

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081524\
 Data File : VY019071.D
 Acq On : 15 Aug 2024 17:24
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024

Quant Time: Aug 16 04:55:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:48:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	110476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	187167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	158917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	73893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	6848	6.184	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.360%#		
35) Dibromofluoromethane	7.622	113	6753	5.518	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.040%#		
50) Toluene-d8	10.103	98	24147	5.483	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	10.960%#		
62) 4-Bromofluorobenzene	12.407	95	8401	5.596	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	11.200%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.860	85	4256	5.251	ug/l	99
3) Chloromethane	2.068	50	8902	6.093	ug/l	95
4) Vinyl Chloride	2.196	62	10752	5.958	ug/l	95
5) Bromomethane	2.592	94	9669	3.247	ug/l	97
6) Chloroethane	2.726	64	7615	5.948	ug/l	91
7) Trichlorofluoromethane	3.043	101	15243	5.587	ug/l	98
8) Diethyl Ether	3.446	74	3443	5.846	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.799	101	7032	5.797	ug/l	96
10) Methyl Iodide	3.988	142	5152	4.333	ug/l #	93
11) Tert butyl alcohol	4.829	59	4916	12.762	ug/l #	96
12) 1,1-Dichloroethene	3.775	96	6315	5.730	ug/l	96
13) Acrolein	3.634	56	3078	18.781	ug/l	99
14) Allyl chloride	4.372	41	8275	5.648	ug/l	94
15) Acrylonitrile	5.037	53	6580	27.306	ug/l	95
16) Acetone	3.860	43	6249	30.427	ug/l #	82
17) Carbon Disulfide	4.092	76	17643	5.676	ug/l	98
18) Methyl Acetate	4.372	43	3784	6.003	ug/l	90
19) Methyl tert-butyl Ether	5.092	73	14172	5.304	ug/l	97
20) Methylene Chloride	4.604	84	18729	5.603	ug/l	97
21) trans-1,2-Dichloroethene	5.092	96	6726	5.463	ug/l	91
22) Diisopropyl ether	5.994	45	18713	5.579	ug/l #	84
23) Vinyl Acetate	5.939	43	69947	26.341	ug/l	98
24) 1,1-Dichloroethane	5.896	63	12021	5.860	ug/l	98
25) 2-Butanone	6.878	43	10037	30.346	ug/l	97
26) 2,2-Dichloropropane	6.866	77	9537	5.742	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	8063	5.565	ug/l	91
28) Bromochloromethane	7.219	49	5242	6.092	ug/l #	100
29) Tetrahydrofuran	7.237	42	6144	28.897	ug/l #	87
30) Chloroform	7.402	83	12657	5.538	ug/l	95
31) Cyclohexane	7.689	56	11330	3.141	ug/l #	87
32) 1,1,1-Trichloroethane	7.603	97	11129	5.541	ug/l	98
36) 1,1-Dichloropropene	7.823	75	9086	5.407	ug/l	96
37) Ethyl Acetate	6.963	43	3469	4.659	ug/l	96
38) Carbon Tetrachloride	7.804	117	9665	4.963	ug/l	93
39) Methylcyclohexane	9.103	83	11201	5.194	ug/l	99
40) Benzene	8.067	78	27662	5.367	ug/l	92

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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Supervised By :Mahesh Dadoda 08/16/2024

Quant Time: Aug 16 04:55:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:48:12 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.201	41	1903m	4.943	ug/l	
42) 1,2-Dichloroethane	8.146	62	7787	5.595	ug/l	98
43) Isopropyl Acetate	8.189	43	7460	4.954	ug/l #	80
44) Trichloroethene	8.853	130	7832	5.446	ug/l	93
45) 1,2-Dichloropropane	9.133	63	6337	5.518	ug/l	97
46) Dibromomethane	9.219	93	3864	5.188	ug/l	95
47) Bromodichloromethane	9.414	83	9412	5.151	ug/l	89
48) Methyl methacrylate	9.207	41	3182	4.742	ug/l #	87
49) 1,4-Dioxane	9.213	88	984	109.063	ug/l #	91
51) 4-Methyl-2-Pentanone	9.993	43	20015	25.044	ug/l	90
52) Toluene	10.164	92	17877	5.284	ug/l	94
53) t-1,3-Dichloropropene	10.389	75	7562	4.989	ug/l #	87
54) cis-1,3-Dichloropropene	9.847	75	9327	5.116	ug/l	95
55) 1,1,2-Trichloroethane	10.566	97	4868	5.077	ug/l	93
56) Ethyl methacrylate	10.438	69	5751	4.582	ug/l #	76
57) 1,3-Dichloropropane	10.712	76	8290	5.304	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	15016	25.221	ug/l	99
59) 2-Hexanone	10.761	43	12811	23.332	ug/l	95
60) Dibromochloromethane	10.901	129	6552	5.017	ug/l	97
61) 1,2-Dibromoethane	11.011	107	4651	5.019	ug/l	94
64) Tetrachloroethene	10.645	164	7429	5.348	ug/l	95
65) Chlorobenzene	11.444	112	19482	5.324	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.511	131	6814	5.295	ug/l	93
67) Ethyl Benzene	11.517	91	33018	5.199	ug/l	97
68) m/p-Xylenes	11.627	106	25348	10.058	ug/l	95
69) o-Xylene	11.950	106	11510	4.932	ug/l	100
70) Styrene	11.968	104	19672	4.943	ug/l	98
71) Bromoform	12.127	173	3656	4.970	ug/l #	94
73) Isopropylbenzene	12.255	105	29569	5.221	ug/l	100
74) N-amyl acetate	12.072	43	6335	5.130	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.505	83	6038	5.988	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	4341m	6.185	ug/l	
77) Bromobenzene	12.529	156	7303	5.369	ug/l	97
78) n-propylbenzene	12.596	91	36268	5.357	ug/l	99
79) 2-Chlorotoluene	12.682	91	20394	5.373	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	23712	5.139	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	1534	5.199	ug/l #	85
82) 4-Chlorotoluene	12.779	91	20986	5.314	ug/l	98
83) tert-Butylbenzene	12.999	119	21933	5.148	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	23152	5.035	ug/l	97
85) sec-Butylbenzene	13.175	105	32294	5.201	ug/l	99
86) p-Isopropyltoluene	13.291	119	24986	4.899	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	14490	5.402	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	14972	5.615	ug/l	97
89) n-Butylbenzene	13.614	91	23174	4.984	ug/l	99
90) Hexachloroethane	13.883	117	4937	4.911	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	12818	5.433	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	767	5.171	ug/l	87
93) 1,2,4-Trichlorobenzene	14.919	180	6606	4.965	ug/l	93
94) Hexachlorobutadiene	15.029	225	3754	5.417	ug/l	100
95) Naphthalene	15.145	128	10134	4.268	ug/l	95
96) 1,2,3-Trichlorobenzene	15.334	180	5464	4.869	ug/l	94

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

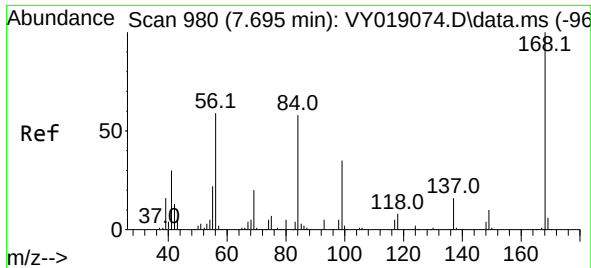
Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

Quant Time: Aug 16 04:55:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:48:12 2024
Response via : Initial Calibration

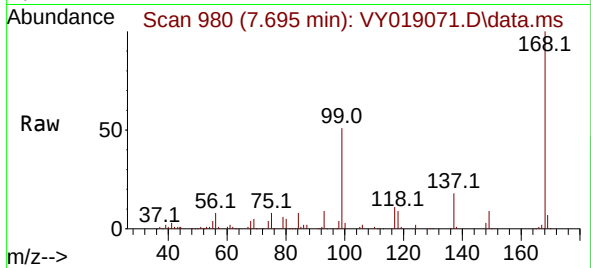
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

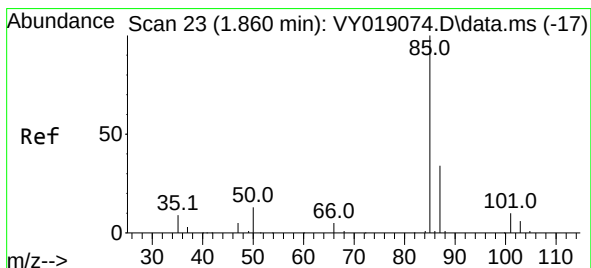
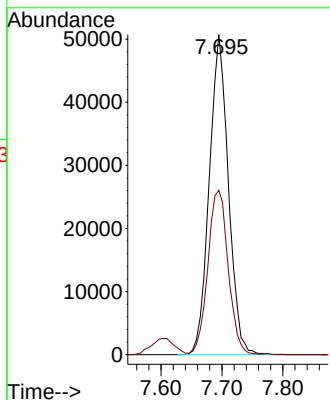
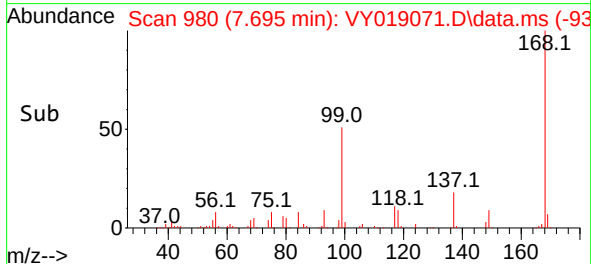
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 110470
Ion Ratio Lower Upper
168 100
99 51.3 39.1 58.7

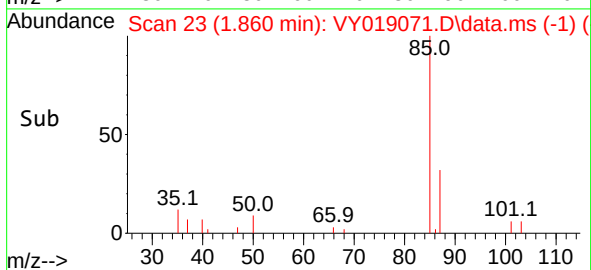
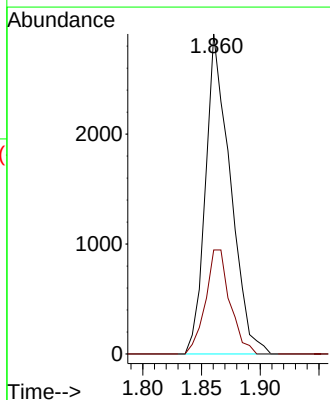
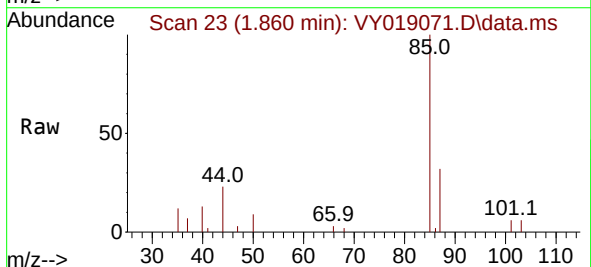
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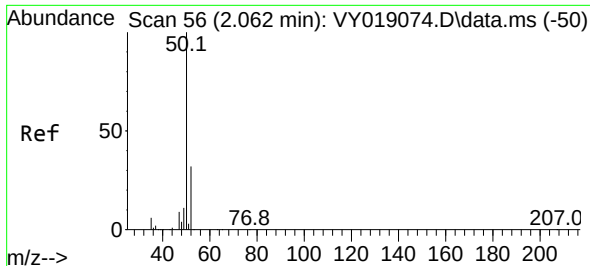
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#2
Dichlorodifluoromethane
Concen: 5.251 ug/l
RT: 1.860 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

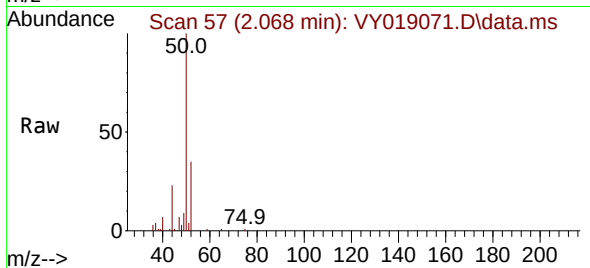
Tgt Ion: 85 Resp: 4256
Ion Ratio Lower Upper
85 100
87 32.5 16.0 48.0





#3
Chloromethane
Concen: 6.093 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

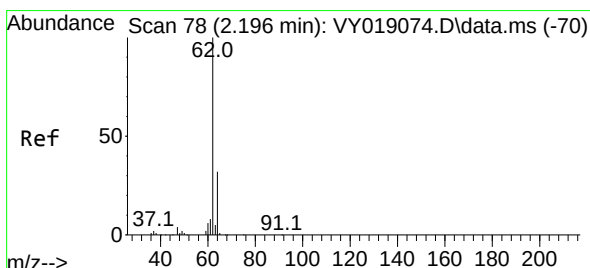
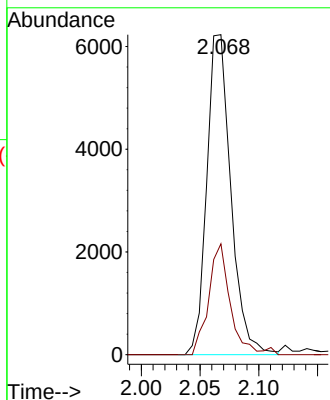
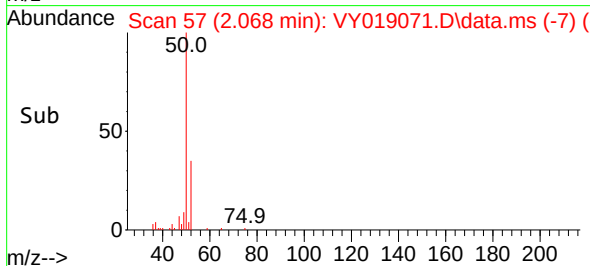
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 890
Ion Ratio Lower Upper
50 100
52 34.6 25.6 38.4

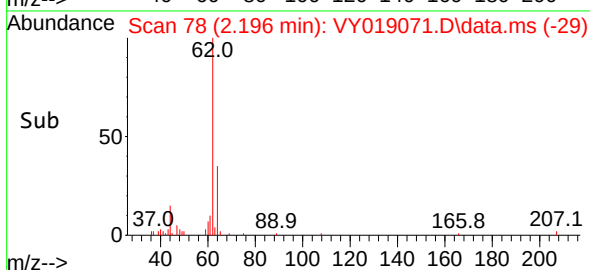
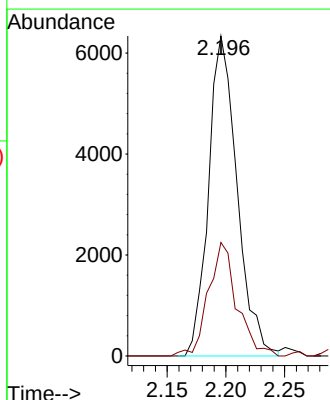
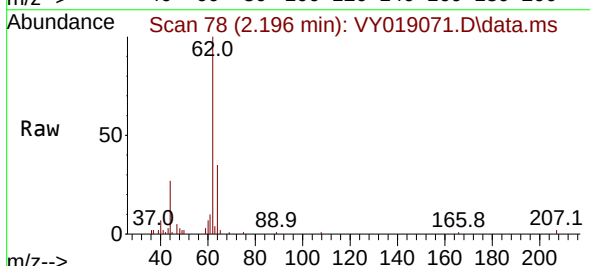
Manual Integrations
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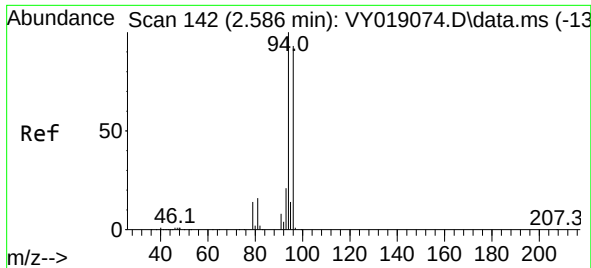
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#4
Vinyl Chloride
Concen: 5.958 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Tgt Ion: 62 Resp: 10752
Ion Ratio Lower Upper
62 100
64 35.5 26.1 39.1





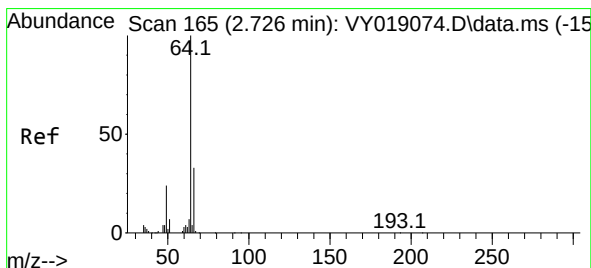
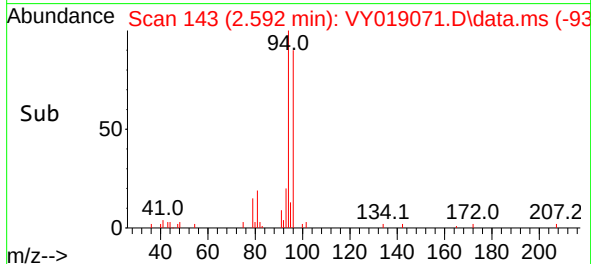
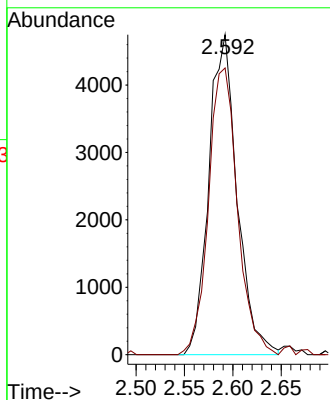
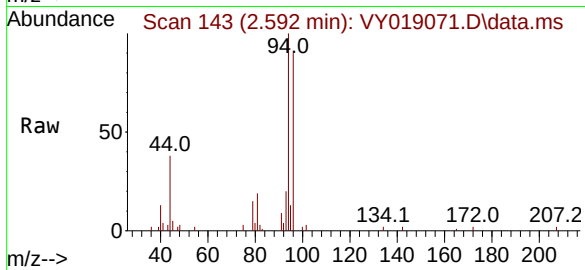
#5
Bromomethane
Concen: 3.247 ug/l
RT: 2.592 min Scan# 142
Delta R.T. 0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 9669
Ion Ratio Lower Upper
94 100
96 89.6 74.1 111.1

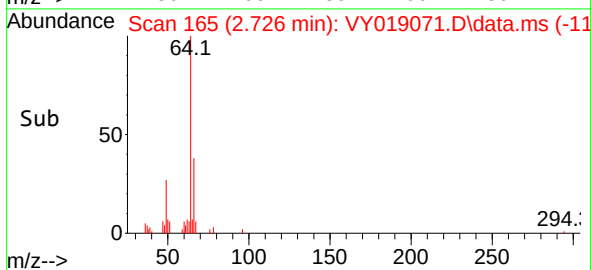
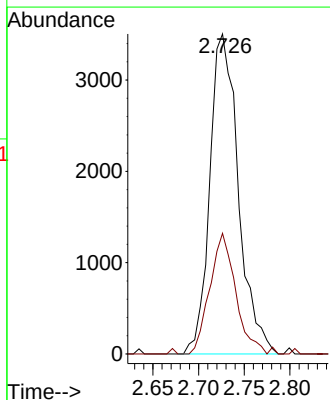
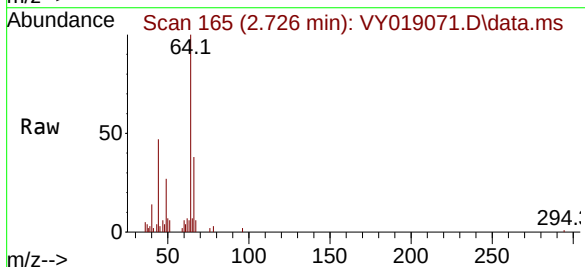
Manual Integrations
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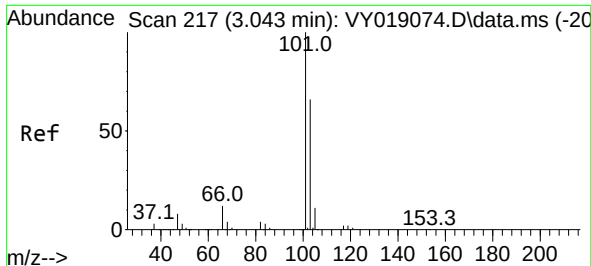
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#6
Chloroethane
Concen: 5.948 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

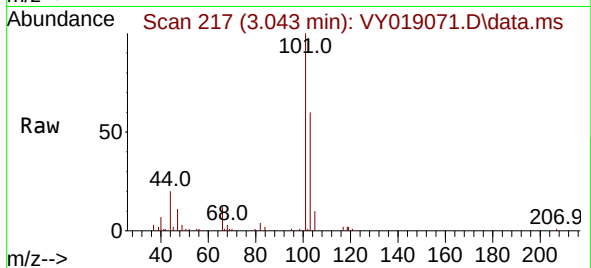
Tgt Ion: 64 Resp: 7615
Ion Ratio Lower Upper
64 100
66 37.7 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 5.587 ug/l
 RT: 3.043 min Scan# 217
 Delta R.T. -0.000 min
 Lab File: VY019071.D
 Acq: 15 Aug 2024 17:24

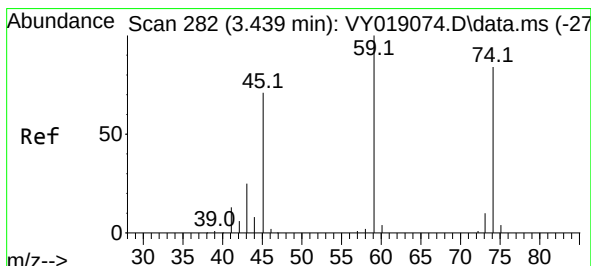
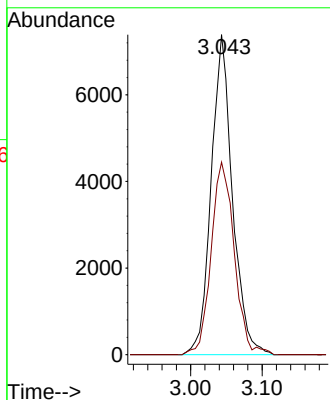
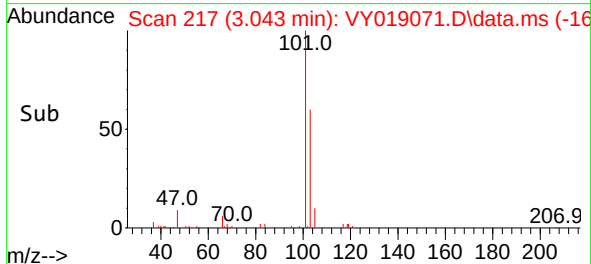
Instrument : MSVOA_Y
 ClientSampleId : VSTDIC005



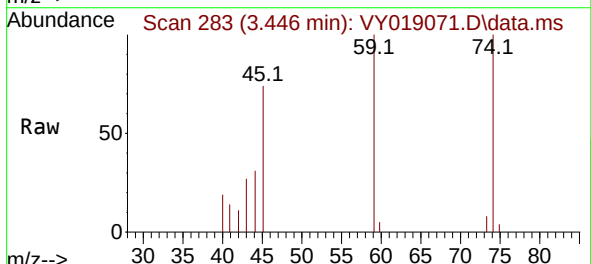
Tgt Ion:101 Resp: 1524
 Ion Ratio Lower Upper
 101 100
 103 60.1 49.3 73.9

Manual Integrations
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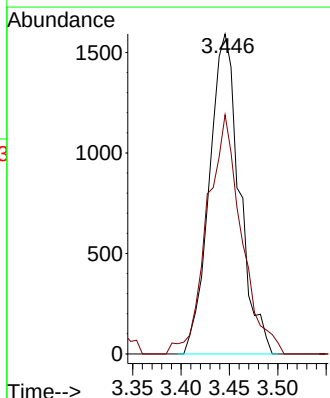
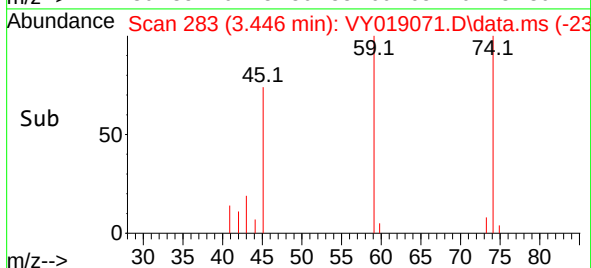
Reviewed By :Romaben Patel 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024

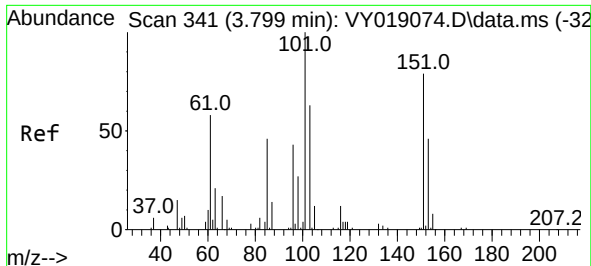


#8
 Diethyl Ether
 Concen: 5.846 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019071.D
 Acq: 15 Aug 2024 17:24



Tgt Ion: 74 Resp: 3443
 Ion Ratio Lower Upper
 74 100
 45 85.5 41.3 124.1





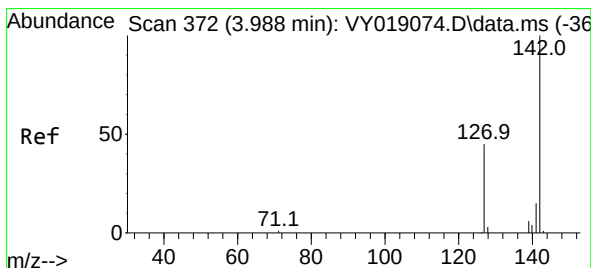
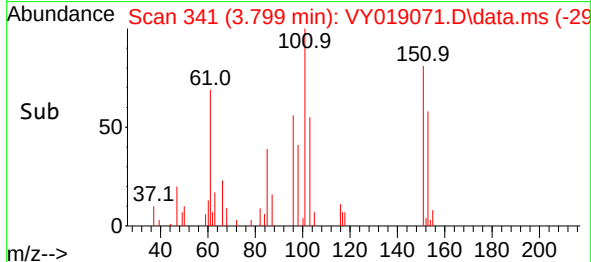
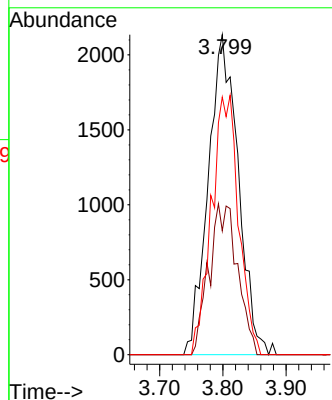
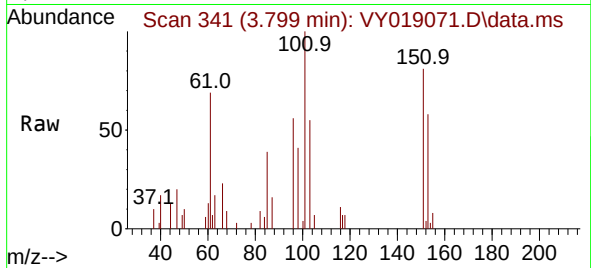
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.797 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 703
Ion Ratio Lower Upper
101 100
85 44.9 34.5 51.7
151 73.5 61.7 92.5

