

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120522\
 Data File : VW029400.D
 Acq On : 05 Dec 2022 13:11
 Operator : SY/MD
 Sample : MDL05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

Quant Time: Dec 05 23:30:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 02 21:17:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	230780	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	212271	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	111230	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71846	5.059	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.200%	
7) Chloroethane-d5	1.565	69	55004	5.291	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.800%	
11) 1,1-Dichloroethene-d2	2.102	63	86707	3.815	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.400%	
20) 2-Butanone-d5	3.902	46	84986	35.771	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	71.540%	
24) Chloroform-d	4.339	84	121966	4.811	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
26) 1,2-Dichloroethane-d4	5.024	65	54569	4.893	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	5.040	84	265028	4.518	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	6.063	67	79733	4.837	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.800%	
41) Toluene-d8	7.307	98	239770	4.330	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
43) trans-1,3-Dichloroprop...	7.616	79	28645	4.507	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.200%	
46) 2-Hexanone-d5	8.085	63	106369	46.951	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.900%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	53267	5.237	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.800%	
66) 1,2-Dichlorobenzene-d4	11.612	152	86877	4.471	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	3186	0.185	ug/L	97
3) Chloromethane	1.240	50	4010	0.254	ug/L	95
5) Vinyl chloride	1.307	62	3309	0.210	ug/L #	66
6) Bromomethane	1.520	94	1422	0.145	ug/L	86
8) Chloroethane	1.581	64	2055	0.220	ug/L	99
9) Trichlorofluoromethane	1.748	101	4315	0.196	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	3567	0.291	ug/L #	76
12) 1,1-Dichloroethene	2.111	96	3184	0.268	ug/L #	1
13) Acetone	2.195	43	3678m	2.129	ug/L	
14) Carbon disulfide	2.288	76	7599	0.220	ug/L	96
15) Methyl Acetate	2.442	43	1025	0.206	ug/L #	59
16) Methylene chloride	2.503	84	5484	0.302	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	6338	0.209	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	2920	0.214	ug/L	94
19) 1,1-Dichloroethane	3.185	63	5204	0.212	ug/L #	87
21) 2-Butanone	3.995	43	4623m	1.709	ug/L	
22) cis-1,2-Dichloroethene	3.909	96	3288	0.211	ug/L	75
23) Bromochloromethane	4.243	128	1384	0.222	ug/L	77
25) Chloroform	4.368	83	5716	0.223	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	2510	0.181	ug/L #	85
29) 1,1,1-Trichloroethane	4.606	97	4996	0.205	ug/L	99
30) Cyclohexane	4.671	56	4494	0.186	ug/L	97
31) Carbon tetrachloride	4.818	117	4054	0.196	ug/L	99
33) Benzene	5.092	78	12864	0.203	ug/L	100
34) Trichloroethene	5.912	95	3441	0.212	ug/L	81
35) Methylcyclohexane	6.124	83	5320	0.195	ug/L	97
37) 1,2-Dichloropropane	6.172	63	3263	0.218	ug/L #	86
38) Bromodichloromethane	6.507	83	4057	0.227	ug/L #	97
39) cis-1,3-Dichloropropene	7.027	75	4692	0.215	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	12529	1.790	ug/L #	86
42) Toluene	7.384	91	13426	0.197	ug/L	94
44) trans-1,3-Dichloropropene	7.654	75	3690	0.213	ug/L	90
45) 1,1,2-Trichloroethane	7.834	97	2122	0.210	ug/L	96
47) Tetrachloroethene	7.969	164	2378	0.179	ug/L	97
48) 2-Hexanone	8.143	43	9884	2.026	ug/L #	85
49) Dibromochloromethane	8.240	129	2494	0.219	ug/L	98
50) 1,2-Dibromoethane	8.352	107	1880	0.213	ug/L #	99
51) Chlorobenzene	8.873	112	8704	0.204	ug/L	91
52) Ethylbenzene	9.008	91	14404	0.203	ug/L	98
53) m,p-Xylene	9.133	106	5500	0.196	ug/L	89
54) o-Xylene	9.535	106	5000	0.182	ug/L	92
55) Styrene	9.558	104	9019	0.194	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	2689	0.257	ug/L	94
59) Bromoform	9.725	173	1383	0.237	ug/L #	89
60) Isopropylbenzene	9.921	105	13781	0.192	ug/L	97
61) 1,2,3-Trichloropropane	10.265	75	1768	0.229	ug/L #	94
62) 1,3,5-Trimethylbenzene	10.529	105	11462	0.184	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	12087	0.193	ug/L	96
64) 1,3-Dichlorobenzene	11.172	146	7004	0.209	ug/L	90
65) 1,4-Dichlorobenzene	11.262	146	7142	0.215	ug/L	92
67) 1,2-Dichlorobenzene	11.632	146	6863	0.222	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.413	75	394	0.260	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.635	180	5976	0.216	ug/L #	95
70) 1,2,4-trichlorobenzene	13.249	180	4786	0.214	ug/L	98
71) Naphthalene	13.497	128	5673	0.293	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.731	180	4097	0.225	ug/L	97

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

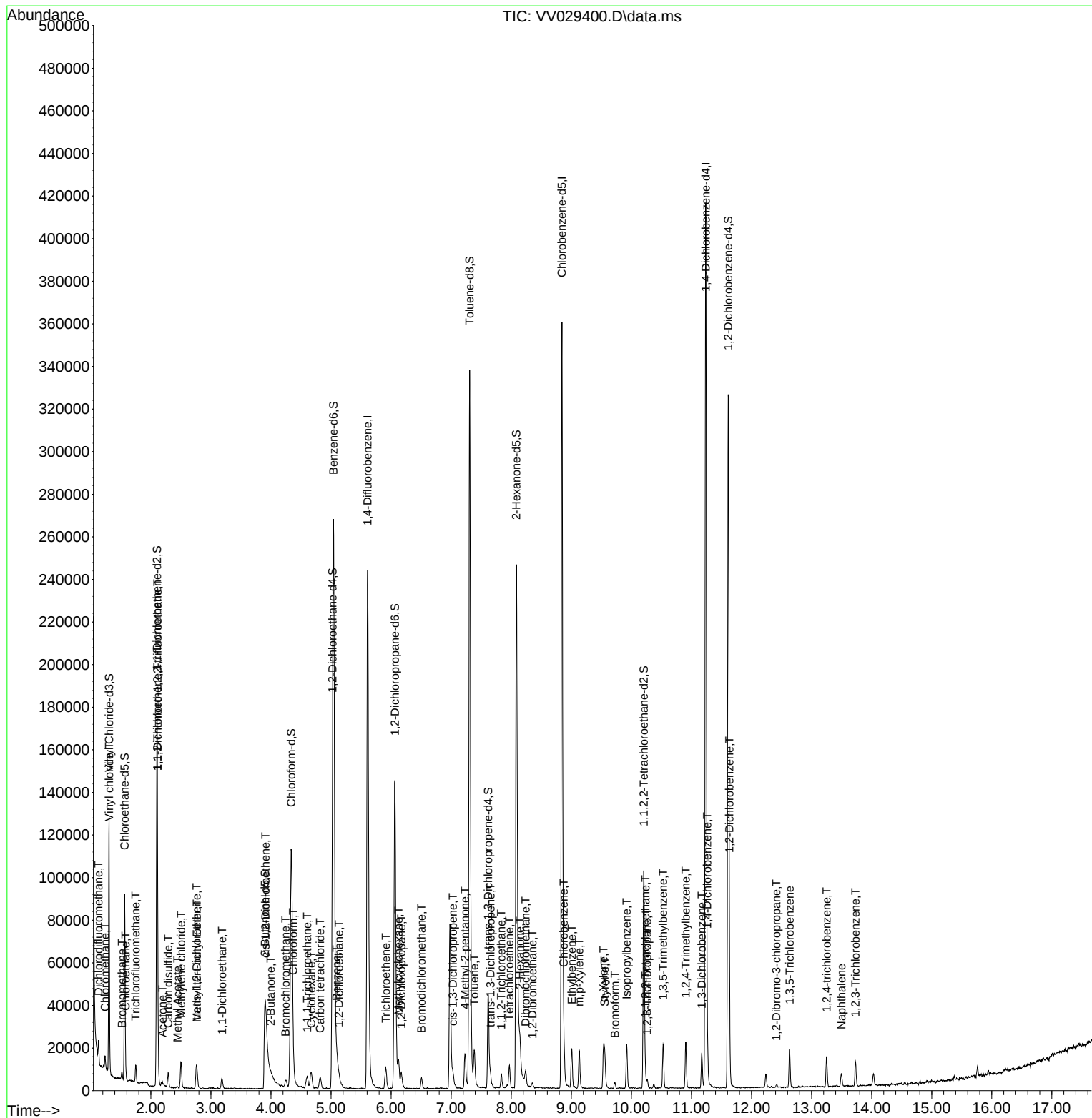
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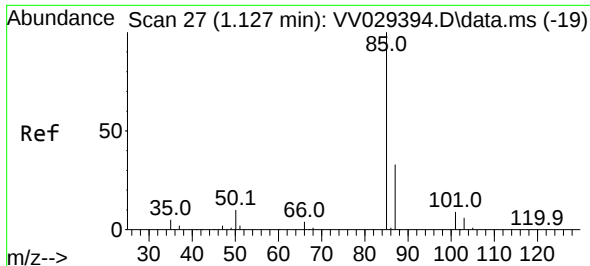
Instrument :
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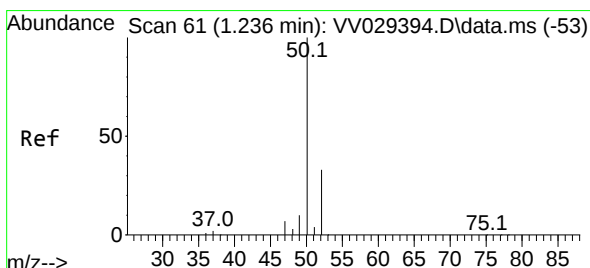
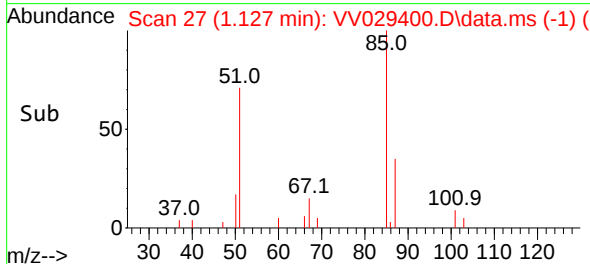
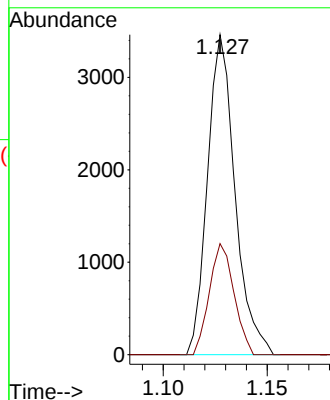
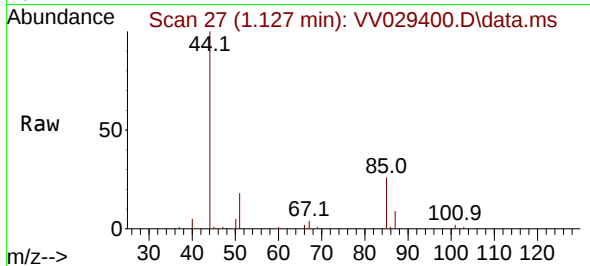
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Dichlorodifluoromethane
Concen: 0.185 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 85 Resp: 3180
Ion Ratio Lower Upper
85 100
87 31.0 26.2 39.4

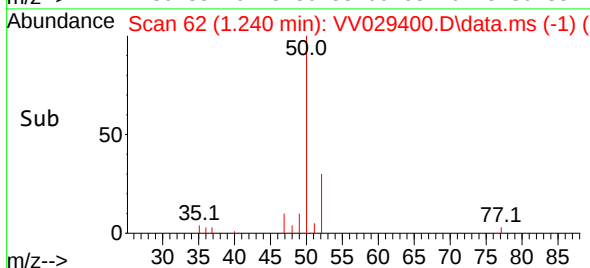
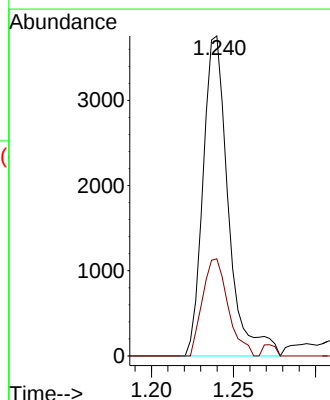
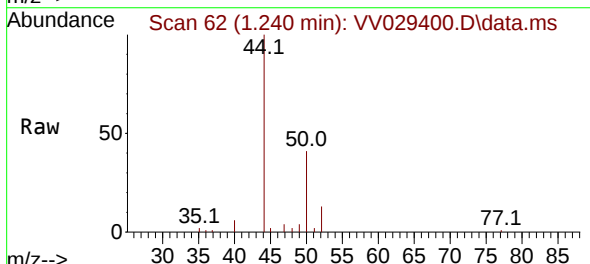
Manual Integrations
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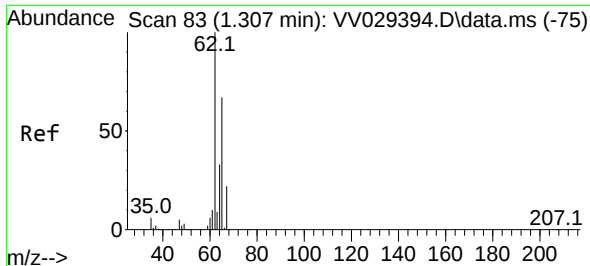
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#3
Chloromethane
Concen: 0.254 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

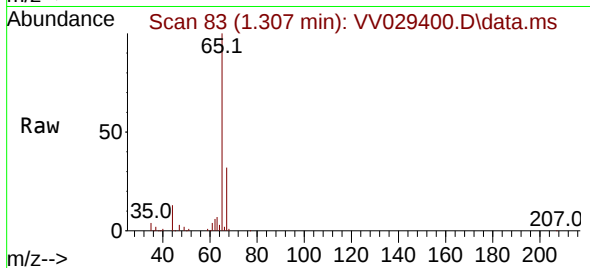
Tgt Ion: 50 Resp: 4010
Ion Ratio Lower Upper
50 100
52 30.3 23.2 43.2





#5
 Vinyl chloride
 Concen: 0.210 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV029400.D
 Acq: 05 Dec 2022 13:11

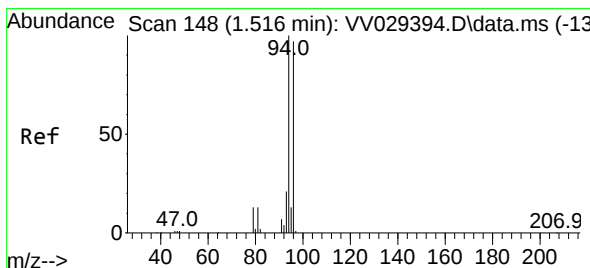
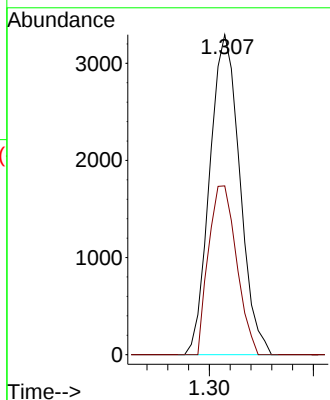
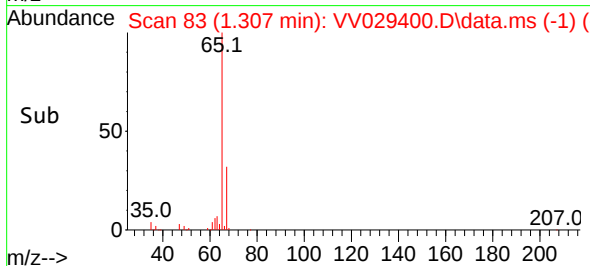
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05



Tgt Ion: 62 Resp: 3309
 Ion Ratio Lower Upper
 62 100
 64 52.7 23.4 43.4

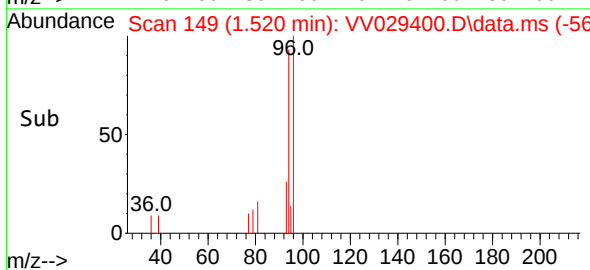
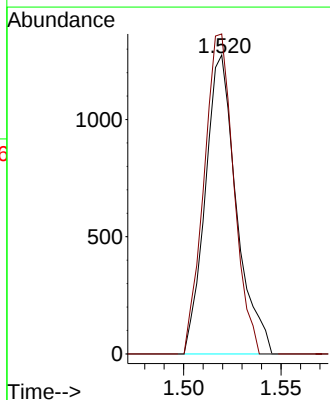
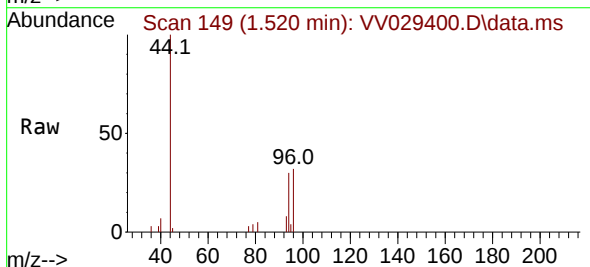
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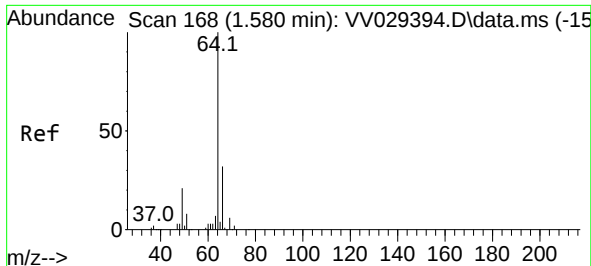
Reviewed By :Krupa Patel 12/06/2022
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#6
 Bromomethane
 Concen: 0.145 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV029400.D
 Acq: 05 Dec 2022 13:11

