

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012924\
 Data File : VY017126.D
 Acq On : 29 Jan 2024 10:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
 Supervised By :Semsettin Yesilyurt 01/30/2024

Quant Time: Jan 30 00:27:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	132724	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	214276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	182436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	81317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	63465	49.078	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.160%		
35) Dibromofluoromethane	7.740	113	67431	52.141	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.280%		
50) Toluene-d8	10.197	98	256075	52.425	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.840%		
62) 4-Bromofluorobenzene	12.495	95	79817	53.044	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	106.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	45499	46.982	ug/l	95
3) Chloromethane	2.125	50	80831	47.944	ug/l	99
4) Vinyl Chloride	2.266	62	98217	51.480	ug/l	99
5) Bromomethane	2.668	94	70505	49.306	ug/l	96
6) Chloroethane	2.814	64	66275	52.860	ug/l	99
7) Trichlorofluoromethane	3.144	101	108567	49.702	ug/l	98
8) Diethyl Ether	3.546	74	33142	43.339	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.924	101	68872	46.392	ug/l	99
10) Methyl Iodide	4.119	142	66901	47.436	ug/l	99
11) Tert butyl alcohol	4.979	59	19264	199.683	ug/l #	88
12) 1,1-Dichloroethene	3.893	96	63234	46.532	ug/l	97
13) Acrolein	3.747	56	28973	186.818	ug/l	98
14) Allyl chloride	4.509	41	96759	47.107	ug/l	100
15) Acrylonitrile	5.192	53	74643	224.905	ug/l	100
16) Acetone	3.967	43	76134	212.942	ug/l	98
17) Carbon Disulfide	4.223	76	180782	44.138	ug/l	99
18) Methyl Acetate	4.503	43	64188	48.386	ug/l	100
19) Methyl tert-butyl Ether	5.253	73	149410	45.055	ug/l	96
20) Methylene Chloride	4.741	84	70596	48.970	ug/l	98
21) trans-1,2-Dichloroethene	5.247	96	74033	47.099	ug/l	99
22) Diisopropyl ether	6.143	45	220148	48.556	ug/l	95
23) Vinyl Acetate	6.088	43	494110	224.664	ug/l	100
24) 1,1-Dichloroethane	6.045	63	129018	46.653	ug/l	99
25) 2-Butanone	7.009	43	99700	203.458	ug/l	99
26) 2,2-Dichloropropane	7.009	77	110723	46.877	ug/l	100
27) cis-1,2-Dichloroethene	7.015	96	82065	47.113	ug/l	99
28) Bromochloromethane	7.356	49	53887	48.945	ug/l	99
29) Tetrahydrofuran	7.368	42	60156	229.413	ug/l	99
30) Chloroform	7.533	83	132701	47.124	ug/l	100
31) Cyclohexane	7.807	56	115126	50.194	ug/l	99
32) 1,1,1-Trichloroethane	7.728	97	113996	47.210	ug/l	99
36) 1,1-Dichloropropene	7.941	75	104040	48.895	ug/l	99
37) Ethyl Acetate	7.100	43	41689	45.565	ug/l	99
38) Carbon Tetrachloride	7.923	117	102266	49.044	ug/l	97
39) Methylcyclohexane	9.203	83	126588	49.463	ug/l	99
40) Benzene	8.179	78	301338	48.765	ug/l	99

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Quant Title : SW846 8260

QLast Update : Thu Jan 25 04:44:10 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	25489m	52.090	ug/l	
42) 1,2-Dichloroethane	8.258	62	75736	47.274	ug/l	99
43) Isopropyl Acetate	8.289	43	78583	46.008	ug/l	100
44) Trichloroethene	8.960	130	78360	49.441	ug/l	97
45) 1,2-Dichloropropane	9.234	63	75557	49.816	ug/l	98
46) Dibromomethane	9.325	93	37673	46.770	ug/l	99
47) Bromodichloromethane	9.514	83	99902	48.751	ug/l	97
48) Methyl methacrylate	9.307	41	44807	47.247	ug/l	97
49) 1,4-Dioxane	9.319	88	8228	1038.608	ug/l	99
51) 4-Methyl-2-Pentanone	10.087	43	214056	235.593	ug/l	99
52) Toluene	10.258	92	187385	50.100	ug/l	100
53) t-1,3-Dichloropropene	10.484	75	91686	48.977	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	112500	48.862	ug/l	99
55) 1,1,2-Trichloroethane	10.660	97	53079	47.148	ug/l	99
56) Ethyl methacrylate	10.526	69	47014	47.755	ug/l	97
57) 1,3-Dichloropropane	10.807	76	91119	47.873	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	192562	281.781	ug/l	100
59) 2-Hexanone	10.849	43	152236	219.624	ug/l	99
60) Dibromochloromethane	11.002	129	62936	48.118	ug/l	99
61) 1,2-Dibromoethane	11.105	107	48567	47.489	ug/l	98
64) Tetrachloroethene	10.740	164	61991	48.750	ug/l	97
65) Chlorobenzene	11.532	112	191271	49.475	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	70559	49.966	ug/l	99
67) Ethyl Benzene	11.605	91	359279	51.120	ug/l	98
68) m/p-Xylenes	11.715	106	267842	101.432	ug/l	100
69) o-Xylene	12.044	106	123548	51.508	ug/l	99
70) Styrene	12.057	104	181129	52.016	ug/l	99
71) Bromoform	12.221	173	34638	48.917	ug/l #	99
73) Isopropylbenzene	12.343	105	339010	50.713	ug/l	99
74) N-amyl acetate	12.160	43	63298	46.976	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	59195	46.438	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	43935m	44.513	ug/l	
77) Bromobenzene	12.624	156	71530	49.451	ug/l	97
78) n-propylbenzene	12.684	91	414838	51.594	ug/l	100
79) 2-Chlorotoluene	12.770	91	221091	50.109	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	270989	51.220	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	17258	45.266	ug/l	97
82) 4-Chlorotoluene	12.867	91	226479	49.527	ug/l	98
83) tert-Butylbenzene	13.087	119	232394	50.782	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	266451	50.672	ug/l	98
85) sec-Butylbenzene	13.270	105	353193	52.123	ug/l	99
86) p-Isopropyltoluene	13.386	119	295992	52.440	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	139795	48.951	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	136395	48.542	ug/l	99
89) n-Butylbenzene	13.709	91	284463	52.249	ug/l	99
90) Hexachloroethane	13.977	117	59164	50.290	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	119052	48.815	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	7187	44.145	ug/l	97
93) 1,2,4-Trichlorobenzene	15.026	180	60587	47.539	ug/l	98
94) Hexachlorobutadiene	15.129	225	37081	48.344	ug/l	98
95) Naphthalene	15.251	128	102097	45.357	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	48685	45.916	ug/l	97

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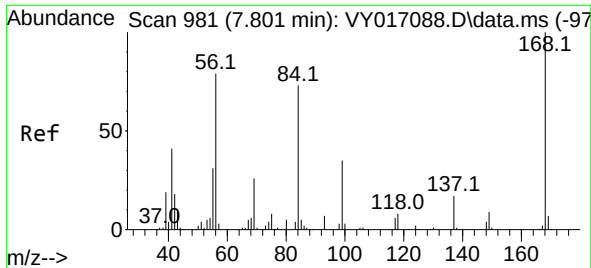
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024

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Quant Title : SW846 8260
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Response via : Initial Calibration

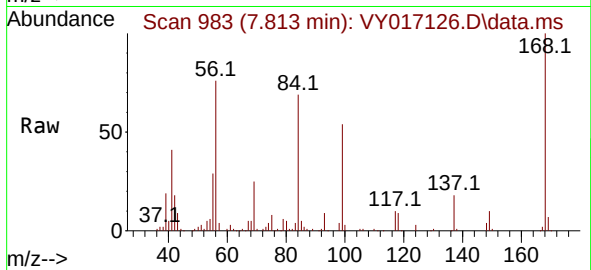
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017126.D
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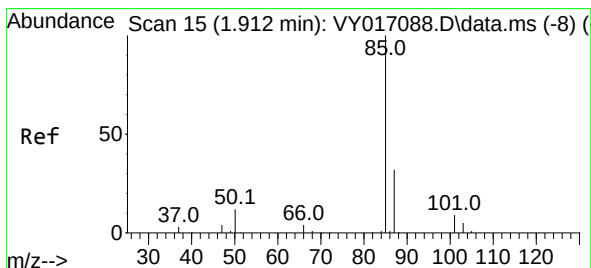
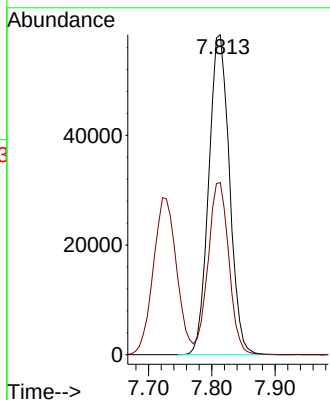
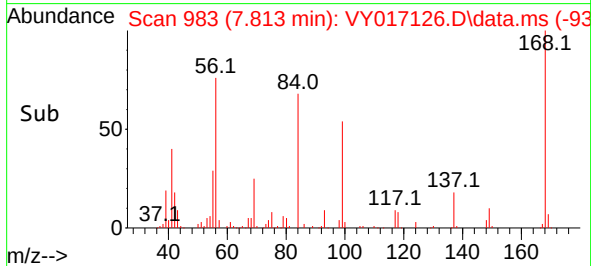
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 132724
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4

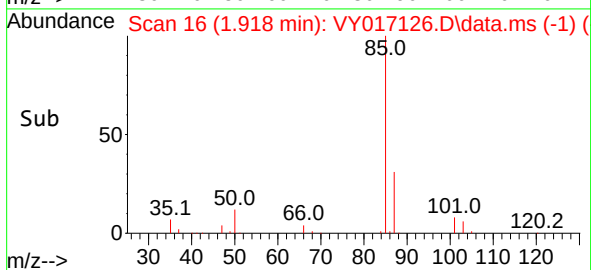
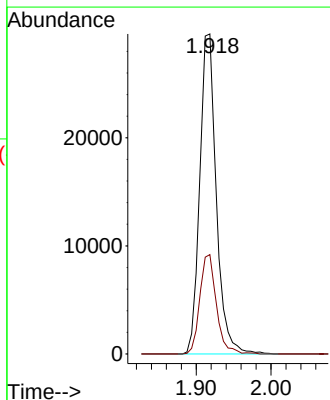
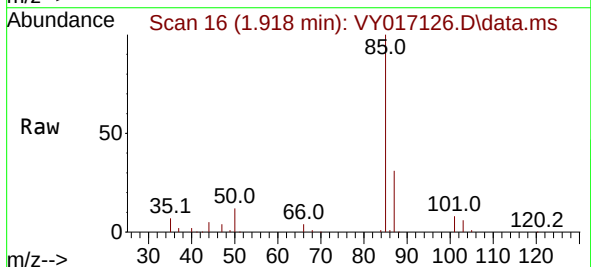
Manual Integrations
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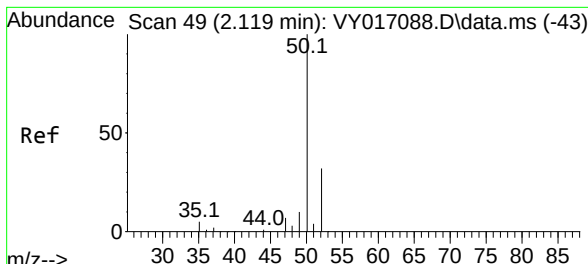
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#2
Dichlorodifluoromethane
Concen: 46.982 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Tgt Ion: 85 Resp: 45499
Ion Ratio Lower Upper
85 100
87 31.1 17.1 51.3





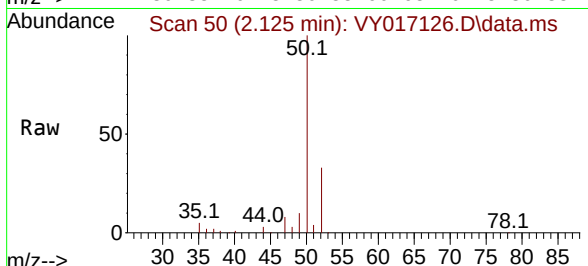
#3
Chloromethane
Concen: 47.944 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

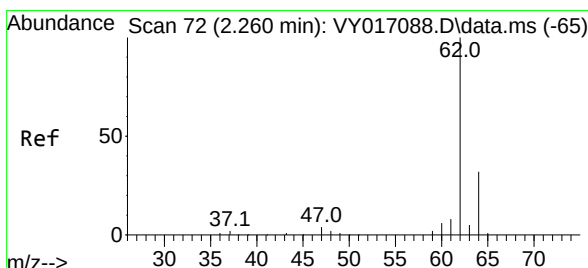
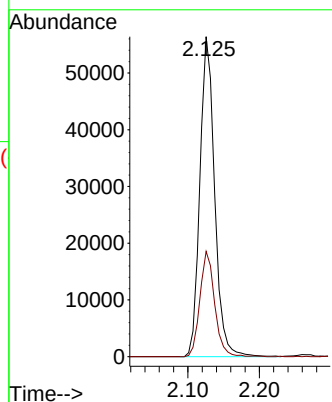
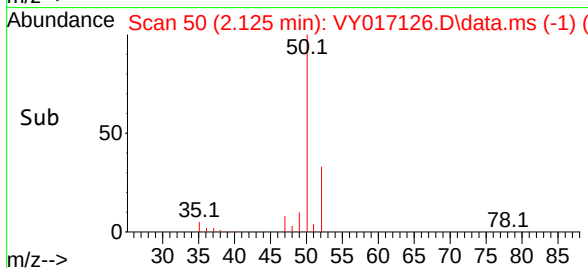


Tgt Ion: 50 Resp: 8083
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1

Manual Integrations

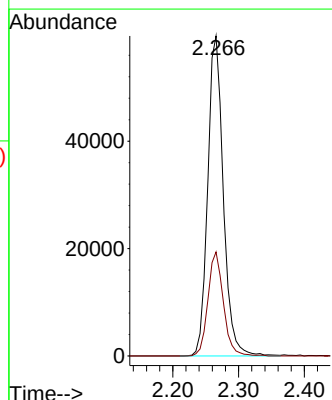
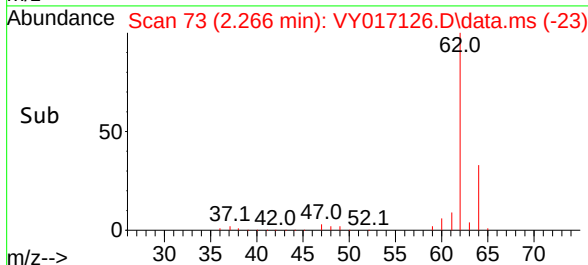
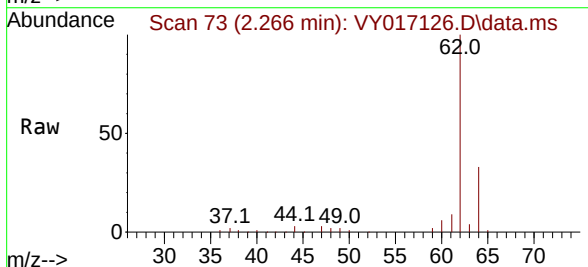
APPROVED

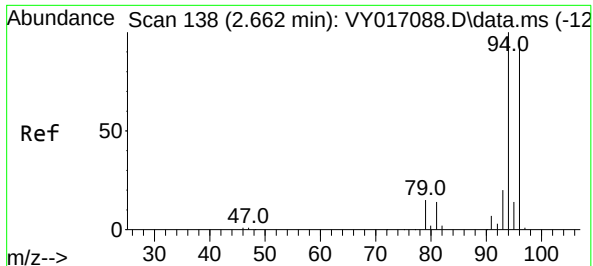
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#4
Vinyl Chloride
Concen: 51.480 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.007 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Tgt Ion: 62 Resp: 98217
Ion Ratio Lower Upper
62 100
64 32.5 25.7 38.5





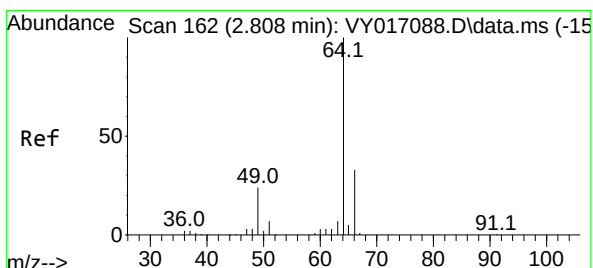
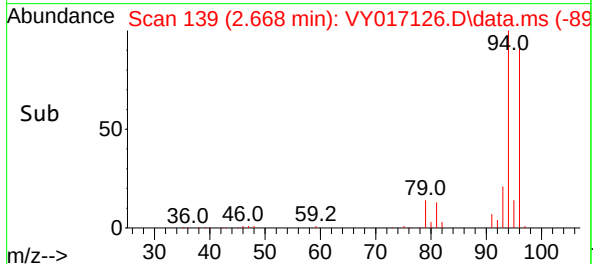
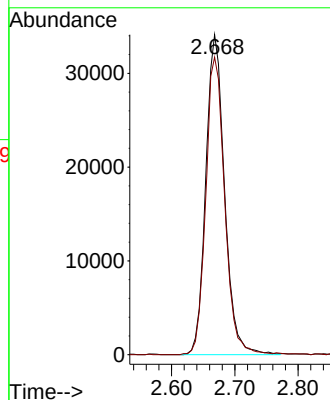
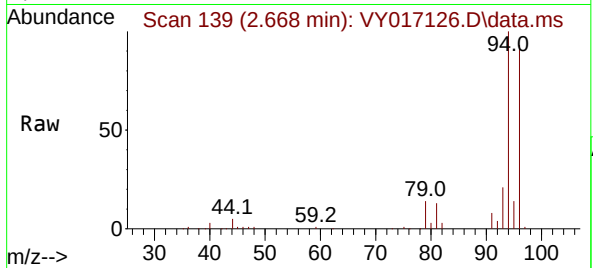
#5
Bromomethane
Concen: 49.306 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 94 Resp: 7050
Ion Ratio Lower Upper
94 100
96 92.9 77.3 115.9

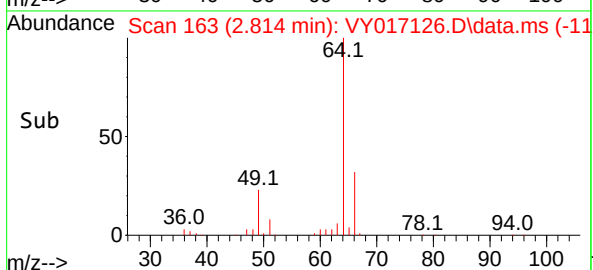
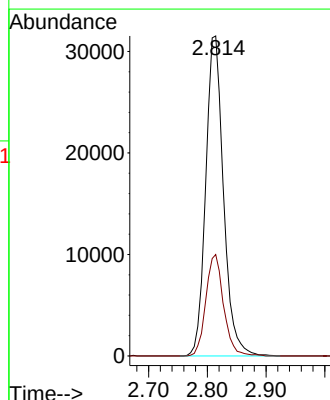
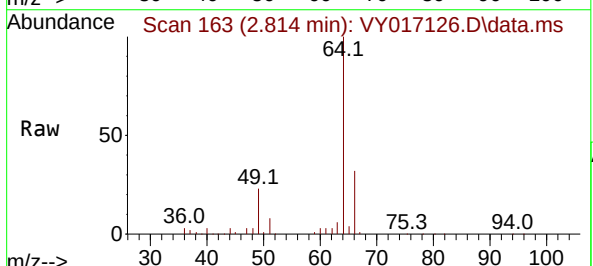
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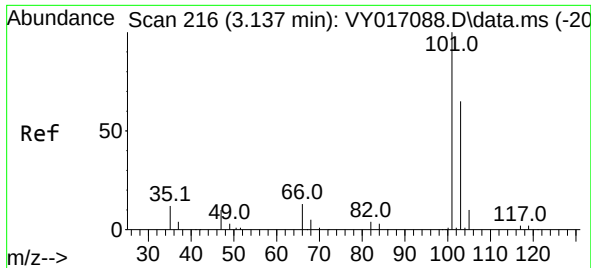
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#6
Chloroethane
Concen: 52.860 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

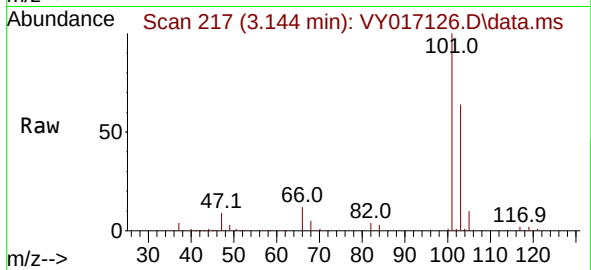
Tgt Ion: 64 Resp: 66275
Ion Ratio Lower Upper
64 100
66 31.7 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 49.702 ug/l
 RT: 3.144 min Scan# 216
 Delta R.T. 0.007 min
 Lab File: VY017126.D
 Acq: 29 Jan 2024 10:27

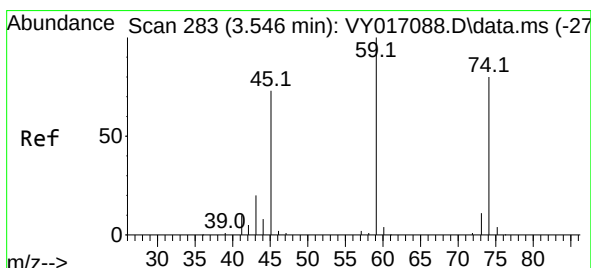
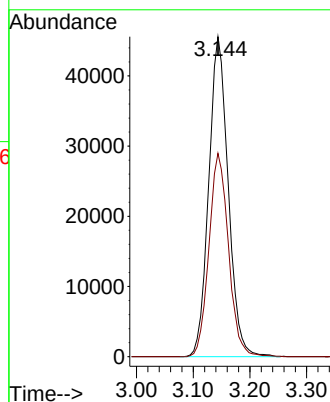
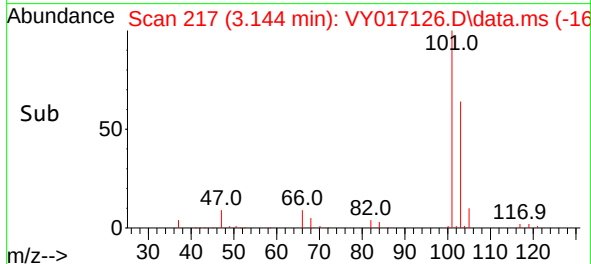
Instrument :
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Tgt Ion:101 Resp: 10856
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.9 77.9

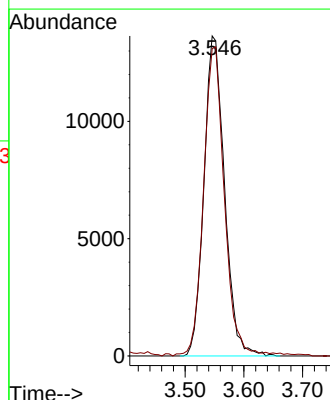
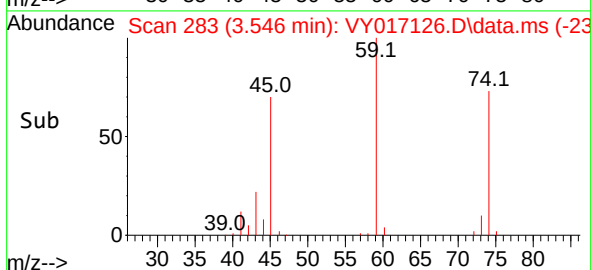
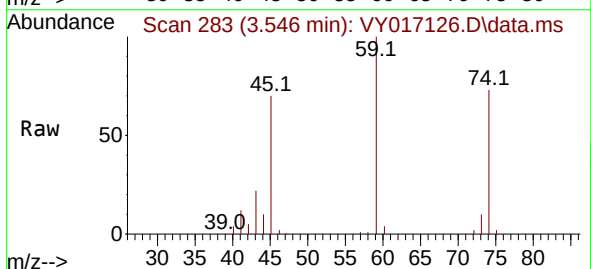
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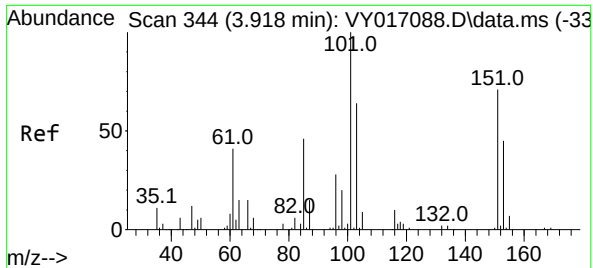
Reviewed By :Mahesh Dadoda 01/30/2024
 Supervised By :Semsettin Yesilyurt 01/30/2024



#8
 Diethyl Ether
 Concen: 43.339 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY017126.D
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Tgt Ion: 74 Resp: 33142
 Ion Ratio Lower Upper
 74 100
 45 97.4 47.9 143.7





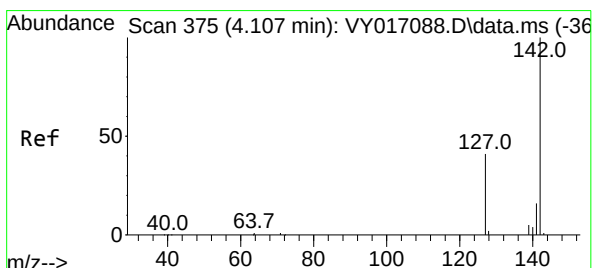
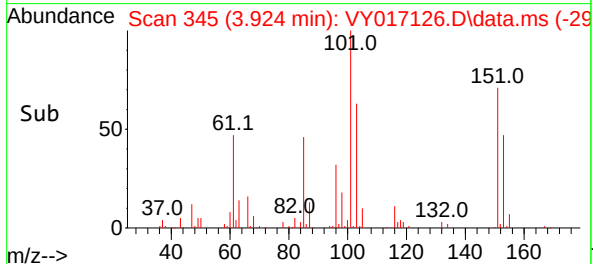
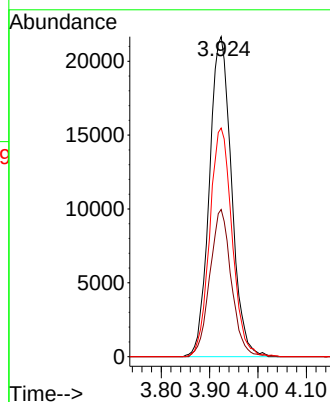
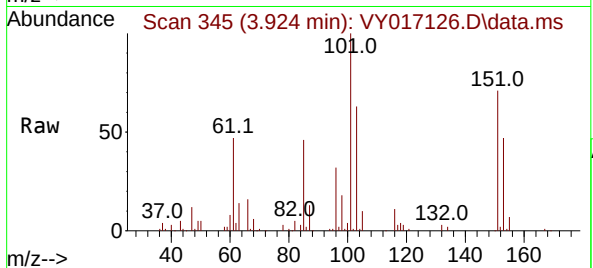
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.392 ug/l
RT: 3.924 min Scan# 344
Delta R.T. 0.013 min
Lab File: VY017126.D
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Tgt Ion:101 Resp: 68872
Ion Ratio Lower Upper
101 100
85 44.6 35.8 53.6
151 72.3 58.6 88.0

