

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022399.D
 Acq On : 30 Sep 2021 00:08
 Operator : SY/MD
 Sample : M3979-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 30 07:08:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 06:55:59 2021
 Response via : Initial Calibration

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

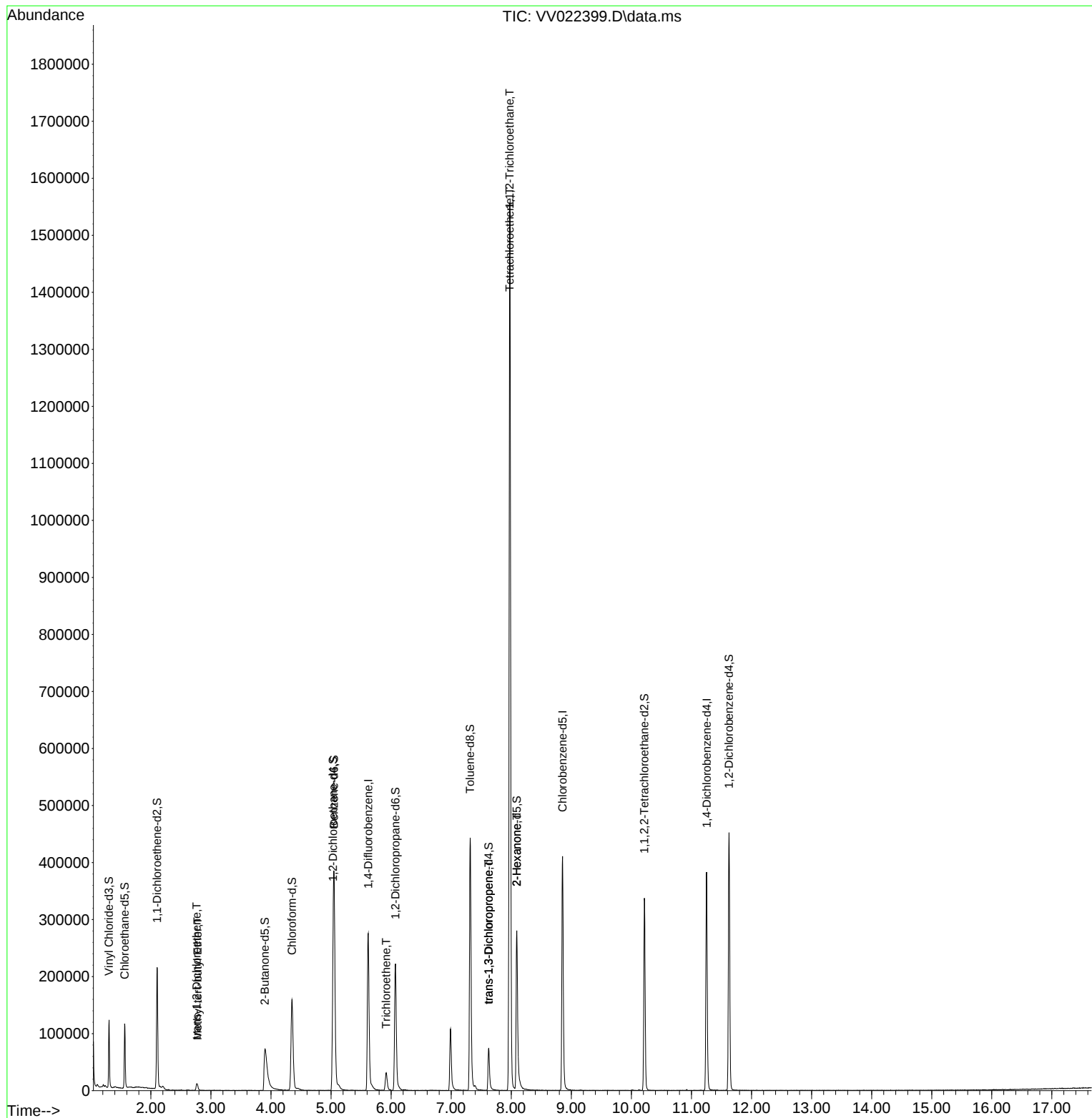
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	254339	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	241799	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	104879	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	74348	34.445	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.880%
7) Chloroethane-d5	1.565	69	68928	40.374	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.740%
11) 1,1-Dichloroethene-d2	2.105	63	107684	28.694	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.380%#
21) 2-Butanone-d5	3.899	46	155769	102.257	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.260%
24) Chloroform-d	4.349	84	166451	42.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.420%
26) 1,2-Dichloroethane-d4	5.034	65	104220	43.604	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.200%
32) Benzene-d6	5.050	84	337450	44.362	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.720%
36) 1,2-Dichloropropane-d6	6.072	67	112276	46.137	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.280%
41) Toluene-d8	7.317	98	300369	43.141	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.280%
43) trans-1,3-Dichloroprop...	7.625	79	44741	40.262	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.520%
47) 2-Hexanone-d5	8.092	63	103203	104.368	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.370%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	160286	45.374	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.740%
66) 1,2-Dichlorobenzene-d4	11.625	152	121295	52.011	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.020%
Target Compounds						
17) trans-1,2-Dichloroethene	2.764	96	1692	0.877	ug/L	93
18) Methyl tert-butyl Ether	2.777	73	8023	1.398	ug/L #	91
34) Trichloroethene	5.918	95	9947	5.242	ug/L	96
44) trans-1,3-Dichloropropene	7.622	75	2100	0.789	ug/L	86
45) 1,1,2-Trichloroethane	7.973	97	2899	1.504	ug/L #	1
46) Tetrachloroethene	7.976	164	360884	230.967	ug/L	97
48) 2-Hexanone	8.092	43	11079	5.475	ug/L #	71

