

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
 Data File : VV032718.D
 Acq On : 28 Oct 2023 05:28
 Operator : SY/MD
 Sample : 05019-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4911

Quant Time: Oct 28 05:50:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 28 02:08:41 2023
 Response via : Initial Calibration

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

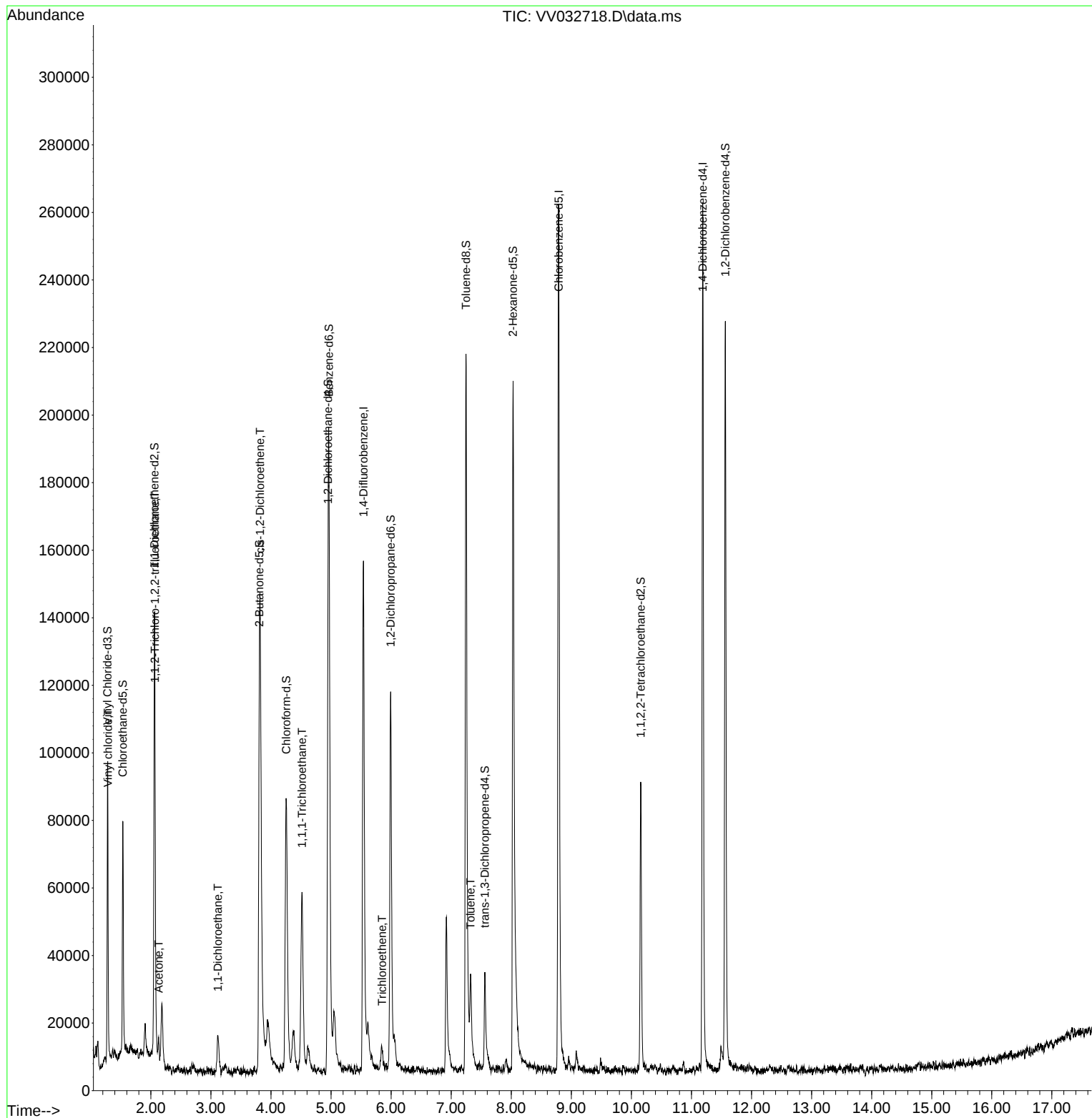
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	130705	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	149873	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	66176	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	47388	4.415	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.200%
7) Chloroethane-d5	1.532	69	44495	4.878	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.060	65	20628	4.281	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	3.805	46	86979	37.522	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.040%
24) Chloroform-d	4.252	84	87008	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	4.950	65	43258	4.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	4.963	84	169900	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	5.992	67	51936	5.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.246	98	155973	4.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.561	79	17214	3.775	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.030	63	70533	39.034	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.060%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	41560	4.523	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	56536	5.232	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	11153	0.710	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	6092	0.489	ug/L	94
13) Acetone	2.130	43	4467	1.952	ug/L	95
19) 1,1-Dichloroethane	3.117	63	11766	0.574	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	59104	5.047	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	42964	2.222	ug/L	98
34) Trichloroethene	5.850	95	2175	0.172	ug/L	89
42) Toluene	7.323	91	22011	0.401	ug/L	97