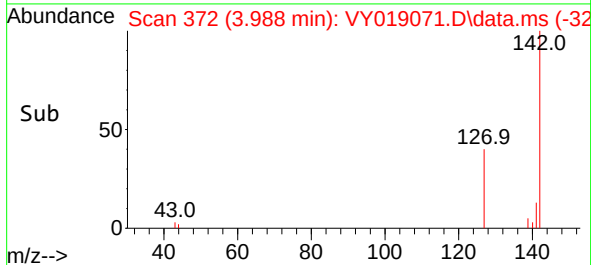
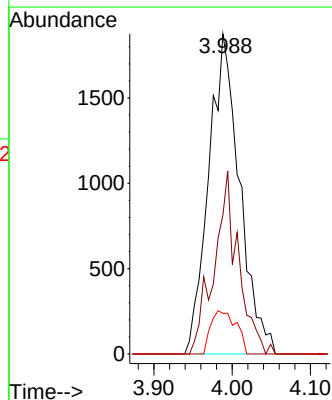
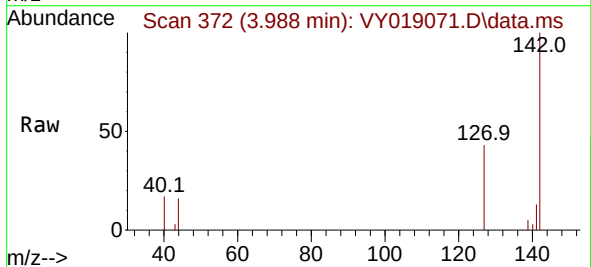
Manual Integrations
APPROVED

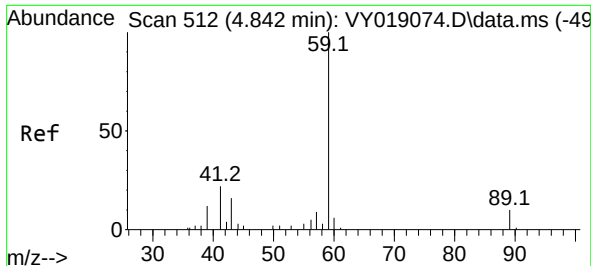
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#10
Methyl Iodide
Concen: 4.333 ug/l
RT: 3.988 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Tgt Ion:142 Resp: 5152
Ion Ratio Lower Upper
142 100
127 45.0 32.8 49.2
141 11.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 12.762 ug/l

RT: 4.829 min Scan# 512

Delta R.T. -0.013 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 4910

Ion Ratio Lower Upper

59 100

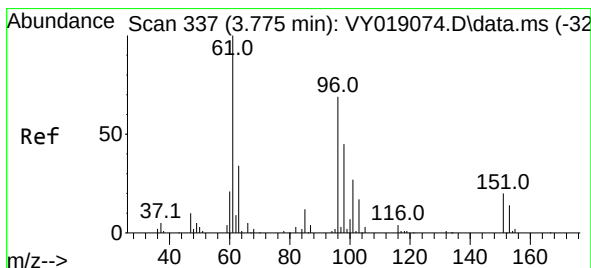
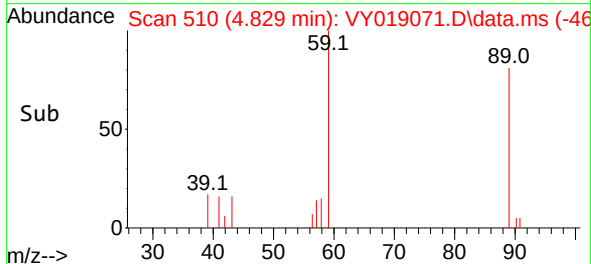
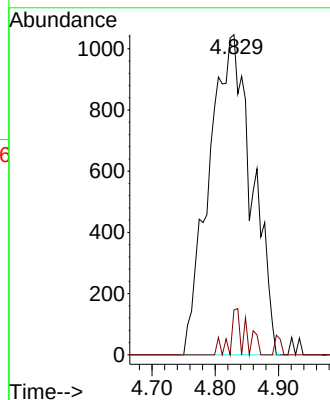
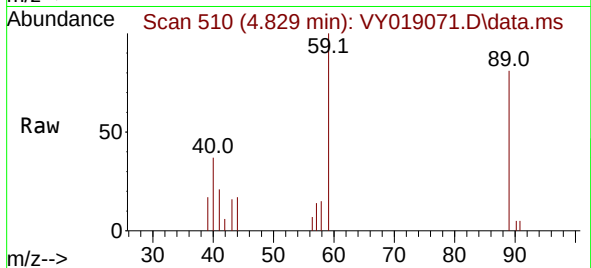
57 2.6 3.0 4.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#12

1,1-Dichloroethene

Concen: 5.730 ug/l

RT: 3.775 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

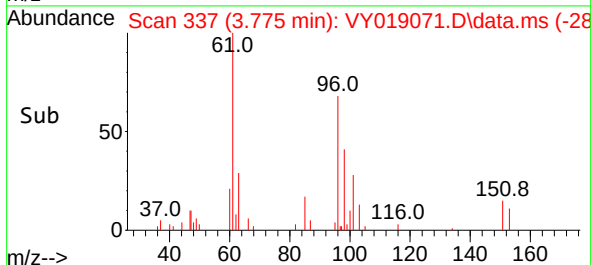
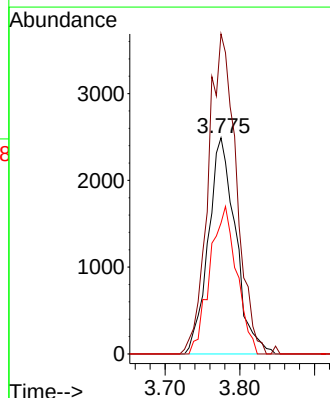
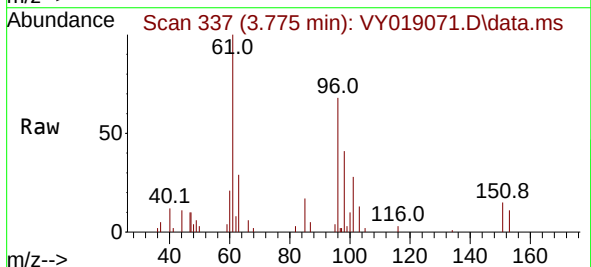
Tgt Ion: 96 Resp: 6315

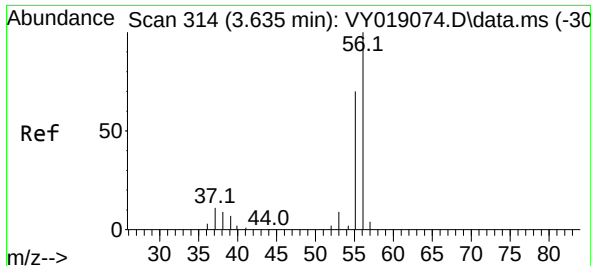
Ion Ratio Lower Upper

96 100

61 148.1 114.6 171.8

98 60.6 50.8 76.2





#13

Acrolein

Concen: 18.781 ug/l

RT: 3.634 min Scan# 314

Delta R.T. -0.001 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

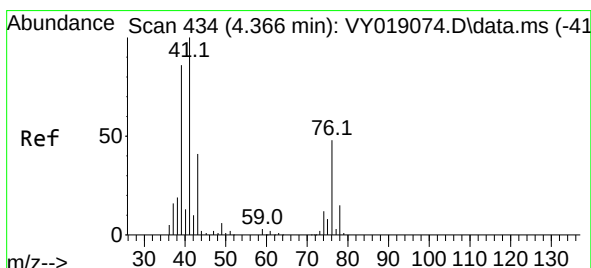
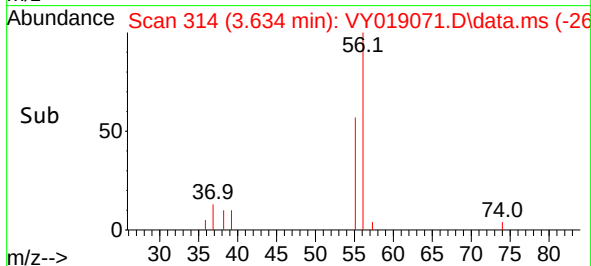
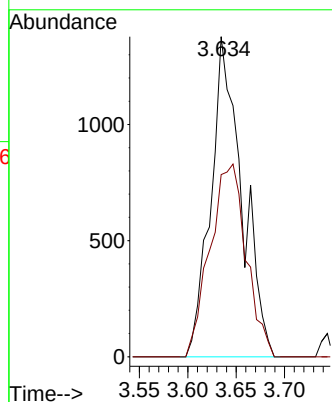
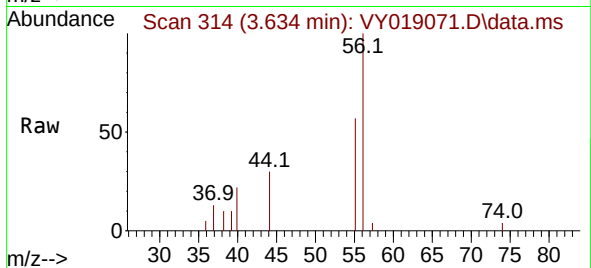
VSTDIC005

Tgt Ion: 56 Resp: 3078
 Ion Ratio Lower Upper
 56 100
 55 70.2 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024



#14

Allyl chloride

Concen: 5.648 ug/l

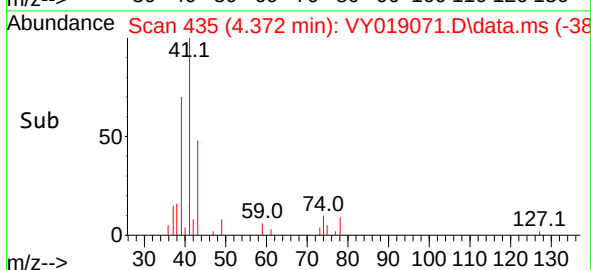
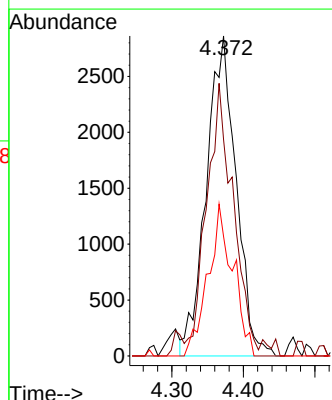
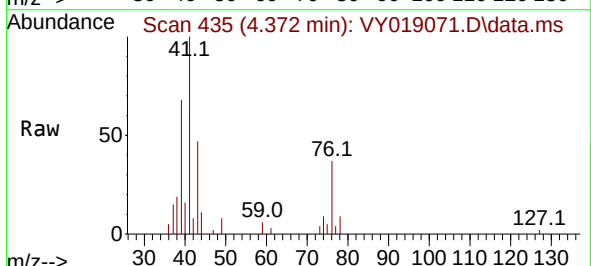
RT: 4.372 min Scan# 435

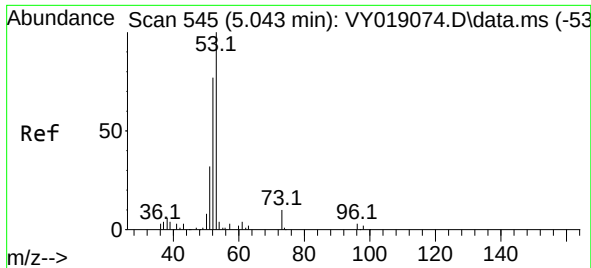
Delta R.T. 0.006 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

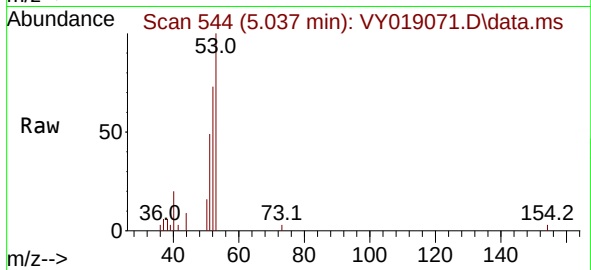
Tgt Ion: 41 Resp: 8275
 Ion Ratio Lower Upper
 41 100
 39 73.6 58.3 87.5
 76 39.8 39.0 58.6





#15
Acrylonitrile
Concen: 27.306 ug/l
RT: 5.037 min Scan# 545
Delta R.T. -0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

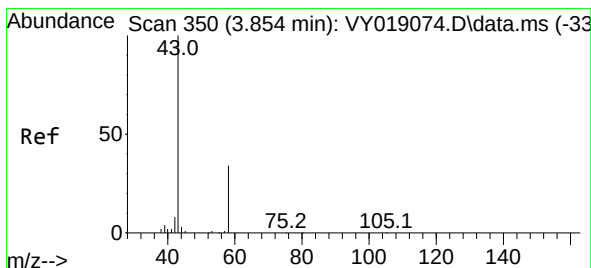
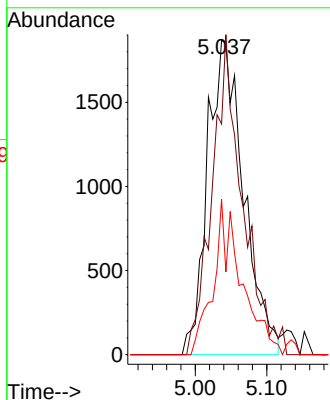
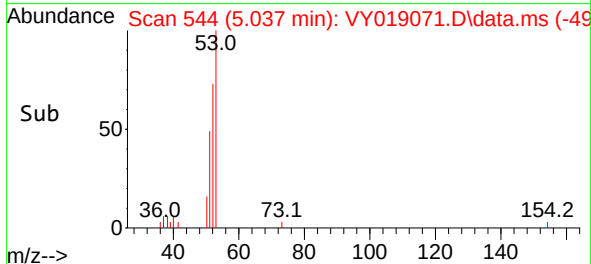
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 6580
Ion Ratio Lower Upper
53 100
52 85.1 64.7 97.1
51 38.1 28.4 42.6

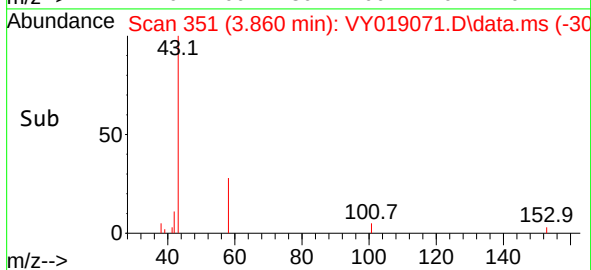
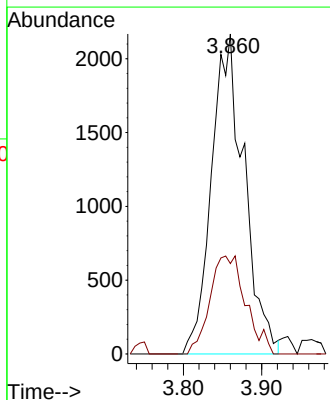
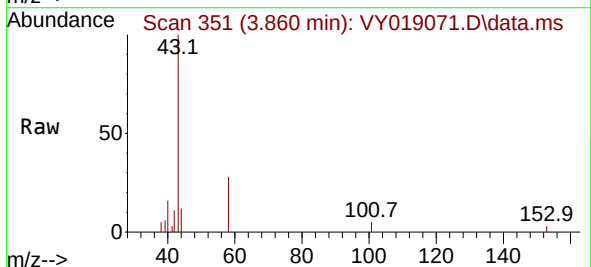
Manual Integrations
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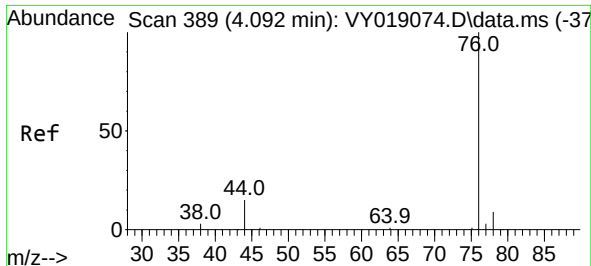
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#16
Acetone
Concen: 30.427 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

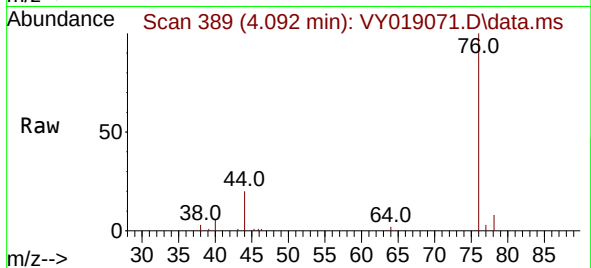
Tgt Ion: 43 Resp: 6249
Ion Ratio Lower Upper
43 100
58 28.2 31.7 47.5#





#17
Carbon Disulfide
Concen: 5.676 ug/l
RT: 4.092 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

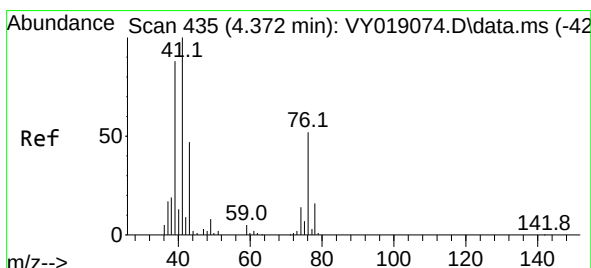
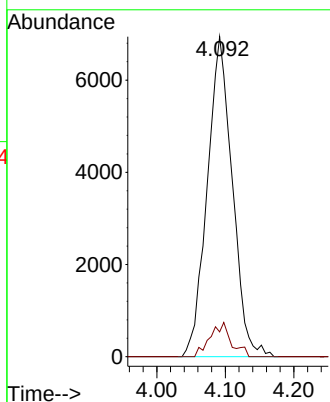
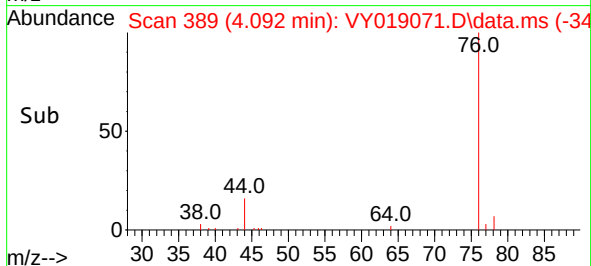
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 1764
Ion Ratio Lower Upper
76 100
78 7.8 6.8 10.2

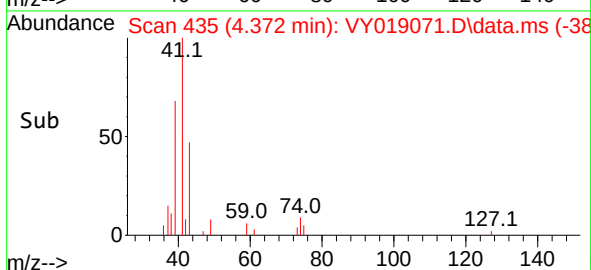
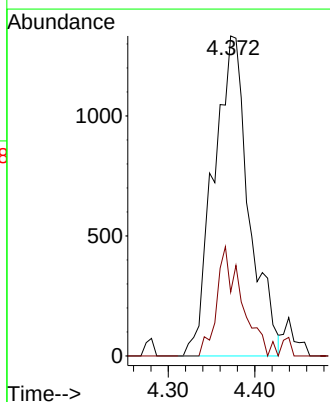
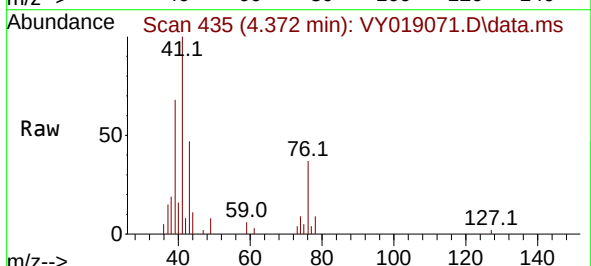
Manual Integrations
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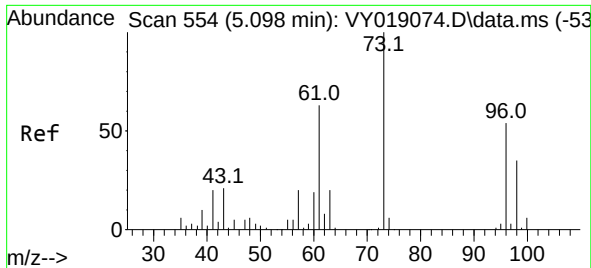
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#18
Methyl Acetate
Concen: 6.003 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Tgt Ion: 43 Resp: 3784
Ion Ratio Lower Upper
43 100
74 23.7 23.3 34.9





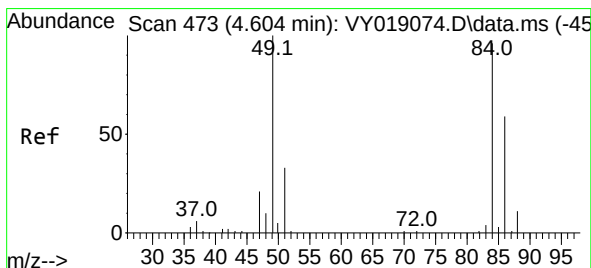
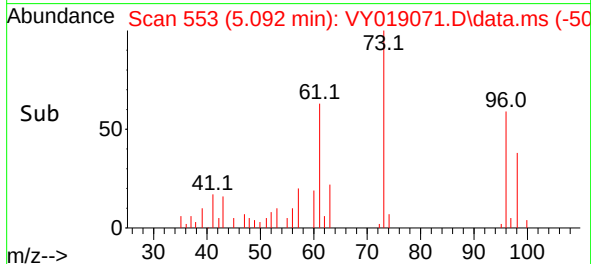
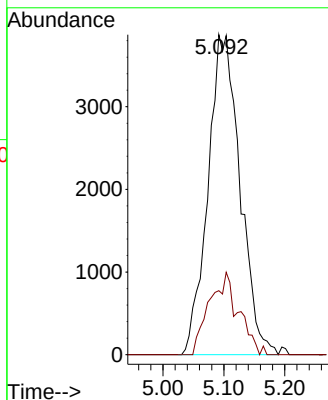
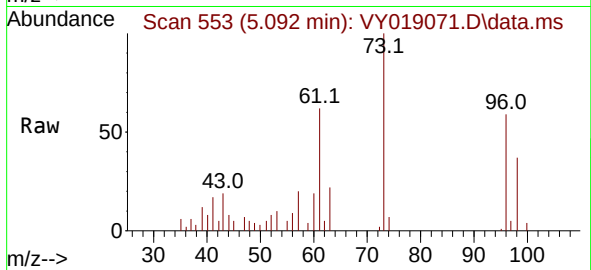
#19
Methyl tert-butyl Ether
Concen: 5.304 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 14172
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9

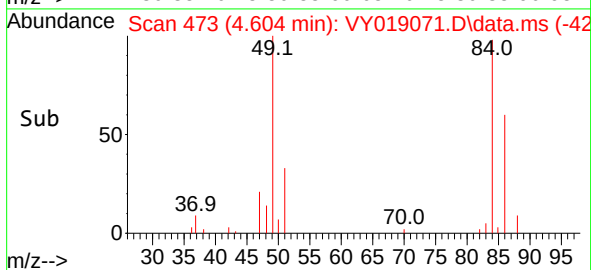
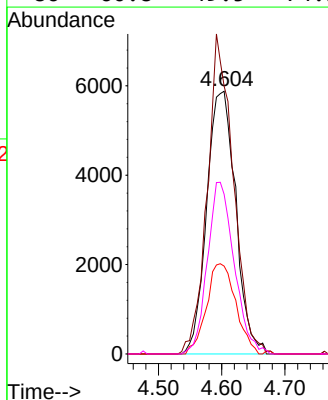
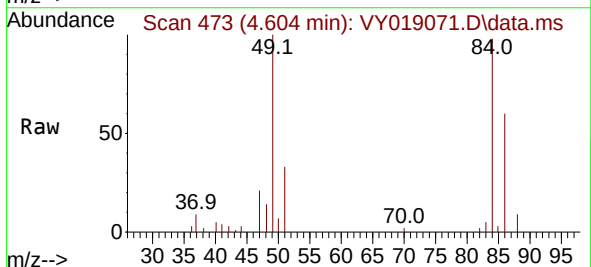
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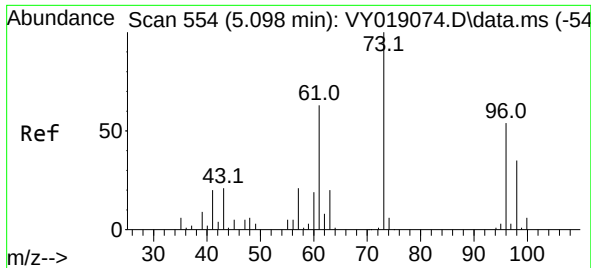
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#20
Methylene Chloride
Concen: 5.603 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

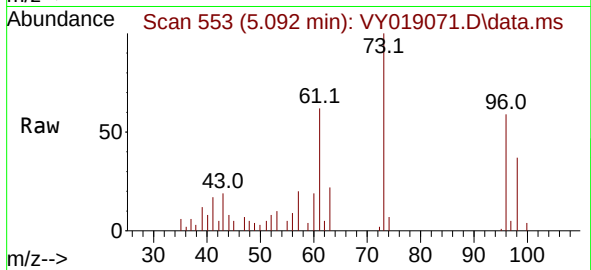
Tgt Ion: 84 Resp: 18729
Ion Ratio Lower Upper
84 100
49 102.0 84.4 126.6
51 33.4 26.0 39.0
86 60.8 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 5.463 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

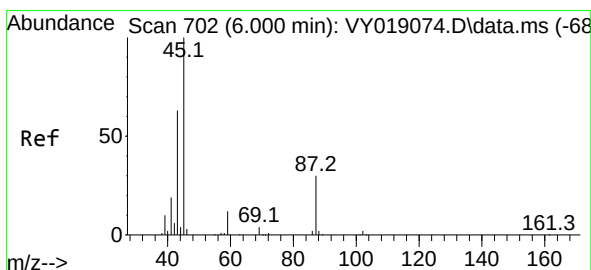
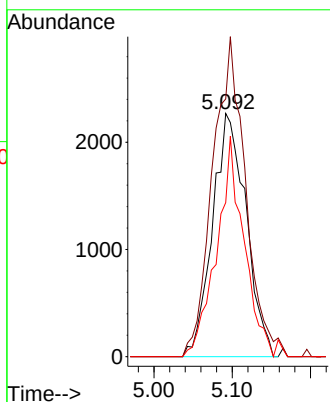
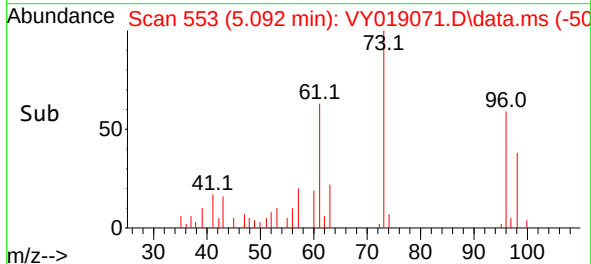
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 6720
Ion Ratio Lower Upper
96 100
61 106.0 97.5 146.3
98 63.4 50.5 75.7

