

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033281.D
 Acq On : 13 Dec 2023 17:10
 Operator : SY/MD
 Sample : 05731-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y53

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

Quant Time: Dec 13 23:33:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 23:30:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.567	114	158428	5.000	ug/L	0.04
28) Chlorobenzene-d5	8.818	117	120106	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.197	152	66659	5.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	36273	3.571	ug/L	0.04
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.400%	
7) Chloroethane-d5	1.590	69	27836	3.685	ug/L	0.06
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.800%	
11) 1,1-Dichloroethene-d2	2.134	65	15034	3.719	ug/L	0.08
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.400%	
20) 2-Butanone-d5	4.011	46	34089m	28.363	ug/L	0.18
Spiked Amount	50.000	Range 40 - 130	Recovery	=	56.720%	
24) Chloroform-d	4.359	84	73743	3.481	ug/L	0.11
Spiked Amount	5.000	Range 70 - 125	Recovery	=	69.600%#	
26) 1,2-Dichloroethane-d4	5.018	65	42122	4.576	ug/L	0.07
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
32) Benzene-d6	5.021	84	164781	5.304	ug/L	0.06
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.000%	
36) 1,2-Dichloropropane-d6	6.056	67	33081	4.678	ug/L	0.07
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	7.313	98	127246	4.203	ug/L	0.07
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
43) trans-1,3-Dichloroprop...	7.616	79	12276	3.805	ug/L	0.06
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.200%	
46) 2-Hexanone-d5	8.088	63	39599m	43.966	ug/L	0.06
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.940%	
56) 1,1,2,2-Tetrachloroeth...	10.172	84	20378	4.261	ug/L	0.02
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.200%	
66) 1,2-Dichlorobenzene-d4	11.570	152	55535	4.730	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.600%	
Target Compounds						
5) Vinyl chloride	1.320	62	10295	0.900	ug/L	94
18) trans-1,2-Dichloroethene	2.786	96	1516	0.138	ug/L	80
22) cis-1,2-Dichloroethene	3.928	96	35670	3.144	ug/L	93
33) Benzene	5.066	78	32702	1.016	ug/L	100
42) Toluene	7.387	91	17350	0.471	ug/L	94
51) Chlorobenzene	8.850	112	68796	2.725	ug/L	99
65) 1,4-Dichlorobenzene	11.220	146	3774	0.169	ug/L	95
67) 1,2-Dichlorobenzene	11.583	146	1373	0.071	ug/L #	62

