

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035195.D
 Acq On : 20 Apr 2023 01:30
 Operator : JC/MD
 Sample : 02378-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK6

Manual Integrations
 APPROVED

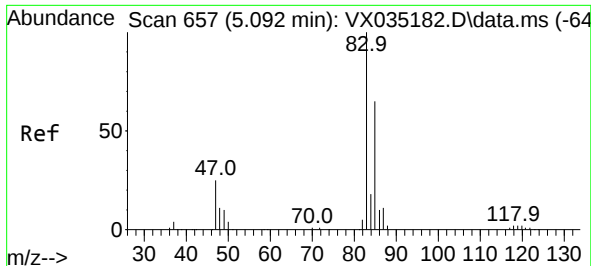
Reviewed By : John Carlone 04/20/2023
 Supervised By : Mahesh Dadoda 04/21/2023

Quant Time: Apr 20 05:10:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

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

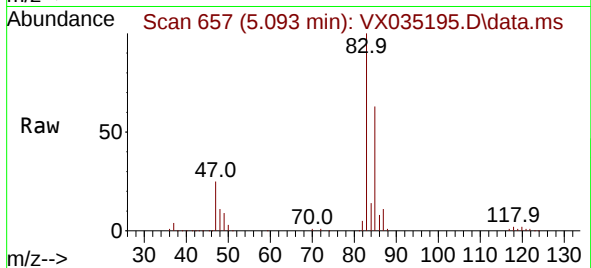
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	485510	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	432568	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	213887	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	119372	38.131	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.260%		
7) Chloroethane-d5	1.666	69	96902	42.837	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.680%		
11) 1,1-Dichloroethene-d2	2.307	65	62650	41.825	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.640%		
21) 2-Butanone-d5	4.453	46	205809	98.652	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.650%		
24) Chloroform-d	5.056	84	294855	50.014	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.020%		
26) 1,2-Dichloroethane-d4	5.958	65	183859	48.564	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.120%		
32) Benzene-d6	5.977	84	570378	45.902	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.800%		
36) 1,2-Dichloropropane-d6	7.306	67	177397	46.736	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.480%		
41) Toluene-d8	8.647	98	506504	44.600	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.200%		
43) trans-1,3-Dichloroprop...	8.952	79	69242	41.743	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.480%		
47) 2-Hexanone-d5	9.385	63	150018	98.421	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.420%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	224916	48.385	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.760%		
66) 1,2-Dichlorobenzene-d4	12.323	152	190592m	45.983	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.960%		
Target Compounds						Qvalue
25) Chloroform	5.093	83	576122	98.691	ug/L	97
31) Carbon tetrachloride	5.684	117	31838	7.401	ug/L	98
33) Benzene	6.050	78	19274137	1471.334	ug/L	100
38) Bromodichloromethane	7.824	83	3186	0.782	ug/L	87
51) Chlorobenzene	10.086	112	11760657m	1313.447	ug/L	
64) 1,3-Dichlorobenzene	11.969	146	1950841	294.109	ug/L	97
65) 1,4-Dichlorobenzene	12.049	146	7360920	1084.499	ug/L	90
67) 1,2-Dichlorobenzene	12.341	146	8516875	1266.332	ug/L	# 86
70) 1,2,4-trichlorobenzene	13.585	180	1128775	293.975	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	469134	123.763	ug/L	99

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



#25
Chloroform
Concen: 98.691 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX035195.D
Acq: 20 Apr 2023 01:30

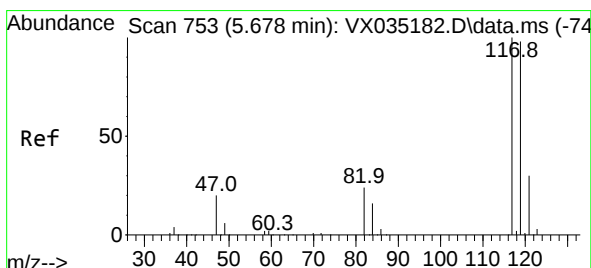
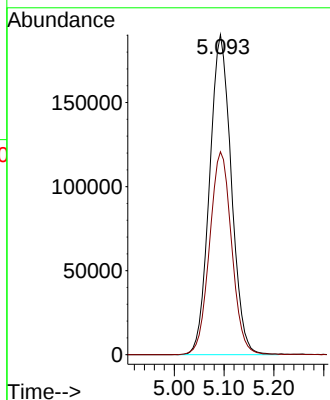
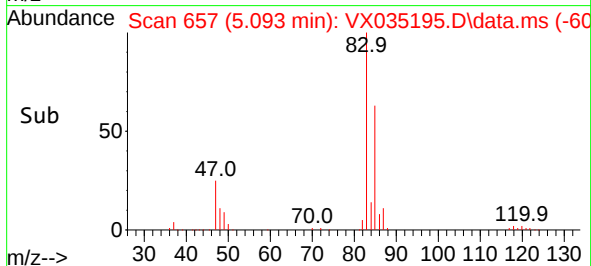
Instrument :
MSVOA_X
ClientSampleId :
COMK6