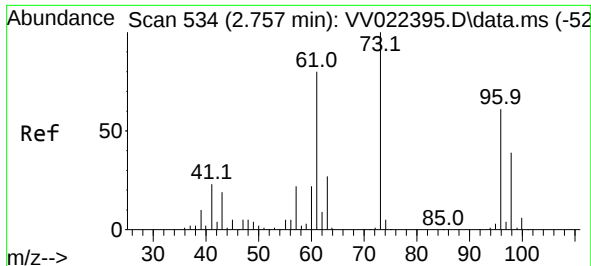
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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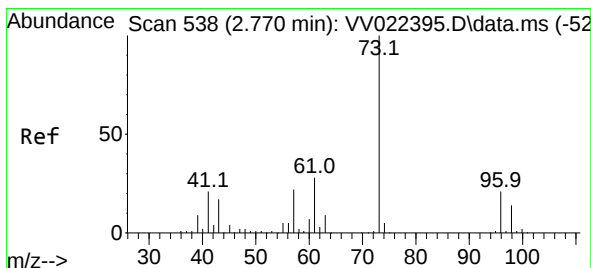
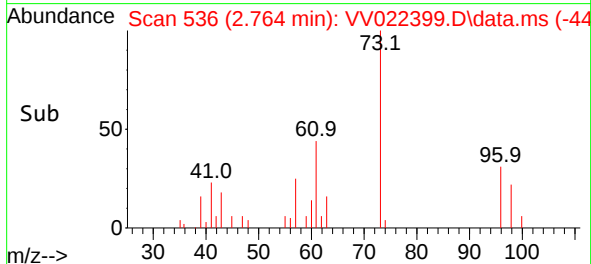
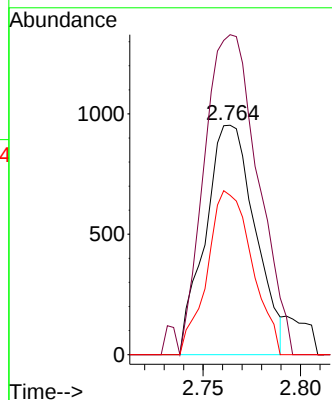
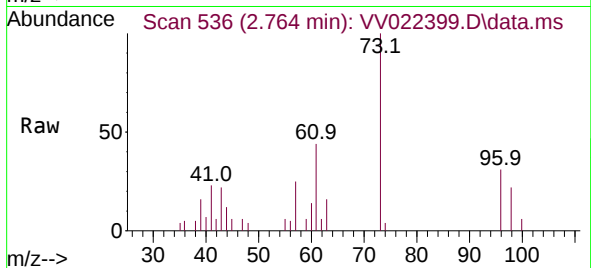


#17

trans-1,2-Dichloroethene
Concen: 0.877 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.007 min
Lab File: VV022399.D
Acq: 30 Sep 2021 00:08

Instrument :
MSVOA_V
ClientSampled :