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

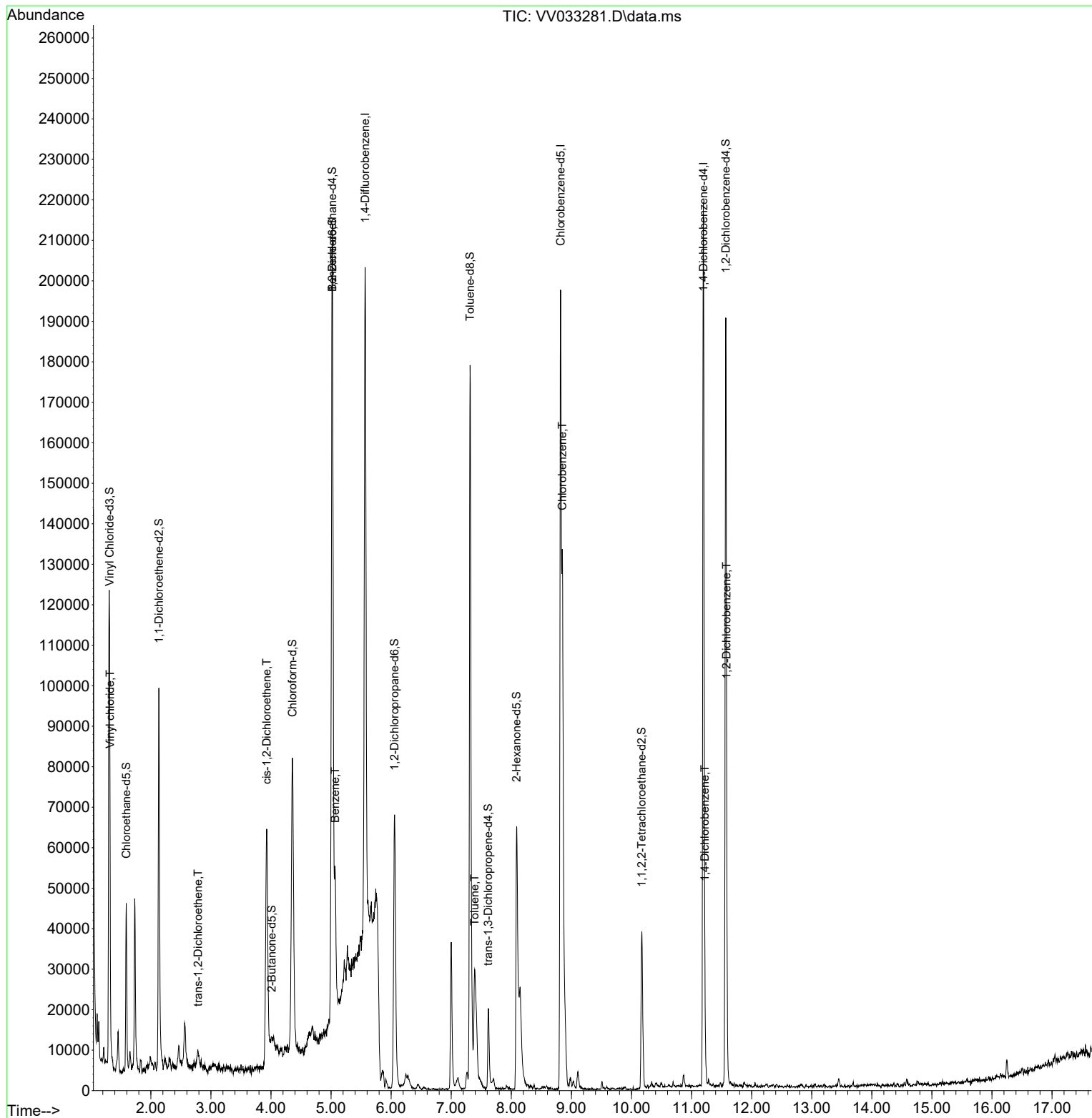
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033281.D
Acq On : 13 Dec 2023 17:10
Operator : SY/MD
Sample : 05731-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

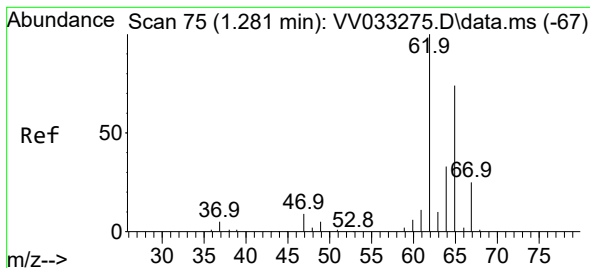
Instrument :
MSVOA_V
ClientSampleId :
E0Y53

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023

Quant Time: Dec 13 23:33:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 23:30:39 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.900 ug/L

RT: 1.320 min Scan# 81

Delta R.T. 0.039 min

Lab File: VV033281.D

Acq: 13 Dec 2023 17:10

Instrument :

MSVOA_V

ClientSampleId :