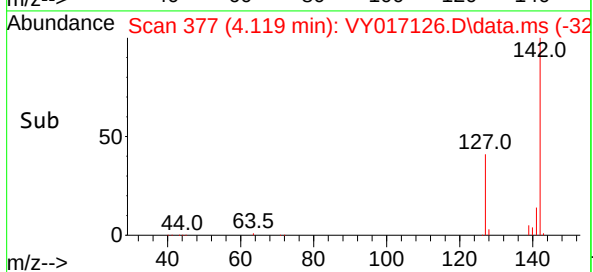
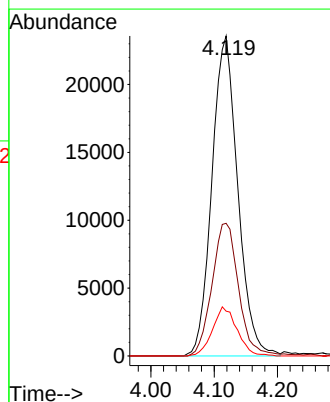
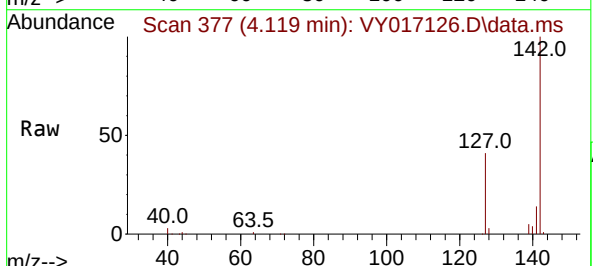
Manual Integrations
APPROVED

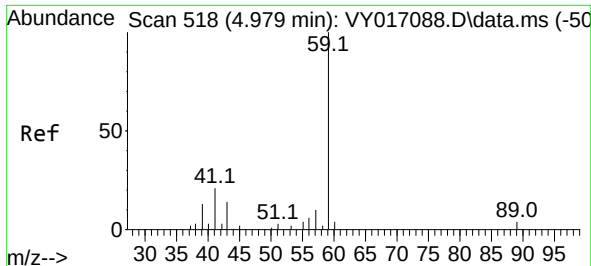
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#10
Methyl Iodide
Concen: 47.436 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.013 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

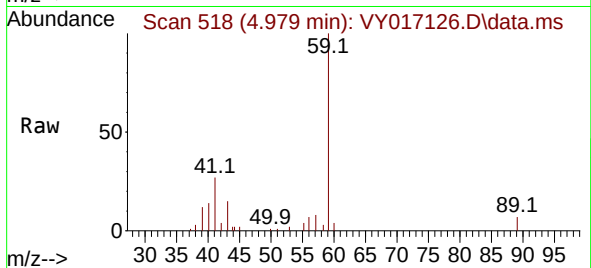
Tgt Ion:142 Resp: 66901
Ion Ratio Lower Upper
142 100
127 42.8 35.1 52.7
141 14.6 11.8 17.6





#11
Tert butyl alcohol
Concen: 199.683 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.013 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

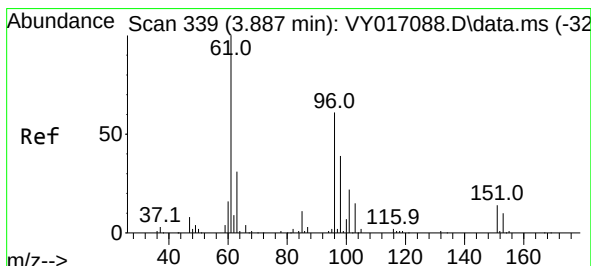
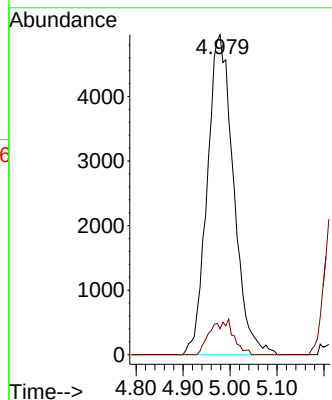
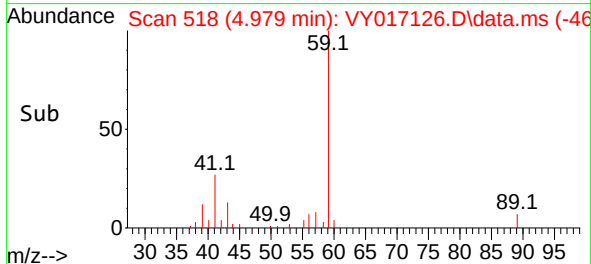
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



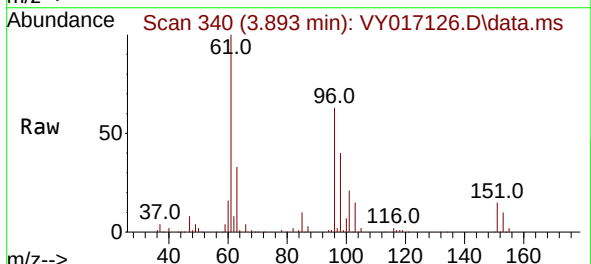
Tgt Ion: 59 Resp: 19264
Ion Ratio Lower Upper
59 100
57 4.8 7.4 11.0

Manual Integrations
APPROVED

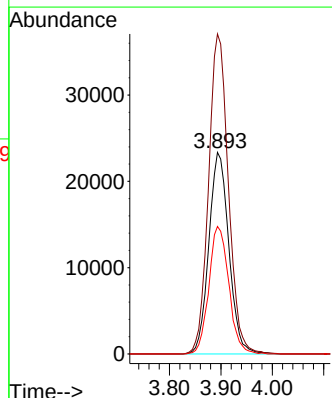
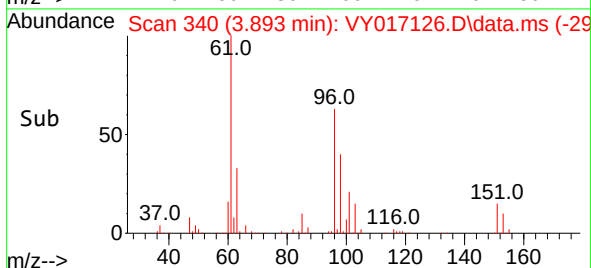
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024

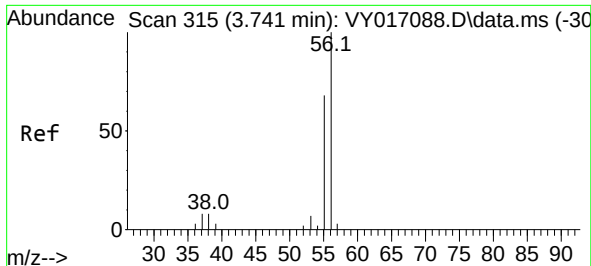


#12
1,1-Dichloroethene
Concen: 46.532 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27



Tgt Ion: 96 Resp: 63234
Ion Ratio Lower Upper
96 100
61 158.8 124.2 186.2
98 63.3 52.6 79.0





#13

Acrolein

Concen: 186.818 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 2897

Ion Ratio Lower Upper

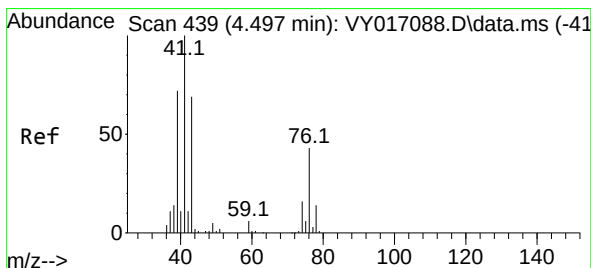
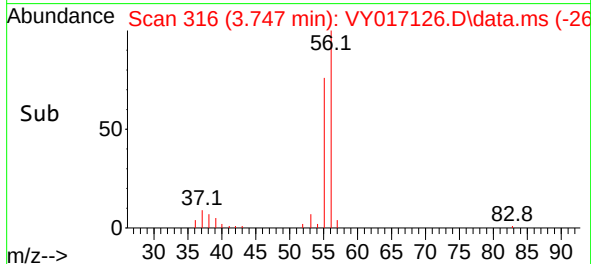
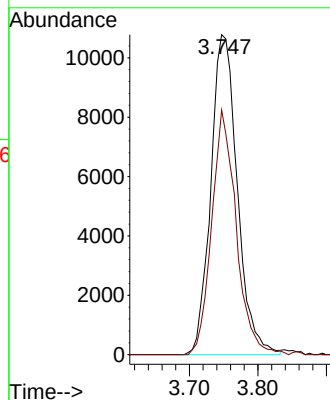
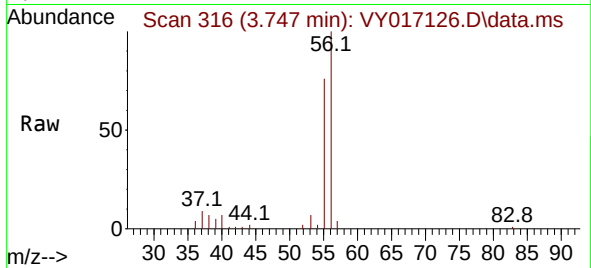
56 100

55 70.6 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#14

Allyl chloride

Concen: 47.107 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

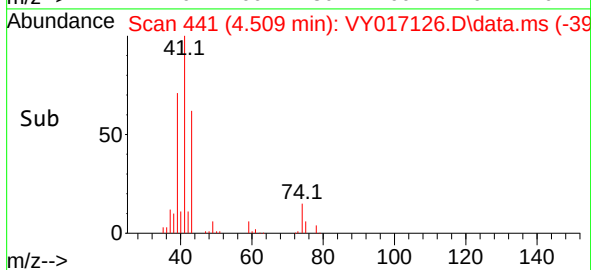
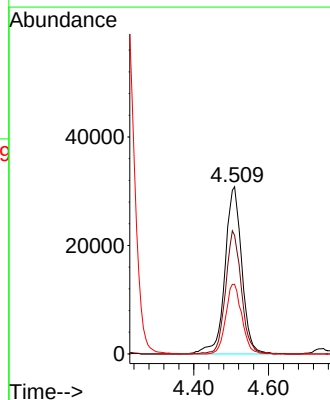
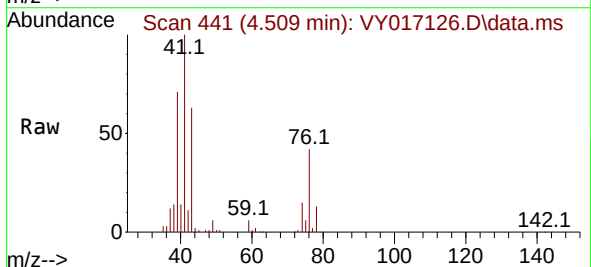
Tgt Ion: 41 Resp: 96759

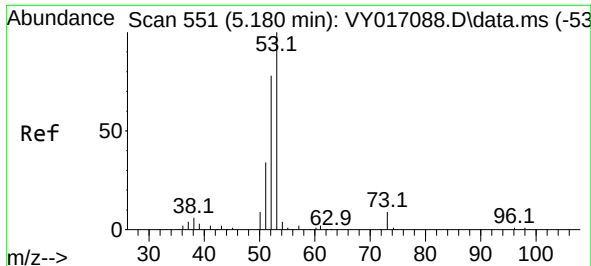
Ion Ratio Lower Upper

41 100

39 68.9 54.7 82.1

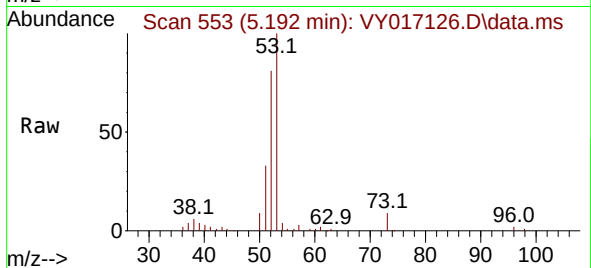
76 39.6 31.8 47.6





#15
Acrylonitrile
Concen: 224.905 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

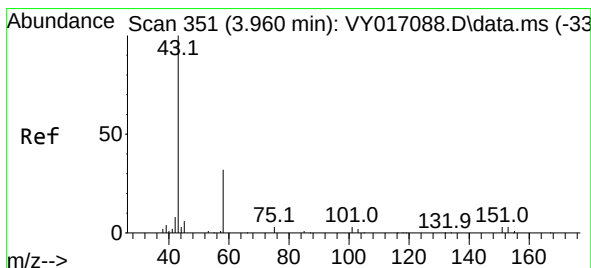
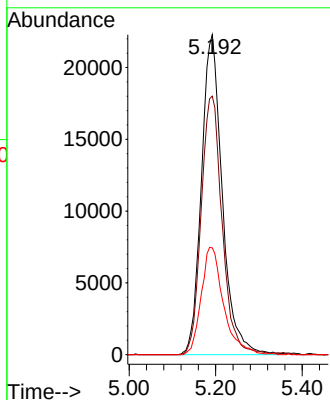
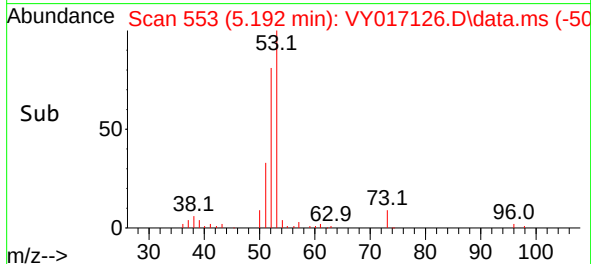
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



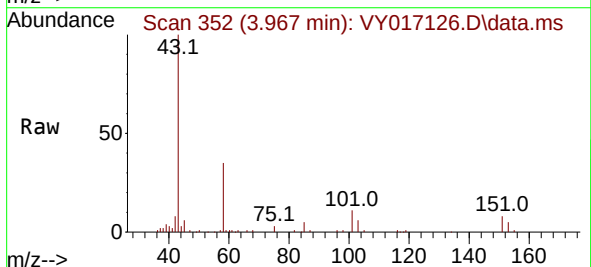
Tgt Ion: 53 Resp: 7464
Ion Ratio Lower Upper
53 100
52 81.0 65.1 97.7
51 35.9 29.0 43.4

Manual Integrations
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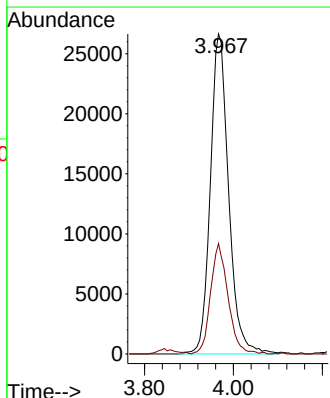
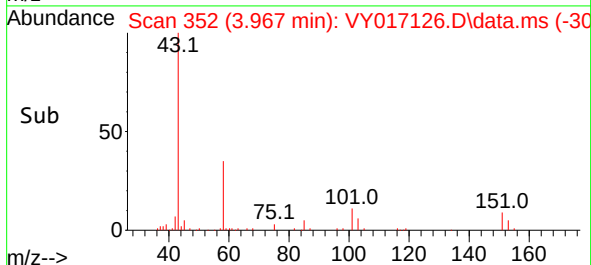
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024

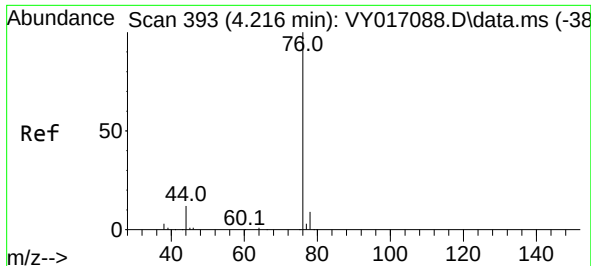


#16
Acetone
Concen: 212.942 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27



Tgt Ion: 43 Resp: 76134
Ion Ratio Lower Upper
43 100
58 34.5 26.6 39.8





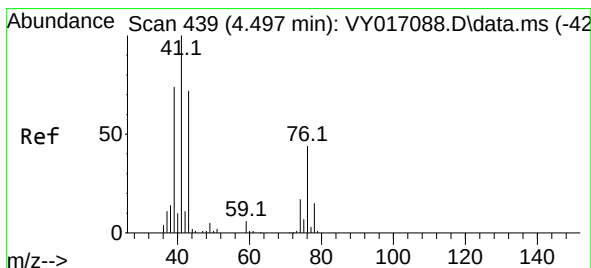
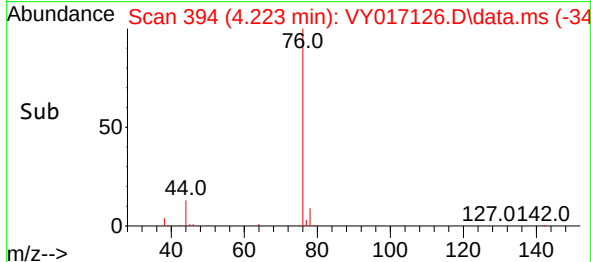
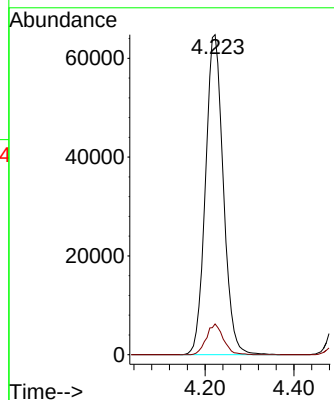
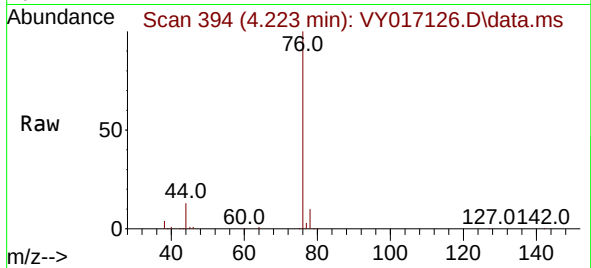
#17
Carbon Disulfide
Concen: 44.138 ug/l
RT: 4.223 min Scan# 393
Delta R.T. 0.013 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 18078
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

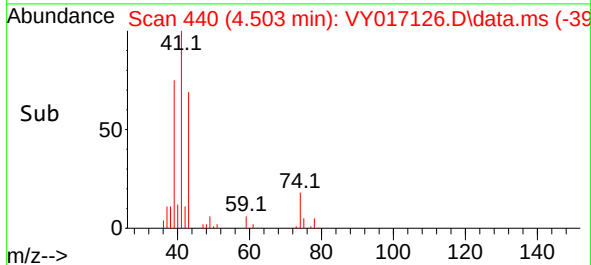
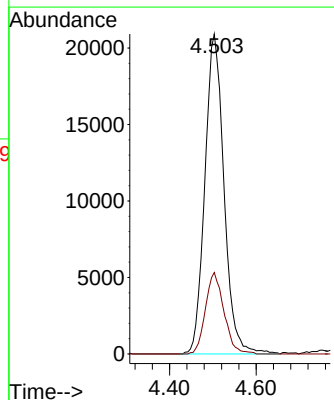
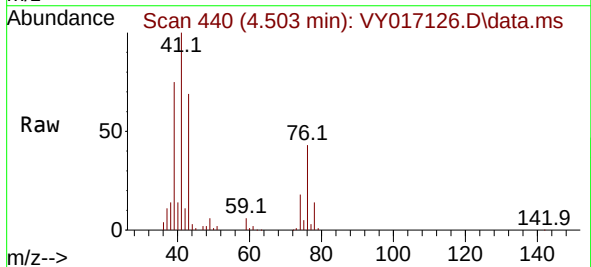
Manual Integrations
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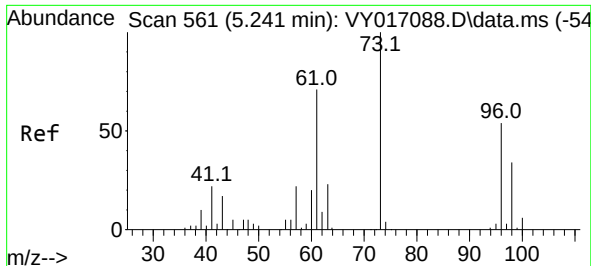
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#18
Methyl Acetate
Concen: 48.386 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

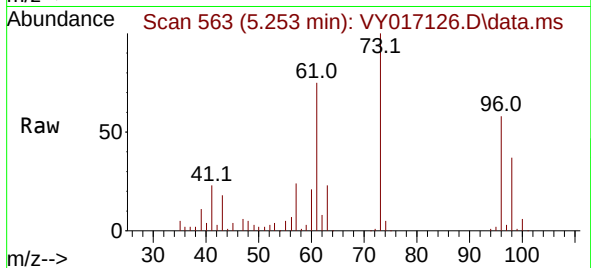
Tgt Ion: 43 Resp: 64188
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 45.055 ug/l
RT: 5.253 min Scan# 50
Delta R.T. 0.019 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

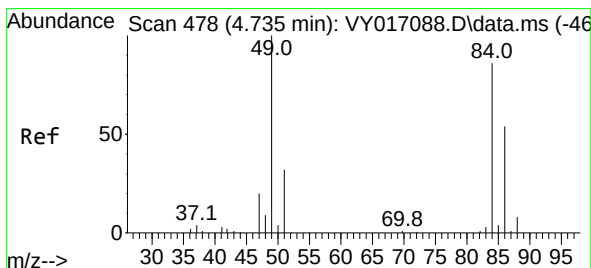
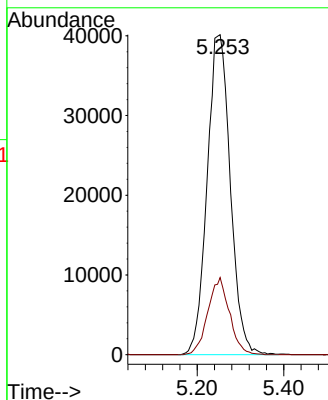
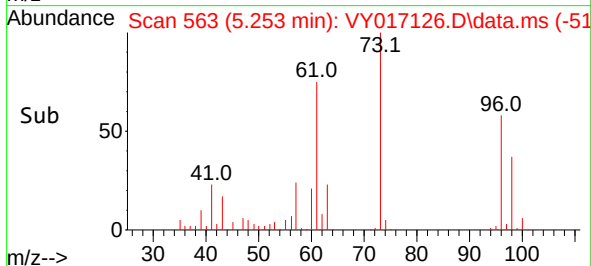
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 149410
Ion Ratio Lower Upper
73 100
57 24.1 17.7 26.5

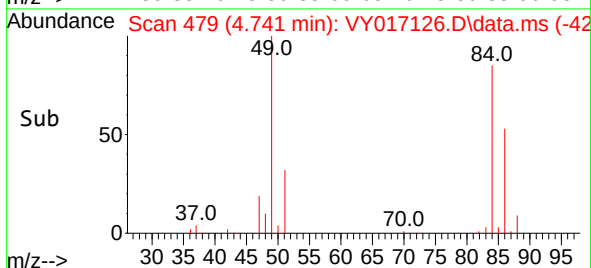
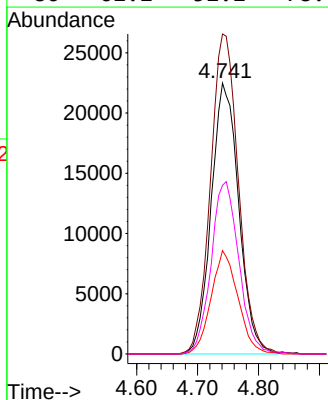
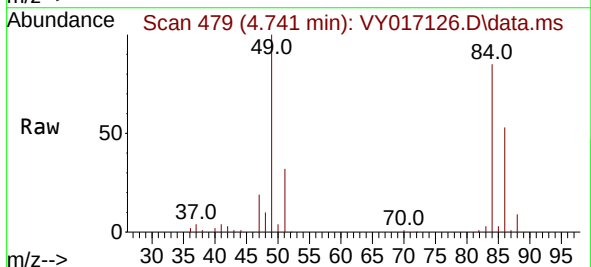
Manual Integrations
APPROVED

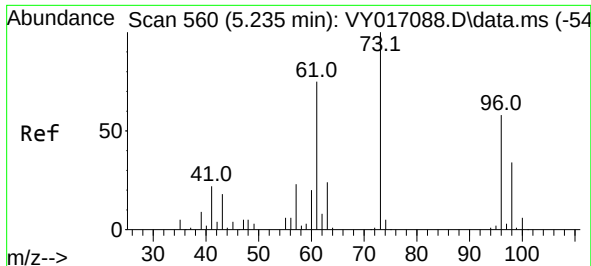
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#20
Methylene Chloride
Concen: 48.970 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.007 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Tgt Ion: 84 Resp: 70596
Ion Ratio Lower Upper
84 100
49 118.1 95.2 142.8
51 38.2 29.9 44.9
86 62.2 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 47.099 ug/l

RT: 5.247 min Scan# 50

Delta R.T. 0.007 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 7403

Ion Ratio Lower Upper

96 100

61 128.5 104.6 156.8

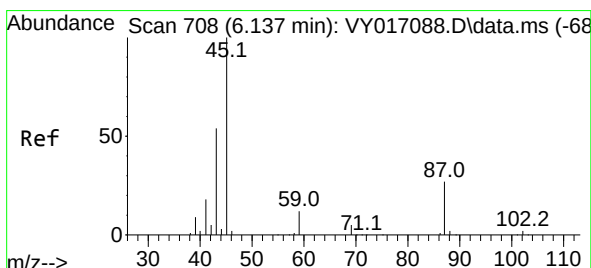
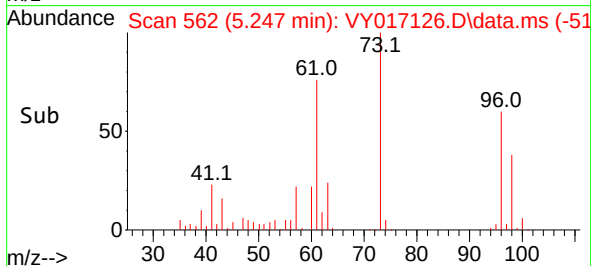
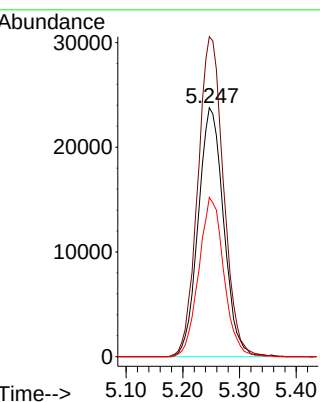
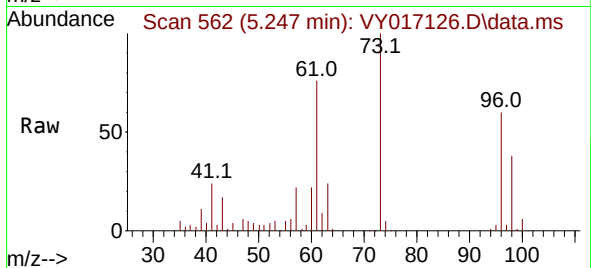
98 64.0 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024

Supervised By :Semsettin Yesilyurt 01/30/2024



#22

Diisopropyl ether

Concen: 48.556 ug/l

RT: 6.143 min Scan# 709

Delta R.T. 0.012 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Tgt Ion: 45 Resp: 220148

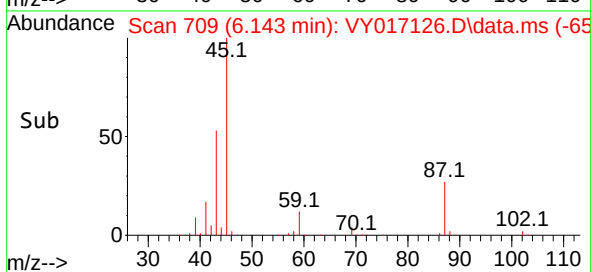
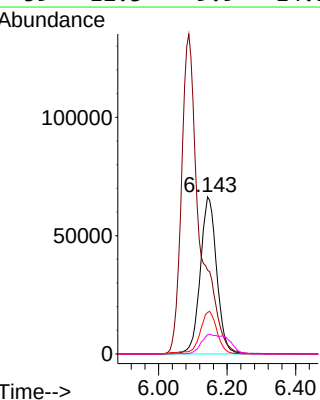
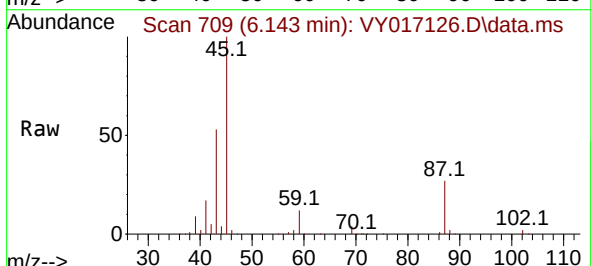
Ion Ratio Lower Upper

