

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
 Data File : VX041347.D
 Acq On : 02 May 2024 12:41
 Operator : JC/MD
 Sample : P2264-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-042424

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024

Quant Time: May 03 01:36:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	176677	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	246524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88082	45.796	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.600%		
35) Dibromofluoromethane	5.385	113	72433	43.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.720%		
50) Toluene-d8	8.647	98	273775	51.776	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.560%		
62) 4-Bromofluorobenzene	11.079	95	96478	47.134	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.260%		
Target Compounds						
						Qvalue
16) Acetone	2.392	43	19407	19.304	ug/l	100
18) Methyl Acetate	2.715	43	2739	1.392	ug/l	92
25) 2-Butanone	4.587	43	9289	7.462	ug/l	95
31) Cyclohexane	5.464	56	2496	1.075	ug/l	94
39) Methylcyclohexane	7.379	83	8546	3.641	ug/l #	93
40) Benzene	6.038	78	3540	0.575	ug/l	98
73) Isopropylbenzene	10.963	105	79221	9.470	ug/l	97
78) n-propylbenzene	11.305	91	306052	34.835	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	3819m	0.560	ug/l	
83) tert-Butylbenzene	11.713	119	16228	2.222	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	14935	2.177	ug/l	90
85) sec-Butylbenzene	11.890	105	160435	19.171	ug/l	99
89) n-Butylbenzene	12.329	91	130856	21.652	ug/l #	81

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

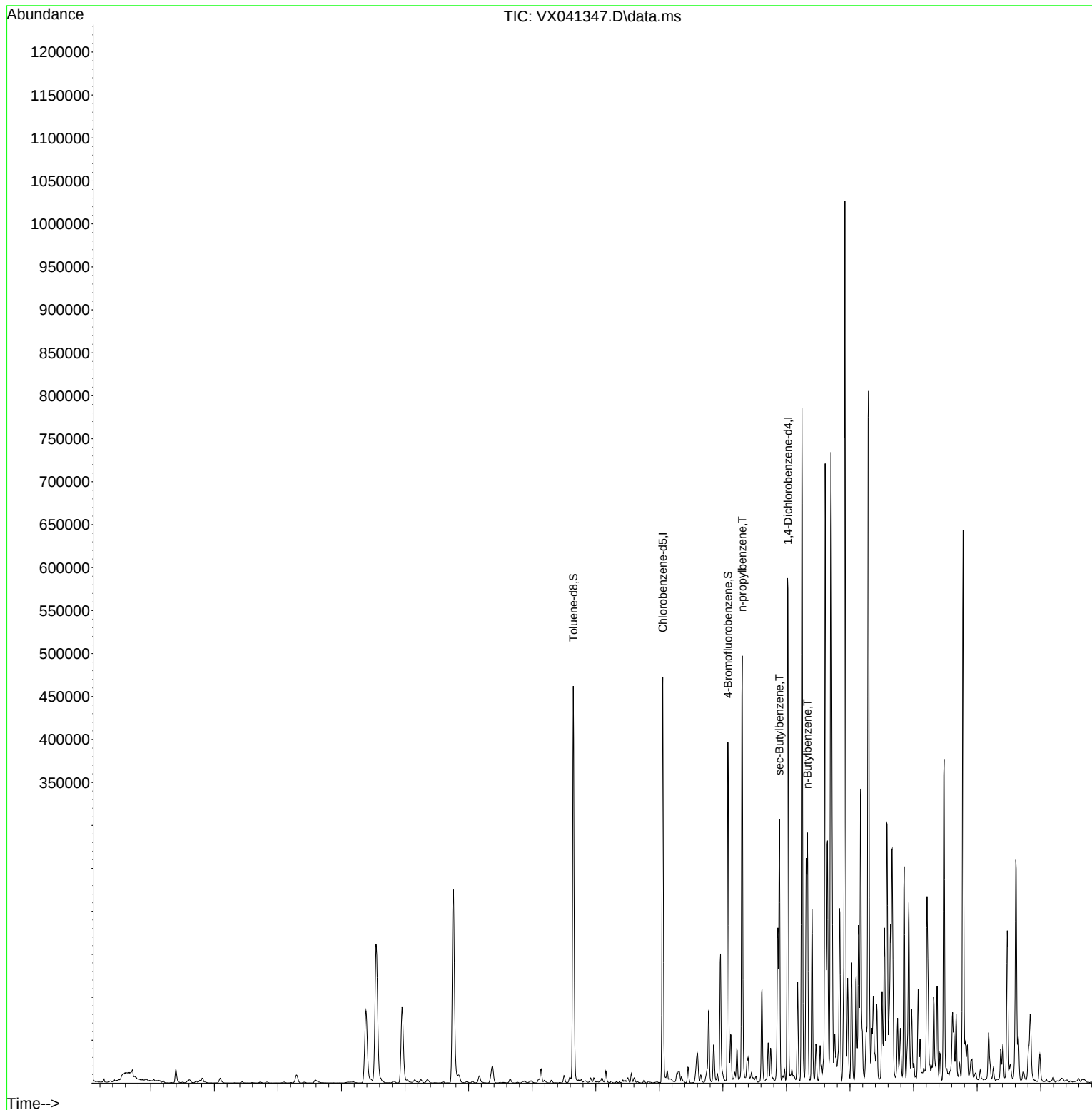
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
Data File : VX041347.D
Acq On : 02 May 2024 12:41
Operator : JC/MD
Sample : P2264-19
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

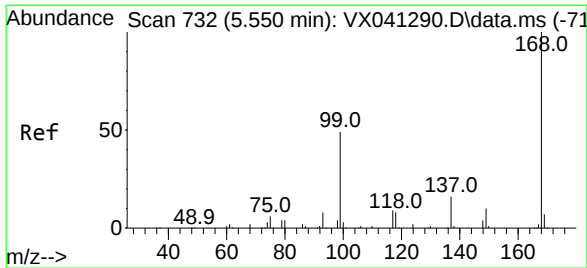
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-042424

Quant Time: May 03 01:36:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

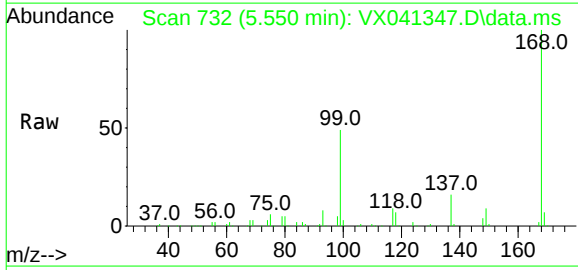
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041347.D
Acq: 02 May 2024 12:41