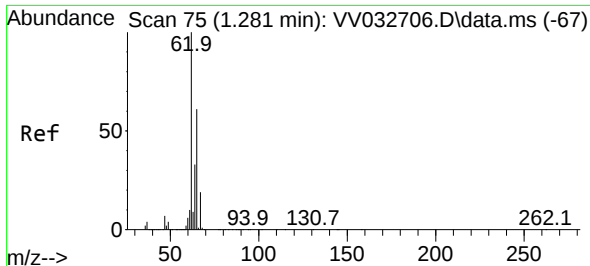
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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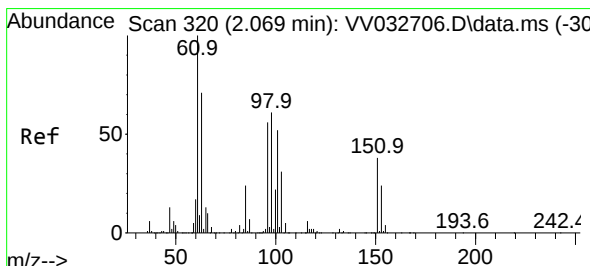
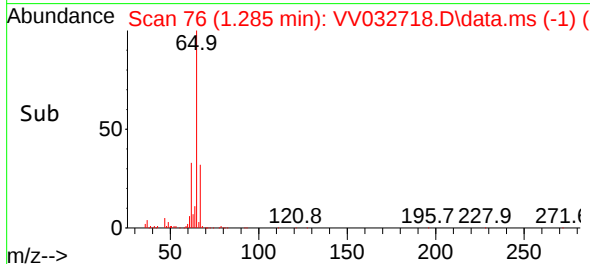
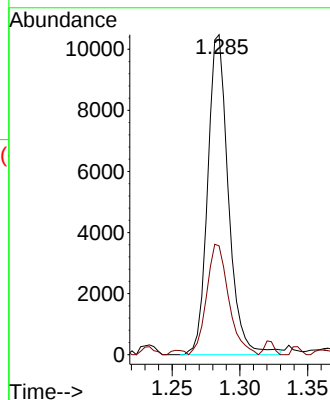
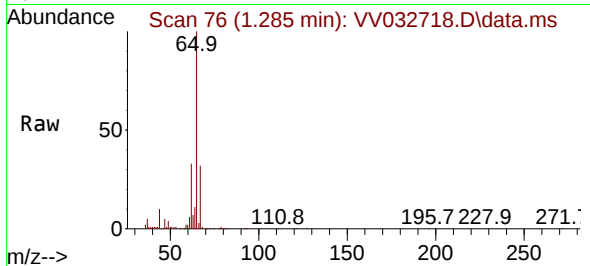