E0Y53

Tgt Ion: 62 Resp: 1029

Ion Ratio Lower Upper

62 100

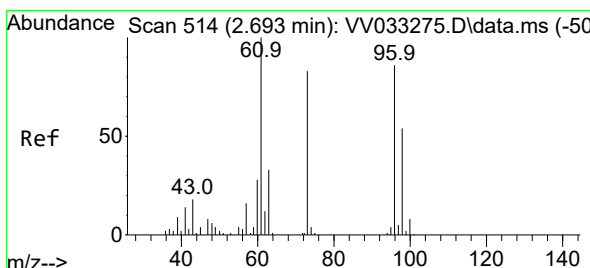
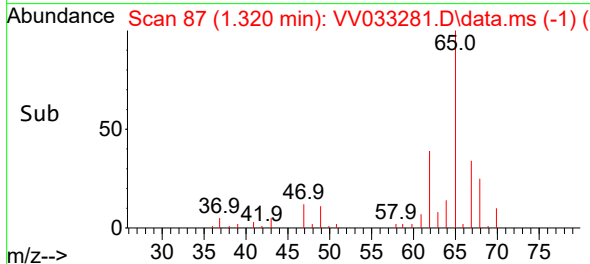
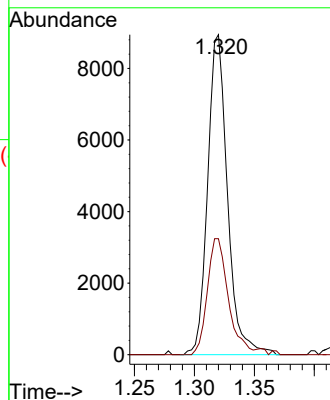
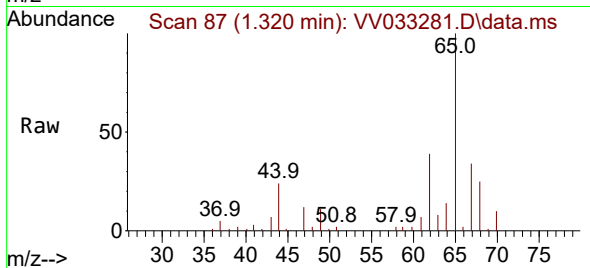
64 36.3 23.0 42.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023

Supervised By :Mahesh Dadoda 12/18/2023



#18

trans-1,2-Dichloroethene

Concen: 0.138 ug/L

RT: 2.786 min Scan# 543

Delta R.T. 0.093 min

Lab File: VV033281.D

Acq: 13 Dec 2023 17:10

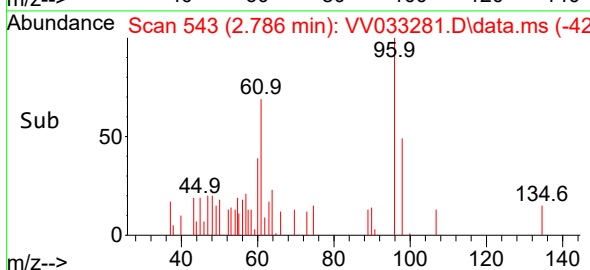
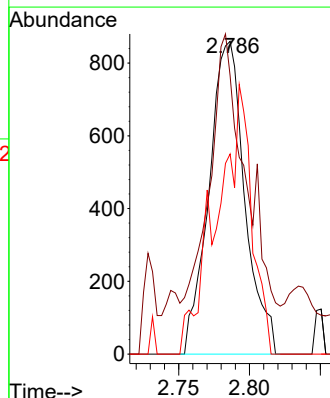
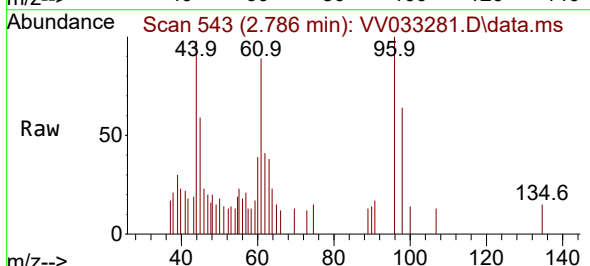
Tgt Ion: 96 Resp: 1516

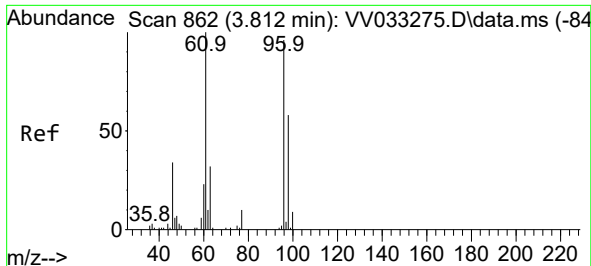
Ion Ratio Lower Upper

96 100

61 89.0 84.6 157.2

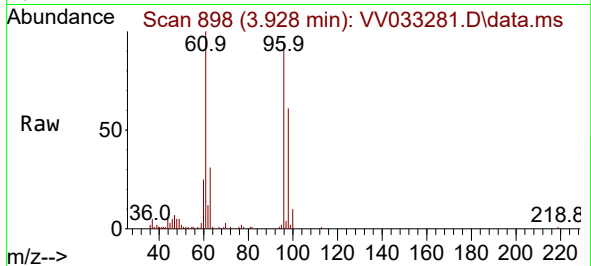
98 64.0 46.7 86.7





#22
cis-1,2-Dichloroethene
Concen: 3.144 ug/L
RT: 3.928 min Scan# 898
Delta R.T. 0.116 min
Lab File: VV033281.D
Acq: 13 Dec 2023 17:10