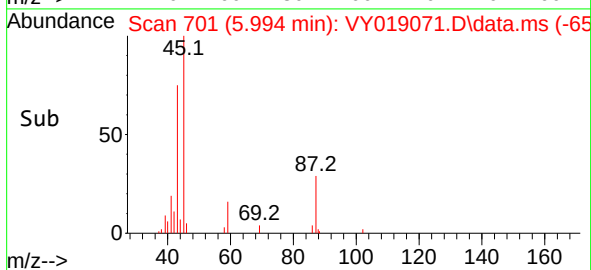
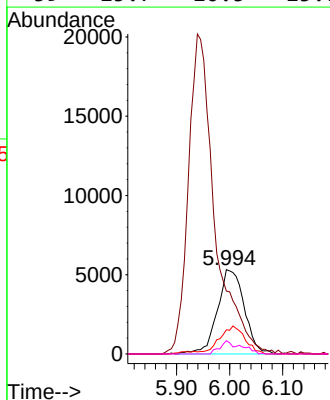
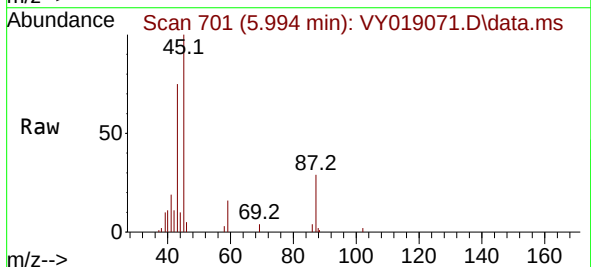
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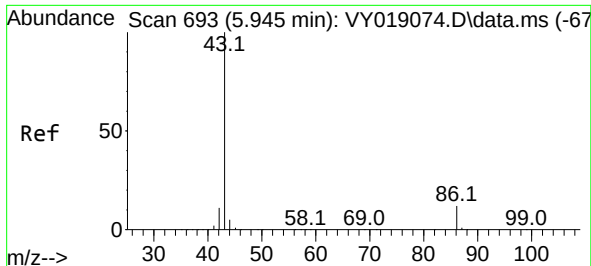
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#22
Diisopropyl ether
Concen: 5.579 ug/l
RT: 5.994 min Scan# 701
Delta R.T. -0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Tgt Ion: 45 Resp: 18713
Ion Ratio Lower Upper
45 100
43 70.0 42.2 63.2#
87 28.6 25.0 37.6
59 15.7 10.5 15.7





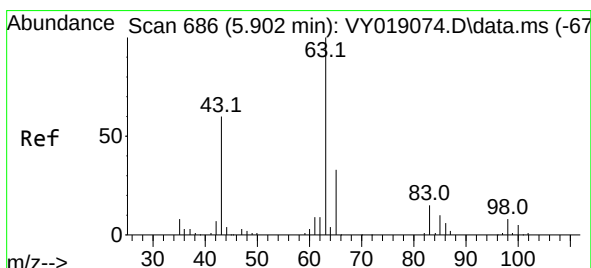
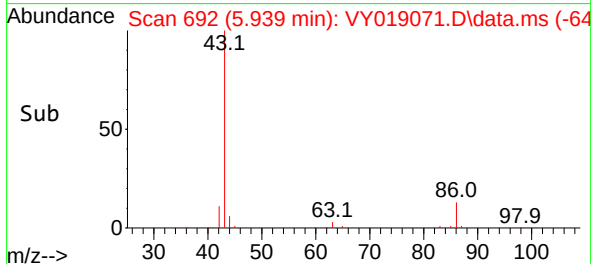
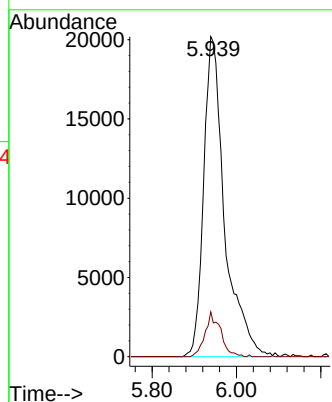
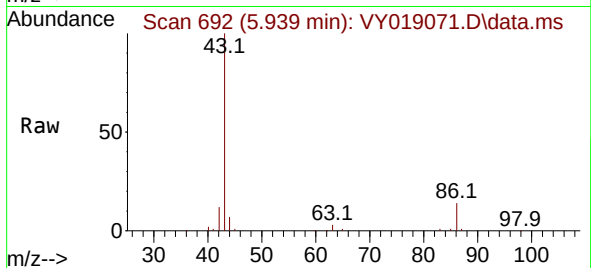
#23
 Vinyl Acetate
 Concen: 26.341 ug/l
 RT: 5.939 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY019071.D
 Acq: 15 Aug 2024 17:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 6994
 Ion Ratio Lower Upper
 43 100
 86 14.0 10.6 16.0

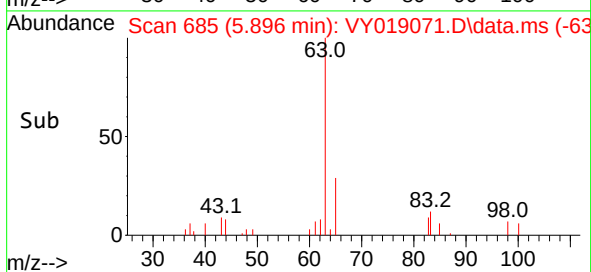
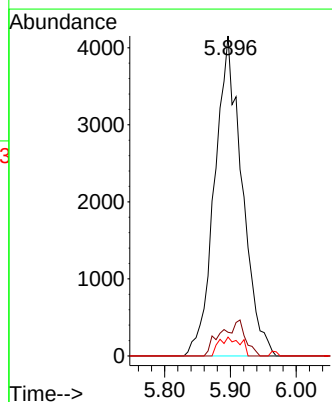
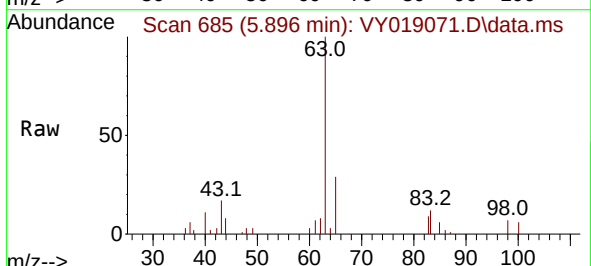
Manual Integrations
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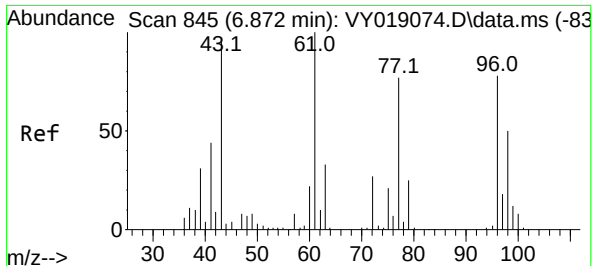
Reviewed By :Romaben Patel 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024



#24
 1,1-Dichloroethane
 Concen: 5.860 ug/l
 RT: 5.896 min Scan# 685
 Delta R.T. -0.006 min
 Lab File: VY019071.D
 Acq: 15 Aug 2024 17:24

Tgt Ion: 63 Resp: 12021
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 12.2
 100 5.9 2.6 8.0





#25

2-Butanone

Concen: 30.346 ug/l

RT: 6.878 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 1003

Ion Ratio Lower Upper

43 100

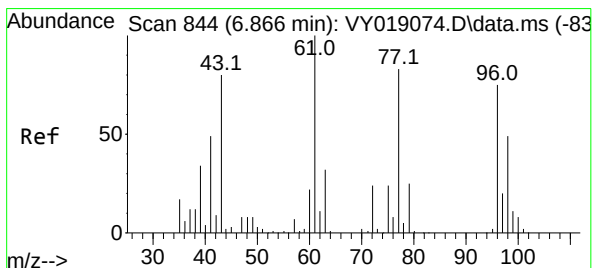
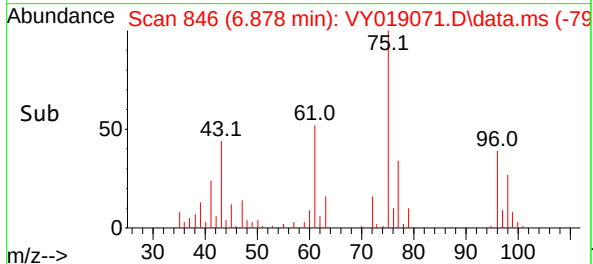
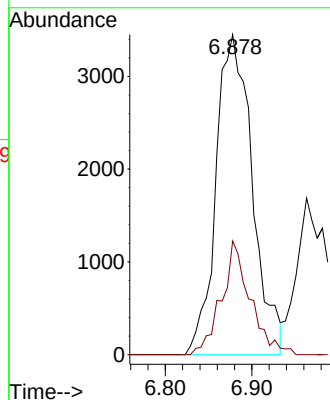
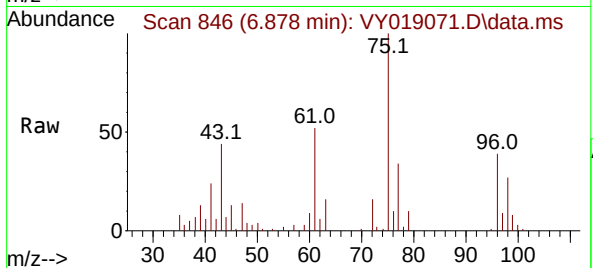
72 35.5 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#26

2,2-Dichloropropane

Concen: 5.742 ug/l

RT: 6.866 min Scan# 844

Delta R.T. -0.000 min

Lab File: VY019071.D

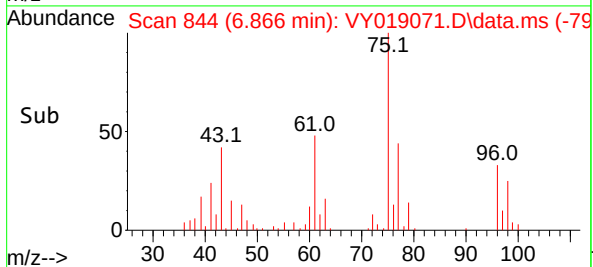
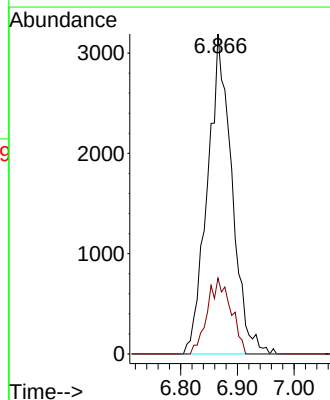
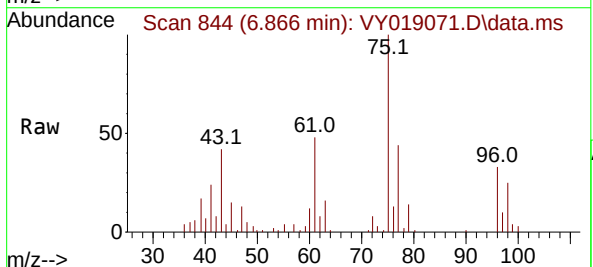
Acq: 15 Aug 2024 17:24

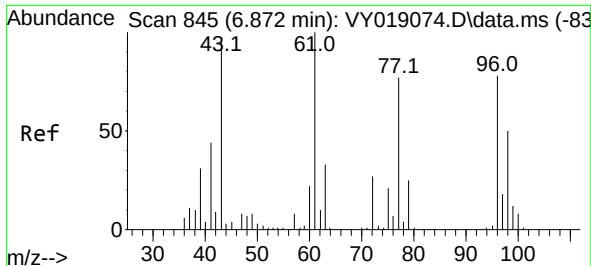
Tgt Ion: 77 Resp: 9537

Ion Ratio Lower Upper

77 100

97 22.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 5.565 ug/l

RT: 6.878 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 96 Resp: 806

Ion Ratio Lower Upper

96 100

61 142.5 0.0 256.2

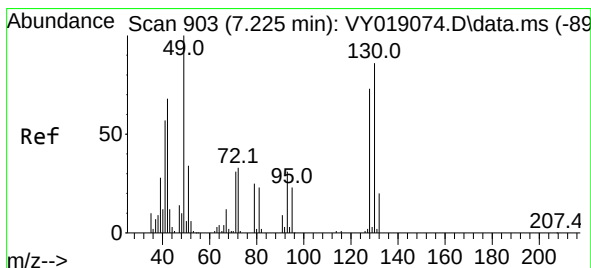
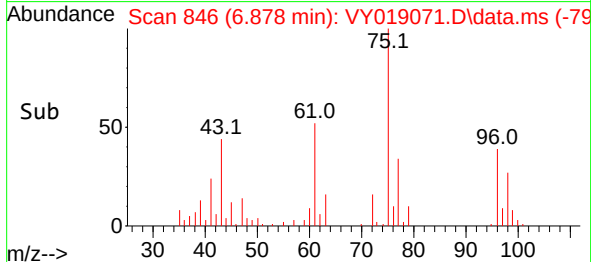
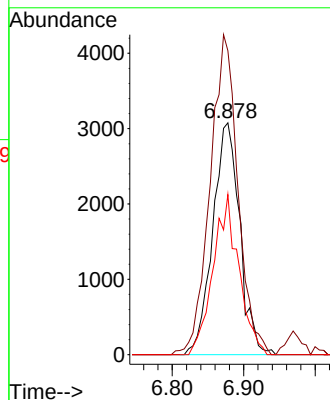
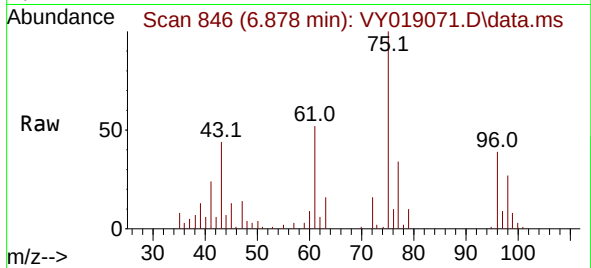
98 65.8 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#28

Bromochloromethane

Concen: 6.092 ug/l

RT: 7.219 min Scan# 902

Delta R.T. -0.006 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

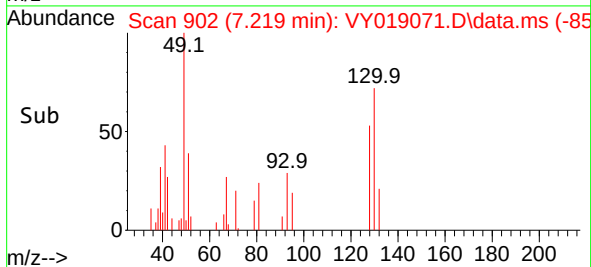
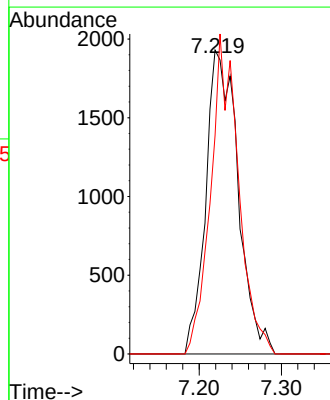
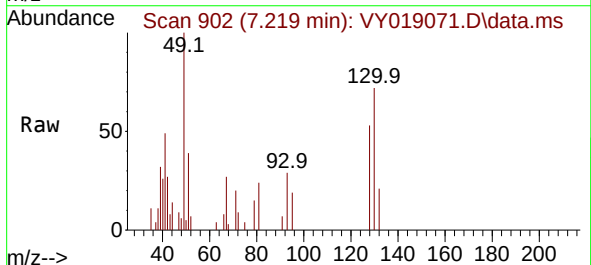
Tgt Ion: 49 Resp: 5242

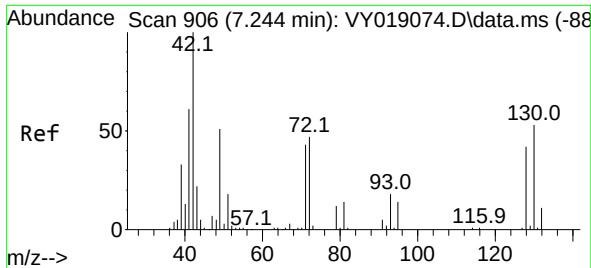
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 90.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 28.897 ug/l

RT: 7.237 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

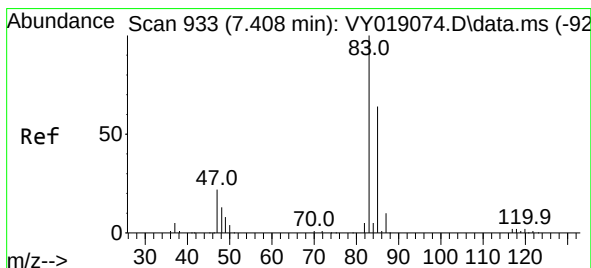
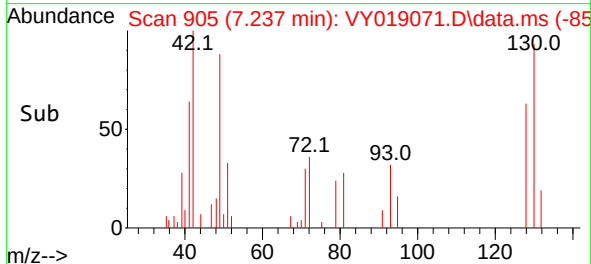
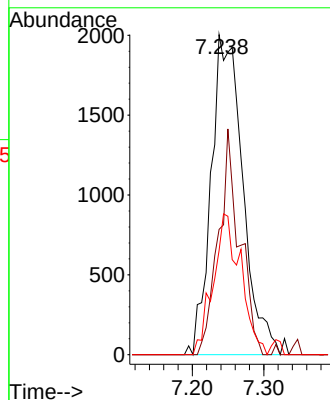
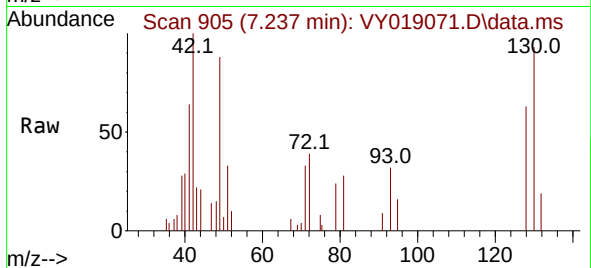
VSTDIC005

Tgt Ion:	42	Resp:	6144
Ion	Ratio	Lower	Upper
42	100		
72	47.4	43.0	64.4
71	38.5	40.8	61.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#30

Chloroform

Concen: 5.538 ug/l

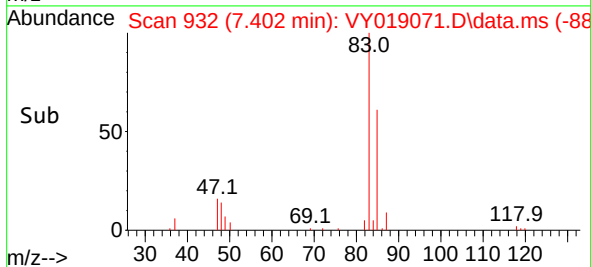
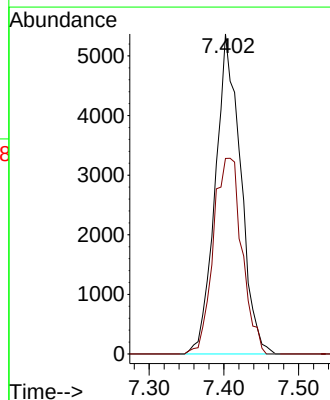
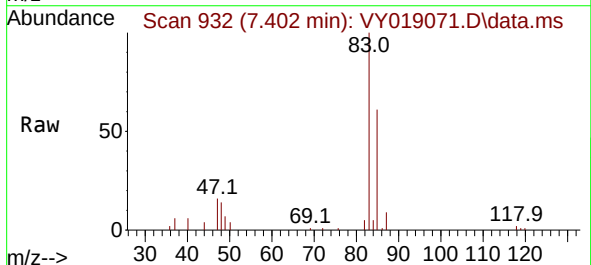
RT: 7.402 min Scan# 932

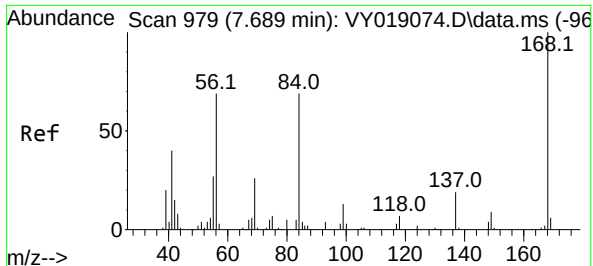
Delta R.T. -0.006 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

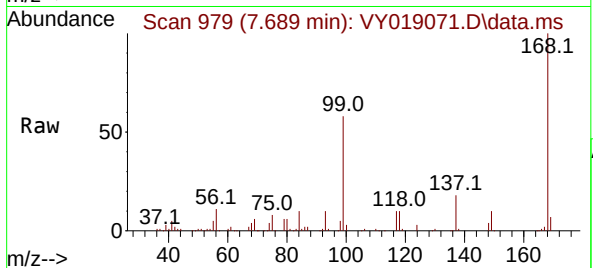
Tgt Ion:	83	Resp:	12657
Ion	Ratio	Lower	Upper
83	100		
85	61.1	52.2	78.4





#31
Cyclohexane
Concen: 3.141 ug/l
RT: 7.689 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

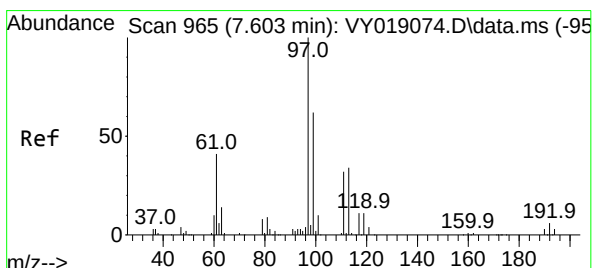
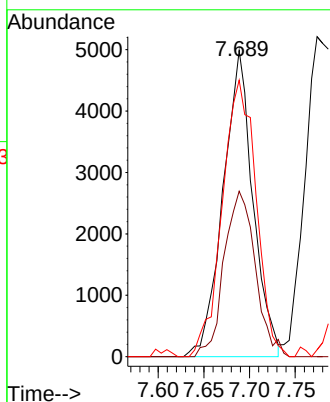
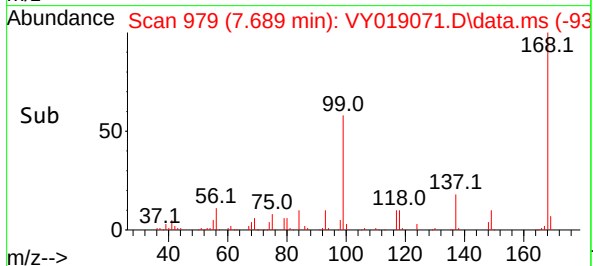
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 11330
Ion Ratio Lower Upper
56 100
69 54.0 28.7 43.1
84 90.3 77.7 116.5

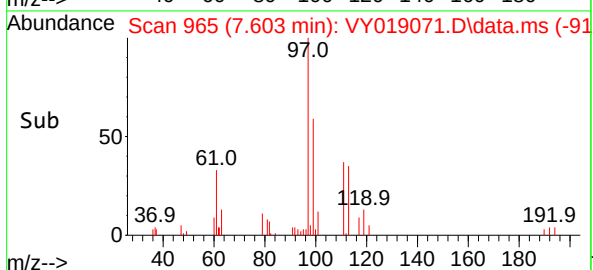
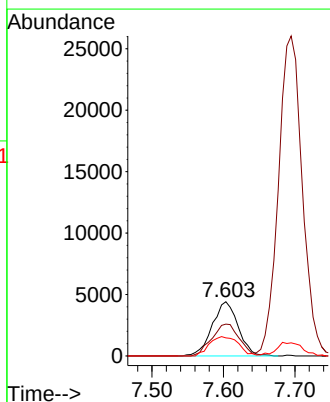
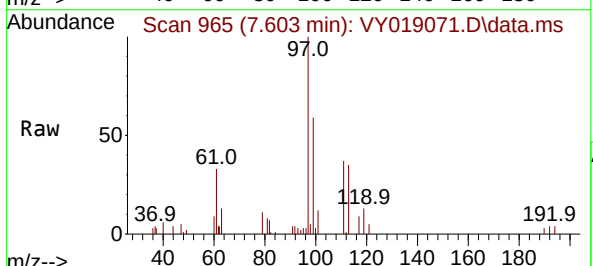
Manual Integrations
APPROVED

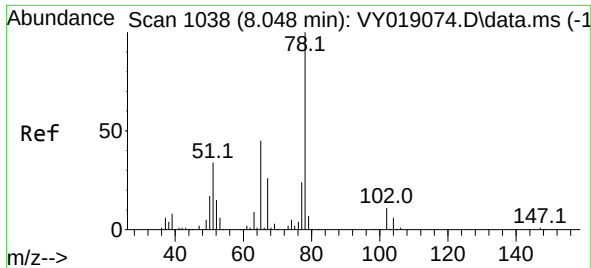
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#32
1,1,1-Trichloroethane
Concen: 5.541 ug/l
RT: 7.603 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Tgt Ion: 97 Resp: 11129
Ion Ratio Lower Upper
97 100
99 61.5 50.3 75.5
61 39.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 6.184 ug/l

RT: 8.048 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 684

Ion Ratio Lower Upper

65 100

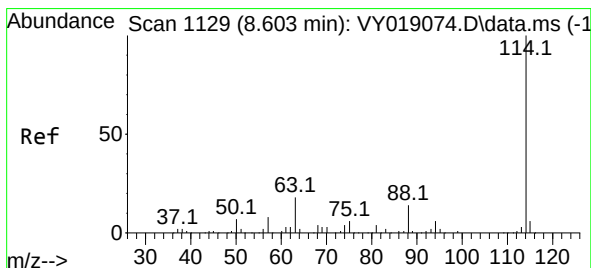
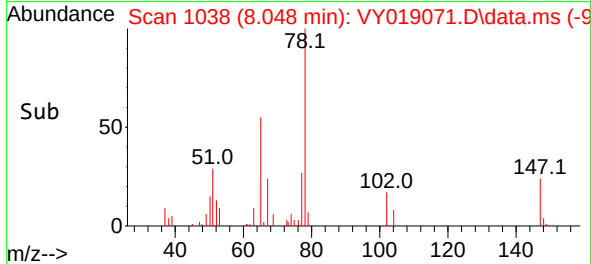
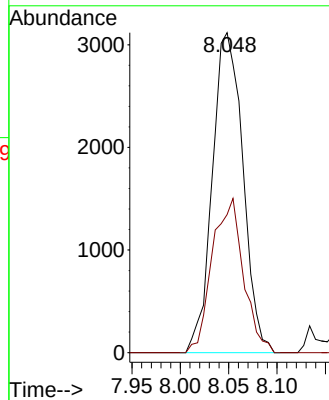
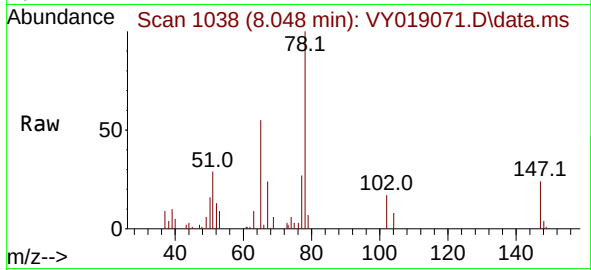
67 49.2 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

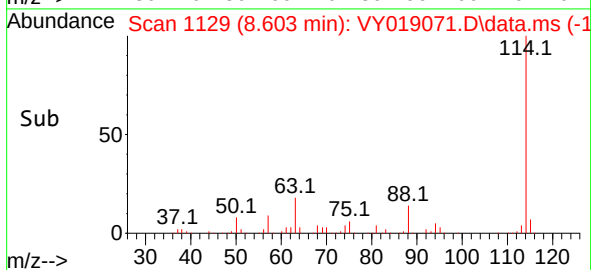
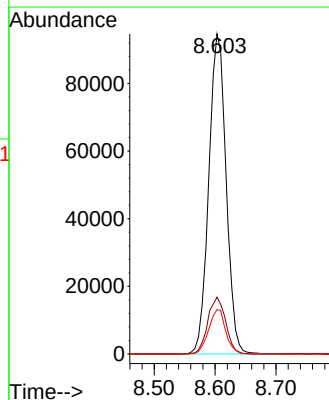
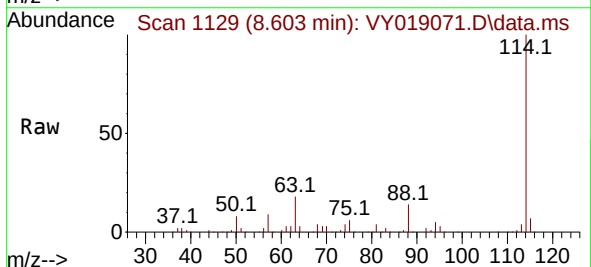
Tgt Ion:114 Resp: 187167

