

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022540.D
 Acq On : 03 Oct 2021 03:34
 Operator : SY/MD
 Sample : M3974-03ME
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 04:31:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 04:27:20 2021
 Response via : Initial Calibration

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

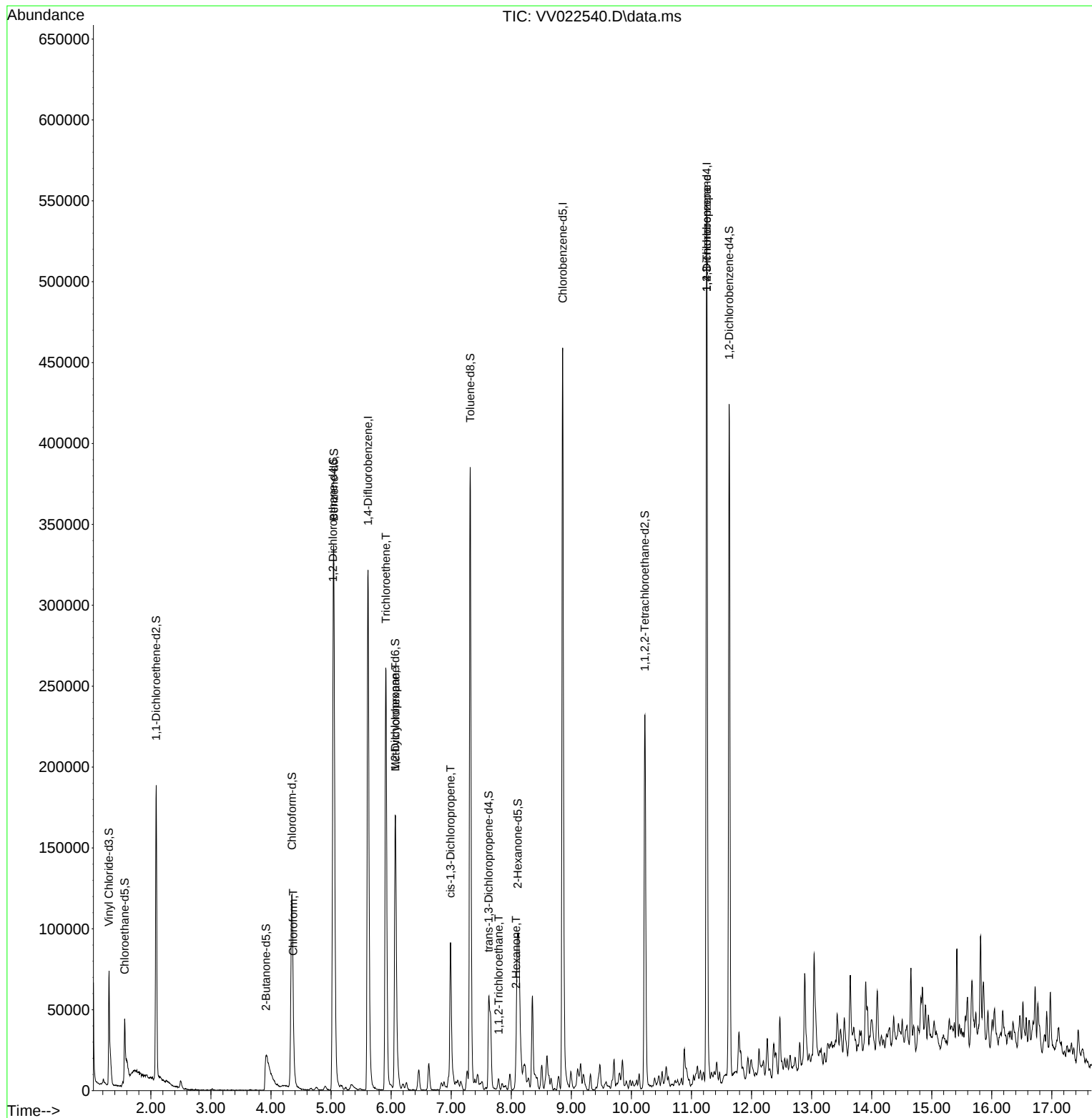
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	300025	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	289550	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.256	152	149678	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	66237	35.697	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.400%
7) Chloroethane-d5	1.565	69	30173	20.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.380%#
11) 1,1-Dichloroethene-d2	2.089	63	92490	25.280	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.560%#
21) 2-Butanone-d5	3.918	46	63636	62.304	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	62.300%
24) Chloroform-d	4.349	84	135856	40.074	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.140%
26) 1,2-Dichloroethane-d4	5.034	65	89301	45.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.820%
32) Benzene-d6	5.047	84	292014	43.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.060%
36) 1,2-Dichloropropane-d6	6.069	67	89483	43.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.660%
41) Toluene-d8	7.317	98	266751	43.352	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.700%
43) trans-1,3-Dichloroprop...	7.625	79	37255	38.131	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.260%
47) 2-Hexanone-d5	8.108	63	34822	40.706	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	40.710%#
56) 1,1,2,2-Tetrachloroeth...	10.223	84	117185	40.810	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.620%
66) 1,2-Dichlorobenzene-d4	11.628	152	110465	45.256	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.520%
Target Compounds						
					Qvalue	
25) Chloroform	4.372	83	2478	0.605	ug/L	92
34) Trichloroethene	5.912	95	91754	39.307	ug/L	98
35) Methylcyclohexane	6.072	83	24692	6.976	ug/L #	20
39) cis-1,3-Dichloropropene	6.989	75	2529	0.735	ug/L #	58
45) 1,1,2-Trichloroethane	7.789	97	2622	1.107	ug/L #	20
48) 2-Hexanone	8.082	43	9149	3.719	ug/L #	35
61) 1,2,3-Trichloropropane	11.256	75	15614	5.485	ug/L #	65