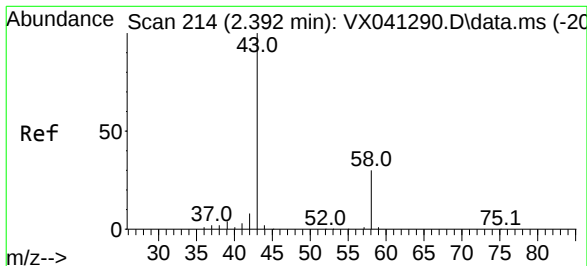
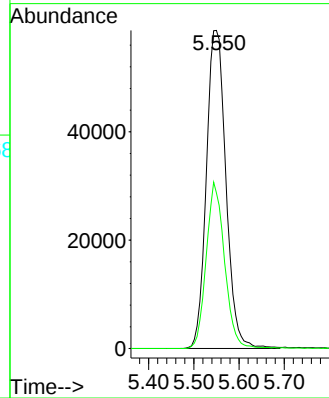
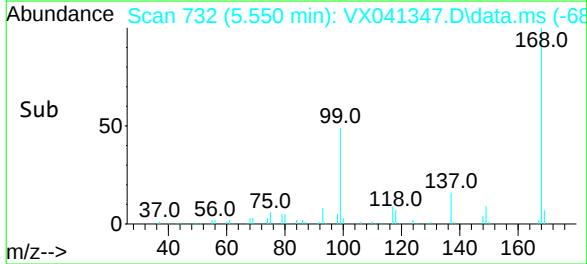
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-042424



Tgt Ion:168 Resp: 176677
Ion Ratio Lower Upper
168 100
99 49.0 56.6 85.0#

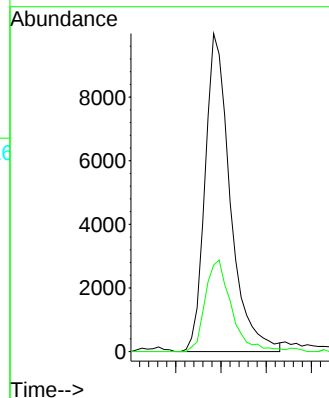
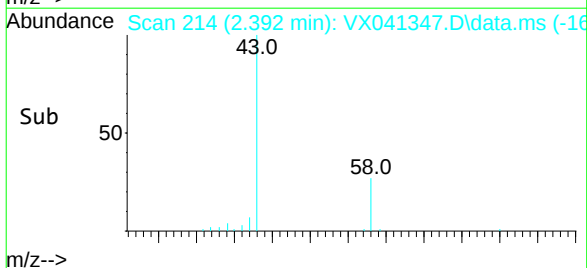
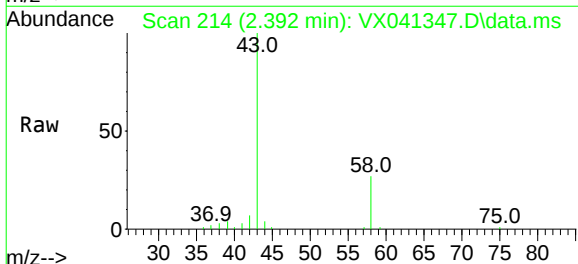
Manual Integrations
APPROVED

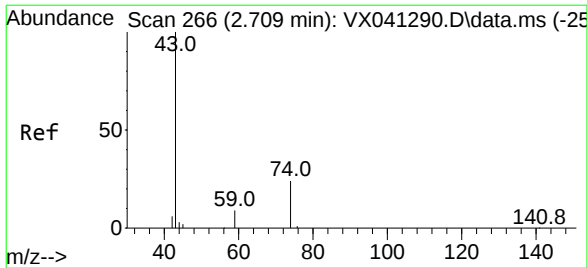
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#16
Acetone
Concen: 19.304 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041347.D
Acq: 02 May 2024 12:41

Tgt Ion: 43 Resp: 19407
Ion Ratio Lower Upper
43 100
58 27.2 21.9 32.9





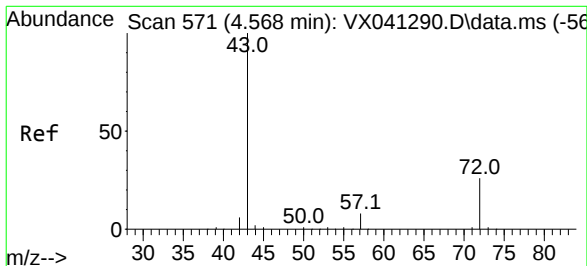
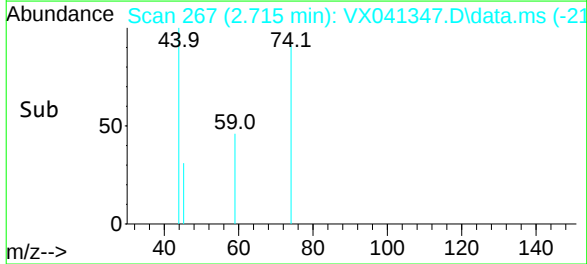
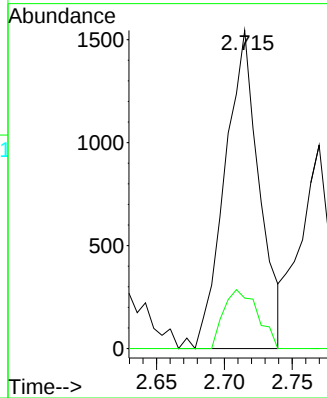
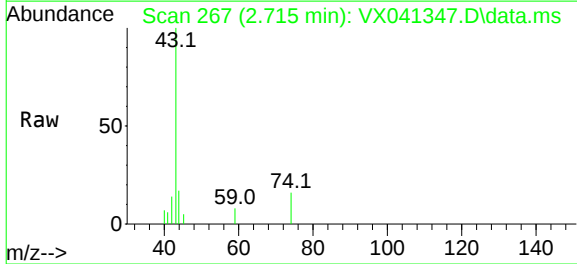
#18
Methyl Acetate
Concen: 1.392 ug/l
RT: 2.715 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX041347.D
Acq: 02 May 2024 12:41

