

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102022\
 Data File : VW028636.D
 Acq On : 20 Oct 2022 15:42
 Operator : SY/MD
 Sample : N5173-02DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXS7DL

Quant Time: Oct 21 01:11:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 00:53:32 2022
 Response via : Initial Calibration

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

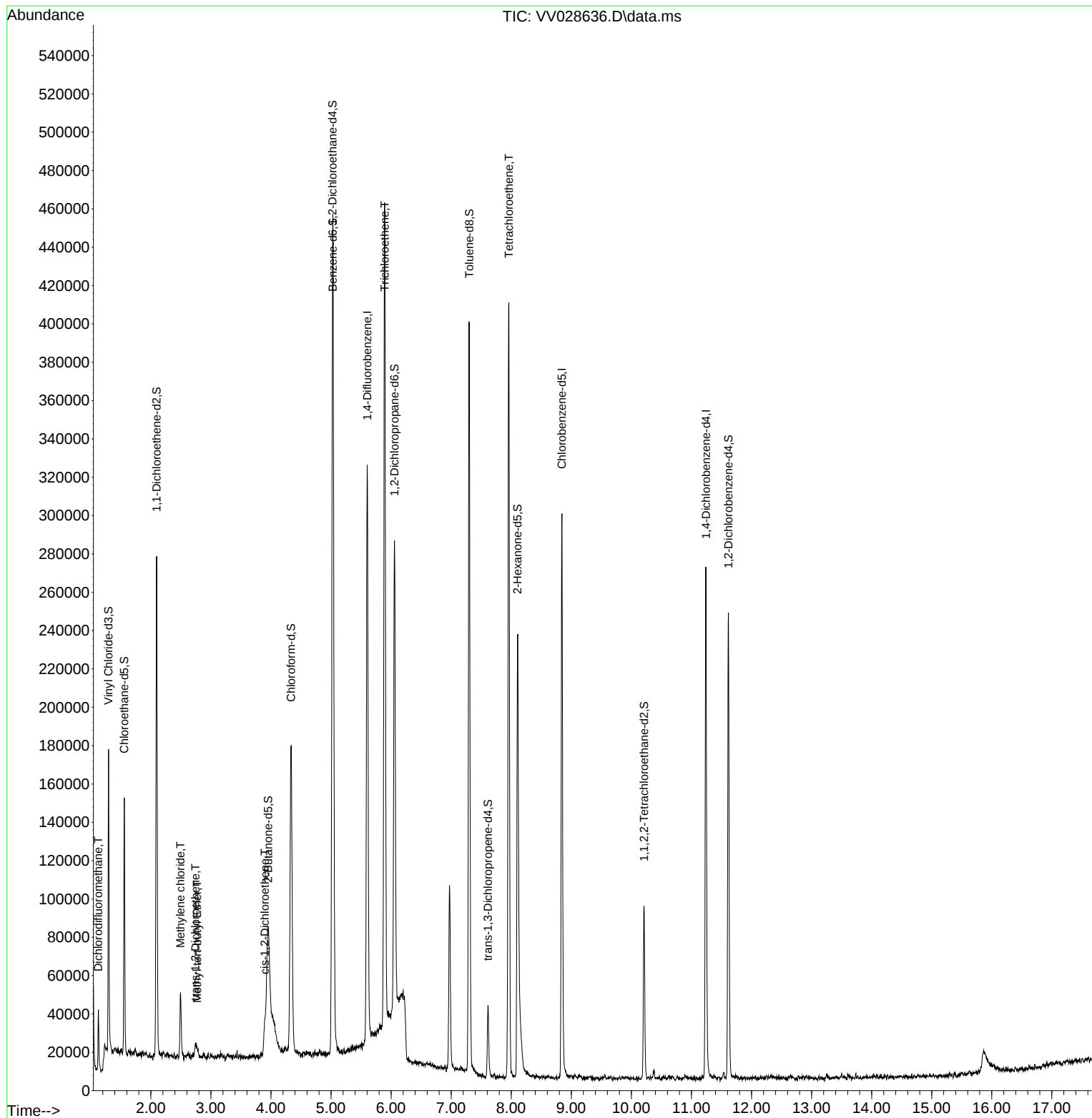
Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	222531	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	144694	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	62110	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	105466	4.787	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.558	69	83530	4.823	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.095	63	143800	3.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	3.953	46	205593	49.580	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.160%
24) Chloroform-d	4.333	84	155902	4.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.024	65	82653	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.031	84	336129	5.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
36) 1,2-Dichloropropane-d6	6.056	67	110355	5.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.800%
41) Toluene-d8	7.301	98	240333	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
43) trans-1,3-Dichloroprop...	7.612	79	19022	3.969	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.104	63	84884	42.660	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.320%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	42314	4.538	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	56414	5.053	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	9113	0.843	ug/L	98
16) Methylene chloride	2.494	84	11442	0.553	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	5630	0.143	ug/L	98
18) trans-1,2-Dichloroethene	2.744	96	2528	0.162	ug/L	88
22) cis-1,2-Dichloroethene	3.896	96	8688	0.483	ug/L #	96
34) Trichloroethene	5.892	95	144979	9.254	ug/L	99
47) Tetrachloroethene	7.960	164	79583	9.407	ug/L	98