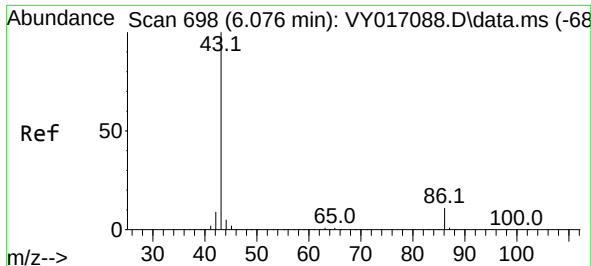
45 100

43 53.1 46.8 70.2

87 26.5 22.2 33.2

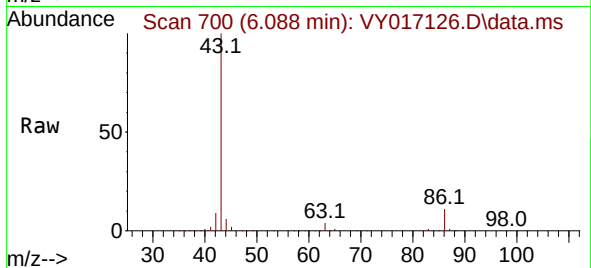
59 12.3 9.9 14.9





#23
 Vinyl Acetate
 Concen: 224.664 ug/l
 RT: 6.088 min Scan# 700
 Delta R.T. 0.012 min
 Lab File: VY017126.D
 Acq: 29 Jan 2024 10:27

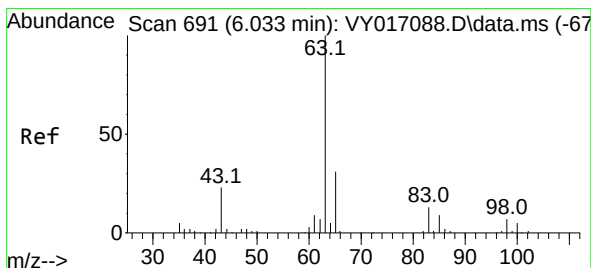
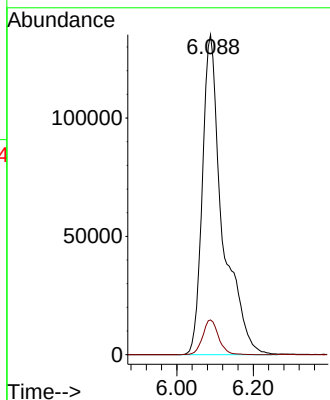
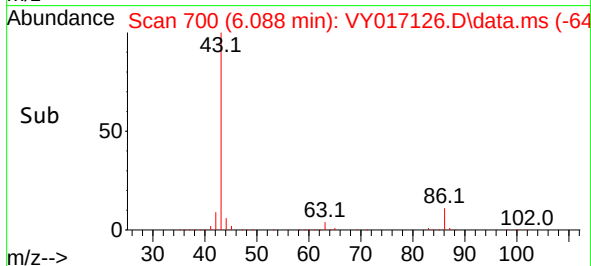
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



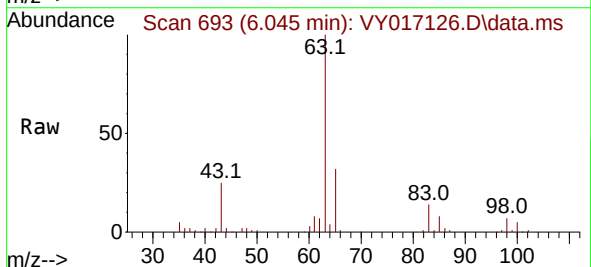
Tgt Ion: 43 Resp: 494110
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0

Manual Integrations
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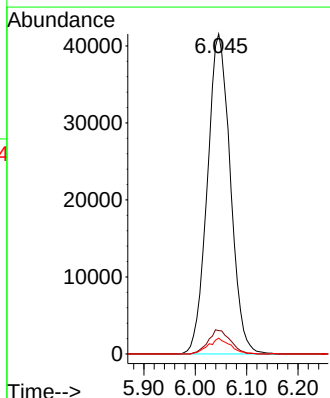
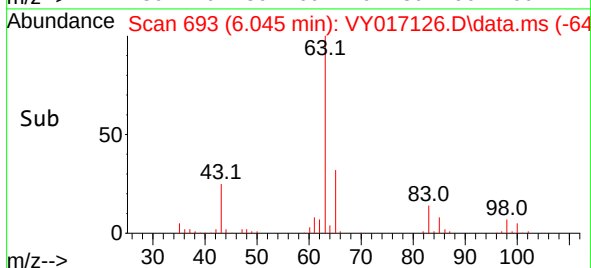
Reviewed By :Mahesh Dadoda 01/30/2024
 Supervised By :Semsettin Yesilyurt 01/30/2024

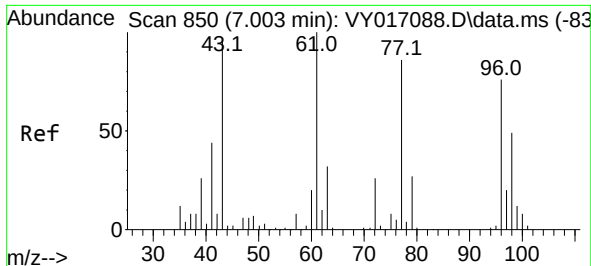


#24
 1,1-Dichloroethane
 Concen: 46.653 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY017126.D
 Acq: 29 Jan 2024 10:27



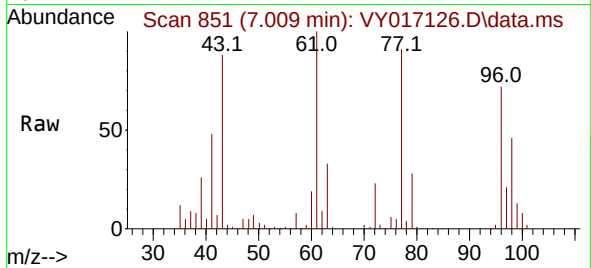
Tgt Ion: 63 Resp: 129018
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.9 2.1 6.2





#25
2-Butanone
Concen: 203.458 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.013 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

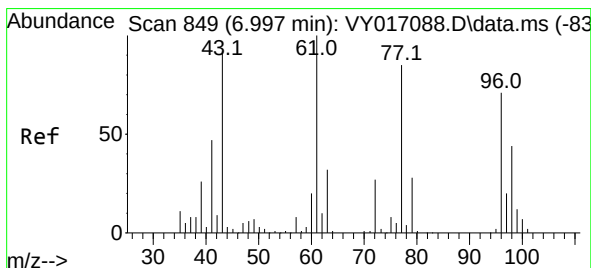
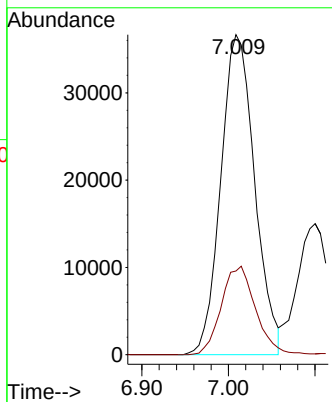
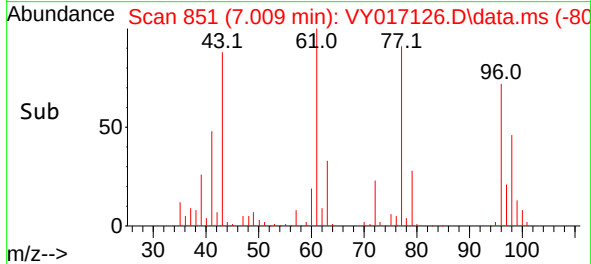
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 99700
Ion Ratio Lower Upper
43 100
72 26.1 21.4 32.2

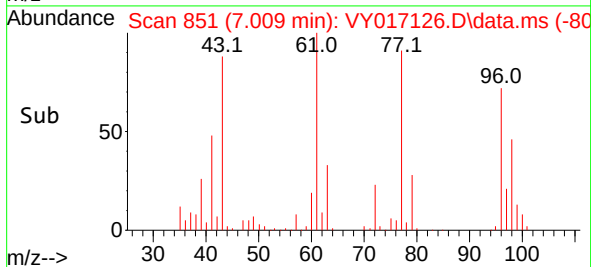
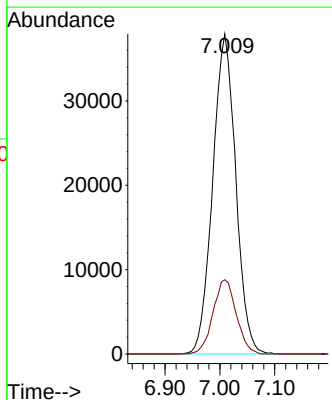
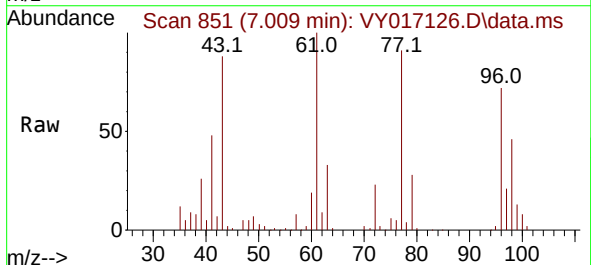
Manual Integrations
APPROVED

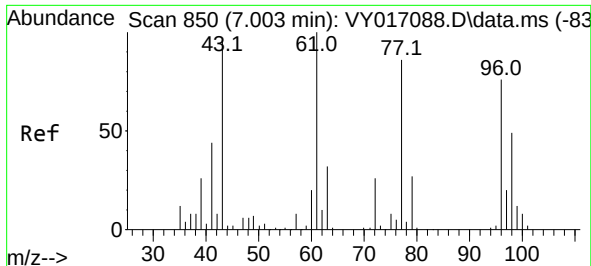
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#26
2,2-Dichloropropane
Concen: 46.877 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.013 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Tgt Ion: 77 Resp: 110723
Ion Ratio Lower Upper
77 100
97 23.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 47.113 ug/l

RT: 7.015 min Scan# 850

Delta R.T. 0.013 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 8206

Ion Ratio Lower Upper

96 100

61 140.3 0.0 278.8

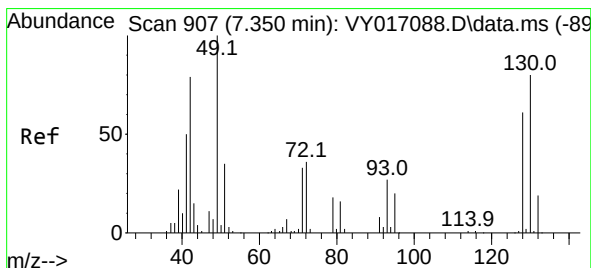
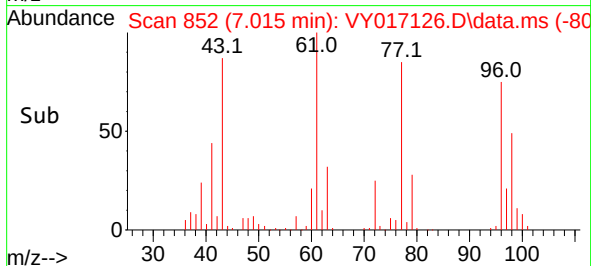
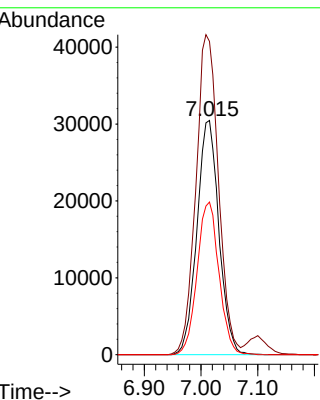
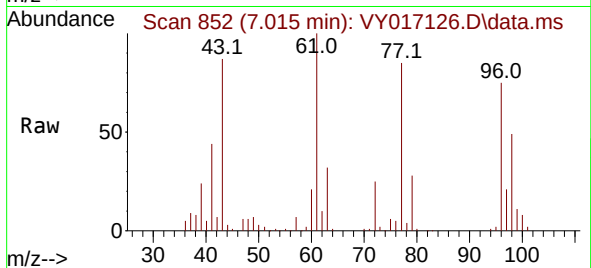
98 64.8 0.0 127.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024

Supervised By :Semsettin Yesilyurt 01/30/2024



#28

Bromochloromethane

Concen: 48.945 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

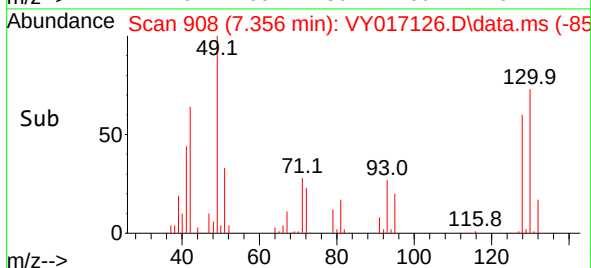
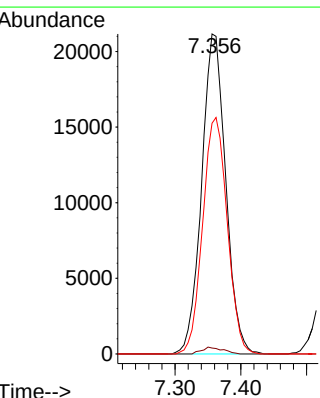
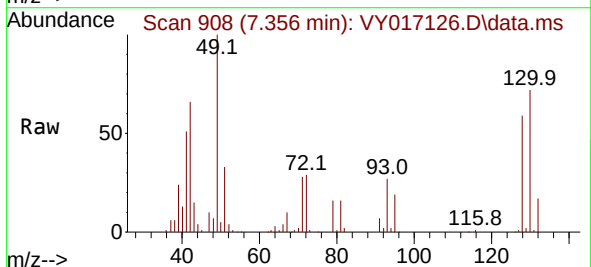
Tgt Ion: 49 Resp: 53887

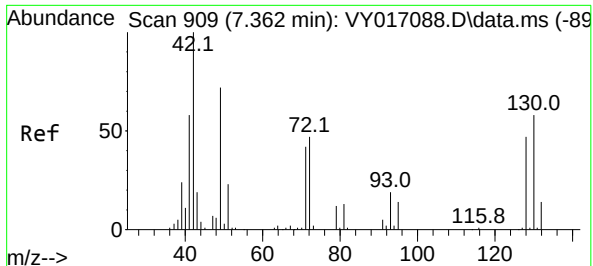
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 75.4 59.8 89.8





#29

Tetrahydrofuran

Concen: 229.413 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

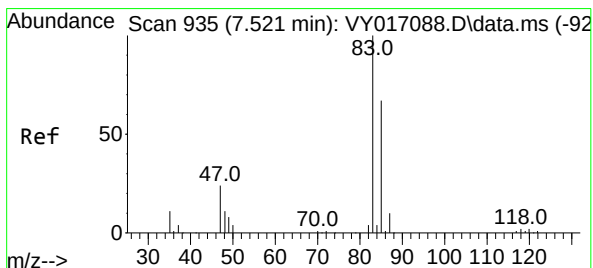
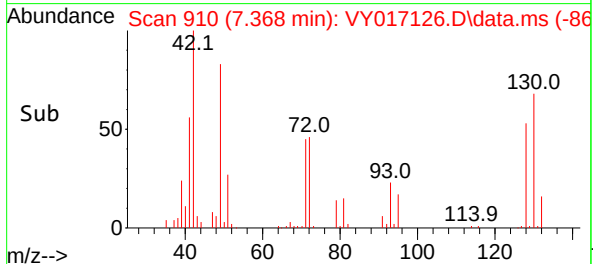
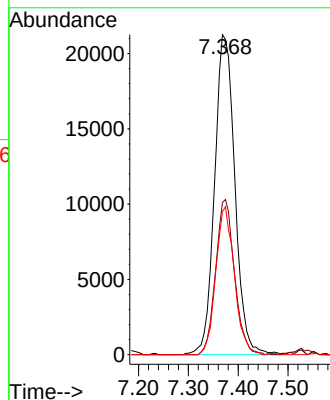
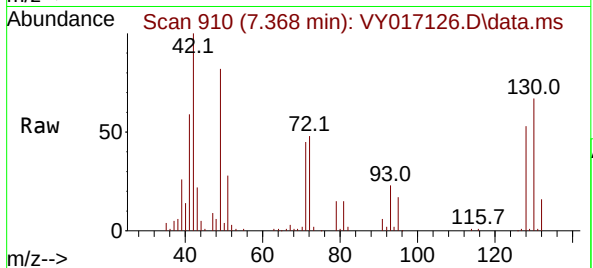
VSTDCCC050

Tgt Ion: 42	Resp: 60150
Ion Ratio	Lower Upper
42	100
72	45.1 36.6 54.8
71	42.2 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#30

Chloroform

Concen: 47.124 ug/l

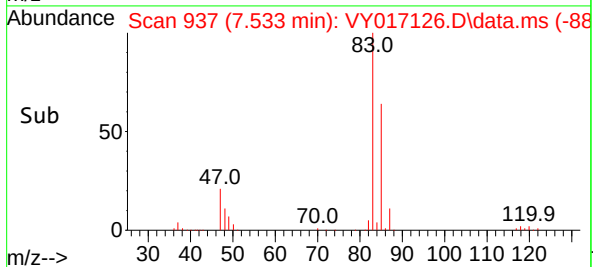
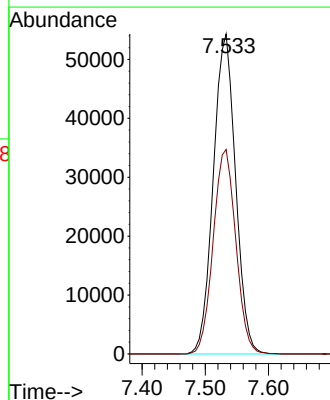
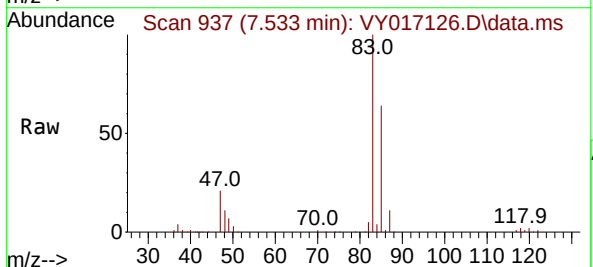
RT: 7.533 min Scan# 937

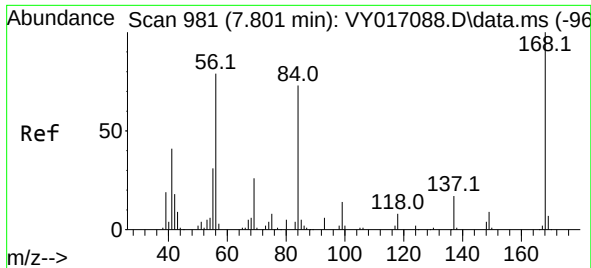
Delta R.T. 0.012 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

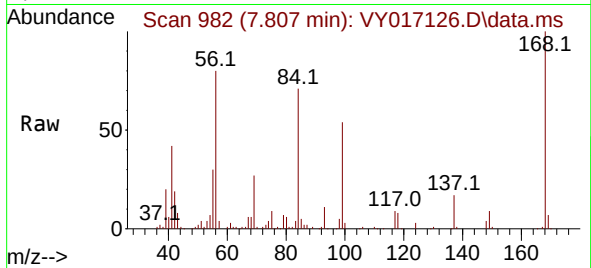
Tgt Ion: 83	Resp: 132701
Ion Ratio	Lower Upper
83	100
85	63.9 51.2 76.8





#31
Cyclohexane
Concen: 50.194 ug/l
RT: 7.807 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

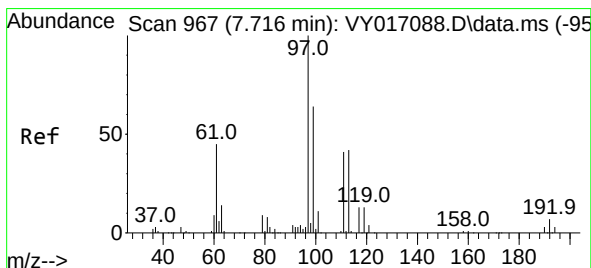
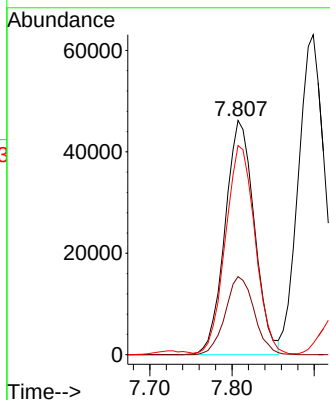
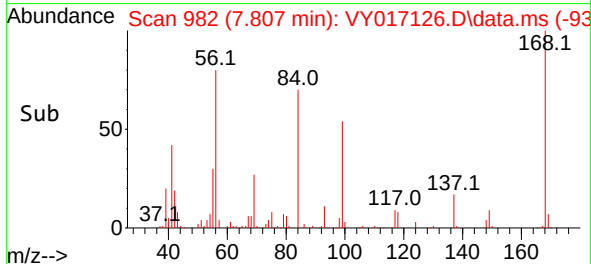
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



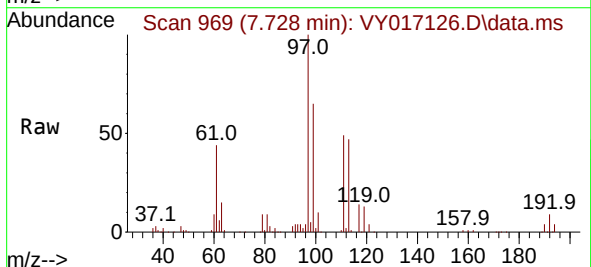
Tgt Ion: 56 Resp: 115120
Ion Ratio Lower Upper
56 100
69 33.3 27.0 40.6
84 88.1 71.8 107.6

Manual Integrations
APPROVED

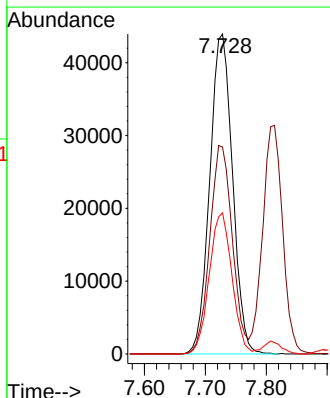
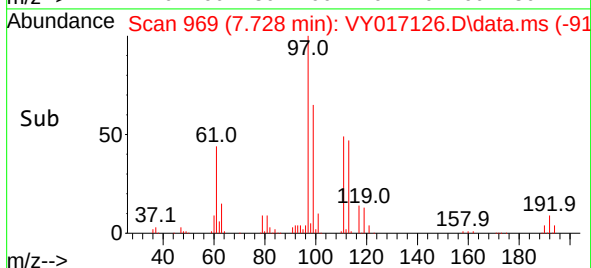
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024

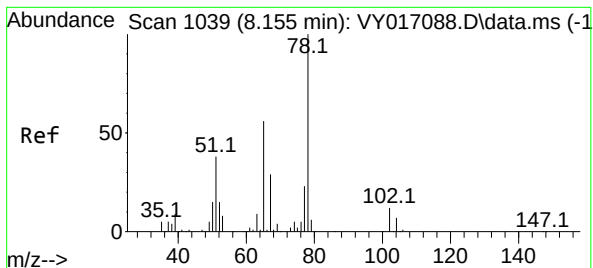


#32
1,1,1-Trichloroethane
Concen: 47.210 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27



Tgt Ion: 97 Resp: 113996
Ion Ratio Lower Upper
97 100
99 64.8 51.2 76.8
61 44.0 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 49.078 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 6346

Ion Ratio Lower Upper

65 100

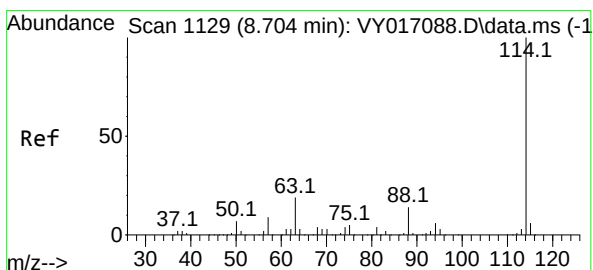
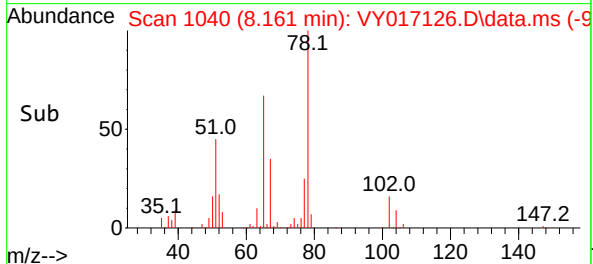
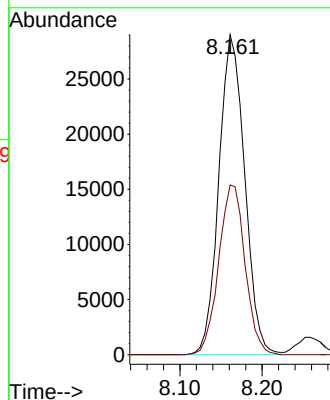
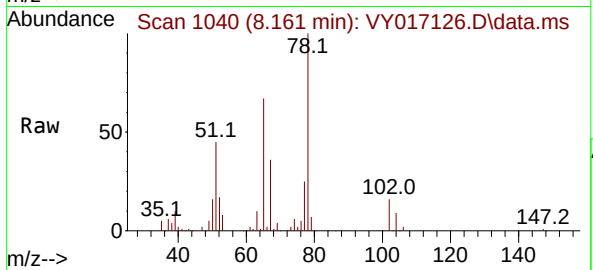
67 54.1 0.0 109.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024

Supervised By :Semsettin Yesilyurt 01/30/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

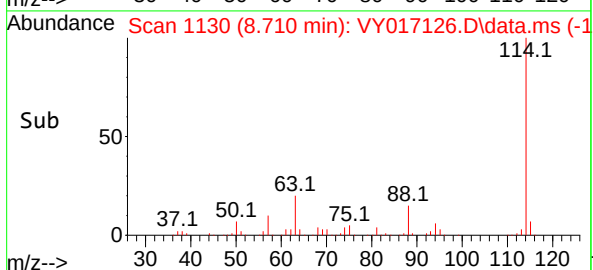
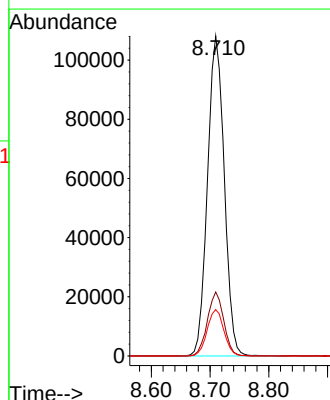
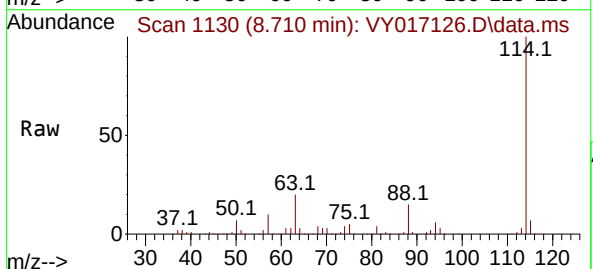
Tgt Ion:114 Resp: 214276