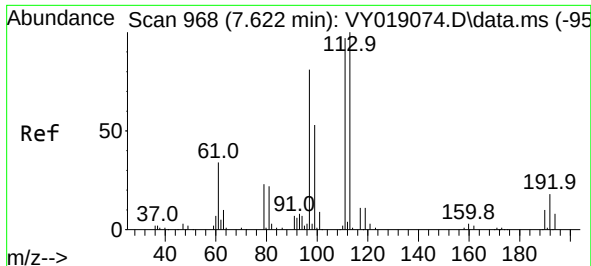
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 13.9 0.0 27.2





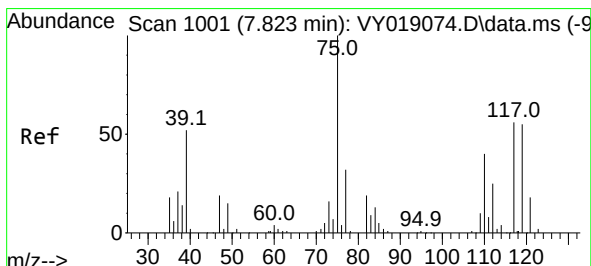
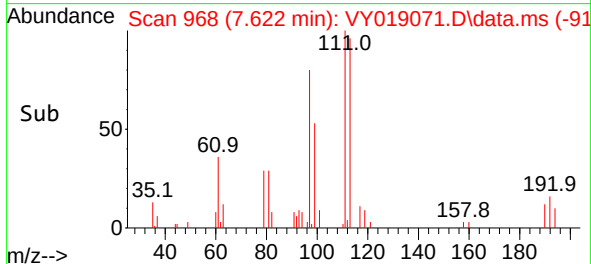
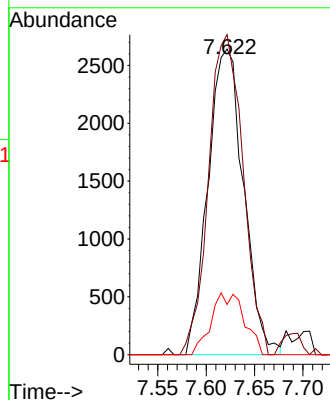
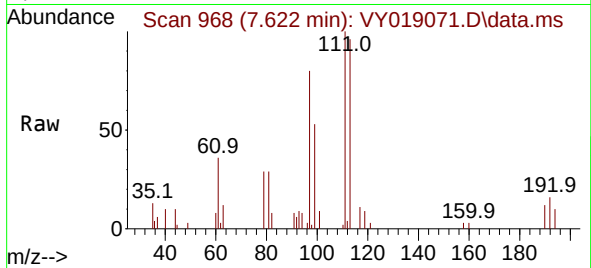
#35
Dibromofluoromethane
Concen: 5.518 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 113 Resp: 675
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 18.8 15.9 23.9

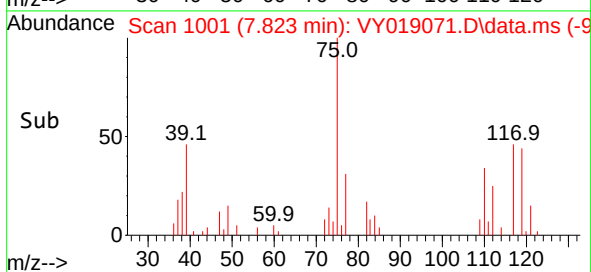
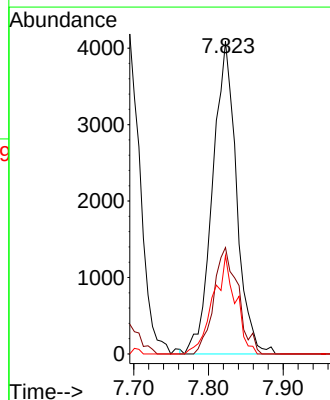
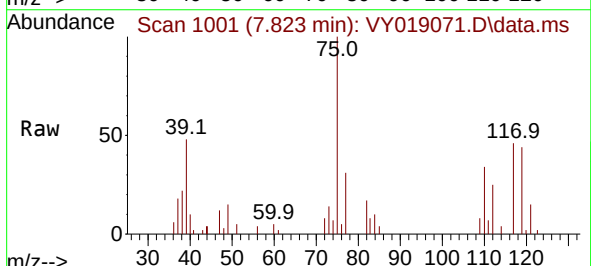
Manual Integrations
APPROVED

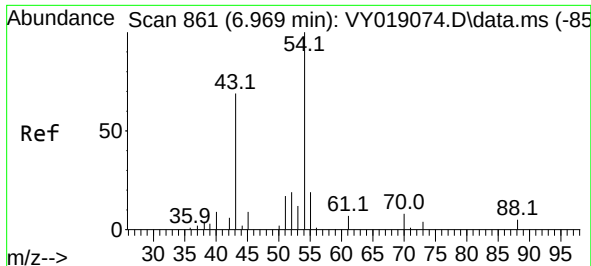
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#36
1,1-Dichloropropene
Concen: 5.407 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Tgt Ion: 75 Resp: 9086
Ion Ratio Lower Upper
75 100
110 34.6 19.0 57.0
77 30.0 25.3 37.9





#37

Ethyl Acetate

Concen: 4.659 ug/l

RT: 6.963 min Scan# 861

Delta R.T. -0.006 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

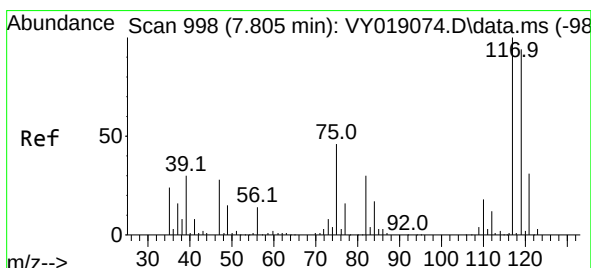
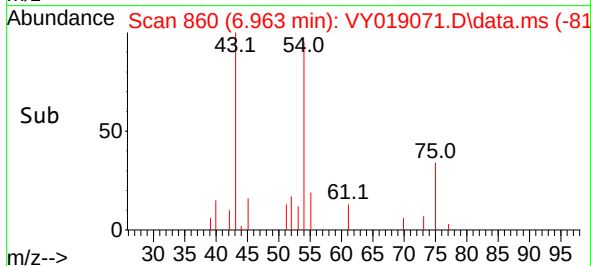
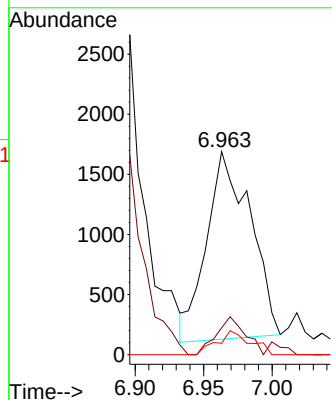
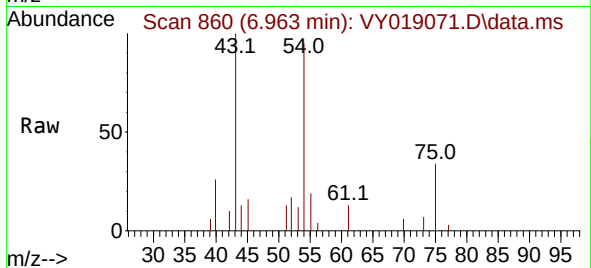
Tgt Ion: 43 Resp: 3465

Ion	Ratio	Lower	Upper
43	100		
61	13.4	12.6	19.0
70	9.7	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#38

Carbon Tetrachloride

Concen: 4.963 ug/l

RT: 7.804 min Scan# 998

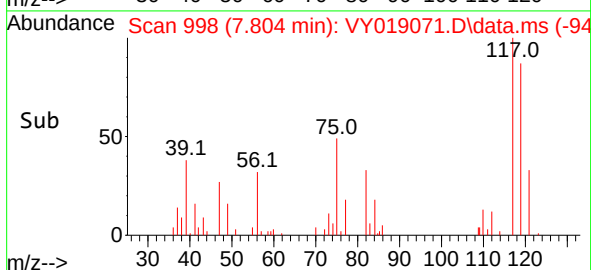
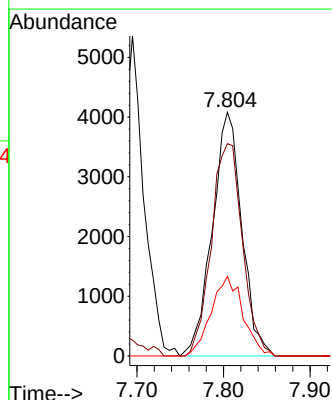
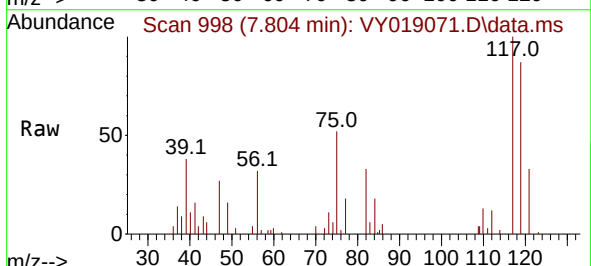
Delta R.T. -0.000 min

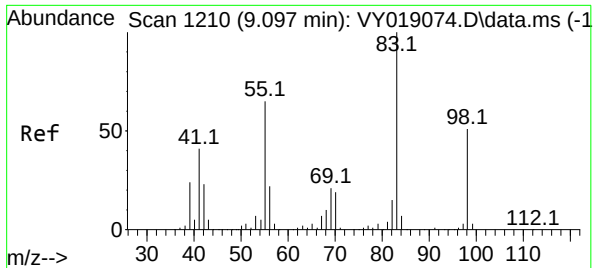
Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Tgt Ion:117 Resp: 9665

Ion	Ratio	Lower	Upper
117	100		
119	87.2	75.8	113.6
121	32.6	24.0	36.0





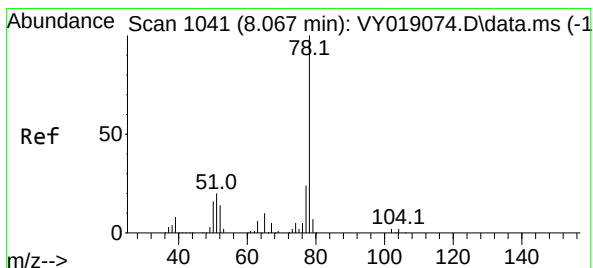
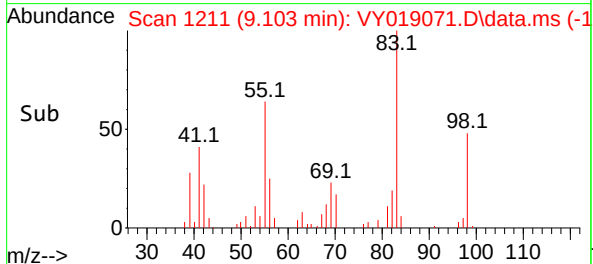
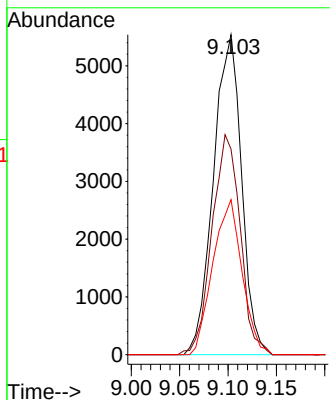
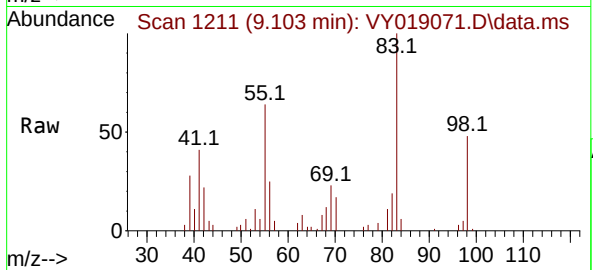
#39
Methylcyclohexane
Concen: 5.194 ug/l
RT: 9.103 min Scan# 1120
Delta R.T. 0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1120
Ion Ratio Lower Upper
83 100
55 64.3 51.5 77.3
98 48.5 40.5 60.7

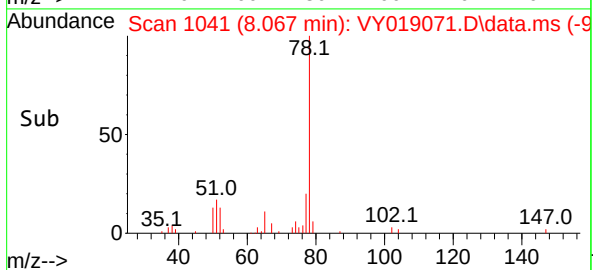
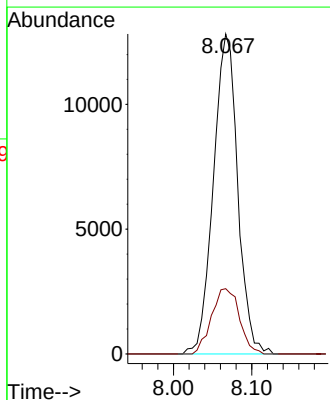
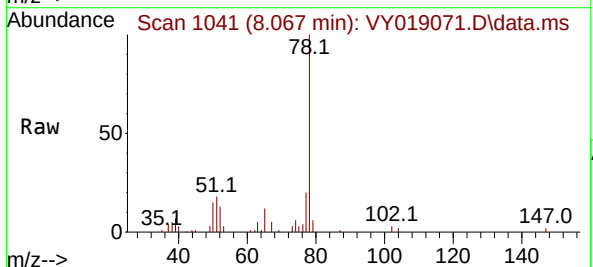
Manual Integrations
APPROVED

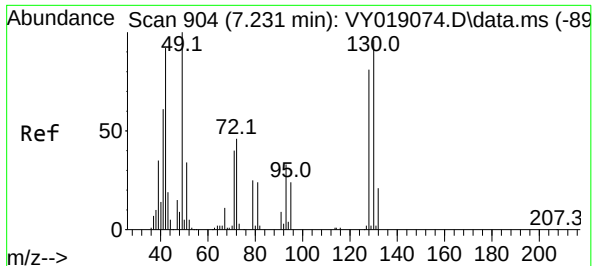
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#40
Benzene
Concen: 5.367 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

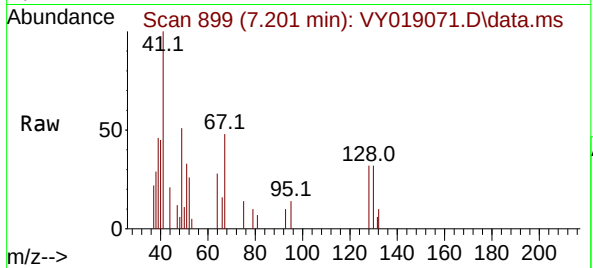
Tgt Ion: 78 Resp: 27662
Ion Ratio Lower Upper
78 100
77 20.4 19.5 29.3





#41
Methacrylonitrile
Concen: 4.943 ug/l m
RT: 7.201 min Scan# 899
Delta R.T. -0.031 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

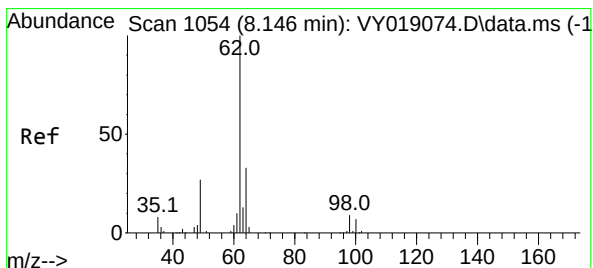
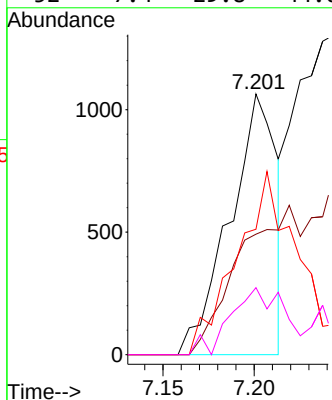
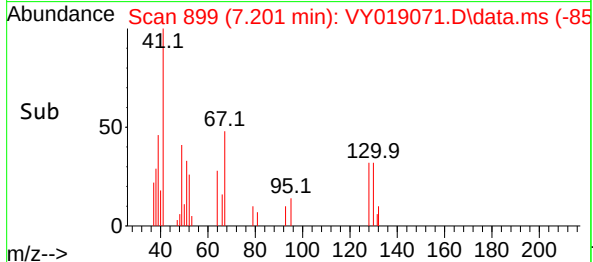
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 190
Ion Ratio Lower Upper
41 100
39 87.7 48.0 72.0
67 0.0 75.1 112.7
52 7.4 29.8 44.6

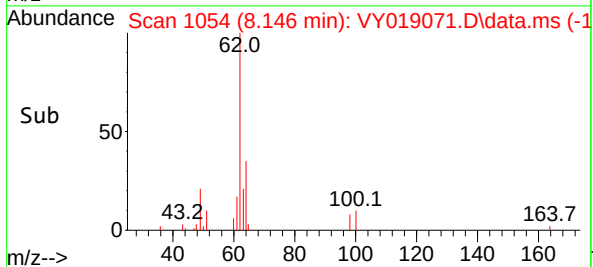
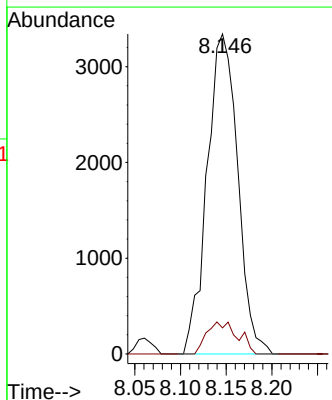
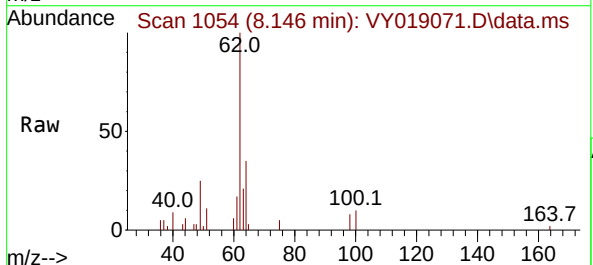
Manual Integrations
APPROVED

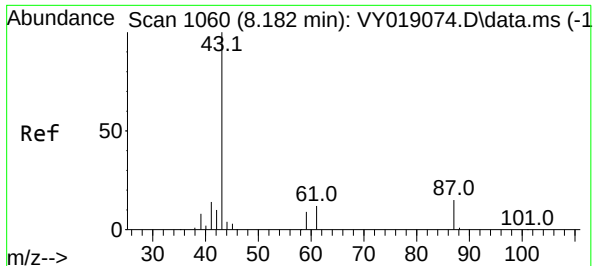
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#42
1,2-Dichloroethane
Concen: 5.595 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Tgt Ion: 62 Resp: 7787
Ion Ratio Lower Upper
62 100
98 10.1 0.0 22.0





#43

Isopropyl Acetate

Concen: 4.954 ug/l

RT: 8.189 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

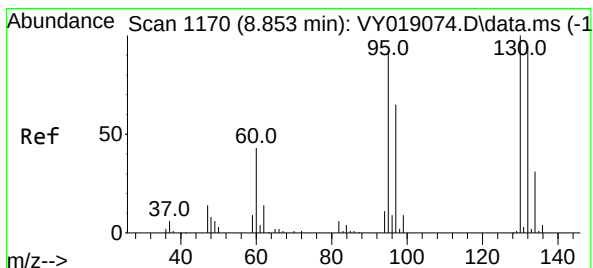
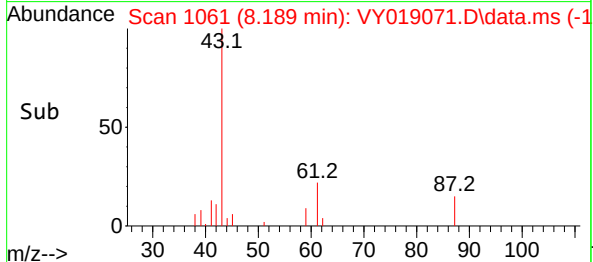
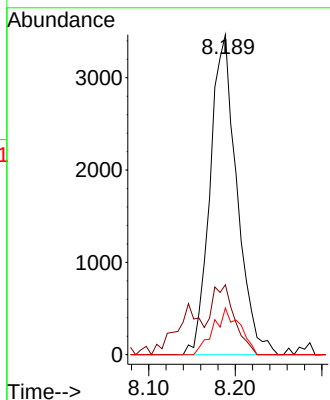
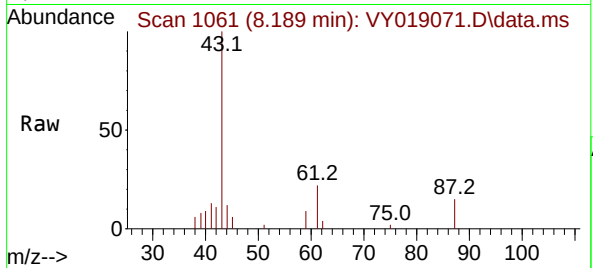
Tgt Ion: 43	Resp: 7460
Ion Ratio	Lower Upper
43 100	
61 18.9	27.9 41.9
87 14.3	13.1 19.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#44

Trichloroethene

Concen: 5.446 ug/l

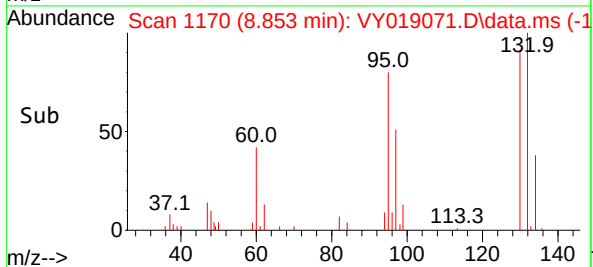
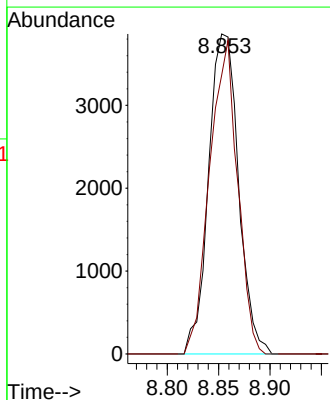
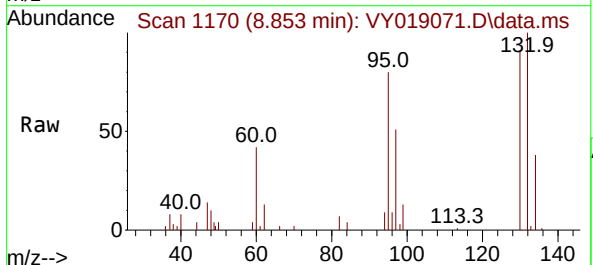
RT: 8.853 min Scan# 1170

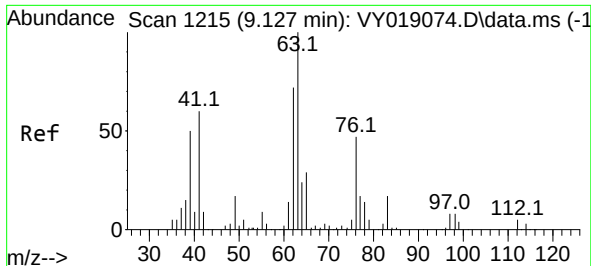
Delta R.T. -0.000 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Tgt Ion:130	Resp: 7832
Ion Ratio	Lower Upper
130 100	
95 87.2	0.0 188.0





#45

1,2-Dichloropropane

Concen: 5.518 ug/l

RT: 9.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 633

Ion Ratio Lower Upper

63 100

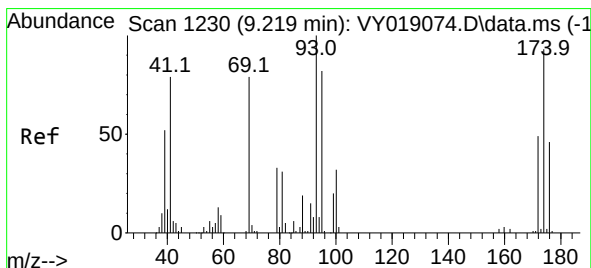
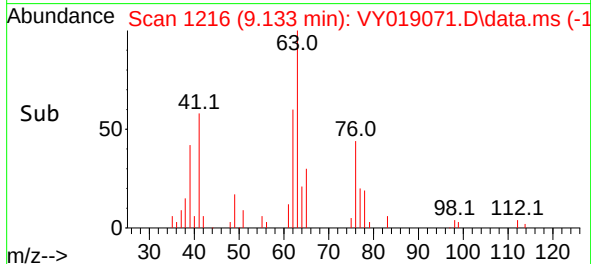
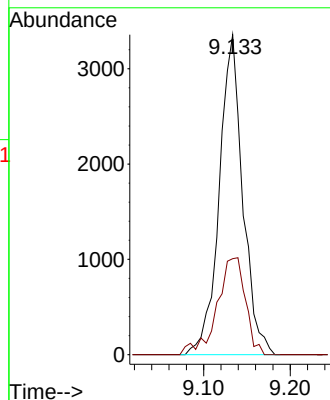
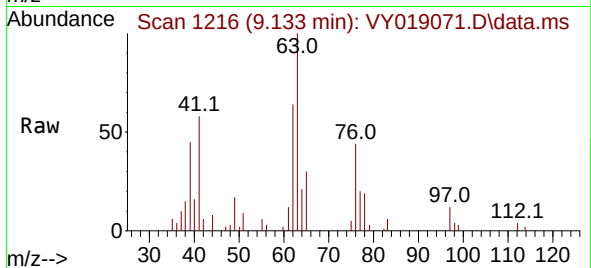
65 30.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#46

Dibromomethane

Concen: 5.188 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

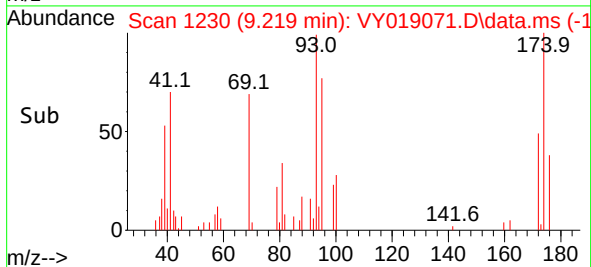
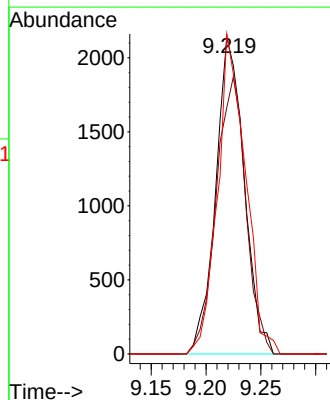
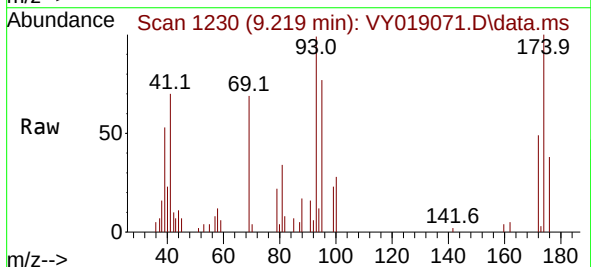
Tgt Ion: 93 Resp: 3864

