

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016477.D
 Acq On : 24 Nov 2023 11:53
 Operator : SY/MD
 Sample : VY1124SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1124SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023
 Supervised By :Semsettin Yesilyurt 11/27/2023

Quant Time: Nov 27 04:43:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	159859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	248143	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	217091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70463	48.228	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.460%		
35) Dibromofluoromethane	7.722	113	79952	56.719	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	113.440%		
50) Toluene-d8	10.185	98	298606	52.238	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.480%		
62) 4-Bromofluorobenzene	12.489	95	100076	53.904	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	107.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34736	22.191	ug/l	97
3) Chloromethane	2.113	50	34735	18.948	ug/l	95
4) Vinyl Chloride	2.253	62	38046	19.301	ug/l	94
5) Bromomethane	2.650	94	25700	19.838	ug/l	93
6) Chloroethane	2.796	64	23759	18.889	ug/l	97
7) Trichlorofluoromethane	3.125	101	62581	21.821	ug/l	99
8) Diethyl Ether	3.527	74	16823	19.627	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	35002	20.263	ug/l	98
10) Methyl Iodide	4.094	142	40698	21.815	ug/l	98
11) Tert butyl alcohol	4.954	59	10127	88.514	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	32874	20.350	ug/l	85
13) Acrolein	3.735	56	8913	64.587	ug/l	99
14) Allyl chloride	4.485	41	40204	17.538	ug/l #	89
15) Acrylonitrile	5.161	53	31195	91.707	ug/l	97
16) Acetone	3.948	43	29882	123.645	ug/l	90
17) Carbon Disulfide	4.198	76	100442	20.607	ug/l	99
18) Methyl Acetate	4.479	43	21572	16.798	ug/l #	83
19) Methyl tert-butyl Ether	5.222	73	73768	18.867	ug/l	98
20) Methylene Chloride	4.722	84	41457	22.358	ug/l #	81
21) trans-1,2-Dichloroethene	5.228	96	37808	20.327	ug/l	88
22) Diisopropyl ether	6.118	45	86254	17.459	ug/l #	88
23) Vinyl Acetate	6.064	43	204308	85.347	ug/l #	88
24) 1,1-Dichloroethane	6.021	63	59245	19.438	ug/l #	95
25) 2-Butanone	6.984	43	42657	100.771	ug/l #	85
26) 2,2-Dichloropropane	6.990	77	55916	20.158	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	40729	20.319	ug/l	86
28) Bromochloromethane	7.338	49	20273	17.972	ug/l #	71
29) Tetrahydrofuran	7.350	42	23645	84.509	ug/l #	81
30) Chloroform	7.515	83	64097	20.204	ug/l	98
31) Cyclohexane	7.789	56	52656	18.305	ug/l #	79
32) 1,1,1-Trichloroethane	7.704	97	60806	20.909	ug/l	95
36) 1,1-Dichloropropene	7.917	75	50636	20.688	ug/l	98
37) Ethyl Acetate	7.076	43	17168	17.359	ug/l #	89
38) Carbon Tetrachloride	7.905	117	56487	22.236	ug/l	96
39) Methylcyclohexane	9.185	83	61849	20.279	ug/l	90
40) Benzene	8.167	78	142651	20.744	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	8932	17.912	ug/l #	88
42) 1,2-Dichloroethane	8.240	62	36549	20.512	ug/l	91
43) Isopropyl Acetate	8.277	43	32735	17.124	ug/l #	83
44) Trichloroethene	8.947	130	43154	21.835	ug/l	93
45) 1,2-Dichloropropane	9.215	63	33323	20.177	ug/l	98
46) Dibromomethane	9.307	93	18794	21.000	ug/l	97
47) Bromodichloromethane	9.502	83	48737	21.182	ug/l	99
48) Methyl methacrylate	9.295	41	17151	16.234	ug/l #	75
49) 1,4-Dioxane	9.313	88	3725	392.050	ug/l #	60
51) 4-Methyl-2-Pentanone	10.075	43	83001	85.861	ug/l #	84
52) Toluene	10.246	92	92702	21.326	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	45251	20.287	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	54242	20.360	ug/l #	85
55) 1,1,2-Trichloroethane	10.648	97	26385	21.390	ug/l	96
56) Ethyl methacrylate	10.514	69	23329	20.035	ug/l #	75
57) 1,3-Dichloropropane	10.794	76	42669	20.293	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	72479	91.797	ug/l #	89
59) 2-Hexanone	10.837	43	69813	97.091	ug/l	82
60) Dibromochloromethane	10.990	129	34427	22.316	ug/l	99
61) 1,2-Dibromoethane	11.093	107	25352	21.573	ug/l	98
64) Tetrachloroethene	10.721	164	43558	22.346	ug/l	96
65) Chlorobenzene	11.520	112	98643	21.268	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	38124	22.285	ug/l	99
67) Ethyl Benzene	11.599	91	174930	20.986	ug/l	97
68) m/p-Xylenes	11.709	106	135556	42.875	ug/l	94
69) o-Xylene	12.032	106	63220	21.537	ug/l	95
70) Styrene	12.050	104	91458	21.759	ug/l	96
71) Bromoform	12.215	173	20110	22.655	ug/l #	98
73) Isopropylbenzene	12.337	105	172226	20.155	ug/l	99
74) N-amyl acetate	12.148	43	27575	16.066	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.587	83	26670	19.451	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	19798m	19.558	ug/l	
77) Bromobenzene	12.617	156	40505	20.973	ug/l	90
78) n-propylbenzene	12.678	91	201864	19.990	ug/l	98
79) 2-Chlorotoluene	12.764	91	111507	20.037	ug/l	97
80) 1,3,5-Trimethylbenzene	12.818	105	141831	20.587	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	9114	19.543	ug/l	88
82) 4-Chlorotoluene	12.861	91	117039	20.353	ug/l	99
83) tert-Butylbenzene	13.081	119	124268	20.479	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	139722	20.597	ug/l	97
85) sec-Butylbenzene	13.257	105	177135	20.433	ug/l	98
86) p-Isopropyltoluene	13.373	119	156266	20.934	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	78372	21.093	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	76915	21.182	ug/l	99
89) n-Butylbenzene	13.702	91	138768	20.129	ug/l	97
90) Hexachloroethane	13.965	117	29340	20.375	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	67323	21.145	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4078	18.694	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	41013	22.069	ug/l	98
94) Hexachlorobutadiene	15.117	225	24625	23.129	ug/l	97
95) Naphthalene	15.239	128	67771	20.390	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	32712	21.281	ug/l	99

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

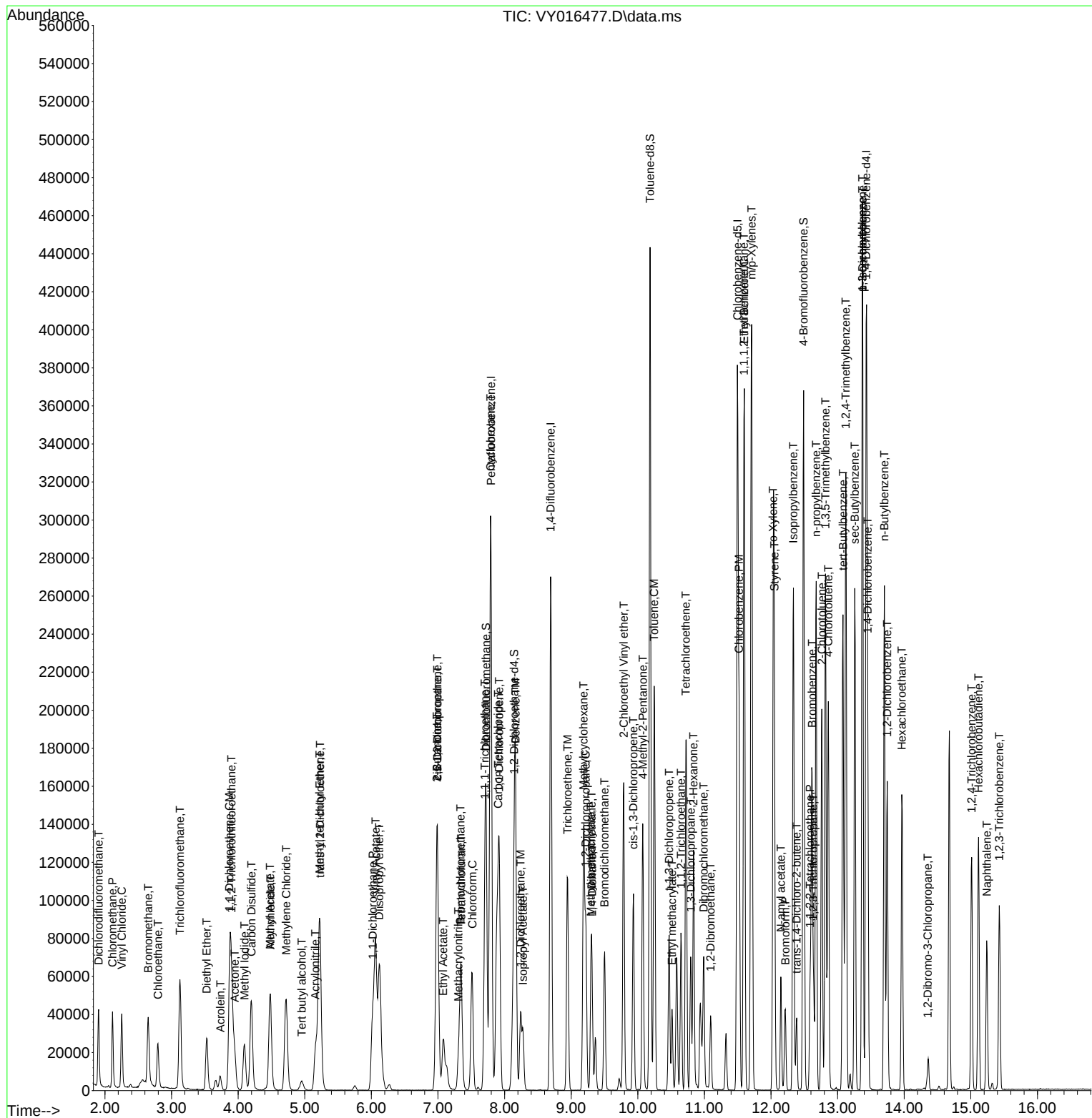
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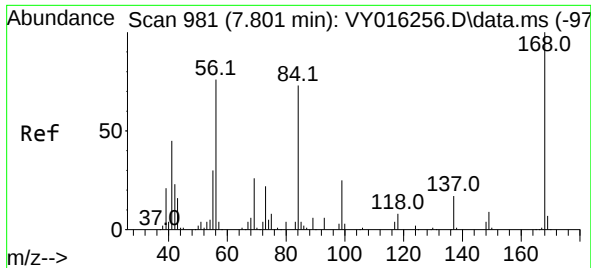
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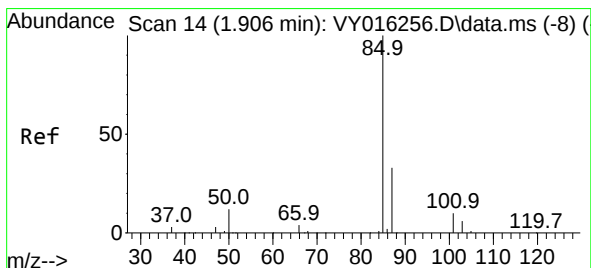
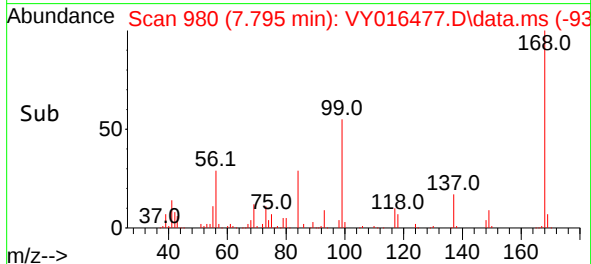
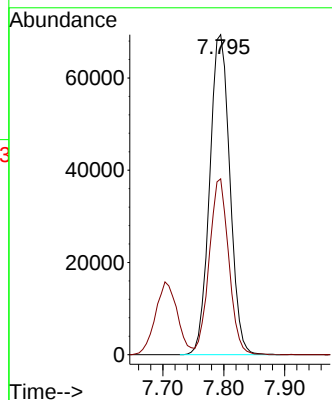
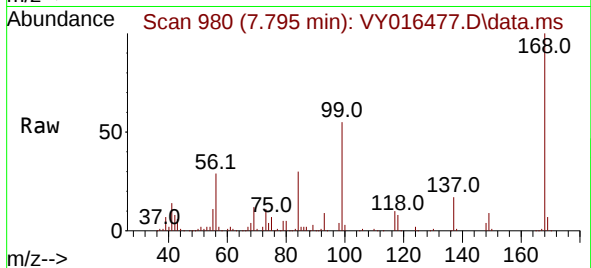
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016477.D
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Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 15985
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0

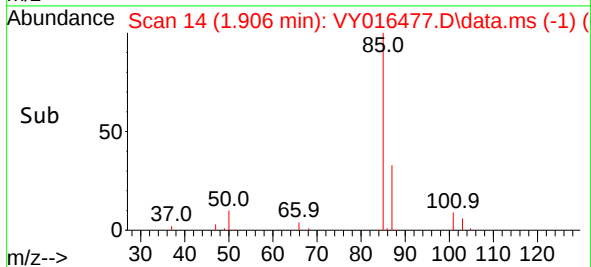
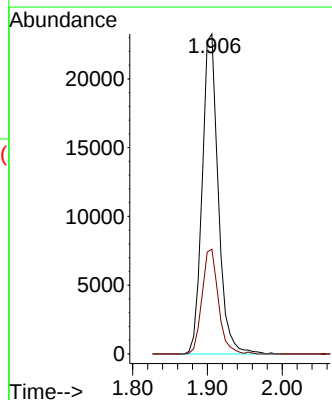
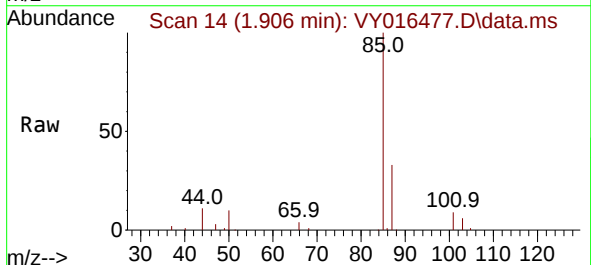
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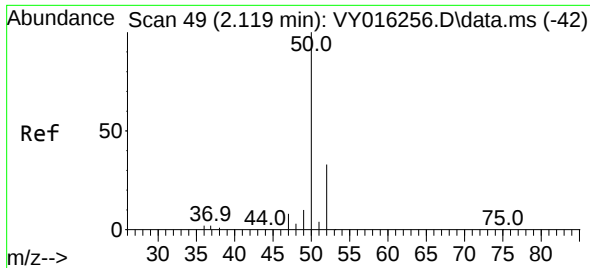
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#2
Dichlorodifluoromethane
Concen: 22.191 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