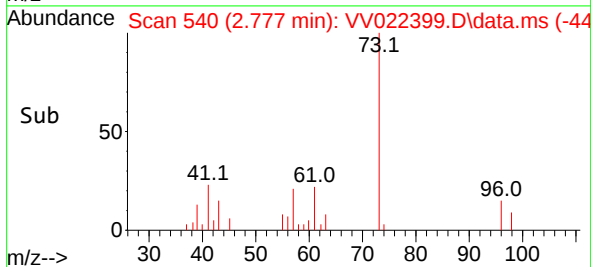
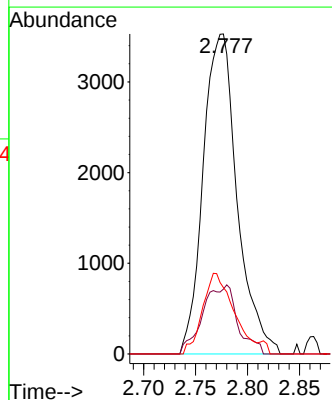
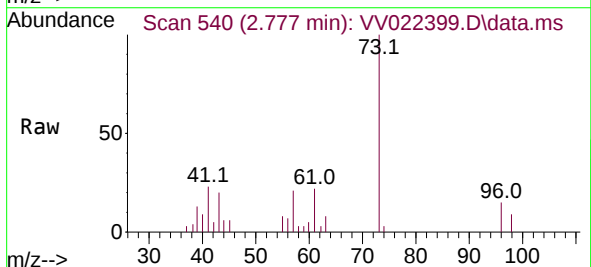
Tgt Ion: 96 Resp: 1692
Ion Ratio Lower Upper
96 100
61 139.5 92.7 172.1
98 69.5 44.4 82.5

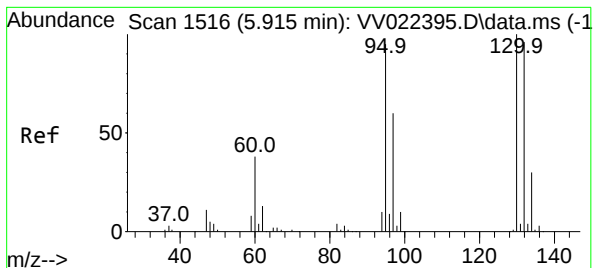


#18

Methyl tert-butyl Ether
Concen: 1.398 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.007 min
Lab File: VV022399.D
Acq: 30 Sep 2021 00:08

Tgt Ion: 73 Resp: 8023
Ion Ratio Lower Upper
73 100
43 12.0 14.6 21.8#
57 19.5 17.6 26.4





#34

Trichloroethene

Concen: 5.242 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV022399.D

Acq: 30 Sep 2021 00:08

Tgt Ion: 95 Resp: 9947

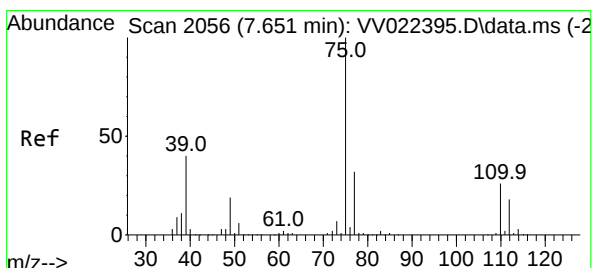
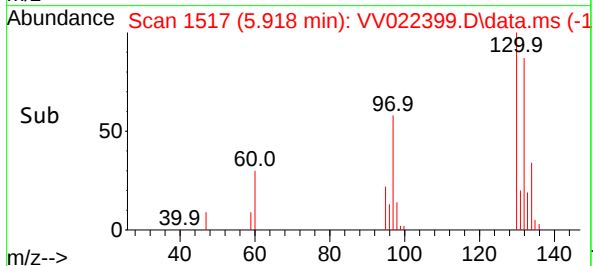
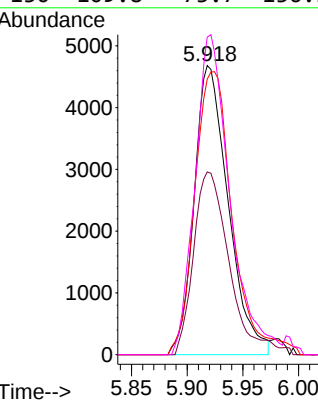
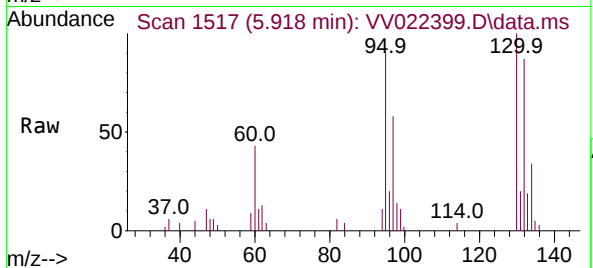
Ion Ratio Lower Upper