Tgt Ion: 83 Resp: 57612
Ion Ratio Lower Upper
83 100
85 63.4 46.0 85.4

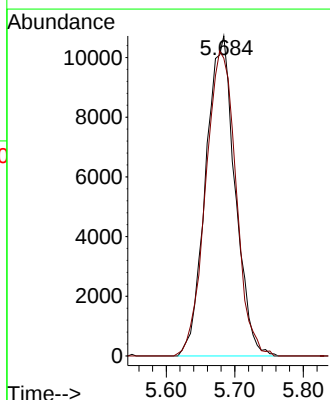
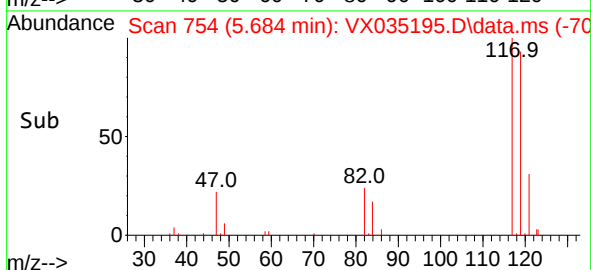
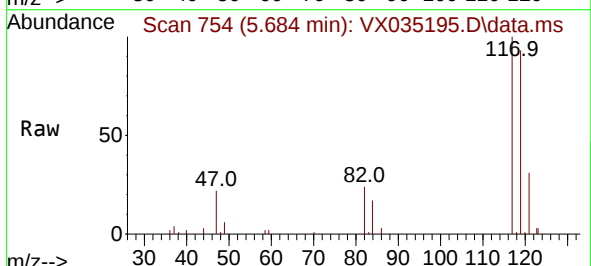
Manual Integrations
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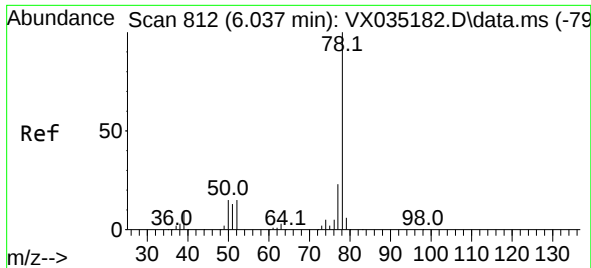
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/21/2023



#31
Carbon tetrachloride
Concen: 7.401 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX035195.D
Acq: 20 Apr 2023 01:30