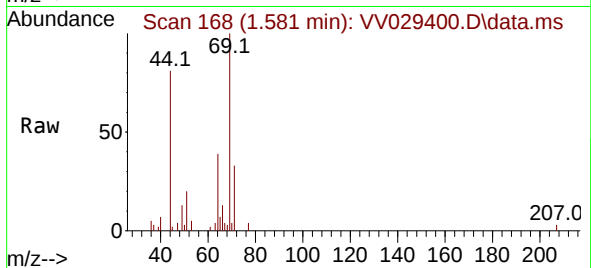
Tgt Ion: 94 Resp: 1422
 Ion Ratio Lower Upper
 94 100
 96 107.1 65.4 121.4





#8
Chloroethane
Concen: 0.220 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

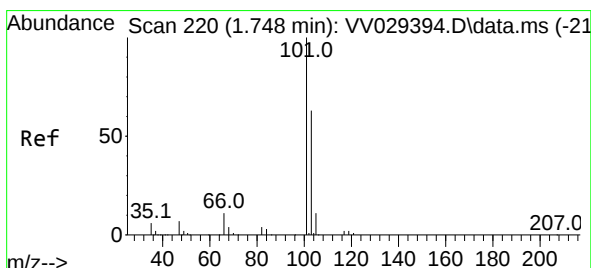
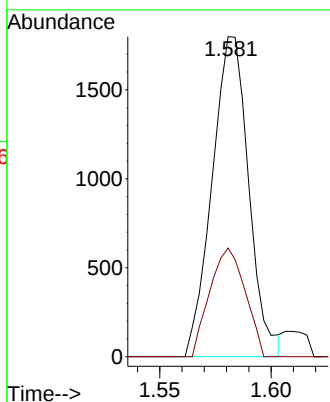
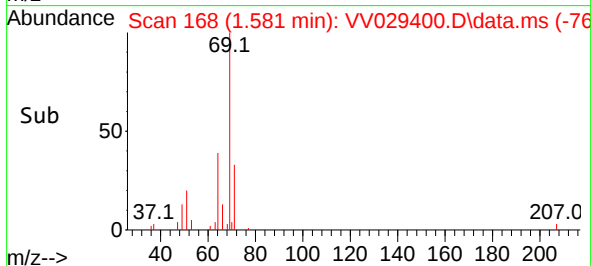
Instrument :
MSVOA_V
ClientSampleId :
MDL05



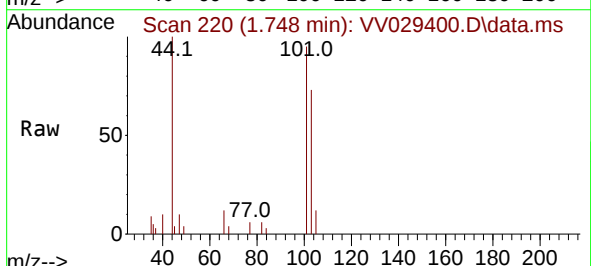
Tgt Ion: 64 Resp: 205
Ion Ratio Lower Upper
64 100
66 34.0 23.5 43.7

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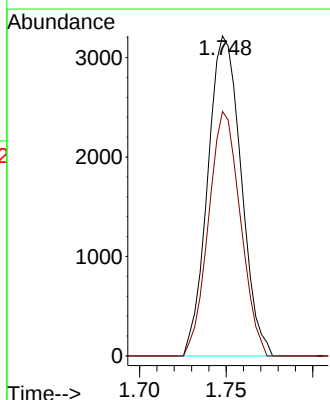
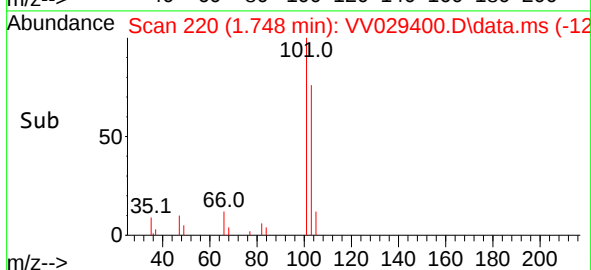
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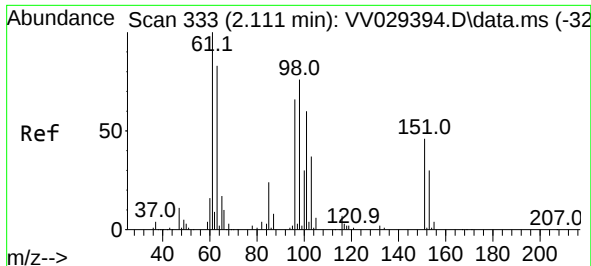


#9
Trichlorofluoromethane
Concen: 0.196 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11



Tgt Ion:101 Resp: 4315
Ion Ratio Lower Upper
101 100
103 73.0 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.291 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

MDL05

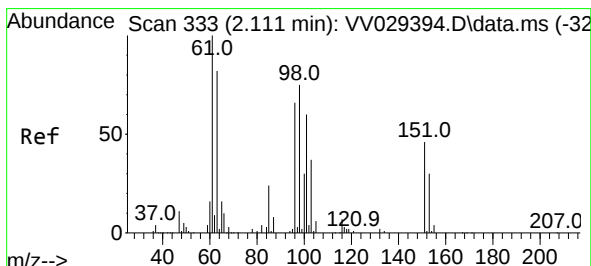
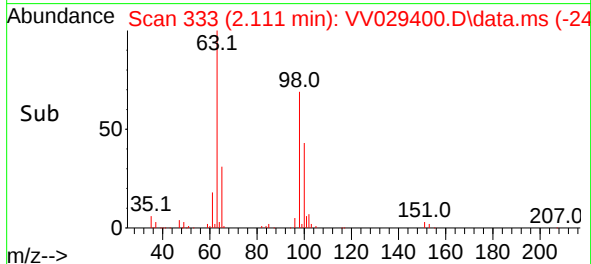
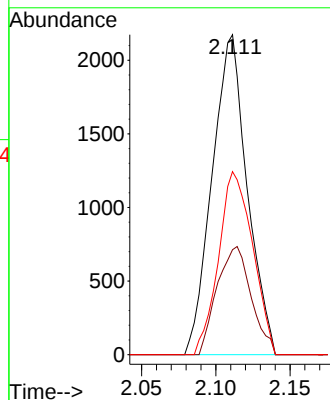
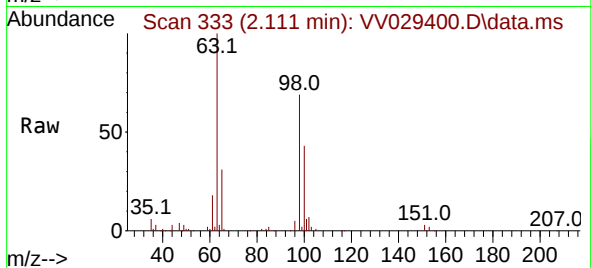
Tgt Ion:	101	Resp:	356
Ion Ratio	Lower	Upper	
101	100		
85	33.0	33.6	50.4
151	55.8	65.3	97.9

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#12

1,1-Dichloroethene

Concen: 0.268 ug/L

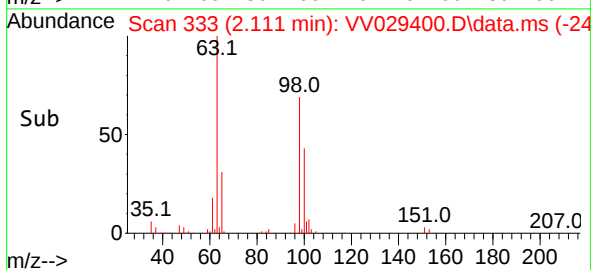
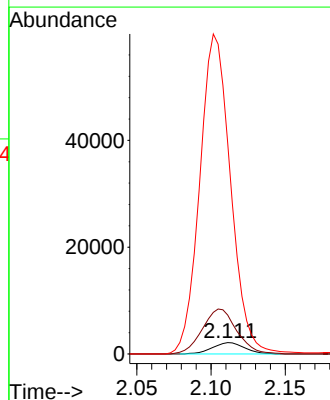
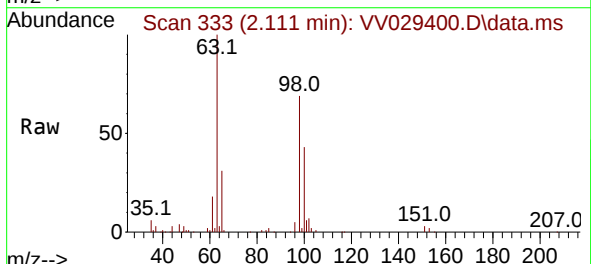
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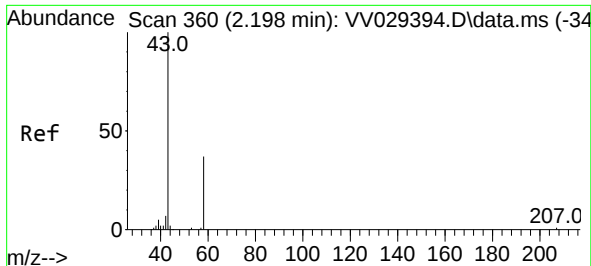
Delta R.T. -0.003 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

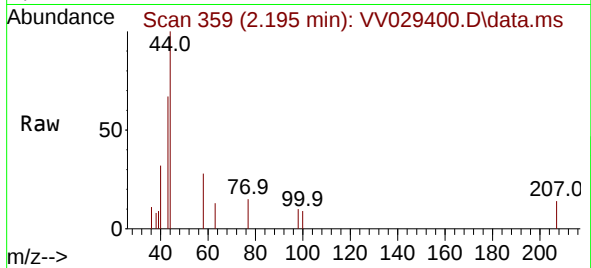
Tgt Ion:	96	Resp:	3184
Ion Ratio	Lower	Upper	
96	100		
61	343.3	110.3	204.9#
63	1861.0	84.4	156.8#





#13
Acetone
Concen: 2.129 ug/L m
RT: 2.195 min Scan# 360
Delta R.T. -0.010 min
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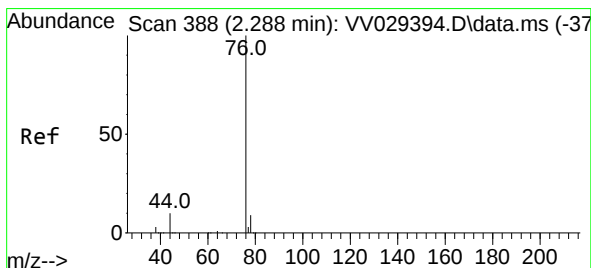
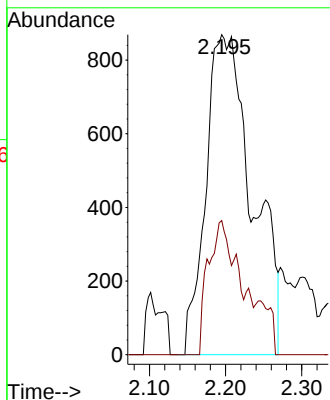
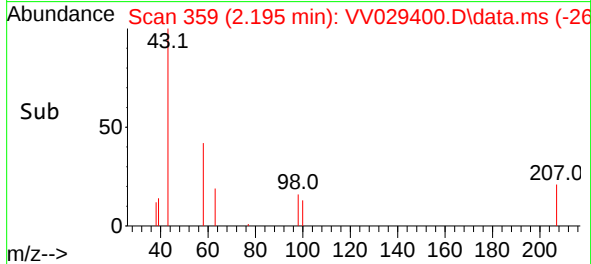
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Tgt Ion: 43 Resp: 3678
Ion Ratio Lower Upper
43 100
58 19.0 0.0 70.8

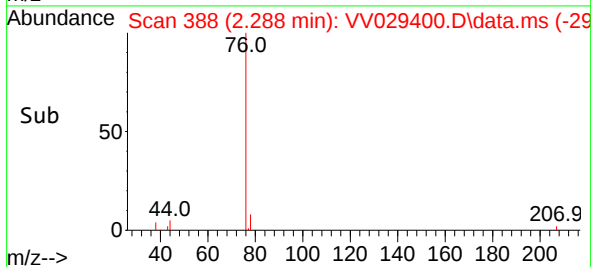
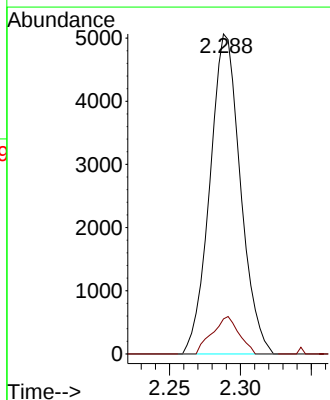
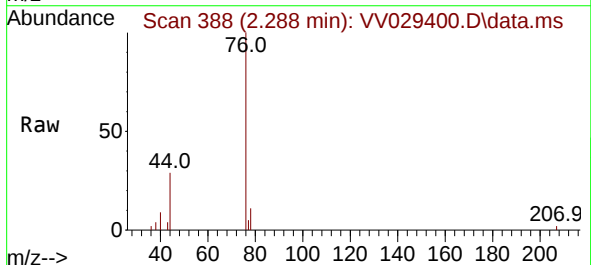
Manual Integrations
APPROVED

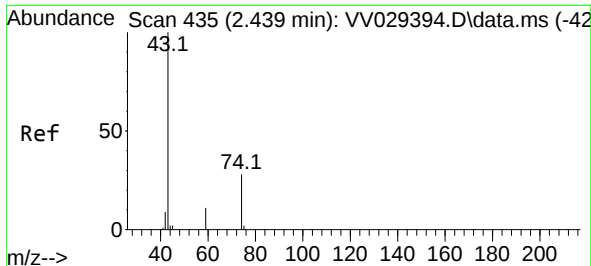
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#14
Carbon disulfide
Concen: 0.220 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

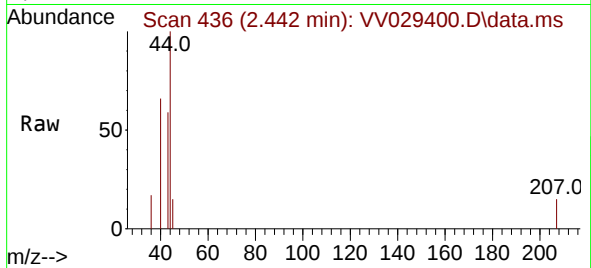
Tgt Ion: 76 Resp: 7599
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.2





#15
Methyl Acetate
Concen: 0.206 ug/L
RT: 2.442 min Scan# 435
Delta R.T. 0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

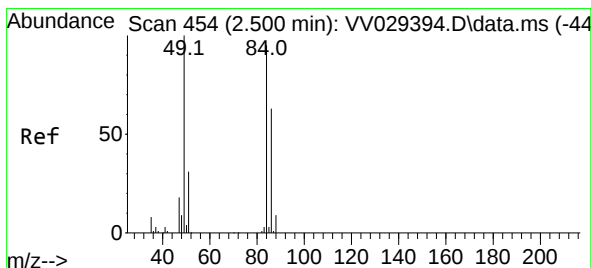
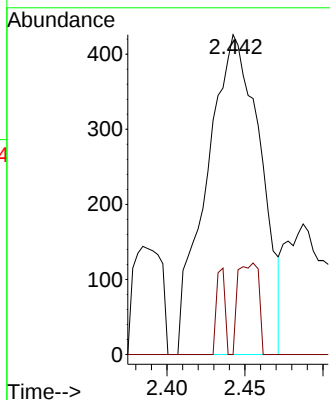
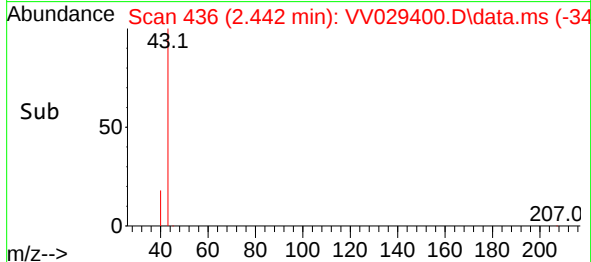
Instrument :
MSVOA_V
ClientSampleId :
MDL05