95 100

97 63.2 45.2 84.0

132 95.3 71.0 131.8

130 109.8 73.7 136.9



#44

trans-1,3-Dichloropropene

Concen: 0.789 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.029 min

Lab File: VV022399.D

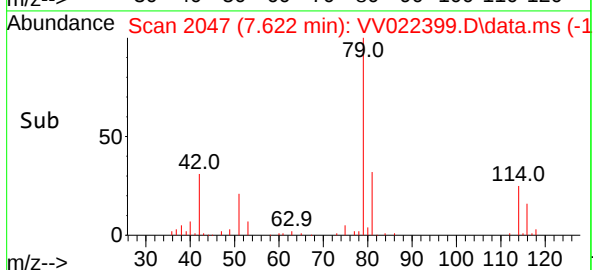
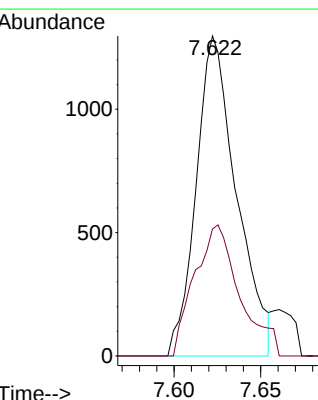
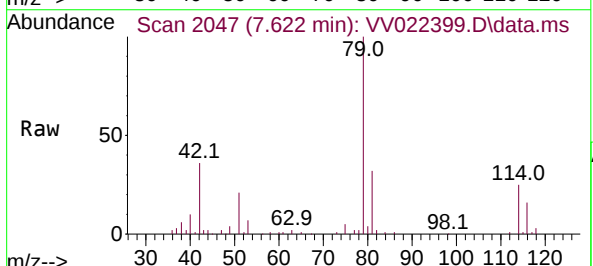
Acq: 30 Sep 2021 00:08

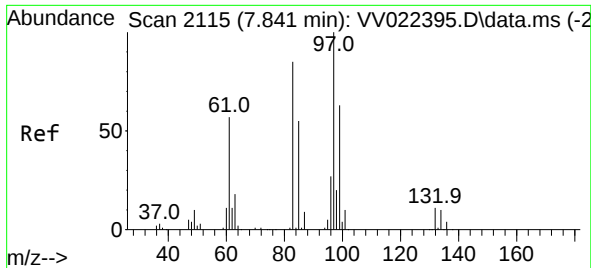
Tgt Ion: 75 Resp: 2100

Ion Ratio Lower Upper

75 100

77 39.7 22.3 41.3



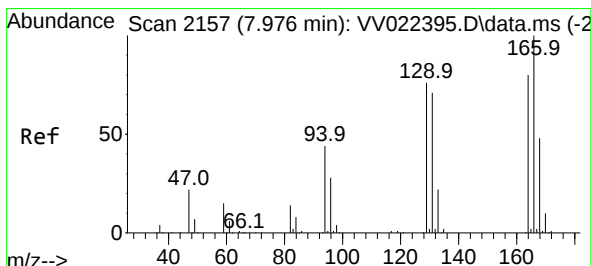
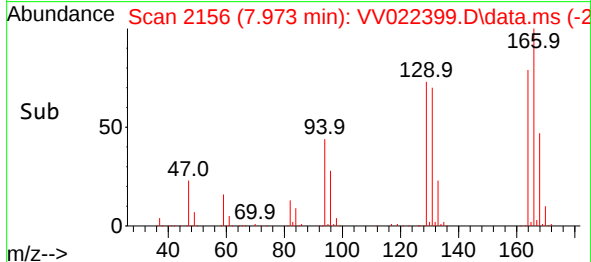
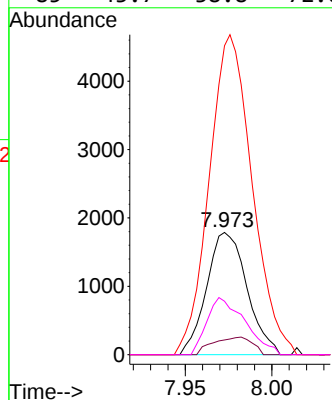
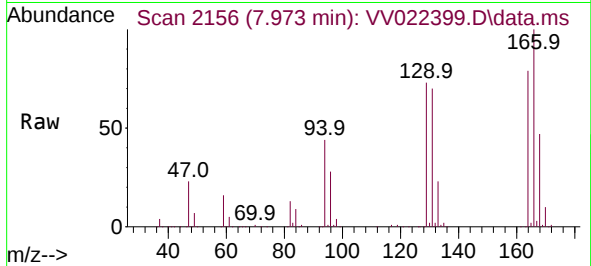


