

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071822\
 Data File : VW026809.D
 Acq On : 18 Jul 2022 14:26
 Operator : SY/MD
 Sample : N3710-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0B07

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/19/2022
 Supervised By :Mahesh Dadoda 07/19/2022

Quant Time: Jul 19 03:09:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 19 03:06:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	209709	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	203987	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	111989	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	65294	3.413	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.200%
7) Chloroethane-d5	1.565	69	64484	3.901	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.101	63	88039	2.397	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.000%#
20) 2-Butanone-d5	3.902	46	203503	68.154	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.300%#
24) Chloroform-d	4.346	84	148633	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.034	65	75080	5.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.050	84	269151	4.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.069	67	93155	5.012	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.317	98	192739	3.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	7.625	79	27537	4.529	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.092	63	166718	63.329	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.660%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	83555	5.771	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	104085	5.334	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						
2) Dichlorodifluoromethane	1.127	85	315226	11.824	ug/L	99
13) Acetone	2.192	43	37024m	14.737	ug/L	
14) Carbon disulfide	2.291	76	9405	0.174	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	14465	0.457	ug/L #	62
30) Cyclohexane	4.667	56	11152m	0.476	ug/L	
33) Benzene	5.098	78	492781	7.226	ug/L	100
35) Methylcyclohexane	6.133	83	5820	0.227	ug/L #	86
42) Toluene	7.394	91	22004	0.319	ug/L	100
51) Chlorobenzene	8.883	112	129983	2.985	ug/L	99
52) Ethylbenzene	9.018	91	8921	0.131	ug/L	90
53) m,p-Xylene	9.140	106	35730	1.348	ug/L	98
54) o-Xylene	9.545	106	21789	0.865	ug/L	100
60) Isopropylbenzene	9.931	105	167861	2.403	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	14393	0.259	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	29163	0.517	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	145081	4.169	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	16313	0.510	ug/L	95
70) 1,2,4-trichlorobenzene	13.262	180	2878	0.156	ug/L #	74

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 19 03:06:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

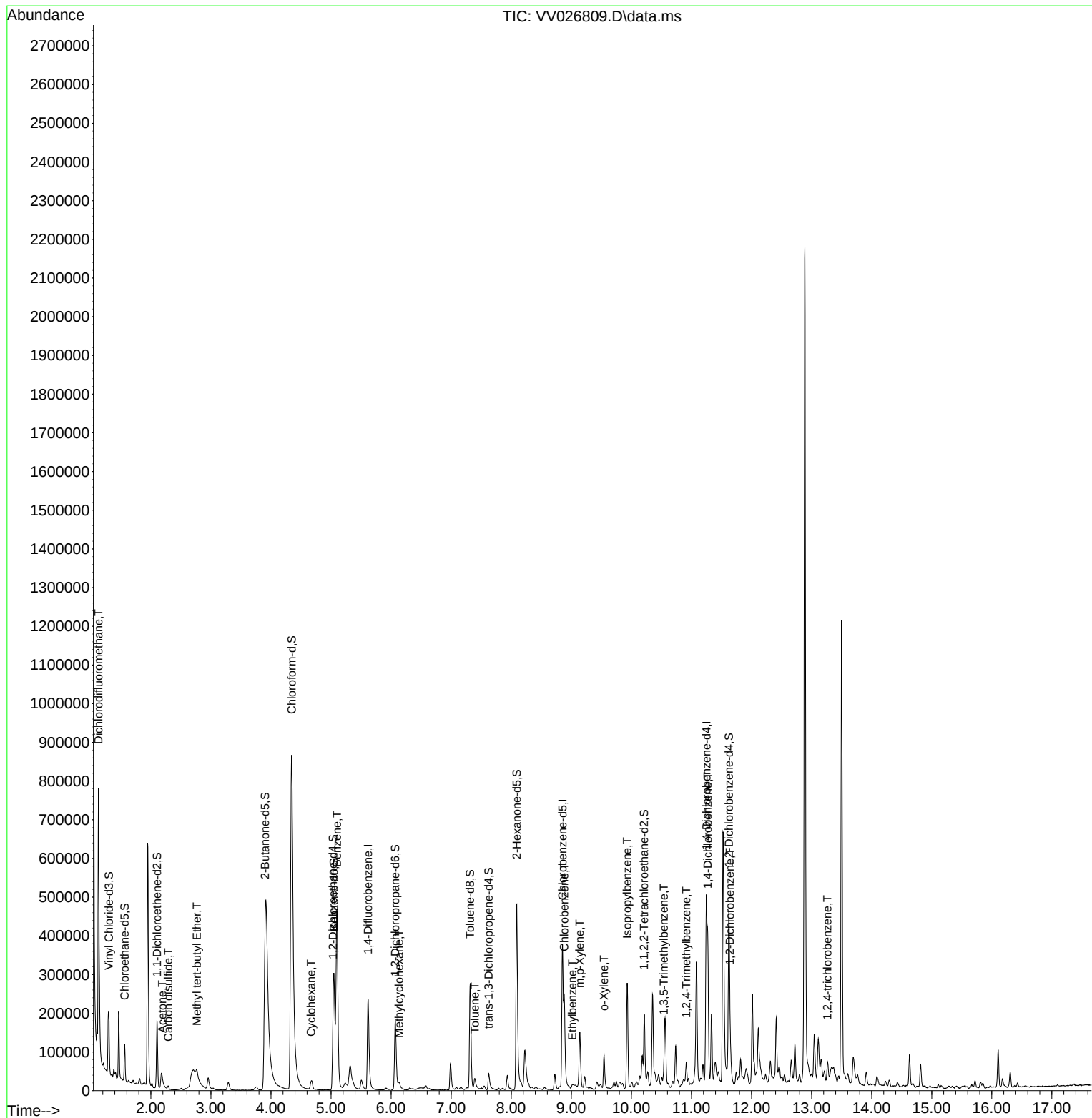
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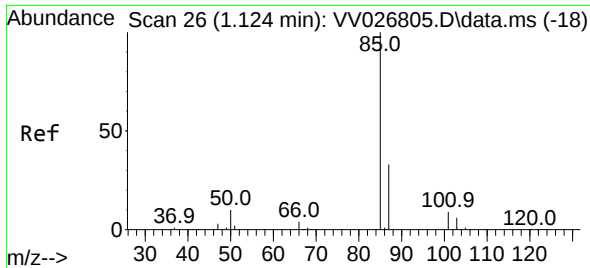
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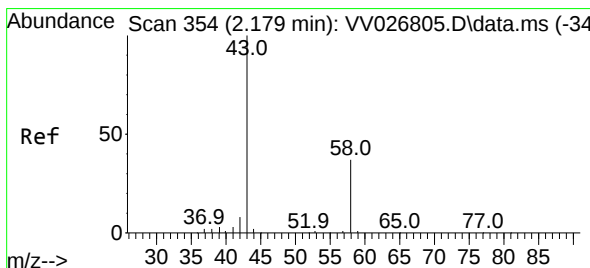
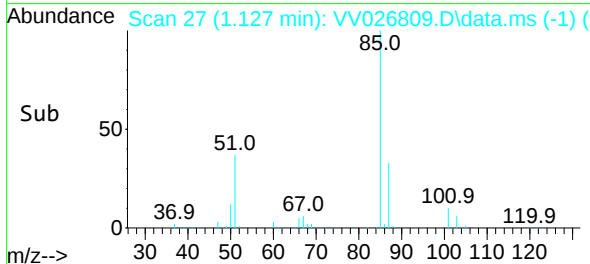
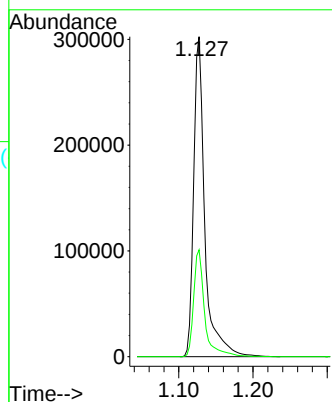
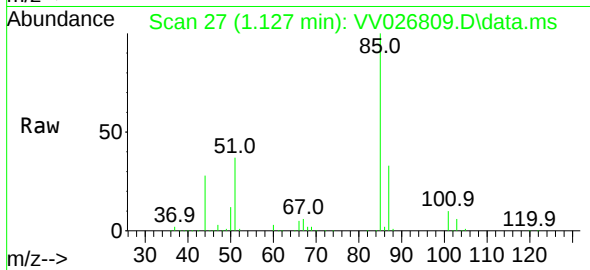
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 Dichlorodifluoromethane
 Concen: 11.824 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026809.D
 Acq: 18 Jul 2022 14:26