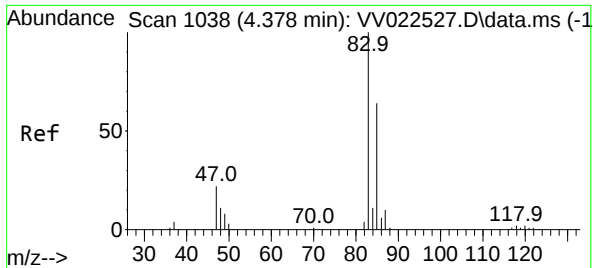
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
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QLast Update : Mon Oct 04 04:27:20 2021
Response via : Initial Calibration

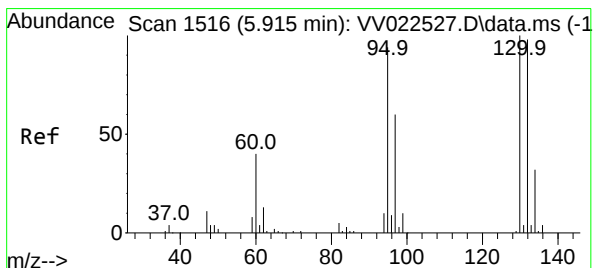
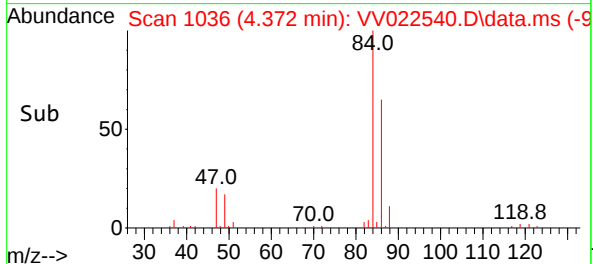
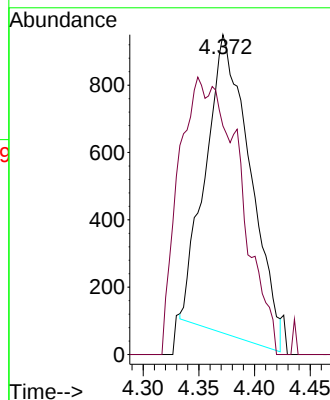
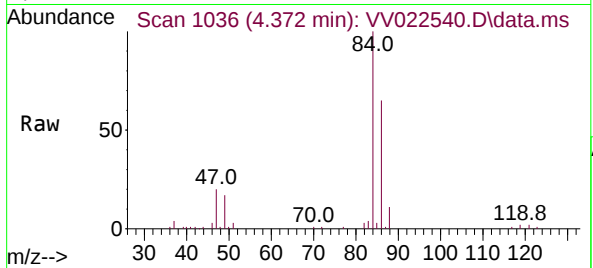




#25
Chloroform
Concen: 0.605 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VV022540.D
Acq: 03 Oct 2021 03:34