Tgt Ion:117 Resp: 31838
Ion Ratio Lower Upper
117 100
119 98.5 77.1 115.7





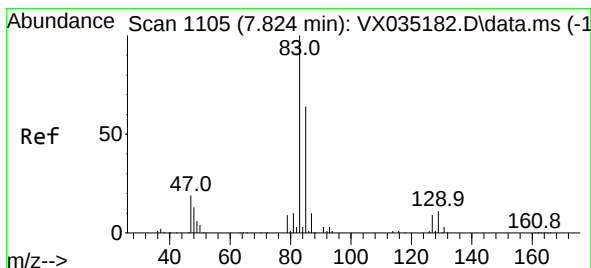
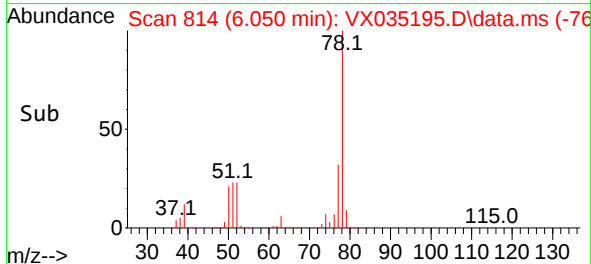
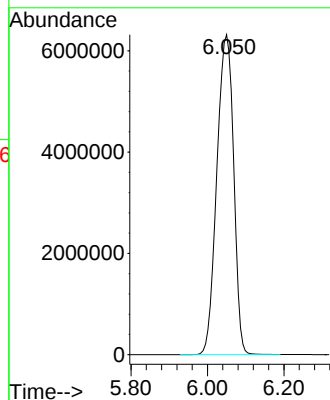
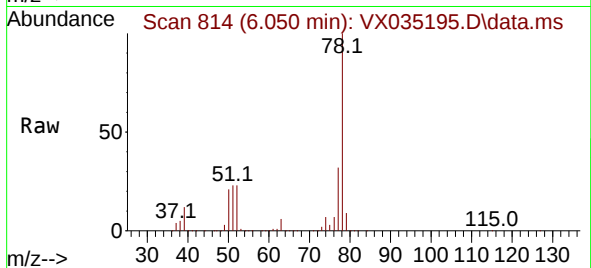
#33
Benzene
Concen: 1471.334 ug/L
RT: 6.050 min Scan# 812
Delta R.T. 0.012 min
Lab File: VX035195.D
Acq: 20 Apr 2023 01:30

Instrument :
MSVOA_X
ClientSampleId :
COMK6

Tgt Ion: 78 Resp:1927413

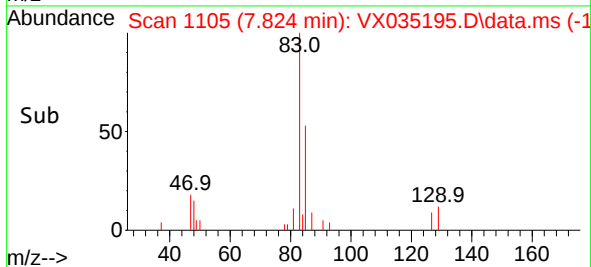
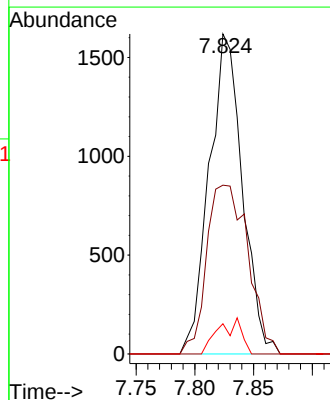
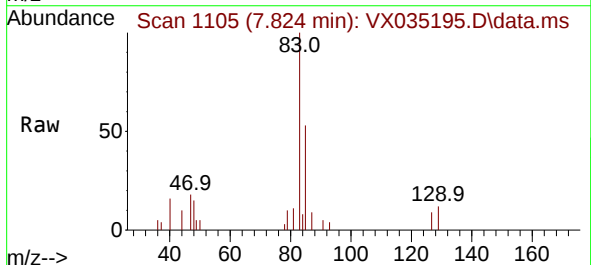
Manual Integrations
APPROVED

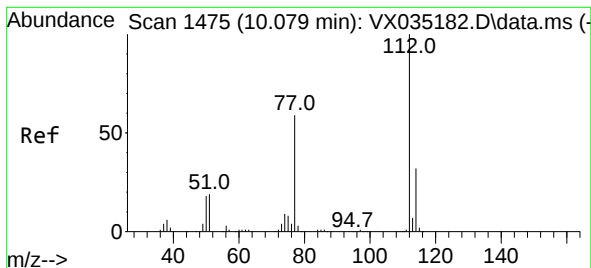
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/21/2023



#38
Bromodichloromethane
Concen: 0.782 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX035195.D
Acq: 20 Apr 2023 01:30

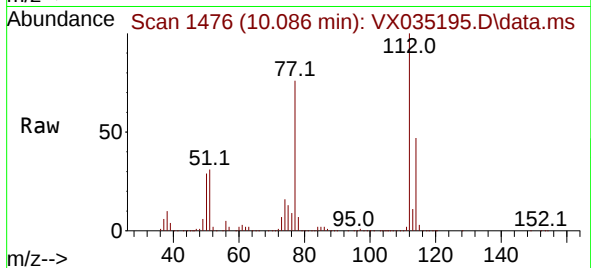
Tgt Ion: 83 Resp: 3186
Ion Ratio Lower Upper
83 100
85 52.7 44.7 82.9
127 9.5 6.9 10.3