Instrument :
 MSVOA_V
 ClientSampleId :
 H0B07

Tgt Ion: 85 Resp: 315220
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.8

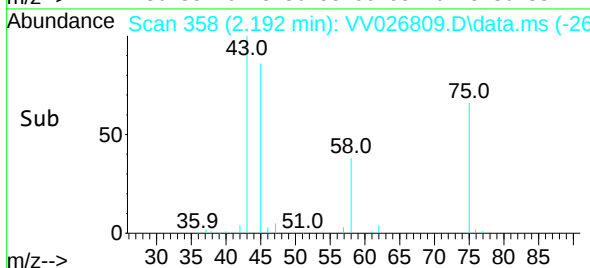
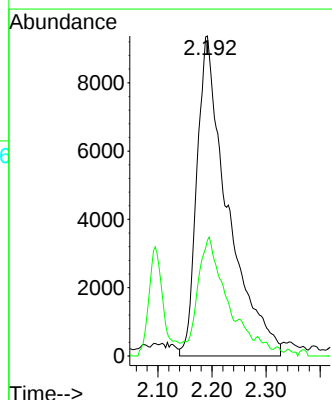
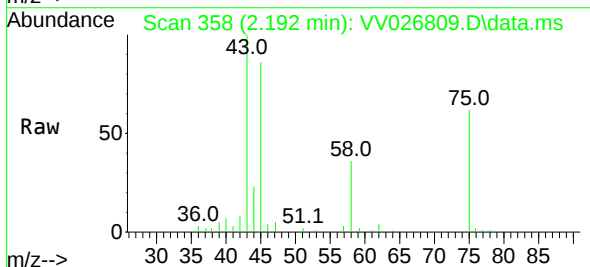
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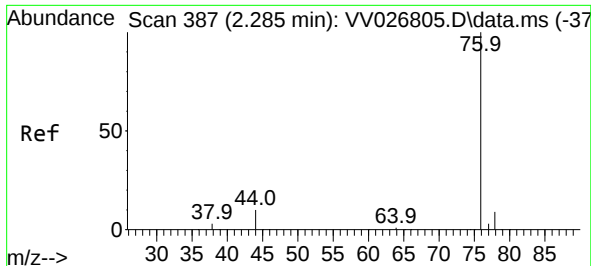
Reviewed By :Krupa Patel 07/19/2022
 Supervised By :Mahesh Dadoda 07/19/2022



#13
 Acetone
 Concen: 14.737 ug/L m
 RT: 2.192 min Scan# 358
 Delta R.T. 0.013 min
 Lab File: VV026809.D
 Acq: 18 Jul 2022 14:26

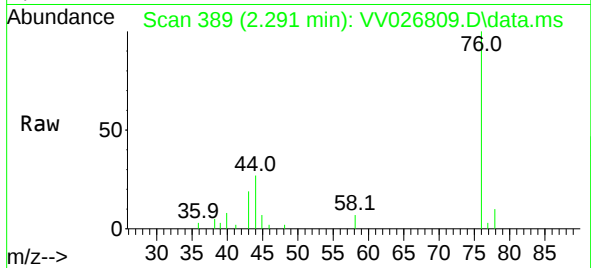
Tgt Ion: 43 Resp: 37024
 Ion Ratio Lower Upper
 43 100
 58 7.7 0.0 20.6





#14
Carbon disulfide
Concen: 0.174 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV026809.D
Acq: 18 Jul 2022 14:26