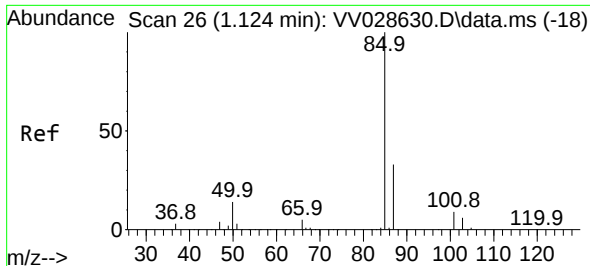
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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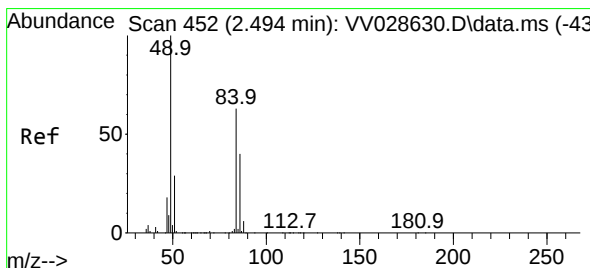
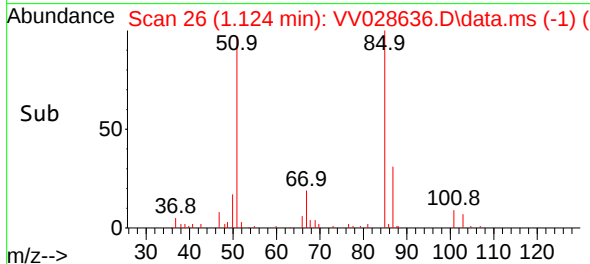
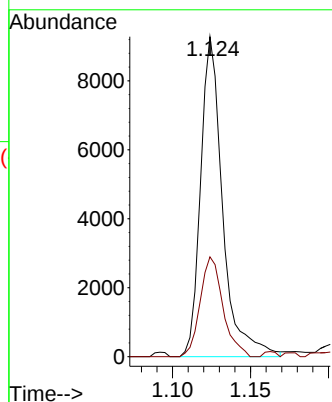
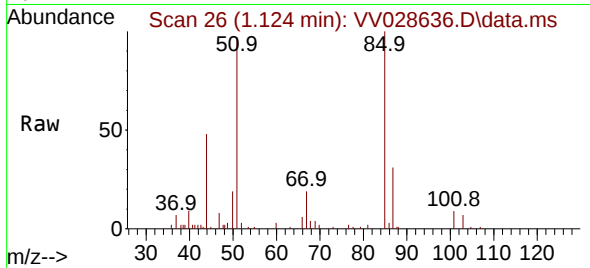




#2
 Dichlorodifluoromethane
 Concen: 0.843 ug/L
 RT: 1.124 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV028636.D
 Acq: 20 Oct 2022 15:42