#51
Chlorobenzene
Concen: 1313.447 ug/L m
RT: 10.086 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX035195.D
Acq: 20 Apr 2023 01:30

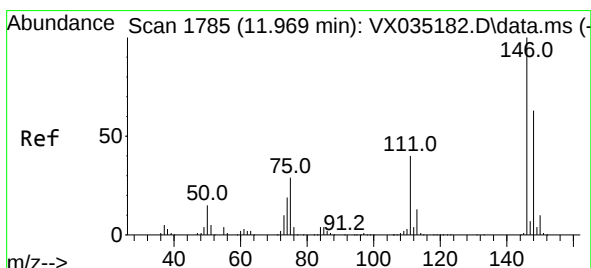
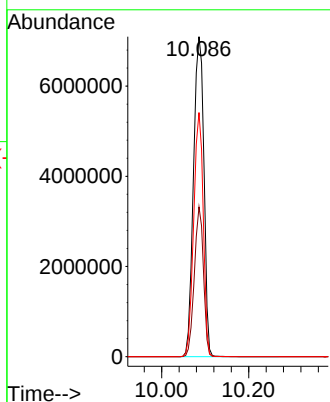
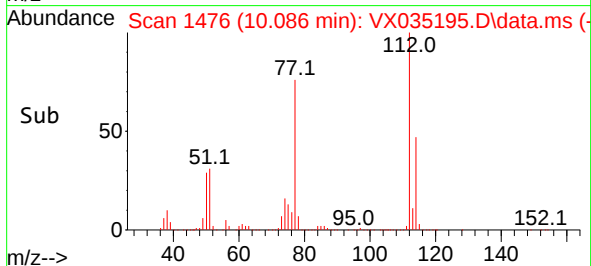
Instrument :
MSVOA_X
ClientSampleId :
COMK6



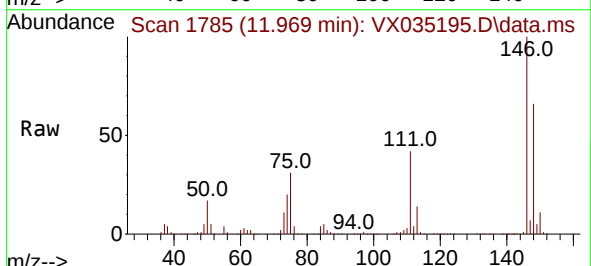
Tgt Ion:112 Resp:1176065
Ion Ratio Lower Upper
112 100
114 46.8 22.4 41.6
77 76.3 47.0 70.6

Manual Integrations
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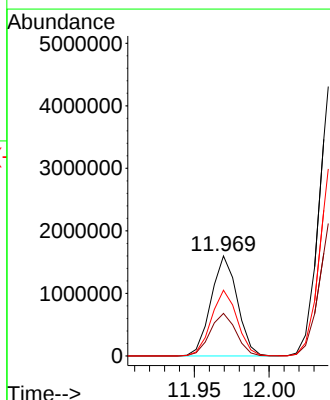
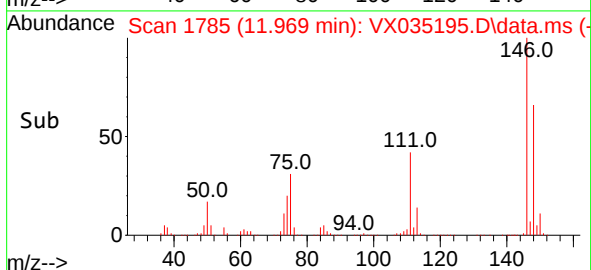
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/21/2023

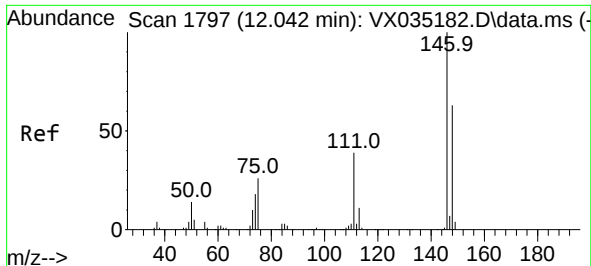


#64
1,3-Dichlorobenzene
Concen: 294.109 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035195.D
Acq: 20 Apr 2023 01:30