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-042424

Tgt Ion: 43 Resp: 2739
Ion Ratio Lower Upper
43 100
74 18.3 17.8 26.8

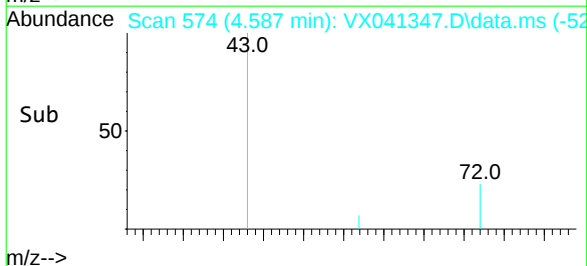
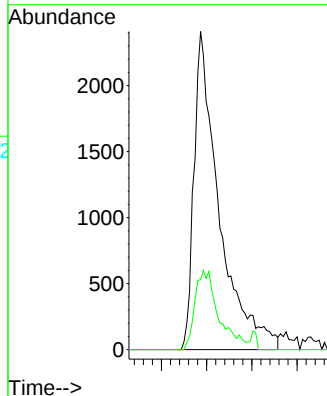
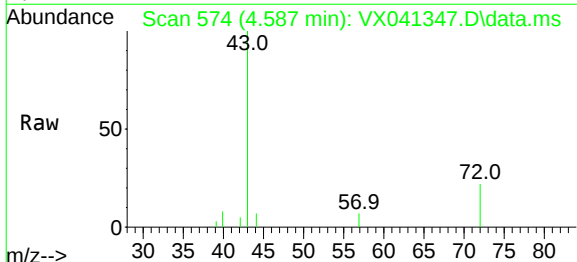
Manual Integrations
APPROVED

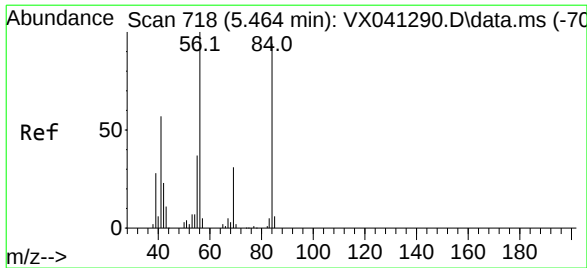
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#25
2-Butanone
Concen: 7.462 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX041347.D
Acq: 02 May 2024 12:41

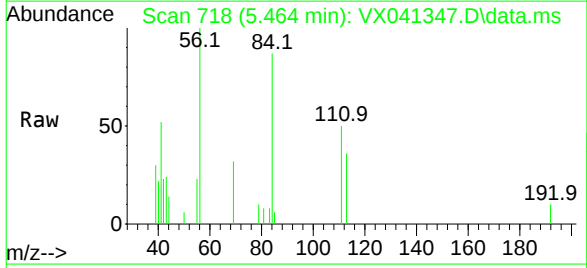
Tgt Ion: 43 Resp: 9289
Ion Ratio Lower Upper
43 100
72 22.0 19.4 29.2





#31
Cyclohexane
Concen: 1.075 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX041347.D
Acq: 02 May 2024 12:41

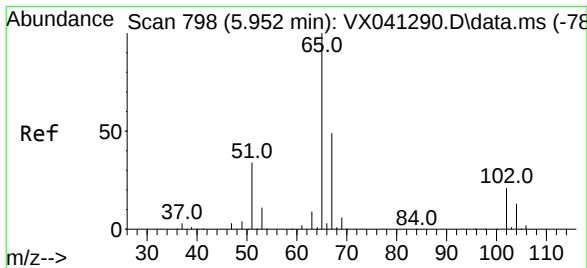
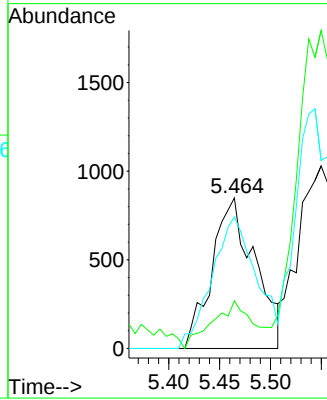
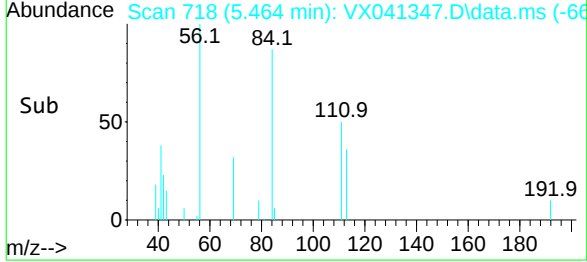
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-042424



Tgt Ion:	56	Resp:	2496
Ion Ratio	Lower	Upper	
56	100		
69	25.2	23.4	35.2
84	87.4	65.9	98.9

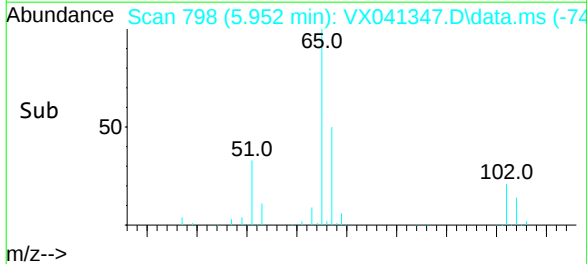
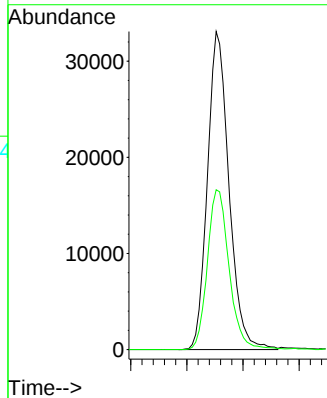
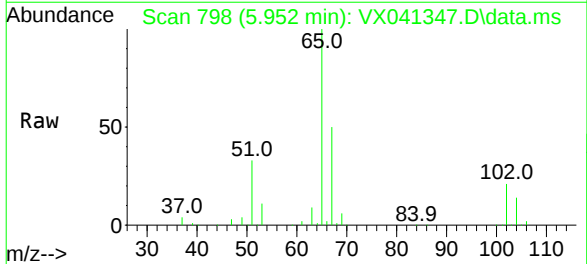
Manual Integrations
APPROVED

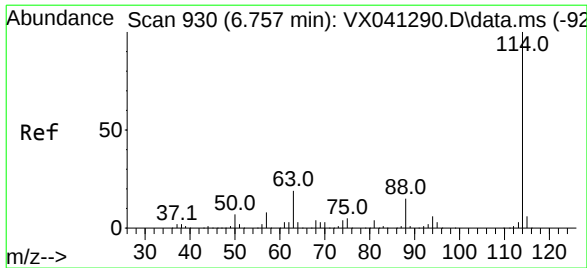
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#33
1,2-Dichloroethane-d4
Concen: 45.796 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041347.D
Acq: 02 May 2024 12:41

