

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111323\
 Data File : VW032947.D
 Acq On : 13 Nov 2023 21:39
 Operator : SY/MD
 Sample : 05296-19 4X
 Misc : 5.89gm/5mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH3T7

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

Quant Time: Nov 14 01:38:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 14 01:11:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	479216	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	487167	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	282062	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	186446	46.001	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.000%		
7) Chloroethane-d5	1.513	69	167499m	49.879	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.760%		
11) 1,1-Dichloroethene-d2	2.053	65	86229	48.830	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.660%		
21) 2-Butanone-d5	3.783	46	160996	92.669	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.670%		
24) Chloroform-d	4.246	84	341004	48.701	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.400%		
26) 1,2-Dichloroethane-d4	4.937	65	212001	49.760	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.520%		
32) Benzene-d6	4.957	84	676085	50.883	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.760%		
36) 1,2-Dichloropropane-d6	5.986	67	197871	51.233	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.460%		
41) Toluene-d8	7.243	98	618786	50.513	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.020%		
43) trans-1,3-Dichloroprop...	7.551	79	98076	47.834	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.660%		
47) 2-Hexanone-d5	8.027	63	149519	105.674	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.670%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	306187	54.119	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	108.240%		
66) 1,2-Dichlorobenzene-d4	11.561	152	285761	52.139	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.280%		
Target Compounds						Qvalue
51) Chlorobenzene	8.818	112	16043	1.604	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	346276	39.763	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	319745	34.234	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	307818	35.150	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	43141	7.350	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	11729	1.986	ug/L #	93

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

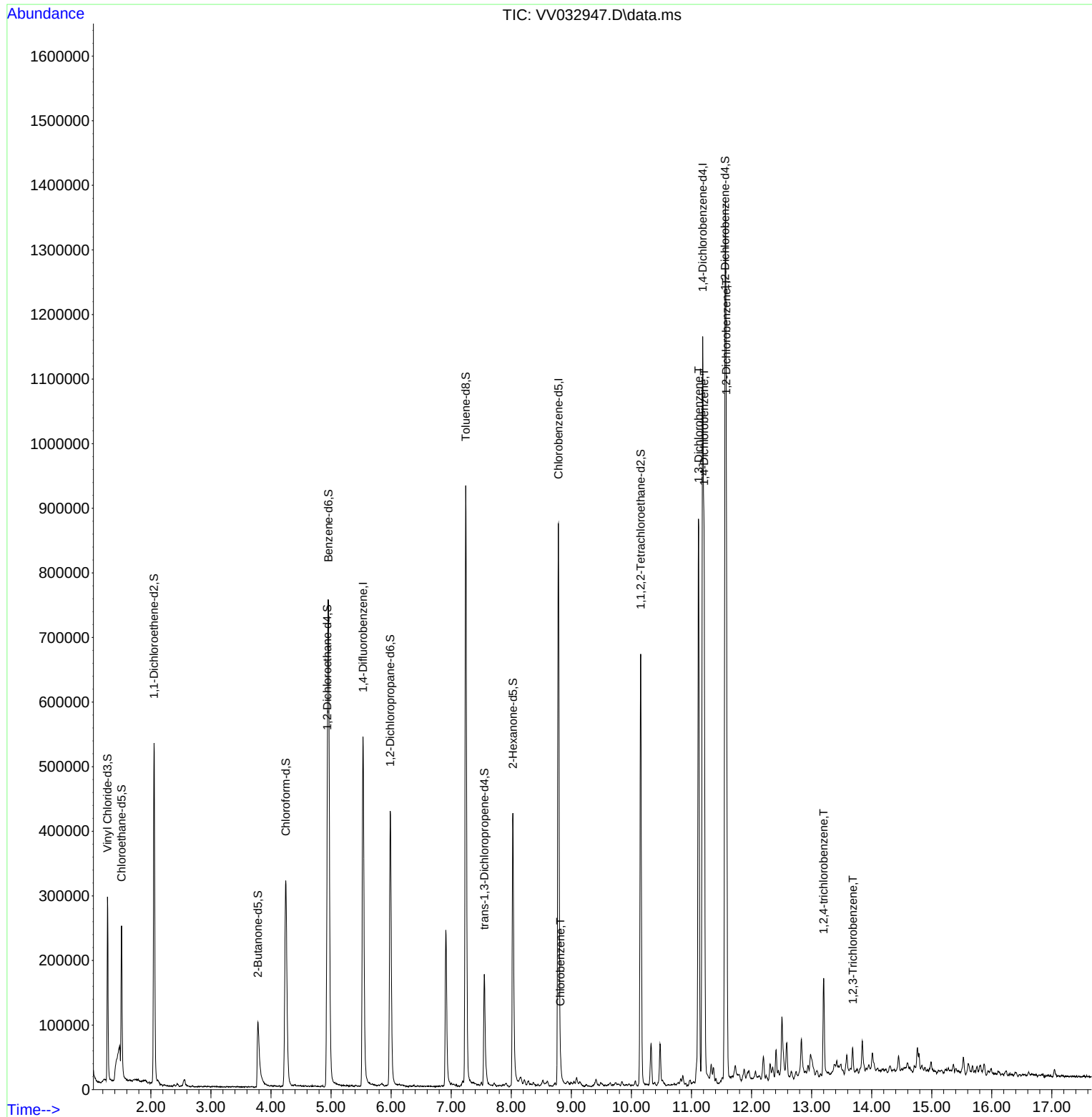
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111323\
Data File : VV032947.D
Acq On : 13 Nov 2023 21:39
Operator : SY/MD
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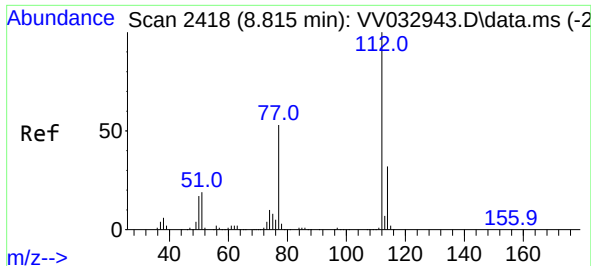
Instrument :
MSVOA_V
ClientSampleId :
BH3T7