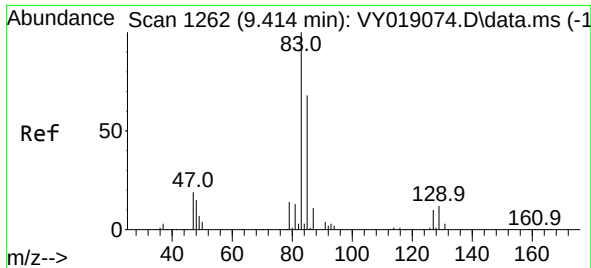
Ion Ratio Lower Upper

93 100

95 90.9 66.2 99.4

174 98.9 80.9 121.3





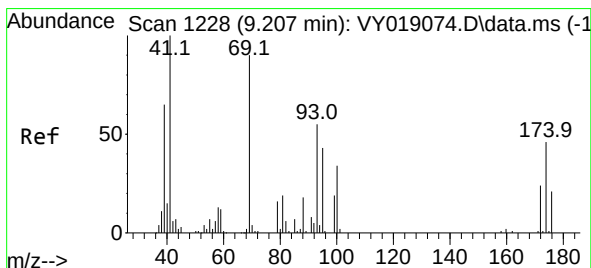
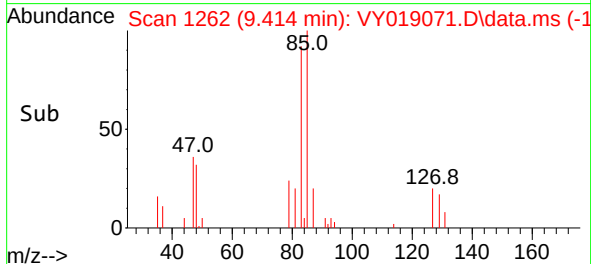
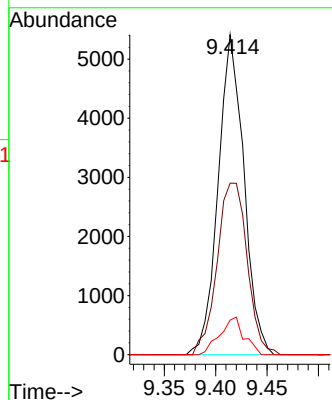
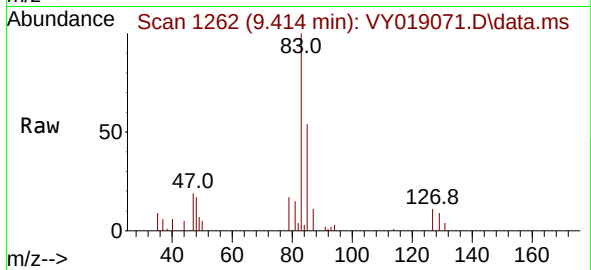
#47
Bromodichloromethane
Concen: 5.151 ug/l
RT: 9.414 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

Tgt Ion: 83 Resp: 941
Ion Ratio Lower Upper
83 100
85 53.6 50.1 75.1
127 10.8 7.4 11.0

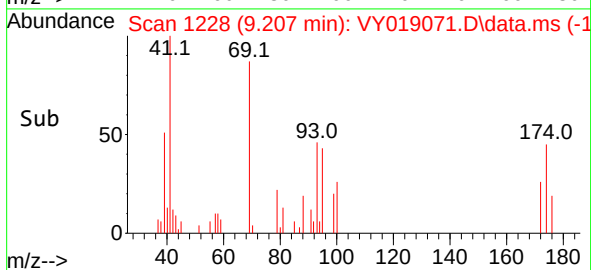
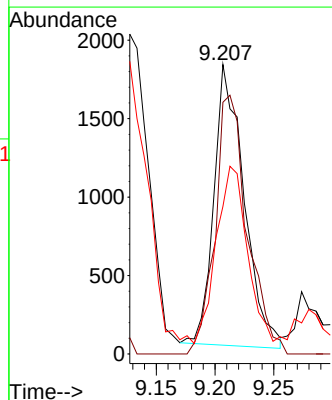
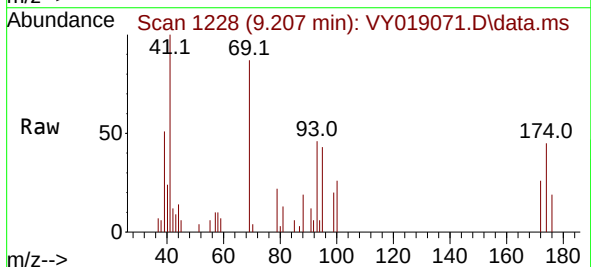
Manual Integrations
APPROVED

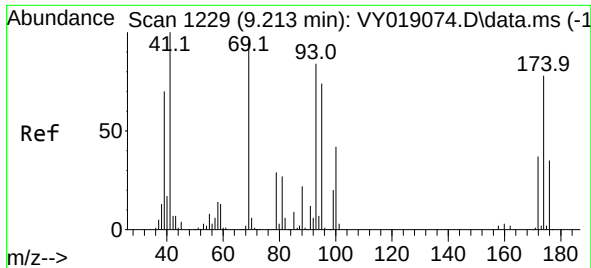
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#48
Methyl methacrylate
Concen: 4.742 ug/l
RT: 9.207 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

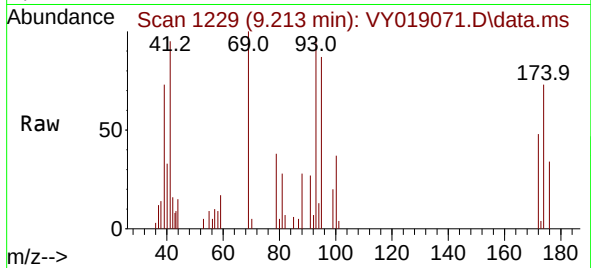
Tgt Ion: 41 Resp: 3182
Ion Ratio Lower Upper
41 100
69 99.0 84.1 126.1
39 73.2 43.6 65.4#





#49
1,4-Dioxane
Concen: 109.063 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

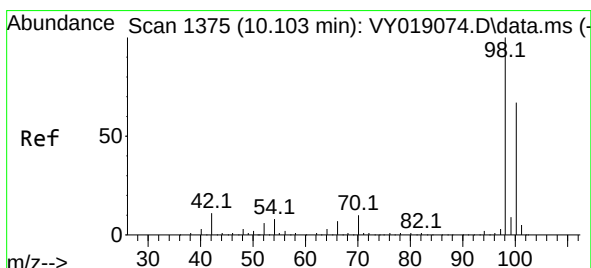
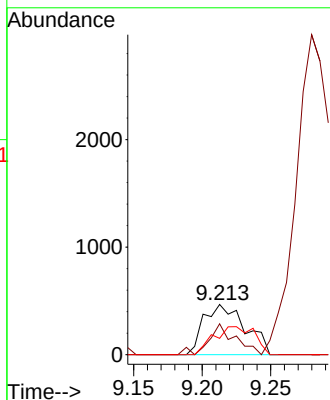
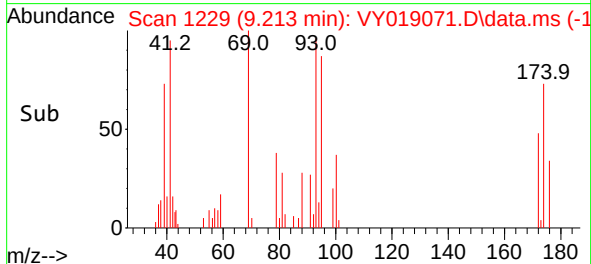
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 984
Ion Ratio Lower Upper
88 100
43 39.2 0.0 0.0
58 55.1 49.3 73.9

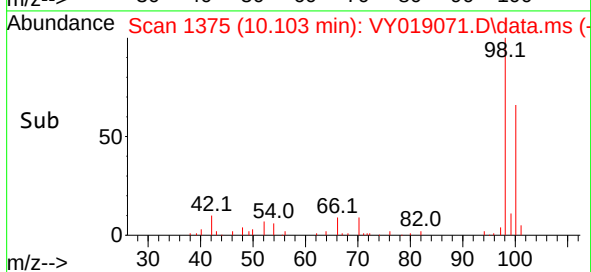
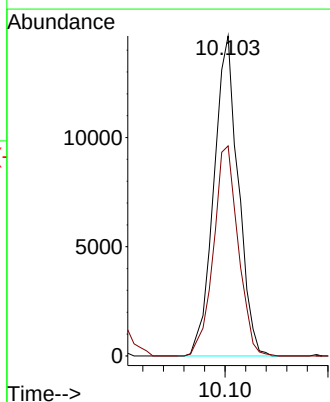
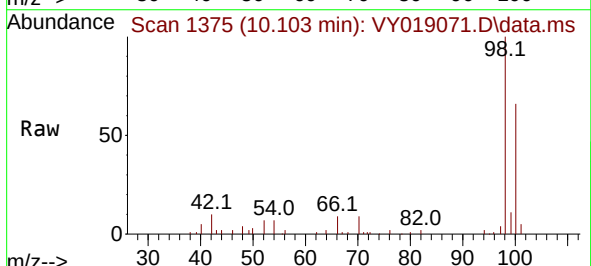
Manual Integrations
APPROVED

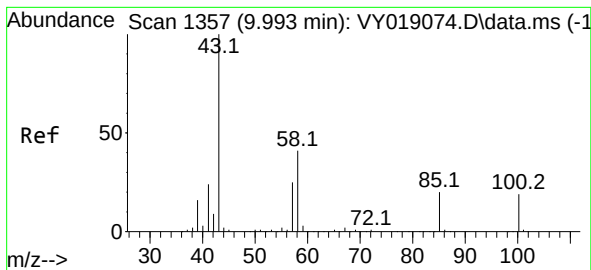
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#50
Toluene-d8
Concen: 5.483 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Tgt Ion: 98 Resp: 24147
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0





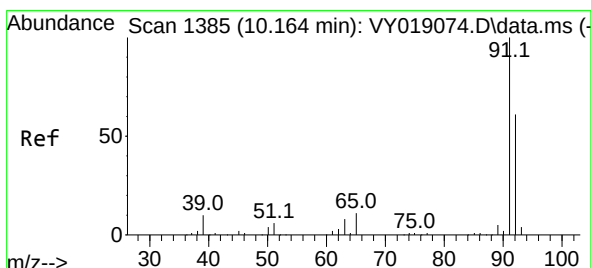
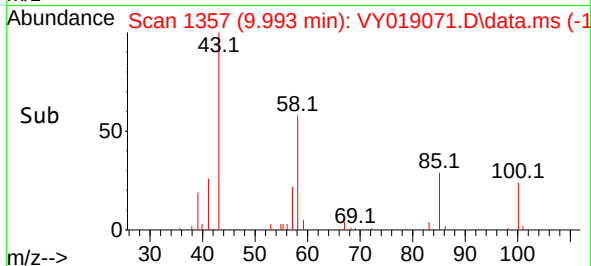
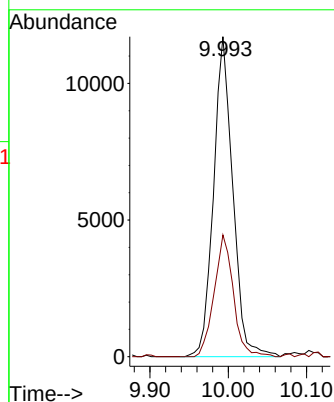
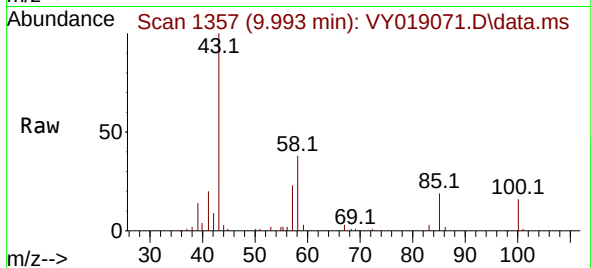
#51
4-Methyl-2-Pentanone
Concen: 25.044 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 2001
Ion Ratio Lower Upper
43 100
58 38.0 35.7 53.5

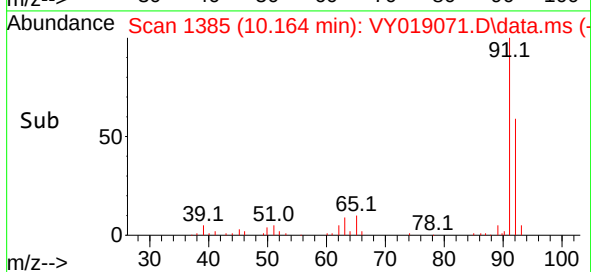
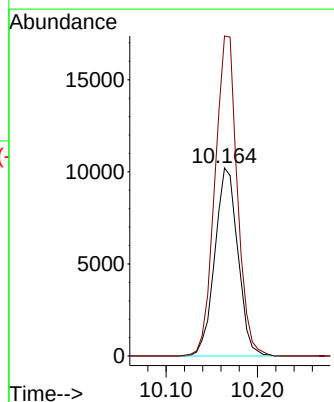
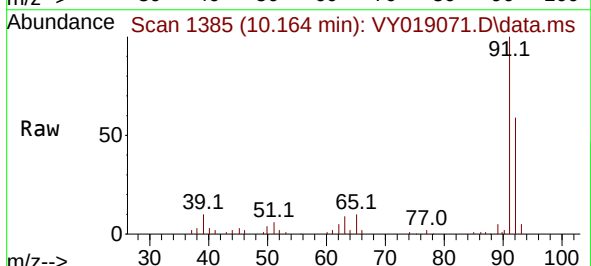
Manual Integrations
APPROVED

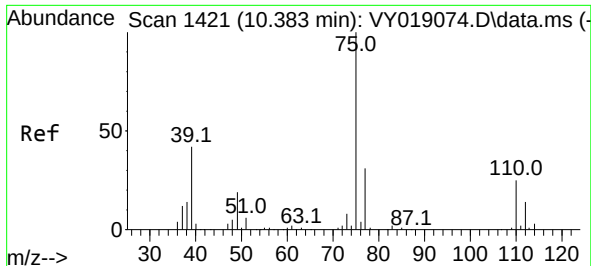
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#52
Toluene
Concen: 5.284 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

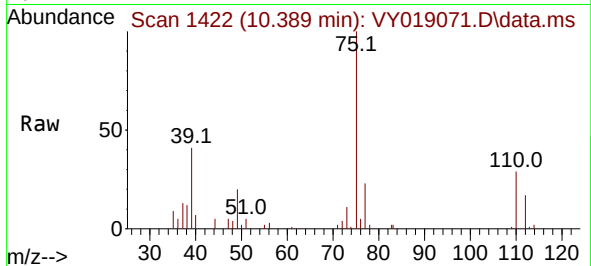
Tgt Ion: 92 Resp: 17877
Ion Ratio Lower Upper
92 100
91 165.6 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 4.989 ug/l
RT: 10.389 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

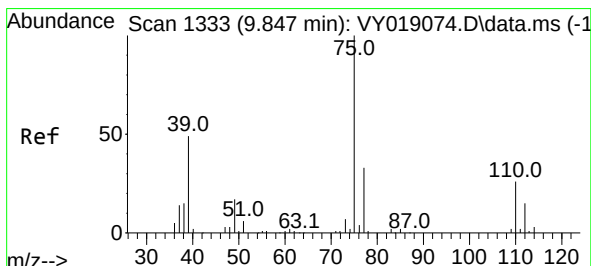
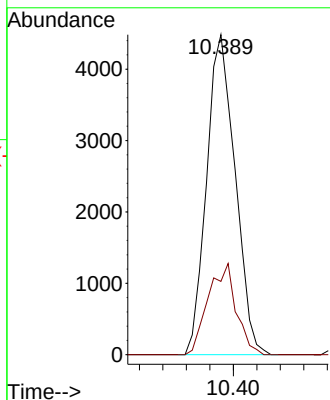
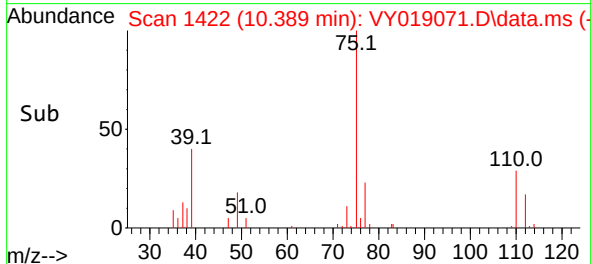
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 7562
Ion Ratio Lower Upper
75 100
77 22.9 24.1 36.1

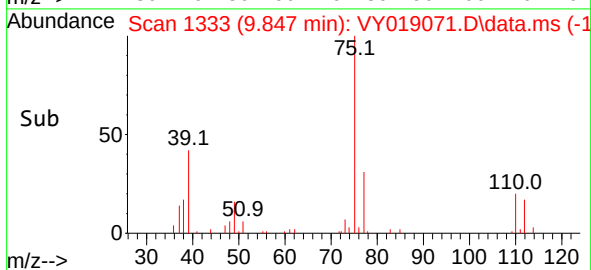
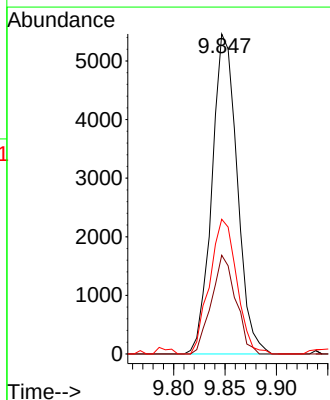
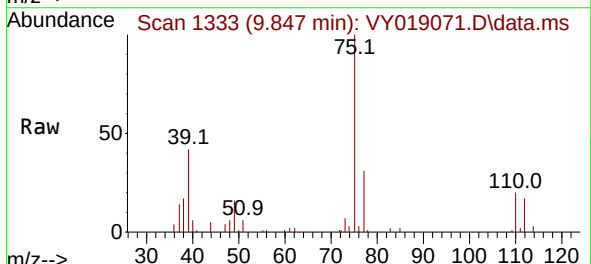
Manual Integrations
APPROVED

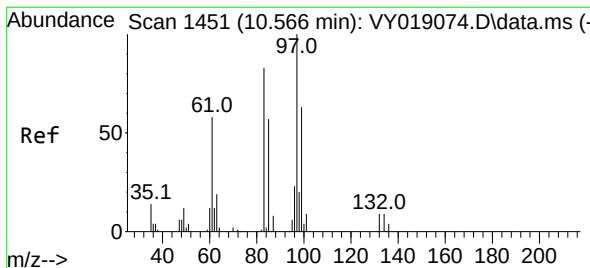
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#54
cis-1,3-Dichloropropene
Concen: 5.116 ug/l
RT: 9.847 min Scan# 1333
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

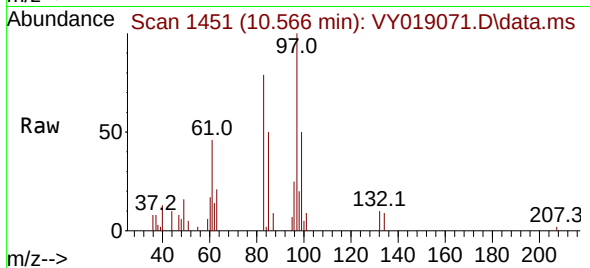
Tgt Ion: 75 Resp: 9327
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0
39 42.1 29.8 44.6





#55
1,1,2-Trichloroethane
Concen: 5.077 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

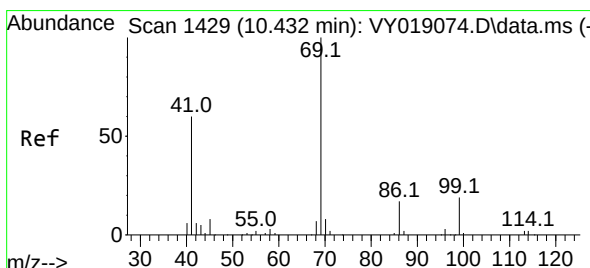
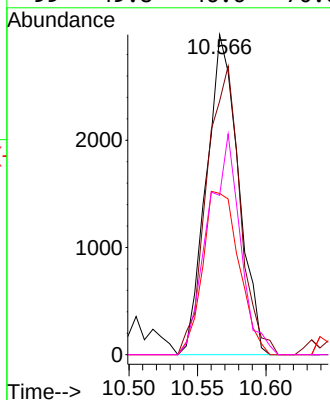
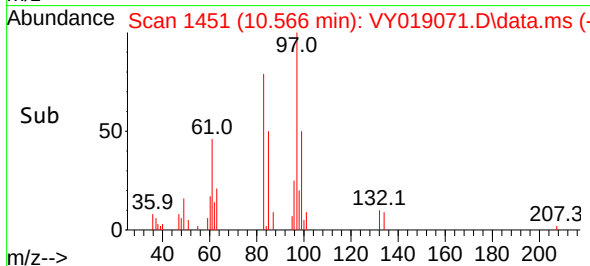
Instrument : MSVOA_Y
ClientSampleId : VSTDIC005



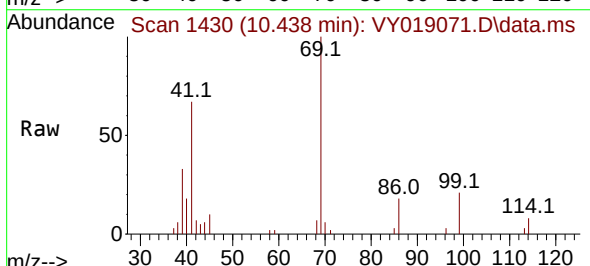
Tgt Ion:	97	Resp:	486
Ion Ratio	100	Lower	Upper
83	79.3	67.5	101.3
85	50.4	42.9	64.3
99	49.8	46.6	70.0

Manual Integrations
APPROVED

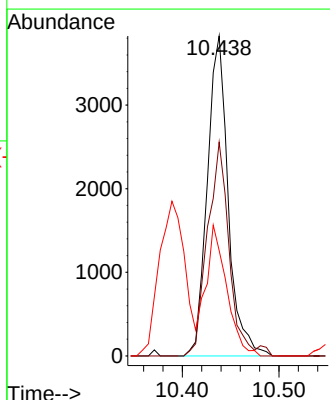
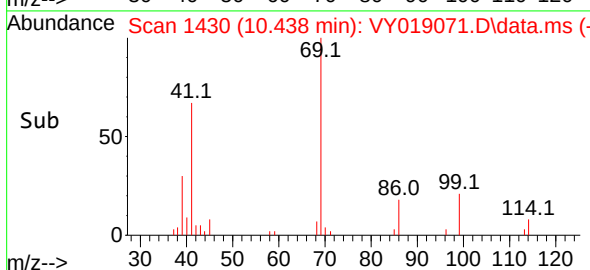
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

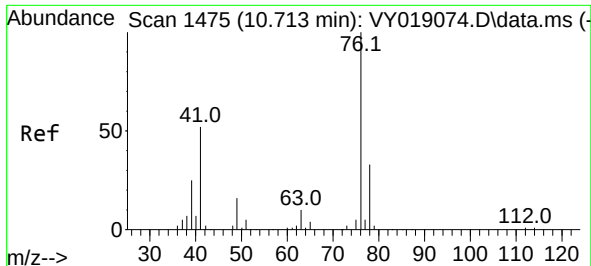


#56
Ethyl methacrylate
Concen: 4.582 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24



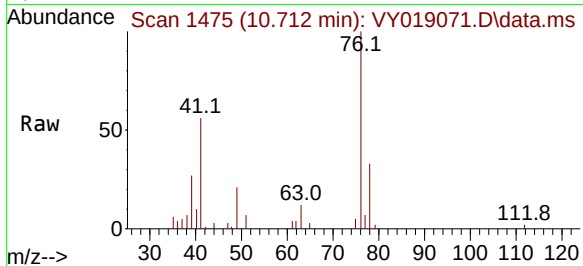
Tgt Ion:	69	Resp:	5751
Ion Ratio	100	Lower	Upper
41	69.9	42.3	63.5#
39	40.8	22.9	34.3#





#57
1,3-Dichloropropane
Concen: 5.304 ug/l
RT: 10.712 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

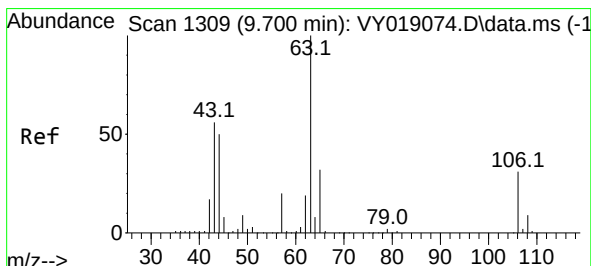
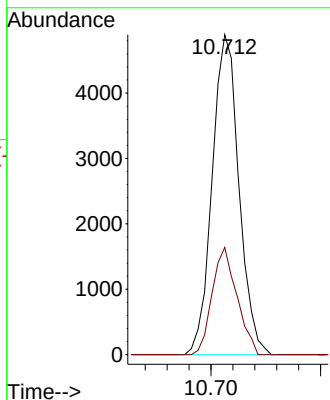
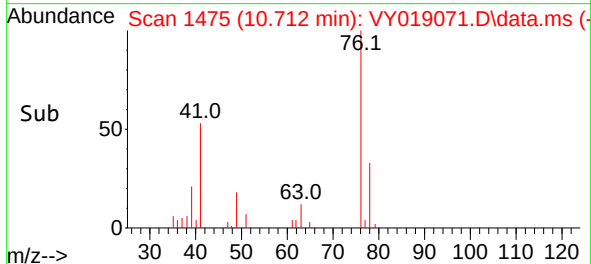
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 76 Resp: 8290
Ion Ratio Lower Upper
76 100
78 31.0 26.2 39.4

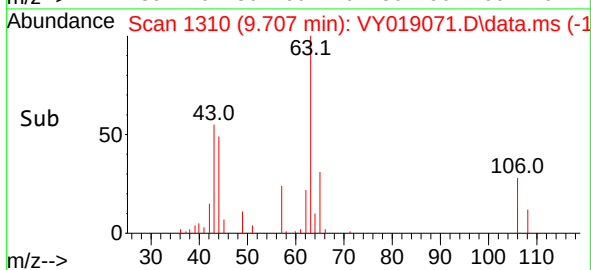
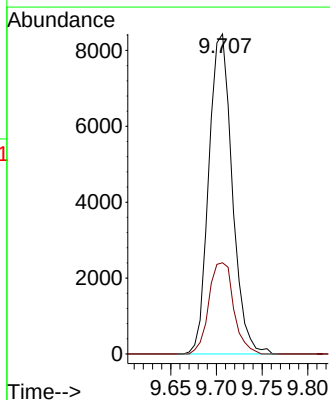
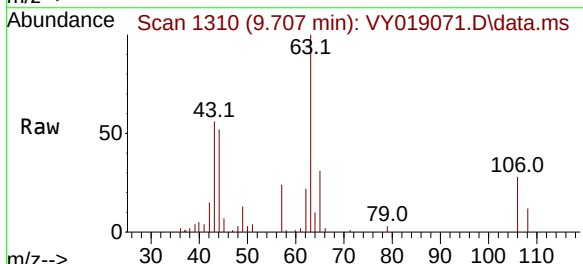
Manual Integrations
APPROVED

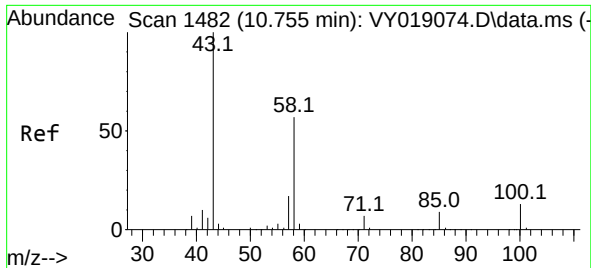
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#58
2-Chloroethyl Vinyl ether
Concen: 25.221 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Tgt Ion: 63 Resp: 15016
Ion Ratio Lower Upper
63 100
106 30.2 23.7 35.5