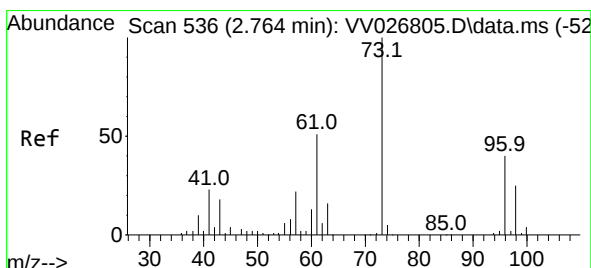
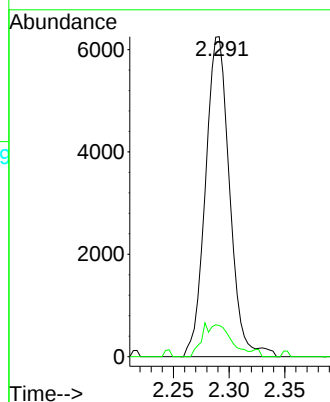
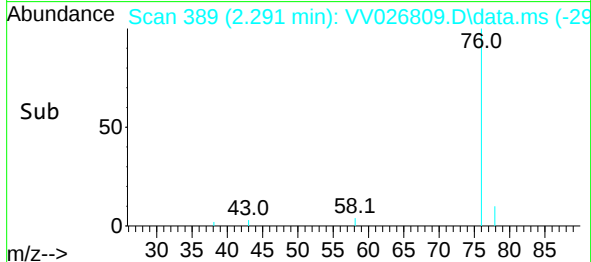
Instrument :
MSVOA_V
ClientSampleId :
H0B07



Tgt Ion: 76 Resp: 940
Ion Ratio Lower Upper
76 100
78 9.8 7.7 11.5

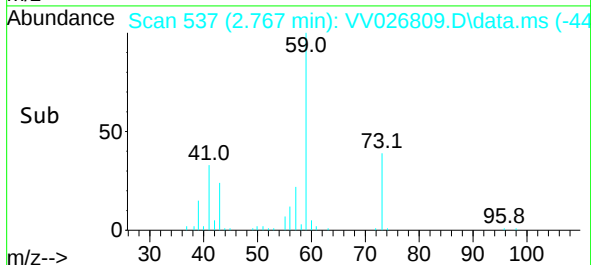
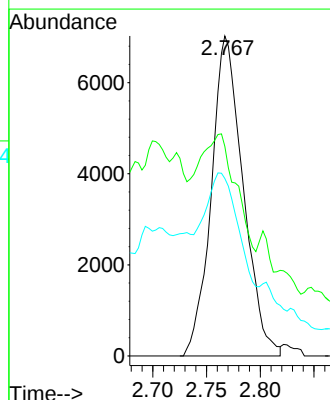
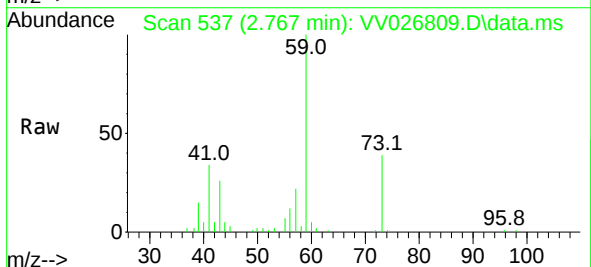
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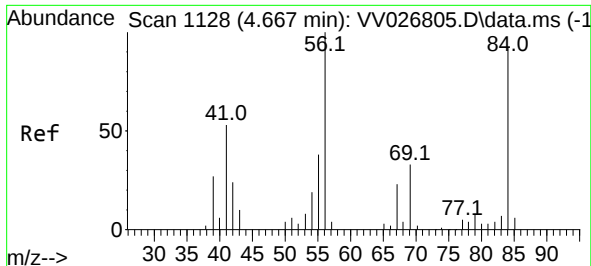
Reviewed By :Krupa Patel 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#17
Methyl tert-butyl Ether
Concen: 0.457 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV026809.D
Acq: 18 Jul 2022 14:26

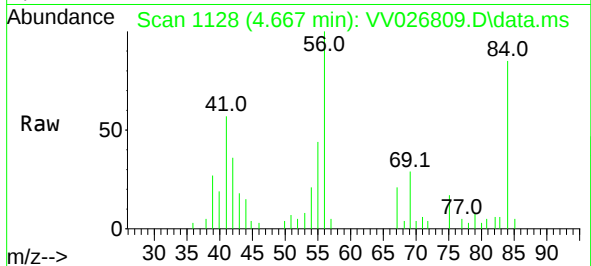
Tgt Ion: 73 Resp: 14465
Ion Ratio Lower Upper
73 100
43 38.8 14.0 21.0#
57 35.8 17.6 26.4#





#30
Cyclohexane
Concen: 0.476 ug/L m
RT: 4.667 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VV026809.D
Acq: 18 Jul 2022 14:26

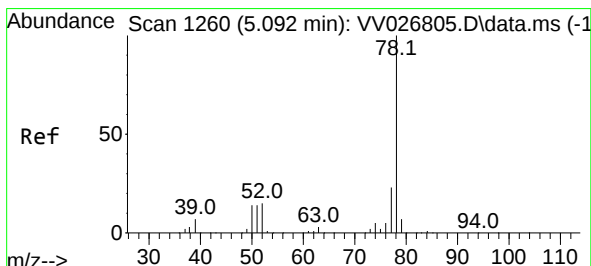
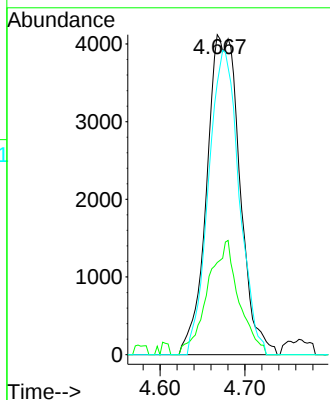
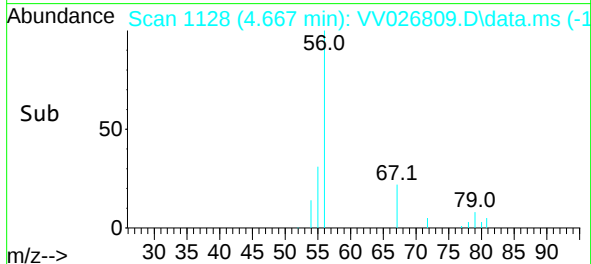
Instrument :
MSVOA_V
ClientSampleId :
H0B07