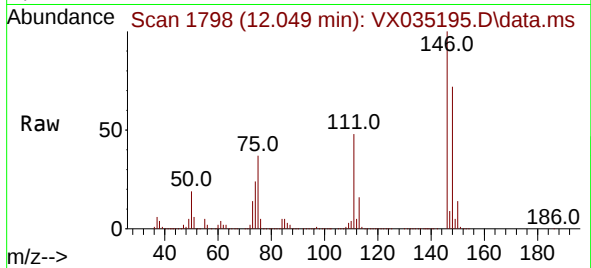
Tgt Ion:146 Resp: 1950841
Ion Ratio Lower Upper
146 100
111 42.5 28.9 53.7
148 65.7 44.3 82.3





#65
1,4-Dichlorobenzene
Concen: 1084.499 ug/L
RT: 12.049 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX035195.D
Acq: 20 Apr 2023 01:30

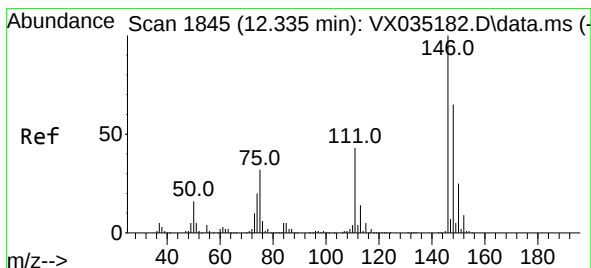
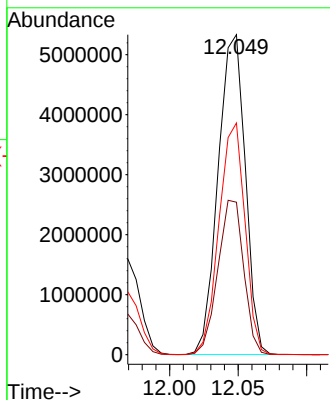
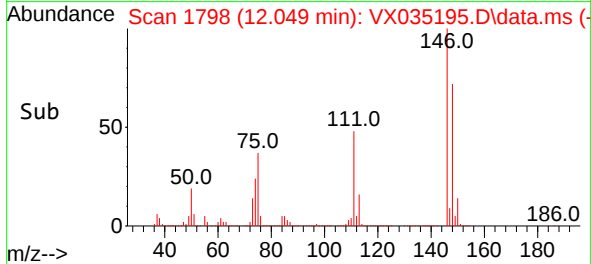
Instrument :
MSVOA_X
ClientSampleId :
COMK6



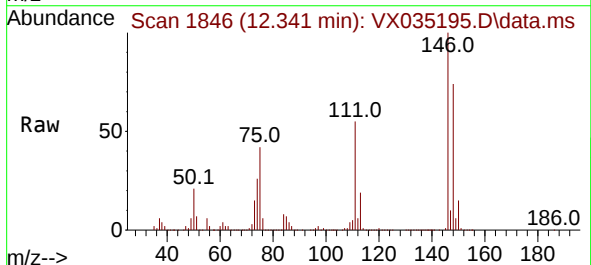
Tgt Ion:146 Resp: 7360920
Ion Ratio Lower Upper
146 100
111 47.7 27.9 51.7
148 72.4 45.9 85.3

Manual Integrations
APPROVED

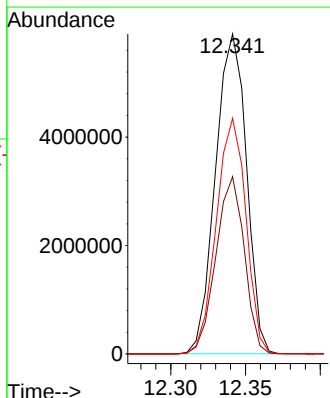
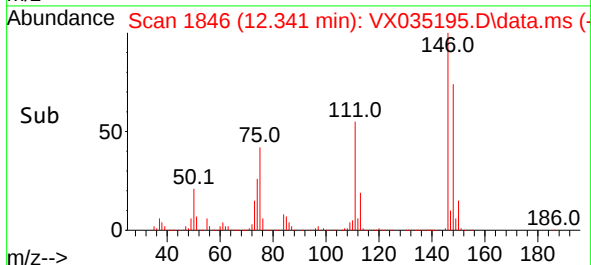
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/21/2023