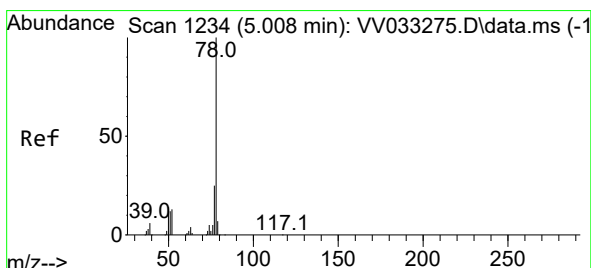
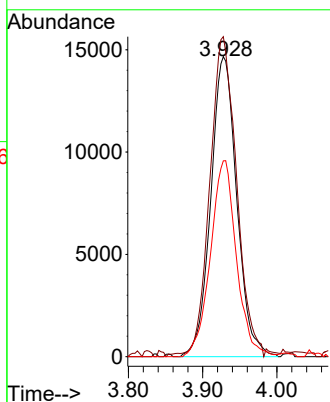
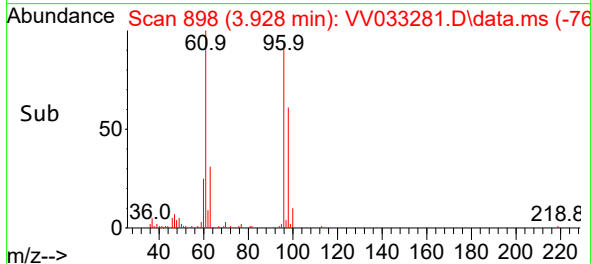
Instrument :
MSVOA_V
ClientSampleId :
E0Y53



Tgt Ion: 96 Resp: 35670
Ion Ratio Lower Upper
96 100
61 106.7 69.9 129.9
98 65.3 42.4 78.8

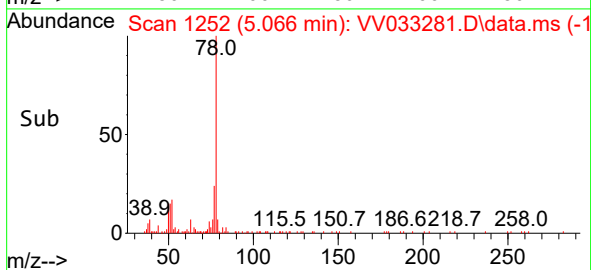
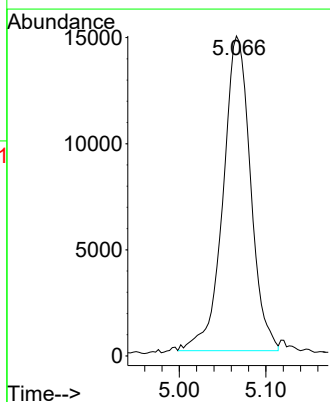
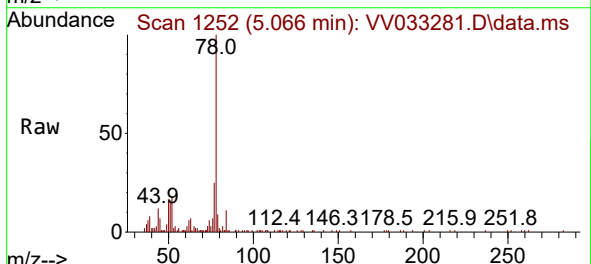
Manual Integrations
APPROVED

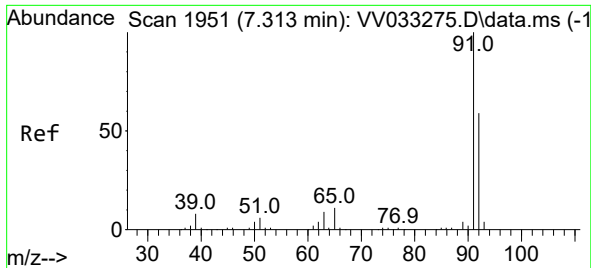
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#33
Benzene
Concen: 1.016 ug/L
RT: 5.066 min Scan# 1252
Delta R.T. 0.058 min
Lab File: VV033281.D
Acq: 13 Dec 2023 17:10