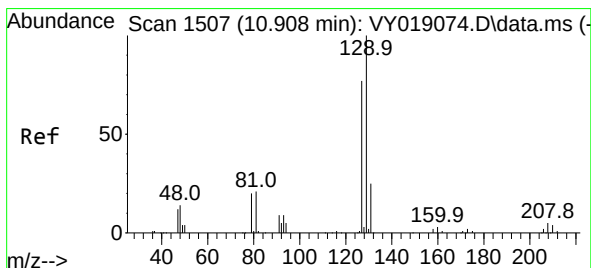
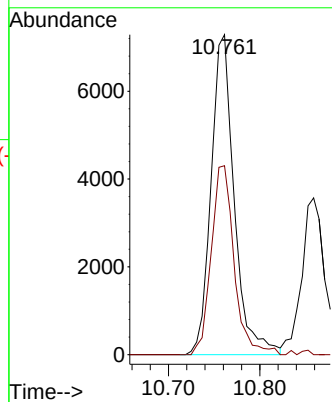
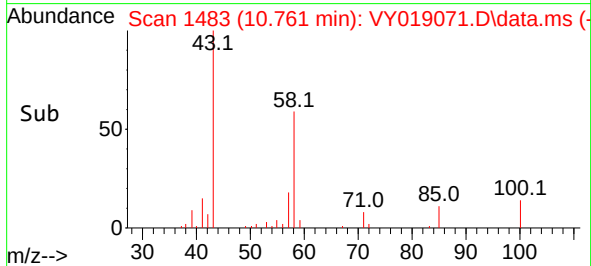
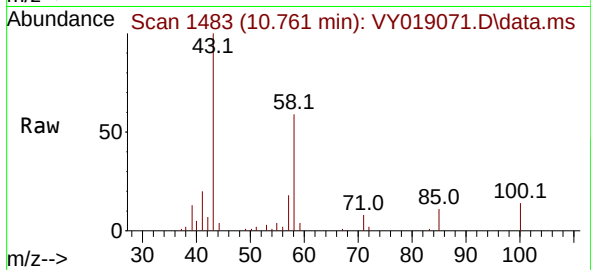
#59
2-Hexanone
Concen: 23.332 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
58 58.5 31.4 94.0

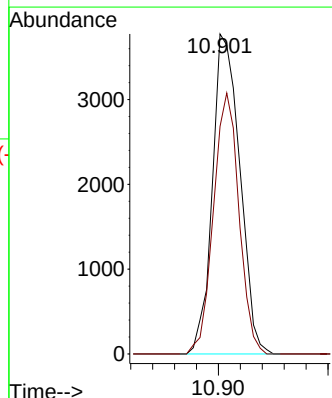
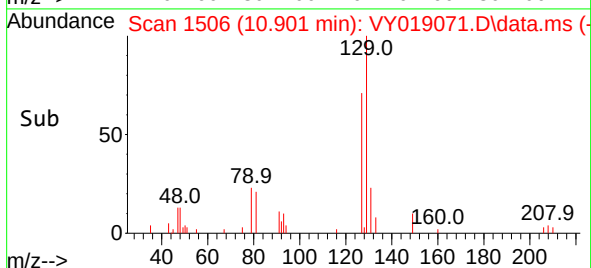
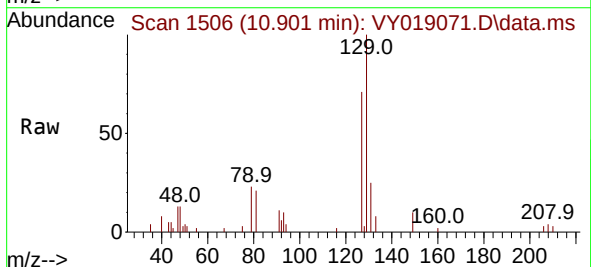
Manual Integrations
APPROVED

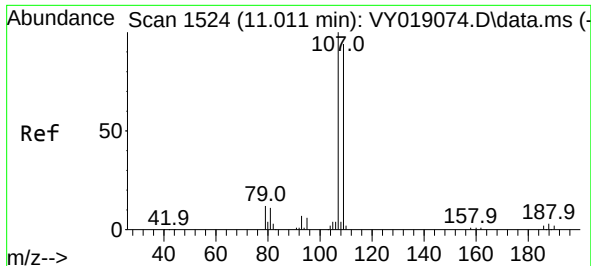
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#60
Dibromochloromethane
Concen: 5.017 ug/l
RT: 10.901 min Scan# 1506
Delta R.T. -0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

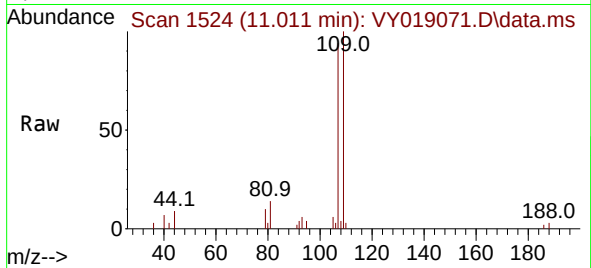
Tgt Ion:129 Resp: 6552
Ion Ratio Lower Upper
129 100
127 75.7 39.0 117.0





#61
1,2-Dibromoethane
Concen: 5.019 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

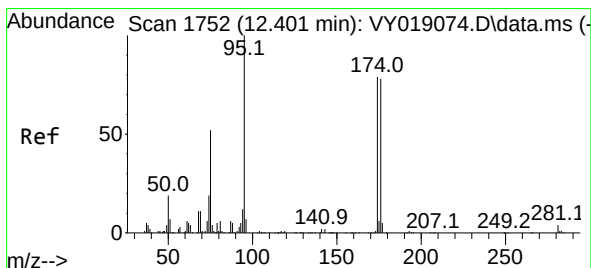
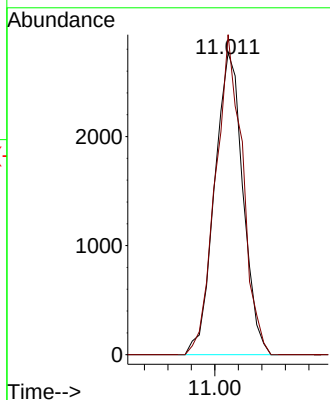
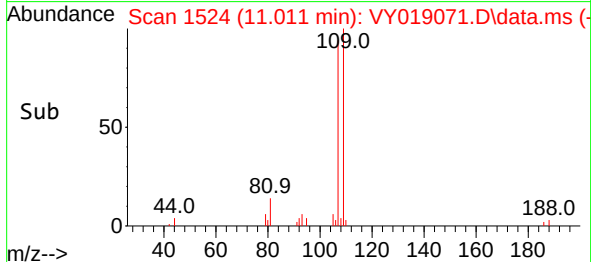
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



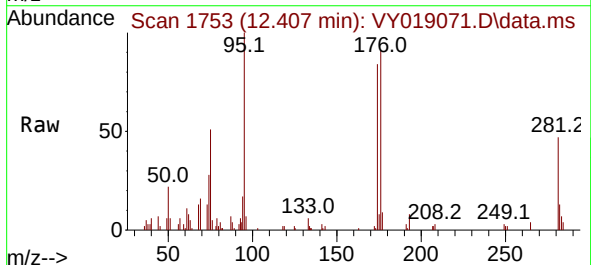
Tgt Ion: 107 Resp: 465
Ion Ratio Lower Upper
107 100
109 100.8 75.9 113.9

Manual Integrations
APPROVED

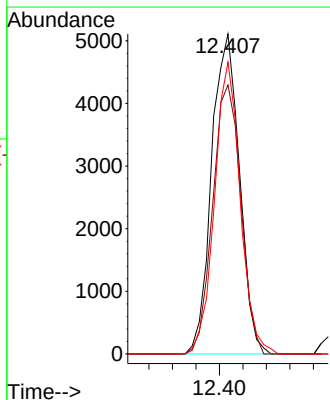
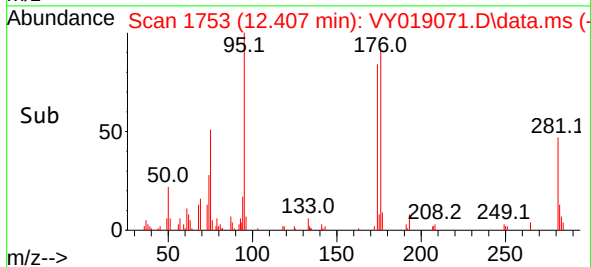
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

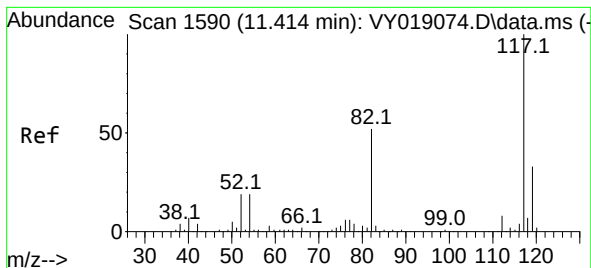


#62
4-Bromofluorobenzene
Concen: 5.596 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24



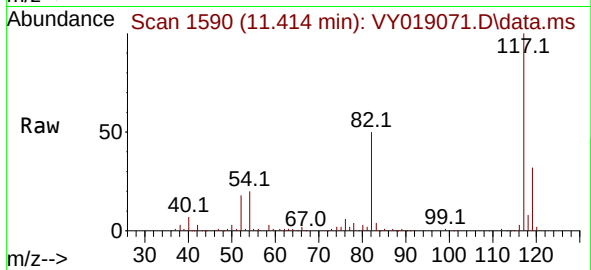
Tgt Ion: 95 Resp: 8401
Ion Ratio Lower Upper
95 100
174 84.8 0.0 175.6
176 84.4 0.0 171.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

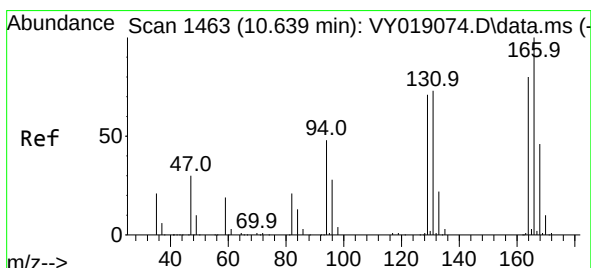
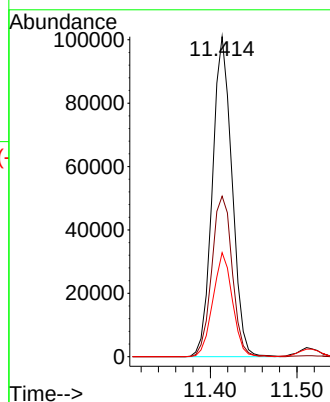
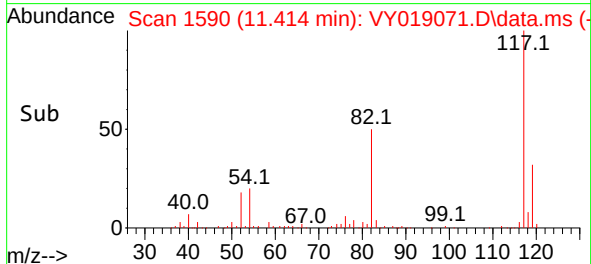
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



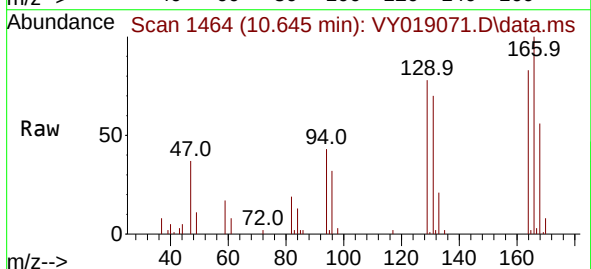
Tgt Ion:117 Resp: 15891
Ion Ratio Lower Upper
117 100
82 50.2 42.4 63.6
119 32.5 25.9 38.9

Manual Integrations
APPROVED

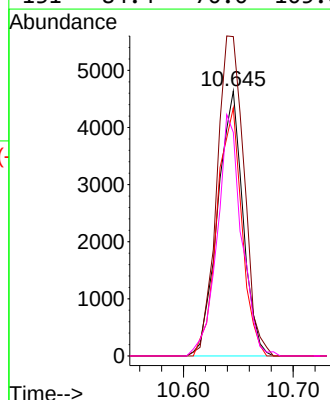
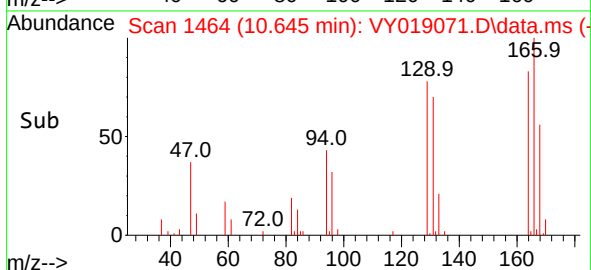
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

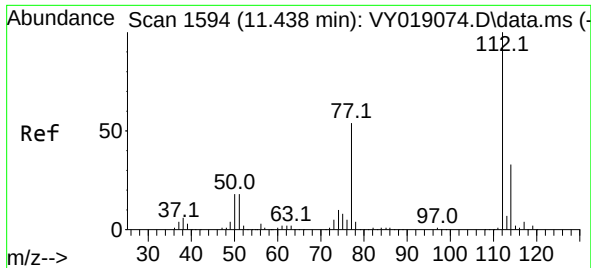


#64
Tetrachloroethene
Concen: 5.348 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24



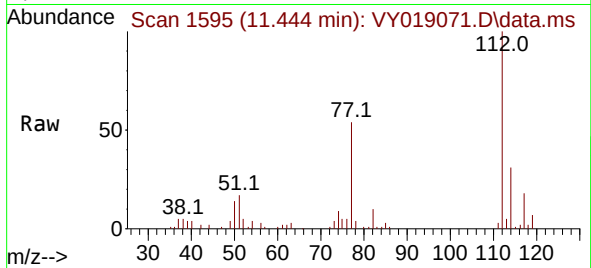
Tgt Ion:164 Resp: 7429
Ion Ratio Lower Upper
164 100
166 120.5 102.6 154.0
129 93.6 72.0 108.0
131 84.4 70.0 105.0





#65
Chlorobenzene
Concen: 5.324 ug/l
RT: 11.444 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

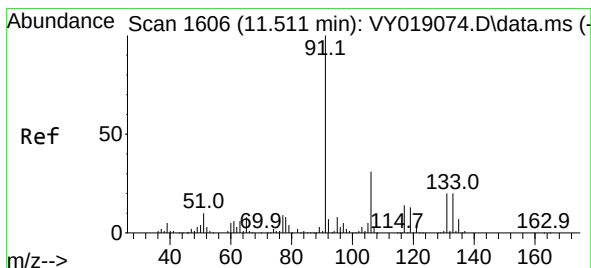
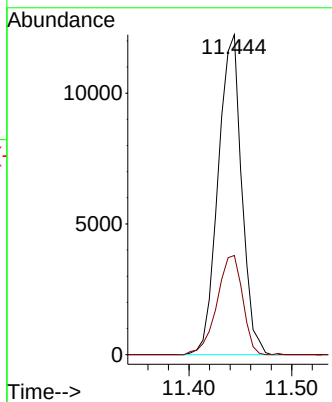
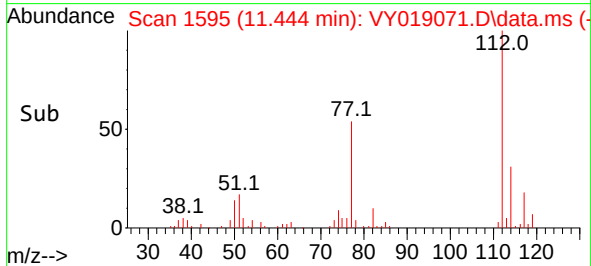
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion:112 Resp: 1948
Ion Ratio Lower Upper
112 100
114 31.0 26.4 39.6

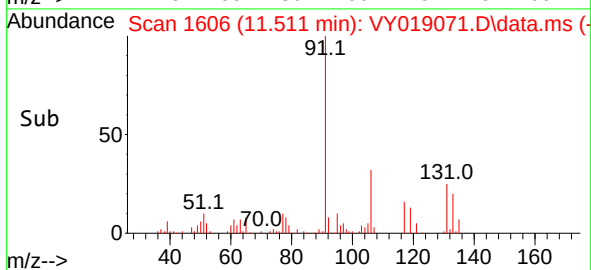
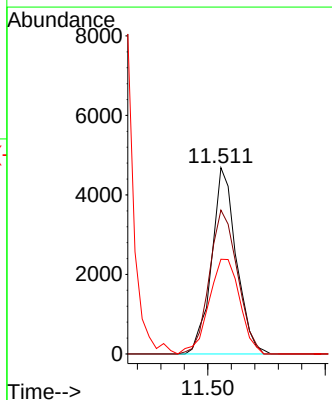
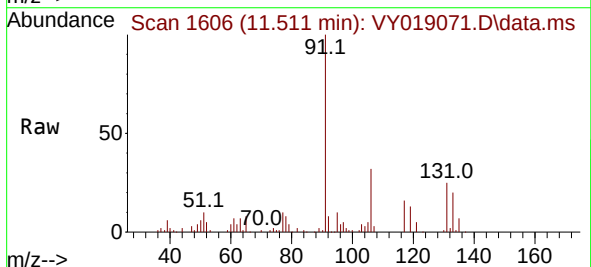
Manual Integrations
APPROVED

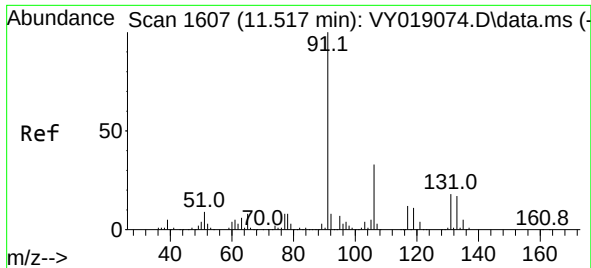
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 5.295 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Tgt Ion:131 Resp: 6814
Ion Ratio Lower Upper
131 100
133 88.2 47.8 143.3
119 63.9 34.1 102.2





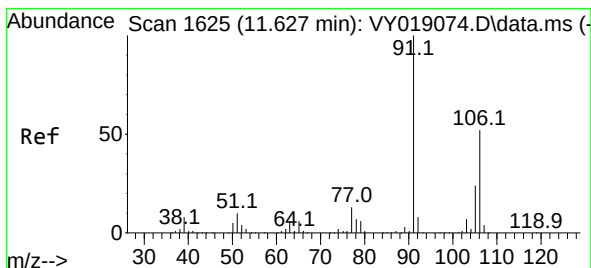
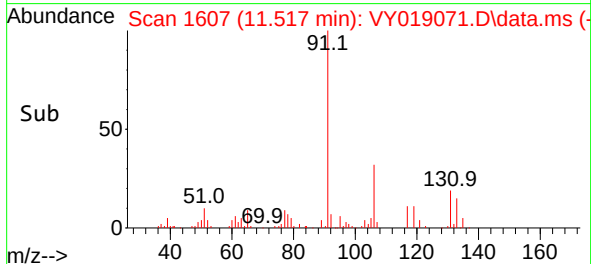
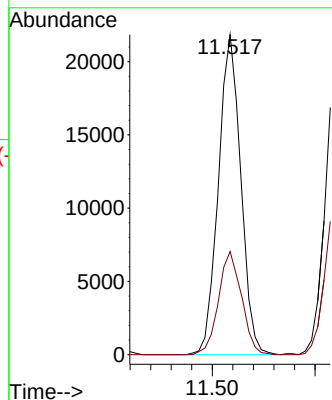
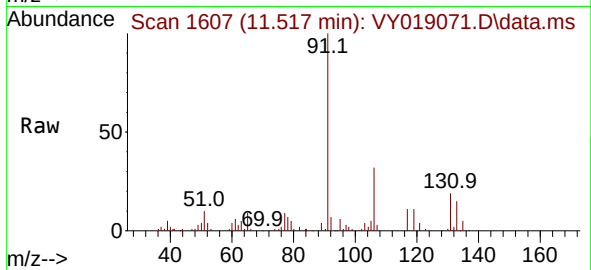
#67
Ethyl Benzene
Concen: 5.199 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 33018
Ion Ratio Lower Upper
91 100
106 32.2 24.5 36.7

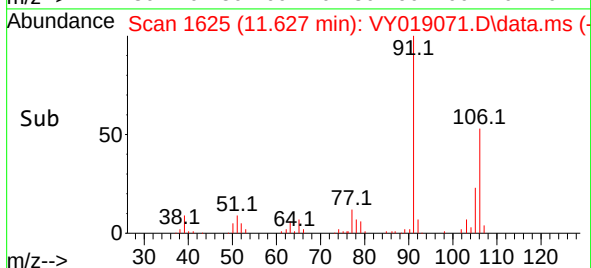
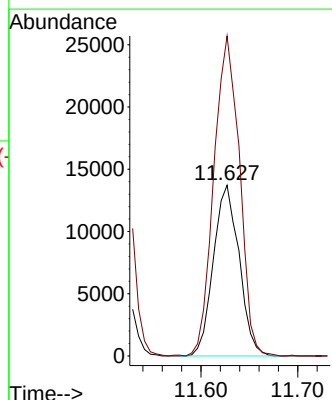
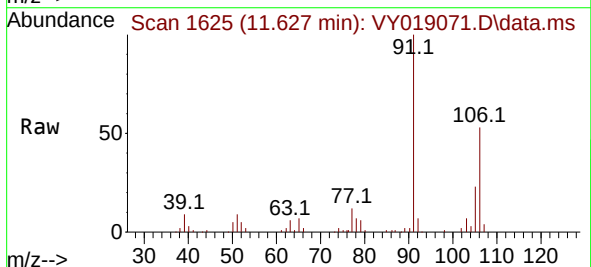
Manual Integrations
APPROVED

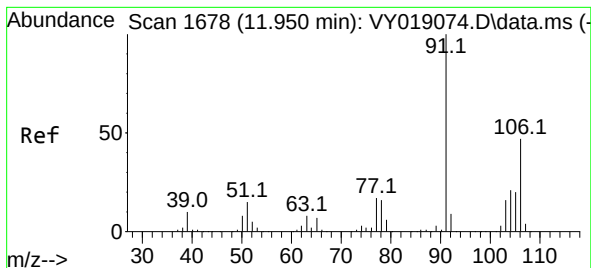
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#68
m/p-Xylenes
Concen: 10.058 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Tgt Ion:106 Resp: 25348
Ion Ratio Lower Upper
106 100
91 187.3 156.0 234.0





#69

o-Xylene

Concen: 4.932 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:106 Resp: 11510

Ion Ratio Lower Upper

106 100

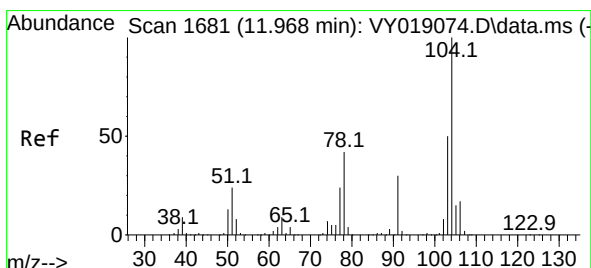
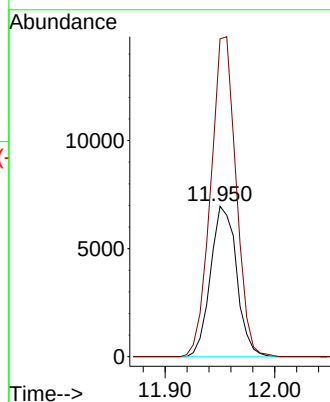
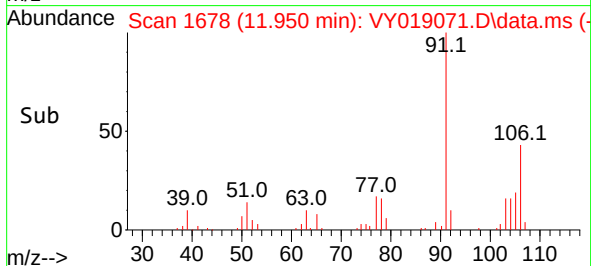
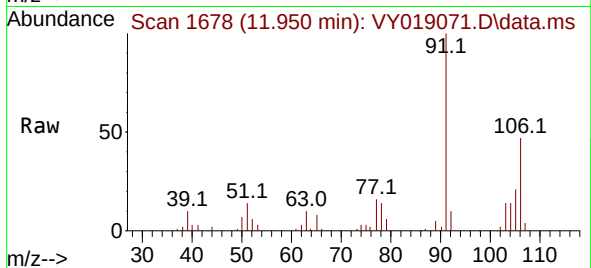
91 206.9 103.6 310.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/16/2024

Supervised By :Mahesh Dadoda 08/16/2024



#70

Styrene

Concen: 4.943 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

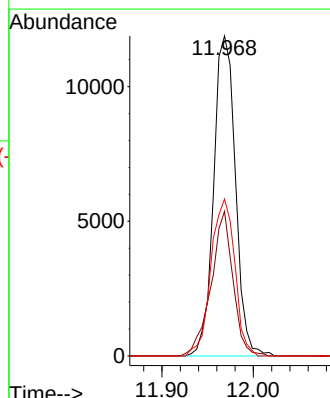
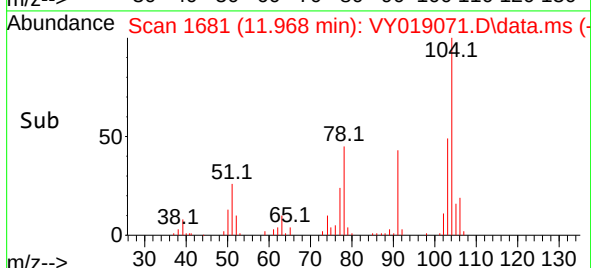
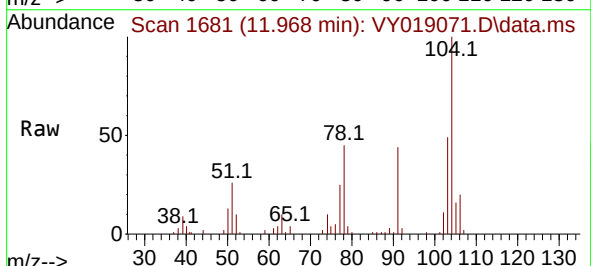
Tgt Ion:104 Resp: 19672

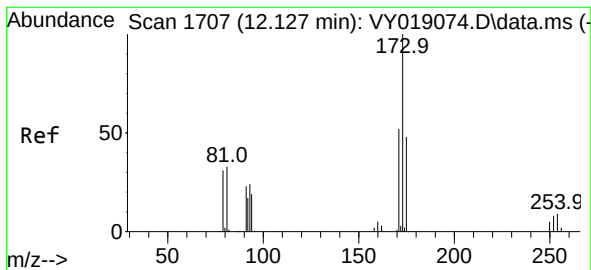
Ion Ratio Lower Upper

104 100

78 45.4 37.0 55.4

103 53.6 44.2 66.2





#71

Bromoform

Concen: 4.970 ug/l

RT: 12.127 min Scan# 1707

Delta R.T. -0.000 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

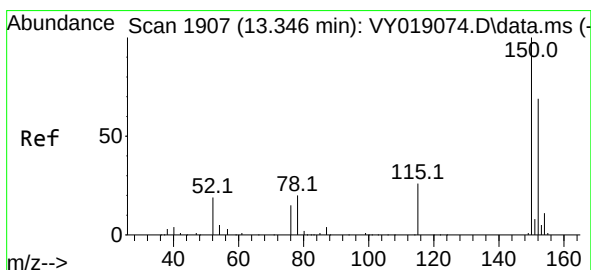
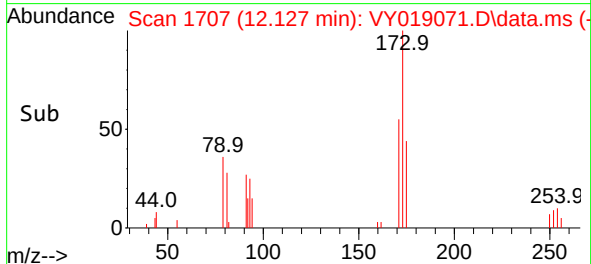
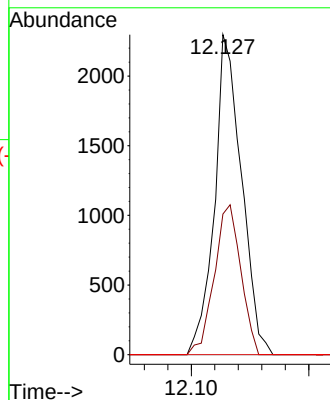
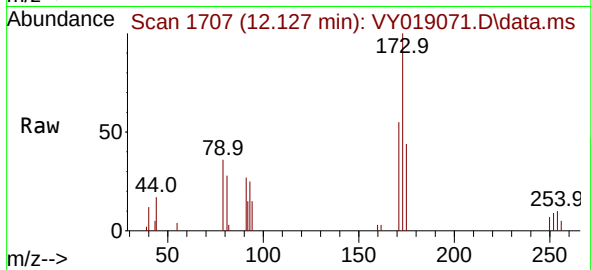
VSTDIC005