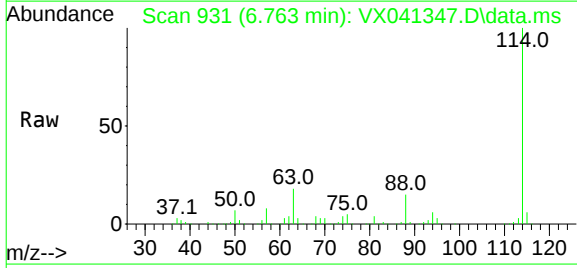
Tgt Ion:	65	Resp:	88082
Ion Ratio	Lower	Upper	
65	100		
67	50.8	0.0	100.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX041347.D
Acq: 02 May 2024 12:41

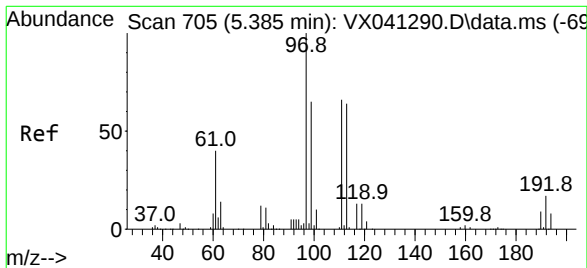
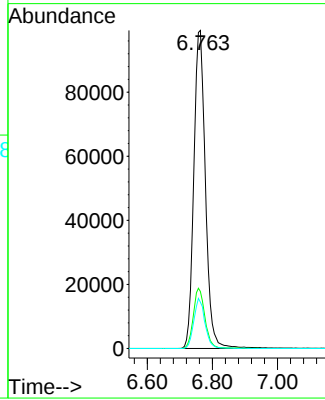
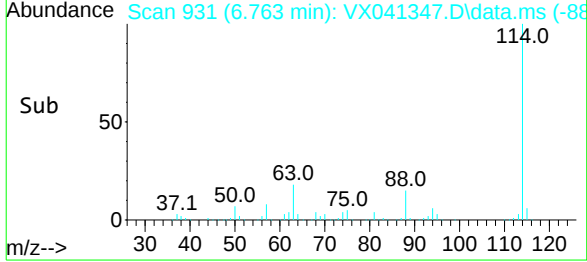
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-042424



Tgt Ion:114 Resp: 246524
Ion Ratio Lower Upper
114 100
63 17.9 0.0 45.0
88 14.6 0.0 36.6

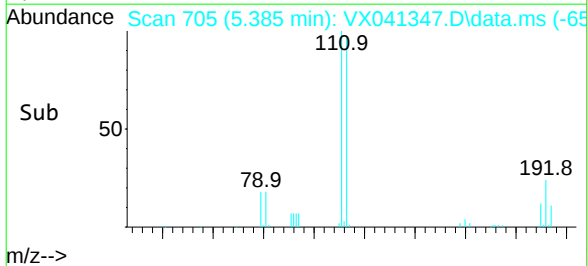
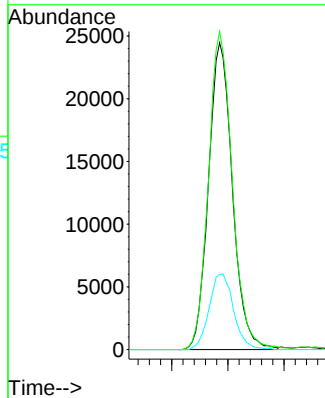
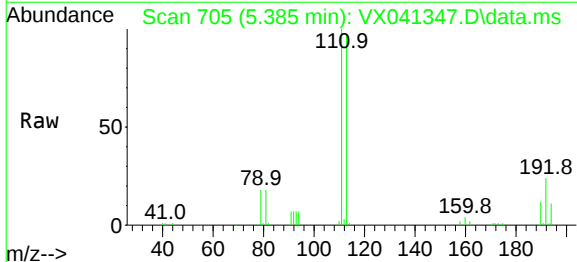
Manual Integrations
APPROVED

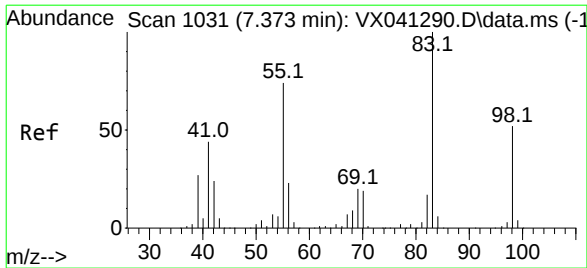
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#35
Dibromofluoromethane
Concen: 43.357 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041347.D
Acq: 02 May 2024 12:41

Tgt Ion:113 Resp: 72433
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 25.2 13.3 19.9#





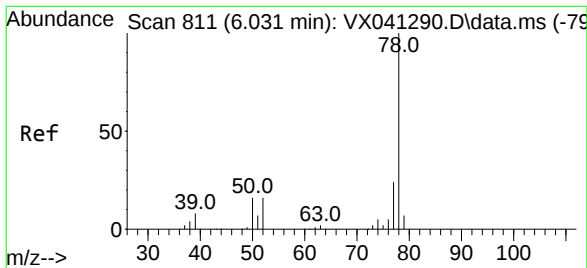
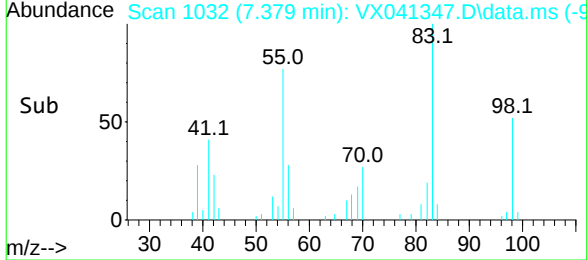
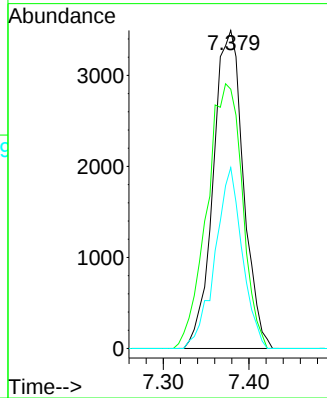
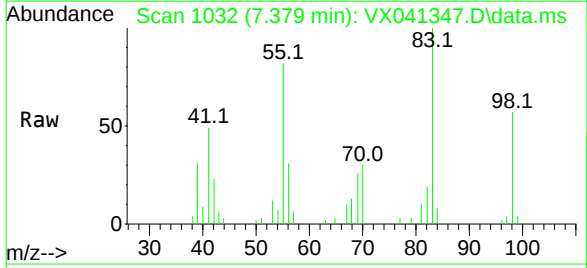
#39
Methylcyclohexane
Concen: 3.641 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX041347.D
Acq: 02 May 2024 12:41

Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-042424

Tgt Ion:	83	Resp:	8546
Ion	Ratio	Lower	Upper
83	100		
55	81.5	64.6	97.0
98	56.9	36.7	55.1#

