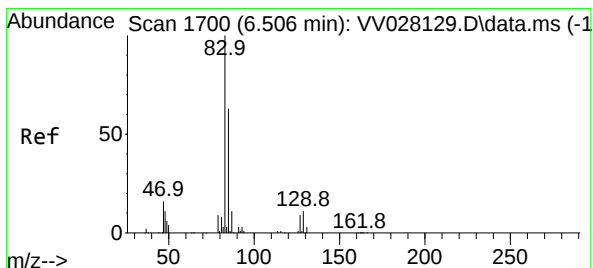
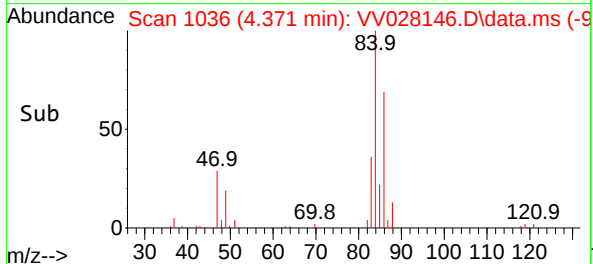
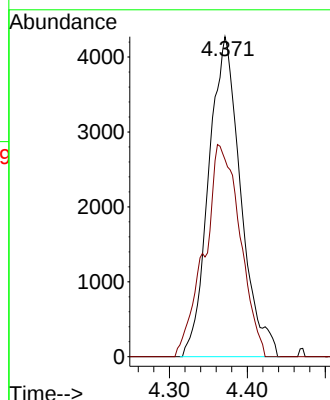
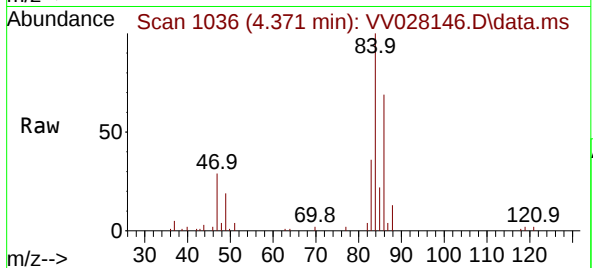




#25
Chloroform
Concen: 0.488 ug/L
RT: 4.371 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VV028146.D
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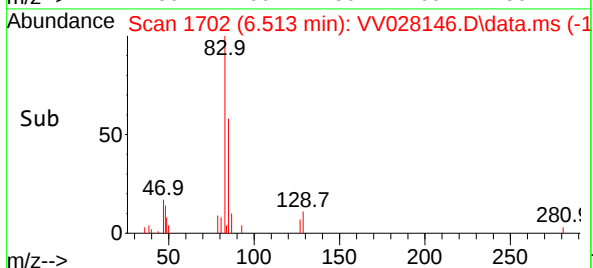
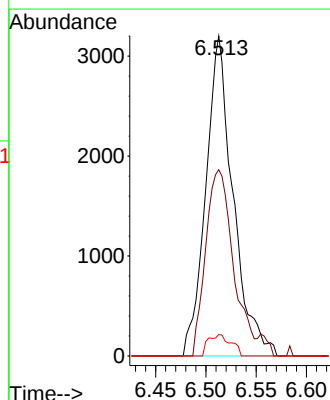
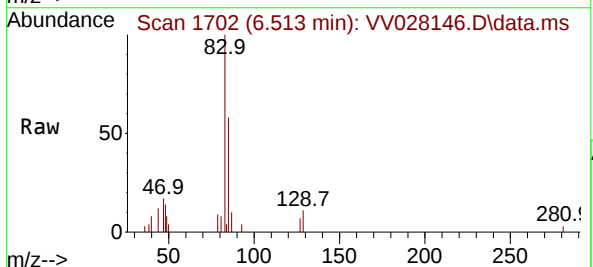
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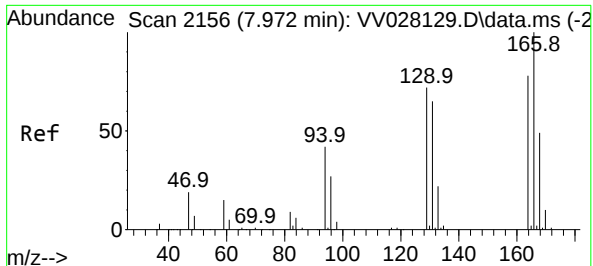
Tgt Ion: 83 Resp: 12157
Ion Ratio Lower Upper
83 100
85 61.6 45.1 83.7



#38
Bromodichloromethane
Concen: 0.356 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VV028146.D
Acq: 27 Sep 2022 17:54

Tgt Ion: 83 Resp: 6049
Ion Ratio Lower Upper
83 100
85 58.2 43.8 81.4
127 6.7 6.3 9.5





#47
 Tetrachloroethene
 Concen: 18.330 ug/L
 RT: 7.969 min Scan# 2155
 Delta R.T. -0.003 min
 Lab File: VV028146.D
 Acq: 27 Sep 2022 17:54

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H34

Tgt Ion:164 Resp: 178895

Ion	Ratio	Lower	Upper
164	100		
129	91.8	66.7	123.9
131	88.5	61.7	114.5
166	126.1	90.9	168.9