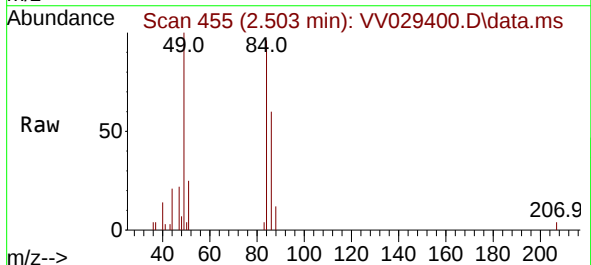
Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
74 4.2 19.6 29.4

Manual Integrations
APPROVED

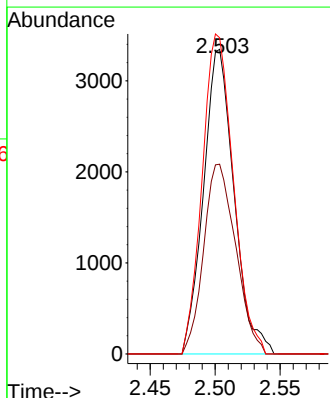
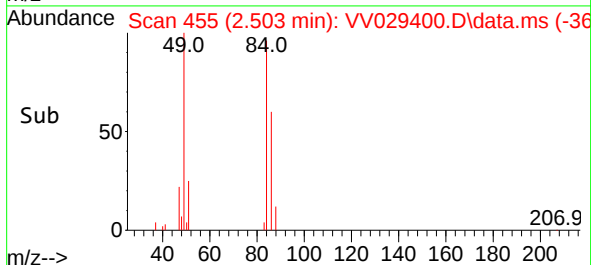
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

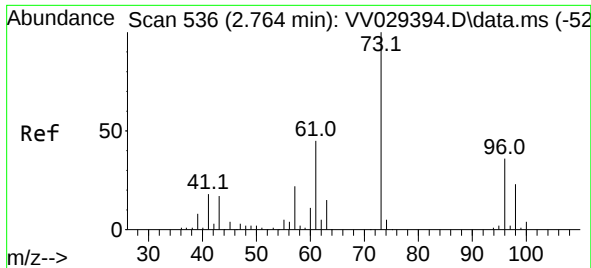


#16
Methylene chloride
Concen: 0.302 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11



Tgt Ion: 84 Resp: 5484
Ion Ratio Lower Upper
84 100
86 62.3 45.6 84.6
49 103.8 77.8 144.4





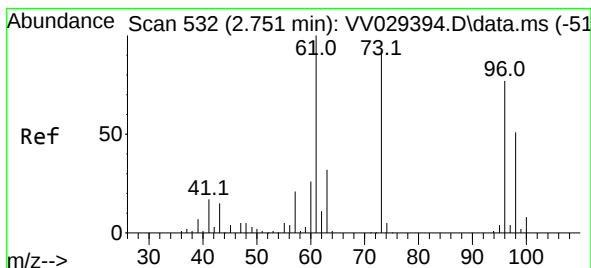
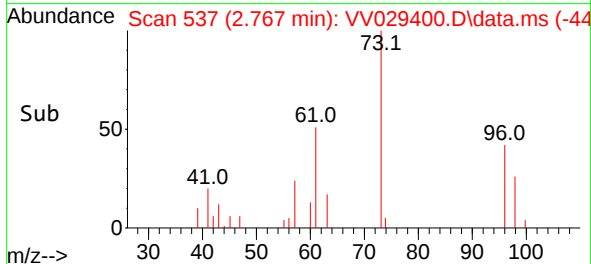
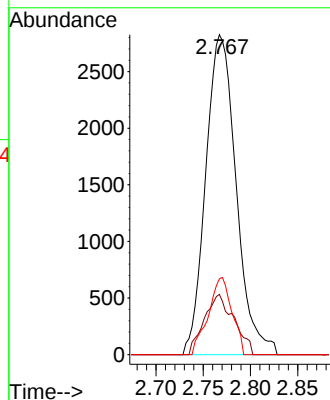
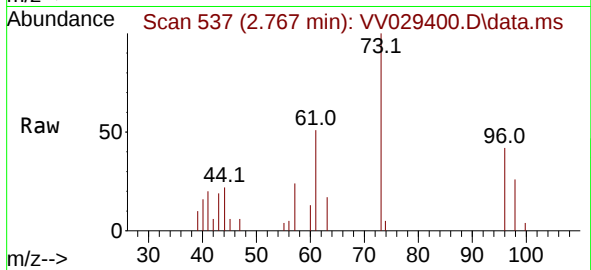
#17
Methyl tert-butyl Ether
Concen: 0.209 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion: 73 Resp: 6338
Ion Ratio Lower Upper
73 100
43 18.4 13.2 19.8
57 18.7 16.9 25.3

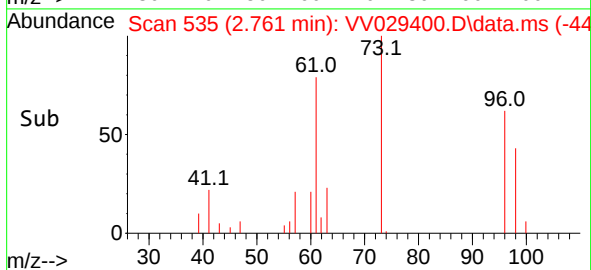
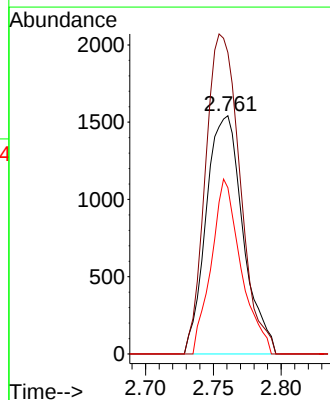
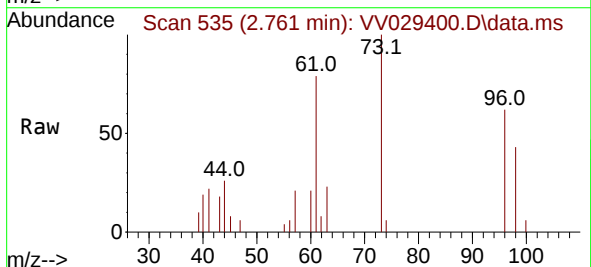
Manual Integrations
APPROVED

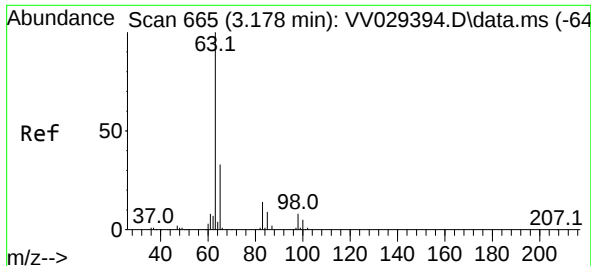
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#18
trans-1,2-Dichloroethene
Concen: 0.214 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.006 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

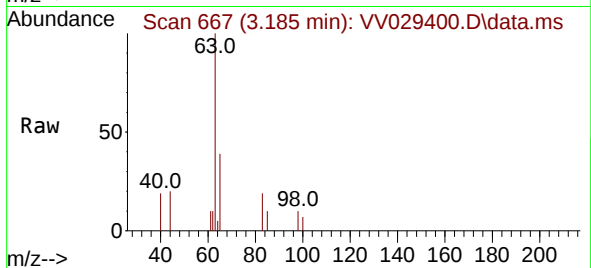
Tgt Ion: 96 Resp: 2920
Ion Ratio Lower Upper
96 100
61 126.5 93.0 172.6
98 69.8 44.0 81.8





#19
1,1-Dichloroethane
Concen: 0.212 ug/L
RT: 3.185 min Scan# 665
Delta R.T. 0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

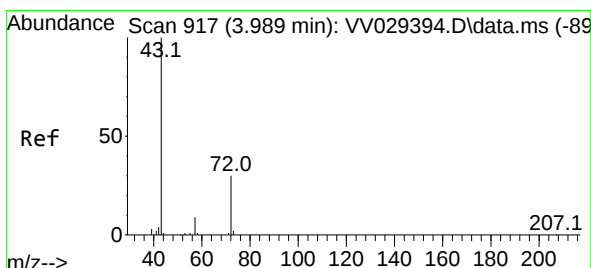
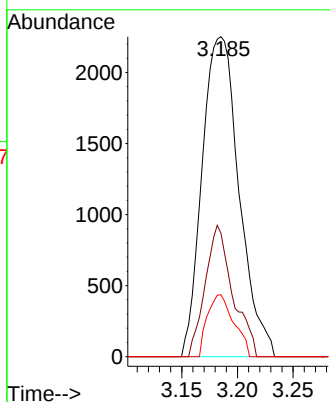
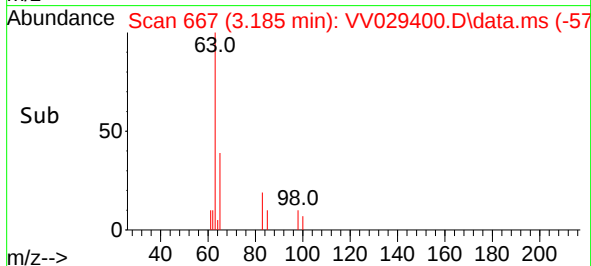
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 63 Resp: 5204
Ion Ratio Lower Upper
63 100
65 38.6 21.6 40.2
83 19.4 10.3 19.1

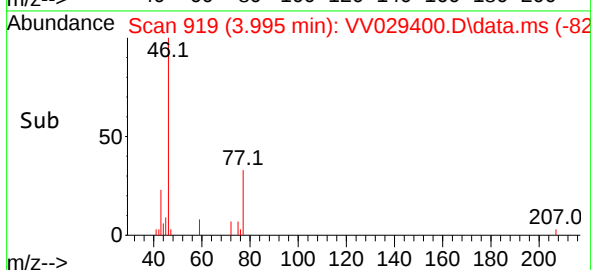
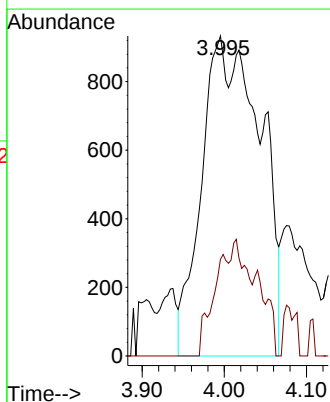
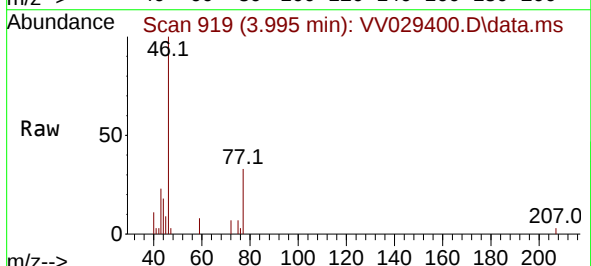
Manual Integrations
APPROVED

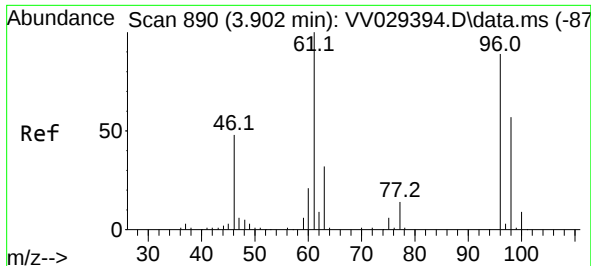
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#21
2-Butanone
Concen: 1.709 ug/L m
RT: 3.995 min Scan# 919
Delta R.T. 0.010 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion: 43 Resp: 4623
Ion Ratio Lower Upper
43 100
72 9.1 13.8 41.3#





#22

cis-1,2-Dichloroethene

Concen: 0.211 ug/L

RT: 3.909 min Scan# 890

Delta R.T. 0.006 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 96 Resp: 328

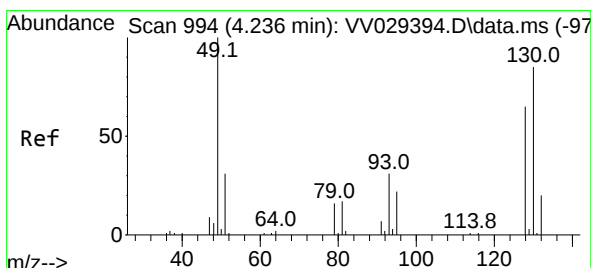
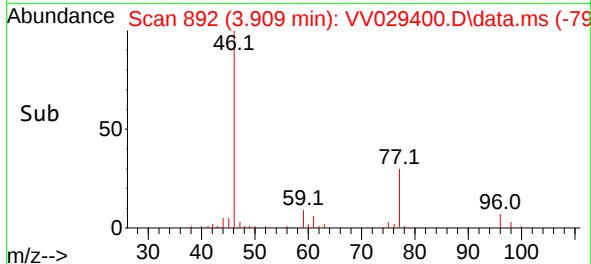
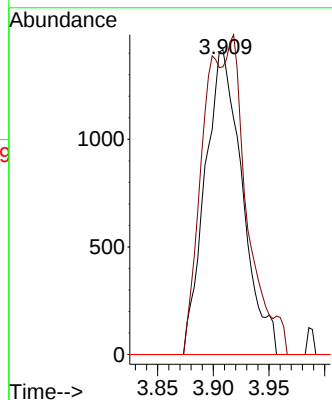
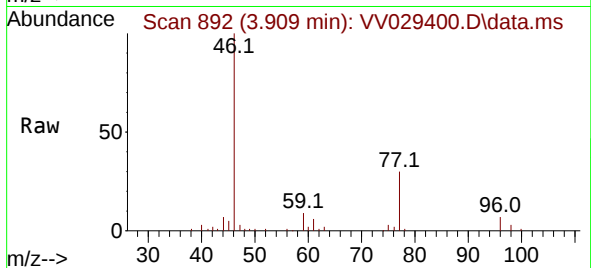
Ion	Ratio	Lower	Upper
96	100		
61	94.4	85.8	159.3
68	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#23

Bromochloromethane

Concen: 0.222 ug/L

RT: 4.243 min Scan# 996

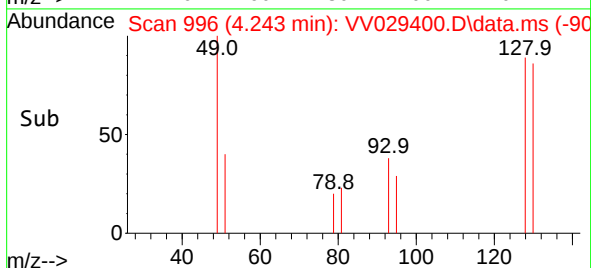
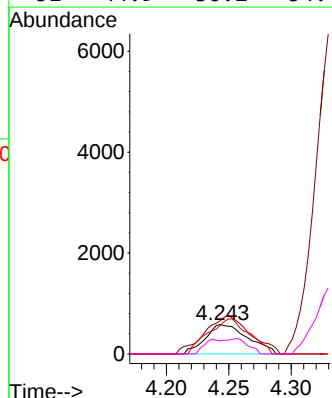
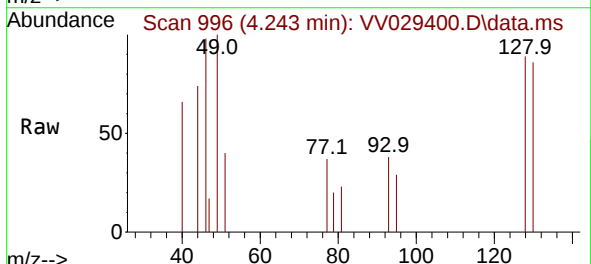
Delta R.T. 0.003 min

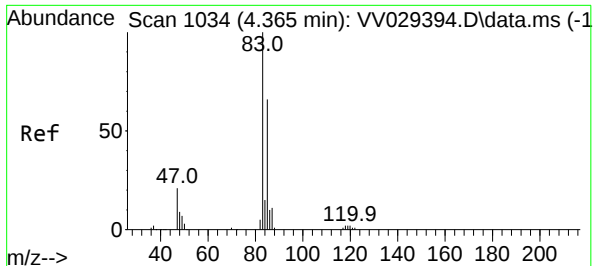
Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

Tgt Ion:128 Resp: 1384

Ion	Ratio	Lower	Upper
128	100		
49	112.3	100.0	185.8
130	96.2	90.2	167.6
51	44.9	36.2	54.4





#25

Chloroform

Concen: 0.223 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 83 Resp: 5710