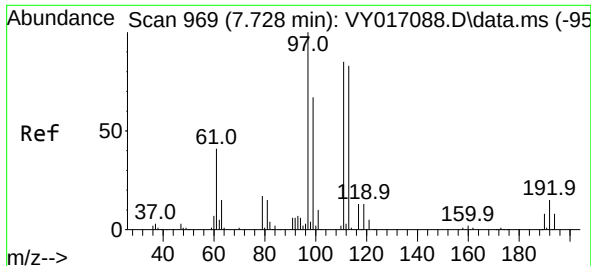
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

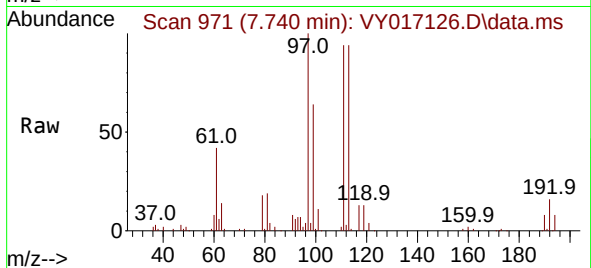
88 14.5 0.0 29.0





#35
Dibromofluoromethane
Concen: 52.141 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

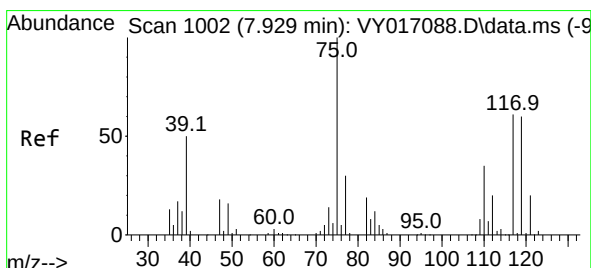
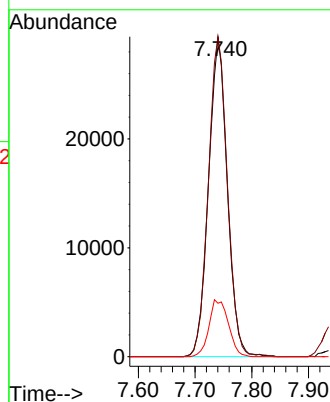
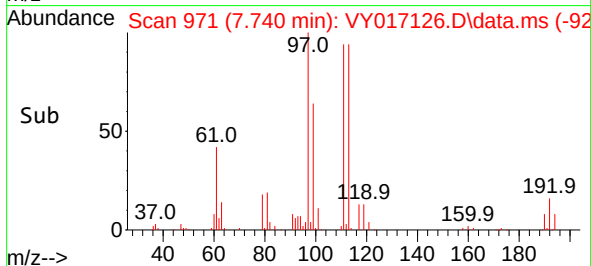
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



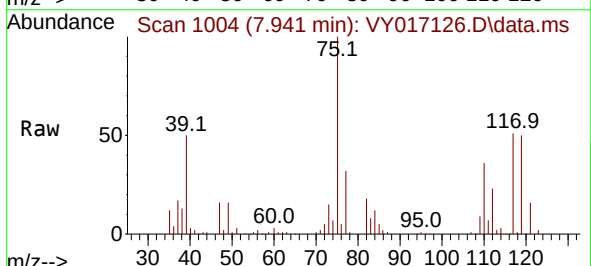
Tgt Ion:113 Resp: 6743
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 18.4 14.5 21.7

Manual Integrations
APPROVED

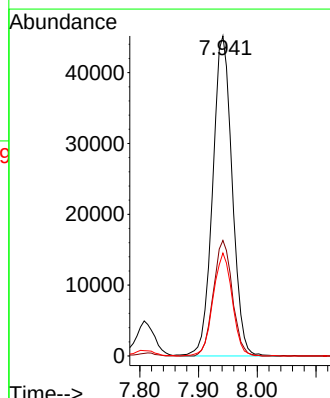
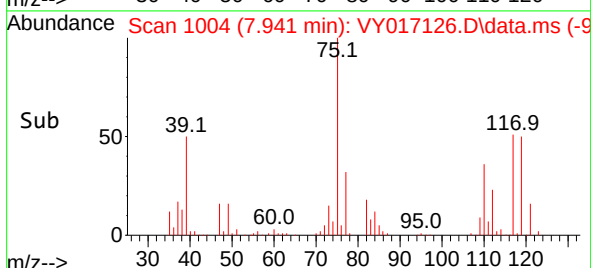
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024

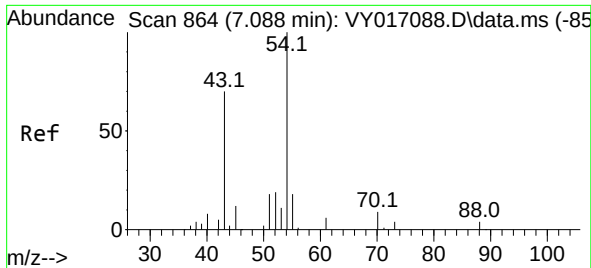


#36
1,1-Dichloropropene
Concen: 48.895 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27



Tgt Ion: 75 Resp: 104040
Ion Ratio Lower Upper
75 100
110 35.2 17.4 52.3
77 31.6 24.7 37.1





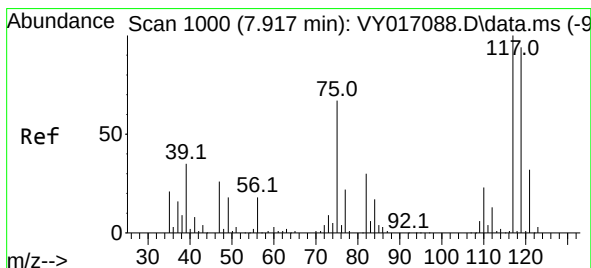
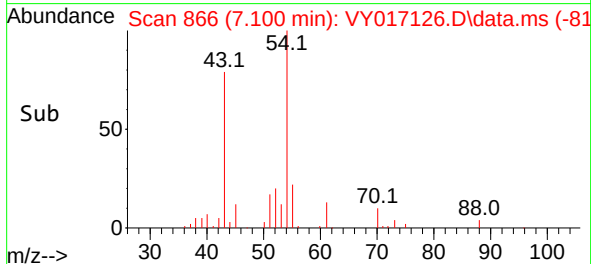
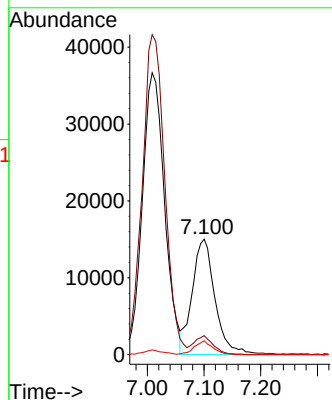
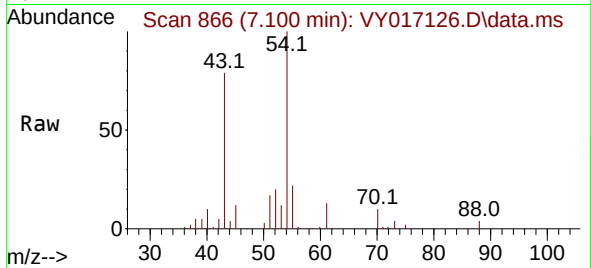
#37
Ethyl Acetate
Concen: 45.565 ug/l
RT: 7.100 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 41689
Ion Ratio Lower Upper
43 100
61 14.2 11.0 16.6
70 9.8 8.1 12.1

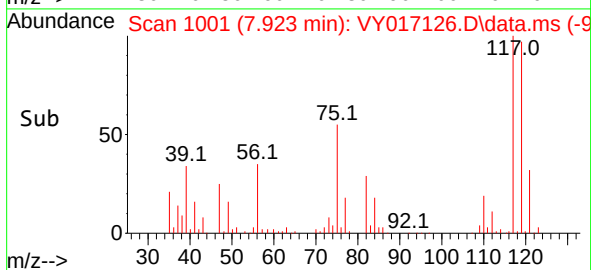
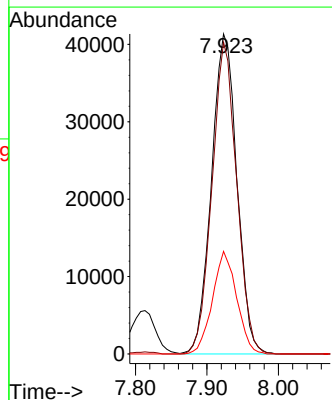
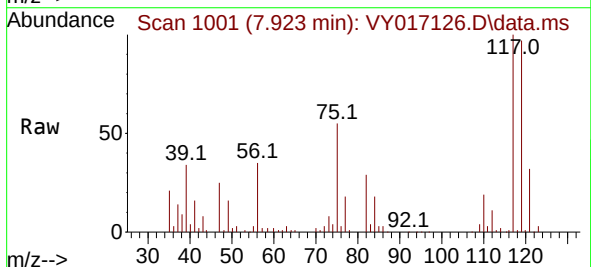
Manual Integrations
APPROVED

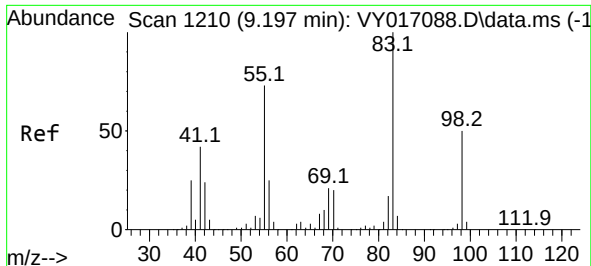
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#38
Carbon Tetrachloride
Concen: 49.044 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Tgt Ion:117 Resp: 102266
Ion Ratio Lower Upper
117 100
119 97.4 76.0 114.0
121 32.0 24.2 36.2





#39
Methylcyclohexane
Concen: 49.463 ug/l
RT: 9.203 min Scan# 1211
Delta R.T. 0.012 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

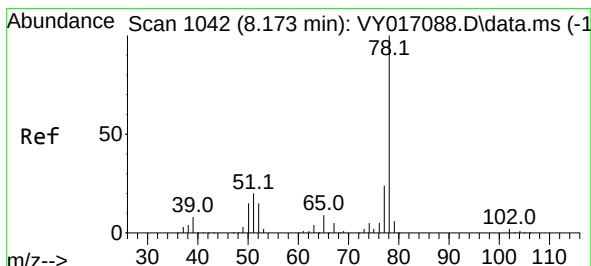
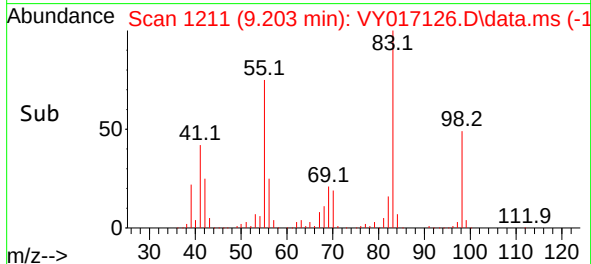
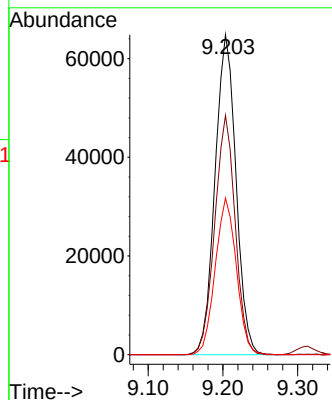
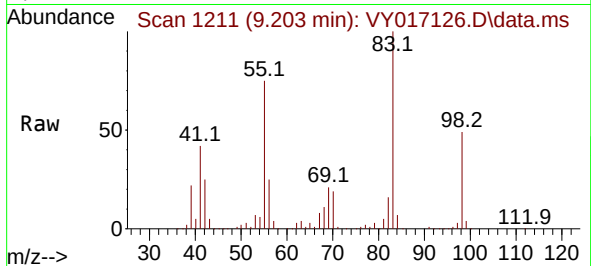
VSTDCCC050

Tgt Ion: 83 Resp: 126588
Ion Ratio Lower Upper
83 100
55 74.8 59.7 89.5
98 49.0 38.0 57.0

Manual Integrations

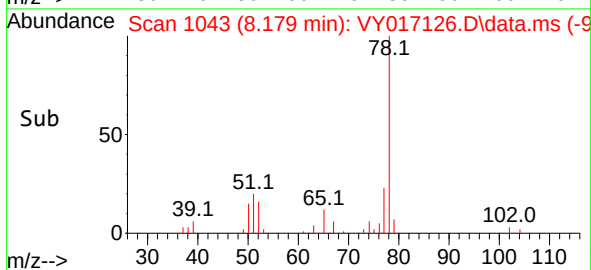
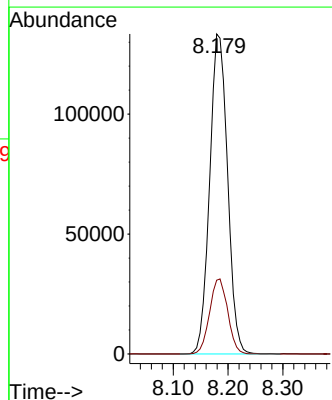
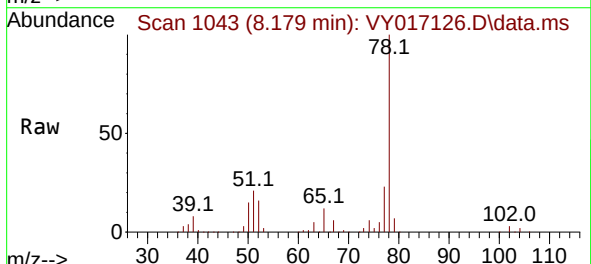
APPROVED

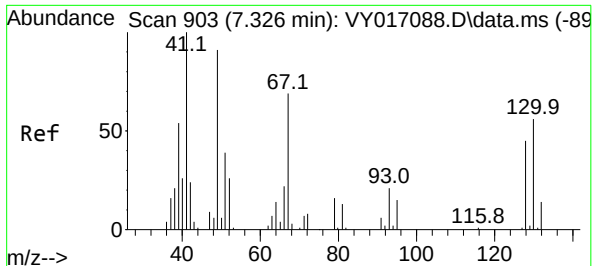
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#40
Benzene
Concen: 48.765 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

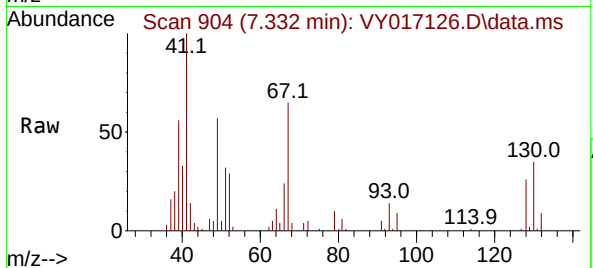
Tgt Ion: 78 Resp: 301338
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2





#41
Methacrylonitrile
Concen: 52.090 ug/l m
RT: 7.332 min Scan# 903
Delta R.T. 0.013 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

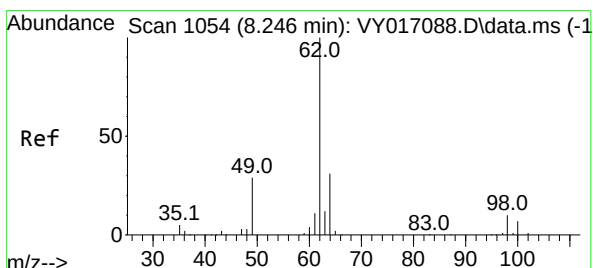
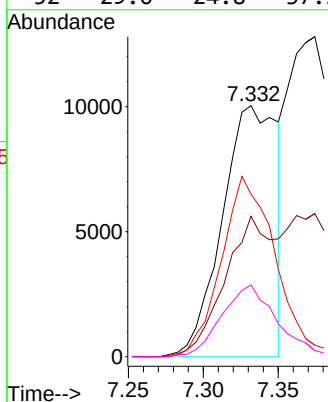
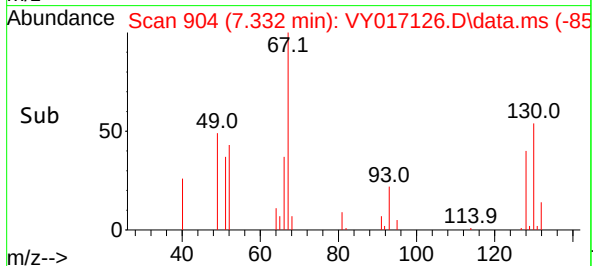
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 25489
Ion Ratio Lower Upper
41 100
39 44.5 41.9 62.9
67 71.4 59.8 89.6
52 29.0 24.8 37.2

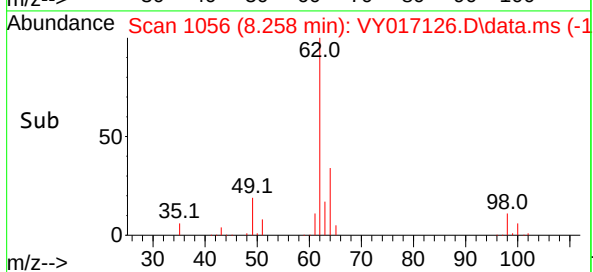
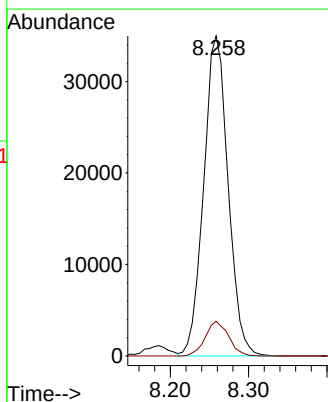
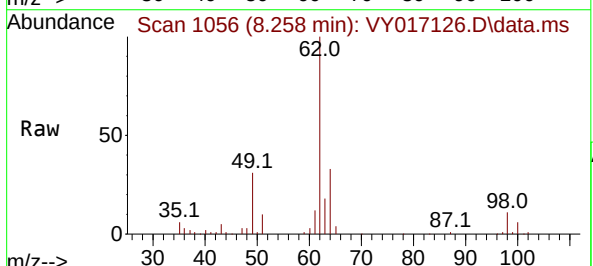
Manual Integrations
APPROVED

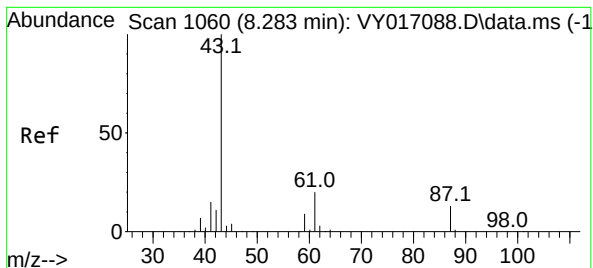
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#42
1,2-Dichloroethane
Concen: 47.274 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Tgt Ion: 62 Resp: 75736
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.2





#43

Isopropyl Acetate

Concen: 46.008 ug/l

RT: 8.289 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

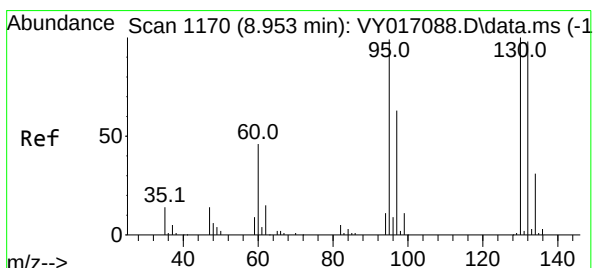
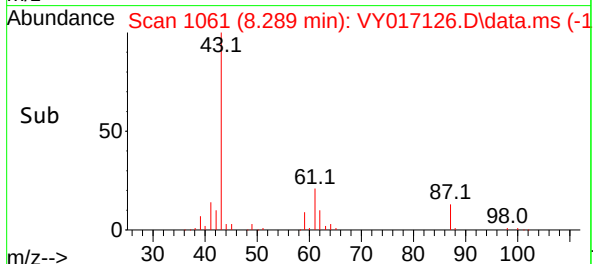
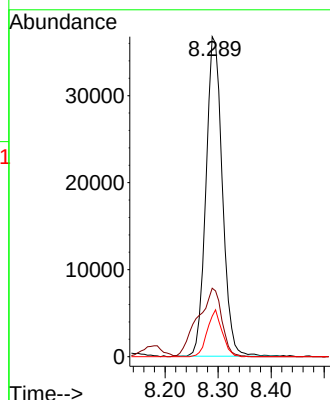
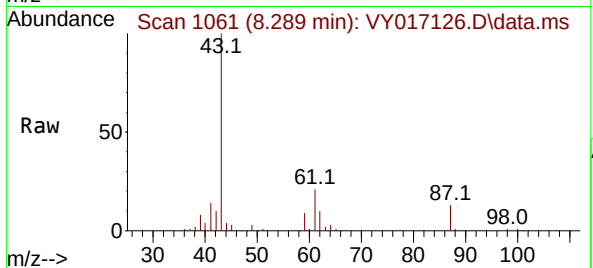
VSTDCCC050

Tgt Ion:	43	Resp:	7858
Ion Ratio	Lower	Upper	
43	100		
61	31.3	24.8	37.2
87	13.3	10.7	16.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#44

Trichloroethene

Concen: 49.441 ug/l

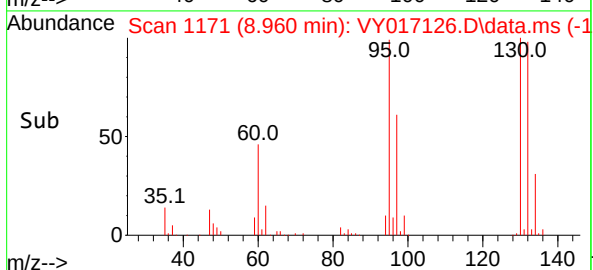
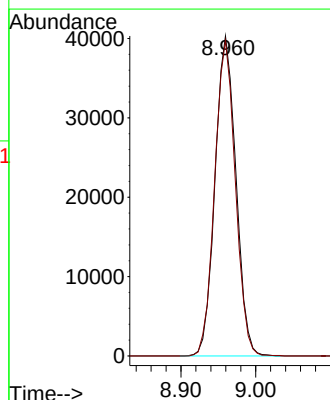
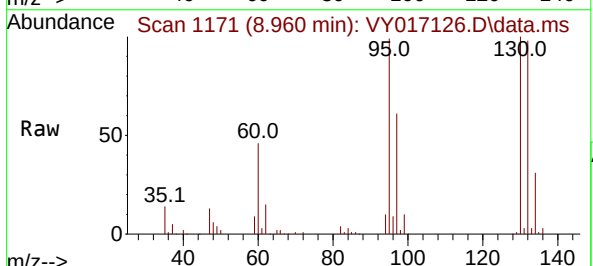
RT: 8.960 min Scan# 1171

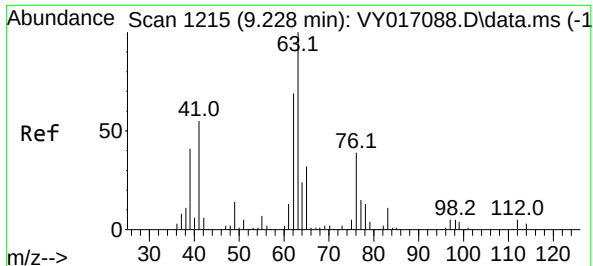
Delta R.T. 0.013 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Tgt Ion:	130	Resp:	78360
Ion Ratio	Lower	Upper	
130	100		
95	98.6	0.0	203.8





#45

1,2-Dichloropropane

Concen: 49.816 ug/l

RT: 9.234 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7555

Ion Ratio Lower Upper

63 100

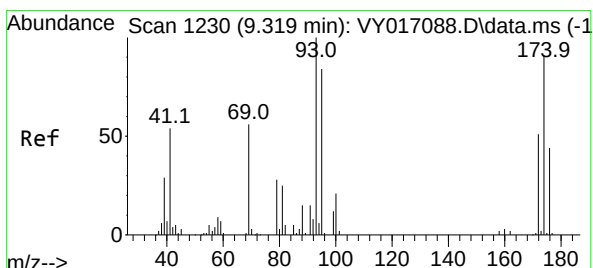
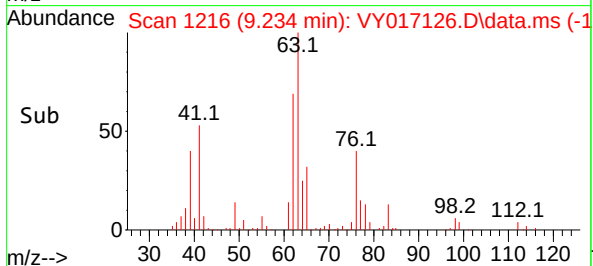
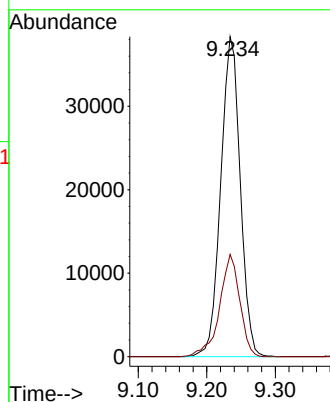
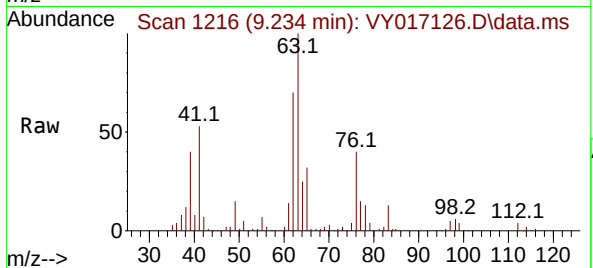
65 32.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024

Supervised By :Semsettin Yesilyurt 01/30/2024



#46

Dibromomethane

Concen: 46.770 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

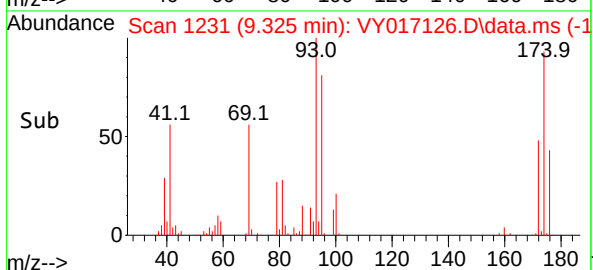
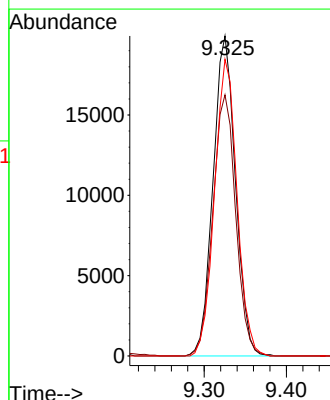
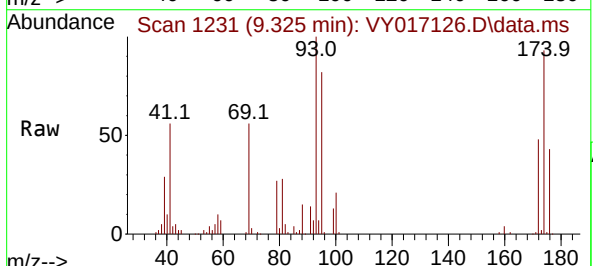
Tgt Ion: 93 Resp: 37673

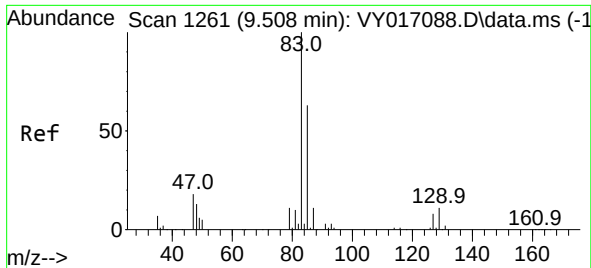
Ion Ratio Lower Upper

93 100

95 83.4 66.6 99.8

174 93.1 73.8 110.6





#47
Bromodichloromethane
Concen: 48.751 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