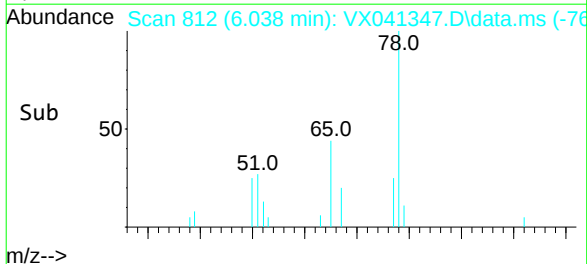
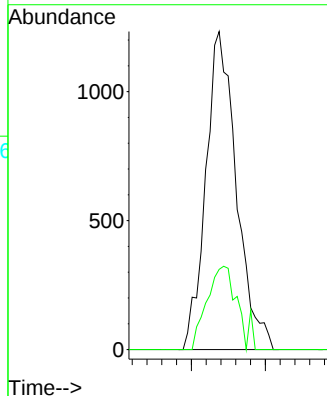
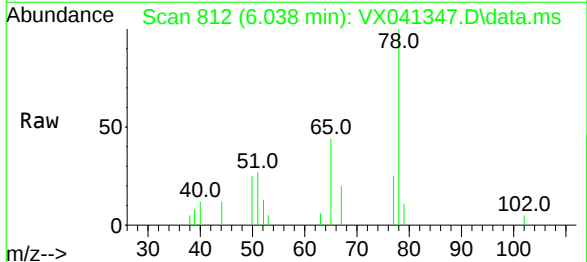
Manual Integrations
APPROVED

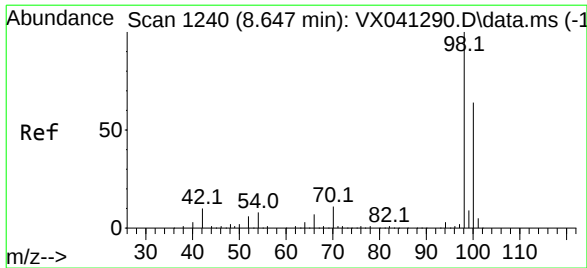
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#40
Benzene
Concen: 0.575 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041347.D
Acq: 02 May 2024 12:41

Tgt Ion:	78	Resp:	3540
Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.3	28.9





#50

Toluene-d8

Concen: 51.776 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041347.D

Acq: 02 May 2024 12:41

Instrument :

MSVOA_X

ClientSampleId :

T3-MW-3-9.0-042424

Tgt Ion: 98 Resp: 273775

Ion Ratio Lower Upper

98 100

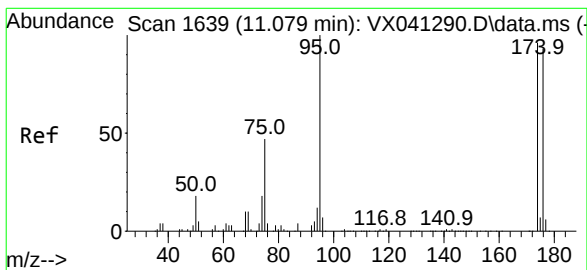
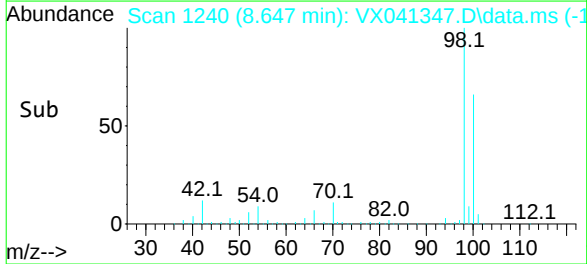
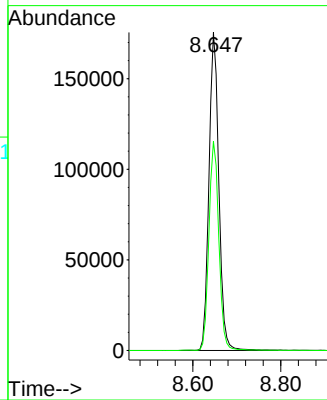
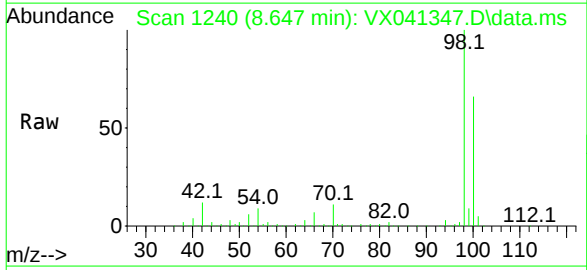
100 66.2 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/03/2024

Supervised By :Semsettin Yesilyurt 05/03/2024



#62

4-Bromofluorobenzene

Concen: 47.134 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041347.D

Acq: 02 May 2024 12:41

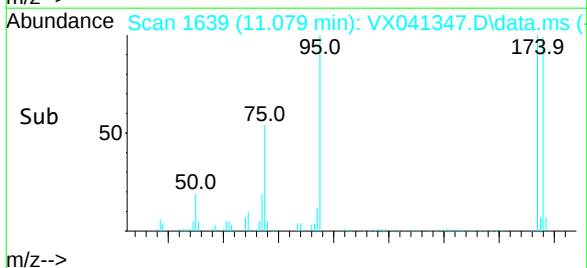
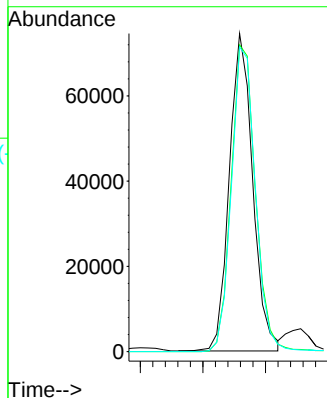
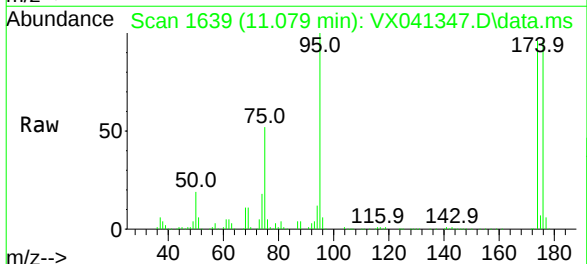
Tgt Ion: 95 Resp: 96478