Ion Ratio Lower Upper

83 100

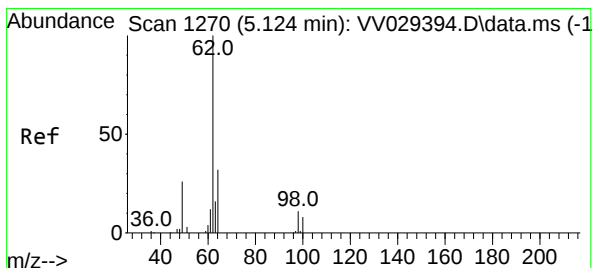
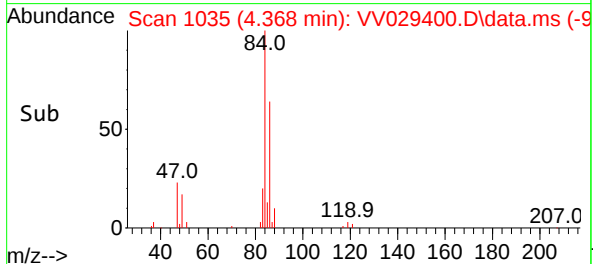
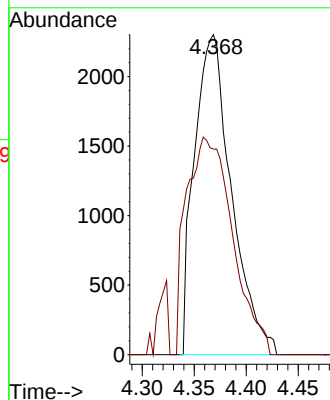
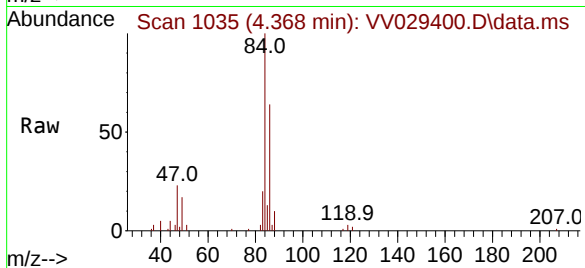
85 64.2 45.4 84.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#27

1,2-Dichloroethane

Concen: 0.181 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV029400.D

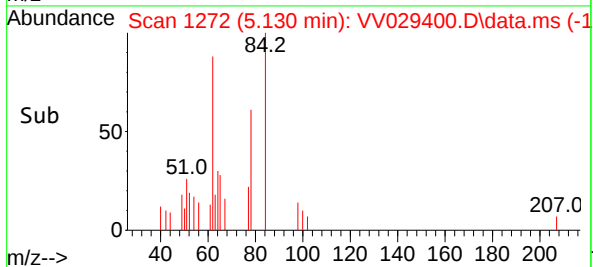
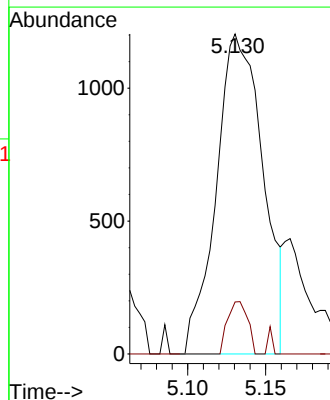
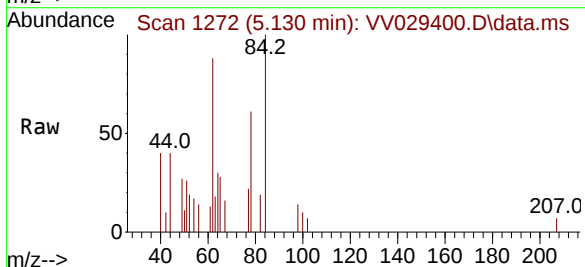
Acq: 05 Dec 2022 13:11

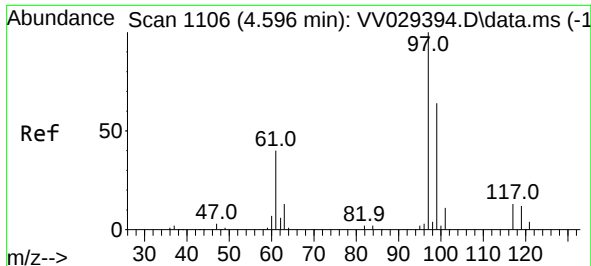
Tgt Ion: 62 Resp: 2510

Ion Ratio Lower Upper

62 100

98 16.3 8.4 12.6#





#29

1,1,1-Trichloroethane

Concen: 0.205 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

MDL05

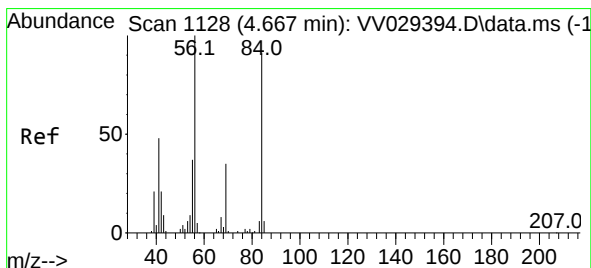
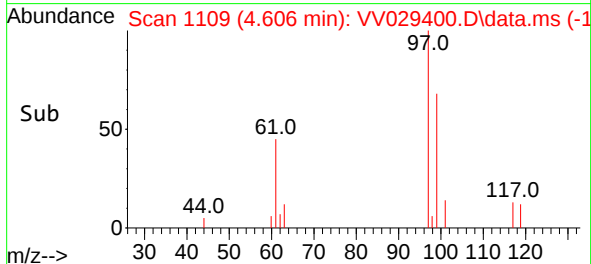
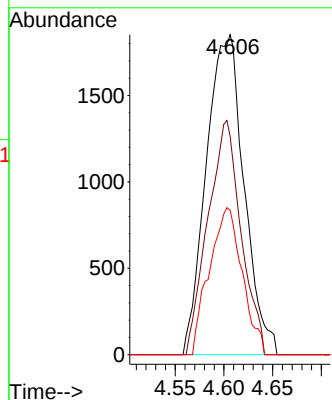
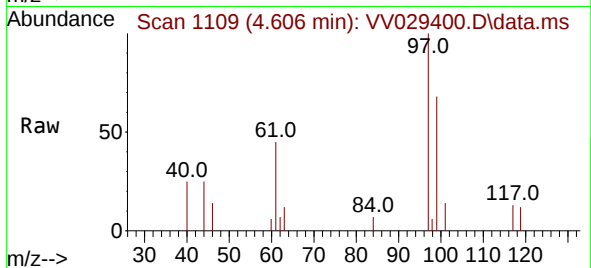
Tgt Ion: 97	Resp: 499
Ion Ratio	Lower Upper
97 100	
99 64.2	51.2 76.8
61 40.0	33.3 49.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#30

Cyclohexane

Concen: 0.186 ug/L

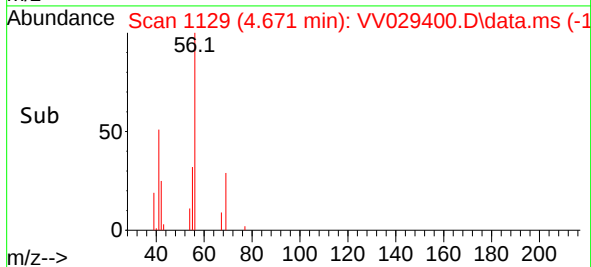
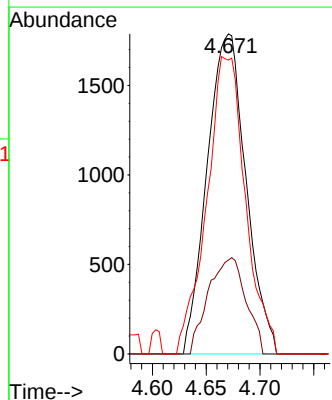
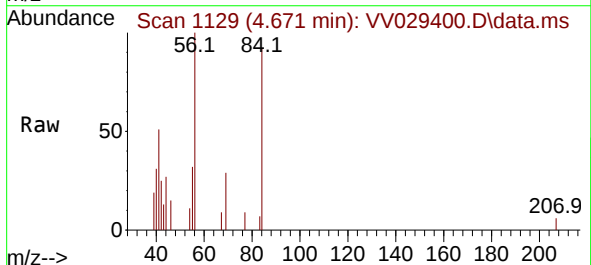
RT: 4.671 min Scan# 1129

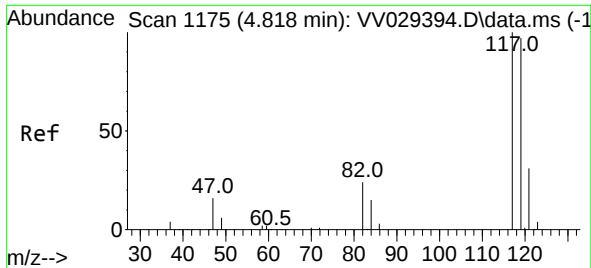
Delta R.T. 0.003 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

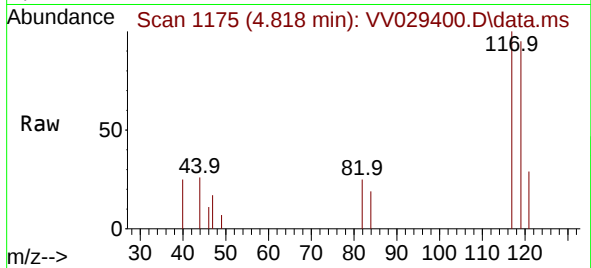
Tgt Ion: 56	Resp: 4494
Ion Ratio	Lower Upper
56 100	
69 29.1	26.1 39.1
84 92.4	75.6 113.4





#31
Carbon tetrachloride
Concen: 0.196 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

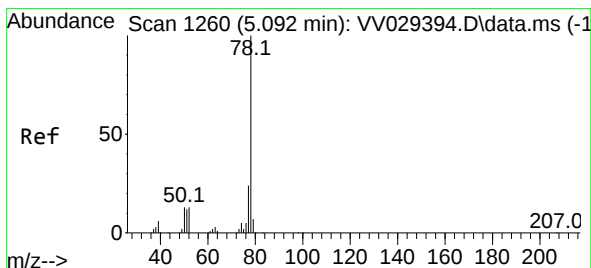
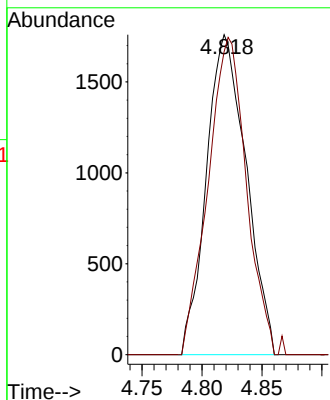
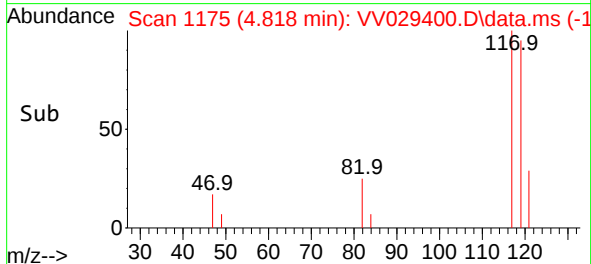
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 117 Resp: 4054
Ion Ratio Lower Upper
117 100
119 95.3 75.7 113.5

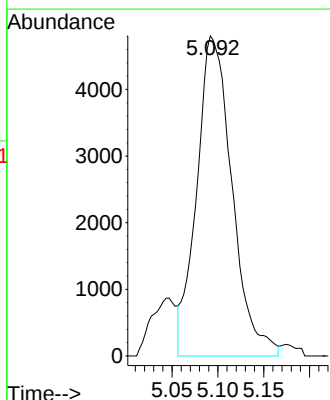
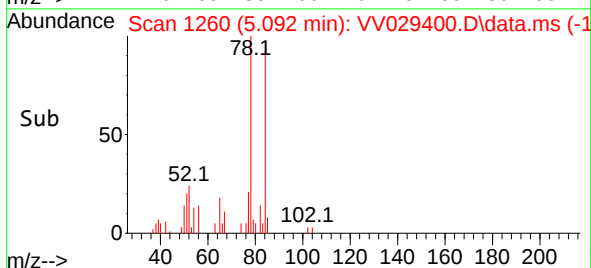
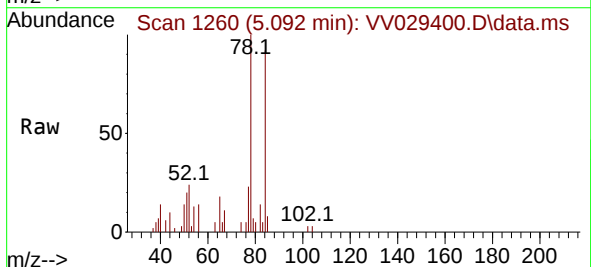
Manual Integrations
APPROVED

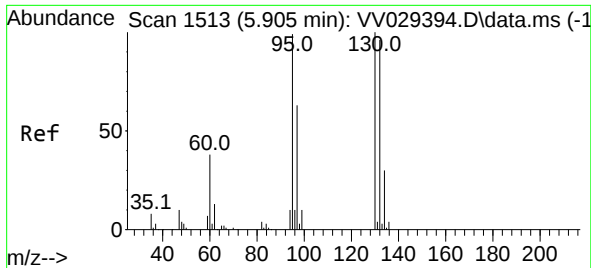
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#33
Benzene
Concen: 0.203 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

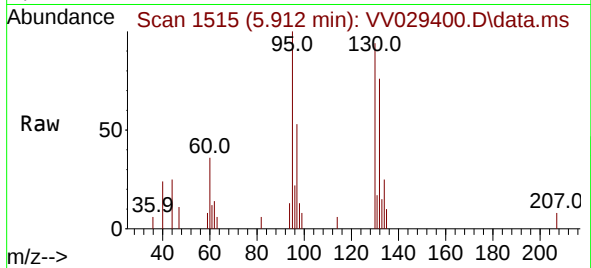
Tgt Ion: 78 Resp: 12864





#34
Trichloroethene
Concen: 0.212 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

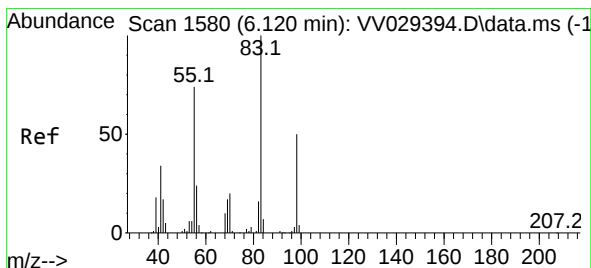
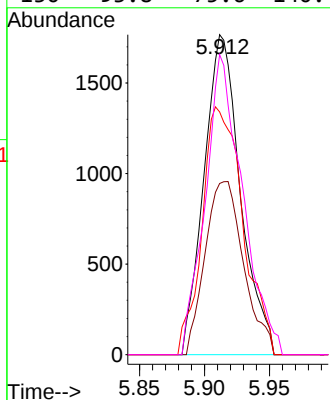
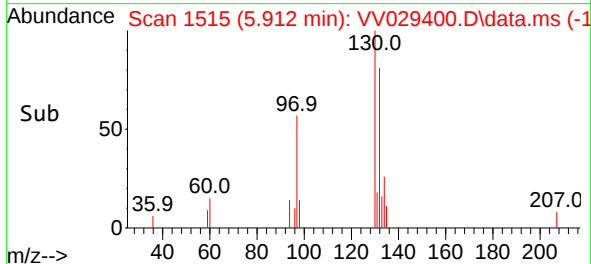
Instrument :
MSVOA_V
ClientSampleId :
MDL05



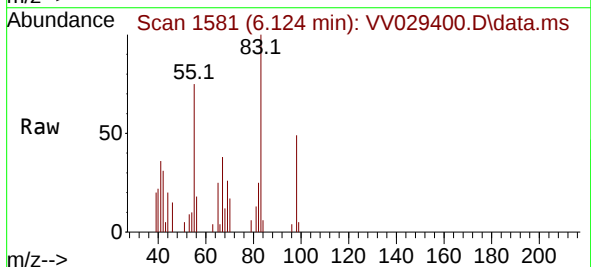
Tgt Ion	Ratio	Lower	Upper
95	100		
97	53.5	45.4	84.4
132	75.8	73.3	136.1
130	93.8	75.6	140.4

Manual Integrations
APPROVED

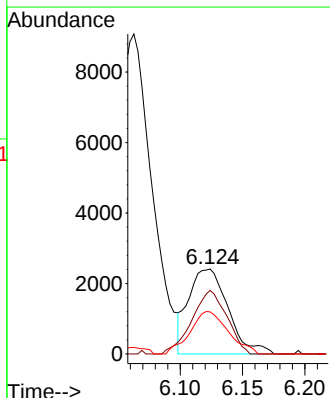
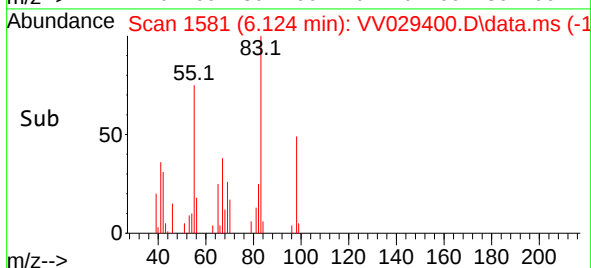
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

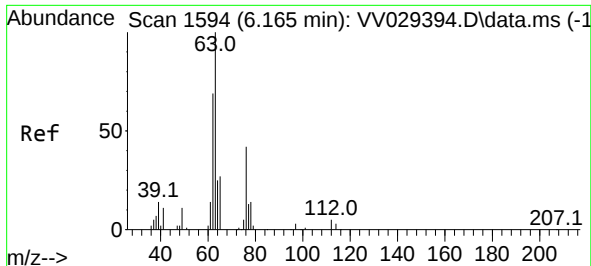


#35
Methylcyclohexane
Concen: 0.195 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11