Quant Time: Nov 14 01:38:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 14 01:11:23 2023
Response via : Initial Calibration

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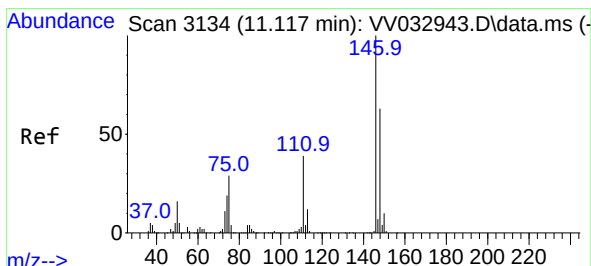
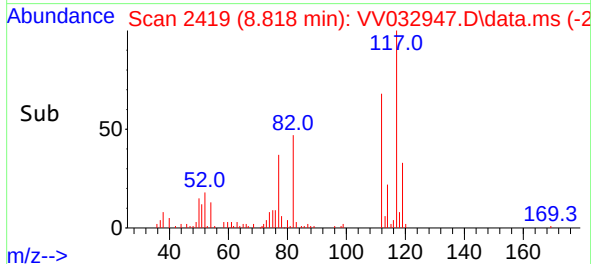
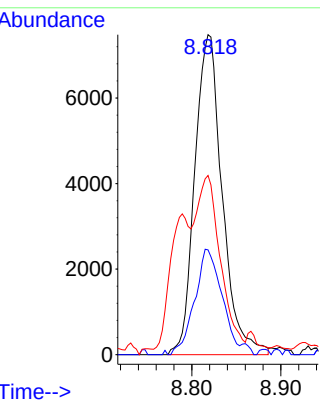
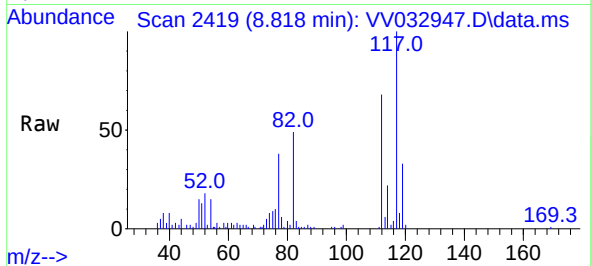
#51
Chlorobenzene
Concen: 1.604 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV032947.D
Acq: 13 Nov 2023 21:39