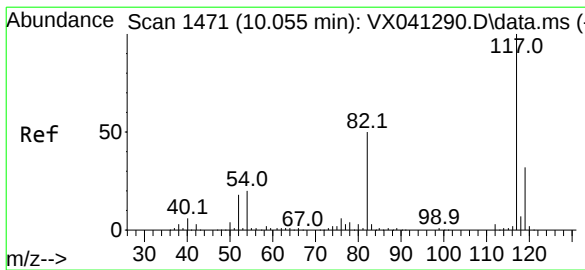
Ion Ratio Lower Upper

95 100

174 100.6 0.0 135.6

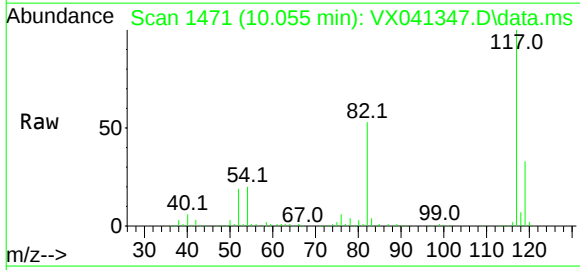
176 98.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041347.D
Acq: 02 May 2024 12:41

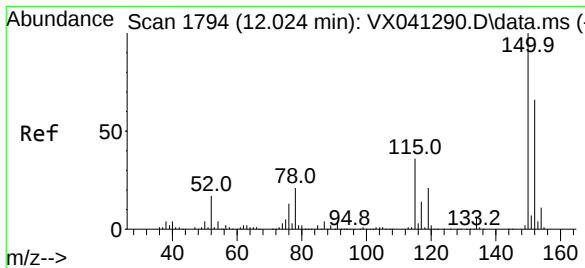
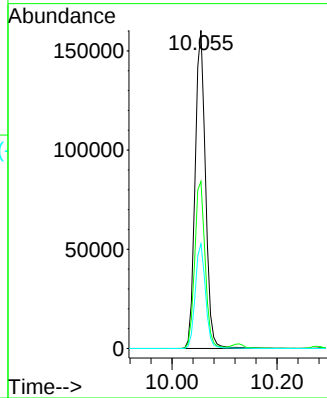
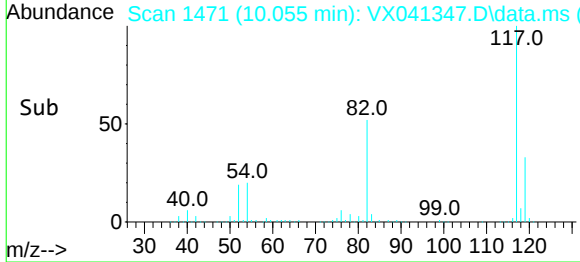
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-042424



Tgt Ion:117 Resp: 220452
Ion Ratio Lower Upper
117 100
82 52.5 46.2 69.4
119 32.9 25.5 38.3

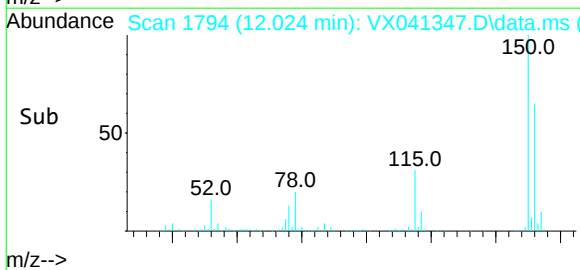
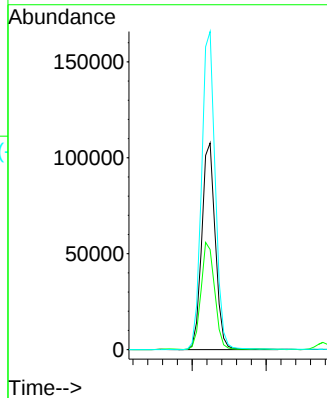
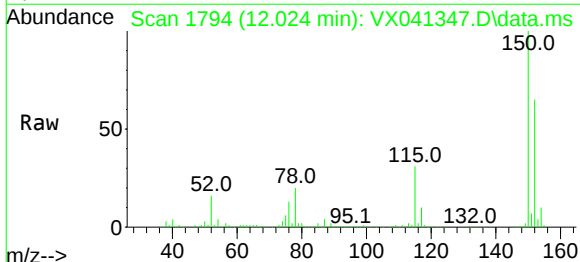
Manual Integrations
APPROVED

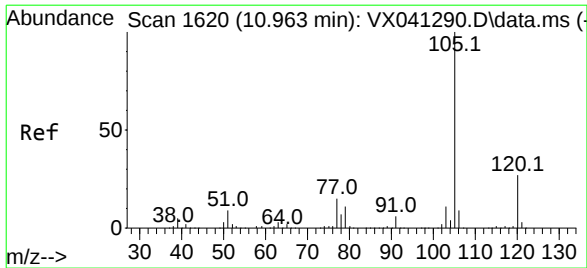
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX041347.D
Acq: 02 May 2024 12:41

Tgt Ion:152 Resp: 137040
Ion Ratio Lower Upper
152 100
115 52.3 43.3 129.9
150 155.4 0.0 345.0





#73

Isopropylbenzene

Concen: 9.470 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX041347.D

Acq: 02 May 2024 12:41

Instrument :

MSVOA_X

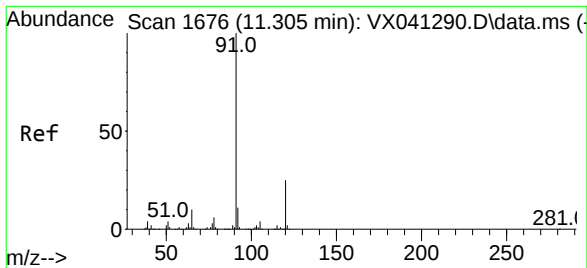
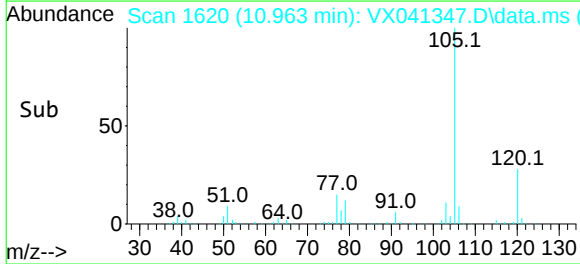
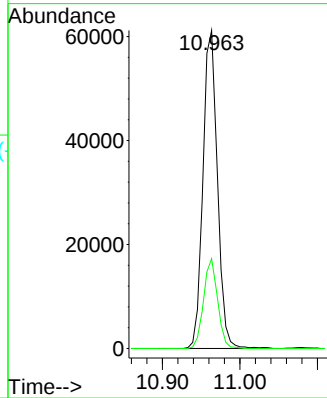
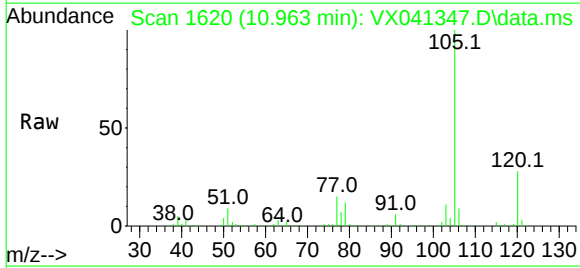
ClientSampleId :