Tgt Ion: 78 Resp: 32702





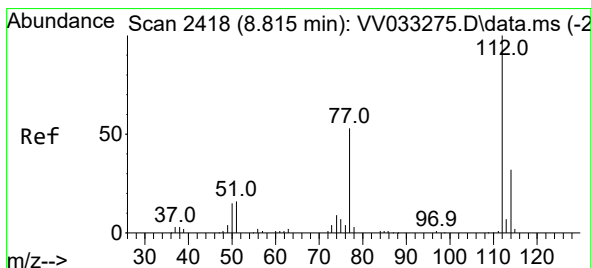
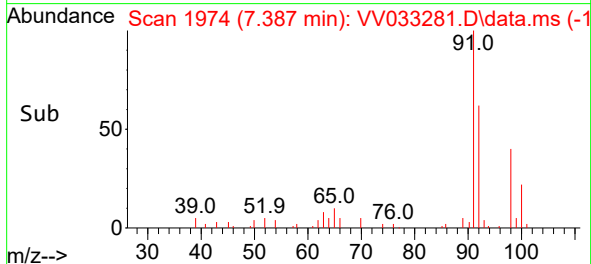
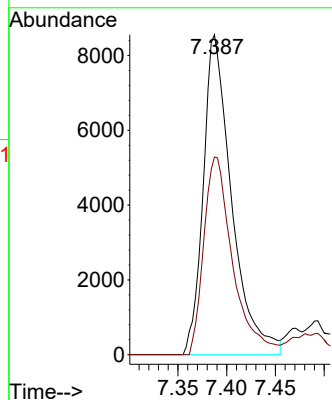
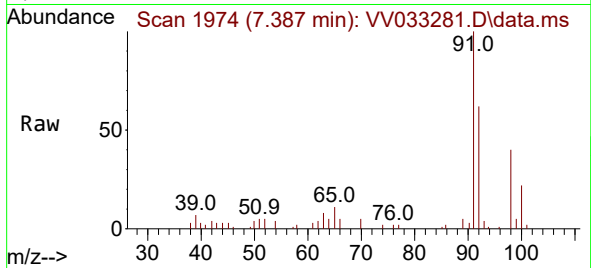
#42
Toluene
Concen: 0.471 ug/L
RT: 7.387 min Scan# 1951
Delta R.T. 0.074 min
Lab File: VV033281.D
Acq: 13 Dec 2023 17:10

Instrument :
MSVOA_V
ClientSampleId :
E0Y53

Tgt Ion: 91 Resp: 17350
Ion Ratio Lower Upper
91 100
92 61.7 40.2 74.6

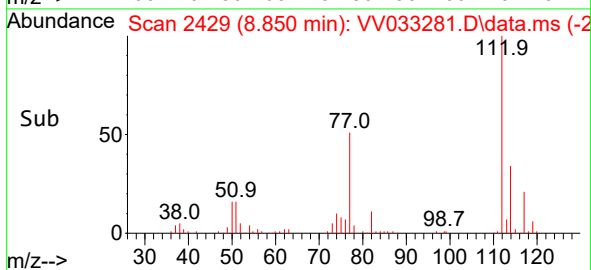
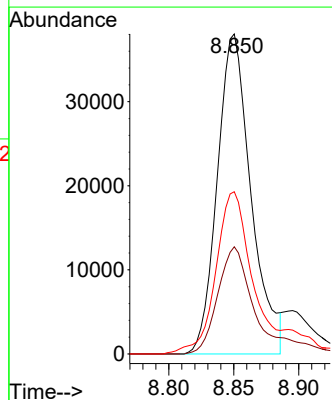
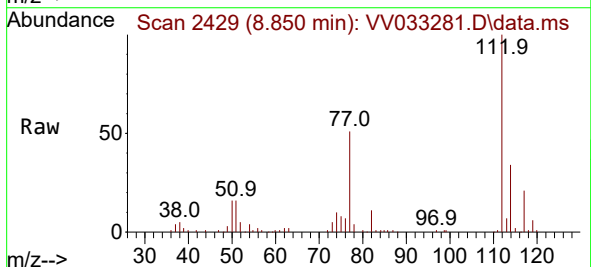
Manual Integrations
APPROVED