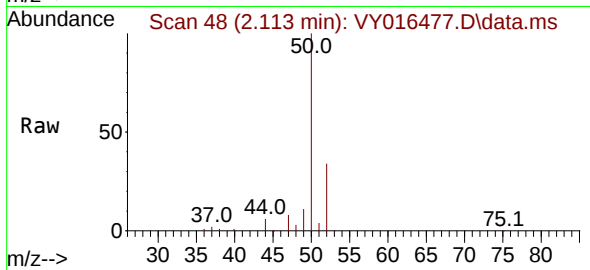
Tgt Ion: 85 Resp: 34736
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.8





#3
Chloromethane
Concen: 18.948 ug/l
RT: 2.113 min Scan# 49
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

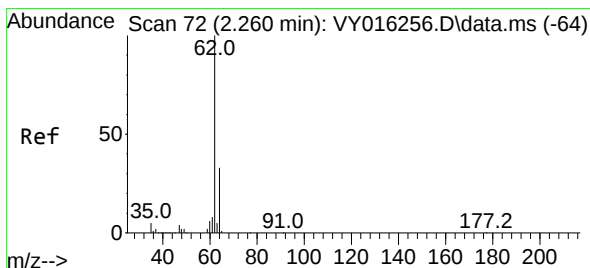
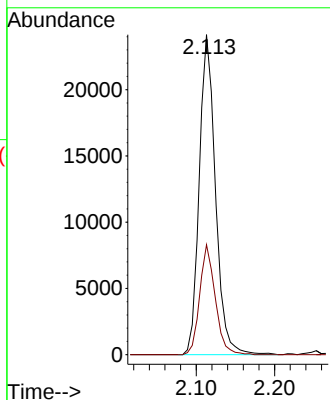
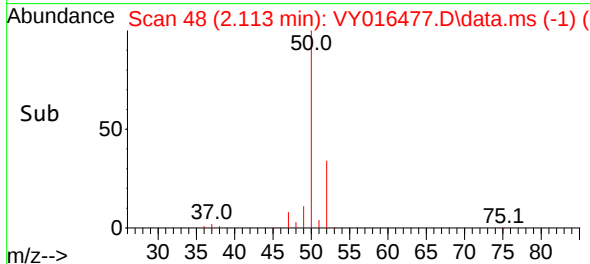
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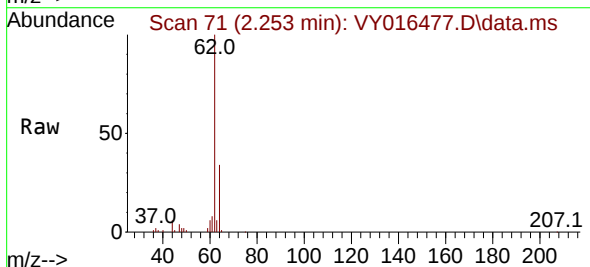
Tgt Ion: 50 Resp: 3473
Ion Ratio Lower Upper
50 100
52 34.4 25.4 38.2

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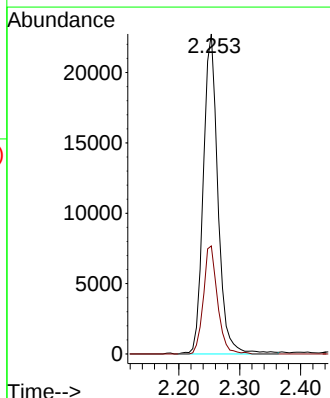
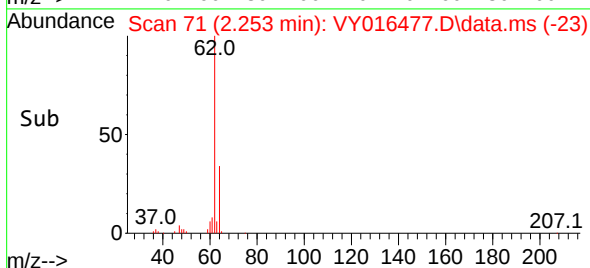
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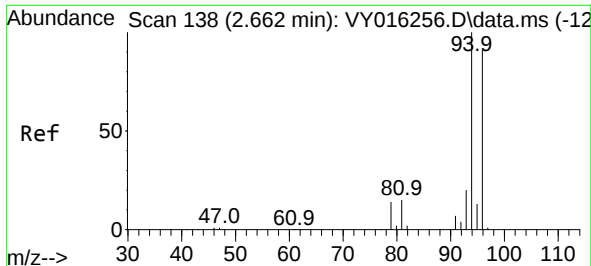


#4
Vinyl Chloride
Concen: 19.301 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53



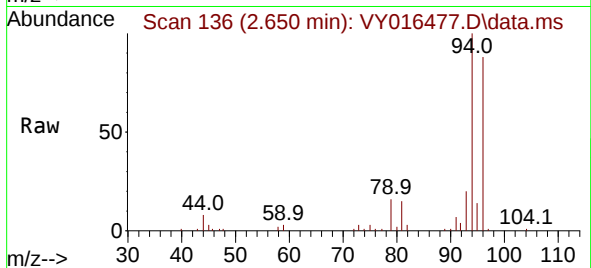
Tgt Ion: 62 Resp: 38046
Ion Ratio Lower Upper
62 100
64 33.8 24.3 36.5





#5
Bromomethane
Concen: 19.838 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016477.D
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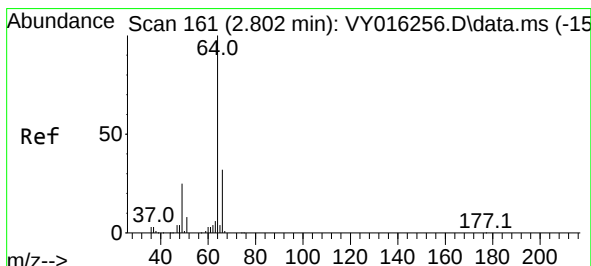
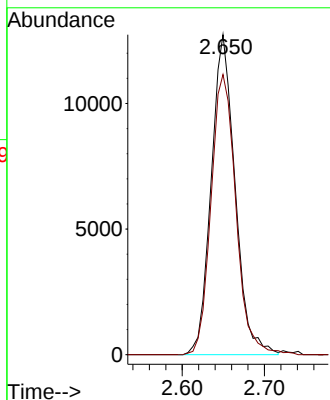
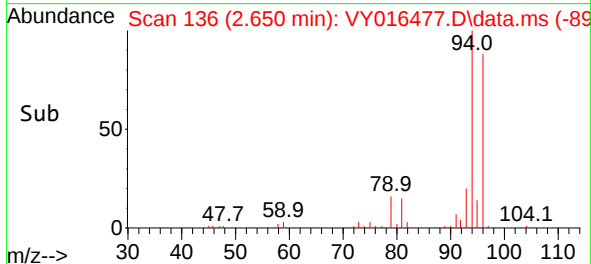
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Tgt Ion: 94 Resp: 25700
Ion Ratio Lower Upper
94 100
96 87.6 75.8 113.6

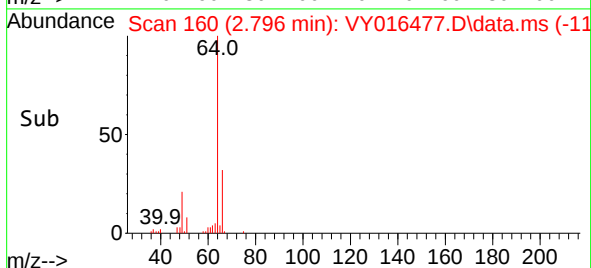
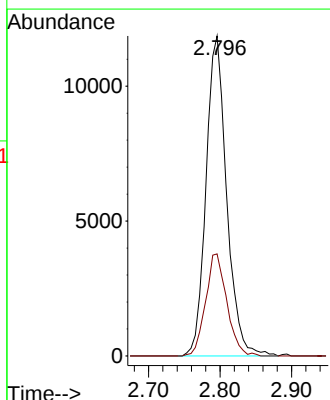
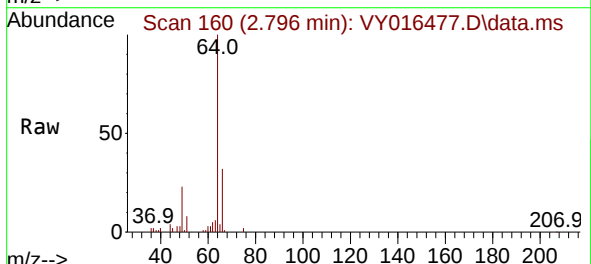
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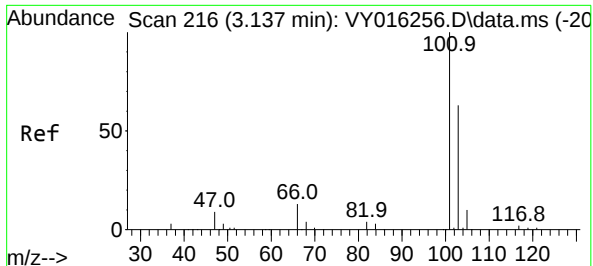
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#6
Chloroethane
Concen: 18.889 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

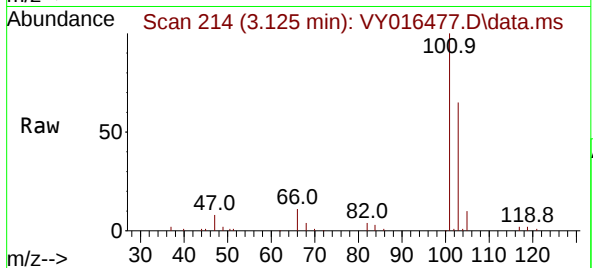
Tgt Ion: 64 Resp: 23759
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6





#7
Trichlorofluoromethane
Concen: 21.821 ug/l
RT: 3.125 min Scan# 216
Delta R.T. -0.012 min
Lab File: VY016477.D
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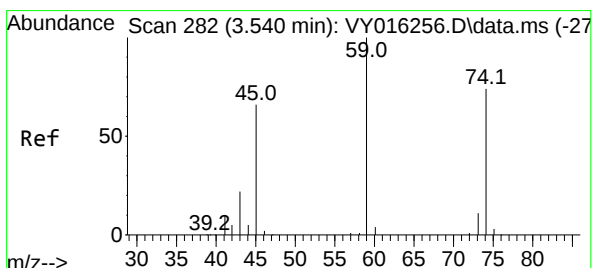
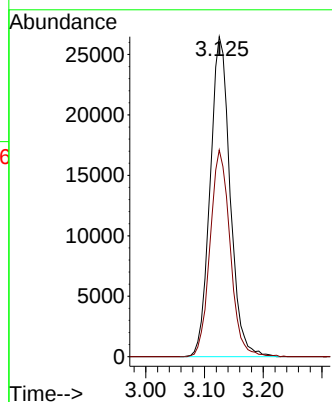
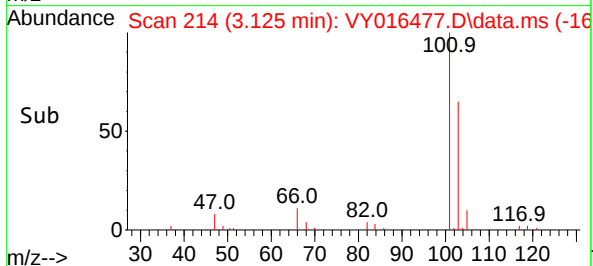
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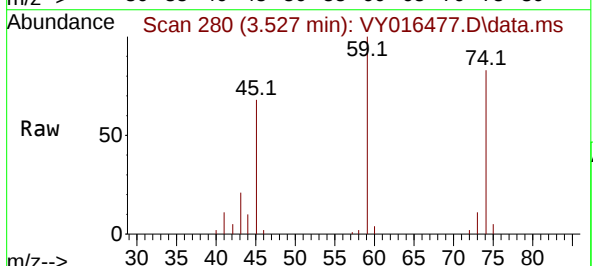
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Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.0

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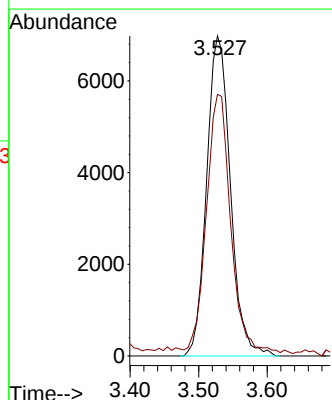
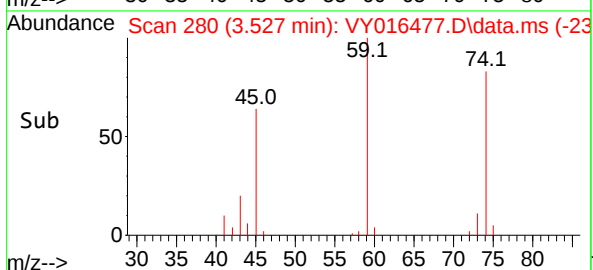
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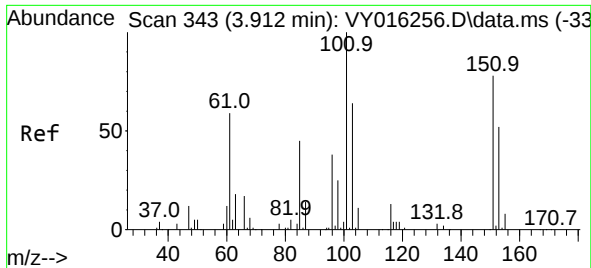


#8
Diethyl Ether
Concen: 19.627 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.012 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53



Tgt Ion: 74 Resp: 16823
Ion Ratio Lower Upper
74 100
45 82.6 51.5 154.5





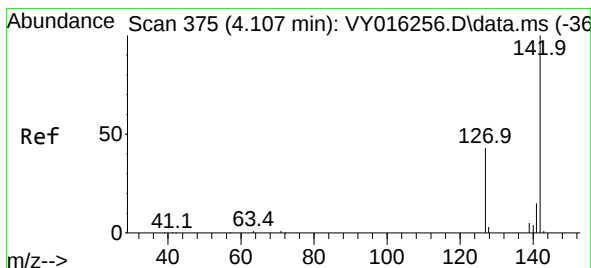
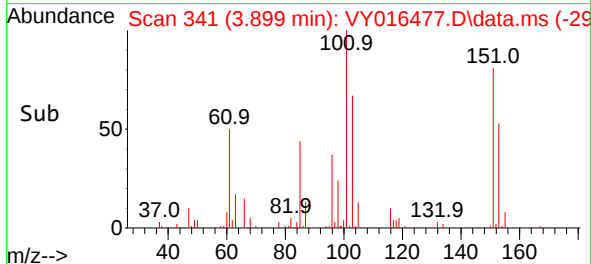
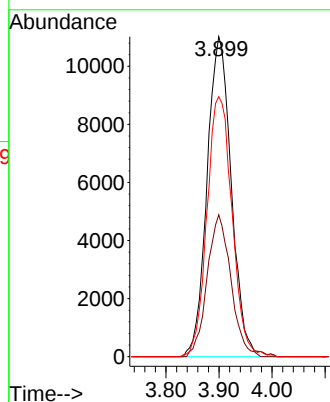
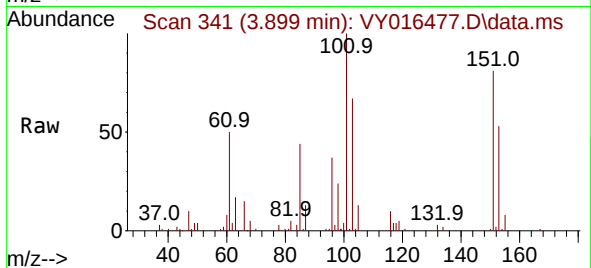
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.263 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBS01