T3-MW-3-9.0-042424

Tgt Ion:105 Resp: 79221
 Ion Ratio Lower Upper
 105 100
 120 27.3 12.9 38.6

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024



#78

n-propylbenzene

Concen: 34.835 ug/l

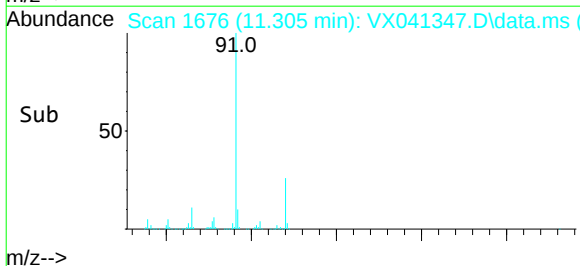
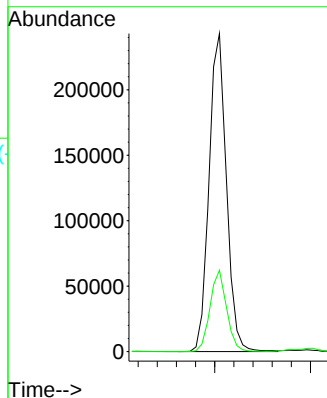
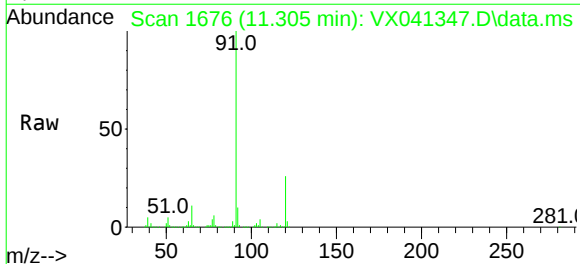
RT: 11.305 min Scan# 1676

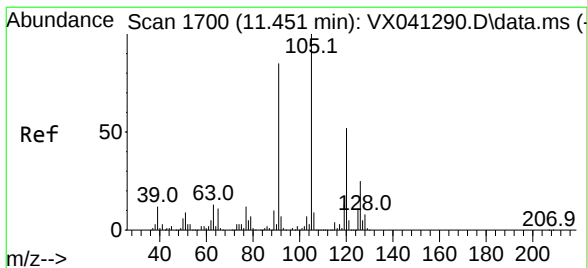
Delta R.T. 0.000 min

Lab File: VX041347.D

Acq: 02 May 2024 12:41

Tgt Ion: 91 Resp: 306052
 Ion Ratio Lower Upper
 91 100
 120 24.4 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 0.560 ug/l m

RT: 11.451 min Scan# 17

Delta R.T. 0.000 min

Lab File: VX041347.D

Acq: 02 May 2024 12:41

Instrument :

MSVOA_X

ClientSampleId :

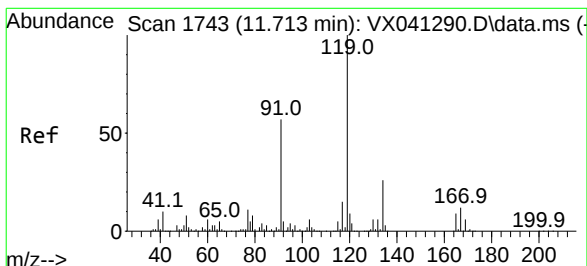
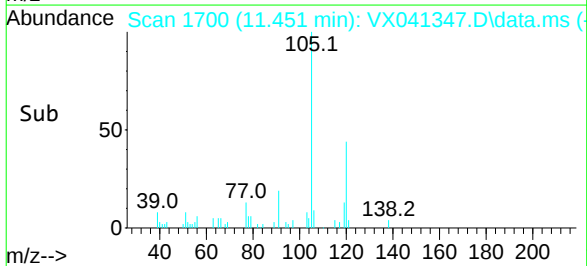
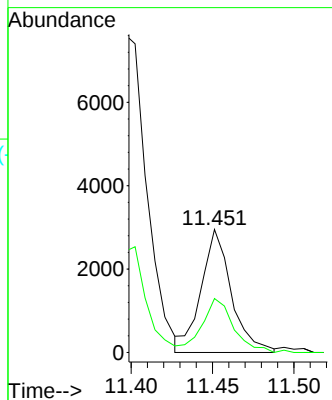
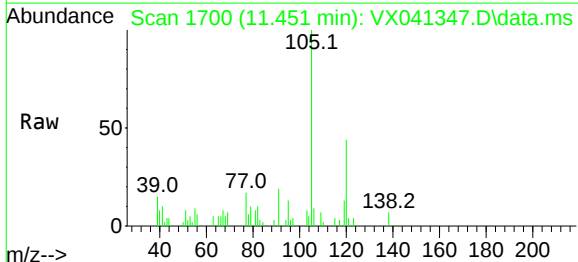
T3-MW-3-9.0-042424

Tgt Ion:105 Resp: 3819
 Ion Ratio Lower Upper
 105 100
 120 119.6 24.1 72.3#

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024



#83

tert-Butylbenzene

Concen: 2.222 ug/l

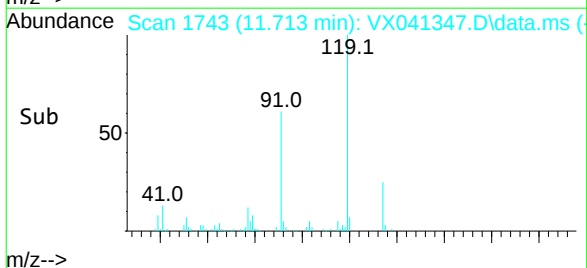
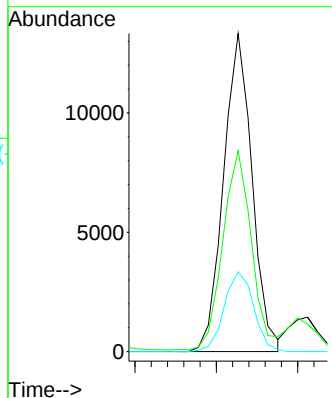
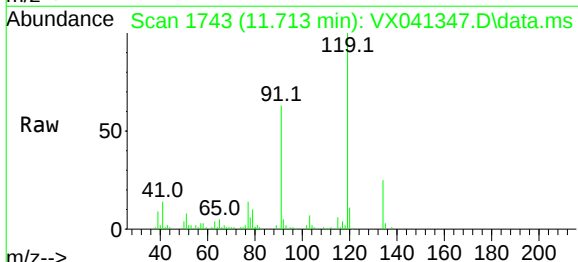
RT: 11.713 min Scan# 1743