Tgt Ion: 56 Resp: 11152
Ion Ratio Lower Upper
56 100
69 33.7 25.1 37.7
84 88.0 74.0 111.0

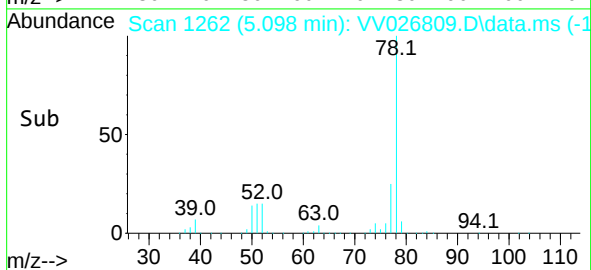
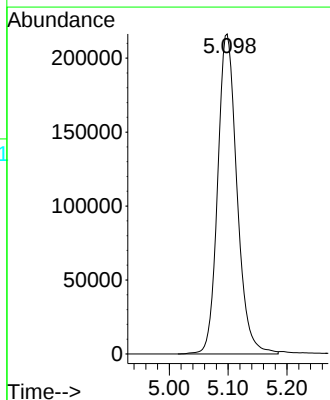
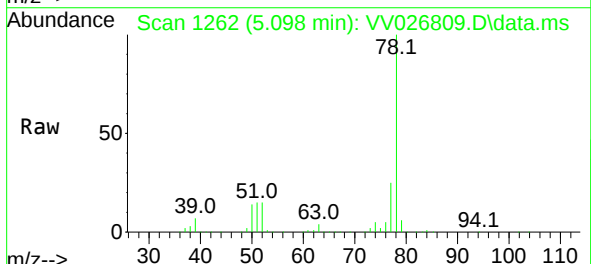
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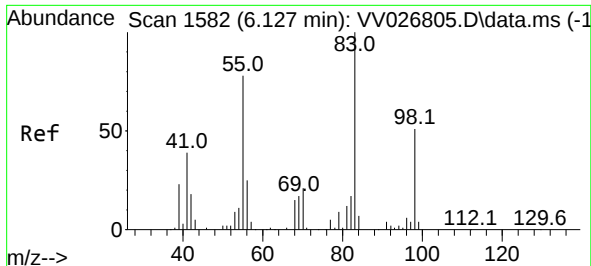
Reviewed By :Krupa Patel 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#33
Benzene
Concen: 7.226 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VV026809.D
Acq: 18 Jul 2022 14:26

Tgt Ion: 78 Resp: 492781





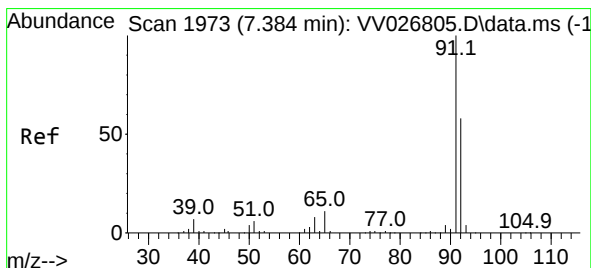
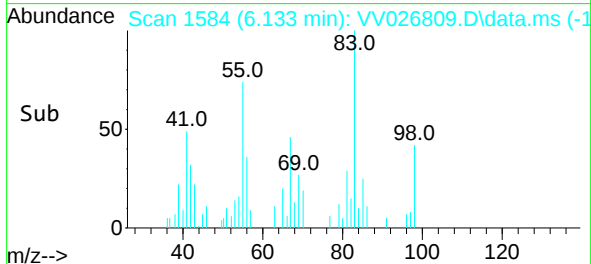
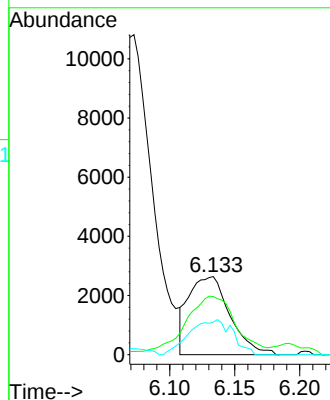
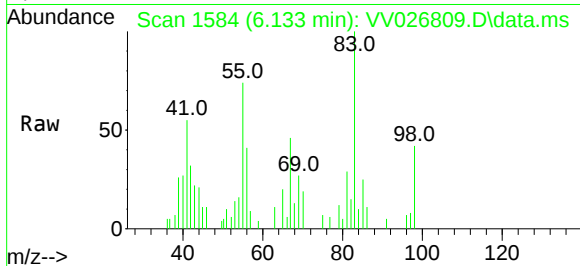
#35
Methylcyclohexane
Concen: 0.227 ug/L
RT: 6.133 min Scan# 1582
Delta R.T. 0.006 min
Lab File: VV026809.D
Acq: 18 Jul 2022 14:26

Instrument :
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ClientSampleId :
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Tgt Ion: 83 Resp: 5820
Ion Ratio Lower Upper
83 100
55 93.4 59.5 89.3
98 46.9 38.3 57.5