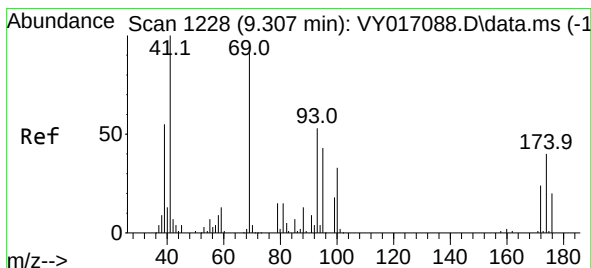
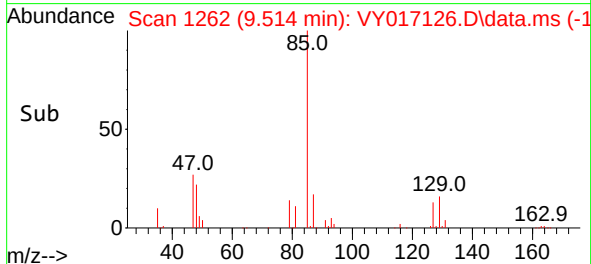
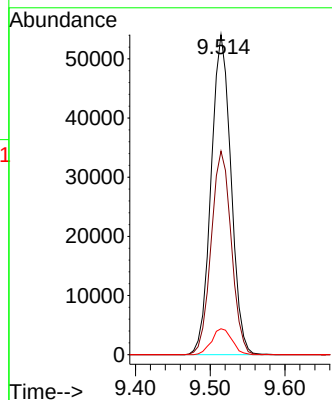
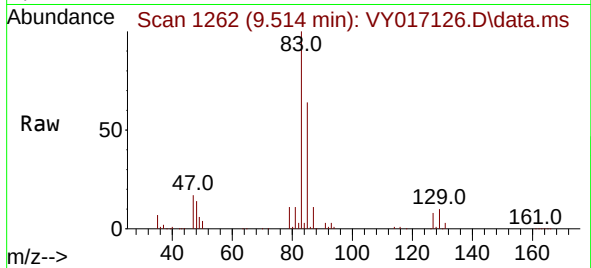
VSTDCCC050

Tgt Ion: 83 Resp: 9990
Ion Ratio Lower Upper
83 100
85 63.6 53.2 79.8
127 8.1 6.4 9.6

Manual Integrations

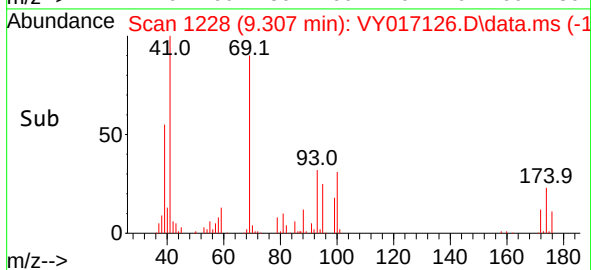
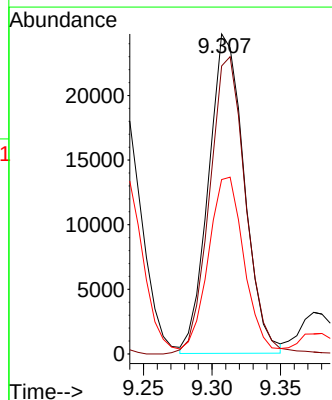
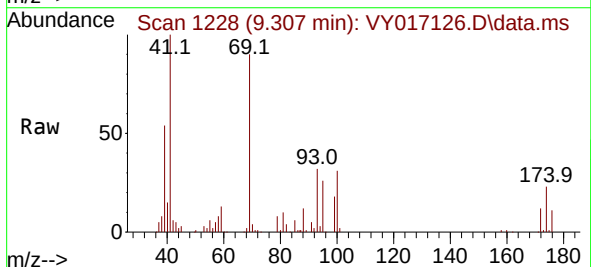
APPROVED

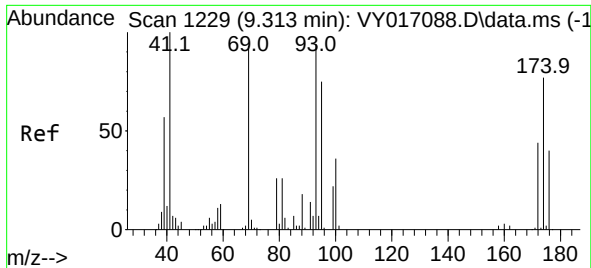
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#48
Methyl methacrylate
Concen: 47.247 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Tgt Ion: 41 Resp: 44807
Ion Ratio Lower Upper
41 100
69 94.0 72.1 108.1
39 52.7 42.8 64.2





#49

1,4-Dioxane

Concen: 1038.608 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 8228

Ion Ratio Lower Upper

88 100

43 34.8 28.2 42.4

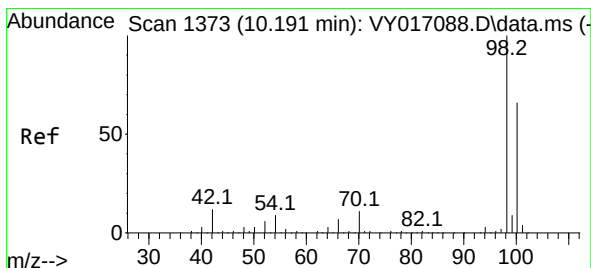
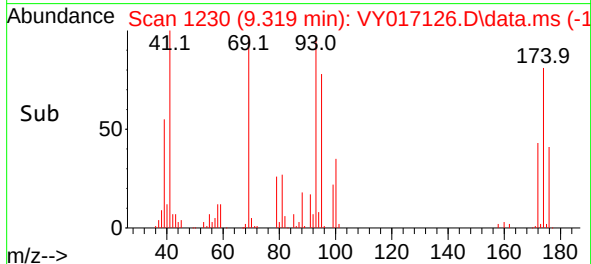
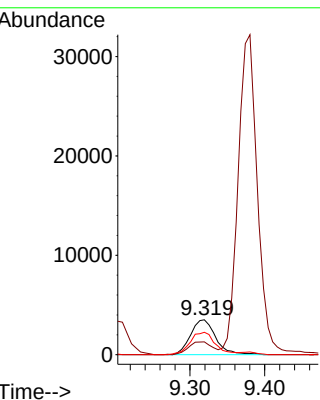
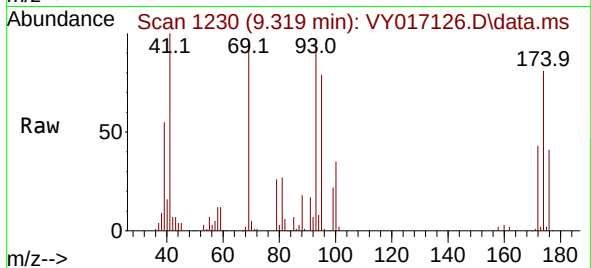
58 64.3 52.2 78.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024

Supervised By :Semsettin Yesilyurt 01/30/2024



#50

Toluene-d8

Concen: 52.425 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY017126.D

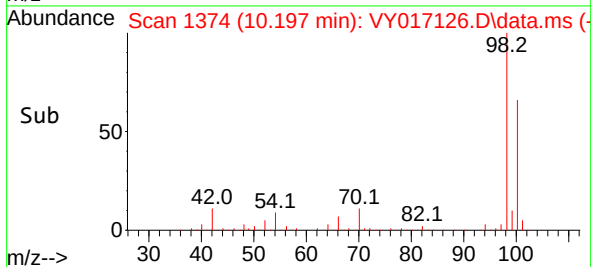
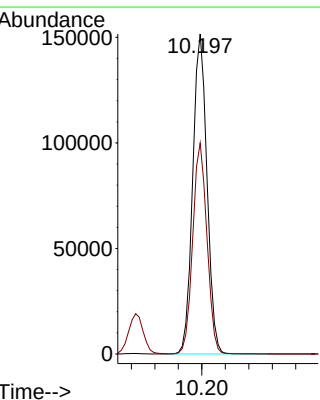
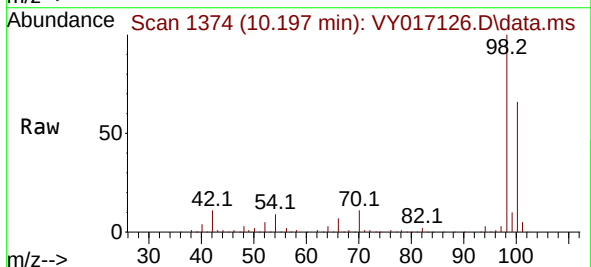
Acq: 29 Jan 2024 10:27

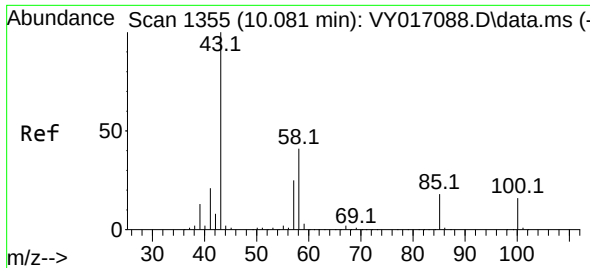
Tgt Ion: 98 Resp: 256075

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5





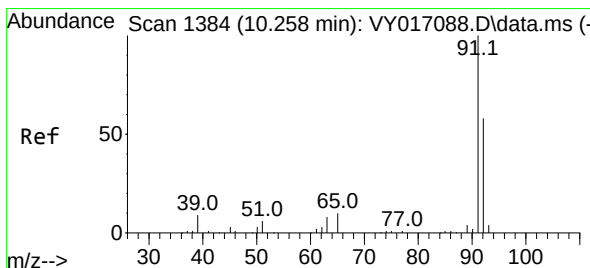
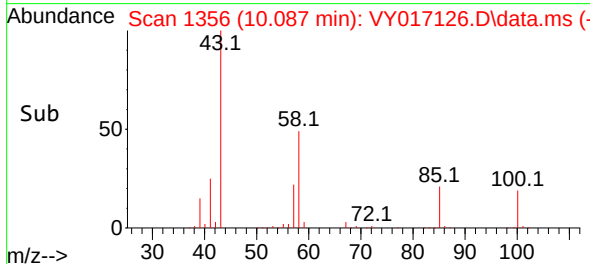
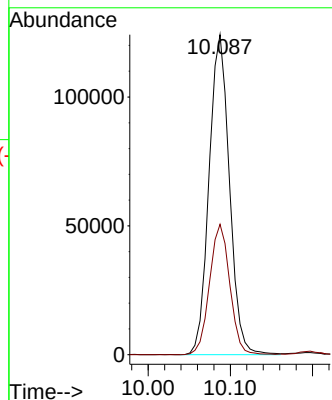
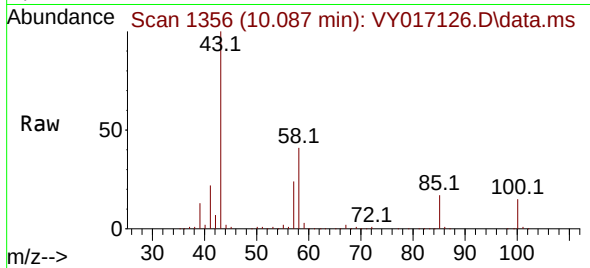
#51
4-Methyl-2-Pentanone
Concen: 235.593 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 214050
Ion Ratio Lower Upper
43 100
58 40.5 32.2 48.2

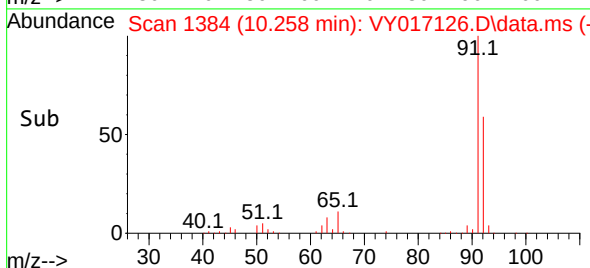
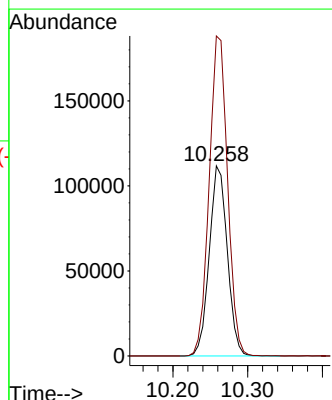
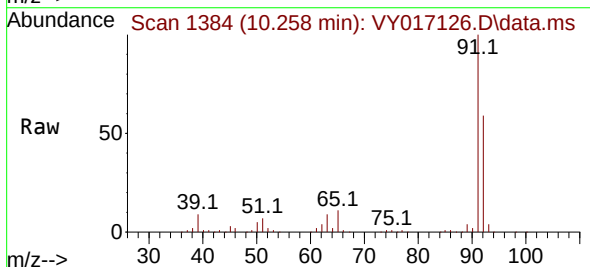
Manual Integrations
APPROVED

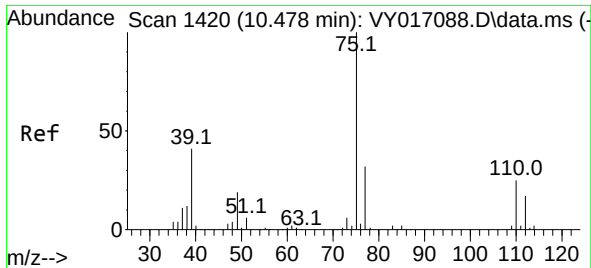
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#52
Toluene
Concen: 50.100 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

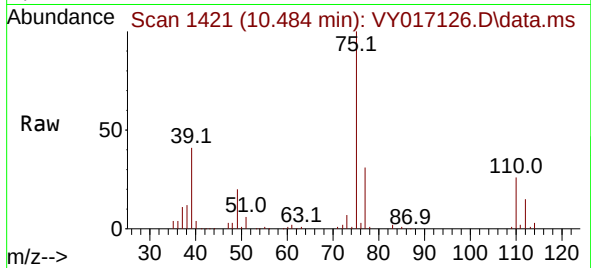
Tgt Ion: 92 Resp: 187385
Ion Ratio Lower Upper
92 100
91 172.0 137.6 206.4





#53
t-1,3-Dichloropropene
Concen: 48.977 ug/l
RT: 10.484 min Scan# 1420
Delta R.T. 0.013 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

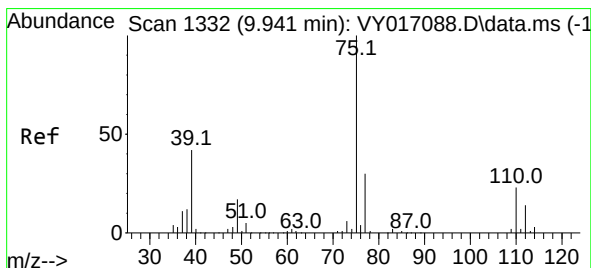
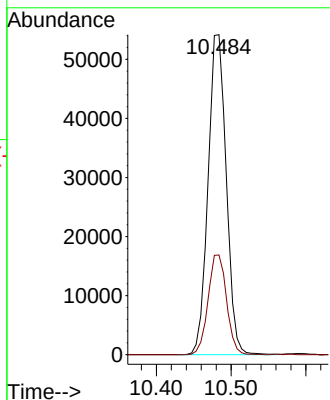
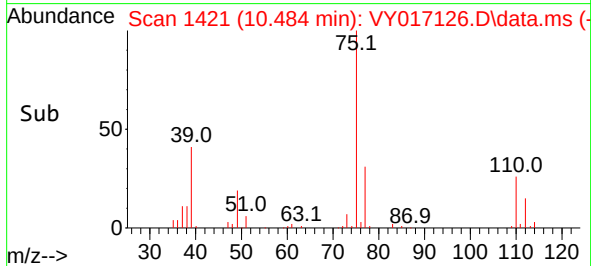
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



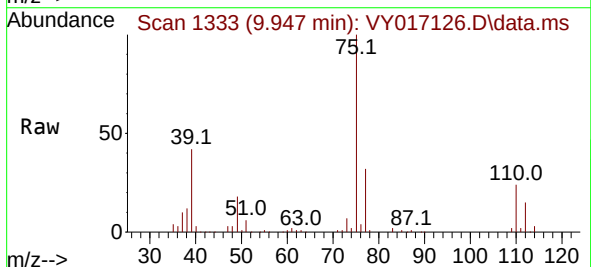
Tgt Ion: 75 Resp: 91680
Ion Ratio Lower Upper
75 100
77 31.1 24.6 36.8

Manual Integrations
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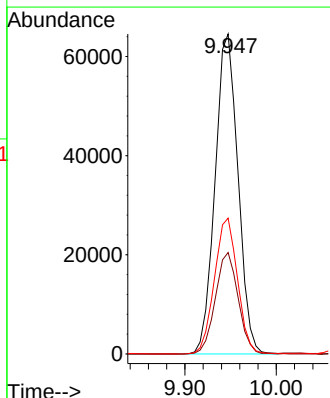
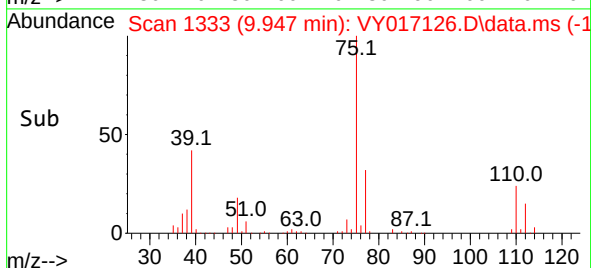
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024

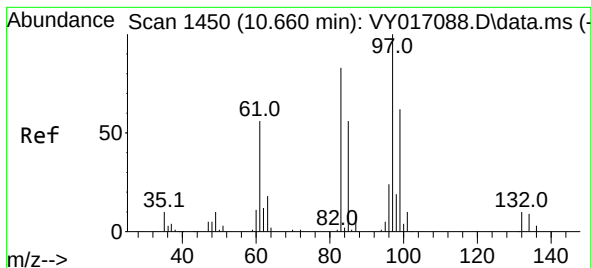


#54
cis-1,3-Dichloropropene
Concen: 48.862 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27



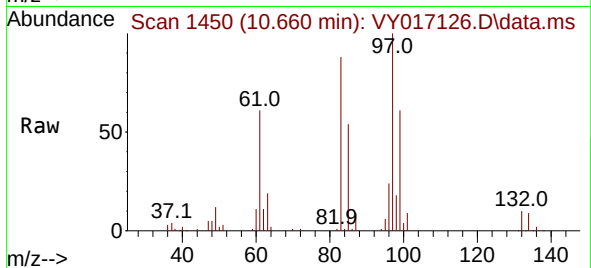
Tgt Ion: 75 Resp: 112500
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8
39 42.5 33.6 50.4





#55
1,1,2-Trichloroethane
Concen: 47.148 ug/l
RT: 10.660 min Scan# 1450
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

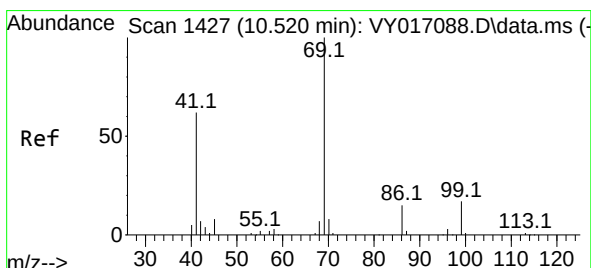
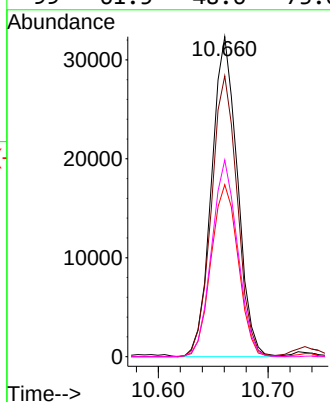
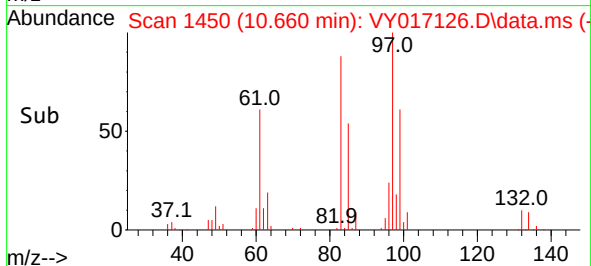
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



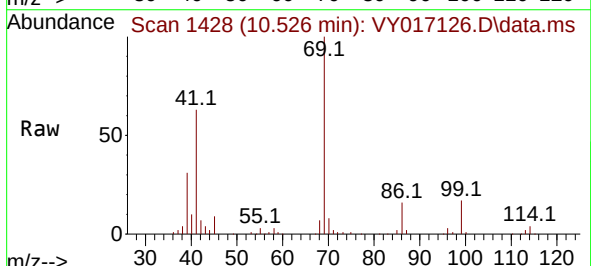
Tgt Ion: 97	Resp: 53079
Ion Ratio	Lower Upper
97 100	
83 87.7	69.4 104.2
85 53.7	43.9 65.9
99 61.5	48.6 73.0

Manual Integrations
APPROVED

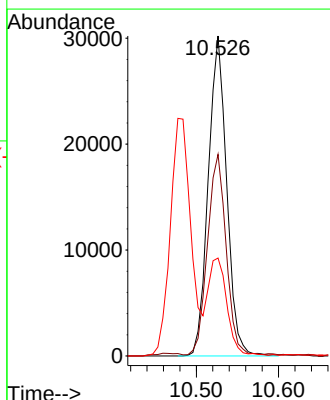
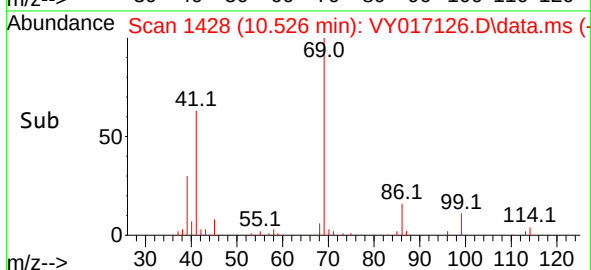
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024

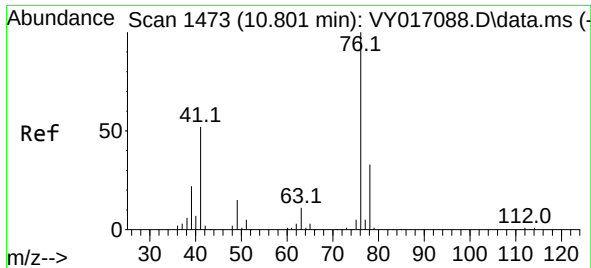


#56
Ethyl methacrylate
Concen: 47.755 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27



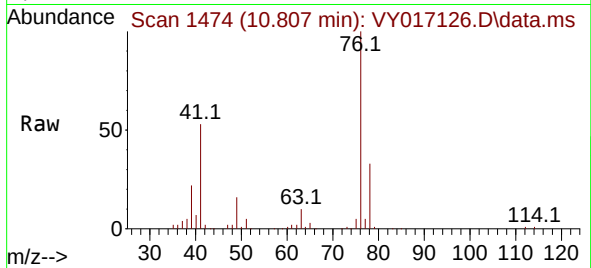
Tgt Ion: 69	Resp: 47014
Ion Ratio	Lower Upper
69 100	
41 63.2	49.2 73.8
39 30.6	26.8 40.2





#57
1,3-Dichloropropane
Concen: 47.873 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.007 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

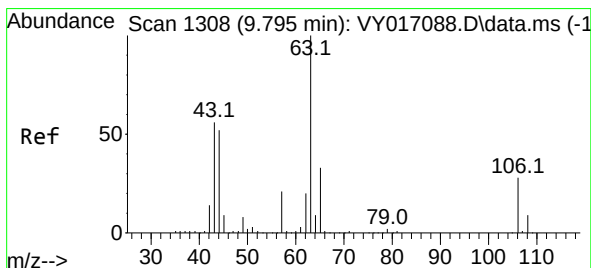
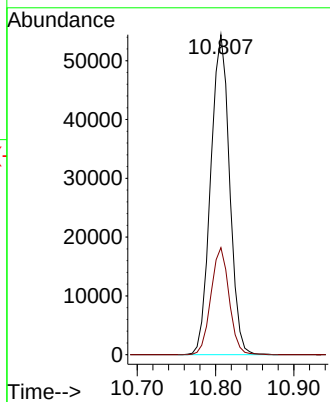
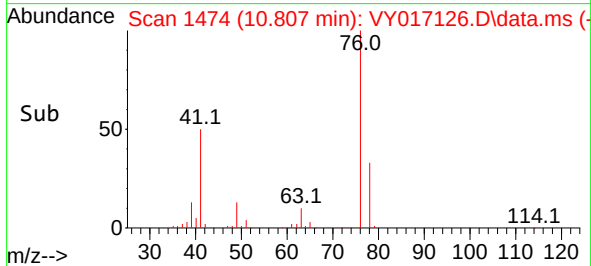
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 91119
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

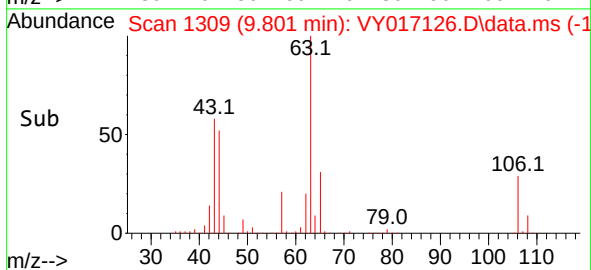
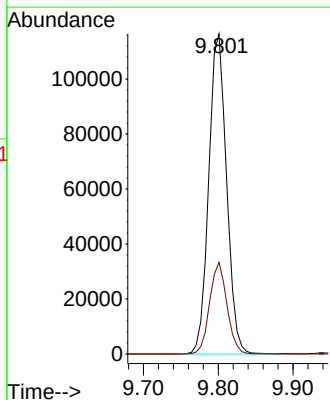
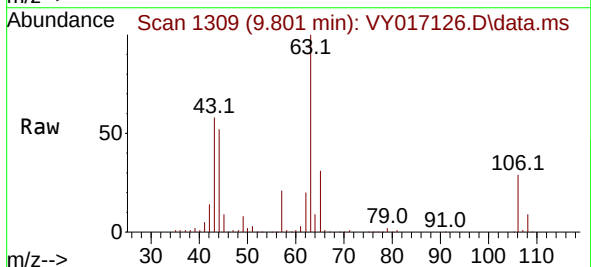
Manual Integrations
APPROVED

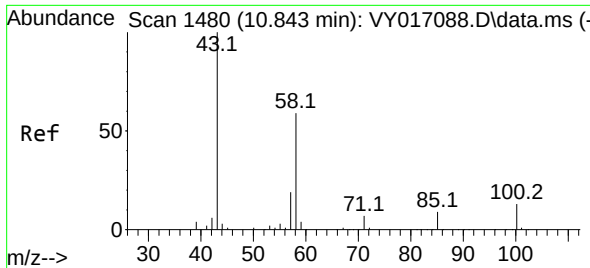
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#58
2-Chloroethyl Vinyl ether
Concen: 281.781 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.013 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

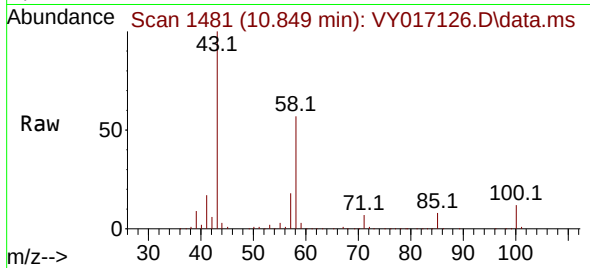
Tgt Ion: 63 Resp: 192562
Ion Ratio Lower Upper
63 100
106 27.8 22.4 33.6