Tgt Ion:101 Resp: 3500
Ion Ratio Lower Upper
101 100
85 43.2 36.6 55.0
151 84.1 67.0 100.6

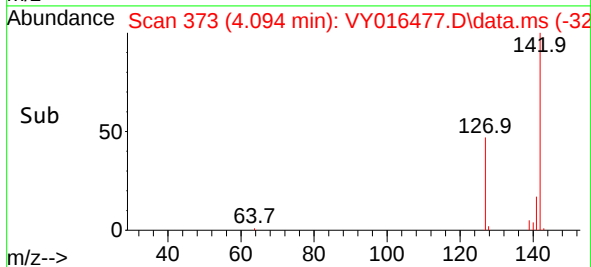
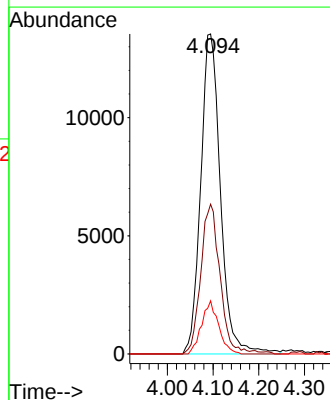
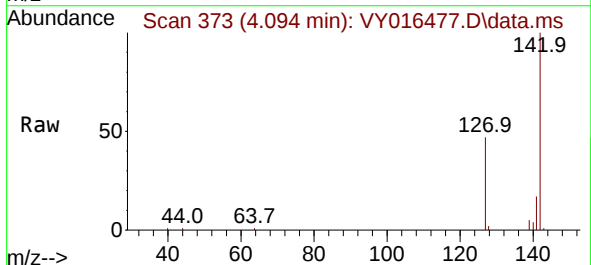
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#10
Methyl Iodide
Concen: 21.815 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Tgt Ion:142 Resp: 40698
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 14.3 11.8 17.8





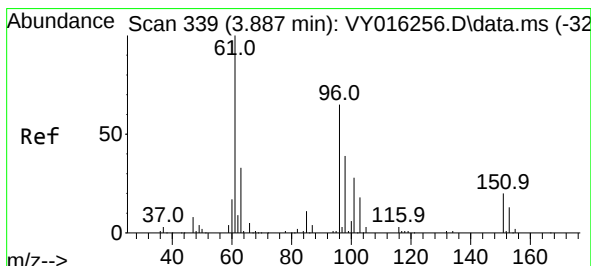
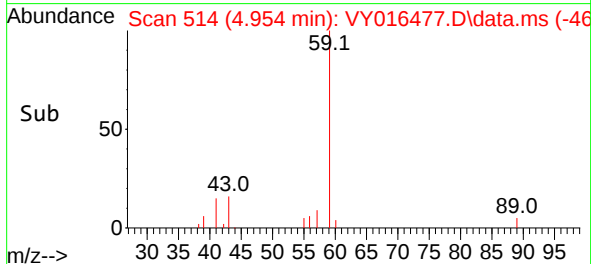
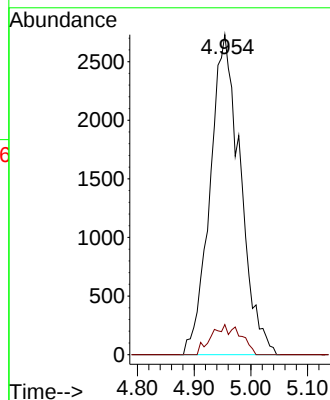
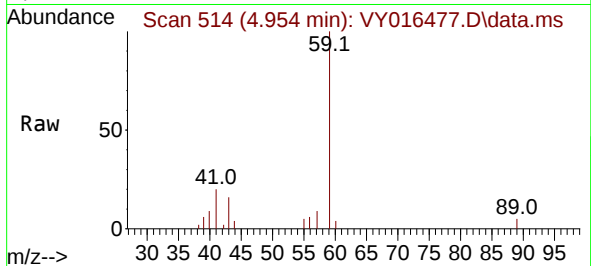
#11
Tert butyl alcohol
Concen: 88.514 ug/l
RT: 4.954 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBS01

Tgt Ion: 59 Resp: 1012
Ion Ratio Lower Upper
59 100
57 9.1 3.0 4.4

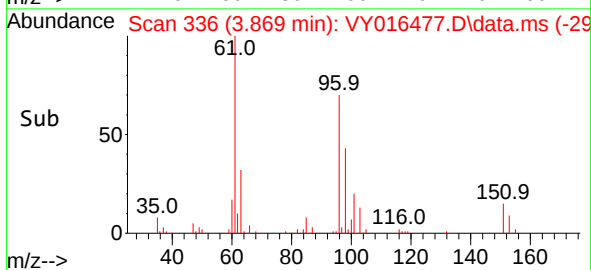
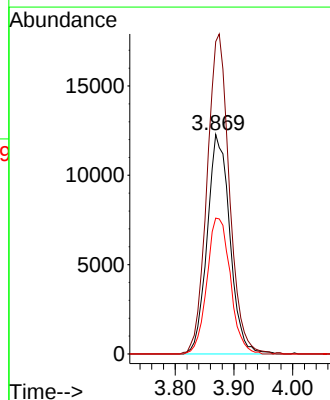
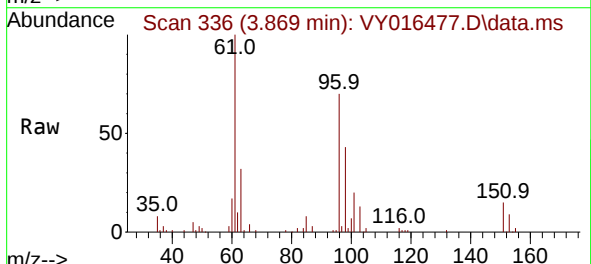
Manual Integrations
APPROVED

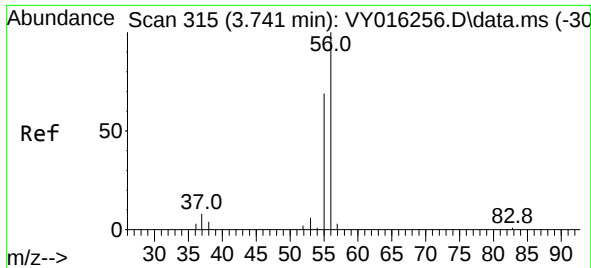
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#12
1,1-Dichloroethene
Concen: 20.350 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.018 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

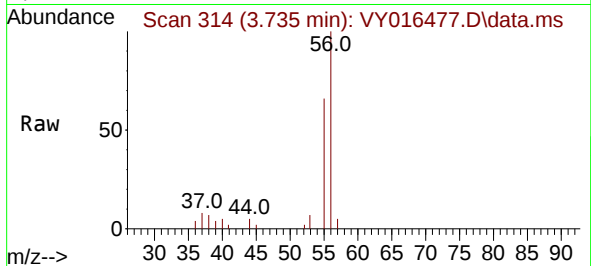
Tgt Ion: 96 Resp: 32874
Ion Ratio Lower Upper
96 100
61 142.3 136.4 204.6
98 61.9 49.4 74.2





#13
Acrolein
Concen: 64.587 ug/l
RT: 3.735 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

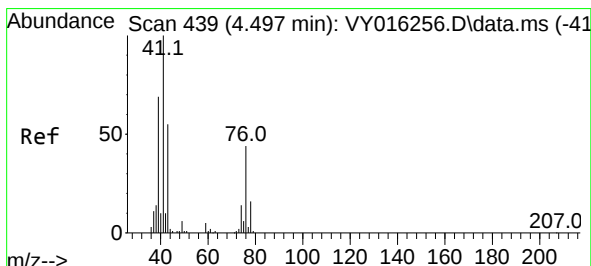
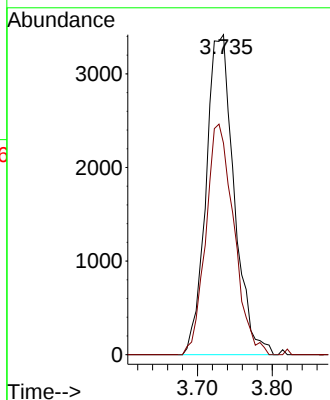
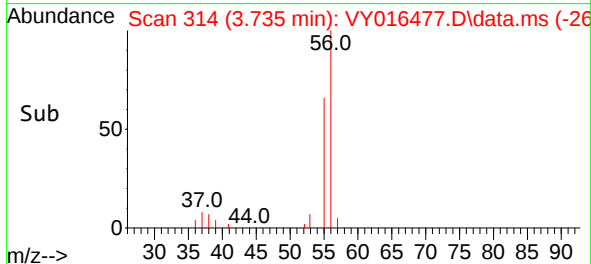
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBS01



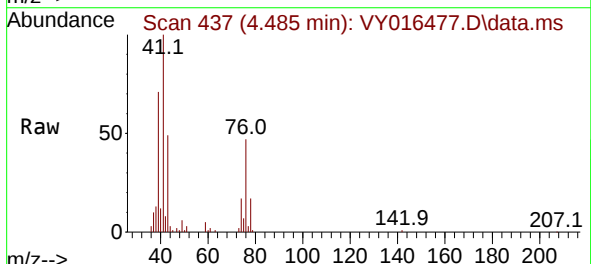
Tgt Ion: 56 Resp: 891
Ion Ratio Lower Upper
56 100
55 72.2 57.0 85.4

Manual Integrations
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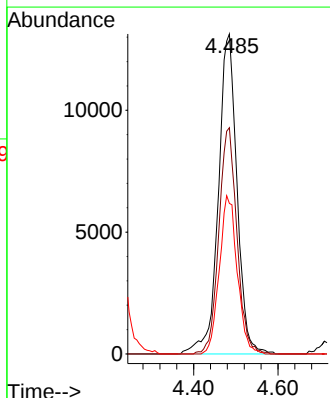
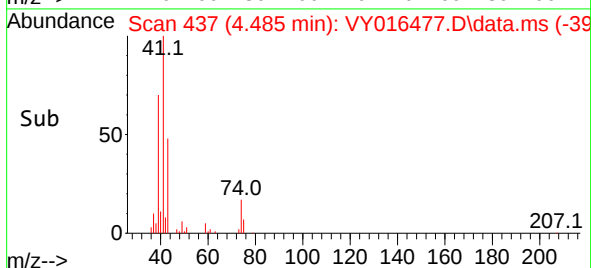
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023

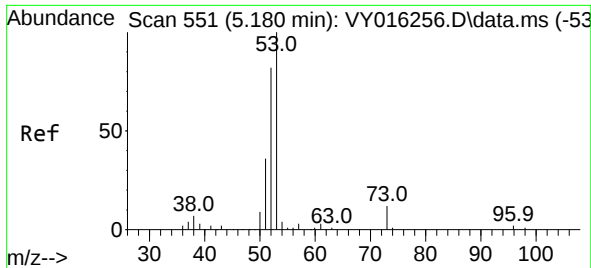


#14
Allyl chloride
Concen: 17.538 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53



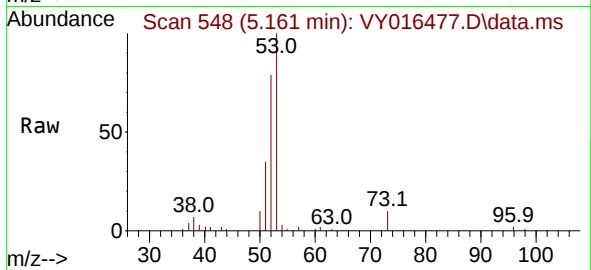
Tgt Ion: 41 Resp: 40204
Ion Ratio Lower Upper
41 100
39 68.5 58.0 87.0
76 47.4 27.4 41.2#





#15
Acrylonitrile
Concen: 91.707 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.018 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

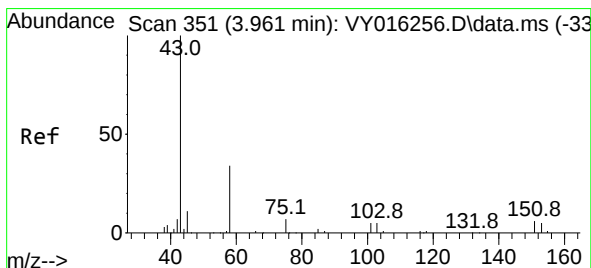
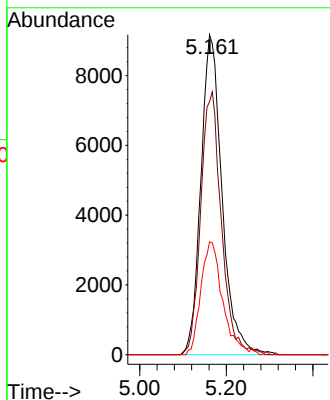
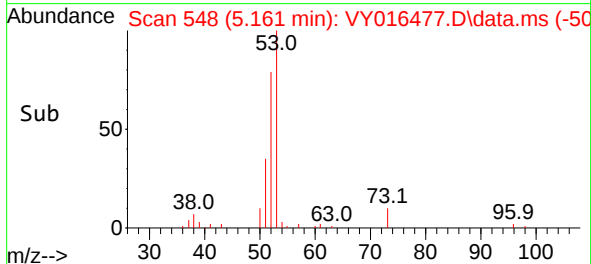
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



Tgt Ion: 53 Resp: 31198
Ion Ratio Lower Upper
53 100
52 79.9 66.9 100.3
51 36.0 29.8 44.6

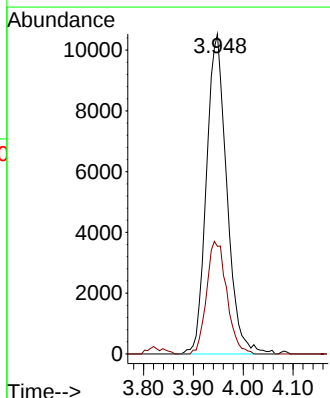
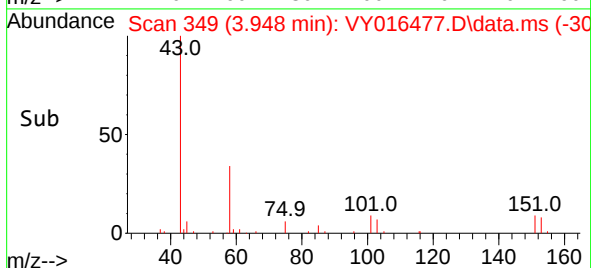
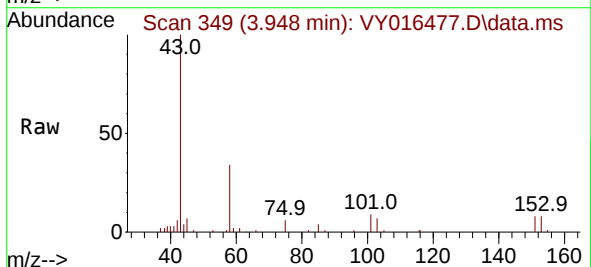
Manual Integrations
APPROVED