Instrument :
MSVOA_V
ClientSampleId :
BH3T7

Tgt Ion:112 Resp: 1604
Ion Ratio Lower Upper
112 100
114 32.8 22.1 41.1
77 56.0 44.2 66.2

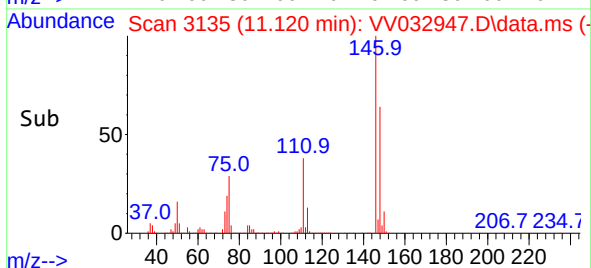
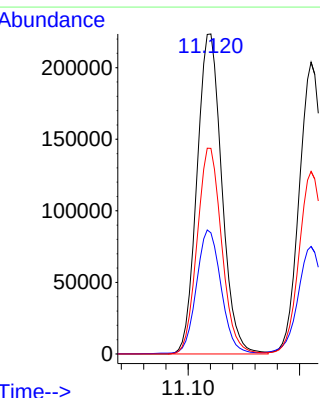
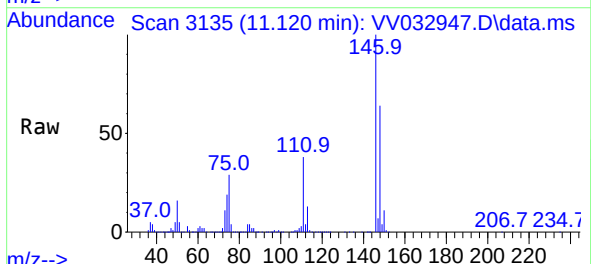
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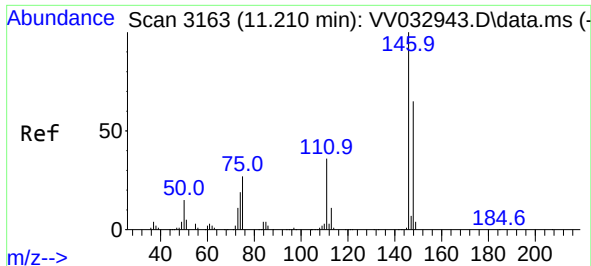
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#64
1,3-Dichlorobenzene
Concen: 39.763 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VV032947.D
Acq: 13 Nov 2023 21:39

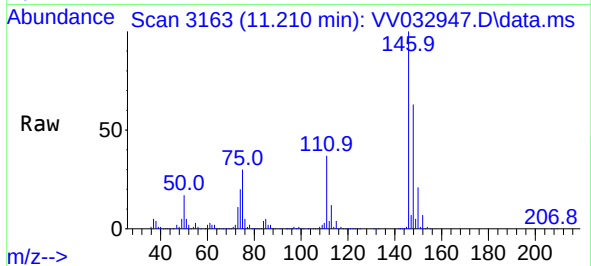
Tgt Ion:146 Resp: 346276
Ion Ratio Lower Upper
146 100
111 37.8 26.9 49.9
148 64.3 43.6 81.0