#45
1,1,2-Trichloroethane
Concen: 1.504 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.132 min
Lab File: VV022399.D
Acq: 30 Sep 2021 00:08

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 2899

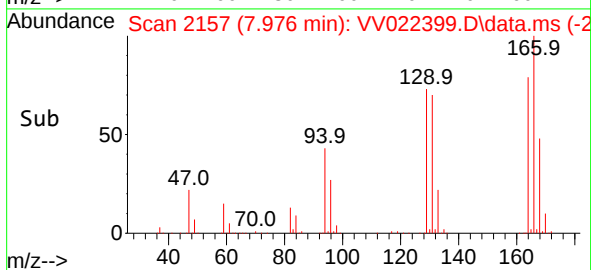
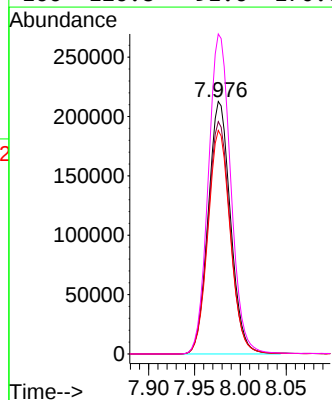
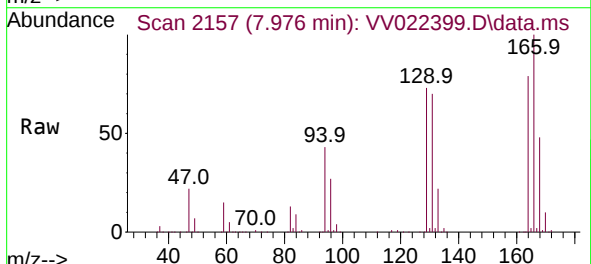
Ion	Ratio	Lower	Upper
97	100		
99	12.0	44.6	82.8#
83	252.5	59.8	111.1#
85	43.7	38.8	72.0

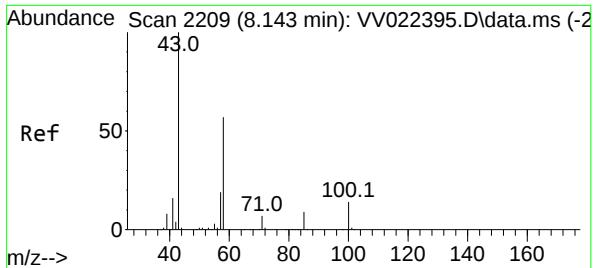


#46
Tetrachloroethene
Concen: 230.967 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022399.D
Acq: 30 Sep 2021 00:08

Tgt Ion: 164 Resp: 360884

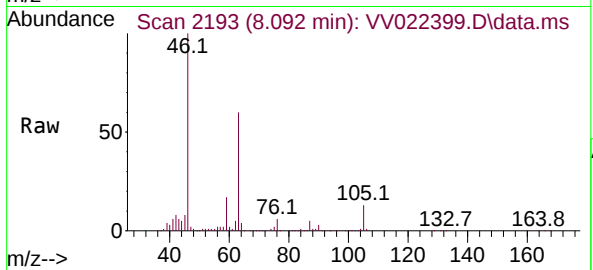
Ion	Ratio	Lower	Upper
164	100		
129	92.0	66.4	123.4
131	88.6	63.6	118.0
166	126.8	91.6	170.0





#48
2-Hexanone
Concen: 5.475 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.051 min
Lab File: VV022399.D
Acq: 30 Sep 2021 00:08

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43	Resp: 11079
Ion Ratio	Lower Upper
43	100
58	34.5 45.4 68.2#
57	29.6 15.0 22.4#
100	0.8 10.7 16.1#