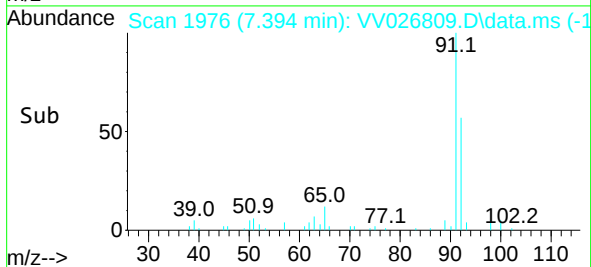
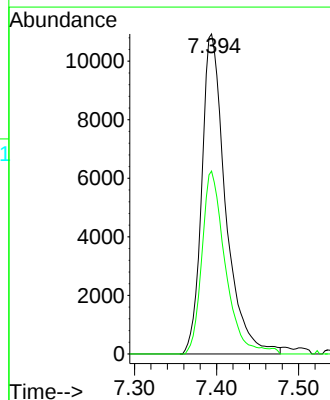
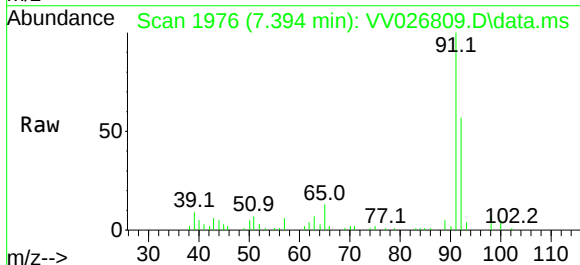
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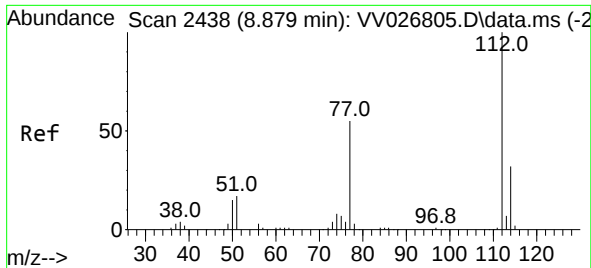
Reviewed By :Krupa Patel 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#42
Toluene
Concen: 0.319 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.010 min
Lab File: VV026809.D
Acq: 18 Jul 2022 14:26

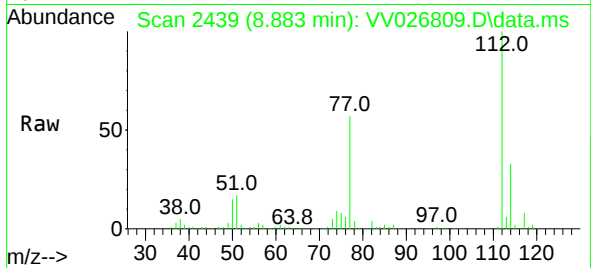
Tgt Ion: 91 Resp: 22004
Ion Ratio Lower Upper
91 100
92 57.1 40.2 74.6





#51
Chlorobenzene
Concen: 2.985 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV026809.D
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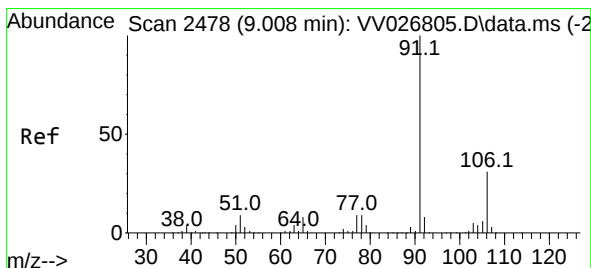
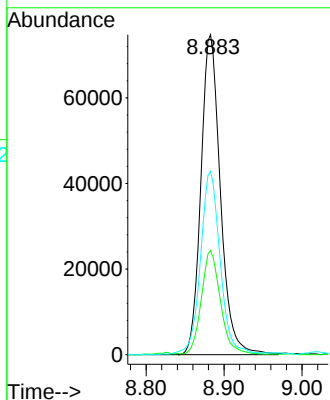
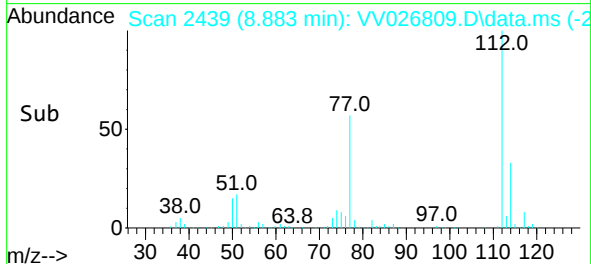
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Tgt Ion:112 Resp: 12998
Ion Ratio Lower Upper
112 100
114 32.6 22.7 42.1
77 57.4 46.6 70.0

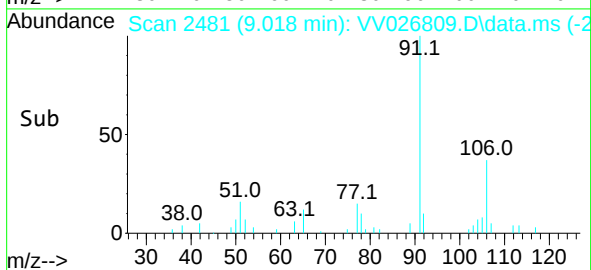
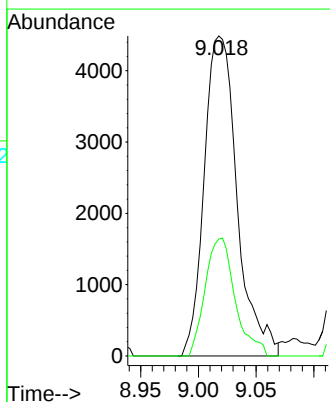
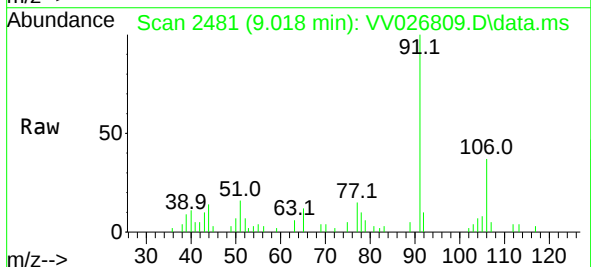
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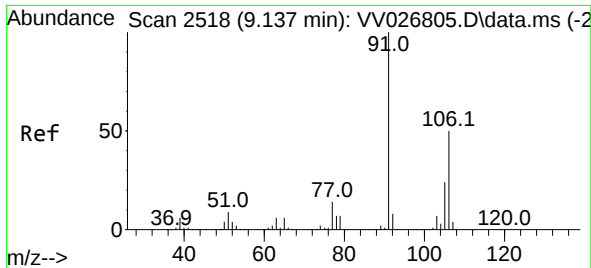
Reviewed By :Krupa Patel 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#52
Ethylbenzene
Concen: 0.131 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.010 min
Lab File: VV026809.D
Acq: 18 Jul 2022 14:26