#5
 Vinyl chloride
 Concen: 0.710 ug/L
 RT: 1.285 min Scan# 75
 Delta R.T. 0.003 min
 Lab File: VV032718.D
 Acq: 28 Oct 2023 05:28

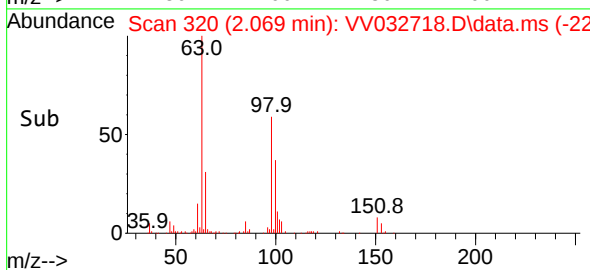
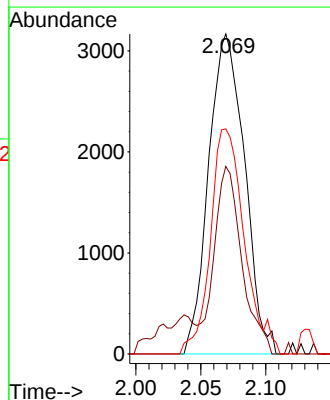
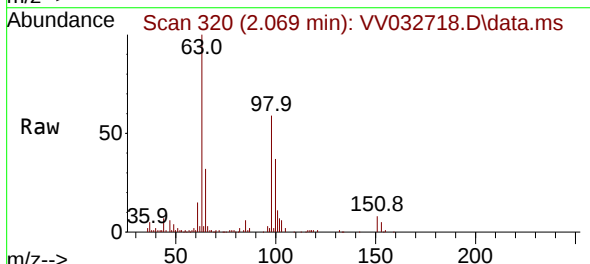
Instrument :
 MSVOA_V
 ClientSampleId :
 A4911

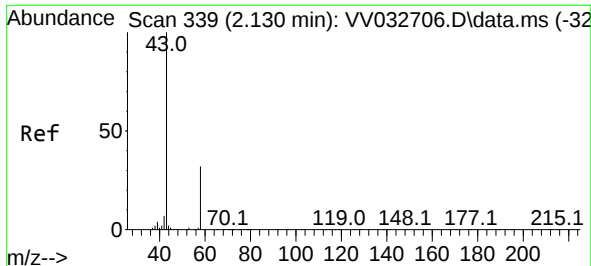
Tgt Ion: 62 Resp: 11153
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.2 43.0



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.489 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV032718.D
 Acq: 28 Oct 2023 05:28

Tgt Ion: 101 Resp: 6092
 Ion Ratio Lower Upper
 101 100
 85 45.5 36.2 54.4
 151 66.0 59.0 88.6





#13

Acetone

Concen: 1.952 ug/L

RT: 2.130 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032718.D

Acq: 28 Oct 2023 05:28

Instrument :

MSVOA_V

ClientSampleId :