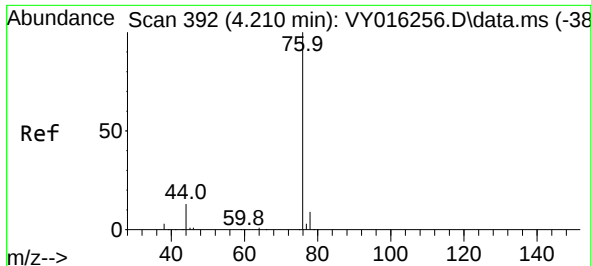
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#16
Acetone
Concen: 123.645 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Tgt Ion: 43 Resp: 29882
Ion Ratio Lower Upper
43 100
58 33.7 22.7 34.1





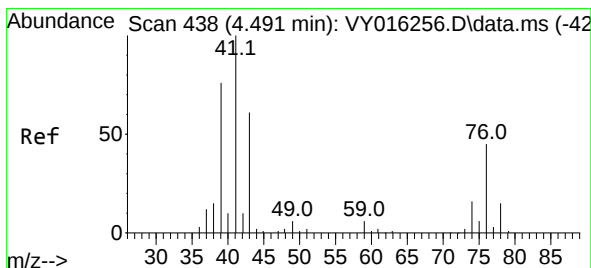
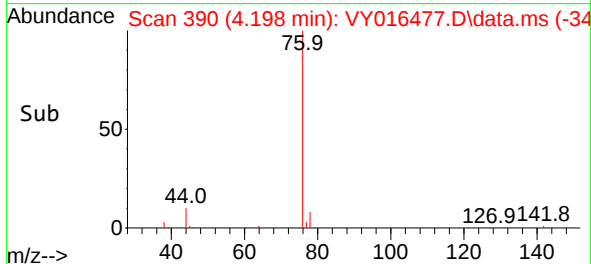
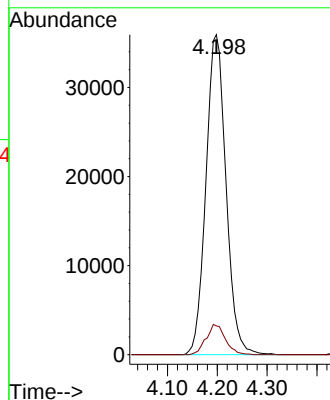
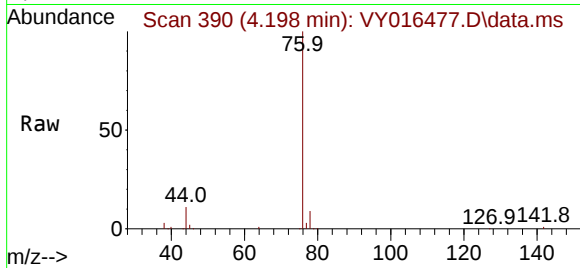
#17
Carbon Disulfide
Concen: 20.607 ug/l
RT: 4.198 min Scan# 392
Delta R.T. -0.012 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01

Tgt Ion: 76 Resp: 10044
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

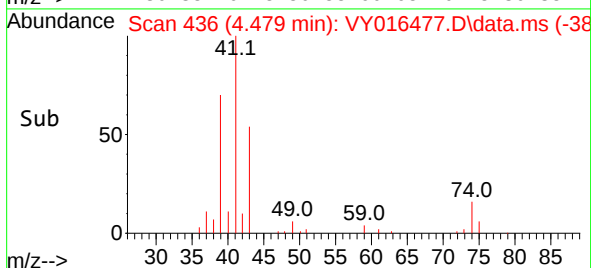
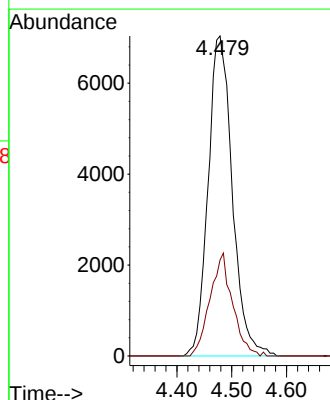
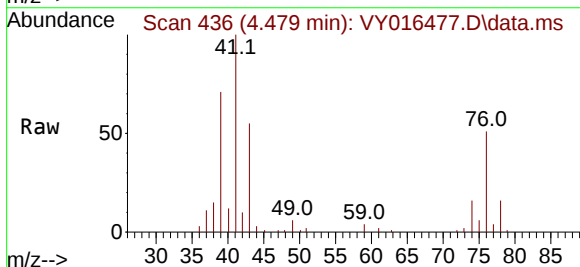
Manual Integrations
APPROVED

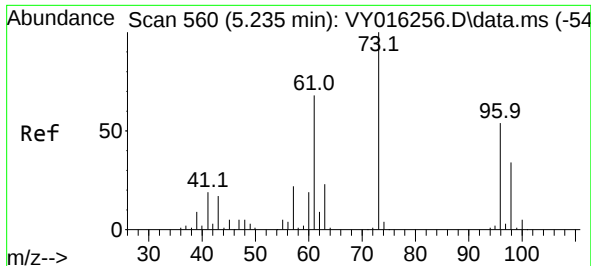
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#18
Methyl Acetate
Concen: 16.798 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Tgt Ion: 43 Resp: 21572
Ion Ratio Lower Upper
43 100
74 30.0 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 18.867 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBSD01

Tgt Ion: 73 Resp: 7376

Ion Ratio Lower Upper

73 100

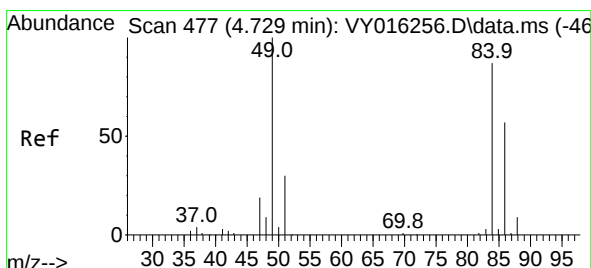
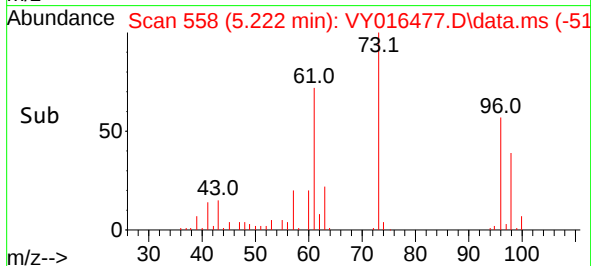
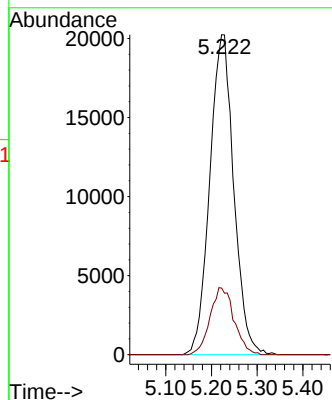
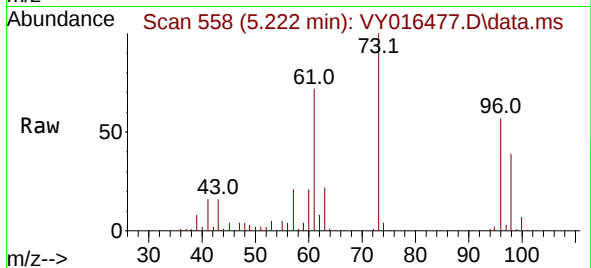
57 20.8 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023

Supervised By :Semsettin Yesilyurt 11/27/2023



#20

Methylene Chloride

Concen: 22.358 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Tgt Ion: 84 Resp: 41457

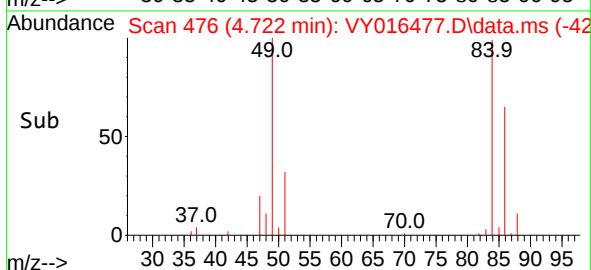
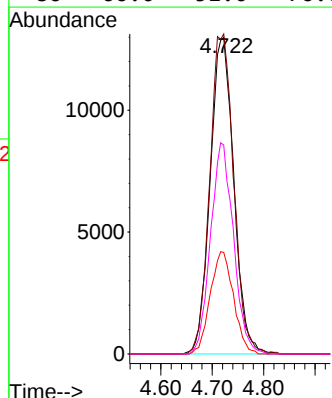
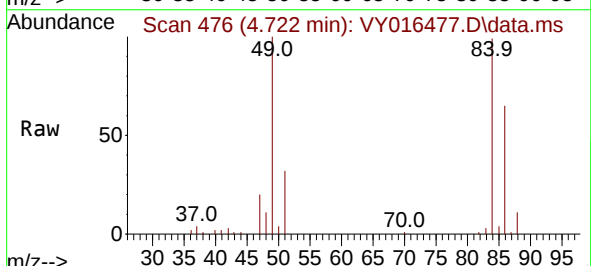
Ion Ratio Lower Upper

84 100

49 101.1 106.9 160.3#

51 32.1 33.2 49.8#

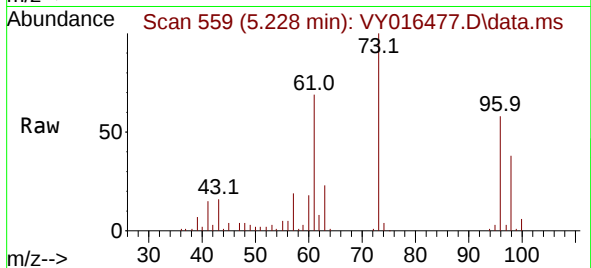
86 66.0 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 20.327 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

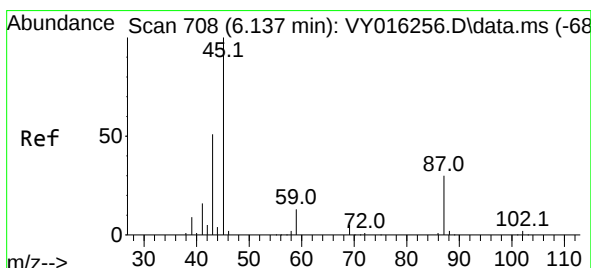
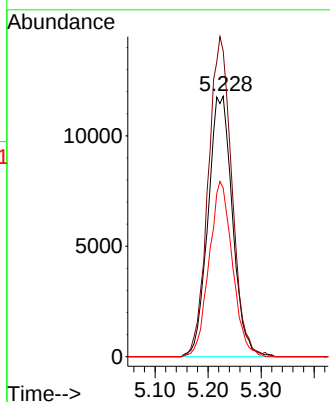
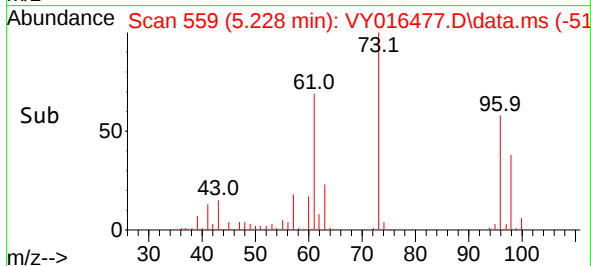
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



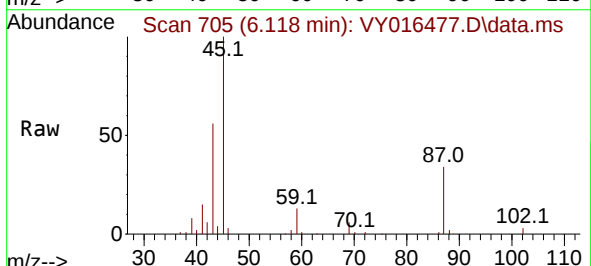
Tgt Ion: 96 Resp: 37808
Ion Ratio Lower Upper
96 100
61 117.5 110.2 165.4
98 64.8 51.8 77.6

Manual Integrations
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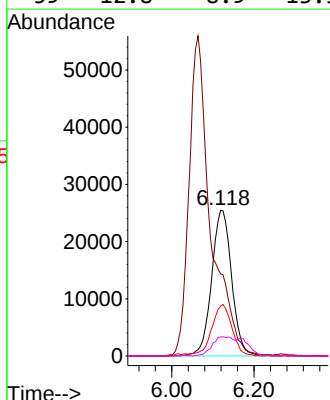
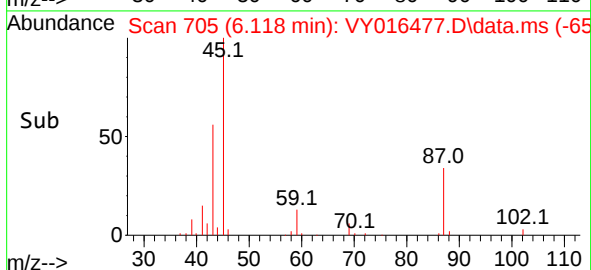
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023

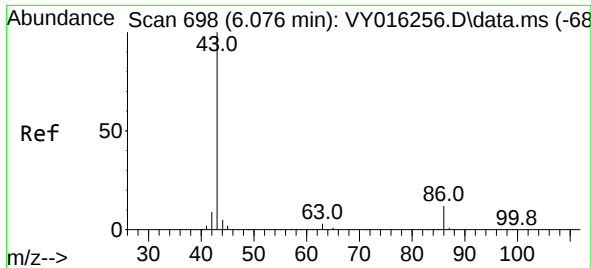


#22
Diisopropyl ether
Concen: 17.459 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.018 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53



Tgt Ion: 45 Resp: 86254
Ion Ratio Lower Upper
45 100
43 55.3 52.2 78.4
87 34.2 21.0 31.6#
59 12.8 8.9 13.3