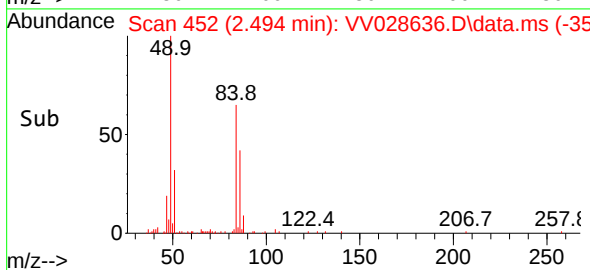
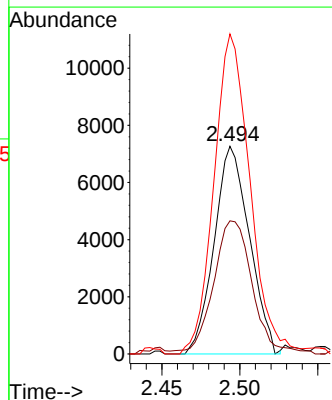
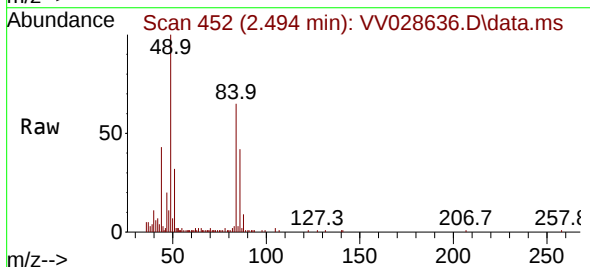
Instrument :
 MSVOA_V
 ClientSampleId :
 BFXS7DL

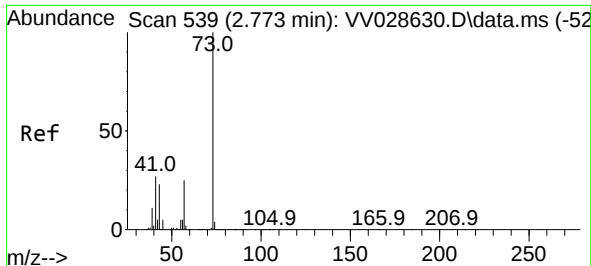
Tgt Ion: 85 Resp: 9113
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.6 40.0



#16
 Methylene chloride
 Concen: 0.553 ug/L
 RT: 2.494 min Scan# 452
 Delta R.T. 0.000 min
 Lab File: VV028636.D
 Acq: 20 Oct 2022 15:42

Tgt Ion: 84 Resp: 11442
 Ion Ratio Lower Upper
 84 100
 86 64.1 44.4 82.4
 49 154.1 110.8 205.8





#17

Methyl tert-butyl Ether

Concen: 0.143 ug/L

RT: 2.770 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV028636.D

Acq: 20 Oct 2022 15:42

Instrument :

MSVOA_V

ClientSampleId :

BFXS7DL

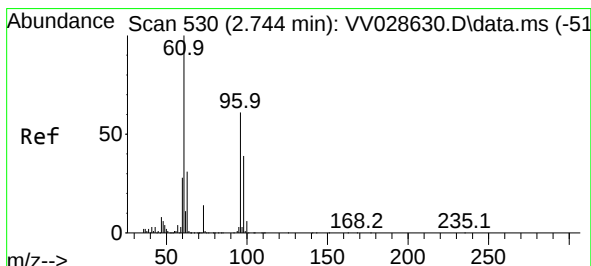
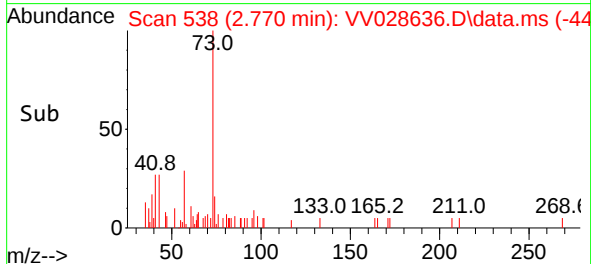
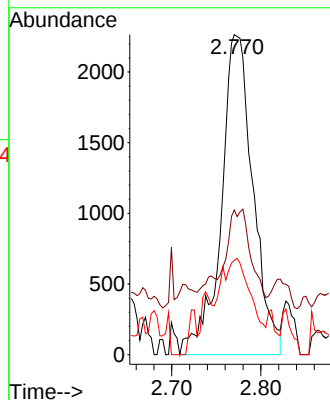
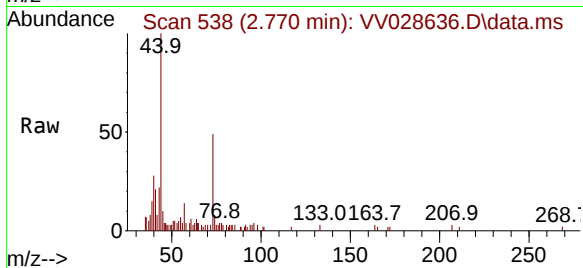
Tgt Ion: 73 Resp: 5630