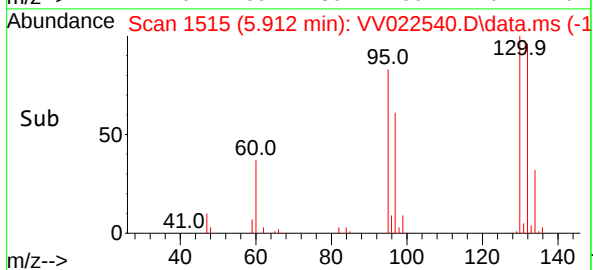
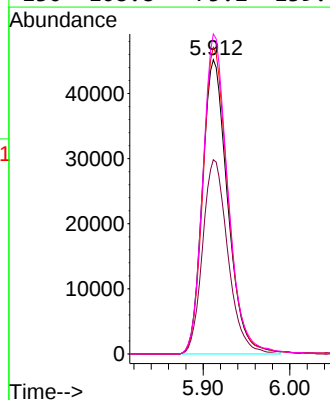
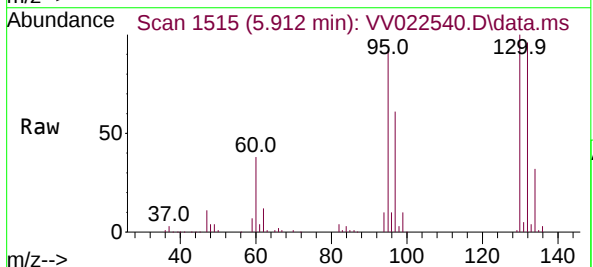
Instrument :
MSVOA_V
ClientSampled :

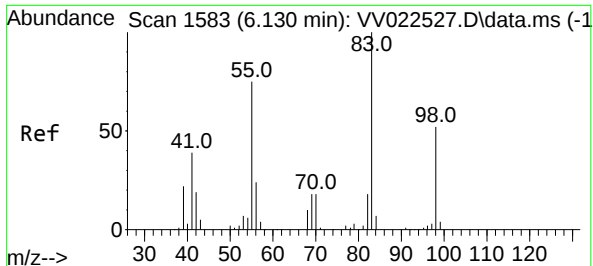
Tgt Ion: 83 Resp: 2478
Ion Ratio Lower Upper
83 100
85 71.5 45.8 85.0



#34
Trichloroethene
Concen: 39.307 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV022540.D
Acq: 03 Oct 2021 03:34

Tgt Ion: 95 Resp: 91754
Ion Ratio Lower Upper
95 100
97 66.0 45.4 84.4
132 104.2 71.5 132.9
130 108.8 75.2 139.6





#35

Methylcyclohexane

Concen: 6.976 ug/L

RT: 6.072 min Scan# 1565

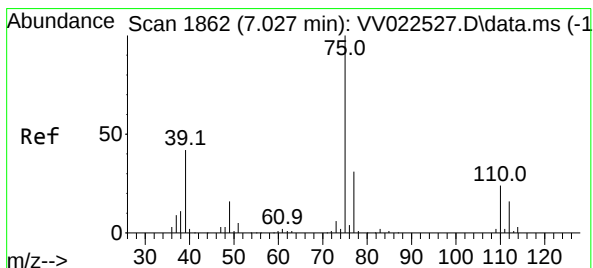
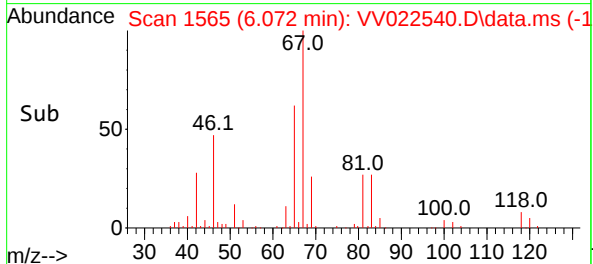
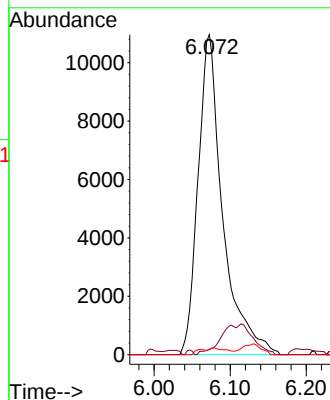
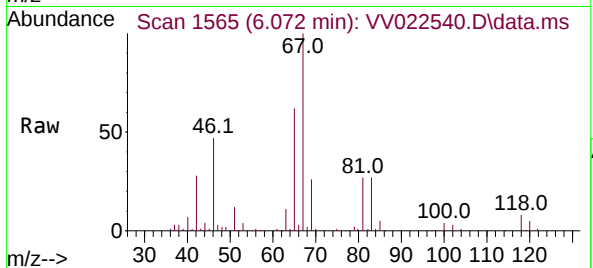
Delta R.T. -0.058 min