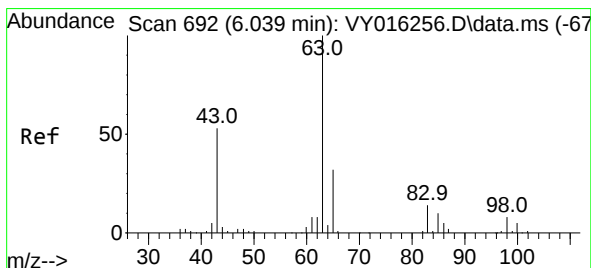
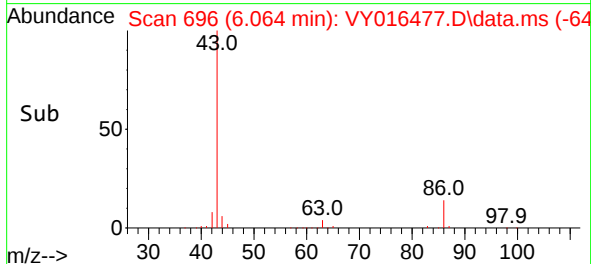
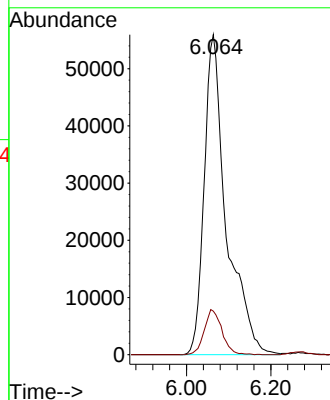
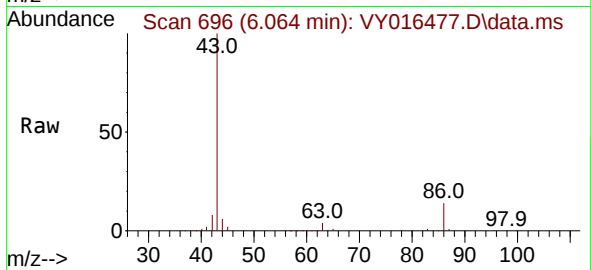
#23
 Vinyl Acetate
 Concen: 85.347 ug/l
 RT: 6.064 min Scan# 698
 Delta R.T. -0.012 min
 Lab File: VY016477.D
 Acq: 24 Nov 2023 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1124SBS01

Tgt Ion: 43 Resp: 204308
 Ion Ratio Lower Upper
 43 100
 86 13.6 7.5 11.3

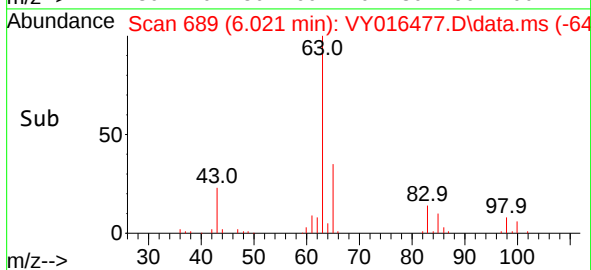
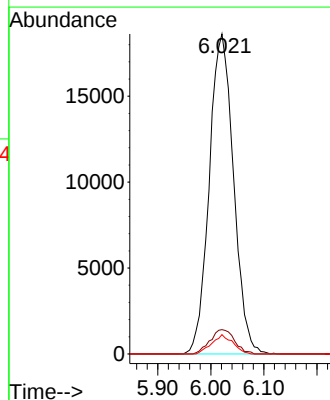
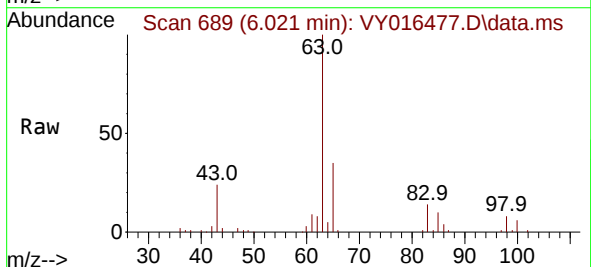
Manual Integrations
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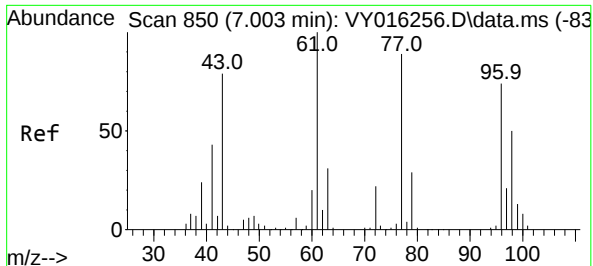
Reviewed By :Mahesh Dadoda 11/27/2023
 Supervised By :Semsettin Yesilyurt 11/27/2023



#24
 1,1-Dichloroethane
 Concen: 19.438 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.018 min
 Lab File: VY016477.D
 Acq: 24 Nov 2023 11:53

Tgt Ion: 63 Resp: 59245
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 6.1 1.8 5.5





#25

2-Butanone

Concen: 100.771 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.018 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBSD01

Tgt Ion: 43 Resp: 4265

Ion Ratio Lower Upper

43 100

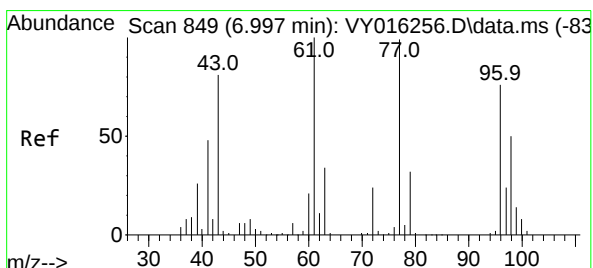
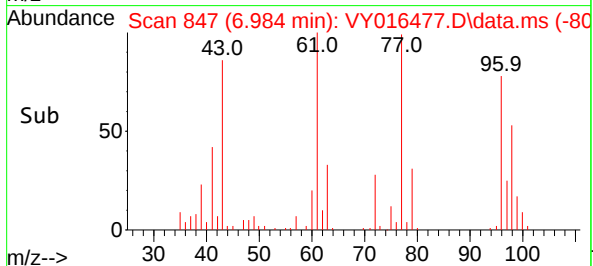
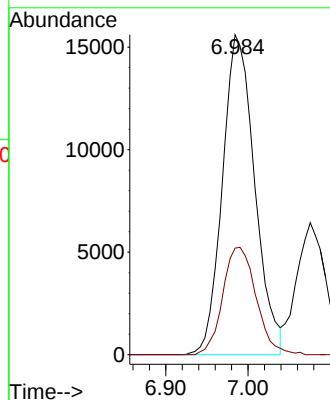
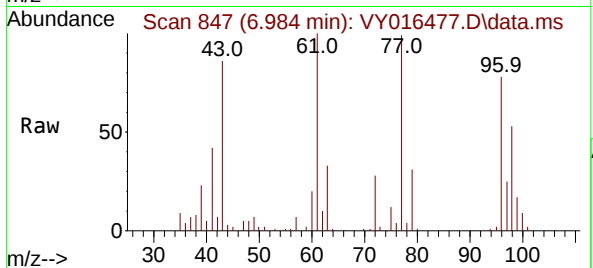
72 33.3 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023

Supervised By :Semsettin Yesilyurt 11/27/2023



#26

2,2-Dichloropropane

Concen: 20.158 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY016477.D

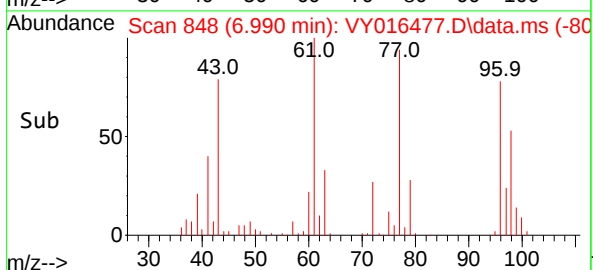
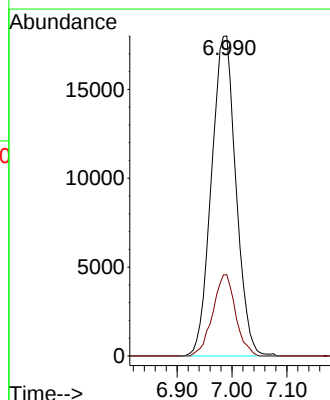
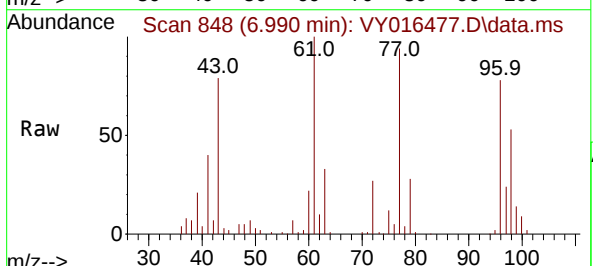
Acq: 24 Nov 2023 11:53

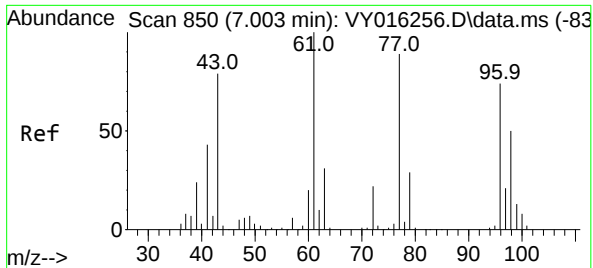
Tgt Ion: 77 Resp: 55916

Ion Ratio Lower Upper

77 100

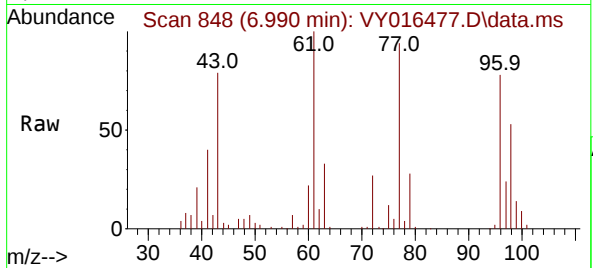
97 23.7 10.9 32.9





#27
cis-1,2-Dichloroethene
Concen: 20.319 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

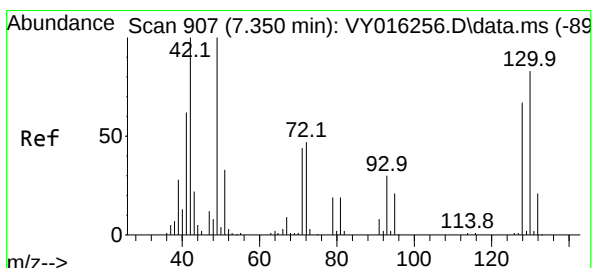
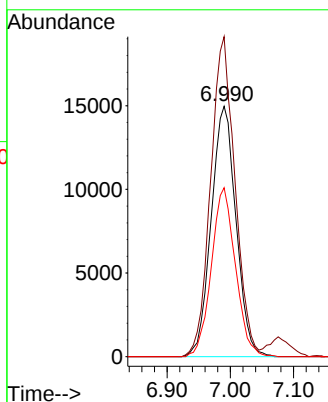
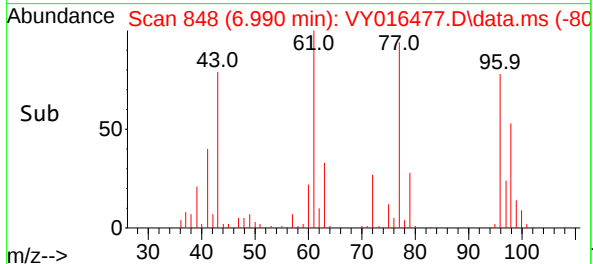
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBS01



Tgt Ion: 96 Resp: 40729
Ion Ratio Lower Upper
96 100
61 125.4 0.0 301.4
98 65.5 0.0 130.4

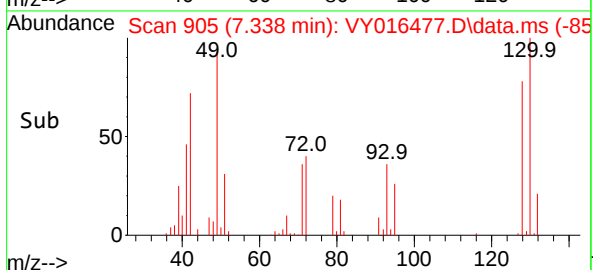
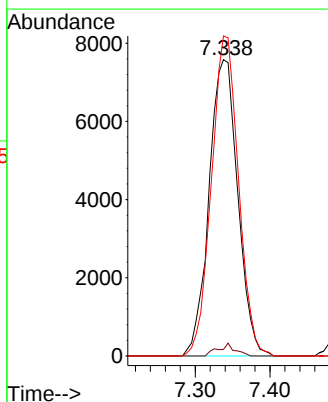
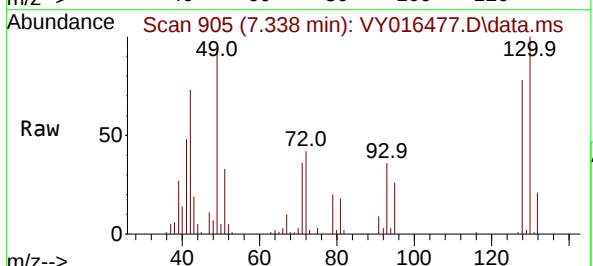
Manual Integrations
APPROVED

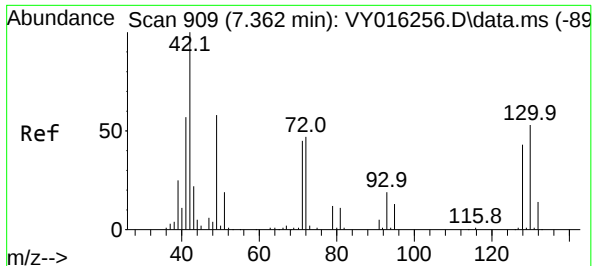
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#28
Bromochloromethane
Concen: 17.972 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Tgt Ion: 49 Resp: 20273
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.6
130 101.8 60.7 91.1#





#29

Tetrahydrofuran

Concen: 84.509 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.012 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

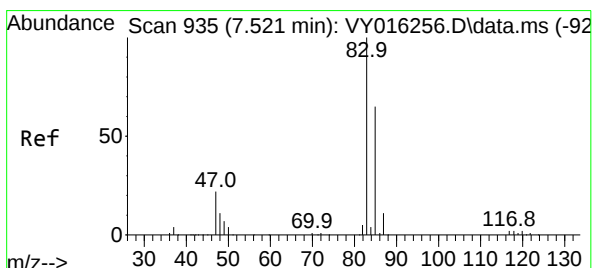
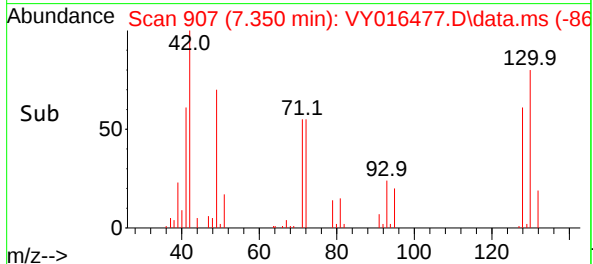
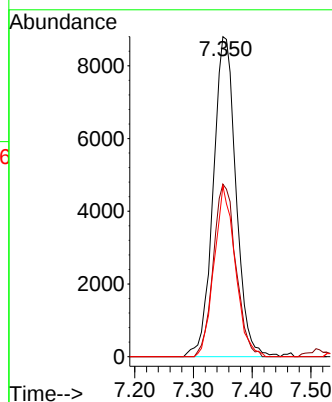
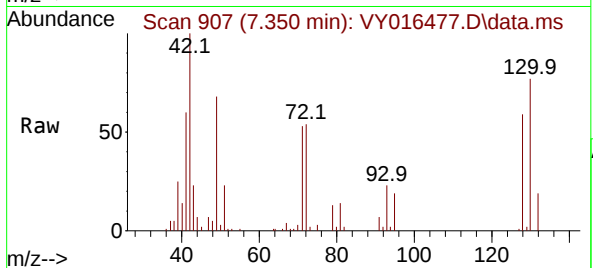
VY1124SBSD01