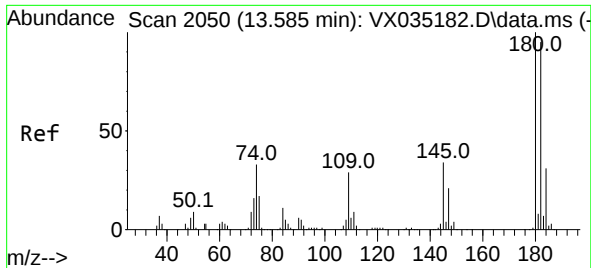


#67
1,2-Dichlorobenzene
Concen: 1266.332 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX035195.D
Acq: 20 Apr 2023 01:30



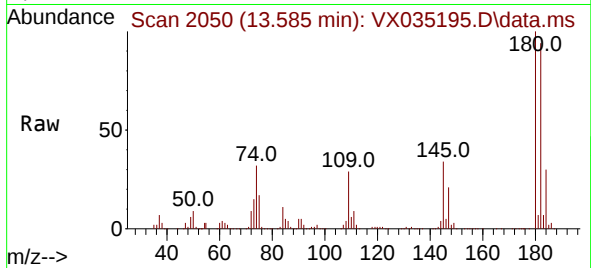
Tgt Ion:146 Resp: 8516875
Ion Ratio Lower Upper
146 100
111 55.4 34.7 52.1#
148 73.7 52.1 78.1





#70
1,2,4-trichlorobenzene
Concen: 293.975 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX035195.D
Acq: 20 Apr 2023 01:30

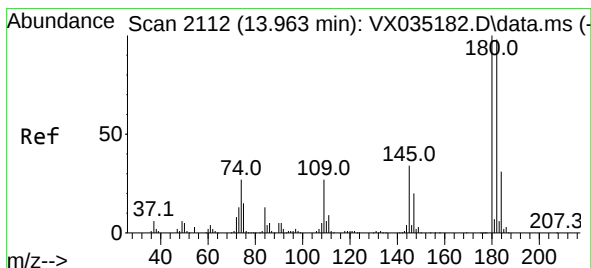
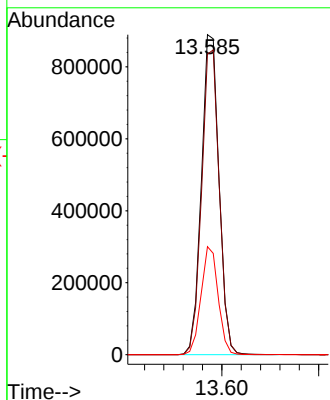
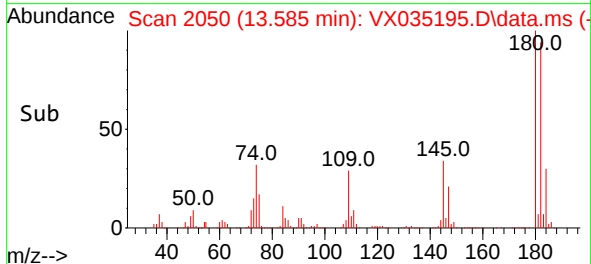
Instrument :
MSVOA_X
ClientSampleId :
COMK6



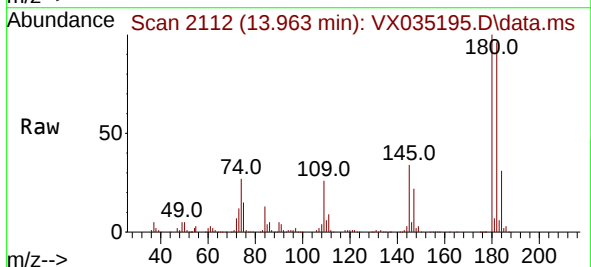
Tgt Ion:180 Resp: 112877
Ion Ratio Lower Upper
180 100
182 95.3 76.6 114.8
145 32.8 26.2 39.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/21/2023



#72
1,2,3-Trichlorobenzene
Concen: 123.763 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035195.D
Acq: 20 Apr 2023 01:30



Tgt Ion:180 Resp: 469134
Ion Ratio Lower Upper
180 100
182 94.9 75.0 112.6
145 34.6 27.1 40.7