Tgt Ion: 91 Resp: 8921
Ion Ratio Lower Upper
91 100
106 36.6 21.6 40.2





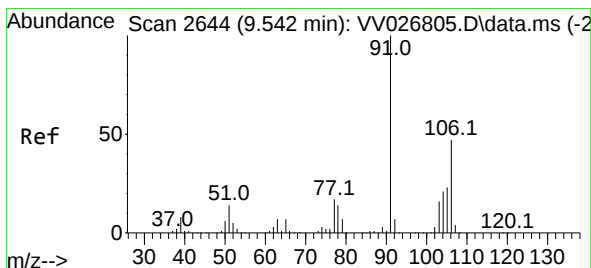
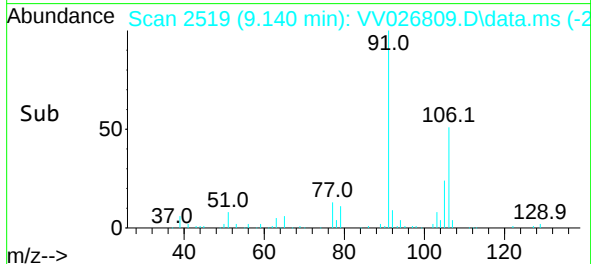
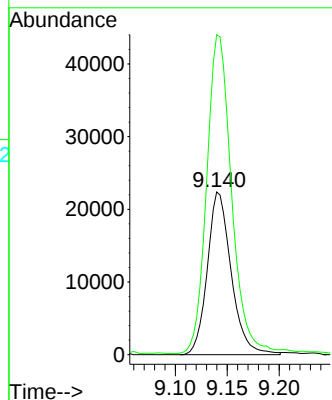
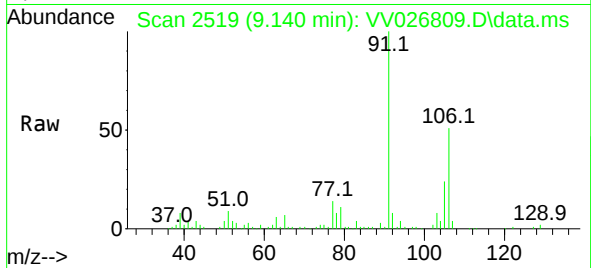
#53
m,p-Xylene
Concen: 1.348 ug/L
RT: 9.140 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV026809.D
Acq: 18 Jul 2022 14:26

Instrument :
MSVOA_V
ClientSampleId :
H0B07

Tgt Ion:106 Resp: 35730
Ion Ratio Lower Upper
106 100
91 196.6 139.3 258.7

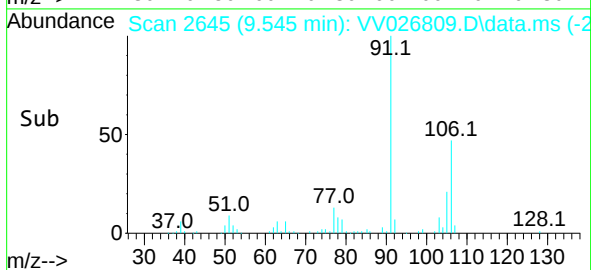
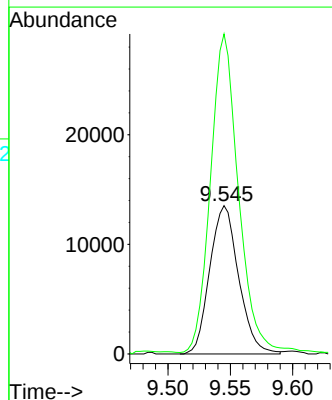
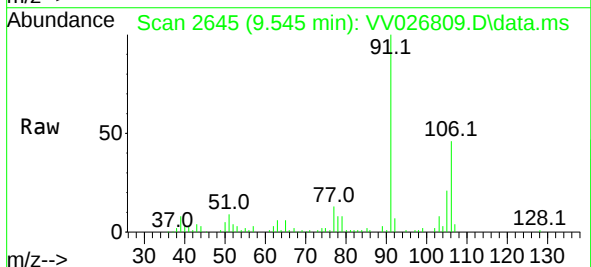
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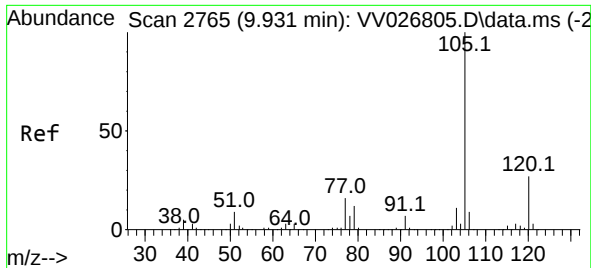
Reviewed By :Krupa Patel 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#54
o-Xylene
Concen: 0.865 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026809.D
Acq: 18 Jul 2022 14:26

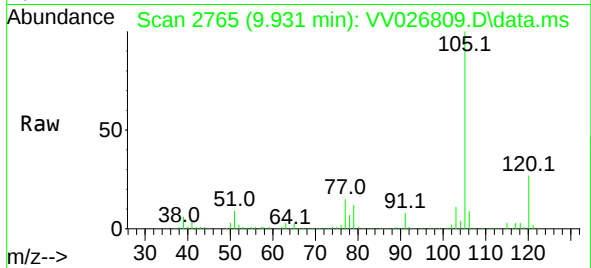
Tgt Ion:106 Resp: 21789
Ion Ratio Lower Upper
106 100
91 215.8 151.1 280.7





#60
Isopropylbenzene
Concen: 2.403 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026809.D
Acq: 18 Jul 2022 14:26