Tgt Ion:	42	Resp:	2364
Ion Ratio	Lower	Upper	
42	100		
72	53.6	32.8	49.2
71	49.6	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#30

Chloroform

Concen: 20.204 ug/l

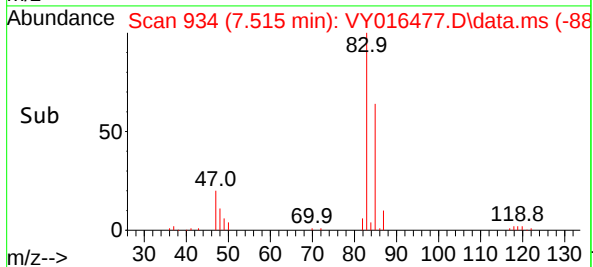
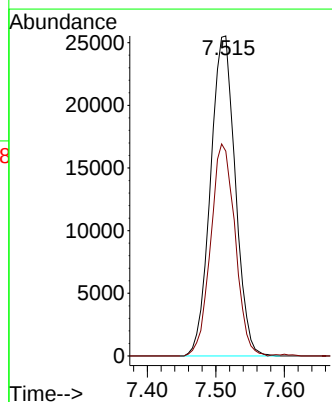
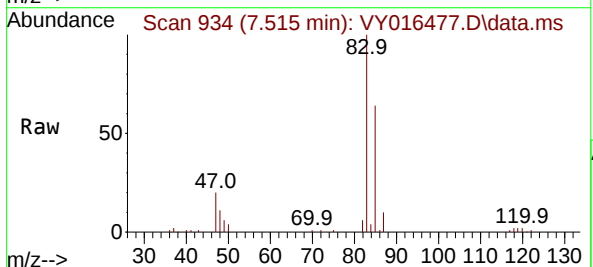
RT: 7.515 min Scan# 934

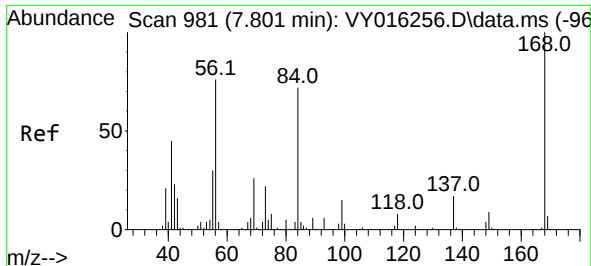
Delta R.T. -0.006 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

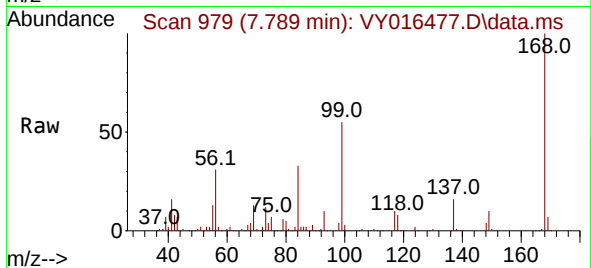
Tgt Ion:	83	Resp:	64097
Ion Ratio	Lower	Upper	
83	100		
85	64.0	49.7	74.5





#31
Cyclohexane
Concen: 18.305 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

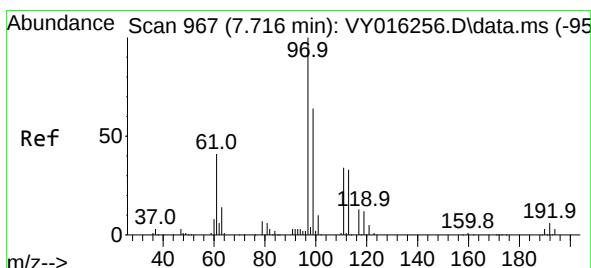
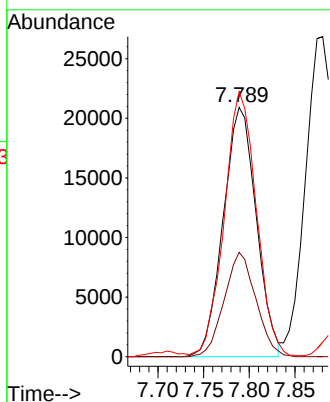
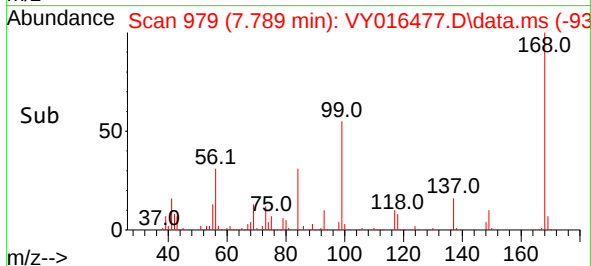
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBS01



Tgt Ion: 56 Resp: 5265
Ion Ratio Lower Upper
56 100
69 41.6 27.8 41.6
84 105.2 66.4 99.6

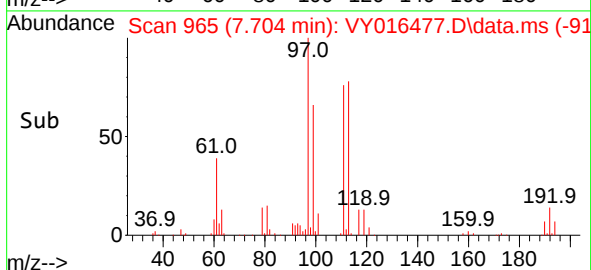
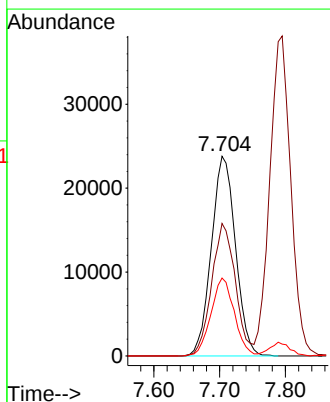
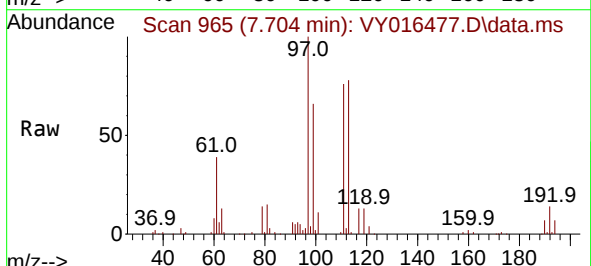
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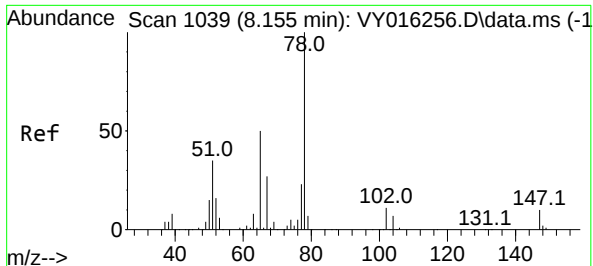
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#32
1,1,1-Trichloroethane
Concen: 20.909 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Tgt Ion: 97 Resp: 60806
Ion Ratio Lower Upper
97 100
99 65.5 50.8 76.2
61 37.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.228 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.012 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBSD01

Tgt Ion: 65 Resp: 7046

Ion Ratio Lower Upper

65 100

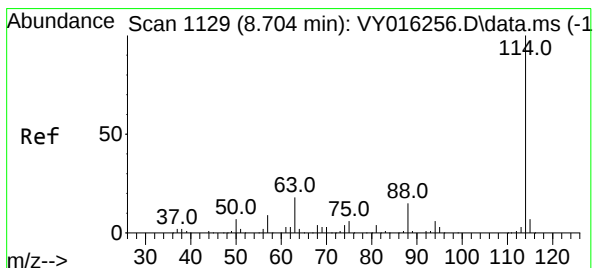
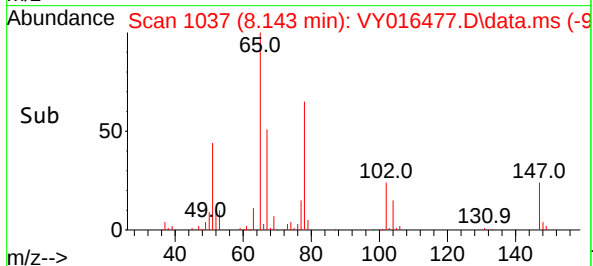
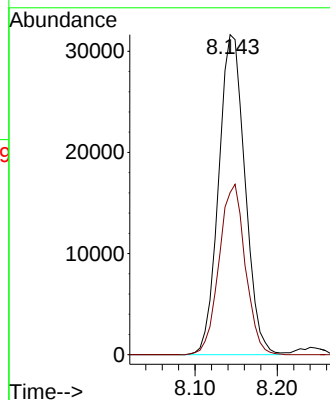
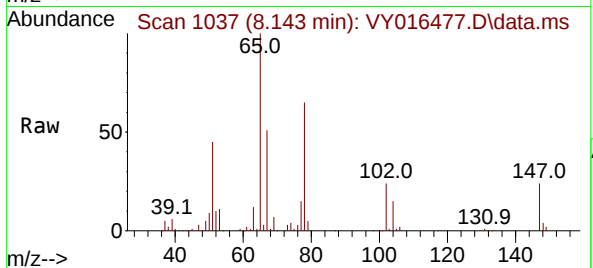
67 52.9 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023

Supervised By :Semsettin Yesilyurt 11/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

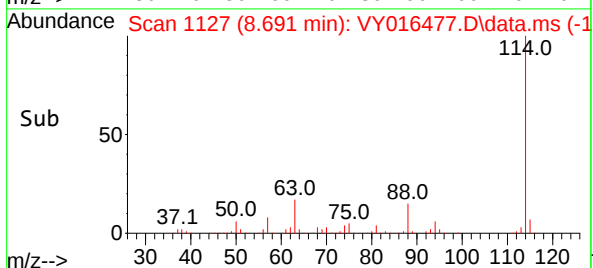
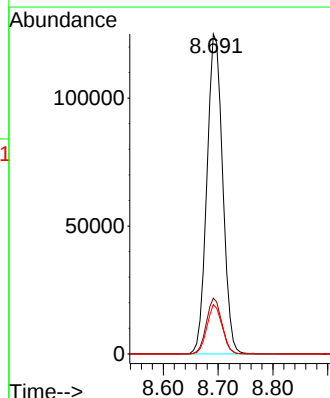
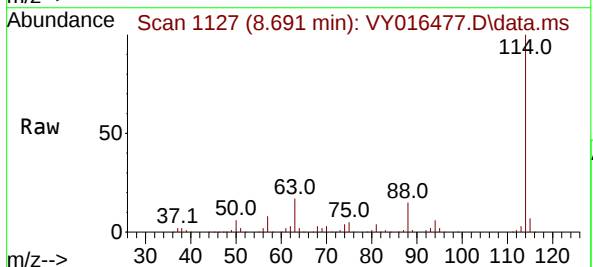
Tgt Ion:114 Resp: 248143

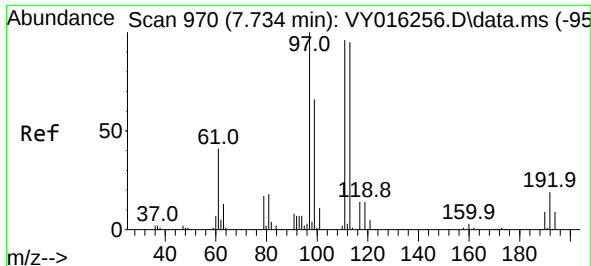
Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

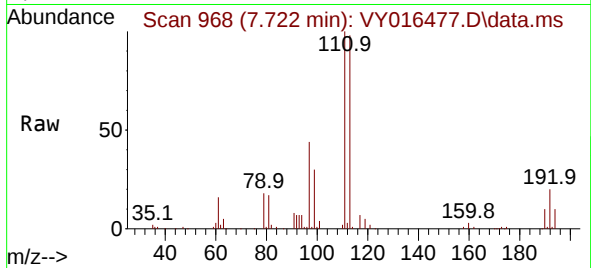
88 15.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 56.719 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

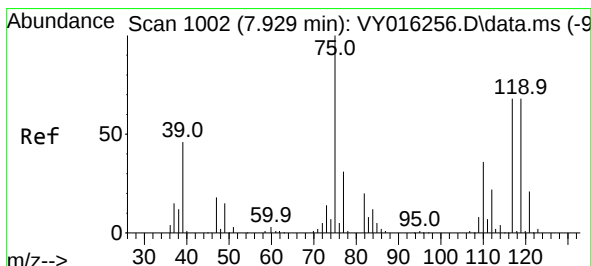
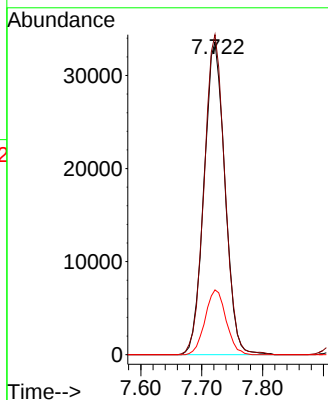
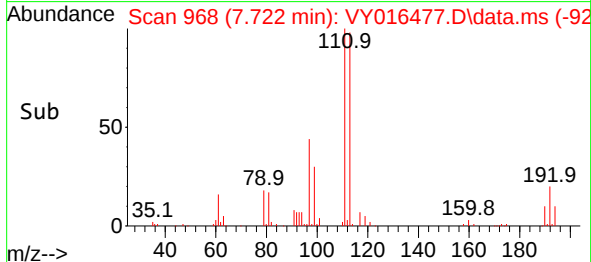
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBS01



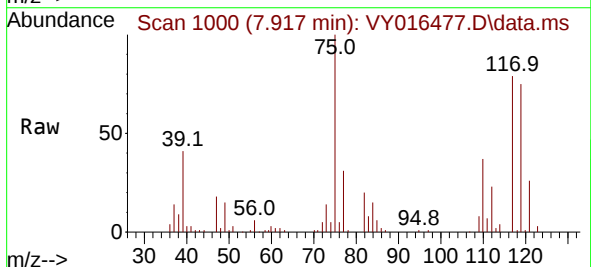
Tgt Ion:113 Resp: 7995
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 20.8 16.9 25.3

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APPROVED

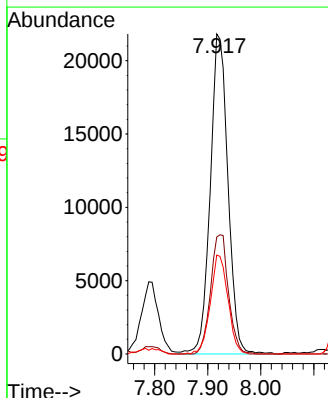
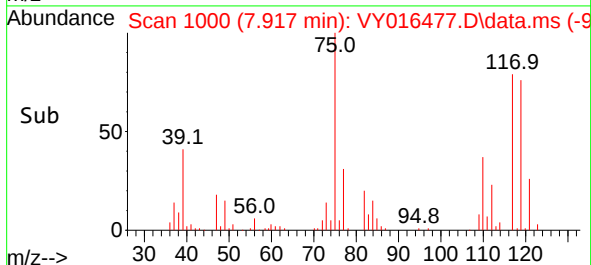
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023