Lab File: VV022540.D

Acq: 03 Oct 2021 03:34

Tgt Ion:	83	Resp:	24692
Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.7	85.1#
98	0.4	40.6	60.8#

Instrument :
MSVOA_V
ClientSampled :



#39

cis-1,3-Dichloropropene

Concen: 0.735 ug/L

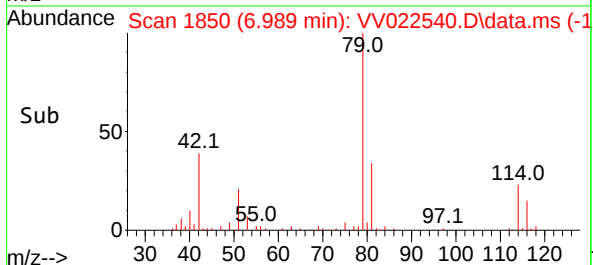
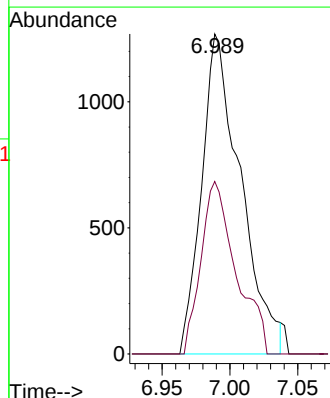
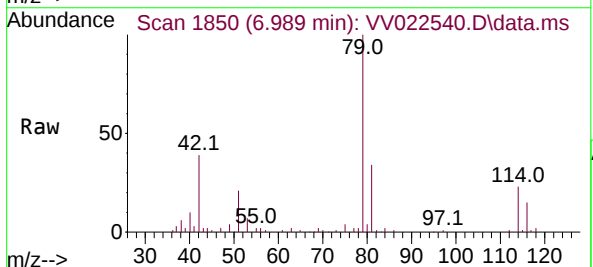
RT: 6.989 min Scan# 1850

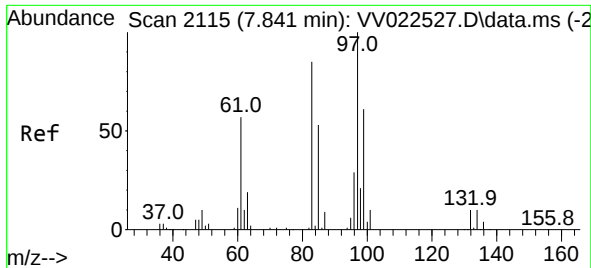
Delta R.T. -0.039 min

Lab File: VV022540.D

Acq: 03 Oct 2021 03:34

Tgt Ion:	75	Resp:	2529
Ion	Ratio	Lower	Upper
75	100		
77	53.9	21.6	40.2#



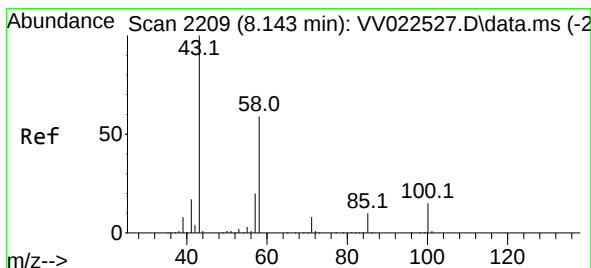
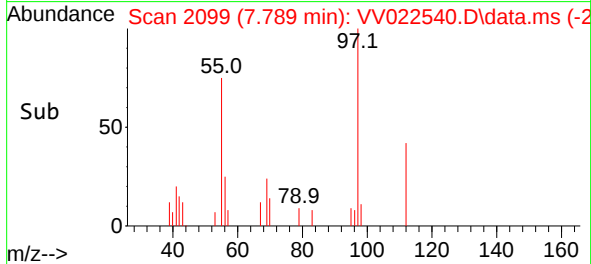
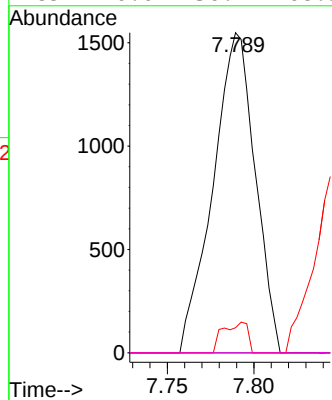
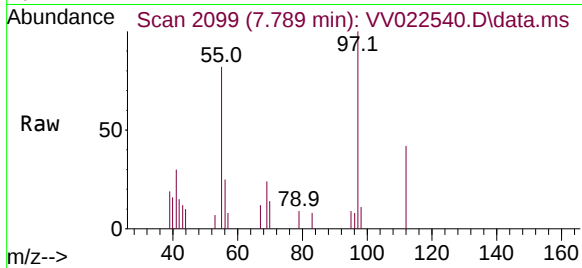