#59
2-Hexanone
Concen: 219.624 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

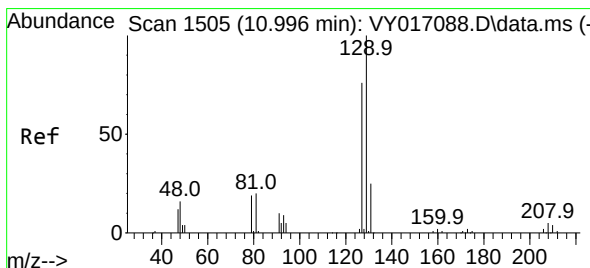
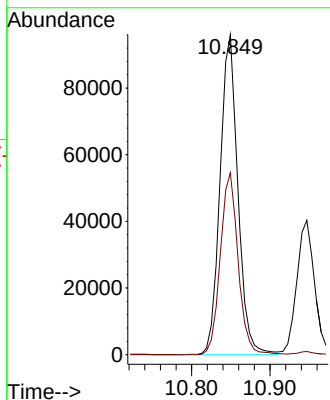
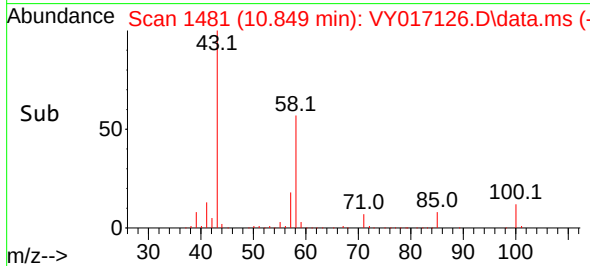
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 152236
Ion Ratio Lower Upper
43 100
58 56.7 28.1 84.3

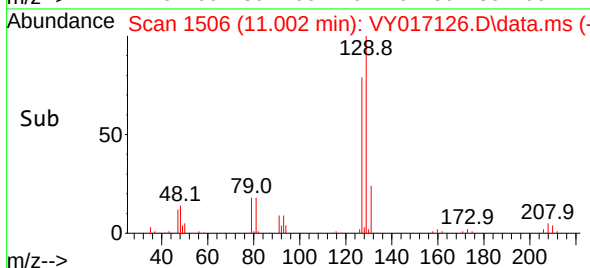
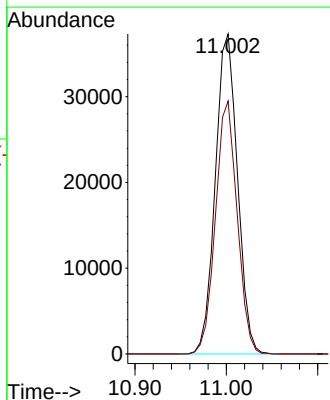
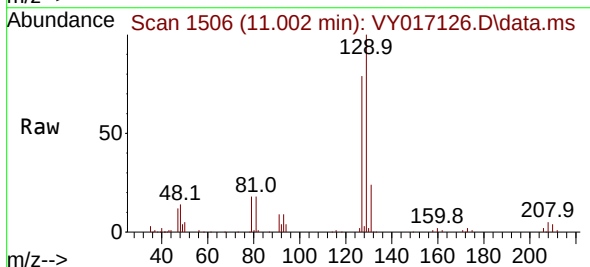
Manual Integrations
APPROVED

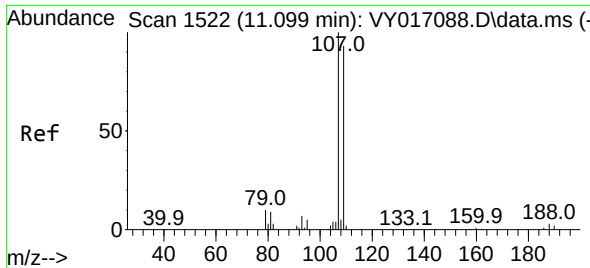
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#60
Dibromochloromethane
Concen: 48.118 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Tgt Ion:129 Resp: 62936
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6





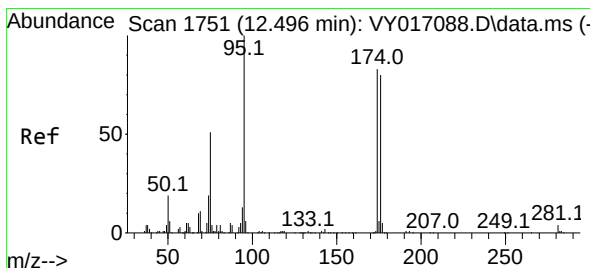
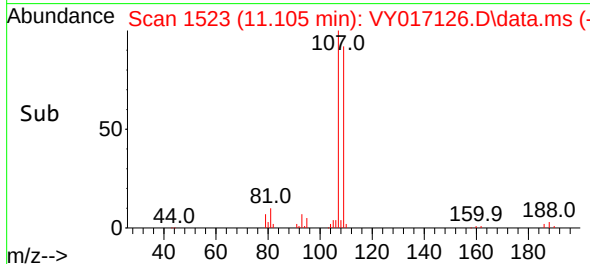
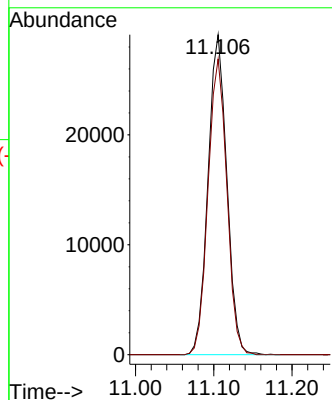
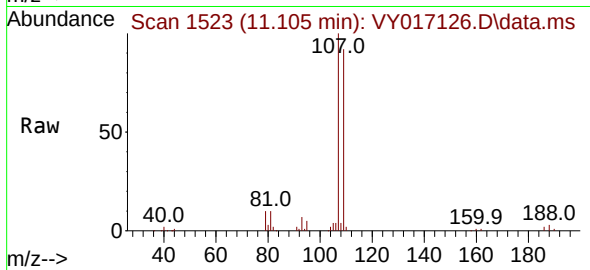
#61
1,2-Dibromoethane
Concen: 47.489 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 4856
Ion Ratio Lower Upper
107 100
109 92.4 75.4 113.2

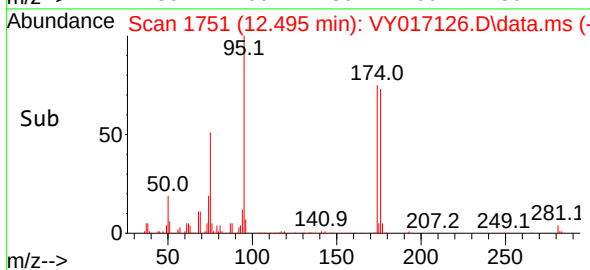
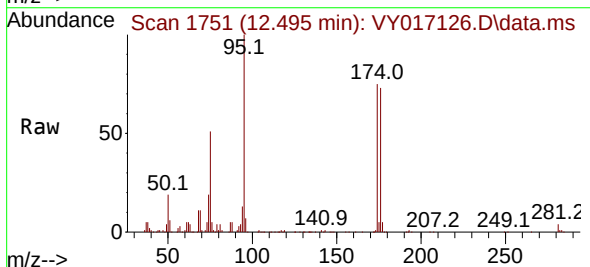
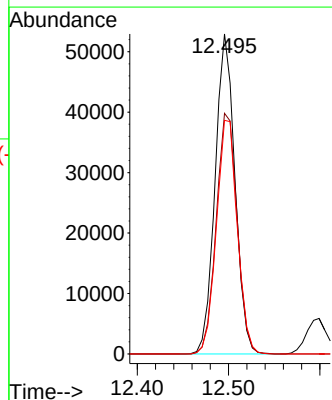
Manual Integrations
APPROVED

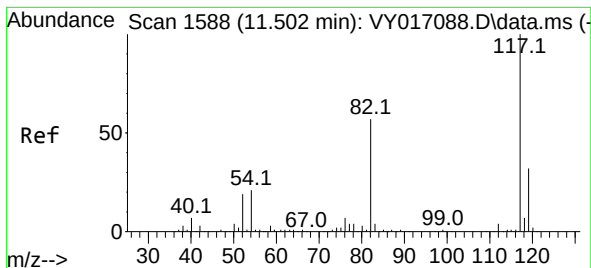
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#62
4-Bromofluorobenzene
Concen: 53.044 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Tgt Ion: 95 Resp: 79817
Ion Ratio Lower Upper
95 100
174 79.4 0.0 160.0
176 76.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 182430

Ion Ratio Lower Upper

117 100

82 53.3 43.8 65.8

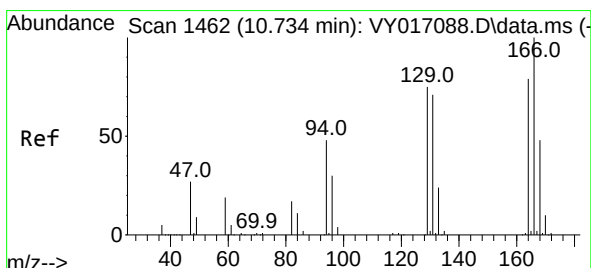
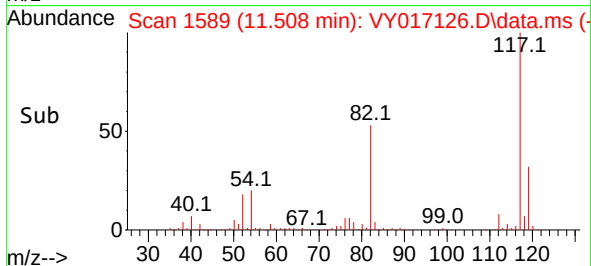
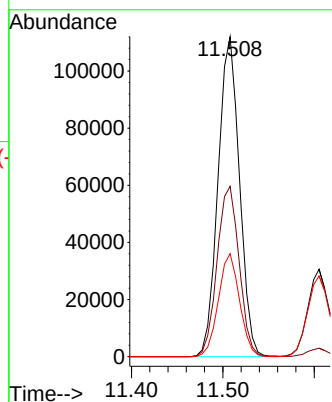
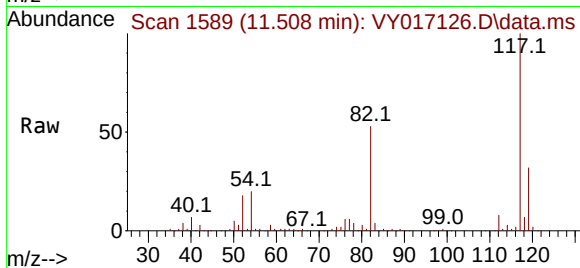
119 32.2 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024

Supervised By :Semsettin Yesilyurt 01/30/2024



#64

Tetrachloroethene

Concen: 48.750 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.013 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Tgt Ion:164 Resp: 61991

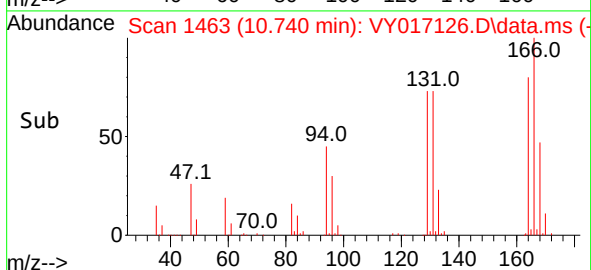
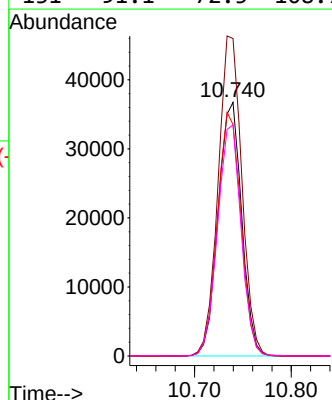
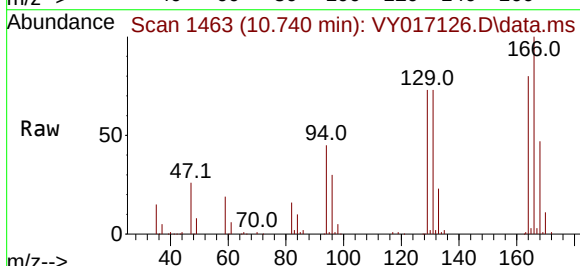
Ion Ratio Lower Upper

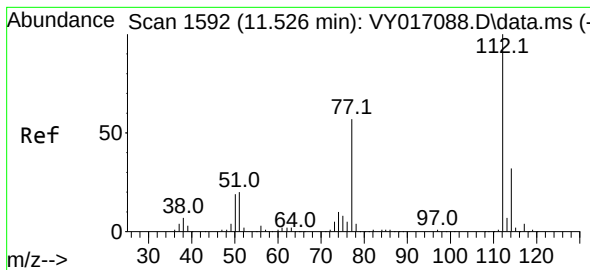
164 100

166 125.2 98.8 148.2

129 91.3 78.9 118.3

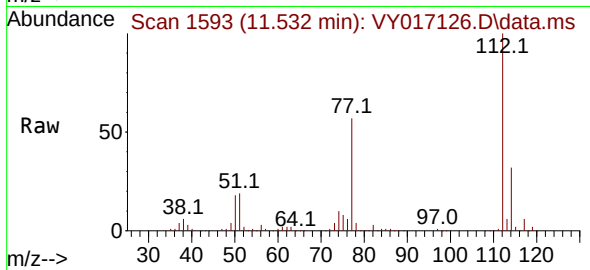
131 91.1 72.5 108.7





#65
Chlorobenzene
Concen: 49.475 ug/l
RT: 11.532 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

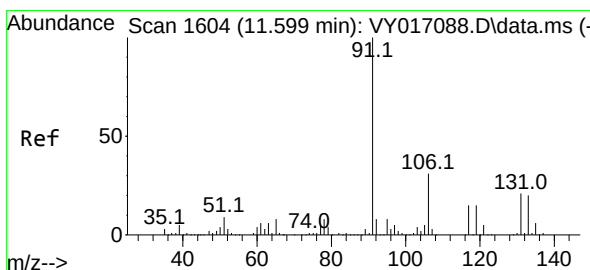
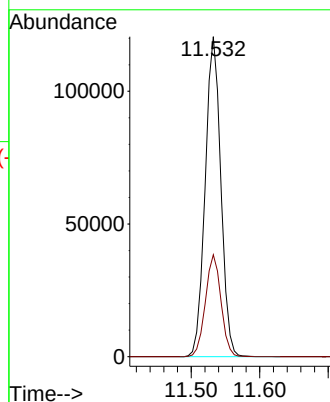
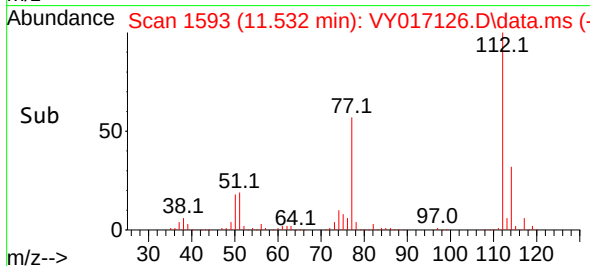
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



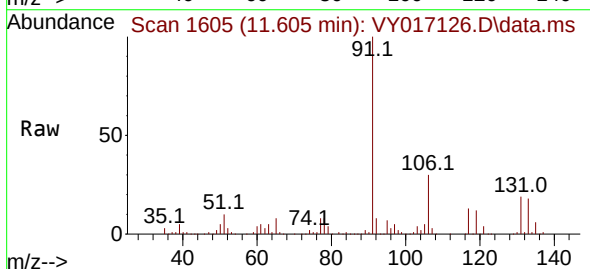
Tgt Ion:112 Resp: 19127
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1

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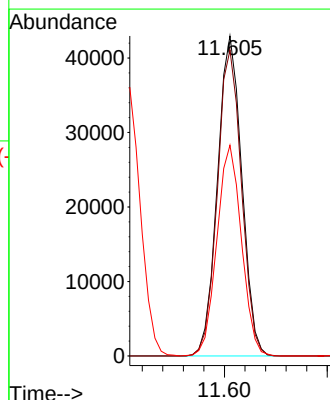
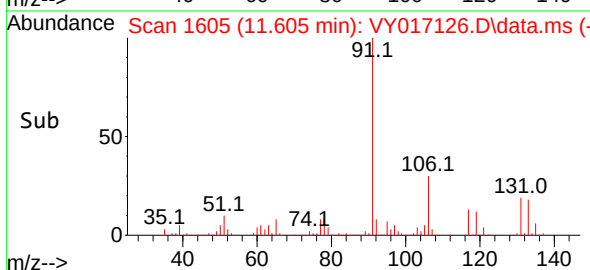
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024

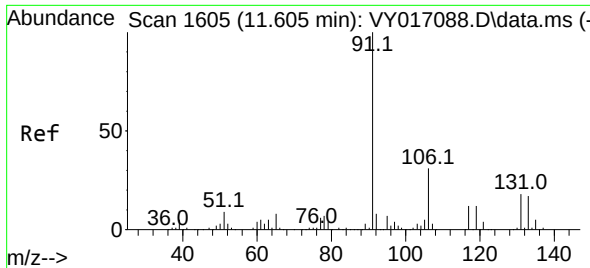


#66
1,1,1,2-Tetrachloroethane
Concen: 49.966 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27



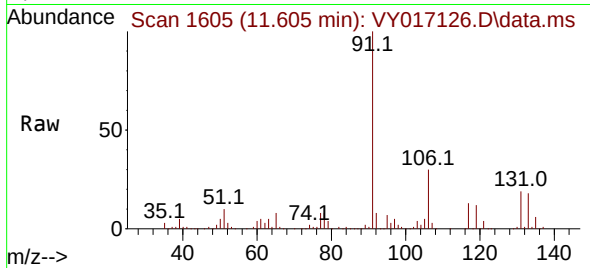
Tgt Ion:131 Resp: 70559
Ion Ratio Lower Upper
131 100
133 94.9 47.0 141.0
119 66.4 33.3 99.9





#67
Ethyl Benzene
Concen: 51.120 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

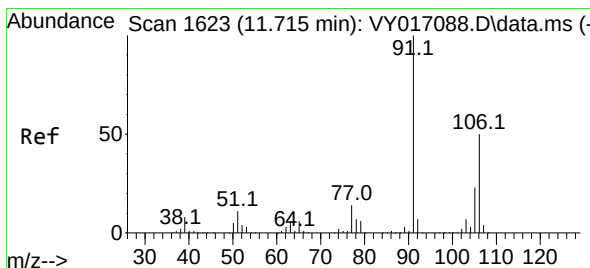
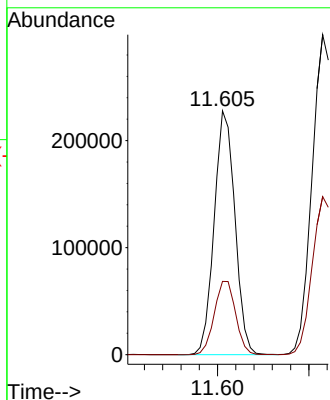
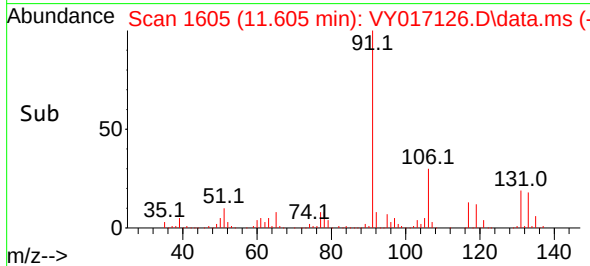
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



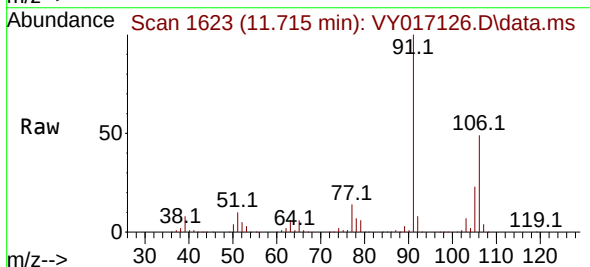
Tgt Ion: 91 Resp: 359279
Ion Ratio Lower Upper
91 100
106 30.1 25.0 37.4

Manual Integrations
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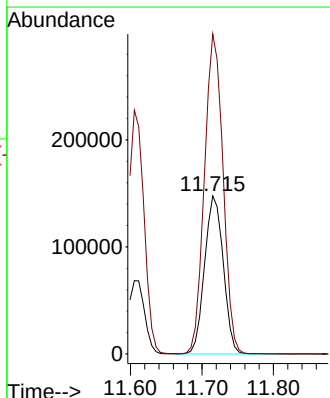
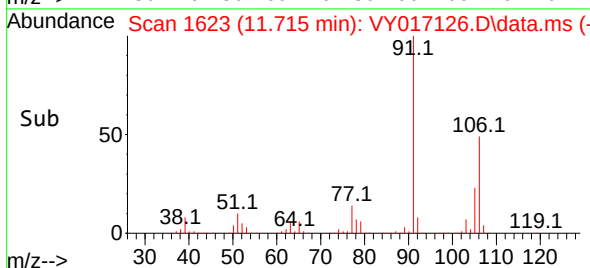
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024

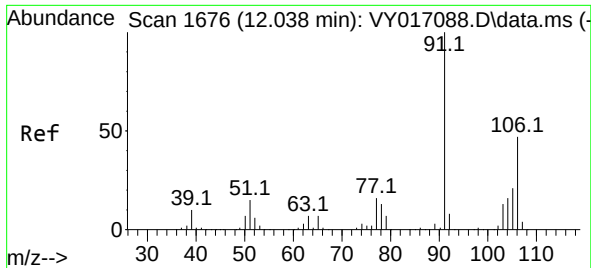


#68
m/p-Xylenes
Concen: 101.432 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27



Tgt Ion:106 Resp: 267842
Ion Ratio Lower Upper
106 100
91 201.6 160.7 241.1





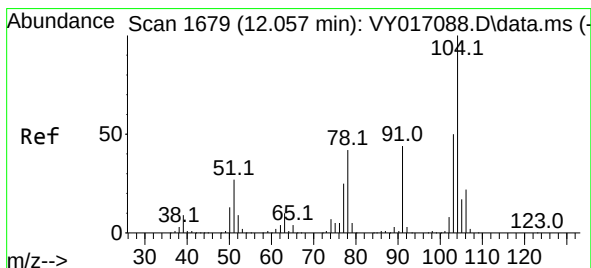
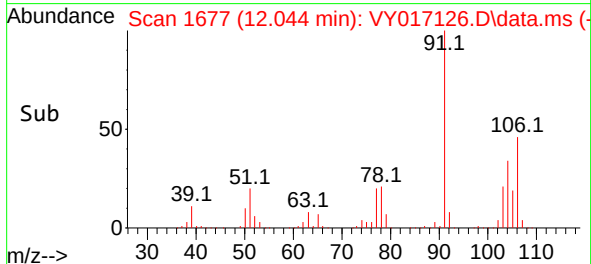
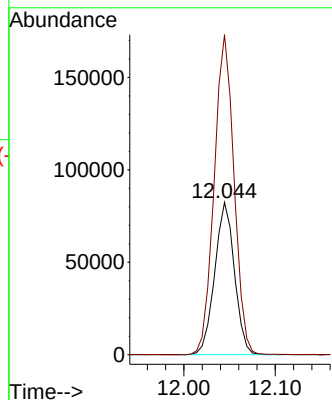
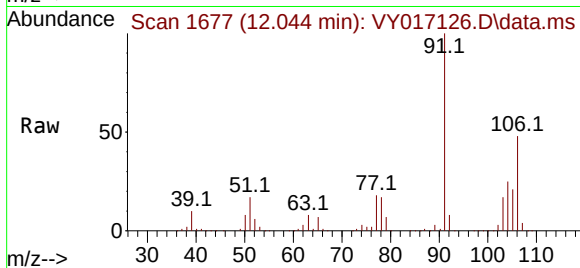
#69
o-Xylene
Concen: 51.508 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 123548
Ion Ratio Lower Upper
106 100
91 211.6 106.5 319.5

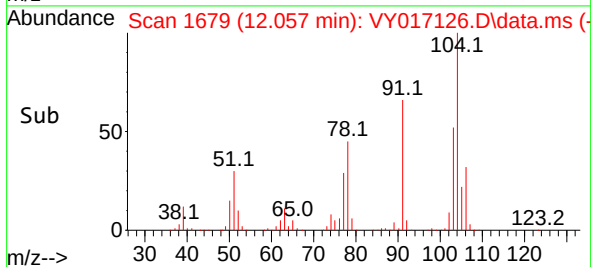
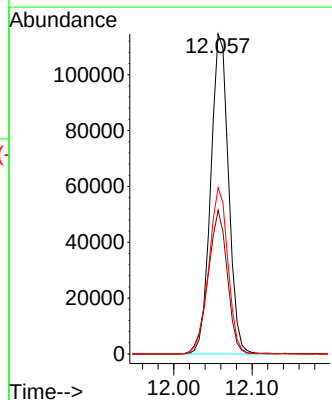
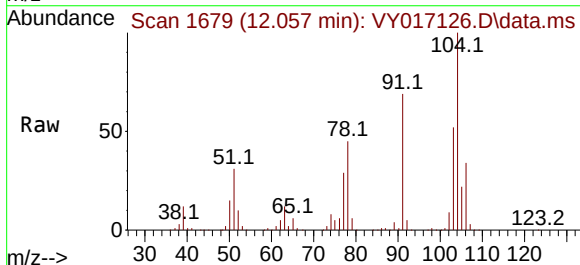
Manual Integrations
APPROVED

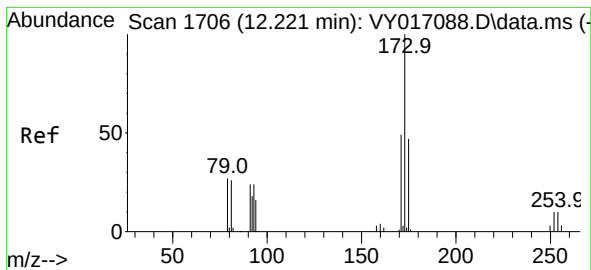
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#70
Styrene
Concen: 52.016 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.007 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Tgt Ion:104 Resp: 181129
Ion Ratio Lower Upper
104 100
78 48.3 39.2 58.8
103 55.9 43.8 65.6





#71

Bromoform

Concen: 48.917 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 34638

Ion Ratio Lower Upper

173 100

175 46.4 23.5 70.6

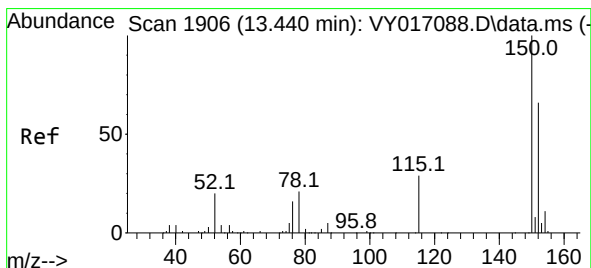
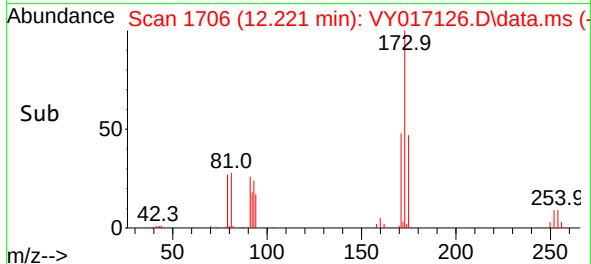
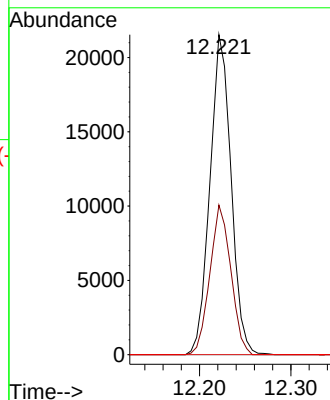
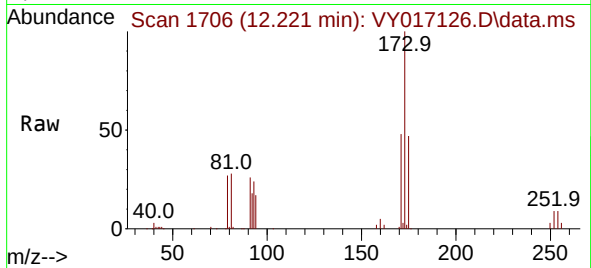
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024