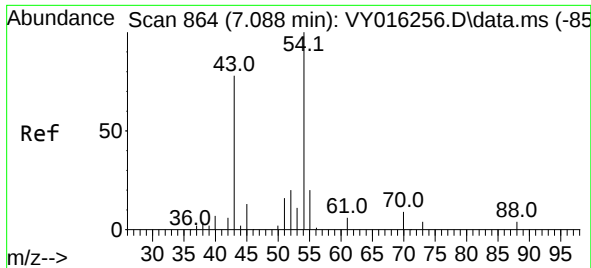


#36
1,1-Dichloropropene
Concen: 20.688 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.012 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53



Tgt Ion: 75 Resp: 50636
Ion Ratio Lower Upper
75 100
110 37.6 17.8 53.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 17.359 ug/l

RT: 7.076 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBS01

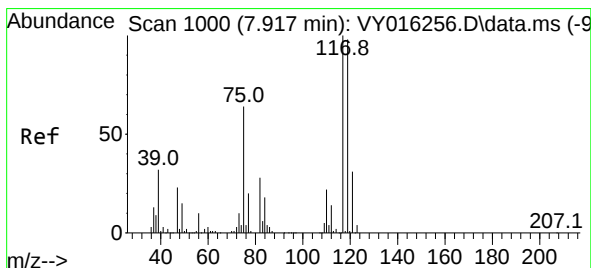
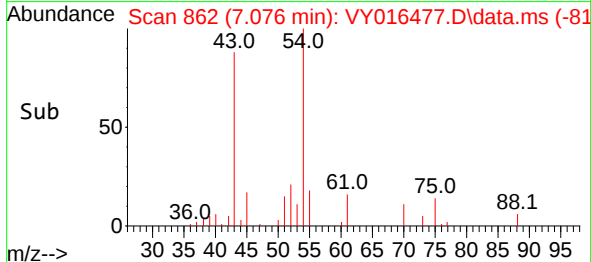
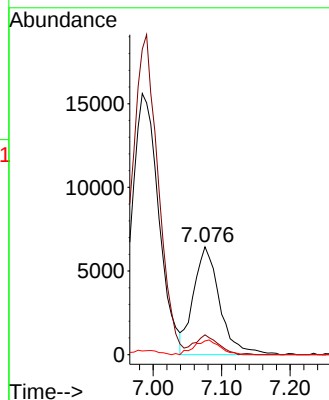
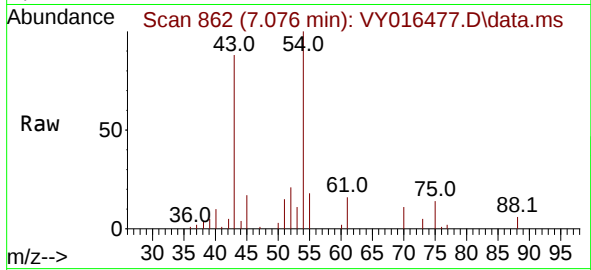
Tgt Ion: 43 Resp: 1716

Ion	Ratio	Lower	Upper
43	100		
61	16.5	10.1	15.1
70	13.2	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#38

Carbon Tetrachloride

Concen: 22.236 ug/l

RT: 7.905 min Scan# 998

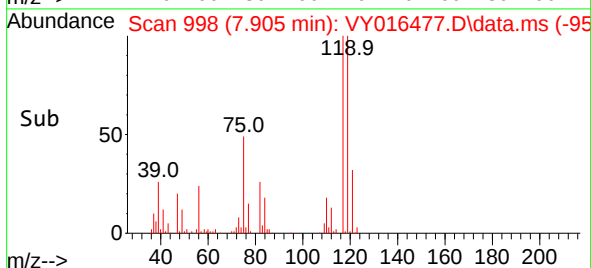
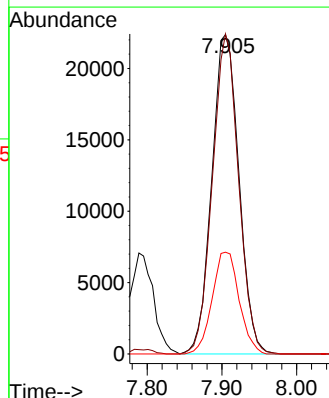
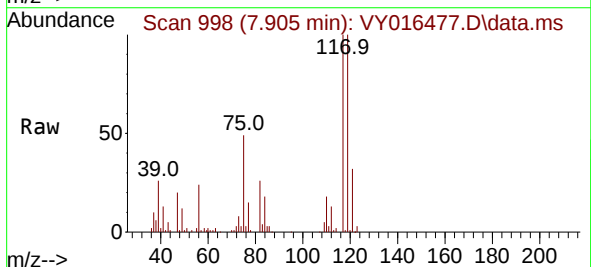
Delta R.T. -0.012 min

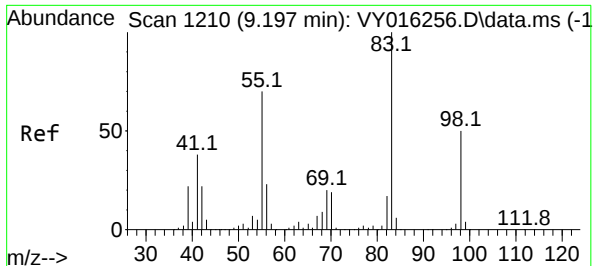
Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Tgt Ion:117 Resp: 56487

Ion	Ratio	Lower	Upper
117	100		
119	100.2	76.4	114.6
121	31.9	25.8	38.6





#39

Methylcyclohexane

Concen: 20.279 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBS01

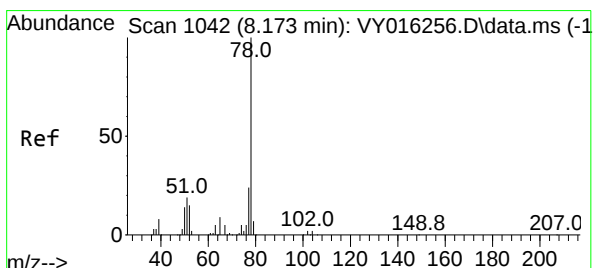
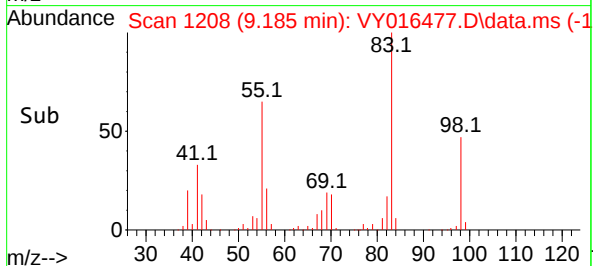
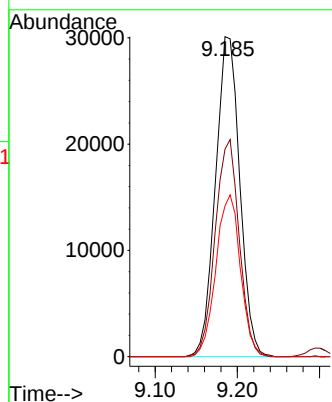
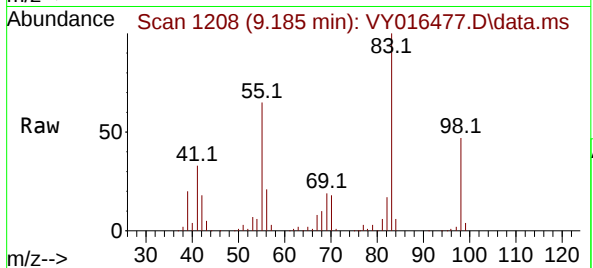
Tgt Ion: 83 Resp: 61849

Ion	Ratio	Lower	Upper
83	100		
55	64.9	63.0	94.4
98	47.1	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#40

Benzene

Concen: 20.744 ug/l

RT: 8.167 min Scan# 1041

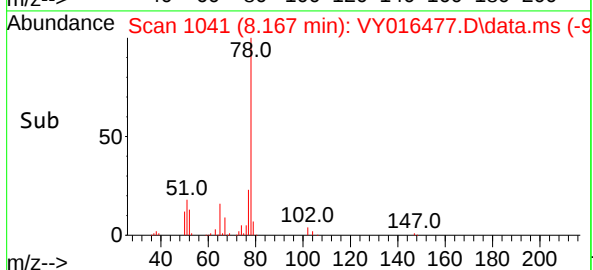
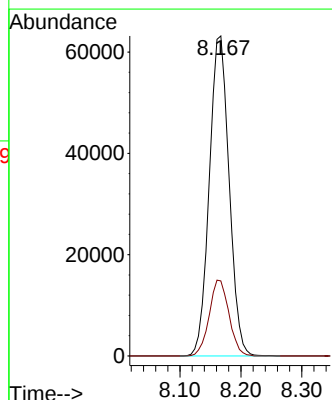
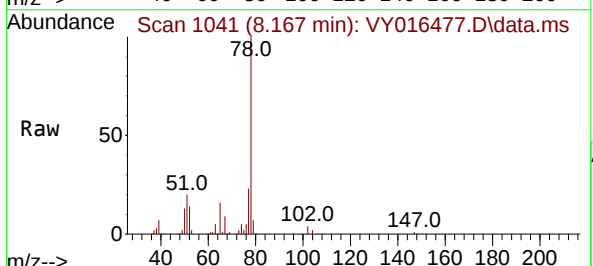
Delta R.T. -0.006 min

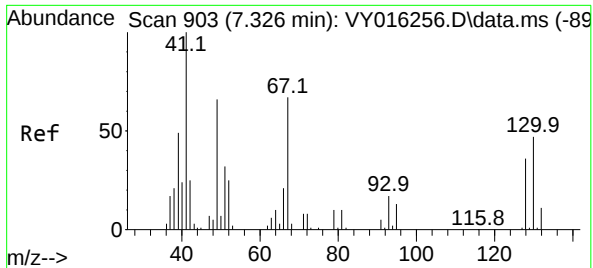
Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Tgt Ion: 78 Resp: 142651

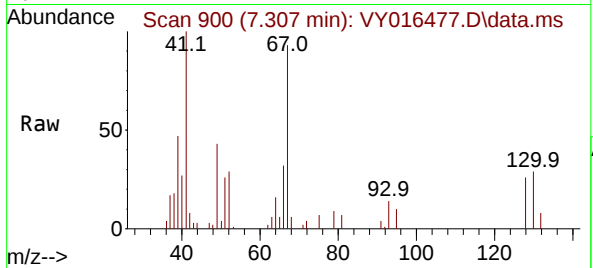
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6





#41
Methacrylonitrile
Concen: 17.912 ug/l
RT: 7.307 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

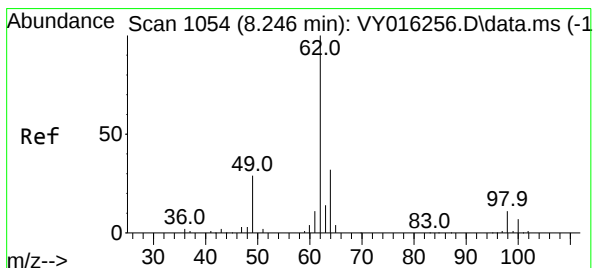
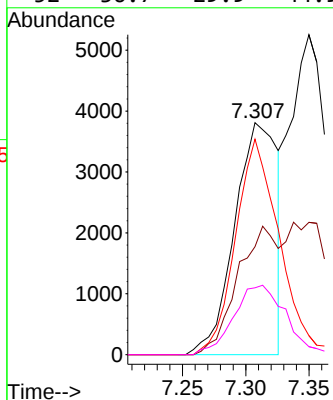
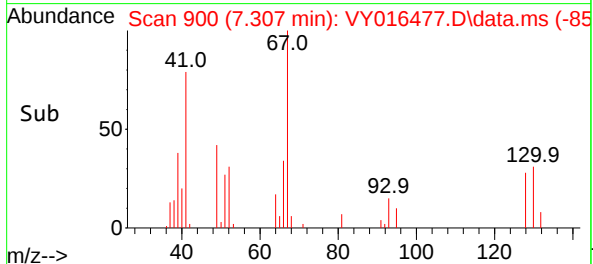
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



Tgt Ion: 41 Resp: 893
Ion Ratio Lower Upper
41 100
39 52.0 52.1 78.1
67 95.4 66.2 99.2
52 36.7 29.9 44.9

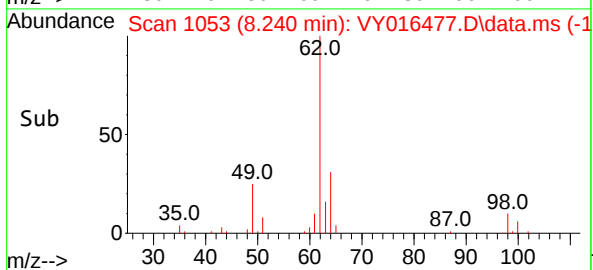
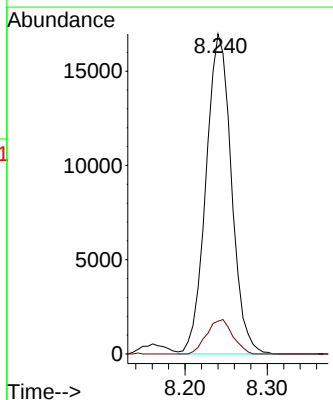
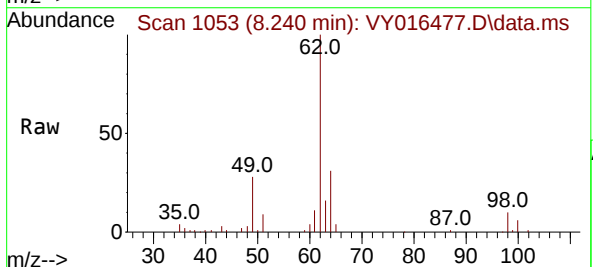
Manual Integrations
APPROVED

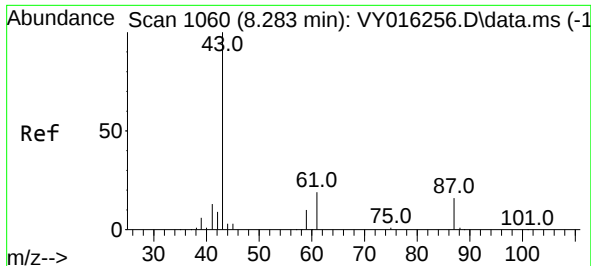
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#42
1,2-Dichloroethane
Concen: 20.512 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