Tgt Ion	Ratio	Lower	Upper
83	100		
55	65.8	55.4	83.2
98	47.9	39.4	59.2





#37

1,2-Dichloropropane

Concen: 0.218 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 63 Resp: 326

Ion Ratio Lower Upper

63 100

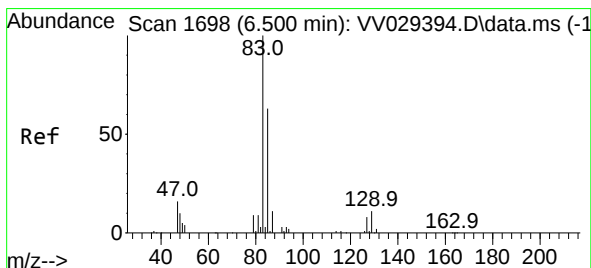
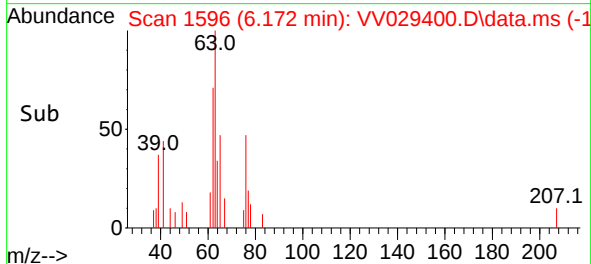
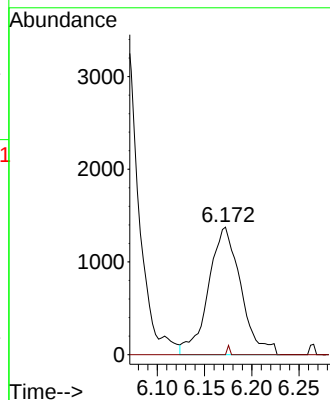
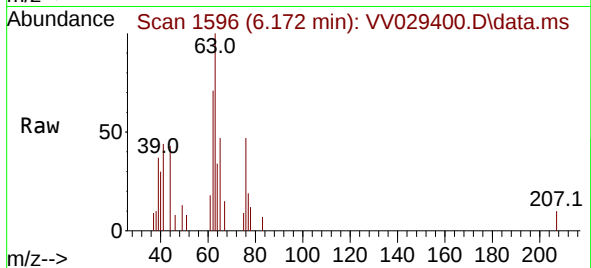
112 0.6 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#38

Bromodichloromethane

Concen: 0.227 ug/L

RT: 6.507 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

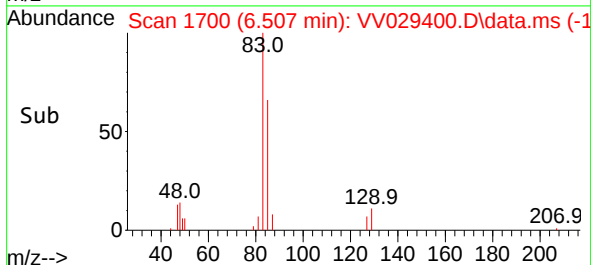
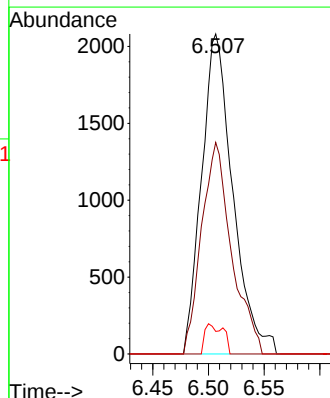
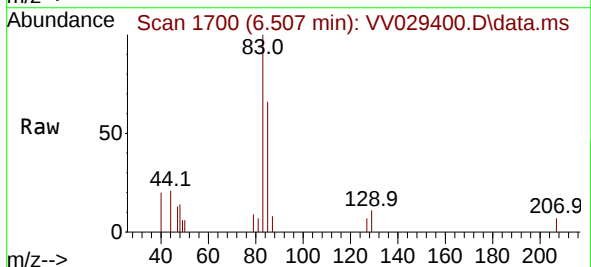
Tgt Ion: 83 Resp: 4057

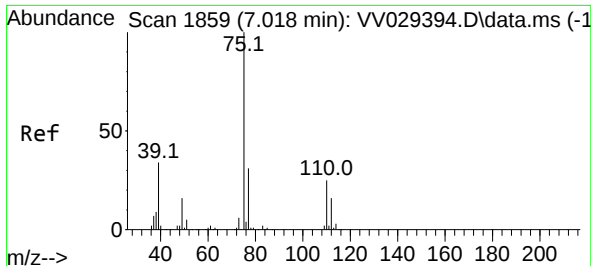
Ion Ratio Lower Upper

83 100

85 66.1 44.7 83.1

127 7.1 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 0.215 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.006 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 75 Resp: 4692

Ion Ratio Lower Upper

75 100

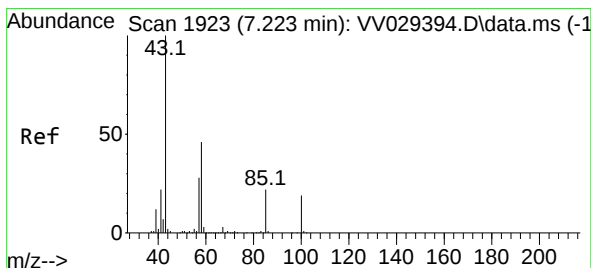
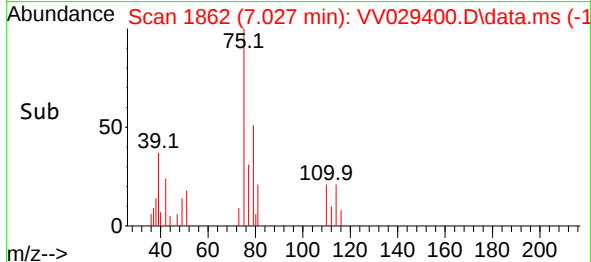
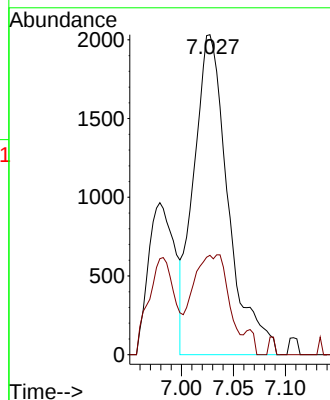
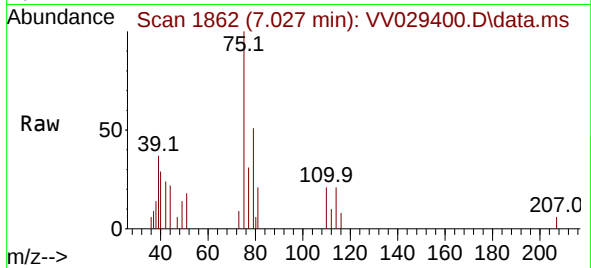
77 31.0 22.7 42.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#40

4-Methyl-2-pentanone

Concen: 1.790 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

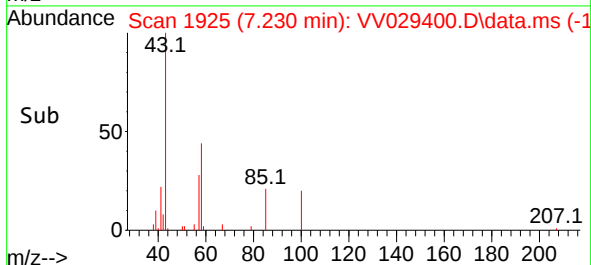
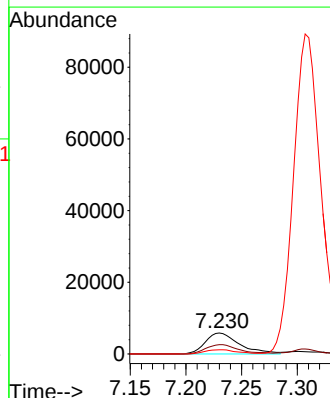
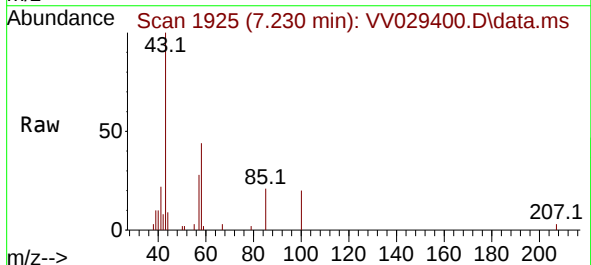
Tgt Ion: 43 Resp: 12529

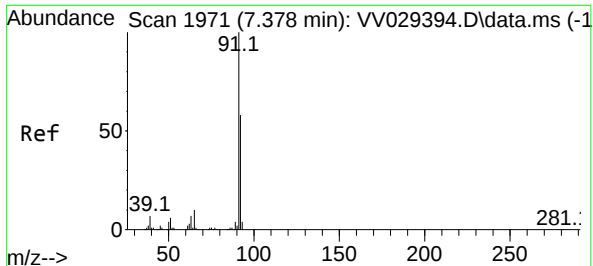
Ion Ratio Lower Upper

43 100

58 43.1 35.3 52.9

100 0.0 15.3 22.9#





#42

Toluene

Concen: 0.197 ug/L

RT: 7.384 min Scan# 1971

Delta R.T. 0.006 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 91 Resp: 13420

Ion Ratio Lower Upper

91 100

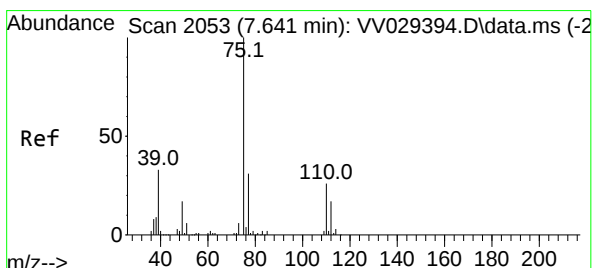
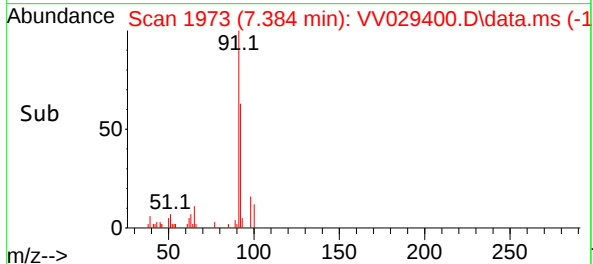
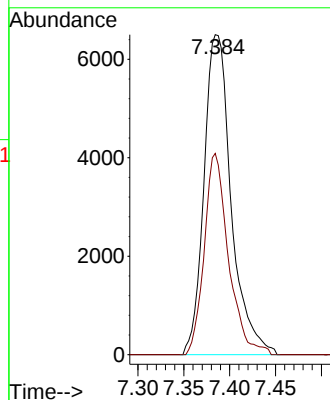
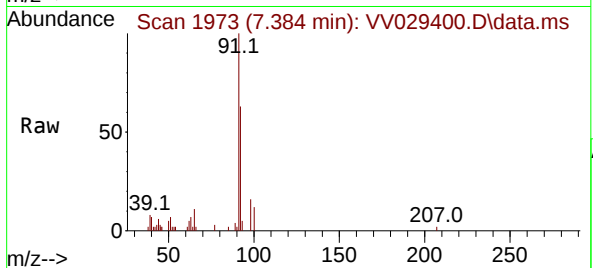
92 62.9 40.8 75.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#44

trans-1,3-Dichloropropene

Concen: 0.213 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.013 min

Lab File: VV029400.D

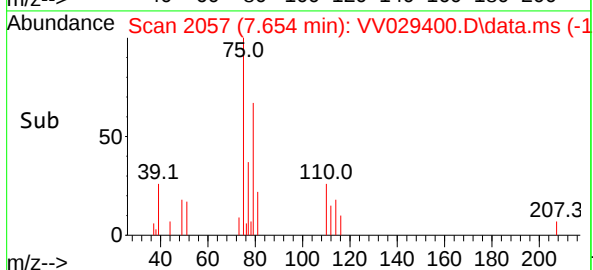
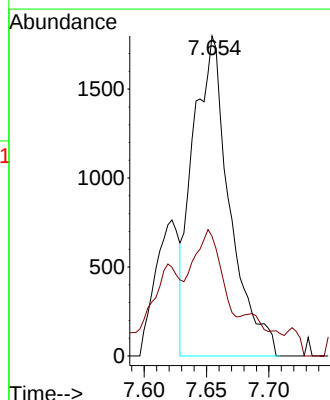
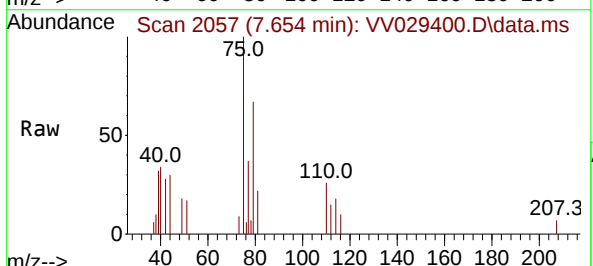
Acq: 05 Dec 2022 13:11

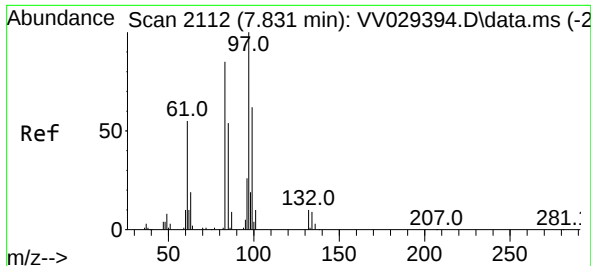
Tgt Ion: 75 Resp: 3690

Ion Ratio Lower Upper

75 100

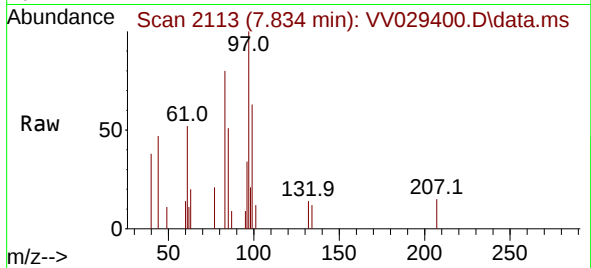
77 37.4 22.4 41.6





#45
1,1,2-Trichloroethane
Concen: 0.210 ug/L
RT: 7.834 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Instrument :
MSVOA_V
ClientSampleId :
MDL05

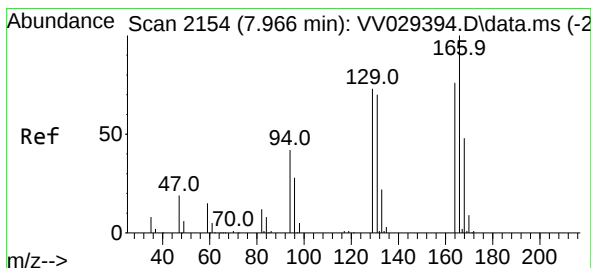
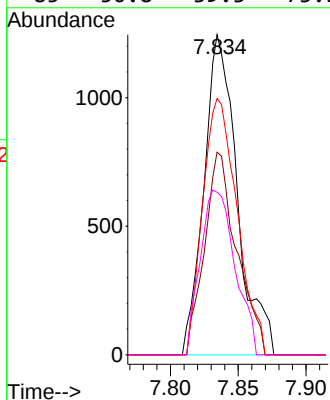
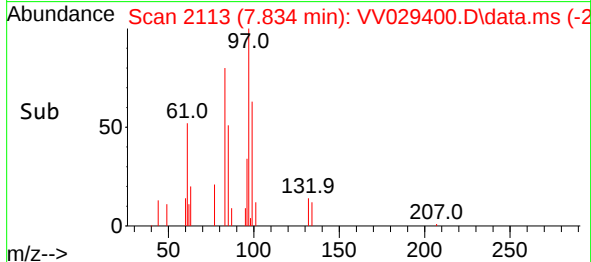


Tgt Ion: 97 Resp: 212

Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.4	82.5
83	80.1	59.5	110.5
85	50.8	39.3	73.1

Manual Integrations
APPROVED

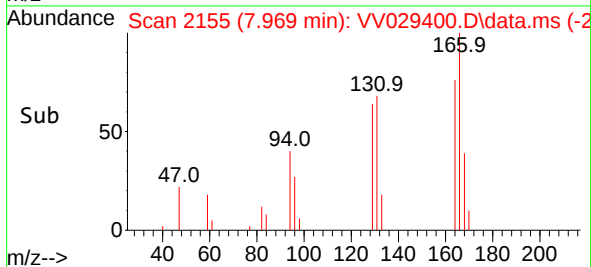
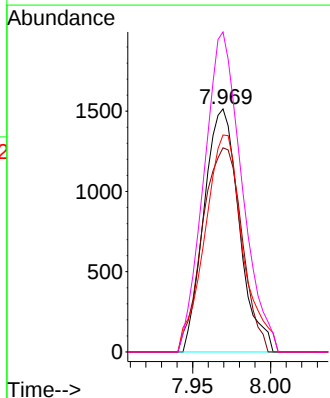
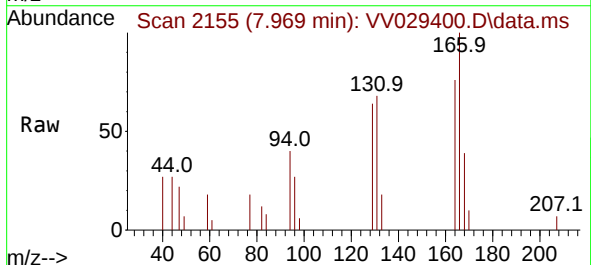
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