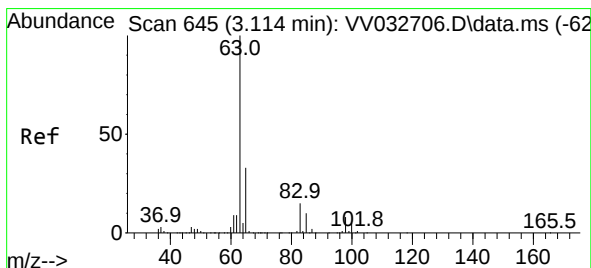
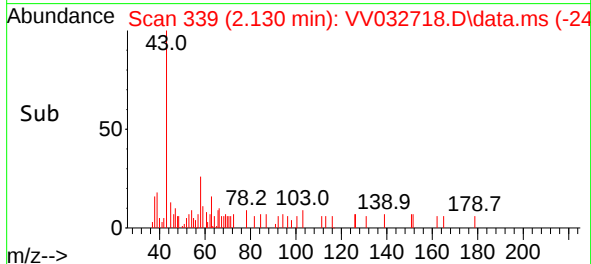
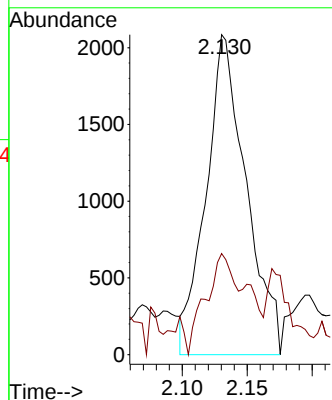
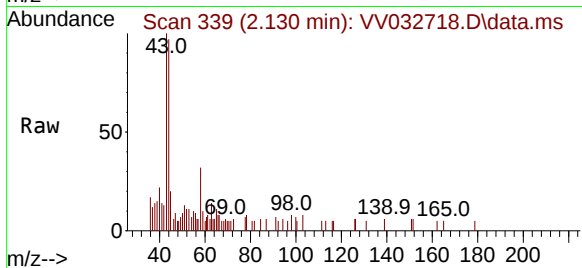
A4911

Tgt Ion: 43 Resp: 4467

Ion Ratio Lower Upper

43 100

58 22.8 0.0 50.6



#19

1,1-Dichloroethane

Concen: 0.574 ug/L

RT: 3.117 min Scan# 646

Delta R.T. 0.003 min

Lab File: VV032718.D

Acq: 28 Oct 2023 05:28

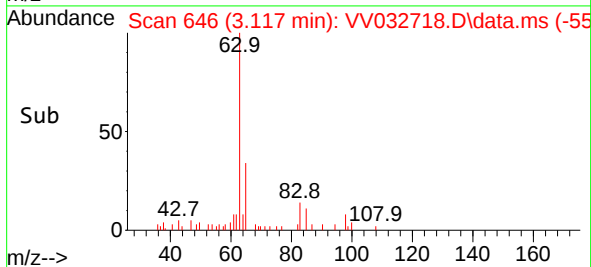
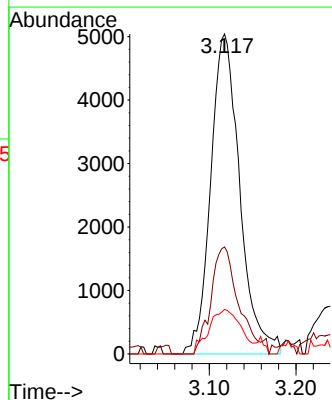
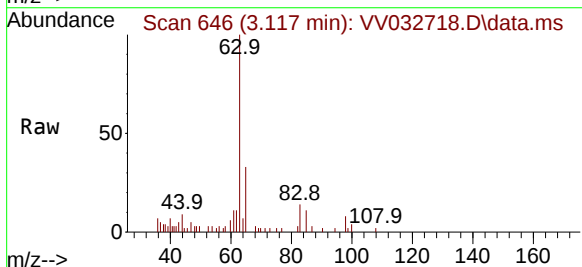
Tgt Ion: 63 Resp: 11766