#65
1,4-Dichlorobenzene
Concen: 34.234 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV032947.D
Acq: 13 Nov 2023 21:39

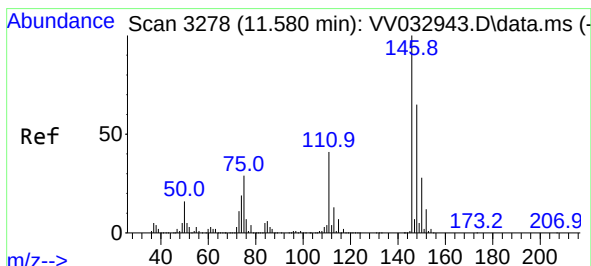
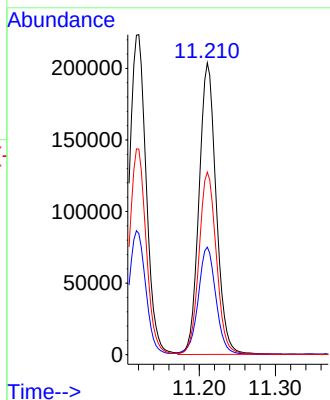
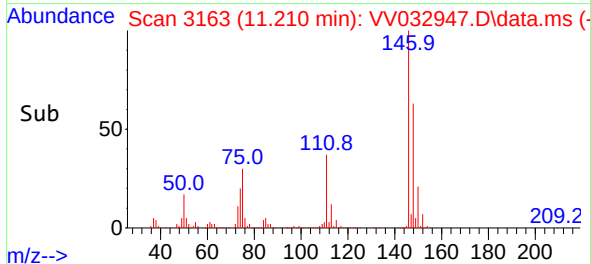
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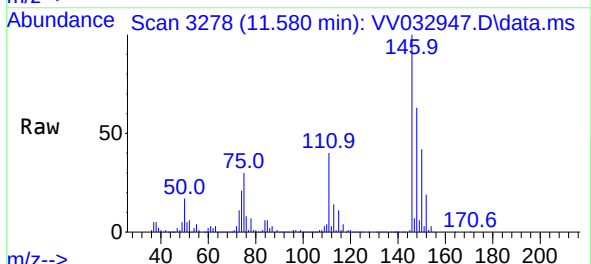
Tgt Ion:146 Resp: 319749
Ion Ratio Lower Upper
146 100
111 36.9 25.5 47.3
148 62.6 44.4 82.5

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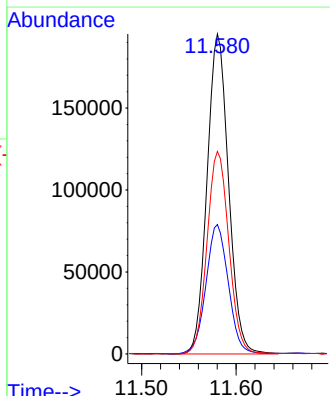
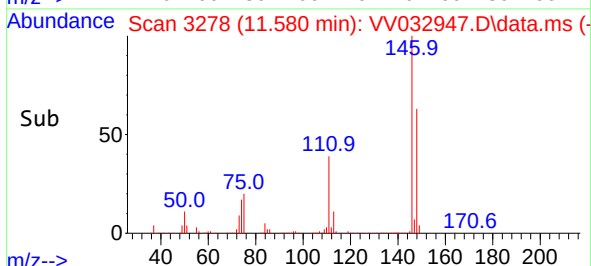
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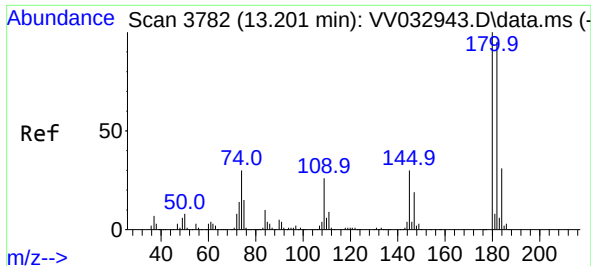