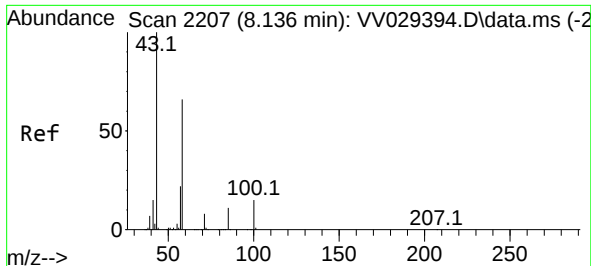


#47
Tetrachloroethene
Concen: 0.179 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion:164 Resp: 2378

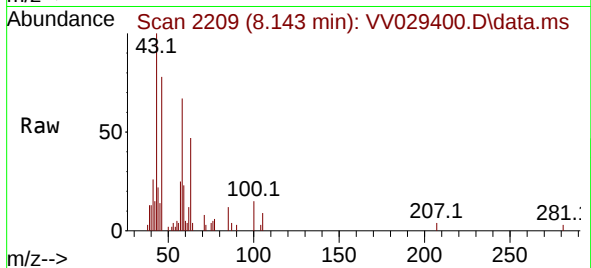
Ion	Ratio	Lower	Upper
164	100		
129	84.0	61.7	114.7
131	89.3	62.9	116.9
166	131.7	88.5	164.3





#48
2-Hexanone
Concen: 2.026 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

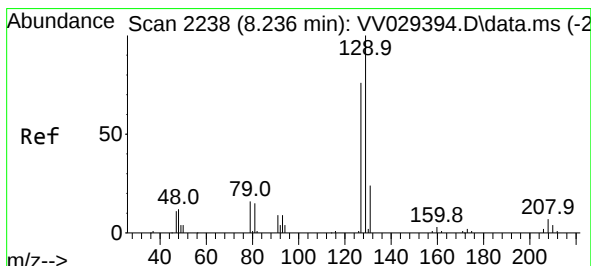
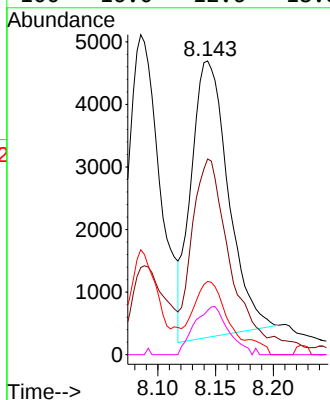
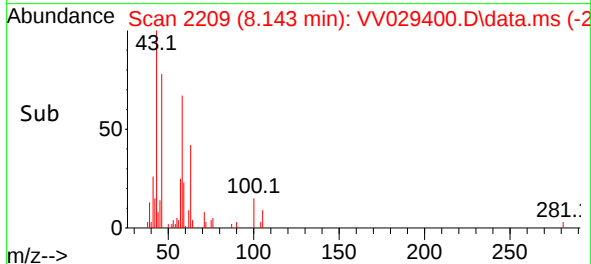
Instrument :
MSVOA_V
ClientSampleId :
MDL05



Tgt Ion: 43 Resp: 9884
Ion Ratio Lower Upper
43 100
58 77.1 49.4 74.0
57 26.2 16.9 25.3
100 16.0 12.6 18.8

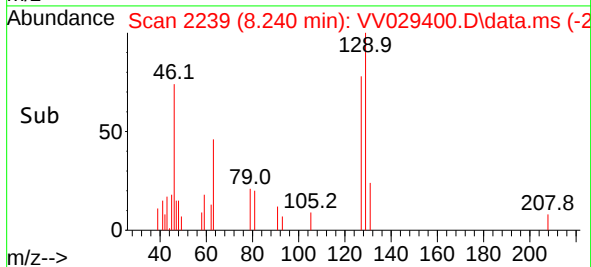
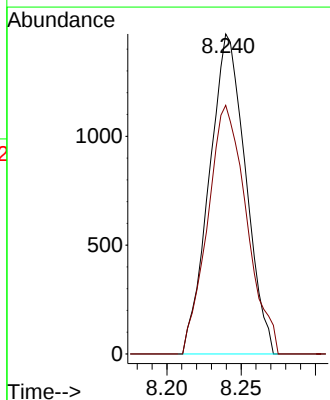
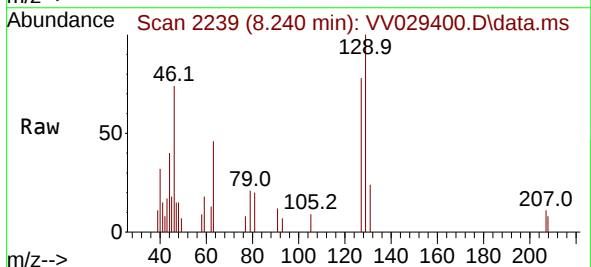
Manual Integrations
APPROVED

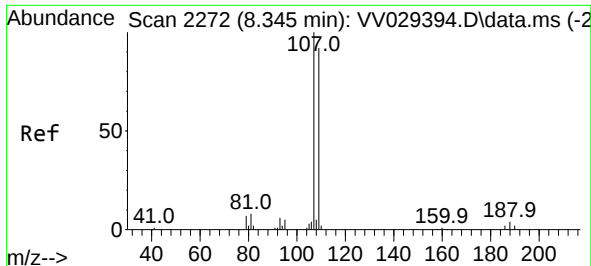
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#49
Dibromochloromethane
Concen: 0.219 ug/L
RT: 8.240 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion:129 Resp: 2494
Ion Ratio Lower Upper
129 100
127 77.7 53.1 98.7





#50

1,2-Dibromoethane

Concen: 0.213 ug/L

RT: 8.352 min Scan# 2272

Delta R.T. 0.010 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

MDL05

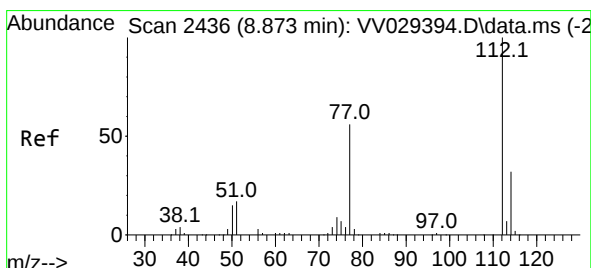
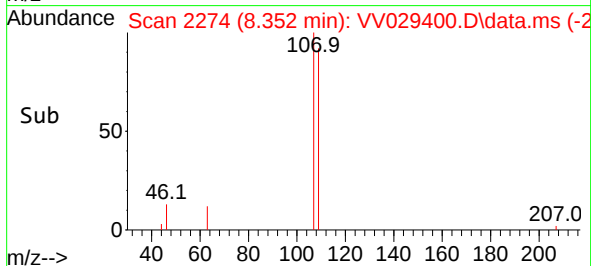
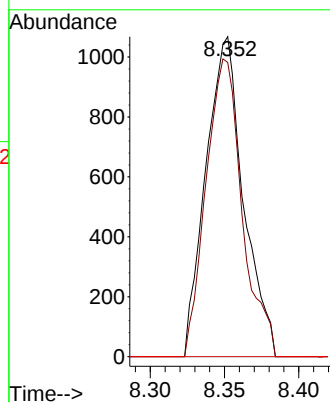
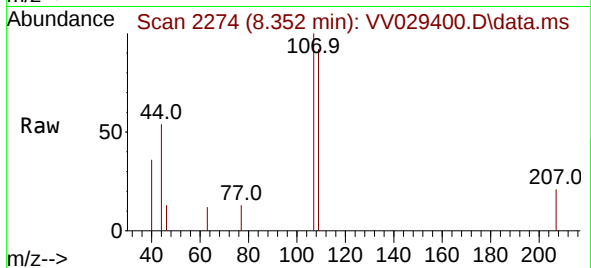
Tgt Ion:	107	Resp:	1880
Ion	Ratio	Lower	Upper
107	100		
109	91.9	64.0	118.8
188	0.0	3.0	4.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#51

Chlorobenzene

Concen: 0.204 ug/L

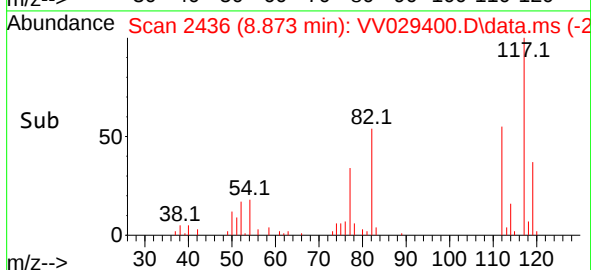
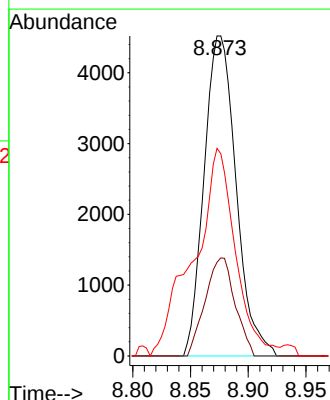
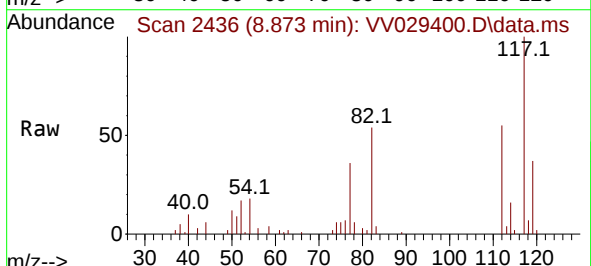
RT: 8.873 min Scan# 2436

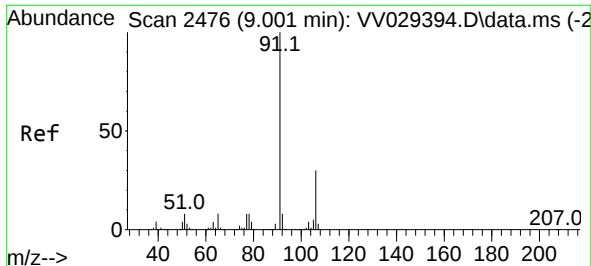
Delta R.T. 0.000 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

Tgt Ion:	112	Resp:	8704
Ion	Ratio	Lower	Upper
112	100		
114	29.2	22.9	42.5
77	64.9	45.3	67.9





#52

Ethylbenzene

Concen: 0.203 ug/L

RT: 9.008 min Scan# 2476

Delta R.T. 0.006 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion: 91 Resp: 1440

Ion Ratio Lower Upper

91 100

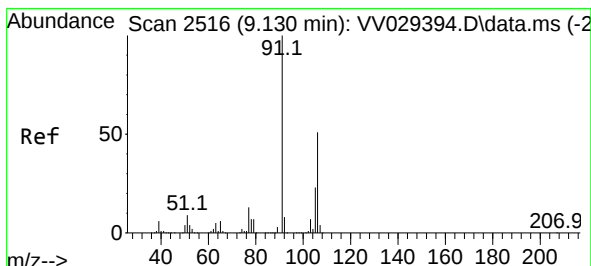
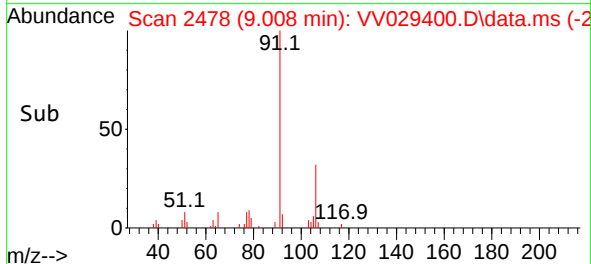
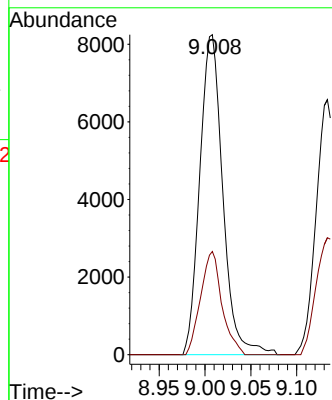
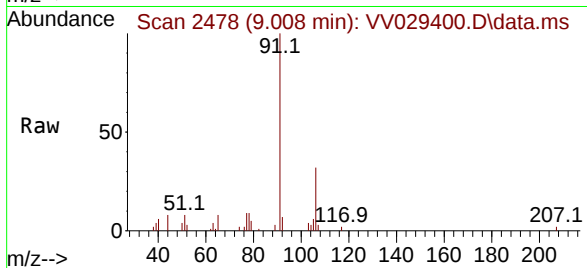
106 32.3 21.9 40.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#53

m,p-Xylene

Concen: 0.196 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV029400.D

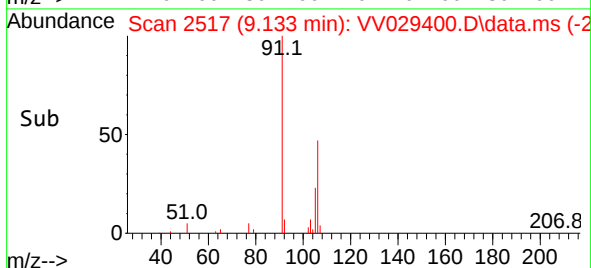
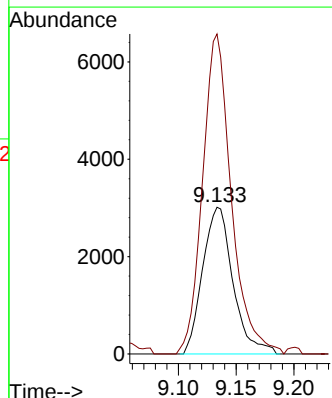
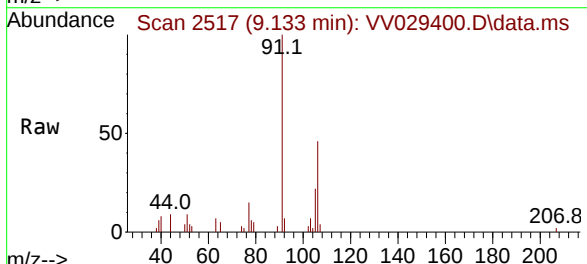
Acq: 05 Dec 2022 13:11

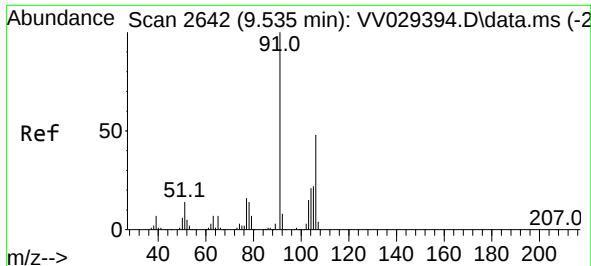
Tgt Ion:106 Resp: 5500

Ion Ratio Lower Upper

106 100

91 218.0 140.6 261.2





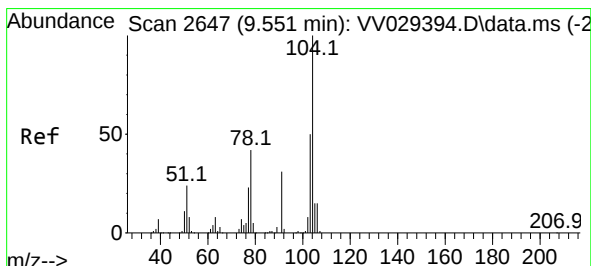
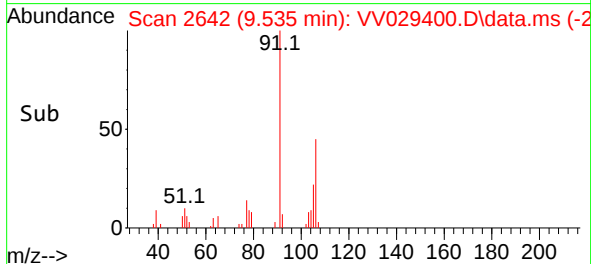
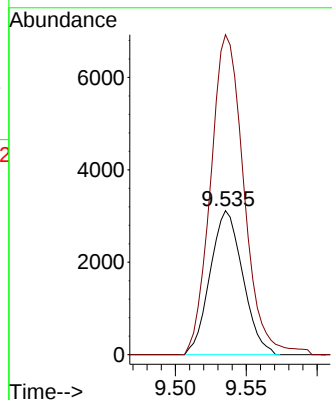
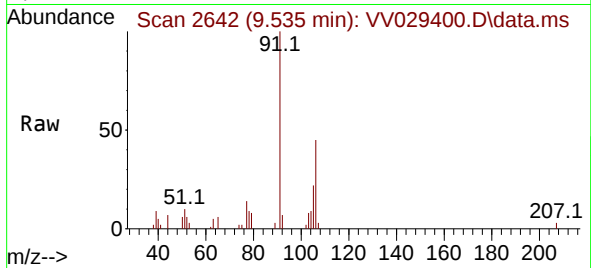
#54
o-Xylene
Concen: 0.182 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion:106 Resp: 5000
Ion Ratio Lower Upper
106 100
91 222.2 146.9 272.9