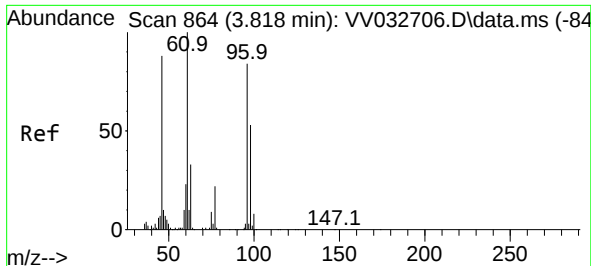
Ion Ratio Lower Upper

63 100

65 33.4 21.5 39.9

83 13.9 9.2 17.0

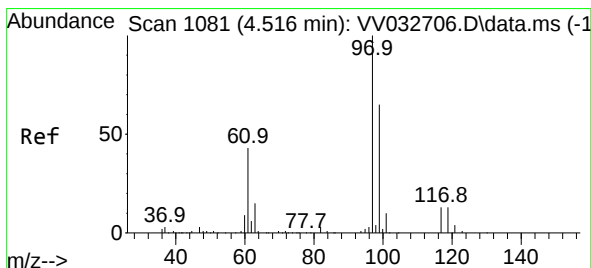
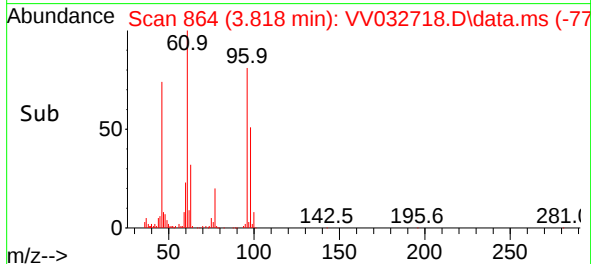
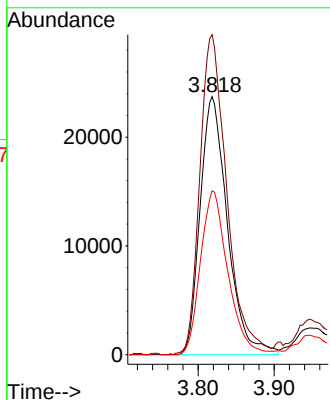
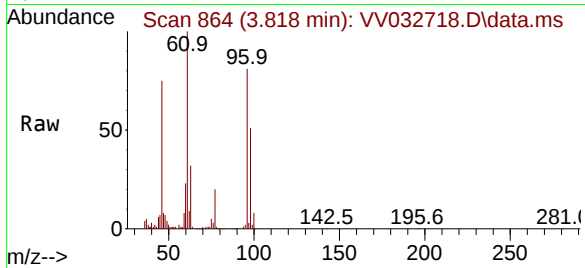




#22
 cis-1,2-Dichloroethene
 Concen: 5.047 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV032718.D
 Acq: 28 Oct 2023 05:28

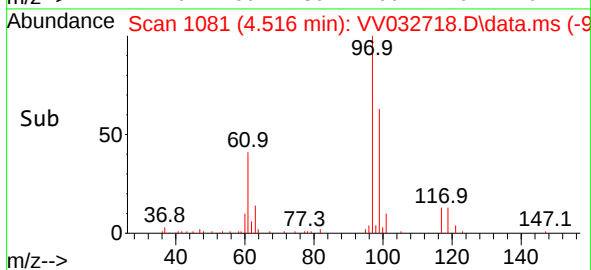
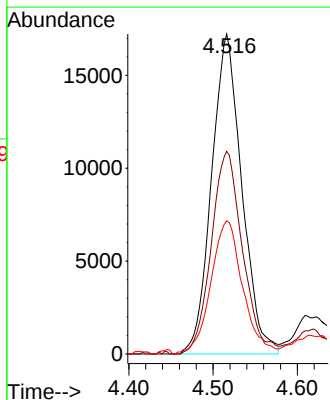
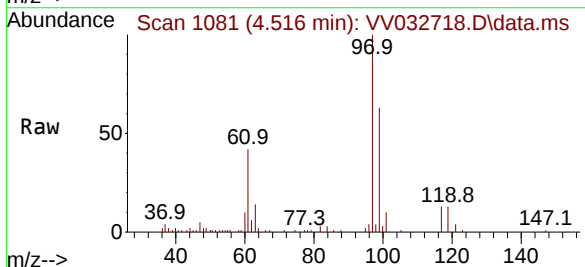
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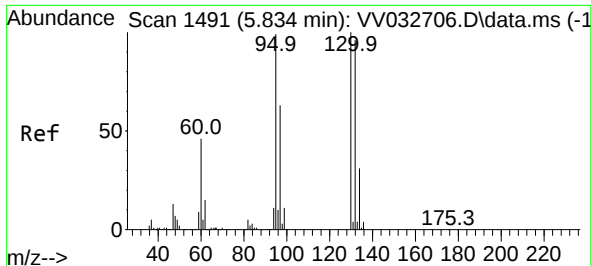
Tgt Ion: 96 Resp: 59104
 Ion Ratio Lower Upper
 96 100
 61 124.0 87.7 162.9
 98 63.5 45.0 83.6