Tgt Ion:	173	Resp:	3650
Ion Ratio	Lower	Upper	
173	100		
175	46.1	25.1	75.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

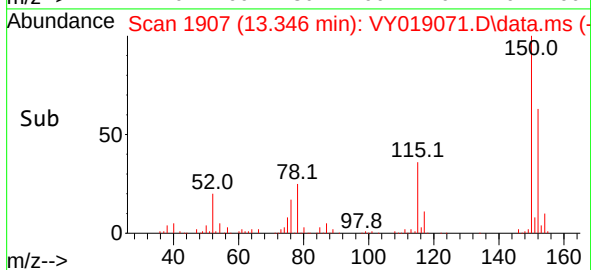
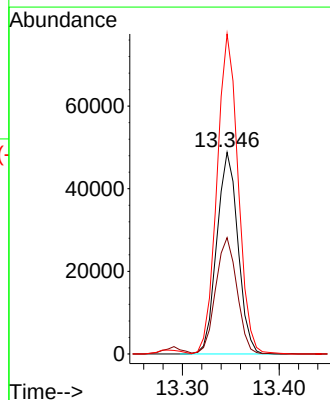
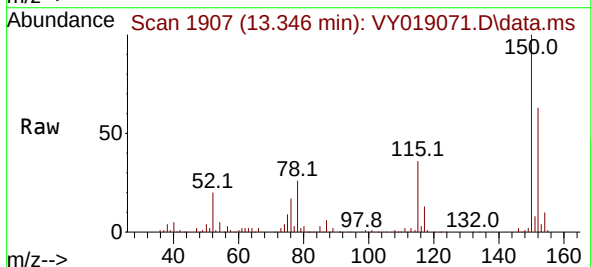
RT: 13.346 min Scan# 1907

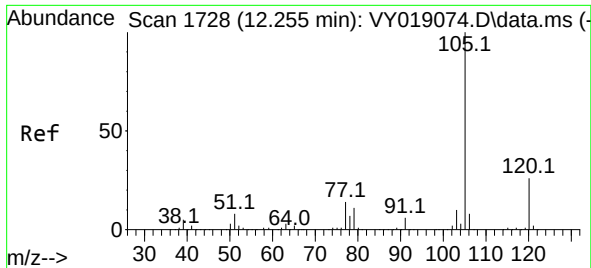
Delta R.T. -0.000 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

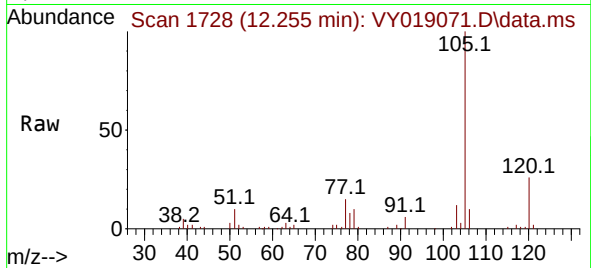
Tgt Ion:	152	Resp:	73893
Ion Ratio	Lower	Upper	
152	100		
115	58.2	28.2	84.7
150	159.2	0.0	345.6





#73
Isopropylbenzene
Concen: 5.221 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

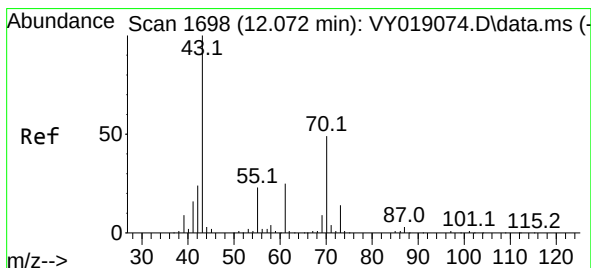
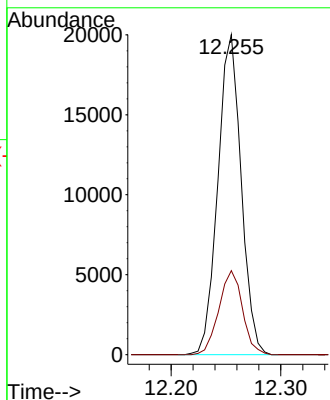
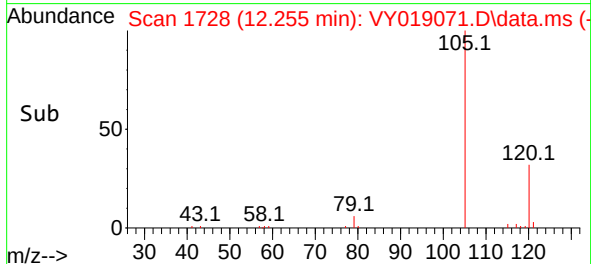
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:105 Resp: 29569
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1

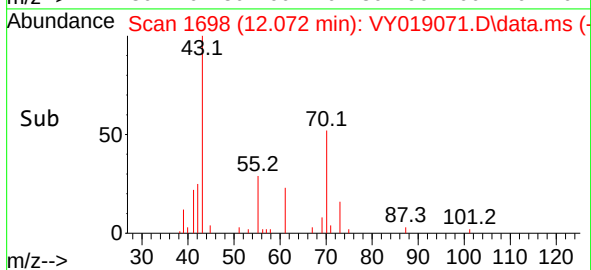
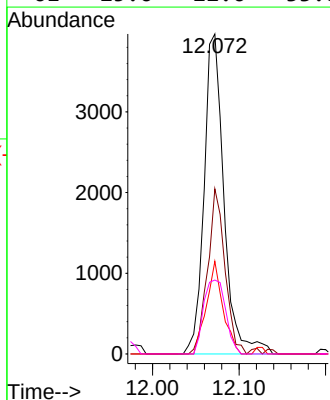
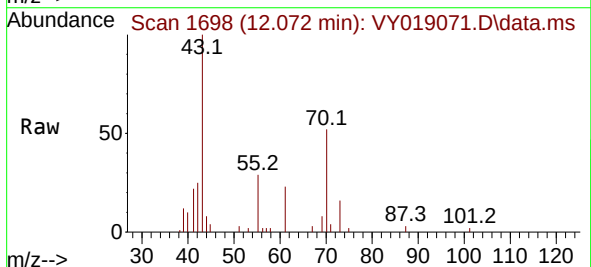
Manual Integrations
APPROVED

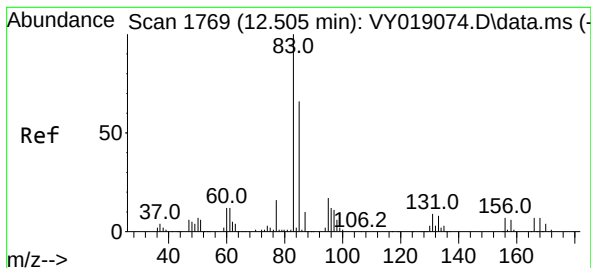
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#74
N-ethyl acetate
Concen: 5.130 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Tgt Ion: 43 Resp: 6335
Ion Ratio Lower Upper
43 100
70 45.0 41.4 62.2
55 24.2 23.3 34.9
61 25.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 5.988 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

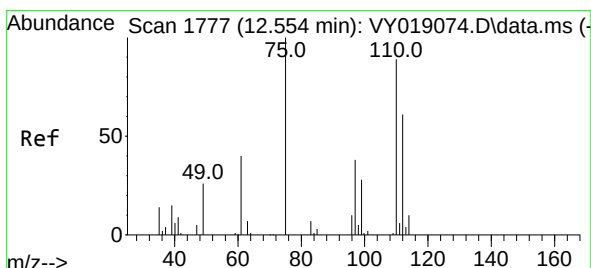
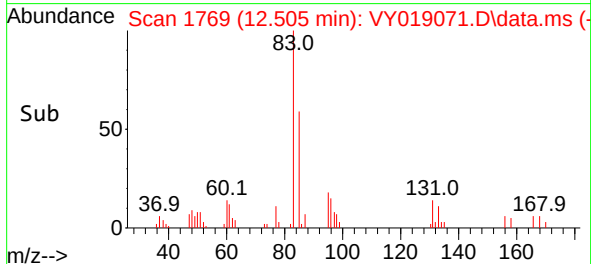
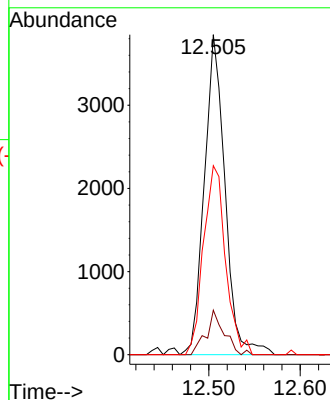
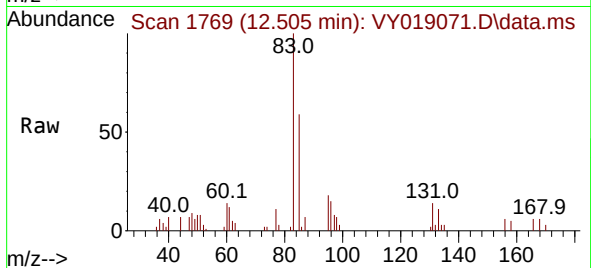
VSTDIC005

Tgt Ion: 83 Resp: 6038
 Ion Ratio Lower Upper
 83 100
 131 12.2 5.0 14.9
 85 63.1 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024



#76

1,2,3-Trichloropropane

Concen: 6.185 ug/l m

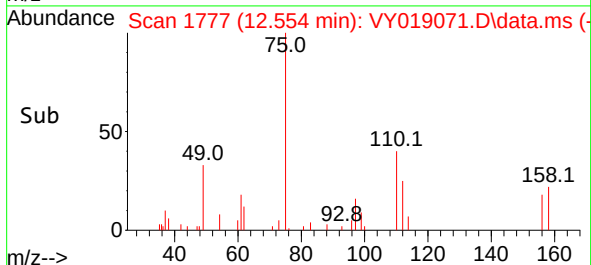
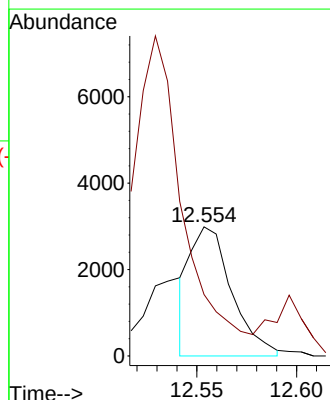
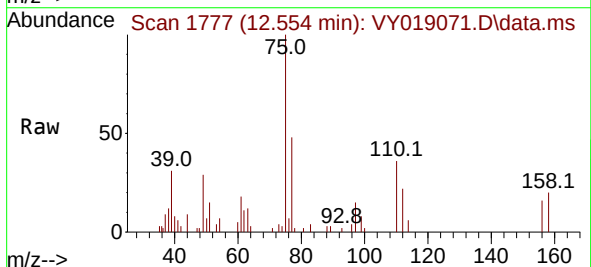
RT: 12.554 min Scan# 1777

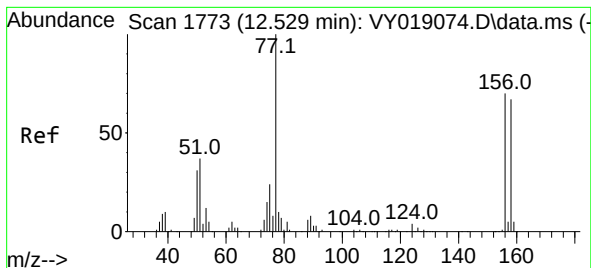
Delta R.T. -0.000 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Tgt Ion: 75 Resp: 4341
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.369 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

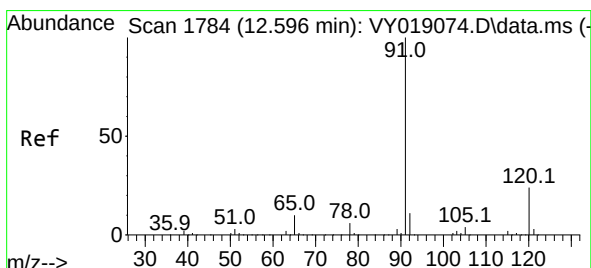
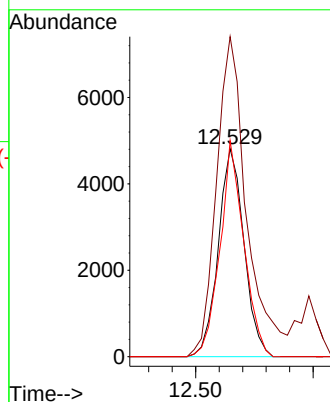
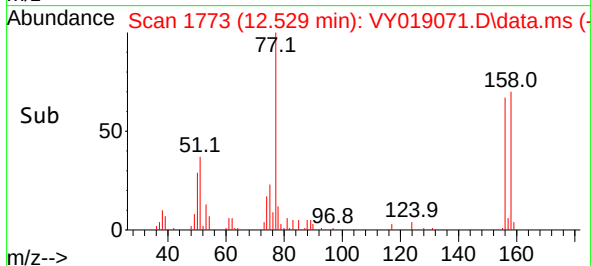
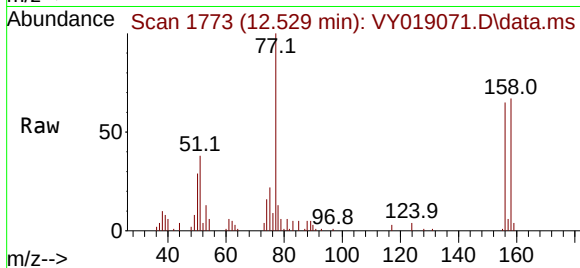
VSTDIC005

Tgt Ion:156 Resp: 730
 Ion Ratio Lower Upper
 156 100
 77 181.1 87.1 261.3
 158 96.5 48.6 145.9

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024



#78

n-propylbenzene

Concen: 5.357 ug/l

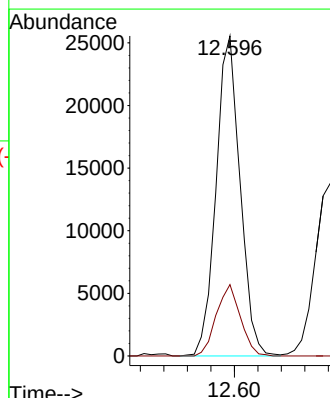
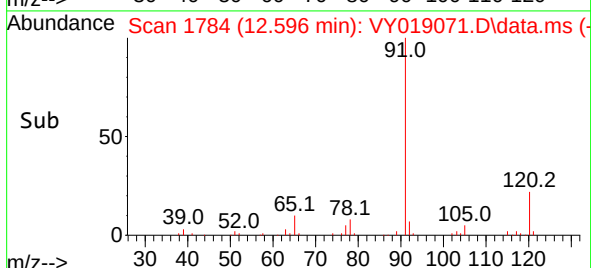
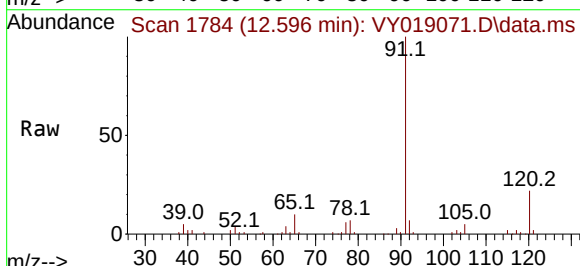
RT: 12.596 min Scan# 1784

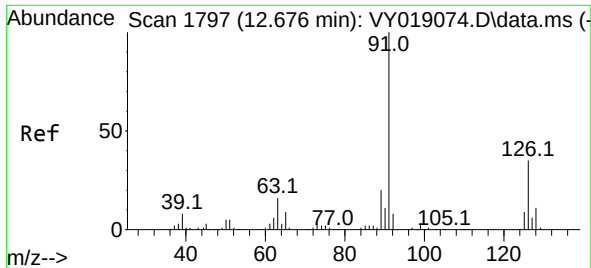
Delta R.T. -0.000 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Tgt Ion: 91 Resp: 36268
 Ion Ratio Lower Upper
 91 100
 120 22.3 11.5 34.4





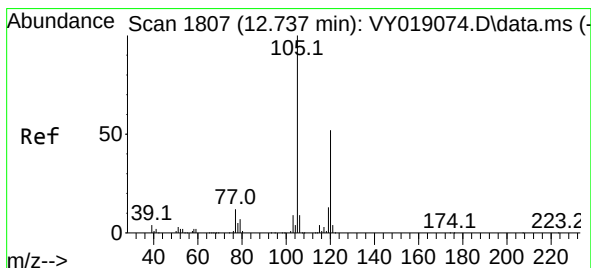
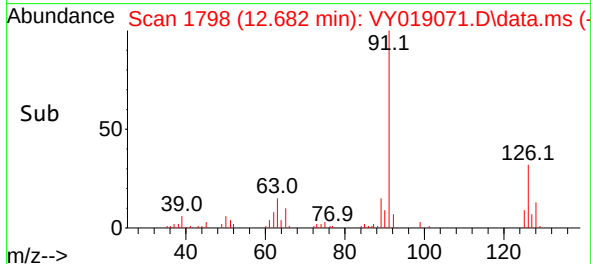
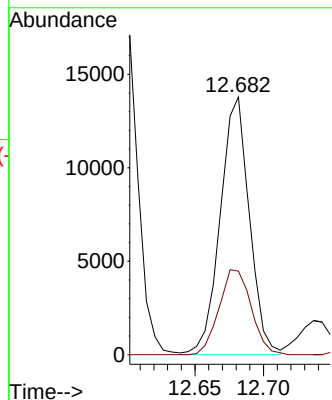
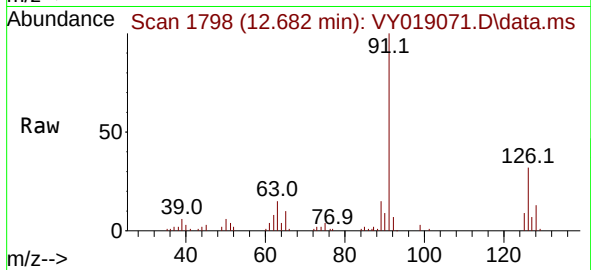
#79
2-Chlorotoluene
Concen: 5.373 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 20394
Ion Ratio Lower Upper
91 100
126 36.4 17.8 53.5

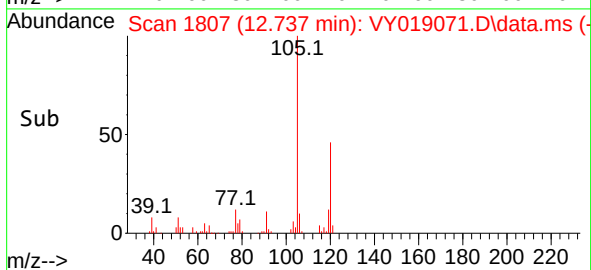
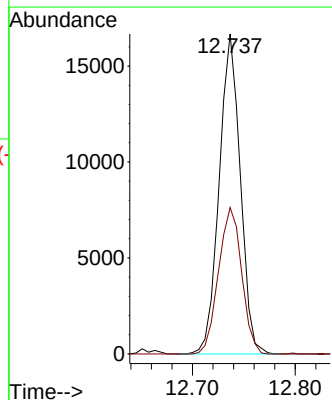
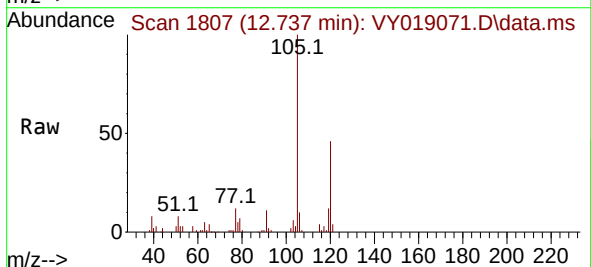
Manual Integrations
APPROVED

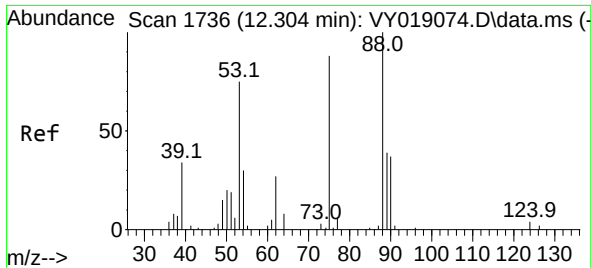
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 5.139 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

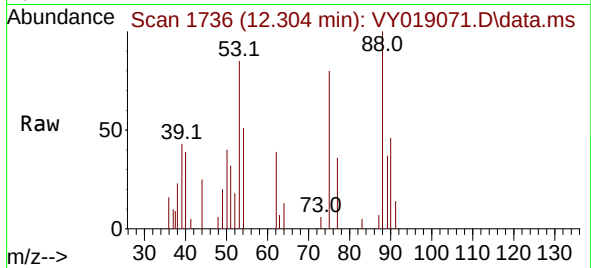
Tgt Ion:105 Resp: 23712
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 5.199 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

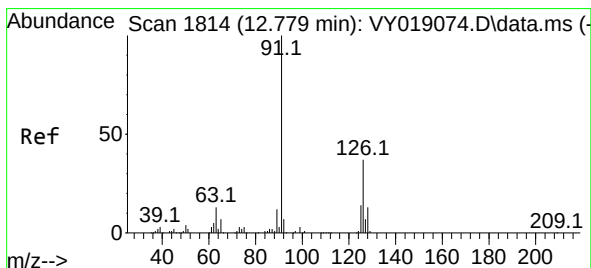
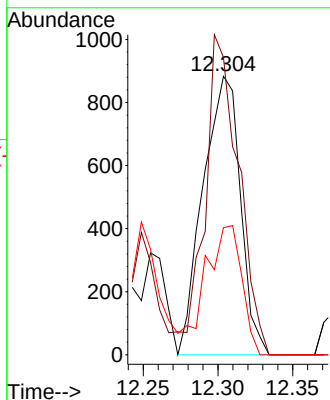
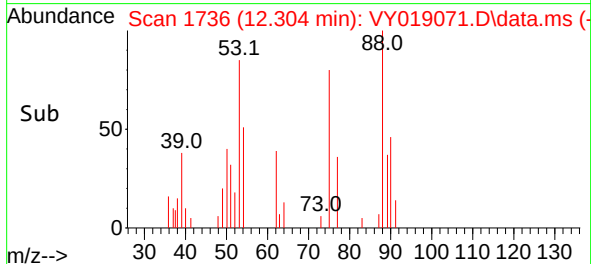
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



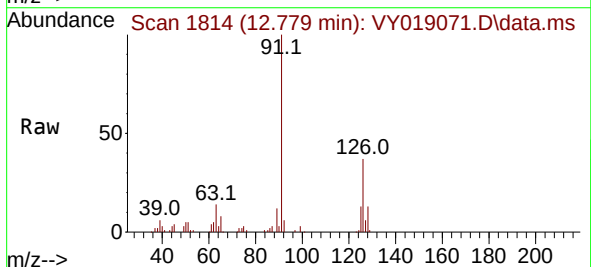
Tgt Ion: 75 Resp: 1534
Ion Ratio Lower Upper
75 100
53 104.0 66.8 100.2
89 45.2 35.8 53.6

Manual Integrations
APPROVED

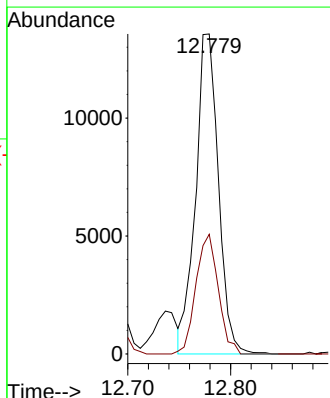
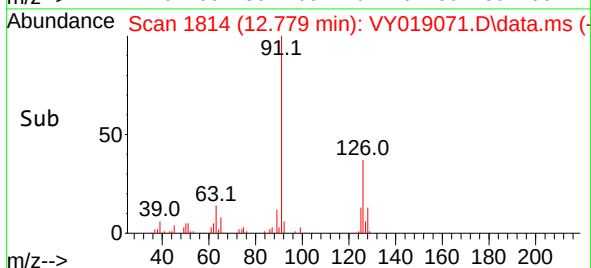
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024

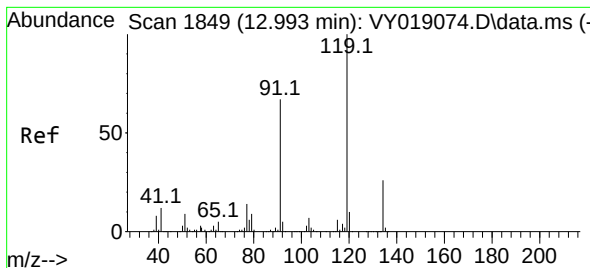


#82
4-Chlorotoluene
Concen: 5.314 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24



Tgt Ion: 91 Resp: 20986
Ion Ratio Lower Upper
91 100
126 36.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 5.148 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

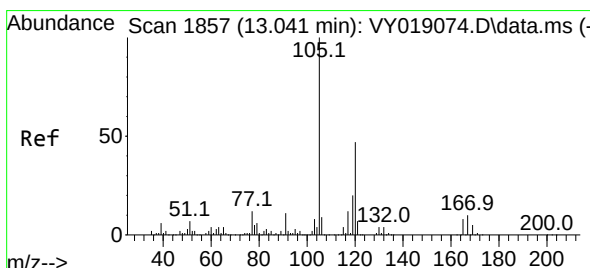
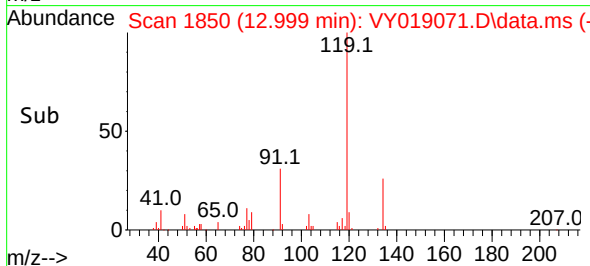
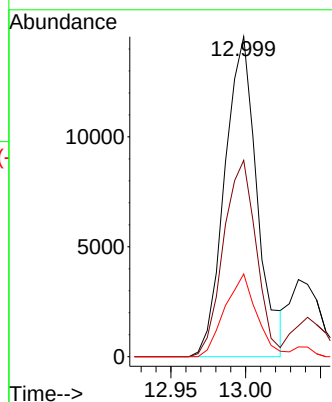
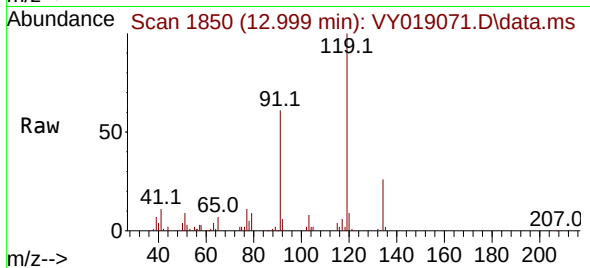
VSTDIC005

Tgt Ion:	119	Resp:	2193
Ion Ratio	Lower	Upper	
119	100		
91	62.1	31.3	93.8
134	25.6	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#84