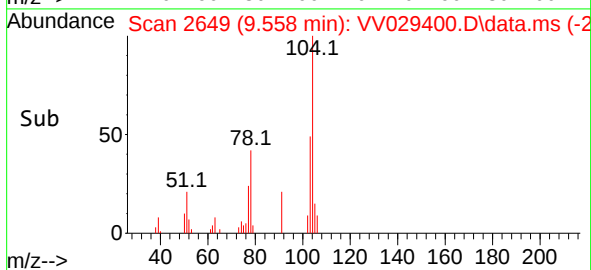
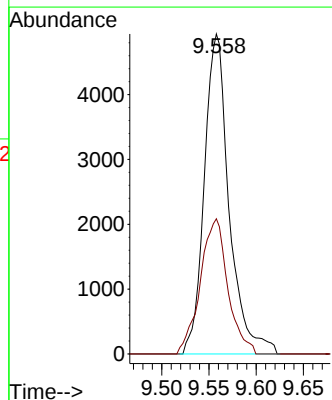
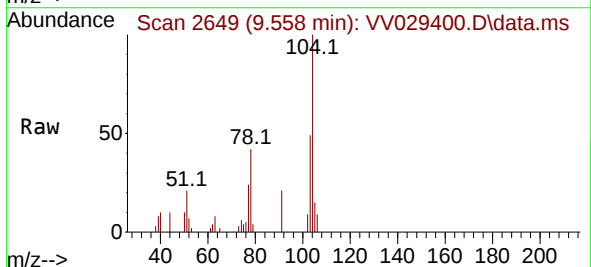
Manual Integrations
APPROVED

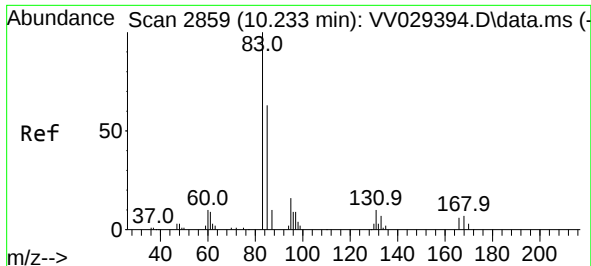
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#55
Styrene
Concen: 0.194 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.006 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Tgt Ion:104 Resp: 9019
Ion Ratio Lower Upper
104 100
78 42.2 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.257 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

MDL05

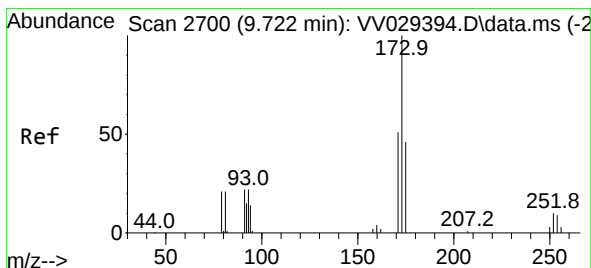
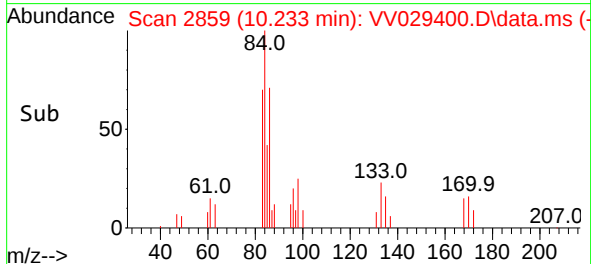
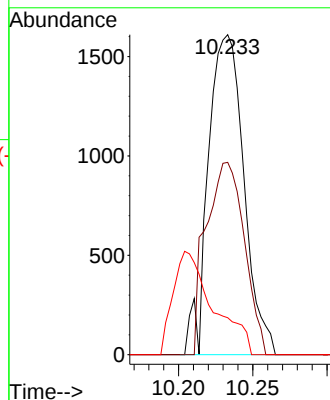
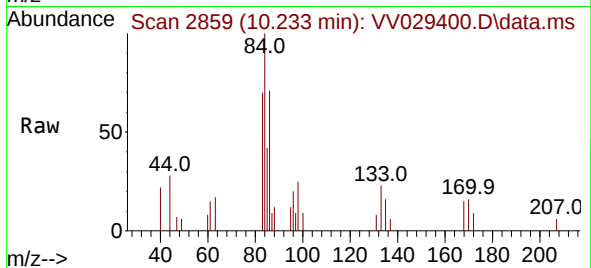
Tgt Ion:	83	Resp:	2689
Ion Ratio	Lower	Upper	
83	100		
85	60.1	45.5	84.5
131	11.6	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/06/2022

Supervised By :Mahesh Dadoda 12/06/2022



#59

Bromoform

Concen: 0.237 ug/L

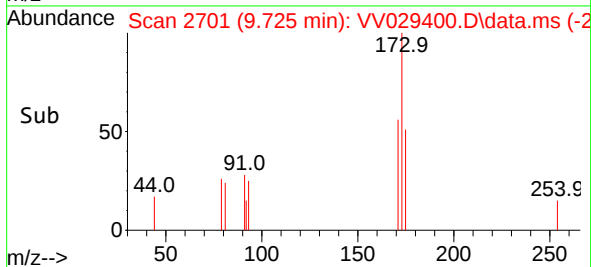
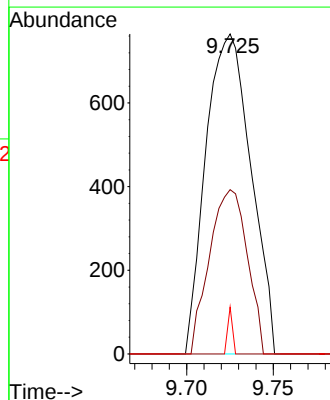
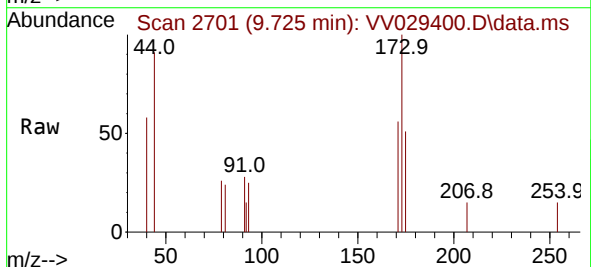
RT: 9.725 min Scan# 2701

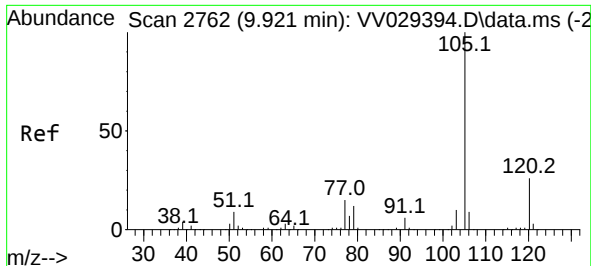
Delta R.T. 0.003 min

Lab File: VV029400.D

Acq: 05 Dec 2022 13:11

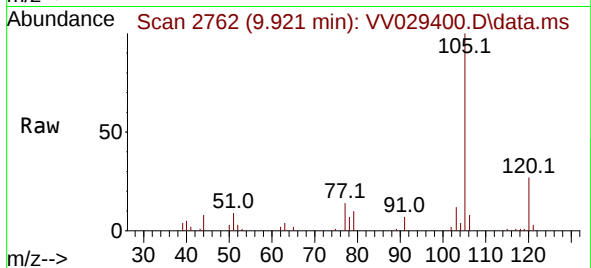
Tgt Ion:	173	Resp:	1383
Ion Ratio	Lower	Upper	
173	100		
175	43.0	38.6	58.0
254	1.6	8.3	12.5





#60
Isopropylbenzene
Concen: 0.192 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

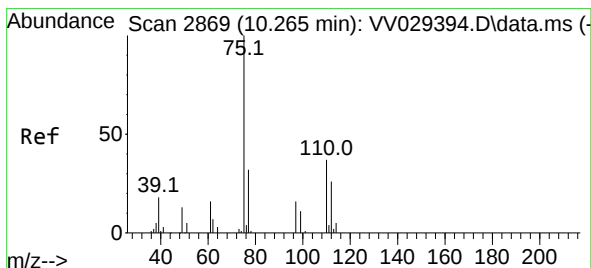
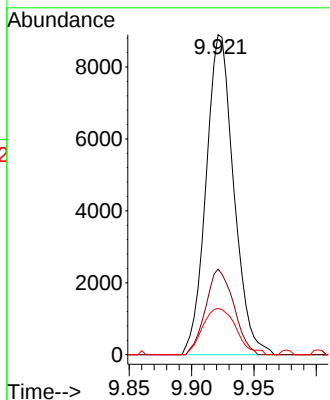
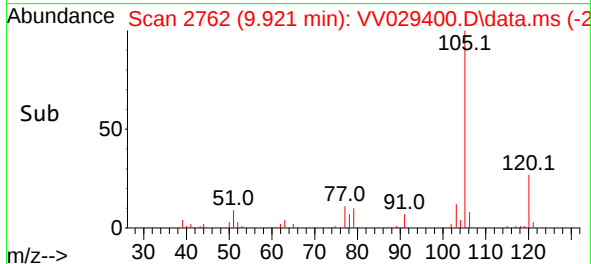
Instrument :
MSVOA_V
ClientSampleId :
MDL05



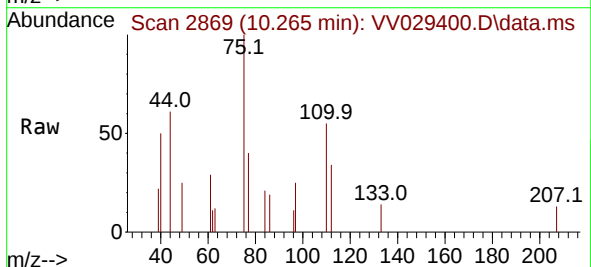
Tgt Ion:105 Resp: 1378
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.2
77 17.4 11.8 17.8

Manual Integrations
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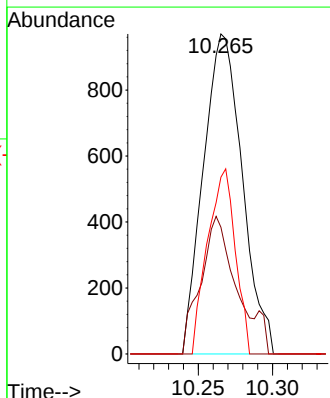
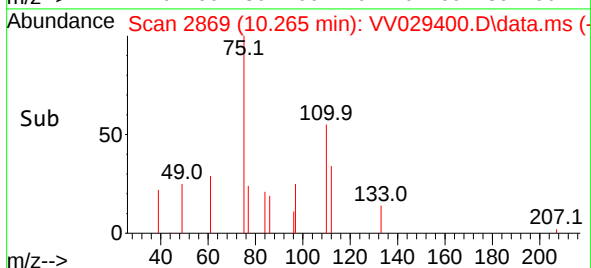
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

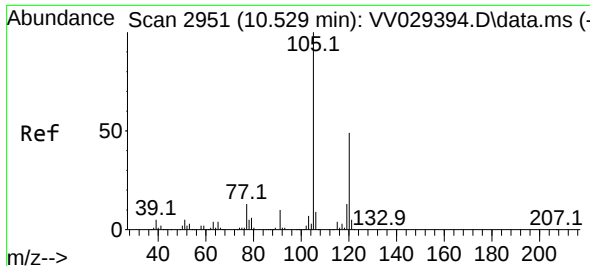


#61
1,2,3-Trichloropropane
Concen: 0.229 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11



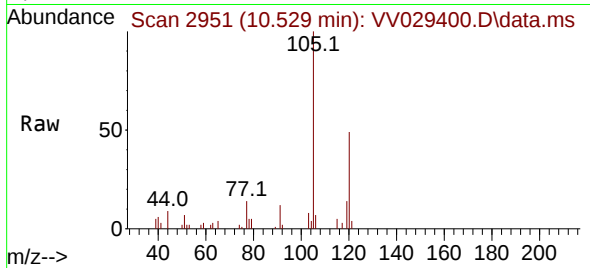
Tgt Ion: 75 Resp: 1768
Ion Ratio Lower Upper
75 100
77 40.3 26.7 40.1#
110 41.2 32.2 48.4





#62
 1,3,5-Trimethylbenzene
 Concen: 0.184 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VV029400.D
 Acq: 05 Dec 2022 13:11

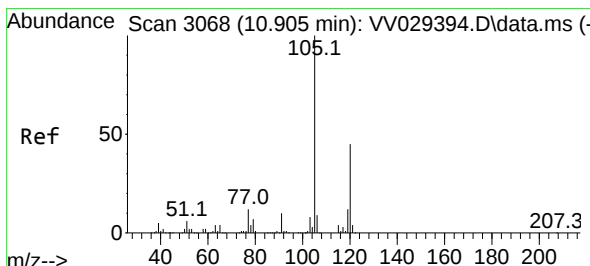
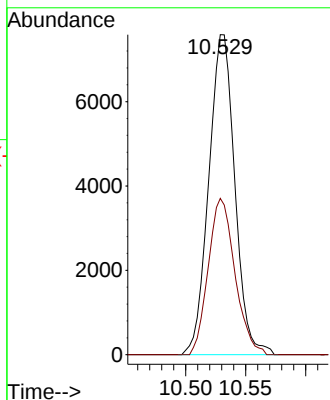
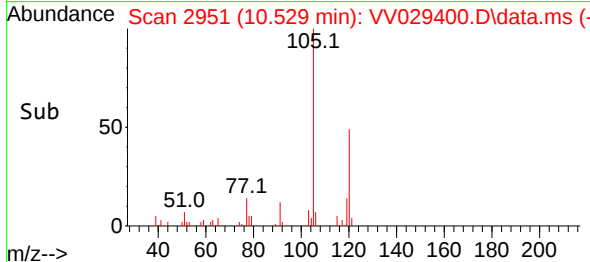
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05



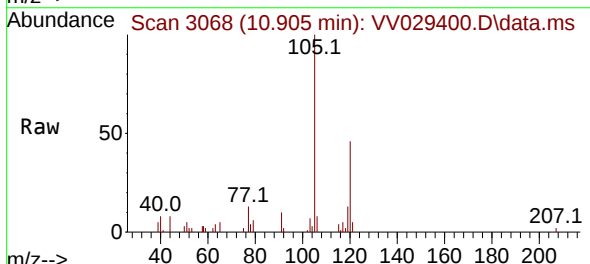
Tgt Ion:105 Resp: 11462
 Ion Ratio Lower Upper
 105 100
 120 50.0 39.6 59.4

Manual Integrations
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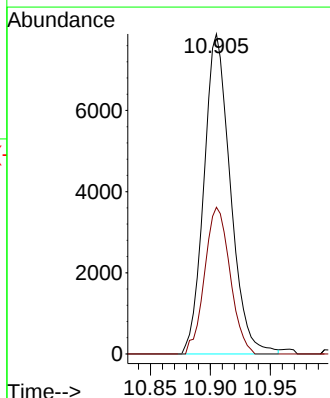
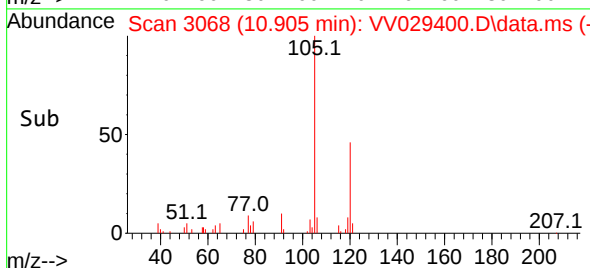
Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

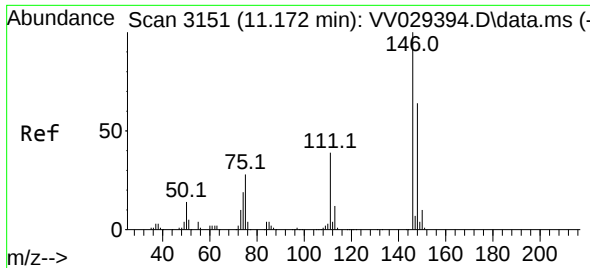


#63
 1,2,4-Trimethylbenzene
 Concen: 0.193 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.000 min
 Lab File: VV029400.D
 Acq: 05 Dec 2022 13:11