#29
 1,1,1-Trichloroethane
 Concen: 2.222 ug/L
 RT: 4.516 min Scan# 1081
 Delta R.T. 0.000 min
 Lab File: VV032718.D
 Acq: 28 Oct 2023 05:28

Tgt Ion: 97 Resp: 42964
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.4 77.0
 61 43.7 36.1 54.1



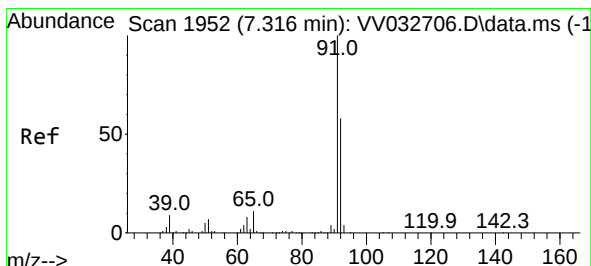
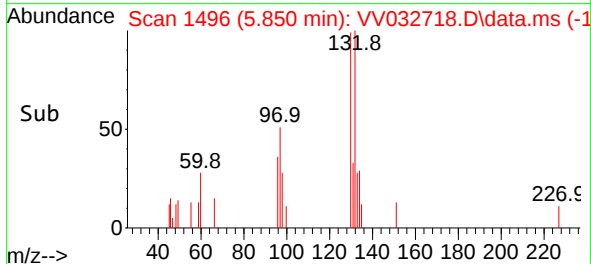
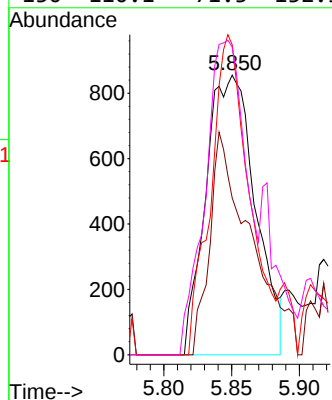
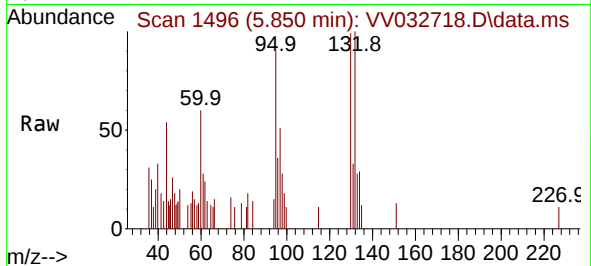


#34
 Trichloroethene
 Concen: 0.172 ug/L
 RT: 5.850 min Scan# 1496
 Delta R.T. 0.016 min
 Lab File: VV032718.D
 Acq: 28 Oct 2023 05:28

Instrument :
 MSVOA_V
 ClientSampleId :
 A4911

Tgt Ion: 95 Resp: 2175

Ion	Ratio	Lower	Upper
95	100		
97	56.1	44.0	81.8
132	110.9	66.9	124.3
130	110.1	71.3	132.3



#42
 Toluene
 Concen: 0.401 ug/L
 RT: 7.323 min Scan# 1954
 Delta R.T. 0.007 min
 Lab File: VV032718.D
 Acq: 28 Oct 2023 05:28

Tgt Ion: 91 Resp: 22011

Ion	Ratio	Lower	Upper
91	100		
92	54.7	39.9	74.1