1,2,4-Trimethylbenzene

Concen: 5.035 ug/l

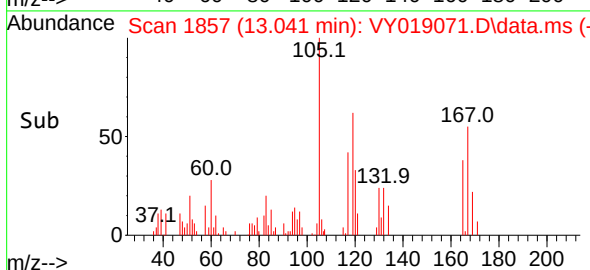
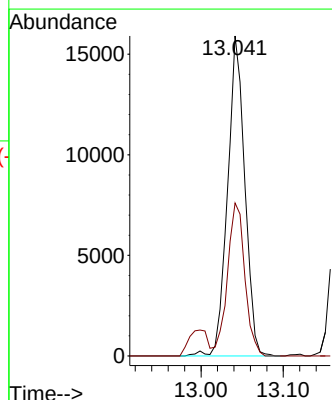
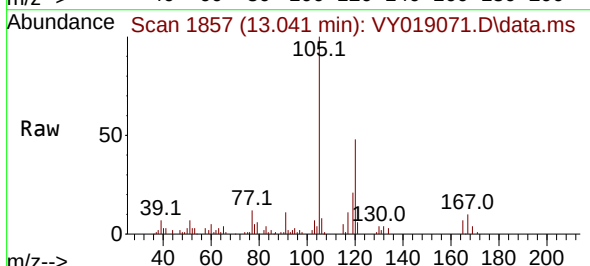
RT: 13.041 min Scan# 1857

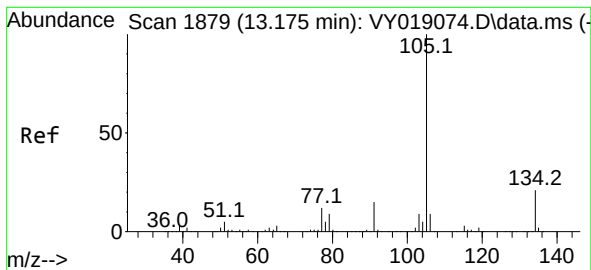
Delta R.T. -0.000 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

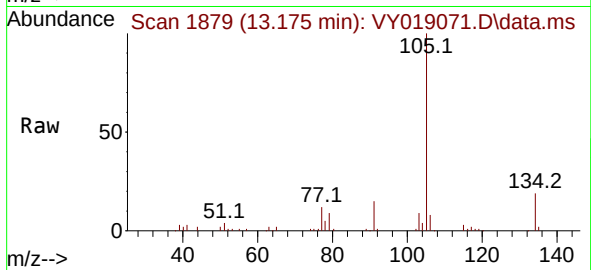
Tgt Ion:	105	Resp:	23152
Ion Ratio	Lower	Upper	
105	100		
120	48.5	23.2	69.6





#85
 sec-Butylbenzene
 Concen: 5.201 ug/l
 RT: 13.175 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY019071.D
 Acq: 15 Aug 2024 17:24

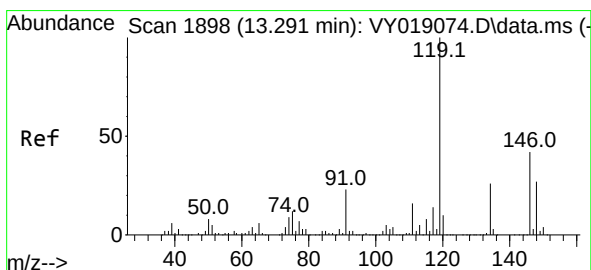
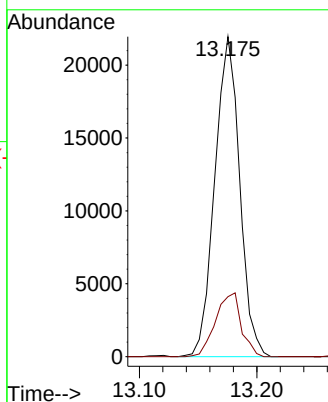
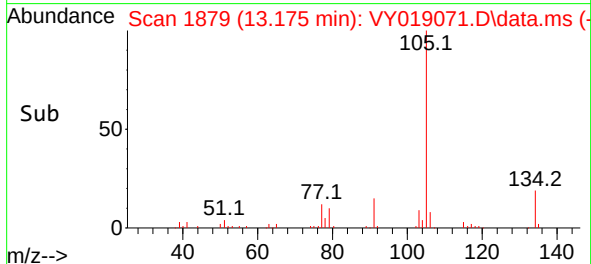
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



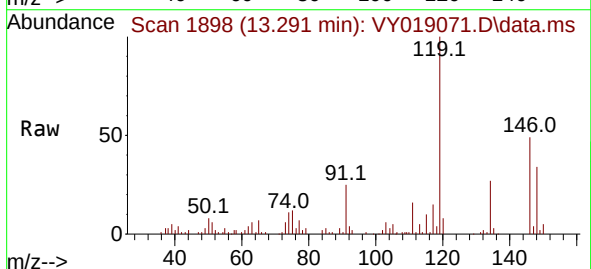
Tgt Ion:105 Resp: 32294
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1

Manual Integrations
 APPROVED

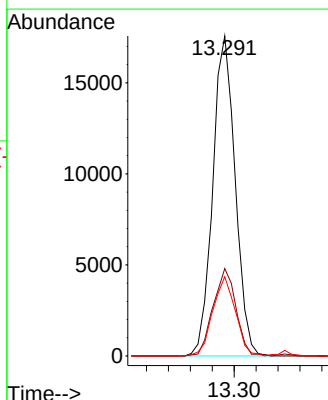
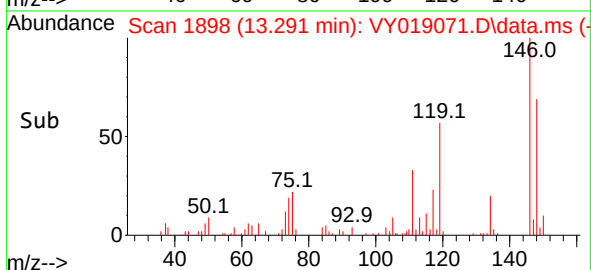
Reviewed By :Romaben Patel 08/16/2024
 Supervised By :Mahesh Dadoda 08/16/2024

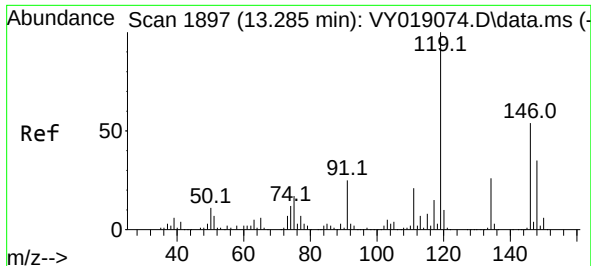


#86
 p-Isopropyltoluene
 Concen: 4.899 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY019071.D
 Acq: 15 Aug 2024 17:24



Tgt Ion:119 Resp: 24986
 Ion Ratio Lower Upper
 119 100
 134 27.7 13.1 39.3
 91 25.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 5.402 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

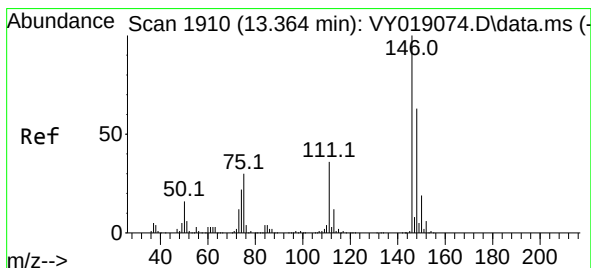
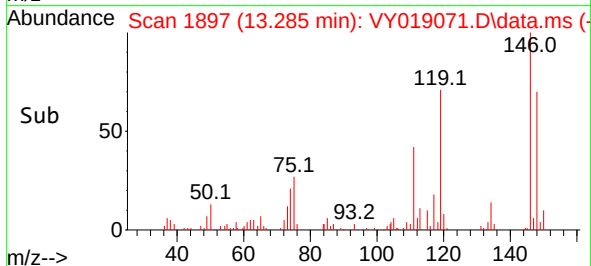
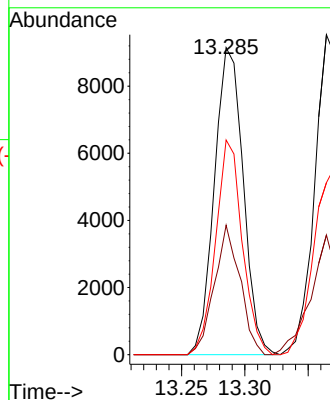
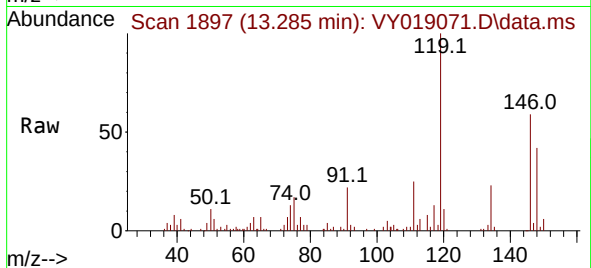
VSTDICC005

Tgt Ion:146	Resp:	14490
Ion Ratio	Lower	Upper
146	100	
111	37.7	19.0 57.0
148	64.9	31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#88

1,4-Dichlorobenzene

Concen: 5.615 ug/l

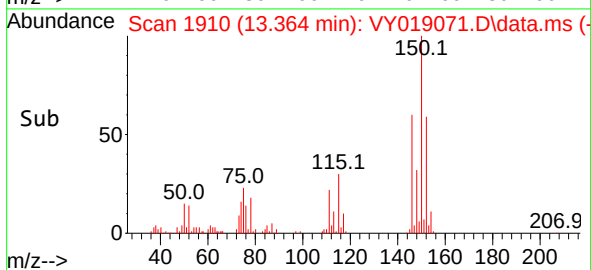
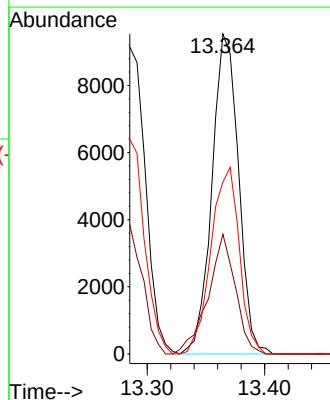
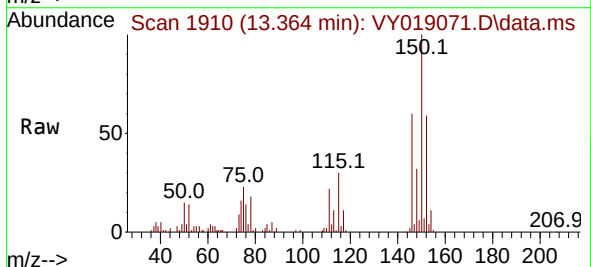
RT: 13.364 min Scan# 1910

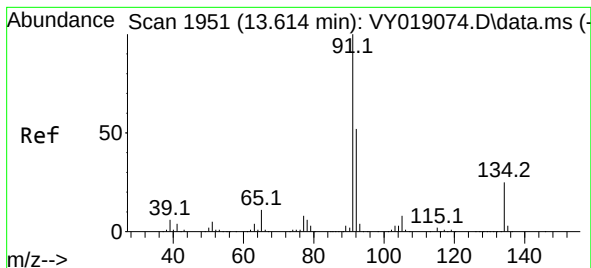
Delta R.T. -0.000 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Tgt Ion:146	Resp:	14972
Ion Ratio	Lower	Upper
146	100	
111	38.5	18.4 55.4
148	62.2	32.4 97.2





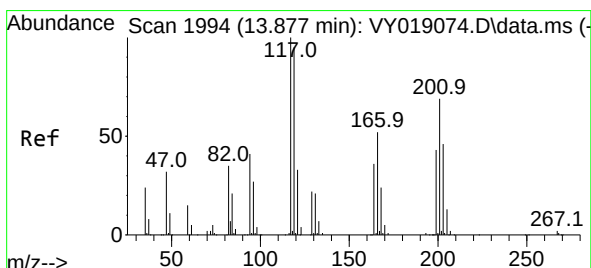
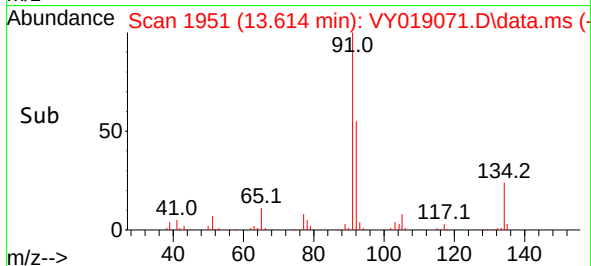
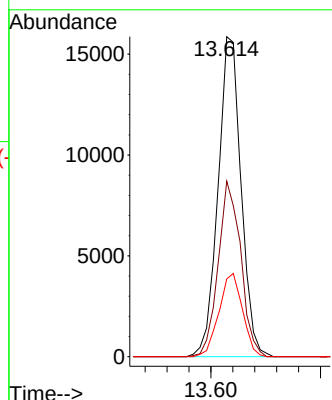
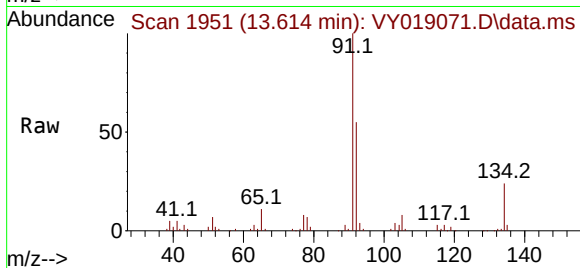
#89
n-Butylbenzene
Concen: 4.984 ug/l
RT: 13.614 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 23174
Ion Ratio Lower Upper
91 100
92 53.7 26.6 79.7
134 26.6 12.9 38.7

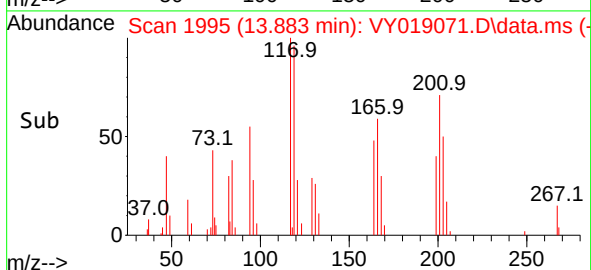
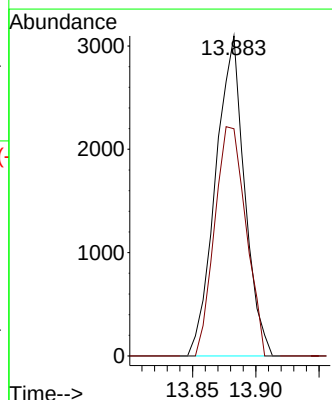
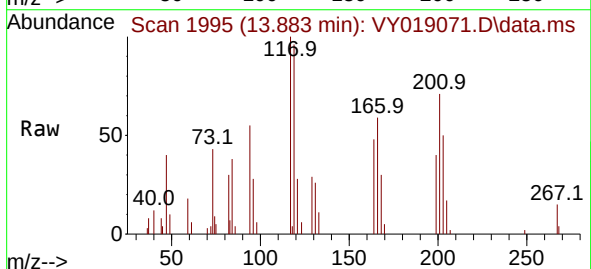
Manual Integrations
APPROVED

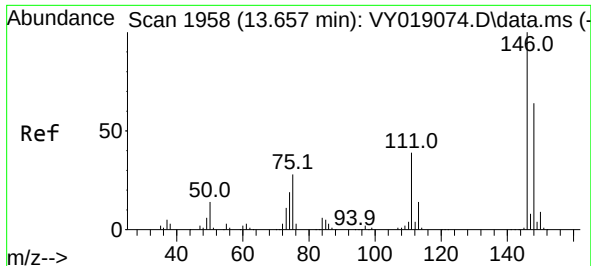
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#90
Hexachloroethane
Concen: 4.911 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

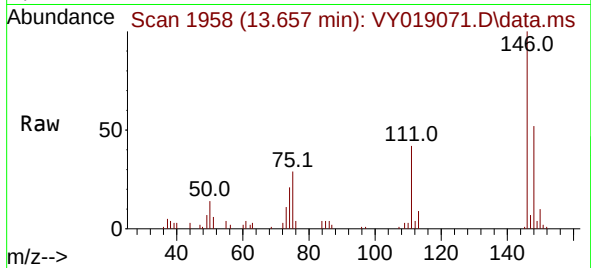
Tgt Ion:117 Resp: 4937
Ion Ratio Lower Upper
117 100
201 77.3 37.4 112.2





#91
1,2-Dichlorobenzene
Concen: 5.433 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

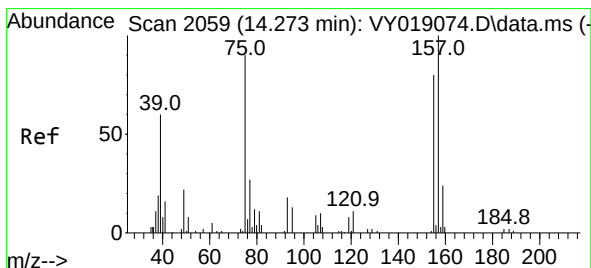
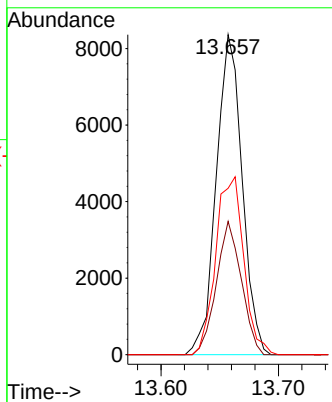
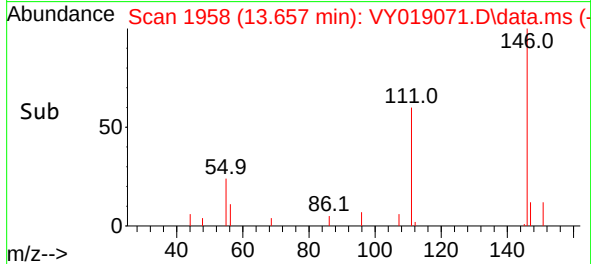
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 12818
Ion Ratio Lower Upper
146 100
111 40.1 19.9 59.7
148 60.1 31.8 95.4

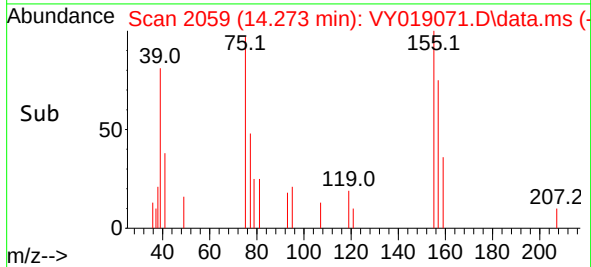
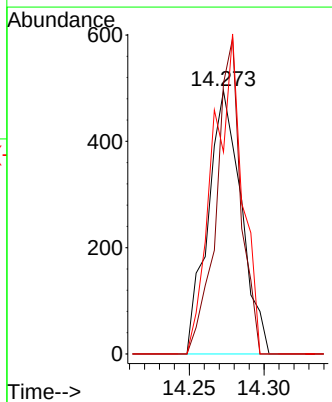
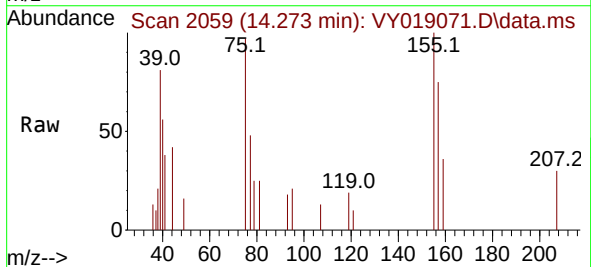
Manual Integrations
APPROVED

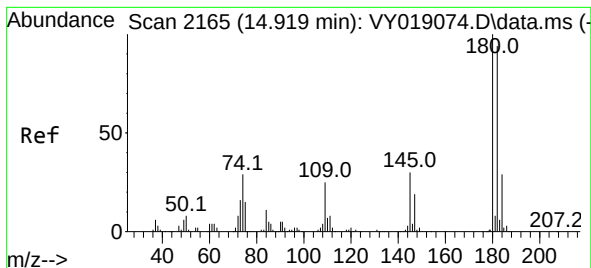
Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.171 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Tgt Ion: 75 Resp: 767
Ion Ratio Lower Upper
75 100
155 88.3 48.6 145.8
157 106.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 4.965 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Instrument :

MSVOA_Y

ClientSampleId :

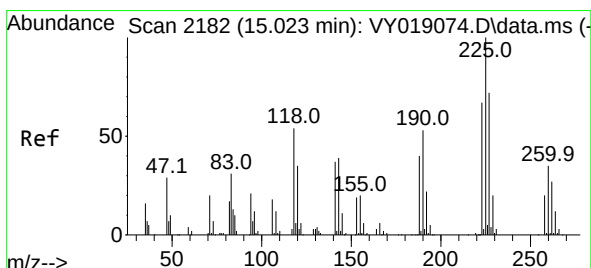
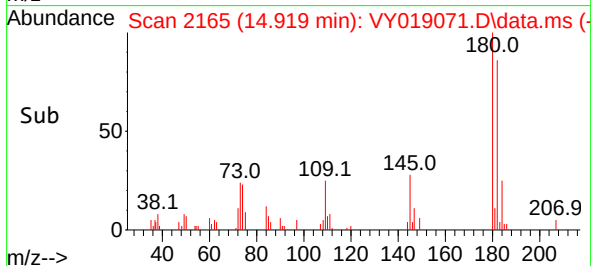
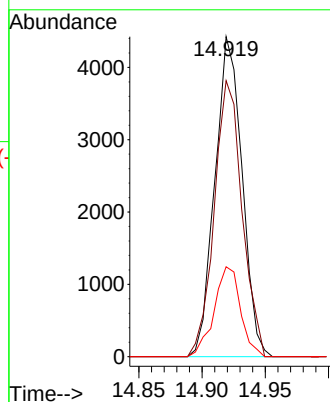
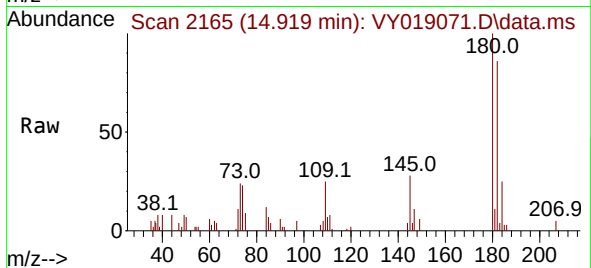
VSTDIC005

Tgt Ion:	180	Resp:	6600
Ion Ratio	Lower	Upper	
180	100		
182	88.2	47.9	143.8
145	27.3	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#94

Hexachlorobutadiene

Concen: 5.417 ug/l

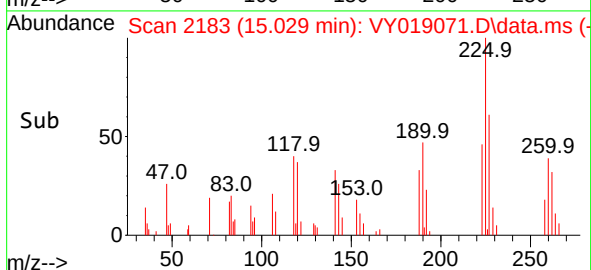
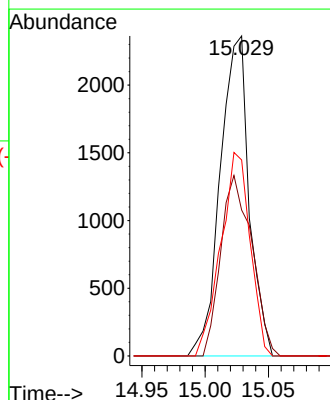
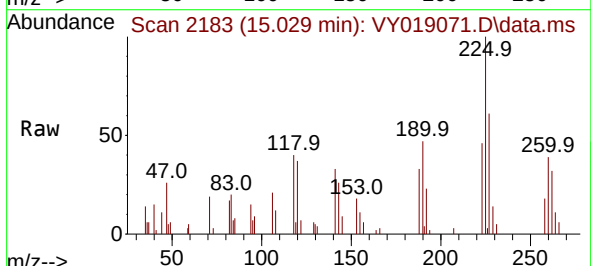
RT: 15.029 min Scan# 2183

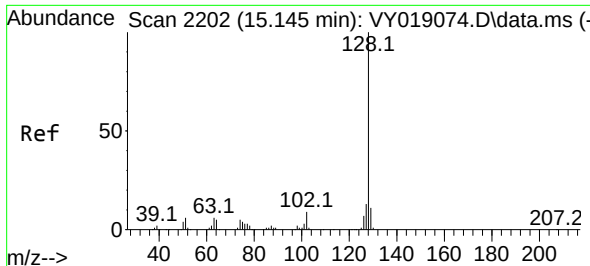
Delta R.T. 0.006 min

Lab File: VY019071.D

Acq: 15 Aug 2024 17:24

Tgt Ion:	225	Resp:	3754
Ion Ratio	Lower	Upper	
225	100		
223	60.8	30.4	91.2
227	64.5	31.9	95.9





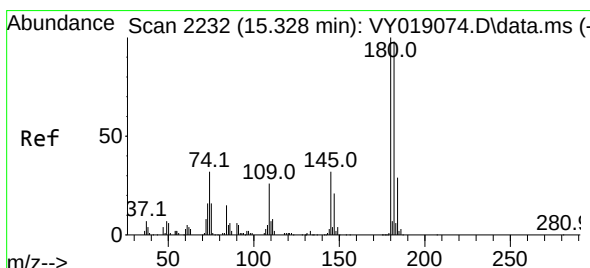
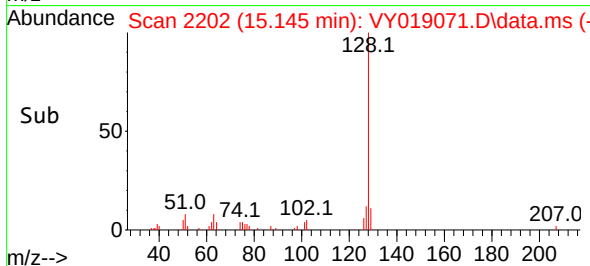
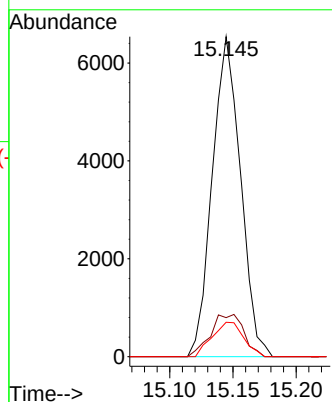
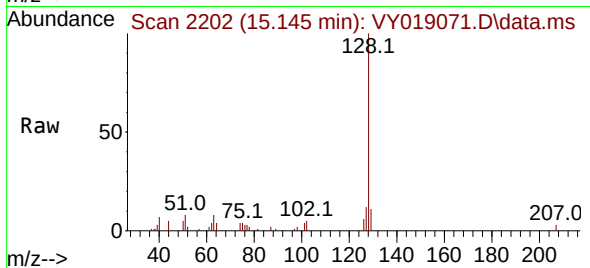
#95
Naphthalene
Concen: 4.268 ug/l
RT: 15.145 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 10134
Ion Ratio Lower Upper
128 100
127 15.6 10.6 16.0
129 12.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 08/16/2024
Supervised By :Mahesh Dadoda 08/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 4.869 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY019071.D
Acq: 15 Aug 2024 17:24

Tgt Ion:180 Resp: 5464
Ion Ratio Lower Upper
180 100
182 102.1 47.6 142.9
145 30.1 15.4 46.1