Supervised By :Semsettin Yesilyurt 01/30/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

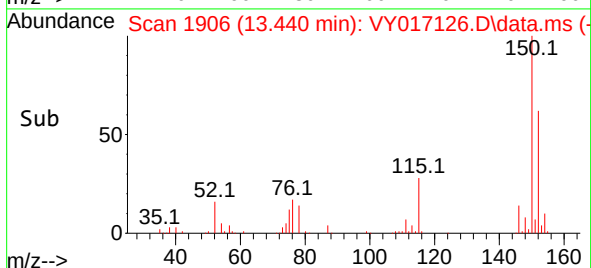
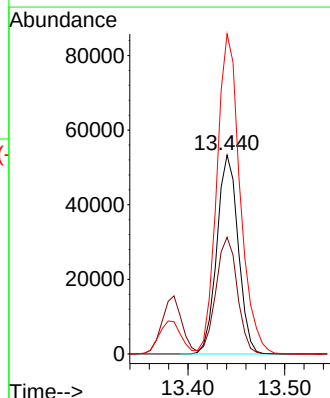
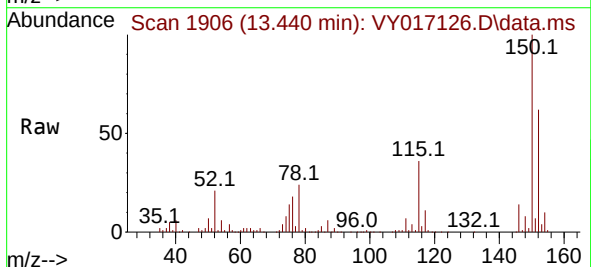
Tgt Ion:152 Resp: 81317

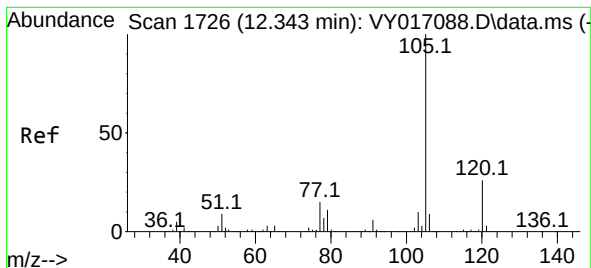
Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 175.4 0.0 344.6





#73

Isopropylbenzene

Concen: 50.713 ug/l

RT: 12.343 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 339010

Ion Ratio Lower Upper

105 100

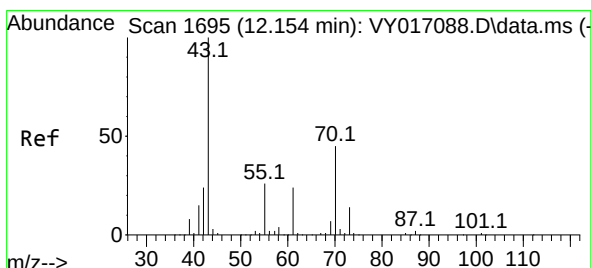
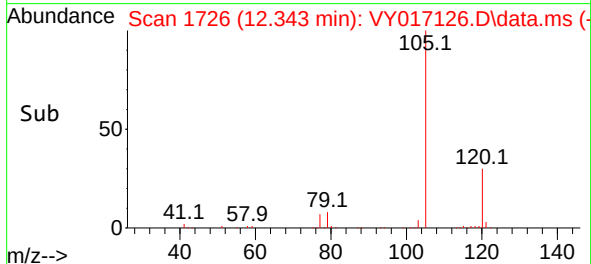
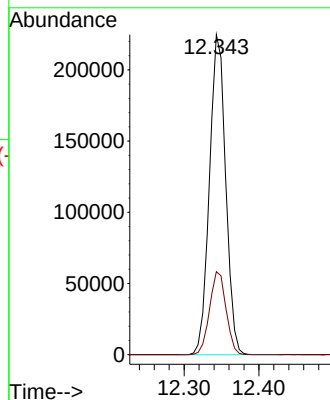
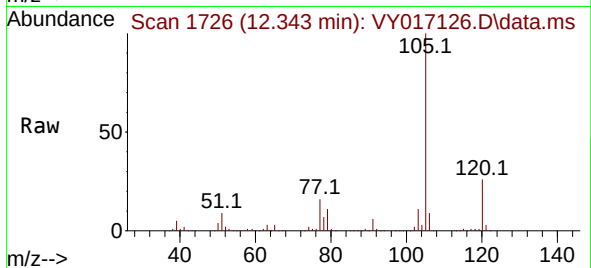
120 26.3 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024

Supervised By :Semsettin Yesilyurt 01/30/2024



#74

N-ethyl acetate

Concen: 46.976 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Tgt Ion: 43 Resp: 63298

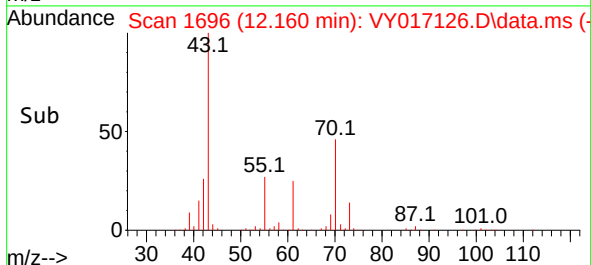
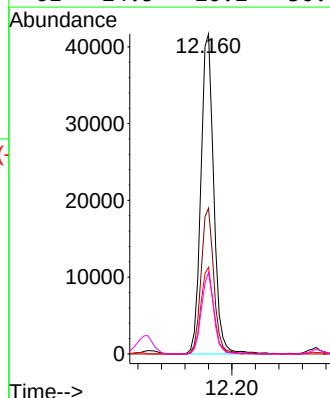
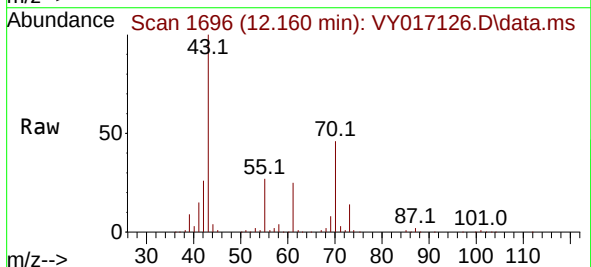
Ion Ratio Lower Upper

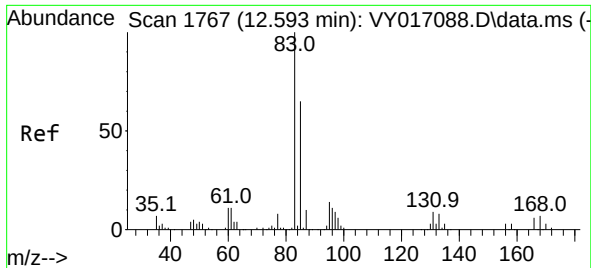
43 100

70 45.3 36.6 55.0

55 27.1 22.2 33.4

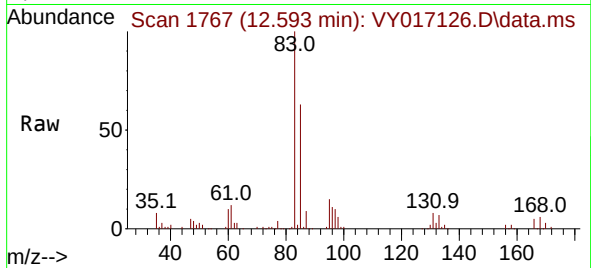
61 24.5 20.2 30.4





#75
1,1,2,2-Tetrachloroethane
Concen: 46.438 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

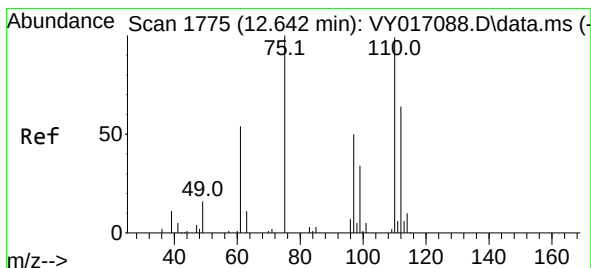
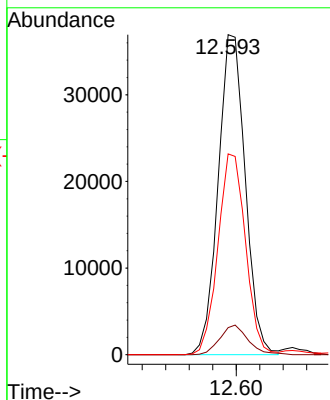
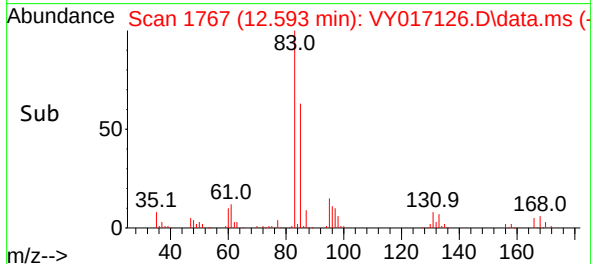
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



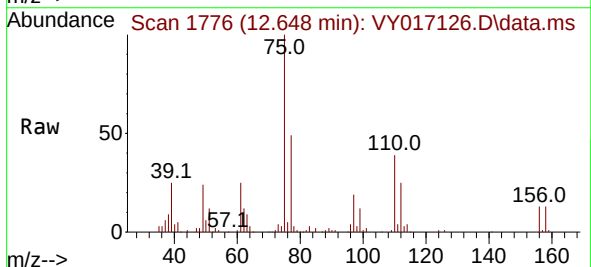
Tgt Ion: 83 Resp: 5919
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.6
85 63.8 32.6 98.0

Manual Integrations
APPROVED

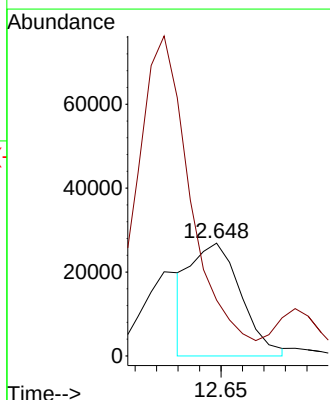
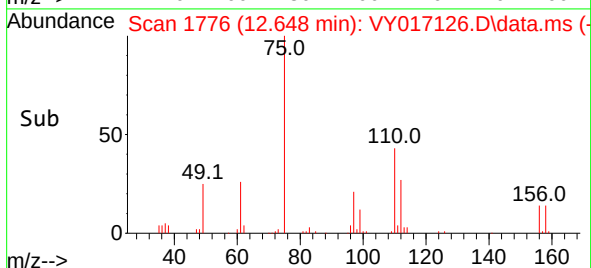
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024

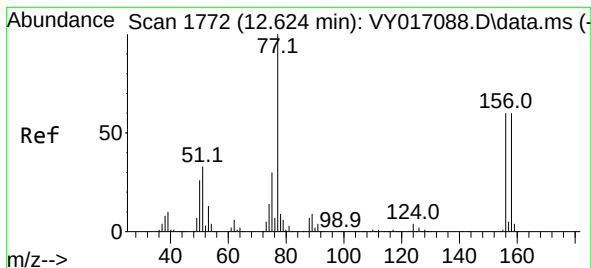


#76
1,2,3-Trichloropropane
Concen: 44.513 ug/l m
RT: 12.648 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27



Tgt Ion: 75 Resp: 43935
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.451 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.007 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

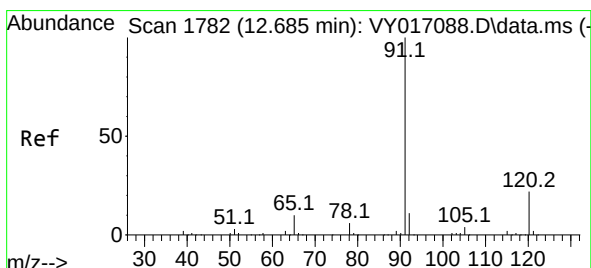
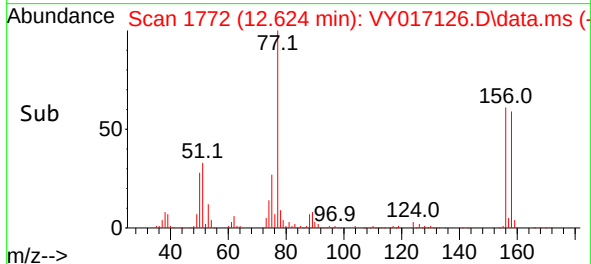
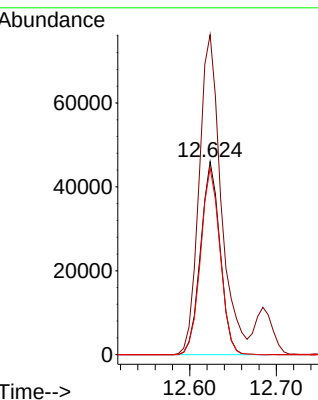
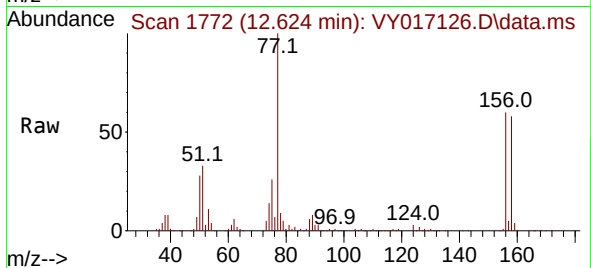
Tgt Ion:156 Resp: 71530

Ion	Ratio	Lower	Upper
156	100		
77	188.2	97.3	291.8
158	96.9	48.4	145.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#78

n-propylbenzene

Concen: 51.594 ug/l

RT: 12.684 min Scan# 1782

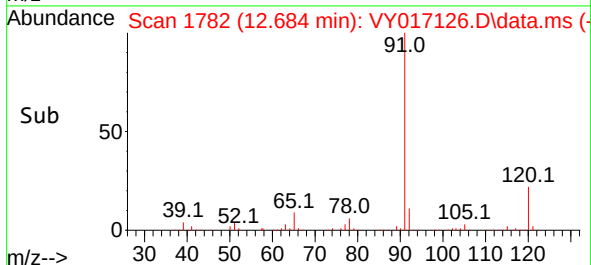
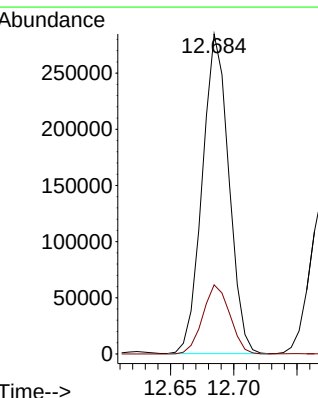
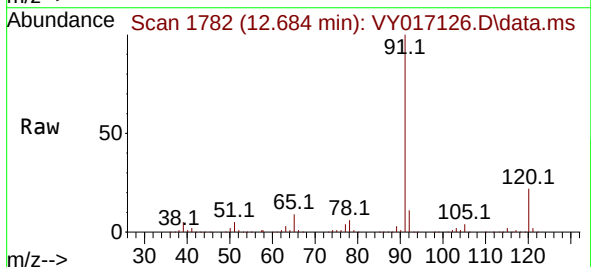
Delta R.T. 0.006 min

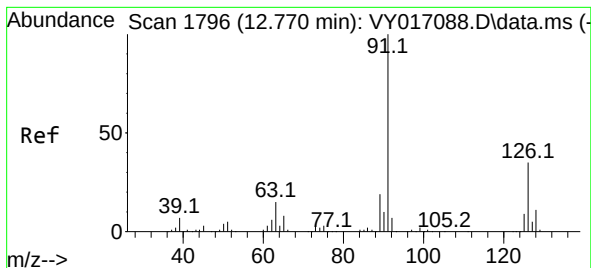
Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Tgt Ion: 91 Resp: 414838

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.0	33.0





#79

2-Chlorotoluene

Concen: 50.109 ug/l

RT: 12.770 min Scan# 1796

Delta R.T. 0.007 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 22109

Ion Ratio Lower Upper

91 100

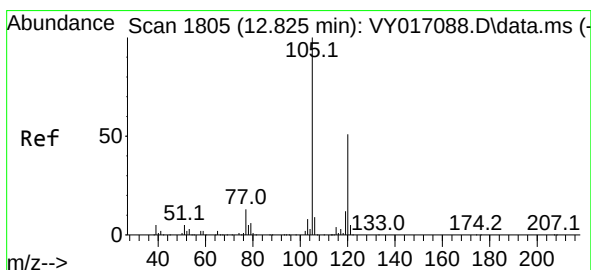
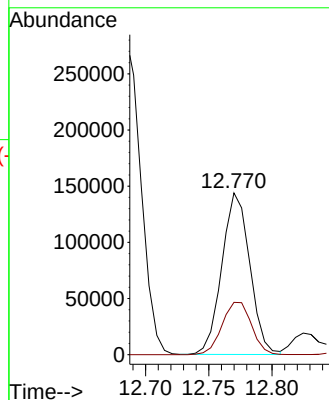
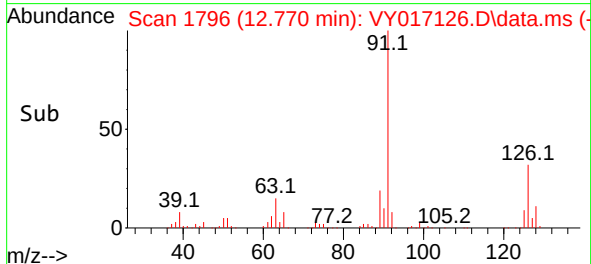
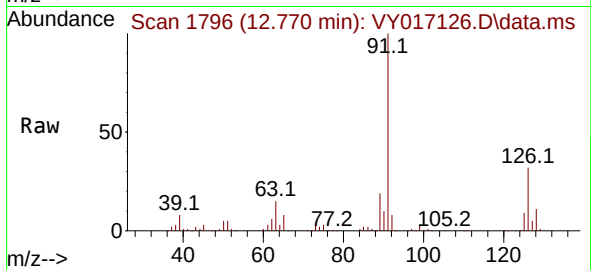
126 34.3 17.0 51.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024

Supervised By :Semsettin Yesilyurt 01/30/2024



#80

1,3,5-Trimethylbenzene

Concen: 51.220 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.007 min

Lab File: VY017126.D

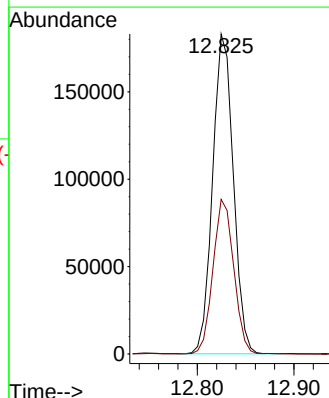
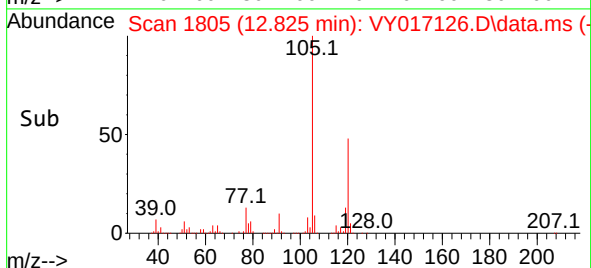
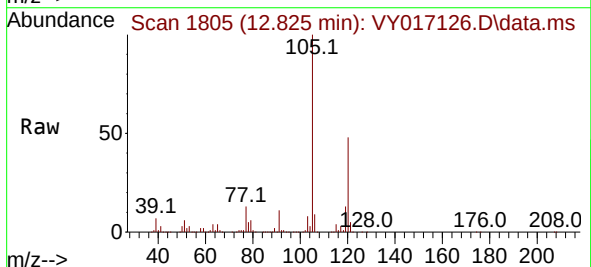
Acq: 29 Jan 2024 10:27

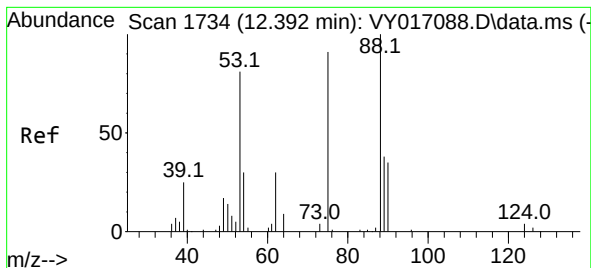
Tgt Ion:105 Resp: 270989

Ion Ratio Lower Upper

105 100

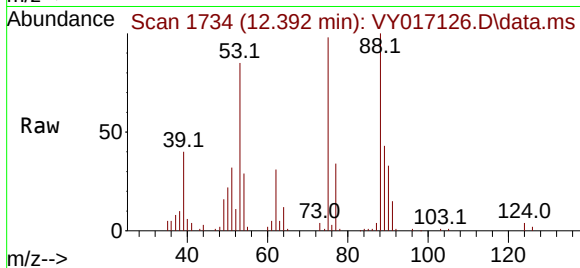
120 48.7 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 45.266 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.007 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

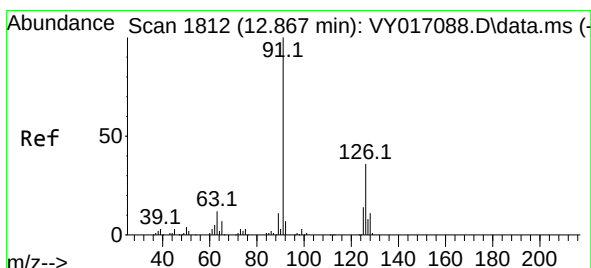
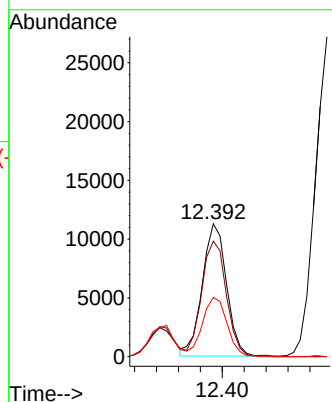
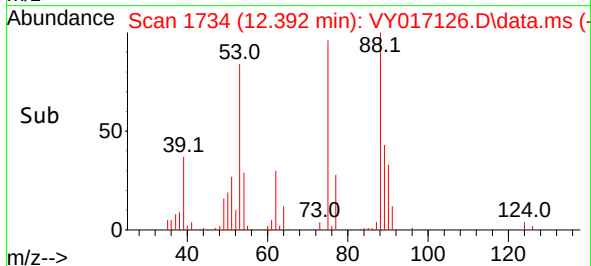
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 1725
Ion Ratio Lower Upper
75 100
53 89.0 74.0 111.0
89 45.5 36.5 54.7

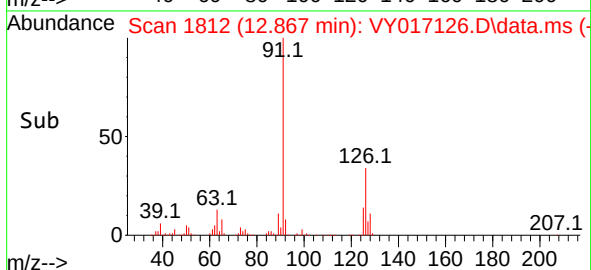
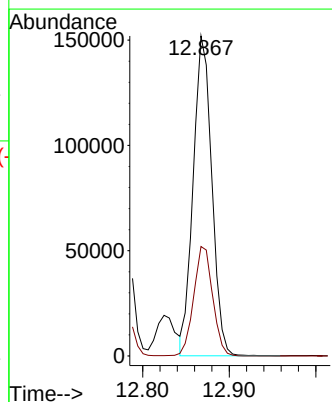
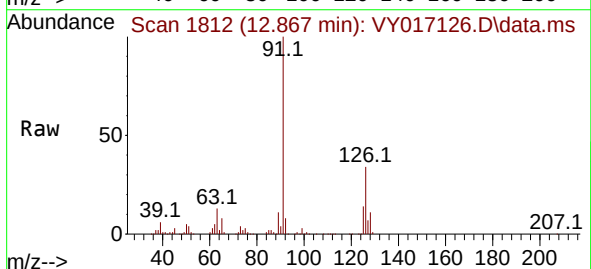
Manual Integrations
APPROVED

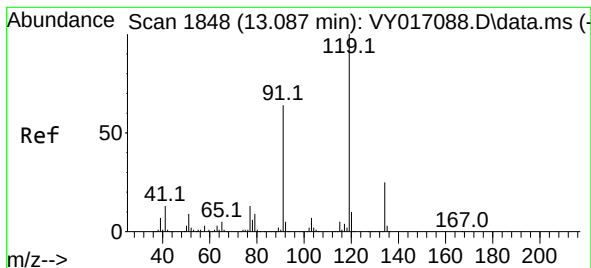
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#82
4-Chlorotoluene
Concen: 49.527 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

Tgt Ion: 91 Resp: 226479
Ion Ratio Lower Upper
91 100
126 35.0 17.1 51.2





#83

tert-Butylbenzene

Concen: 50.782 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. -0.000 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

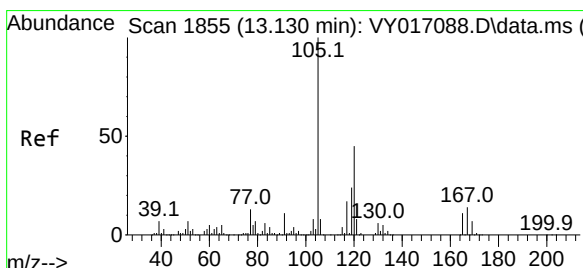
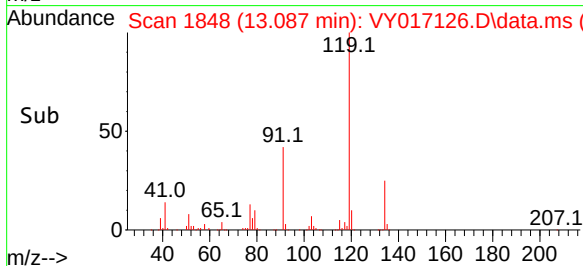
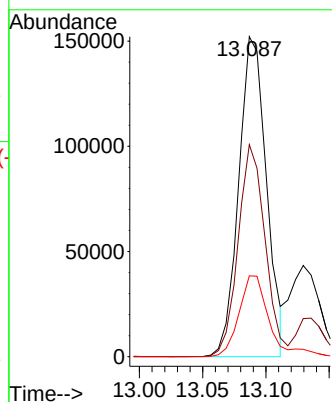
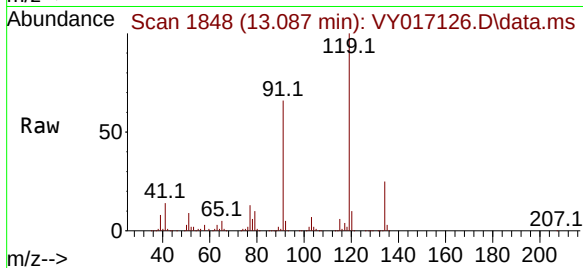
VSTDCCC050