#45
1,1,2-Trichloroethane
Concen: 1.107 ug/L
RT: 7.789 min Scan# 2099
Delta R.T. -0.051 min
Lab File: VV022540.D
Acq: 03 Oct 2021 03:34

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 2622

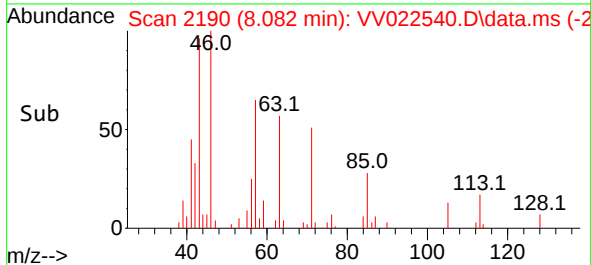
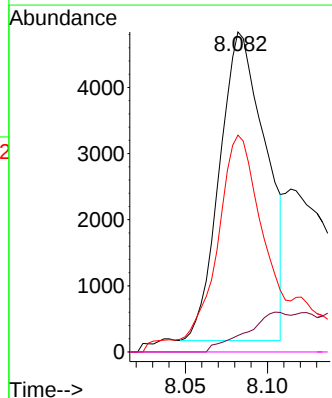
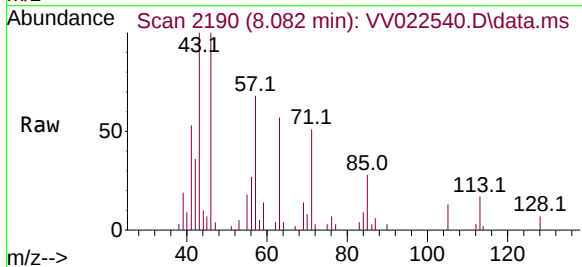
Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.1	80.1#
83	7.8	58.6	108.8#
85	0.0	36.9	68.5#

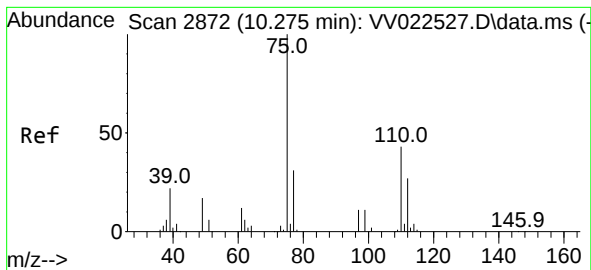


#48
2-Hexanone
Concen: 3.719 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. -0.061 min
Lab File: VV022540.D
Acq: 03 Oct 2021 03:34

Tgt Ion: 43 Resp: 9149

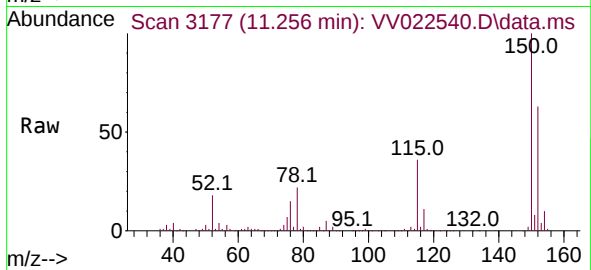
Ion	Ratio	Lower	Upper
43	100		
58	12.2	47.0	70.4#
57	63.6	15.8	23.6#
100	0.0	11.8	17.6#





#61
 1,2,3-Trichloropropane
 Concen: 5.485 ug/L
 RT: 11.256 min Scan# 3177
 Delta R.T. 0.981 min
 Lab File: VV022540.D
 Acq: 03 Oct 2021 03:34

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 15614
 Ion Ratio Lower Upper
 75 100
 77 34.8 26.0 39.0
 110 5.8 34.3 51.5#