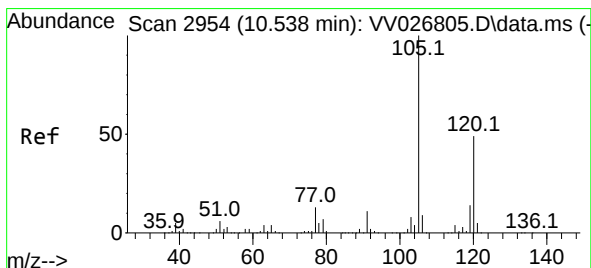
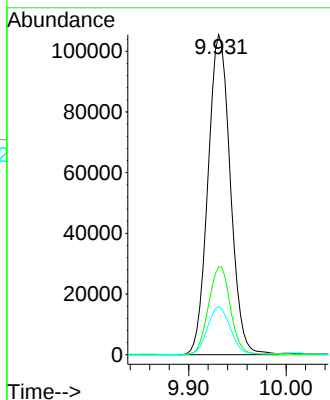
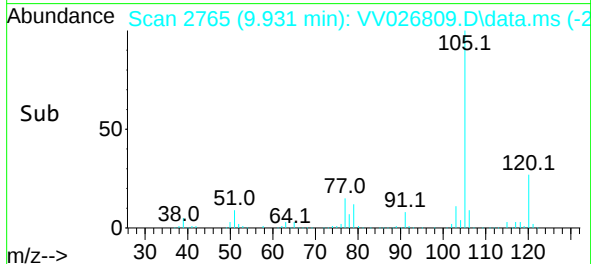
Instrument :
MSVOA_V
ClientSampleId :
H0B07



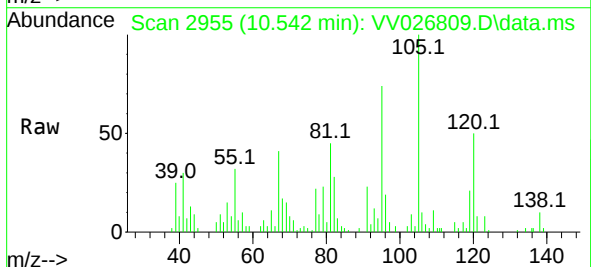
Tgt Ion:105 Resp: 16786
Ion Ratio Lower Upper
105 100
120 27.0 20.7 31.1
77 15.7 12.5 18.7

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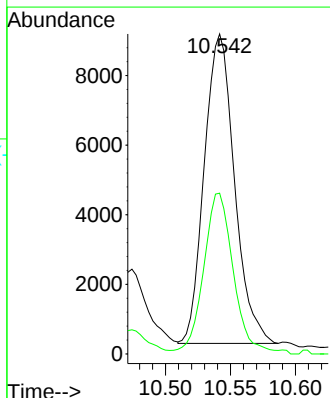
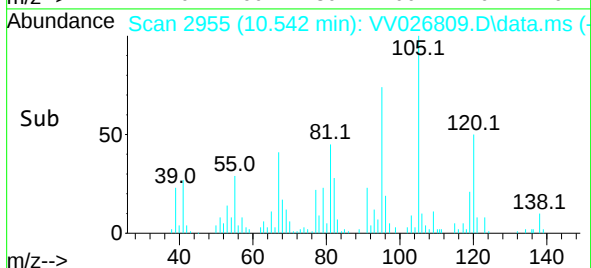
Reviewed By :Krupa Patel 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022

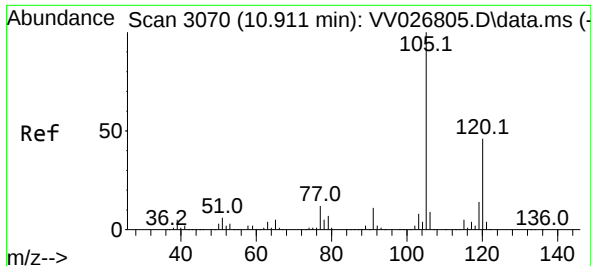


#62
1,3,5-Trimethylbenzene
Concen: 0.259 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV026809.D
Acq: 18 Jul 2022 14:26



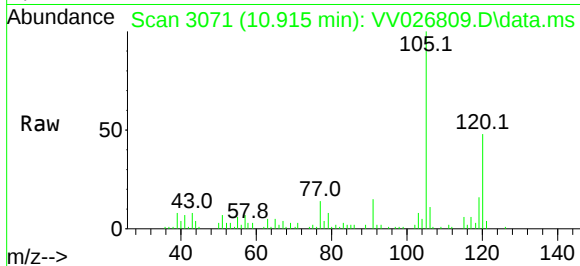
Tgt Ion:105 Resp: 14393
Ion Ratio Lower Upper
105 100
120 51.5 39.6 59.4





#63
1,2,4-Trimethylbenzene
Concen: 0.517 ug/L
RT: 10.915 min Scan# 3070
Delta R.T. 0.003 min
Lab File: VV026809.D
Acq: 18 Jul 2022 14:26

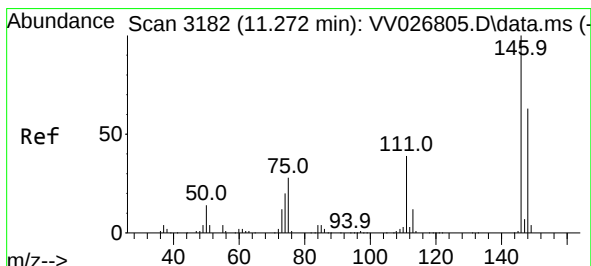
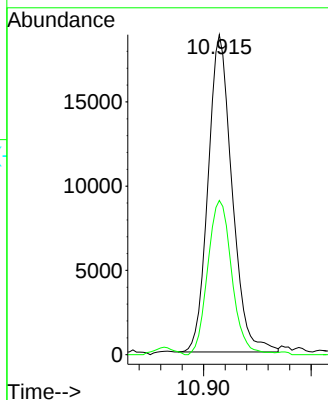
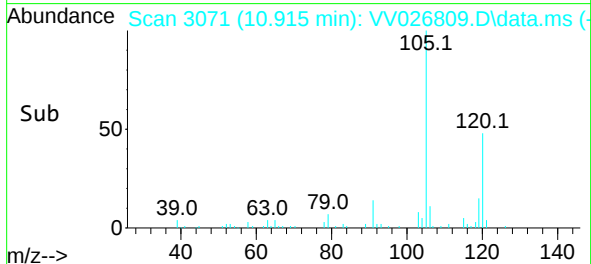
Instrument :
MSVOA_V
ClientSampleId :
H0B07