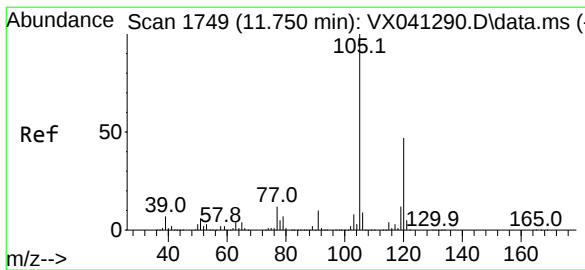
Delta R.T. 0.000 min

Lab File: VX041347.D

Acq: 02 May 2024 12:41

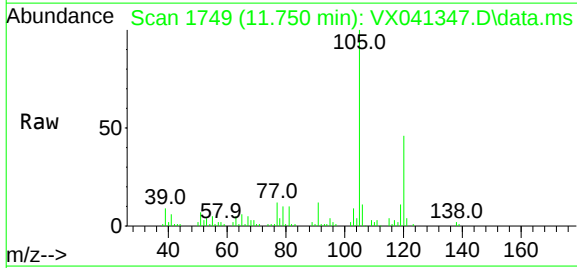
Tgt Ion:119 Resp: 16228
 Ion Ratio Lower Upper
 119 100
 91 63.0 31.2 93.6
 134 25.8 11.7 35.0





#84
1,2,4-Trimethylbenzene
Concen: 2.177 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041347.D
Acq: 02 May 2024 12:41

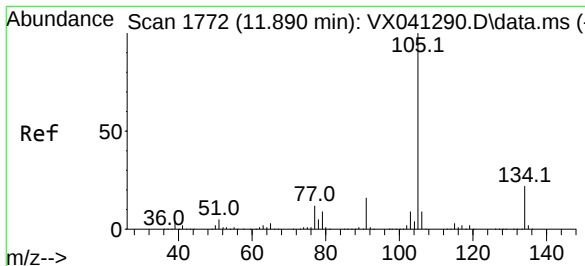
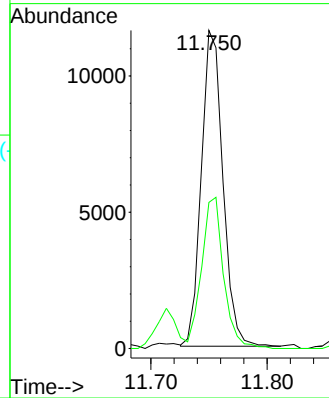
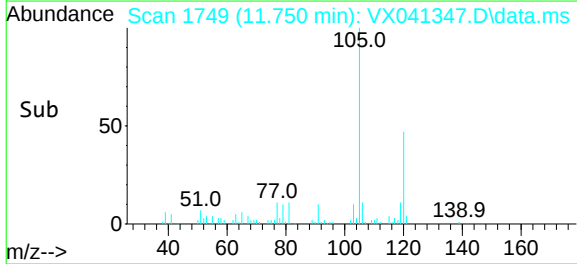
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-3-9.0-042424



Tgt Ion:105 Resp: 14935
Ion Ratio Lower Upper
105 100
120 48.8 21.2 63.6

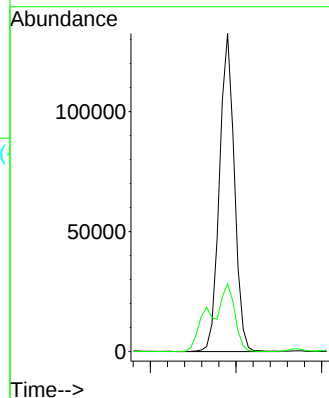
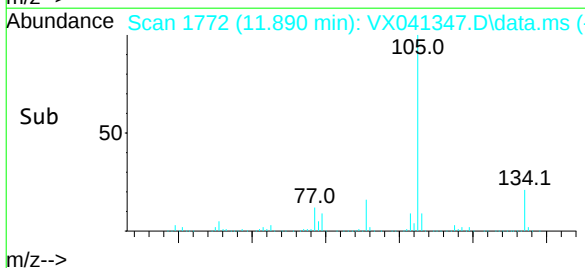
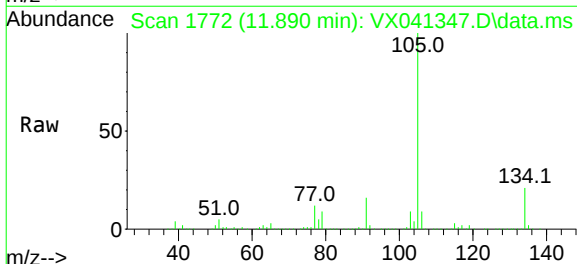
Manual Integrations
APPROVED

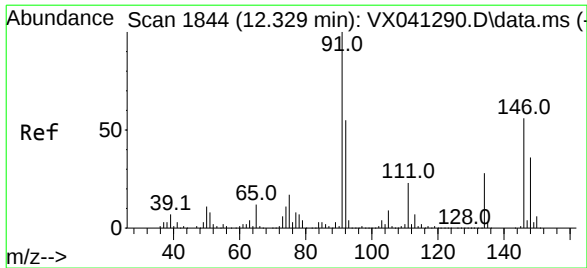
Reviewed By :Romaben Patel 05/03/2024
Supervised By :Semsettin Yesilyurt 05/03/2024



#85
sec-Butylbenzene
Concen: 19.171 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX041347.D
Acq: 02 May 2024 12:41

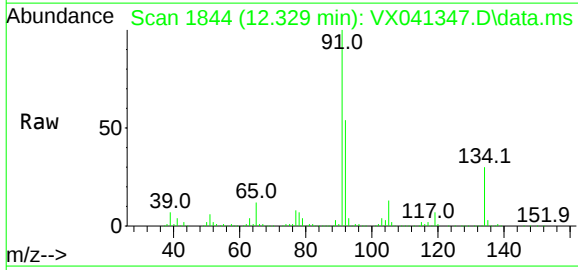
Tgt Ion:105 Resp: 160435
Ion Ratio Lower Upper
105 100
134 19.1 9.8 29.4





#89
 n-Butylbenzene
 Concen: 21.652 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VX041347.D
 Acq: 02 May 2024 12:41

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-3-9.0-042424



Tgt Ion:	91	Resp:	130856
Ion Ratio	Lower	Upper	
91	100		
92	48.6	27.4	82.0
134	45.5	12.6	37.8

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024