Tgt Ion:	119	Resp:	232394
Ion Ratio	Lower	Upper	
119	100		
91	64.5	31.5	94.5
134	27.6	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#84

1,2,4-Trimethylbenzene

Concen: 50.672 ug/l

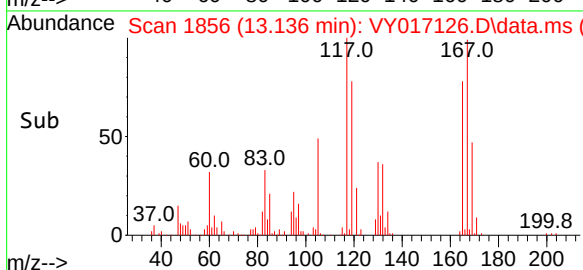
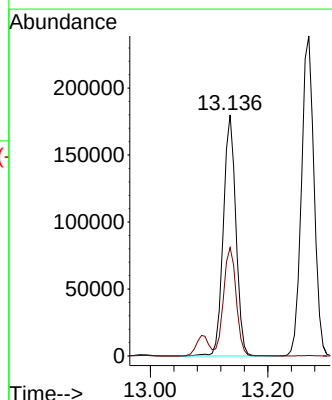
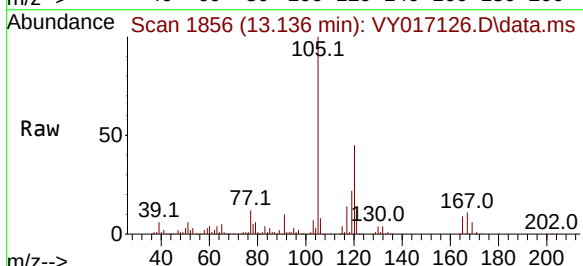
RT: 13.136 min Scan# 1856

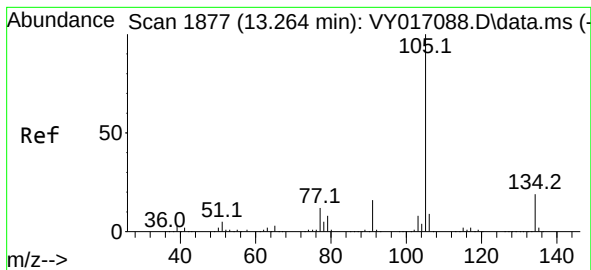
Delta R.T. 0.007 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Tgt Ion:	105	Resp:	266451
Ion Ratio	Lower	Upper	
105	100		
120	45.6	22.1	66.3





#85

sec-Butylbenzene

Concen: 52.123 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.007 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 35319

Ion Ratio Lower Upper

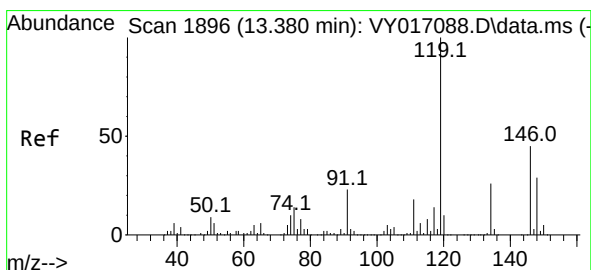
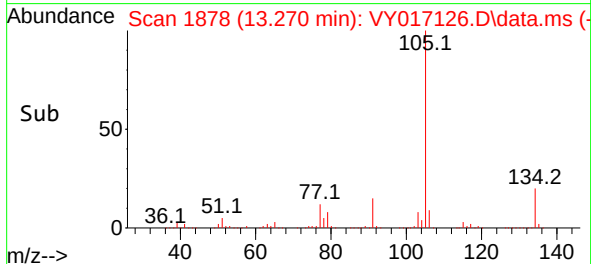
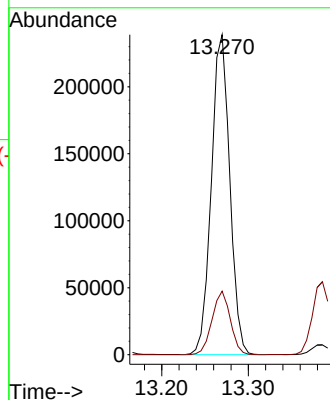
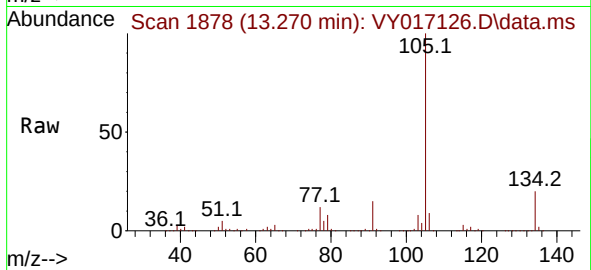
105 100

134 19.6 9.7 28.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#86

p-Isopropyltoluene

Concen: 52.440 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. 0.007 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

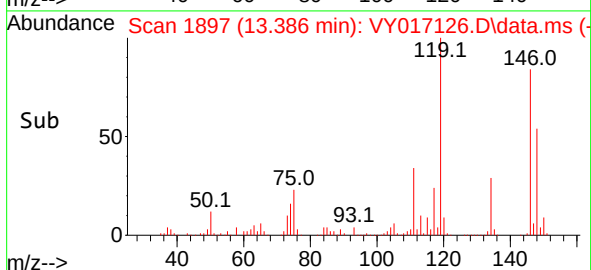
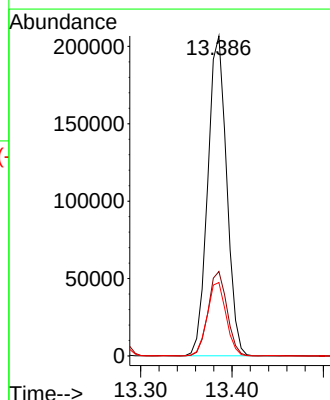
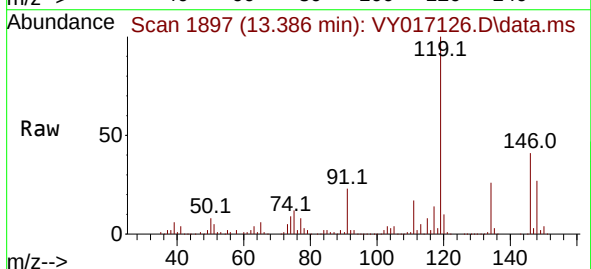
Tgt Ion:119 Resp: 295992

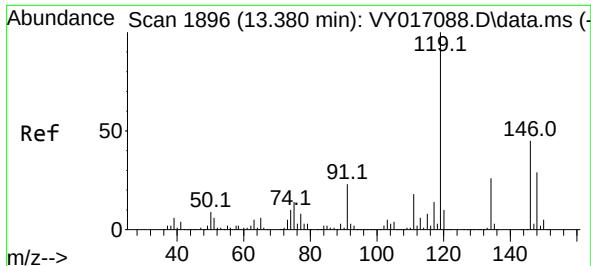
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 23.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 48.951 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

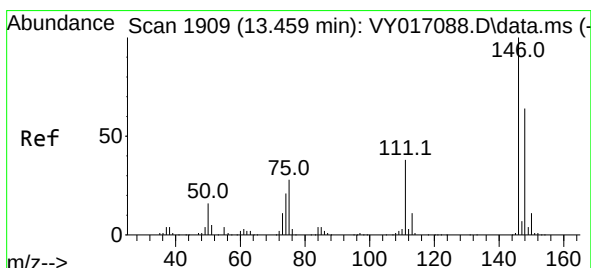
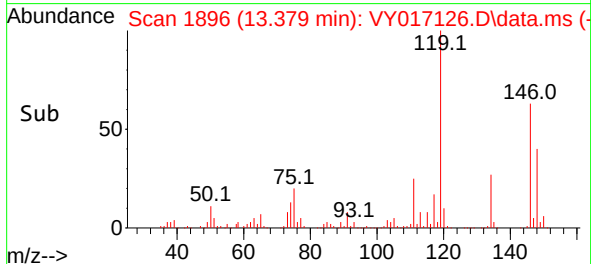
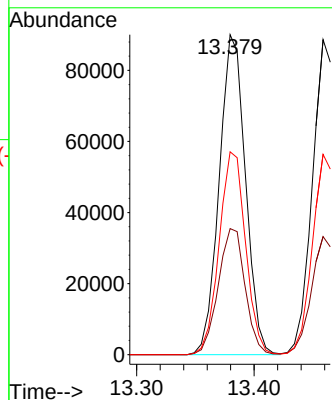
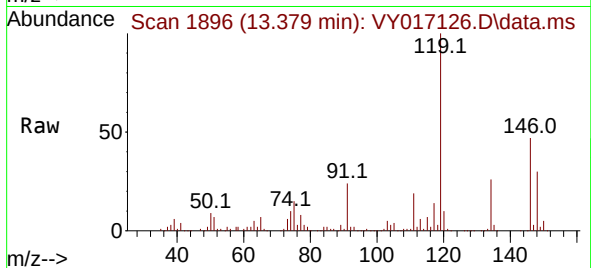
VSTDCCC050

Tgt Ion:146 Resp: 139795
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.2 60.5
 148 63.8 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
 Supervised By :Semsettin Yesilyurt 01/30/2024



#88

1,4-Dichlorobenzene

Concen: 48.542 ug/l

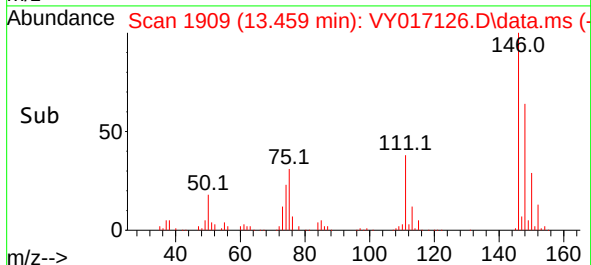
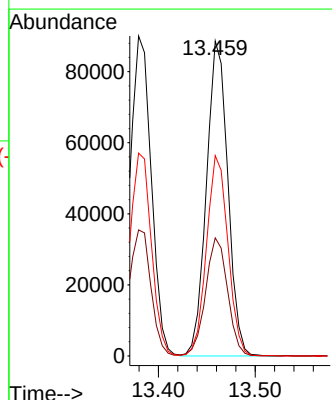
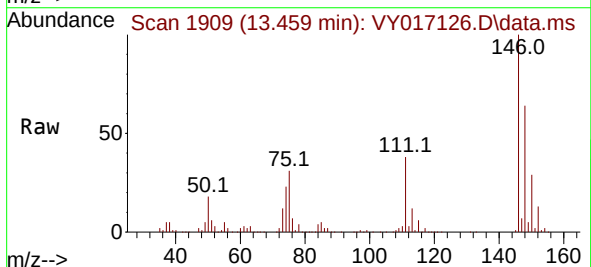
RT: 13.459 min Scan# 1909

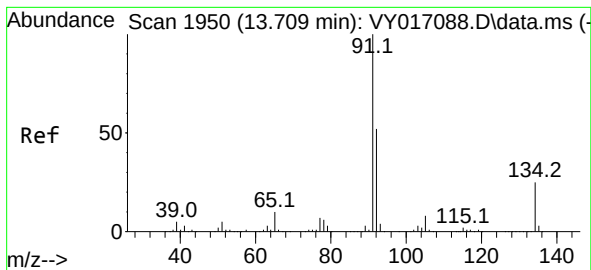
Delta R.T. 0.007 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

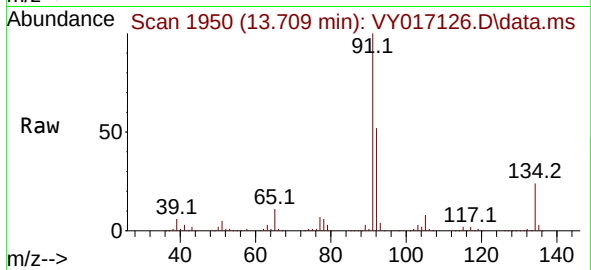
Tgt Ion:146 Resp: 136395
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.9
 148 63.9 31.6 94.7





#89
n-Butylbenzene
Concen: 52.249 ug/l
RT: 13.709 min Scan# 1950
Delta R.T. 0.007 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

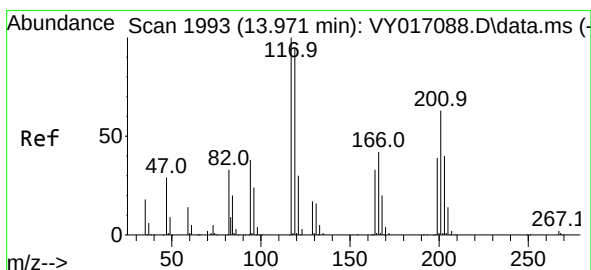
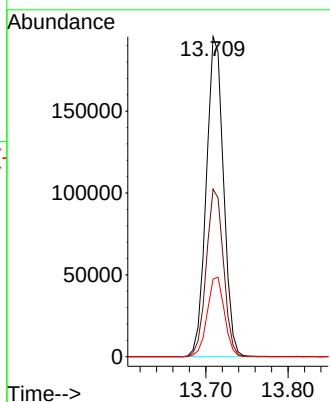
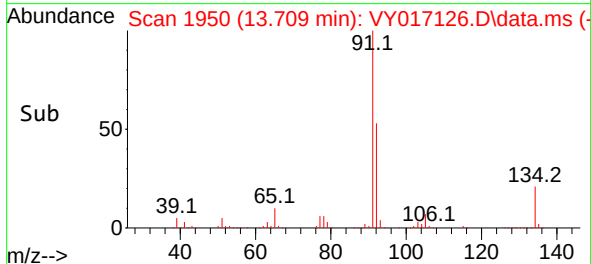
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 28446
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.2
134 24.9 12.3 36.8

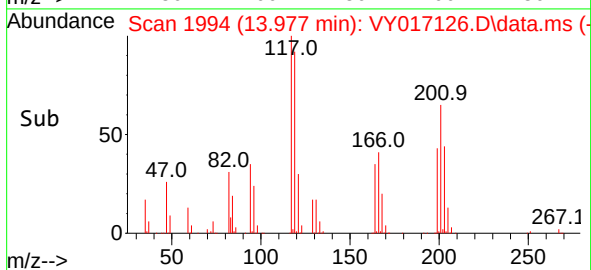
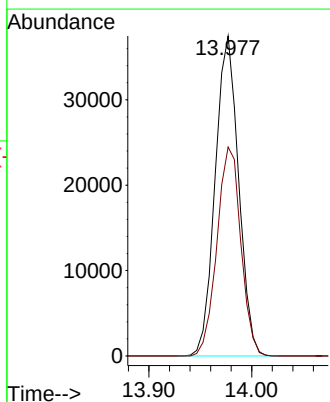
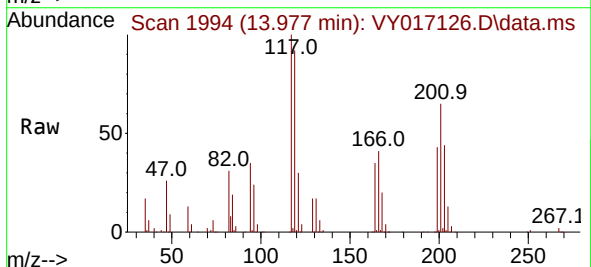
Manual Integrations
APPROVED

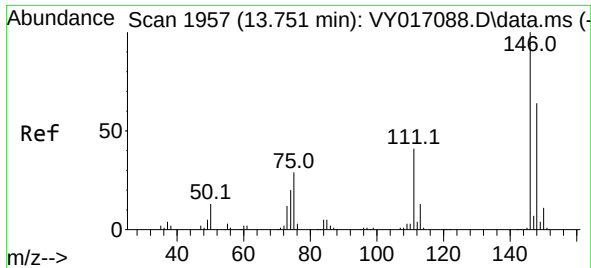
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#90
Hexachloroethane
Concen: 50.290 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

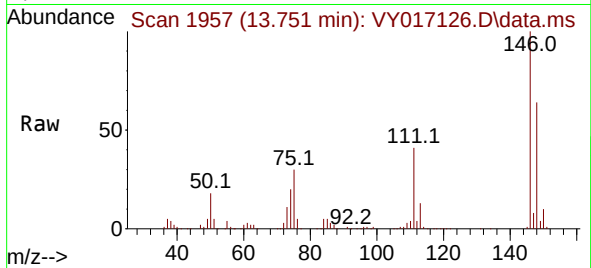
Tgt Ion:117 Resp: 59164
Ion Ratio Lower Upper
117 100
201 66.7 33.4 100.1





#91
1,2-Dichlorobenzene
Concen: 48.815 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27

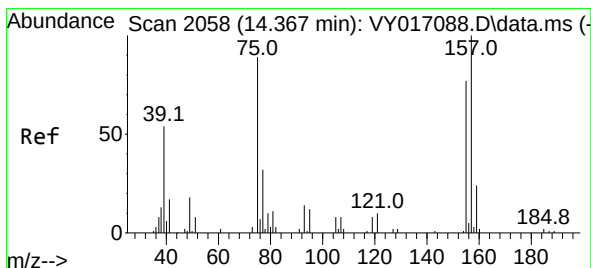
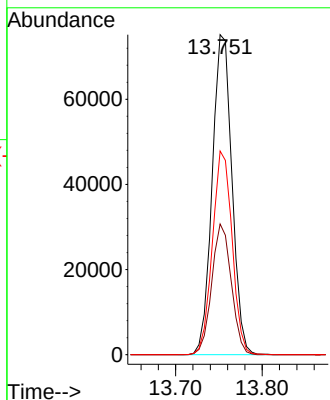
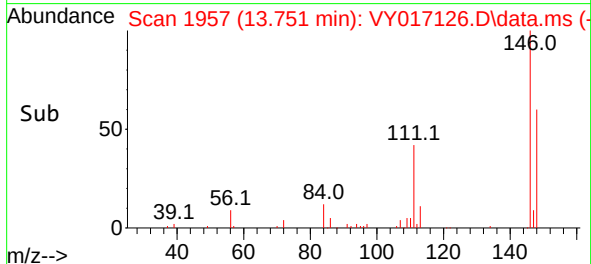
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



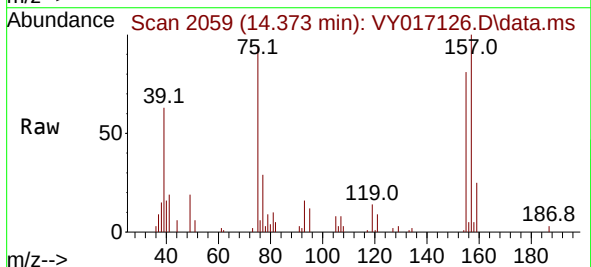
Tgt Ion:146 Resp: 119052
Ion Ratio Lower Upper
146 100
111 40.4 20.5 61.6
148 63.5 31.4 94.3

Manual Integrations
APPROVED

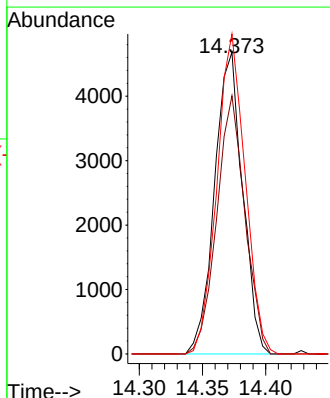
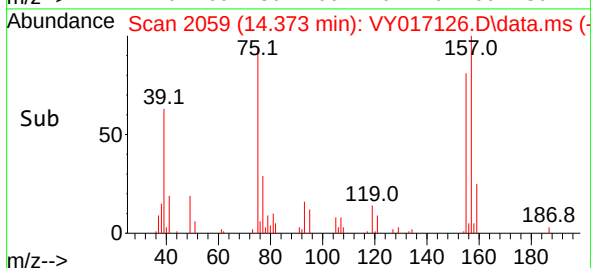
Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024

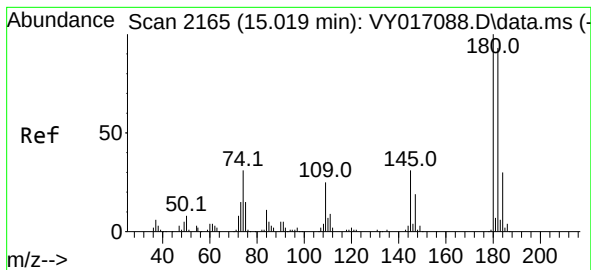


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.145 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY017126.D
Acq: 29 Jan 2024 10:27



Tgt Ion: 75 Resp: 7187
Ion Ratio Lower Upper
75 100
155 86.4 42.1 126.3
157 107.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 47.539 ug/l

RT: 15.026 min Scan# 2166

Delta R.T. 0.007 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

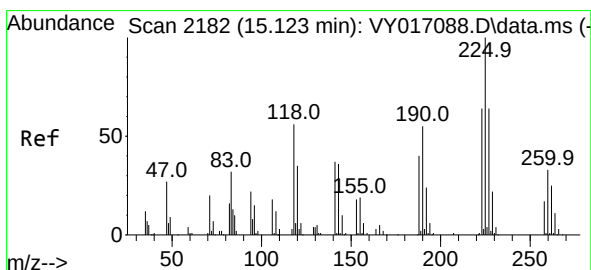
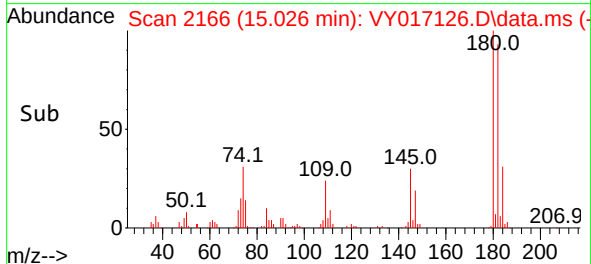
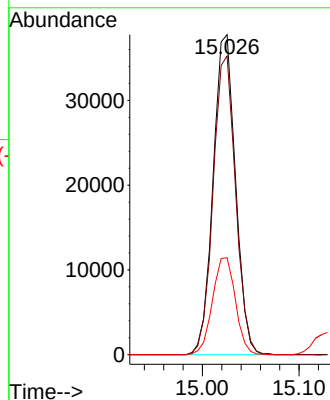
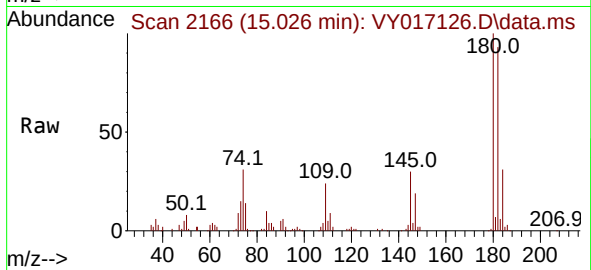
VSTDCCC050

Tgt Ion:180	Resp: 6058
Ion Ratio	Lower Upper
180 100	
182 94.0	47.9 143.7
145 31.1	15.9 47.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#94

Hexachlorobutadiene

Concen: 48.344 ug/l

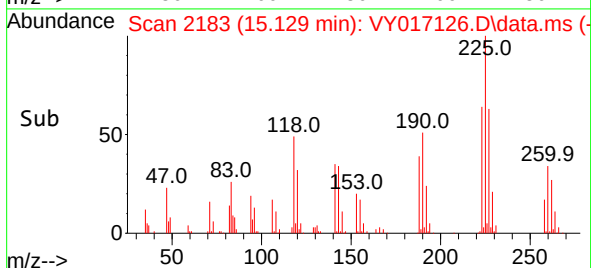
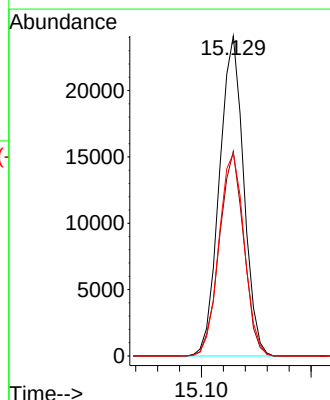
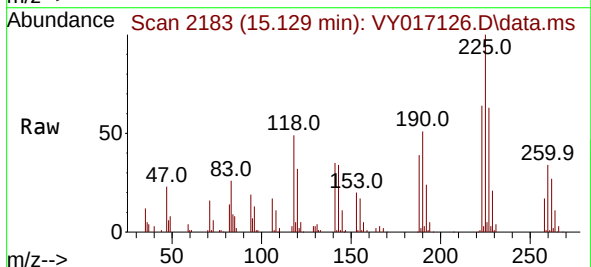
RT: 15.129 min Scan# 2183

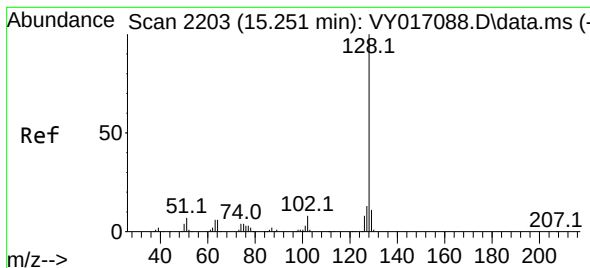
Delta R.T. 0.006 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Tgt Ion:225	Resp: 37081
Ion Ratio	Lower Upper
225 100	
223 64.3	31.4 94.3
227 65.9	32.3 96.8





#95

Naphthalene

Concen: 45.357 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Instrument :

MSVOA_Y

ClientSampleId :

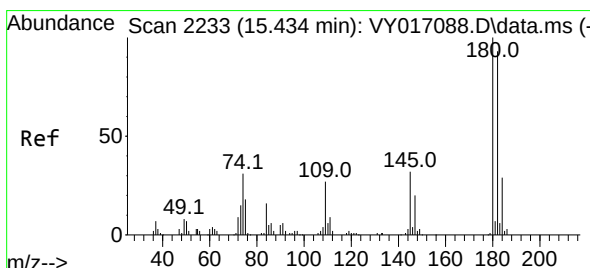
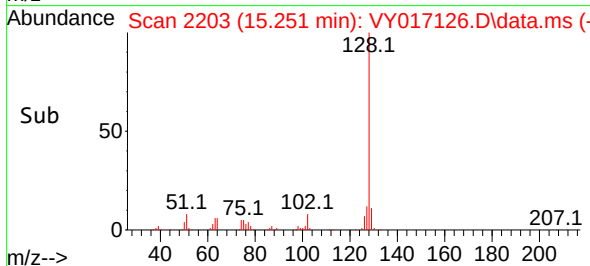
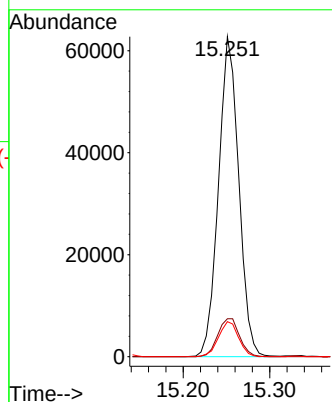
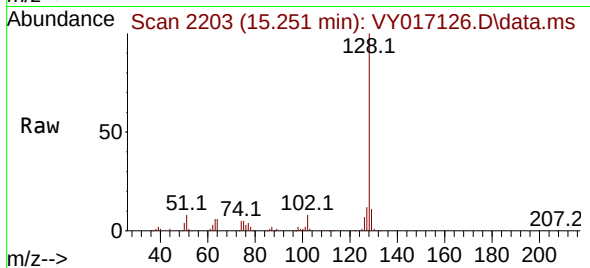
VSTDCCC050

Tgt Ion:	128	Resp:	10209
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
Supervised By :Semsettin Yesilyurt 01/30/2024



#96

1,2,3-Trichlorobenzene

Concen: 45.916 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY017126.D

Acq: 29 Jan 2024 10:27

Tgt Ion:	180	Resp:	48685
Ion Ratio	Lower	Upper	
180	100		
182	95.5	46.3	138.8
145	33.0	16.1	48.2