Tgt Ion:105 Resp: 2916
Ion Ratio Lower Upper
105 100
120 48.8 36.8 55.2

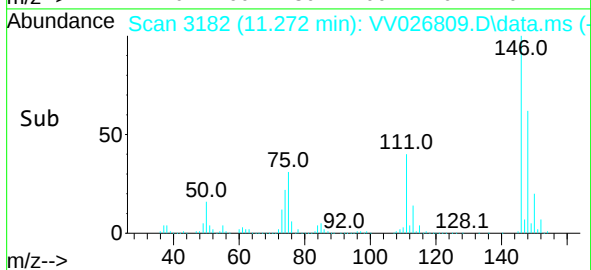
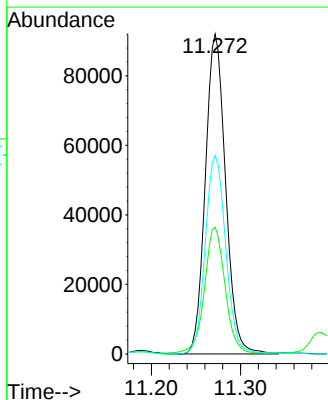
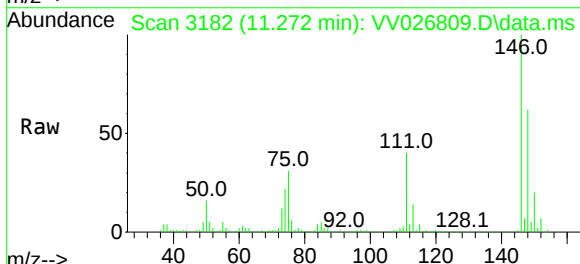
Manual Integrations
APPROVED

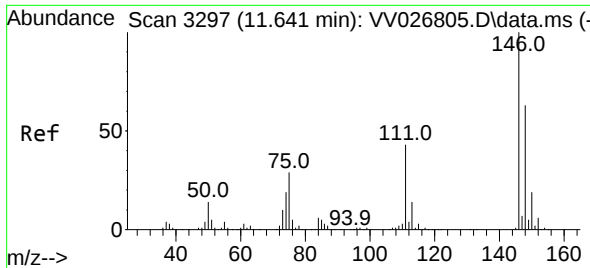
Reviewed By :Krupa Patel 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#65
1,4-Dichlorobenzene
Concen: 4.169 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026809.D
Acq: 18 Jul 2022 14:26

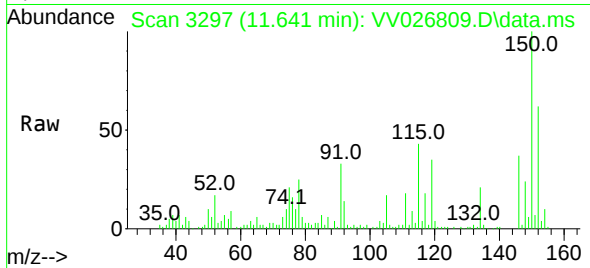
Tgt Ion:146 Resp: 145081
Ion Ratio Lower Upper
146 100
111 39.7 26.8 49.8
148 62.0 43.3 80.5





#67
1,2-Dichlorobenzene
Concen: 0.510 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026809.D
Acq: 18 Jul 2022 14:26

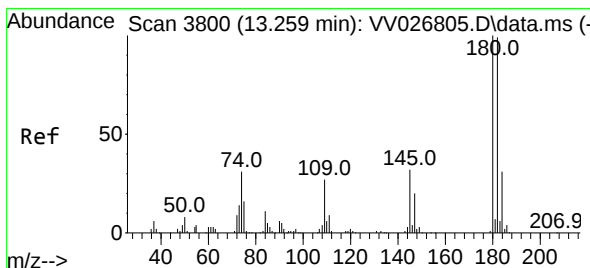
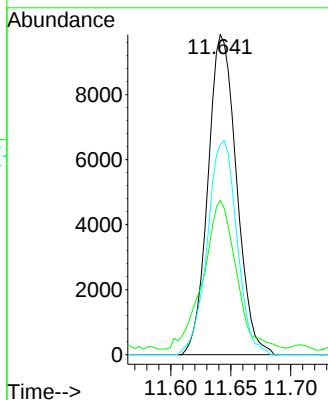
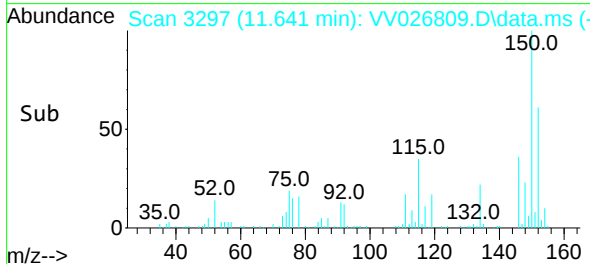
Instrument :
MSVOA_V
ClientSampleId :
H0B07



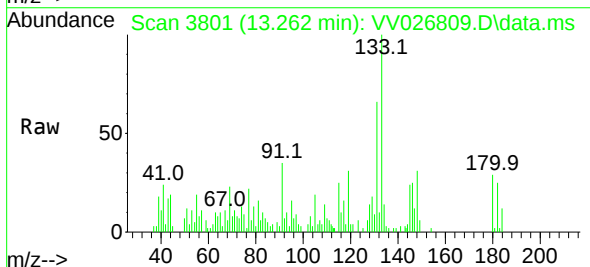
Tgt Ion:146 Resp: 1631
Ion Ratio Lower Upper
146 100
111 48.2 34.6 52.0
148 65.7 51.0 76.4

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/19/2022
Supervised By :Mahesh Dadoda 07/19/2022



#70
1,2,4-trichlorobenzene
Concen: 0.156 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV026809.D
Acq: 18 Jul 2022 14:26



Tgt Ion:180 Resp: 2878
Ion Ratio Lower Upper
180 100
182 87.7 74.7 112.1
145 79.2 24.7 37.1#