Ion Ratio Lower Upper

73 100

43 21.0 18.0 27.0

57 25.2 20.0 30.0



#18

trans-1,2-Dichloroethene

Concen: 0.162 ug/L

RT: 2.744 min Scan# 530

Delta R.T. 0.000 min

Lab File: VV028636.D

Acq: 20 Oct 2022 15:42

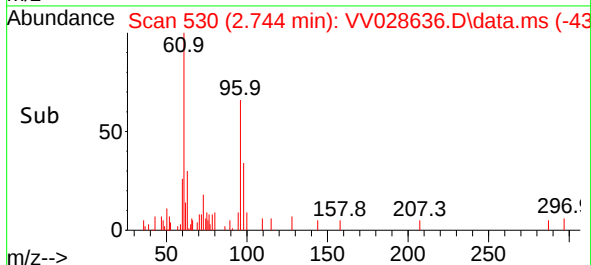
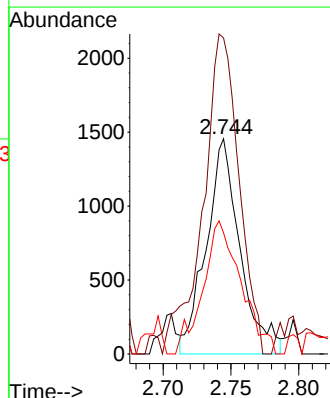
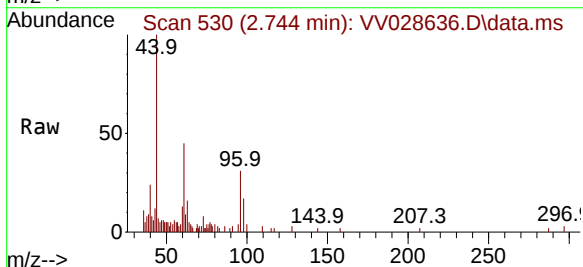
Tgt Ion: 96 Resp: 2528

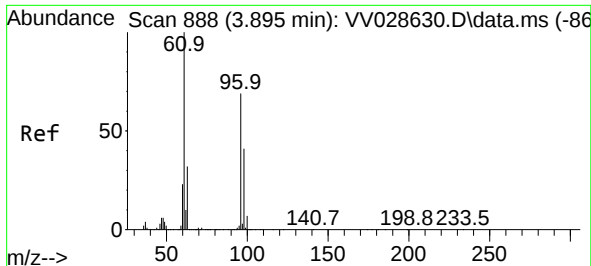
Ion Ratio Lower Upper

96 100

61 146.9 114.3 212.3

98 56.3 45.0 83.6

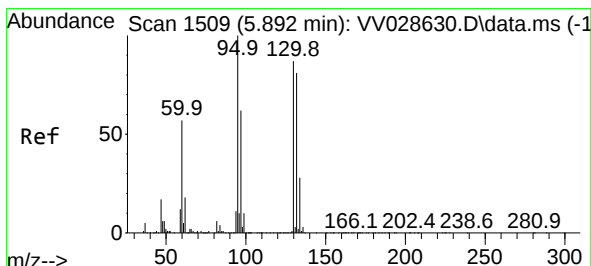
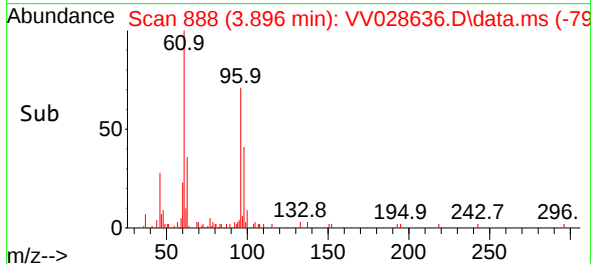
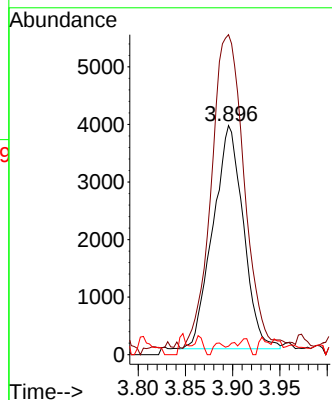
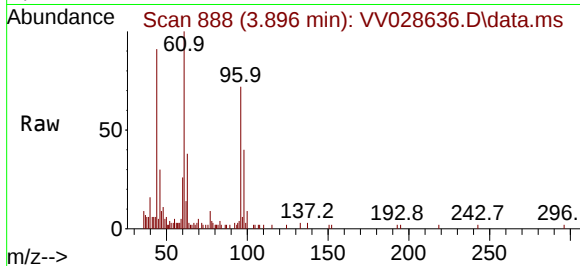