#67
1,2-Dichlorobenzene
Concen: 35.150 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.000 min
Lab File: VV032947.D
Acq: 13 Nov 2023 21:39



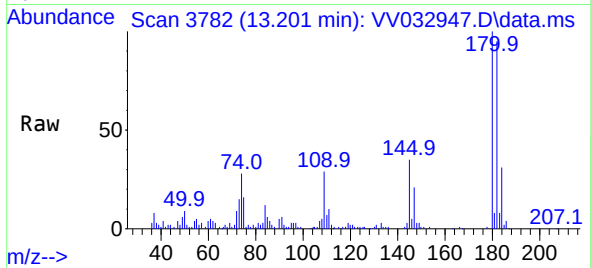
Tgt Ion:146 Resp: 307818
Ion Ratio Lower Upper
146 100
111 40.5 31.1 46.7
148 63.3 51.4 77.0





#70
1,2,4-trichlorobenzene
Concen: 7.350 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.000 min
Lab File: VV032947.D
Acq: 13 Nov 2023 21:39

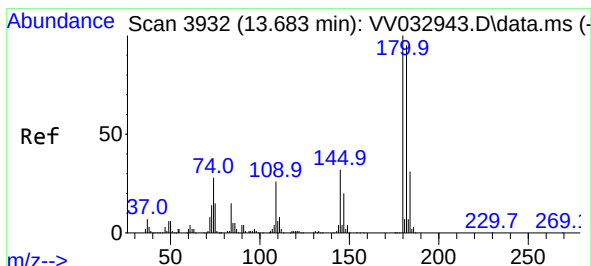
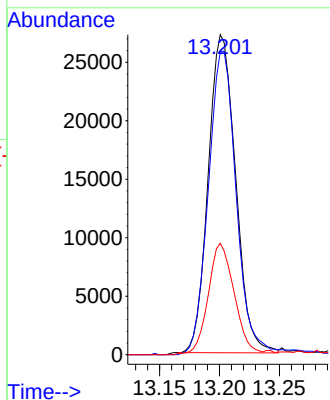
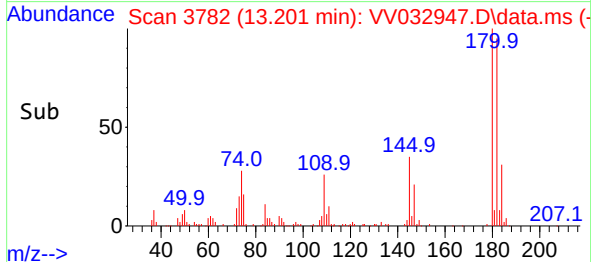
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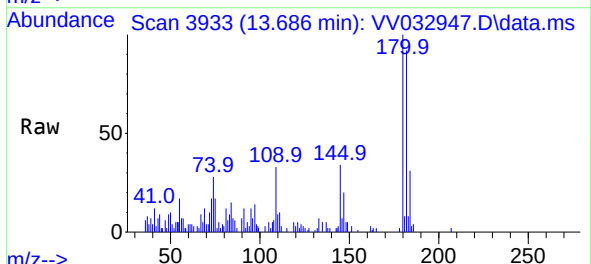
Tgt Ion:180 Resp: 4314
Ion Ratio Lower Upper
180 100
182 97.6 77.0 115.4
145 33.3 24.3 36.5

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#72
1,2,3-Trichlorobenzene
Concen: 1.986 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.003 min
Lab File: VV032947.D
Acq: 13 Nov 2023 21:39



Tgt Ion:180 Resp: 11729
Ion Ratio Lower Upper
180 100
182 91.5 76.9 115.3
145 39.5 26.1 39.1#