Tgt Ion:105 Resp: 12087
 Ion Ratio Lower Upper
 105 100
 120 43.9 37.2 55.8





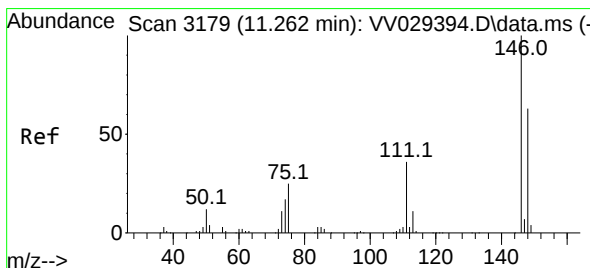
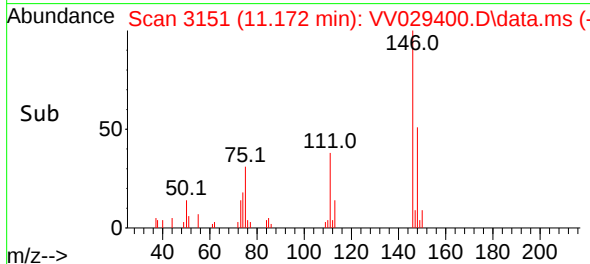
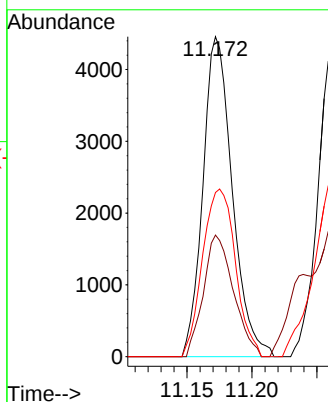
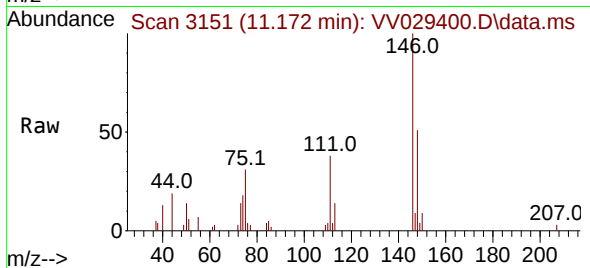
#64
1,3-Dichlorobenzene
Concen: 0.209 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tgt Ion:146 Resp: 7004
Ion Ratio Lower Upper
146 100
111 38.0 26.3 48.9
148 51.3 44.4 82.4

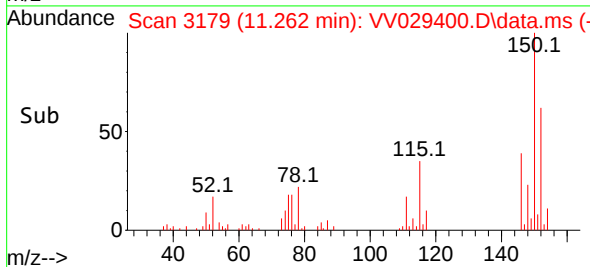
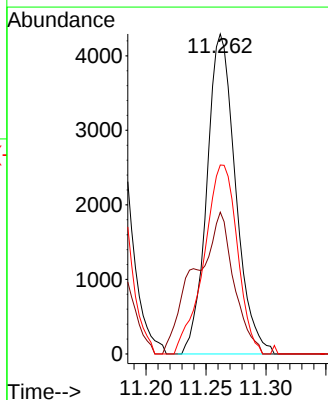
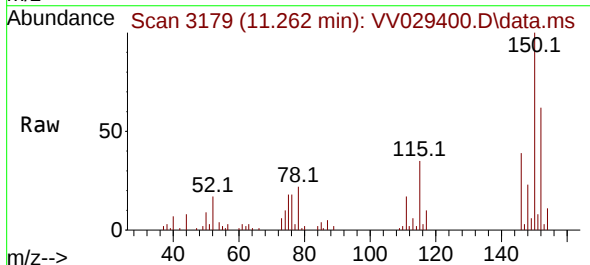
Manual Integrations
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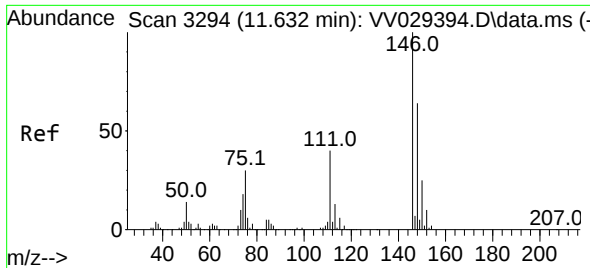
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#65
1,4-Dichlorobenzene
Concen: 0.215 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

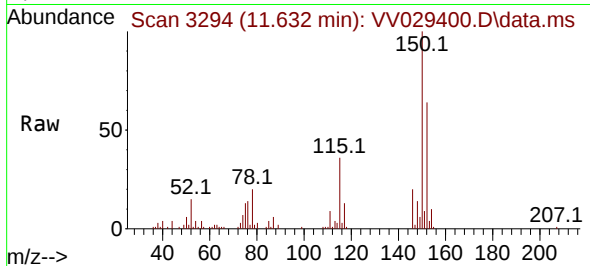
Tgt Ion:146 Resp: 7142
Ion Ratio Lower Upper
146 100
111 44.3 26.0 48.4
148 59.1 44.7 82.9





#67
1,2-Dichlorobenzene
Concen: 0.222 ug/L
RT: 11.632 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

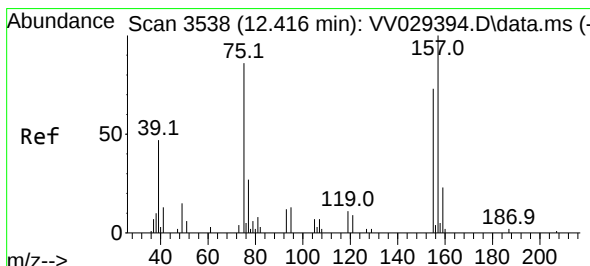
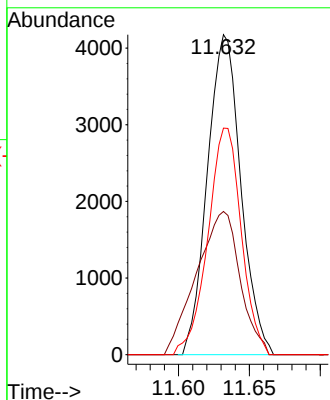
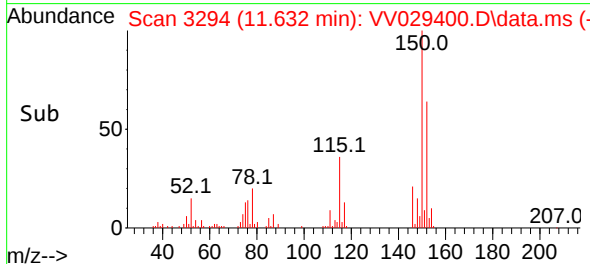
Instrument :
MSVOA_V
ClientSampleId :
MDL05



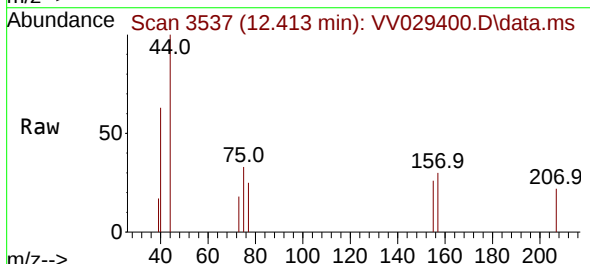
Tgt Ion:146 Resp: 686
Ion Ratio Lower Upper
146 100
111 44.7 33.5 50.3
148 70.8 50.7 76.1

Manual Integrations
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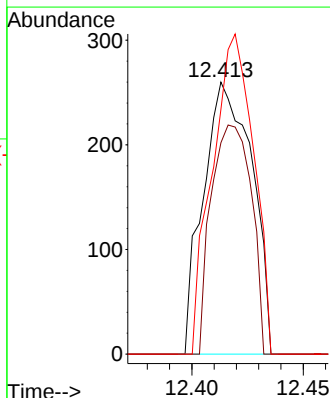
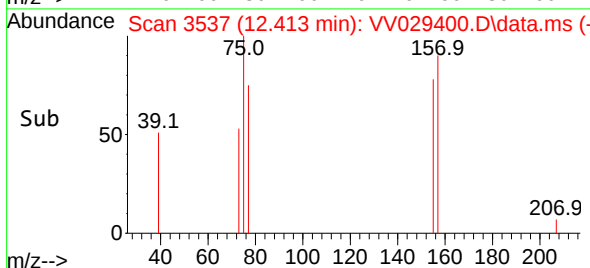
Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022

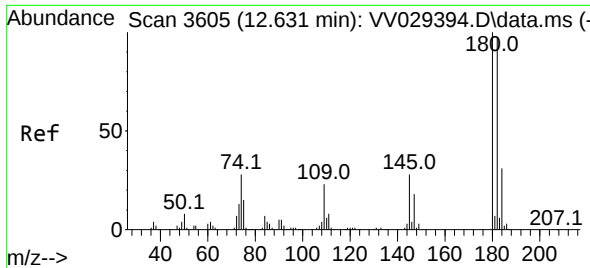


#68
1,2-Dibromo-3-chloropropane
Concen: 0.260 ug/L
RT: 12.413 min Scan# 3537
Delta R.T. -0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11



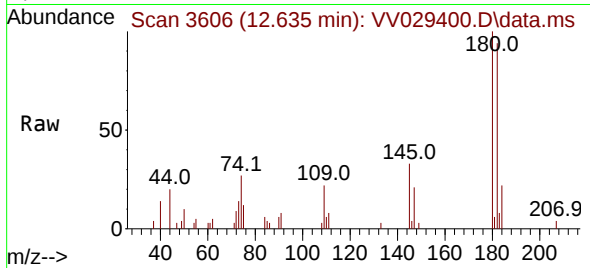
Tgt Ion: 75 Resp: 394
Ion Ratio Lower Upper
75 100
155 77.7 76.6 115.0
157 90.0 96.9 145.3#





#69
 1,3,5-Trichlorobenzene
 Concen: 0.216 ug/L
 RT: 12.635 min Scan# 3605
 Delta R.T. 0.003 min
 Lab File: VV029400.D
 Acq: 05 Dec 2022 13:11

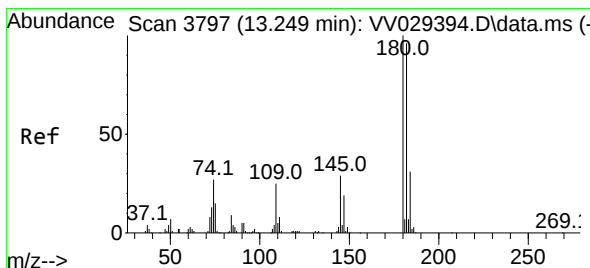
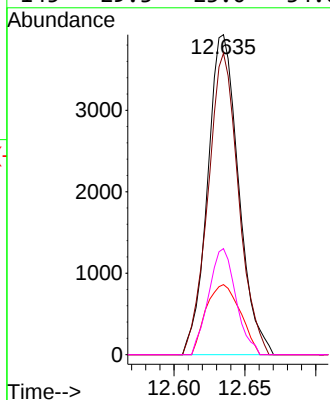
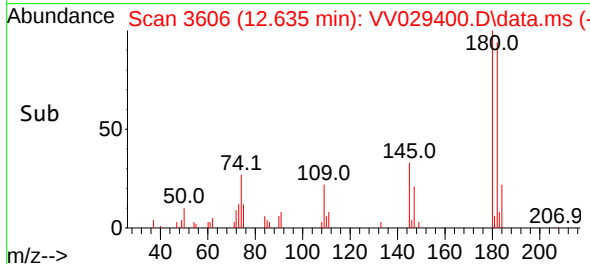
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05



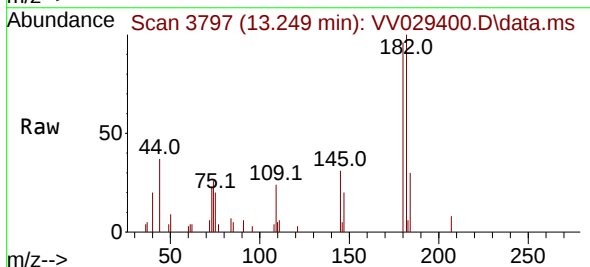
Tgt Ion:180 Resp: 5970
 Ion Ratio Lower Upper
 180 100
 182 92.8 77.0 115.6
 184 24.1 24.4 36.6
 145 29.3 23.0 34.6

Manual Integrations
 APPROVED

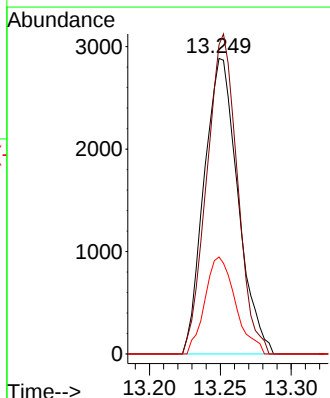
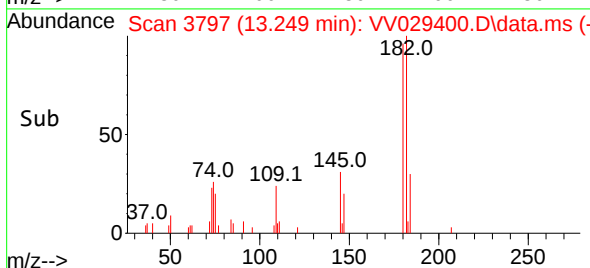
Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

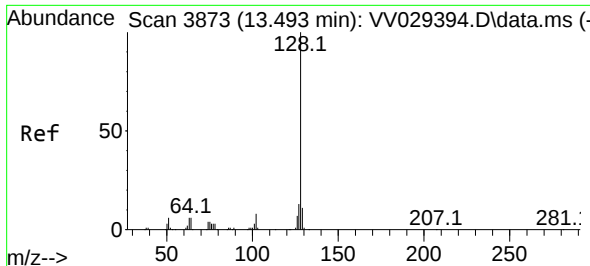


#70
 1,2,4-trichlorobenzene
 Concen: 0.214 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.000 min
 Lab File: VV029400.D
 Acq: 05 Dec 2022 13:11



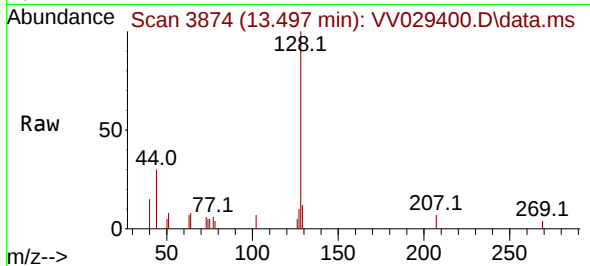
Tgt Ion:180 Resp: 4786
 Ion Ratio Lower Upper
 180 100
 182 98.0 76.2 114.4
 145 29.7 23.4 35.0





#71
Naphthalene
Concen: 0.293 ug/L
RT: 13.497 min Scan# 3874
Delta R.T. 0.003 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11

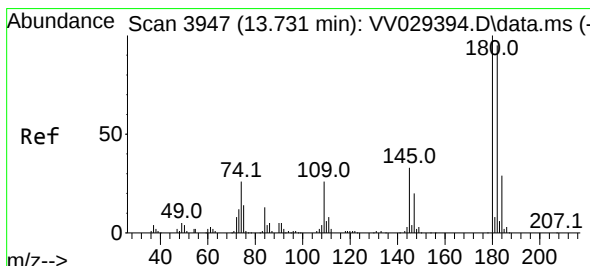
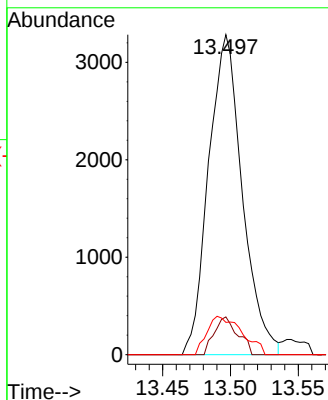
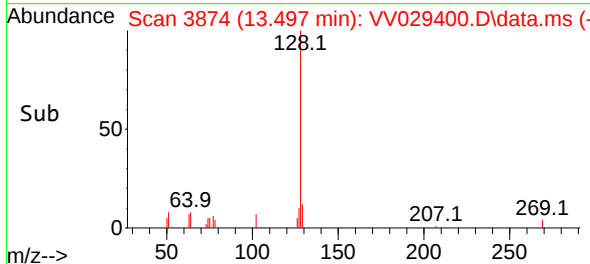
Instrument :
MSVOA_V
ClientSampleId :
MDL05



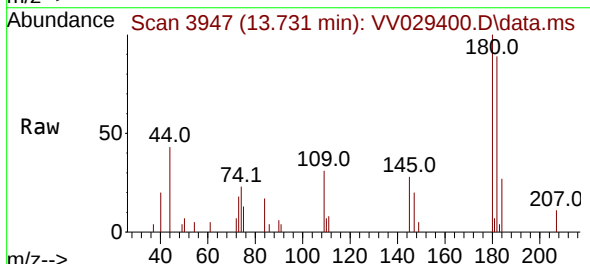
Tgt Ion:128 Resp: 567
Ion Ratio Lower Upper
128 100
129 8.2 8.9 13.3
127 12.4 10.6 15.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/06/2022
Supervised By :Mahesh Dadoda 12/06/2022



#72
1,2,3-Trichlorobenzene
Concen: 0.225 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VV029400.D
Acq: 05 Dec 2022 13:11



Tgt Ion:180 Resp: 4097
Ion Ratio Lower Upper
180 100
182 92.8 75.0 112.4
145 26.3 25.2 37.8