#22
 cis-1,2-Dichloroethene
 Concen: 0.483 ug/L
 RT: 3.896 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028636.D
 Acq: 20 Oct 2022 15:42

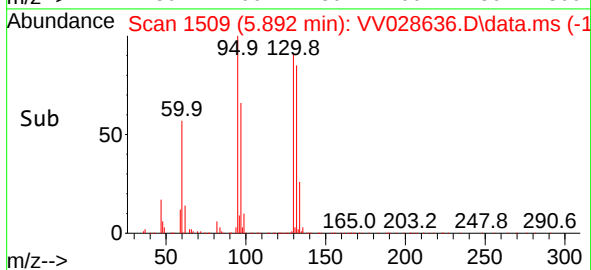
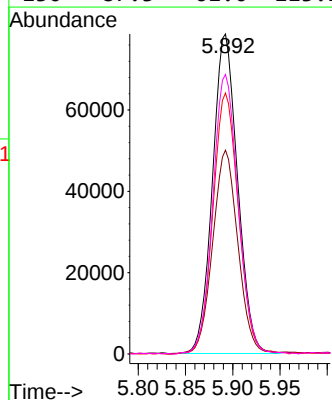
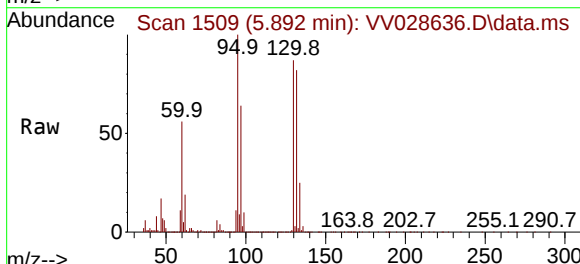
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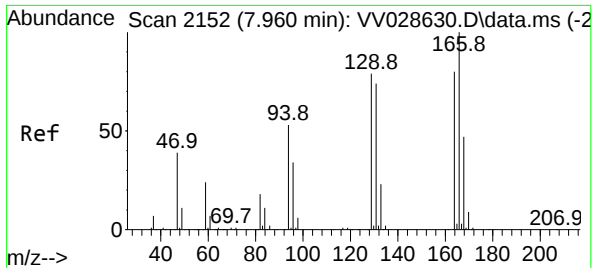
Tgt Ion: 96 Resp: 8688
 Ion Ratio Lower Upper
 96 100
 61 139.6 101.4 188.2
 68 3.7 0.5 0.9#



#34
 Trichloroethene
 Concen: 9.254 ug/L
 RT: 5.892 min Scan# 1509
 Delta R.T. 0.000 min
 Lab File: VV028636.D
 Acq: 20 Oct 2022 15:42

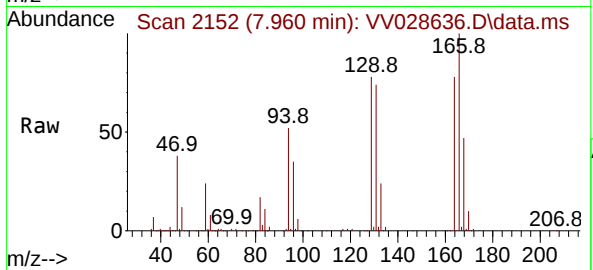
Tgt Ion: 95 Resp: 144979
 Ion Ratio Lower Upper
 95 100
 97 63.7 43.5 80.9
 132 81.6 56.5 104.9
 130 87.3 61.0 113.2





#47
 Tetrachloroethene
 Concen: 9.407 ug/L
 RT: 7.960 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028636.D
 Acq: 20 Oct 2022 15:42

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXS7DL



Tgt Ion:164 Resp: 79583

Ion	Ratio	Lower	Upper
164	100		
129	99.0	69.2	128.6
131	94.0	64.2	119.2
166	127.7	87.3	162.1