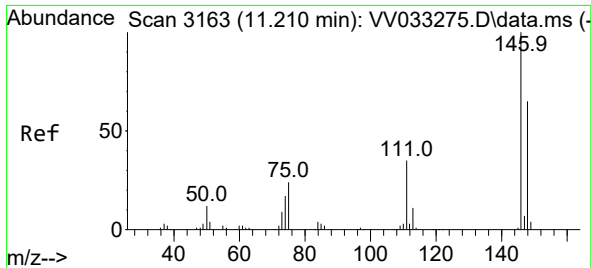
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#51
Chlorobenzene
Concen: 2.725 ug/L
RT: 8.850 min Scan# 2429
Delta R.T. 0.035 min
Lab File: VV033281.D
Acq: 13 Dec 2023 17:10

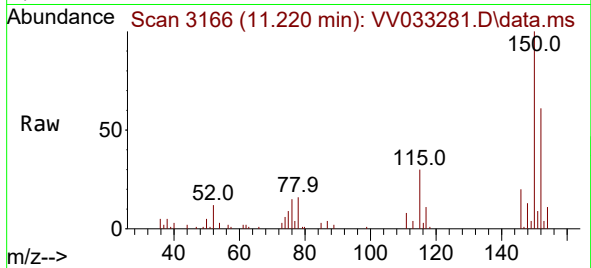
Tgt Ion:112 Resp: 68796
Ion Ratio Lower Upper
112 100
114 33.5 22.8 42.4
77 50.7 41.3 61.9





#65
1,4-Dichlorobenzene
Concen: 0.169 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.010 min
Lab File: VV033281.D
Acq: 13 Dec 2023 17:10

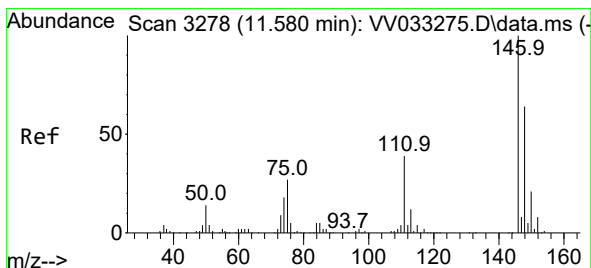
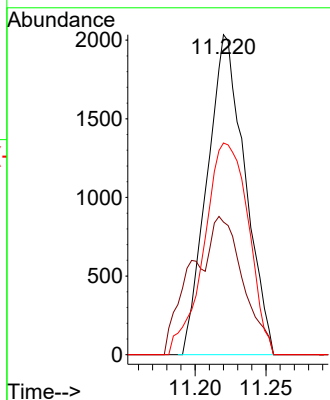
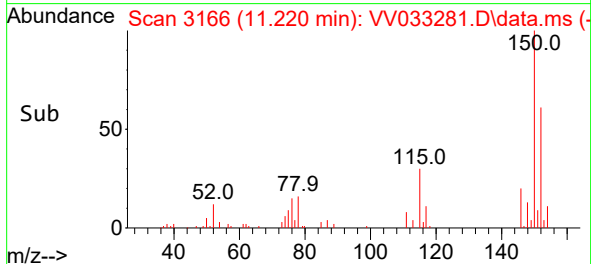
Instrument :
MSVOA_V
ClientSampleId :
E0Y53



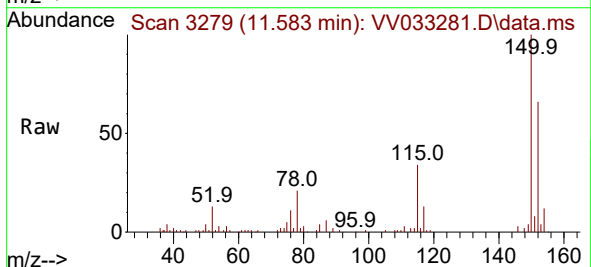
Tgt Ion:146 Resp: 3774
Ion Ratio Lower Upper
146 100
111 41.5 25.6 47.4
148 66.1 44.7 82.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#67
1,2-Dichlorobenzene
Concen: 0.071 ug/L
RT: 11.583 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VV033281.D
Acq: 13 Dec 2023 17:10



Tgt Ion:146 Resp: 1373
Ion Ratio Lower Upper
146 100
111 84.2 31.0 46.4#
148 79.1 52.6 79.0#