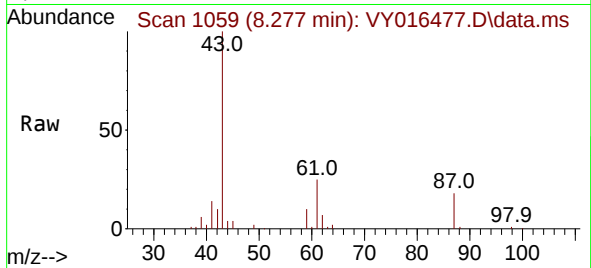
Tgt Ion: 62 Resp: 36549
Ion Ratio Lower Upper
62 100
98 10.9 0.0 15.8





#43
Isopropyl Acetate
Concen: 17.124 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

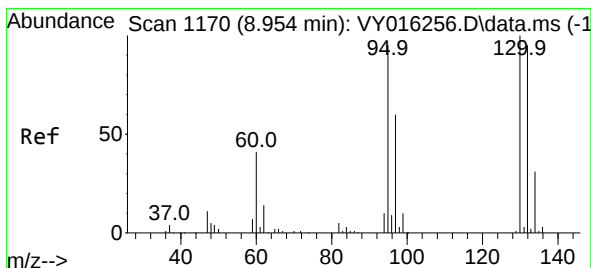
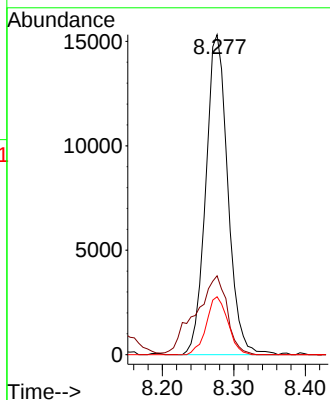
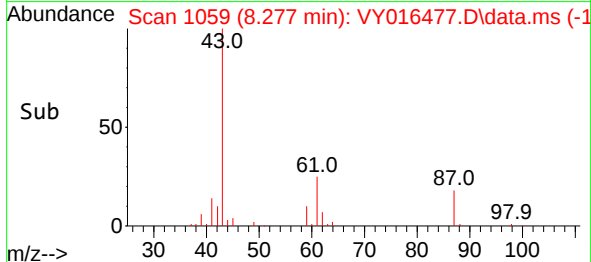
Instrument : MSVOA_Y
ClientSampleId : VY1124SBSD01



Tgt Ion: 43 Resp: 32735
Ion Ratio Lower Upper
43 100
61 35.6 21.1 31.7
87 17.7 9.8 14.8

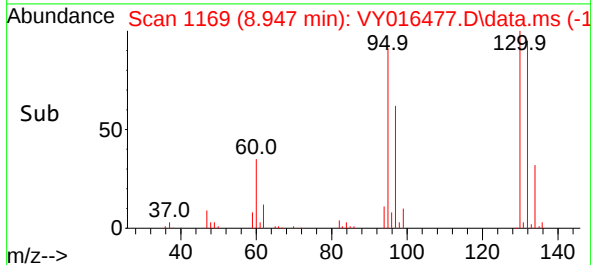
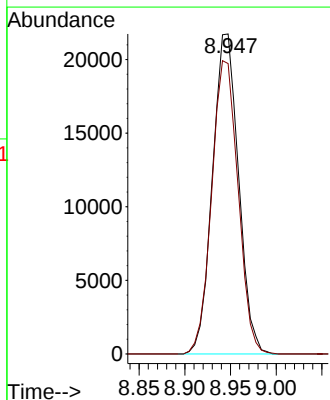
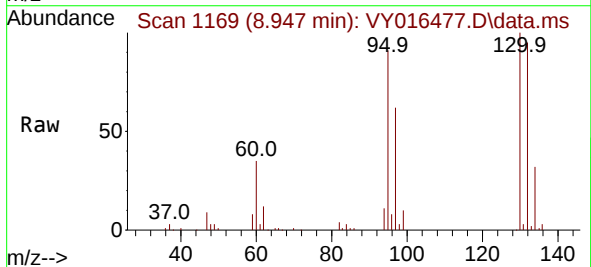
Manual Integrations
APPROVED

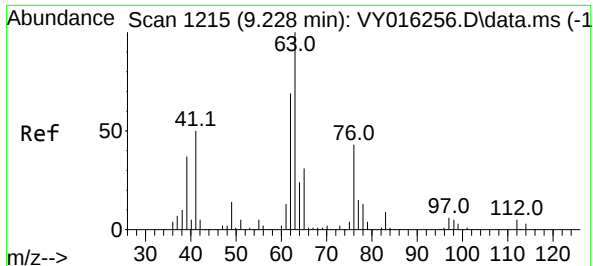
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#44
Trichloroethene
Concen: 21.835 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Tgt Ion:130 Resp: 43154
Ion Ratio Lower Upper
130 100
95 90.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.177 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBSD01

Tgt Ion: 63 Resp: 3332

Ion Ratio Lower Upper

63 100

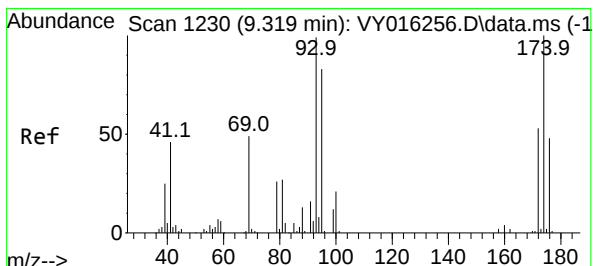
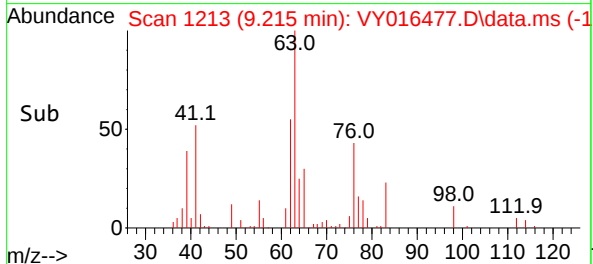
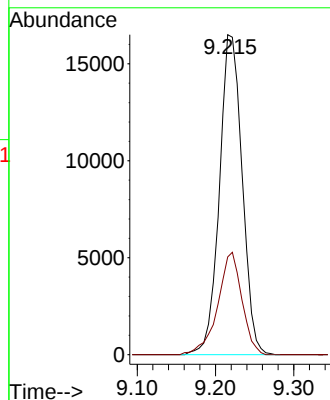
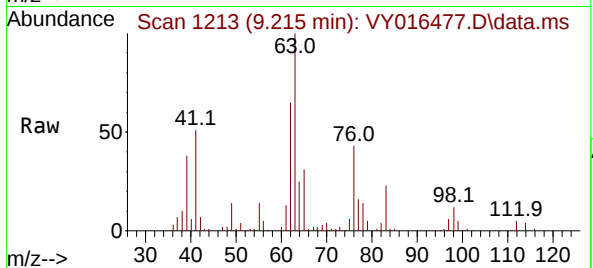
65 30.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023

Supervised By :Semsettin Yesilyurt 11/27/2023



#46

Dibromomethane

Concen: 21.000 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.012 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

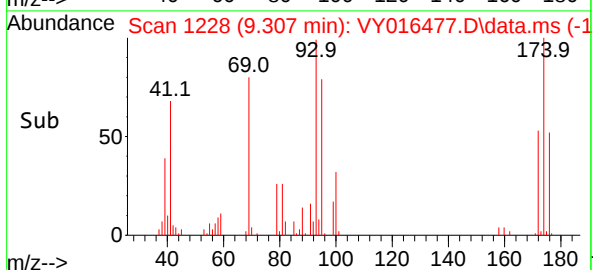
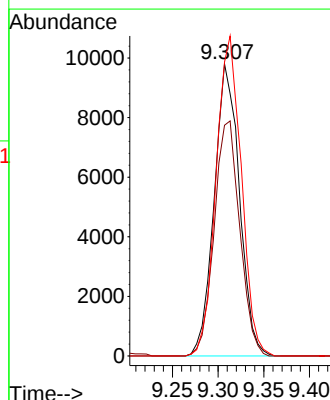
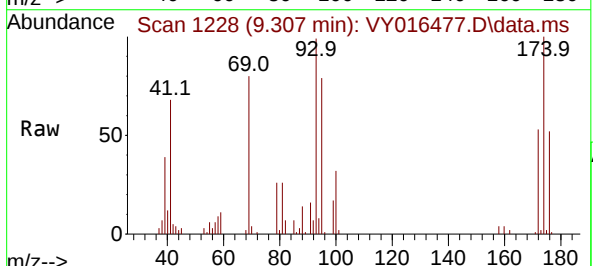
Tgt Ion: 93 Resp: 18794

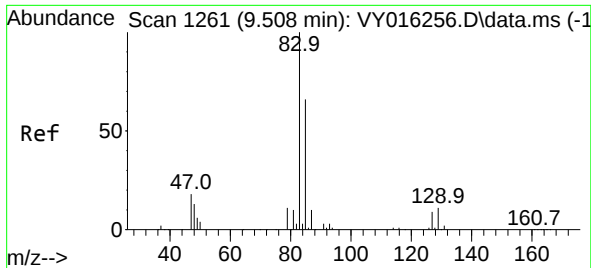
Ion Ratio Lower Upper

93 100

95 81.7 66.6 100.0

174 109.7 84.8 127.2





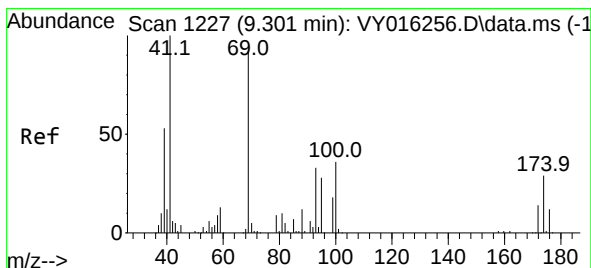
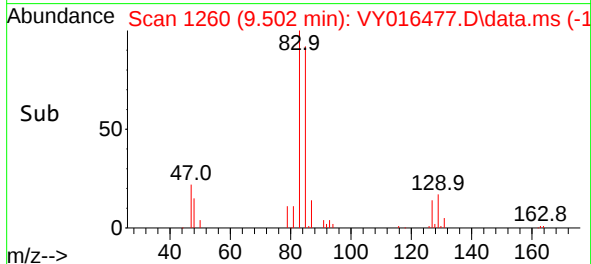
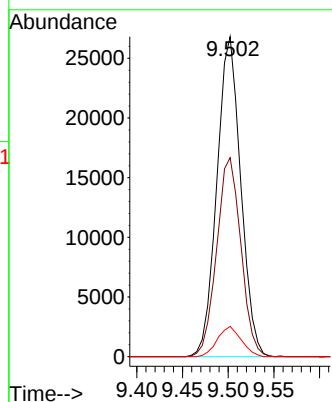
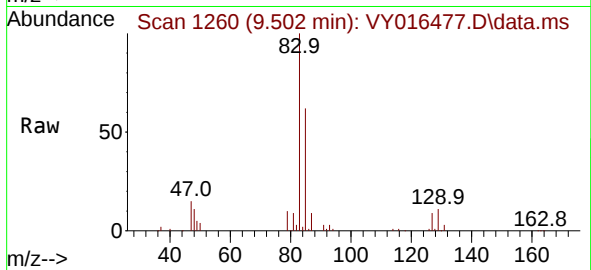
#47
Bromodichloromethane
Concen: 21.182 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01

Tgt Ion: 83 Resp: 4873
Ion Ratio Lower Upper
83 100
85 62.2 50.1 75.1
127 9.4 7.1 10.7

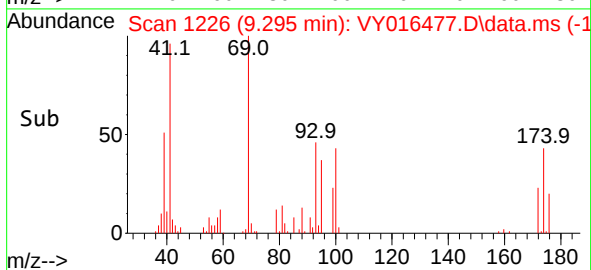
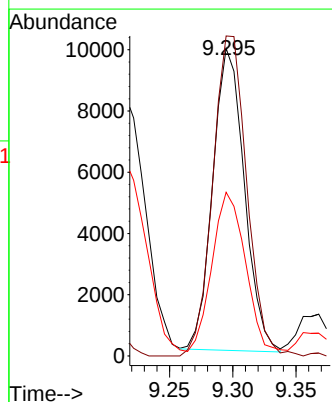
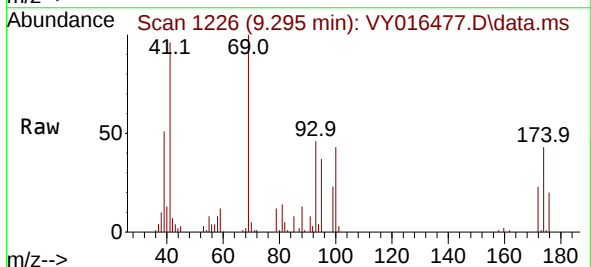
Manual Integrations
APPROVED

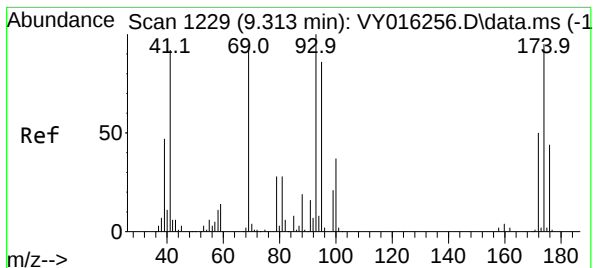
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#48
Methyl methacrylate
Concen: 16.234 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Tgt Ion: 41 Resp: 17151
Ion Ratio Lower Upper
41 100
69 113.7 64.5 96.7#
39 55.9 50.8 76.2





#49

1,4-Dioxane

Concen: 392.050 ug/l

RT: 9.313 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBSD01

Tgt Ion: 88 Resp: 372

Ion Ratio Lower Upper

88 100

43 26.5 0.0 0.0

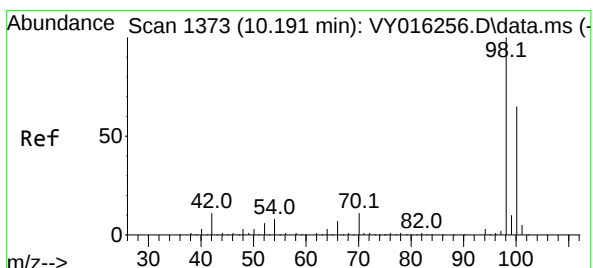
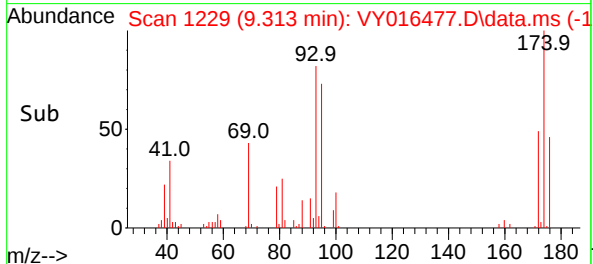
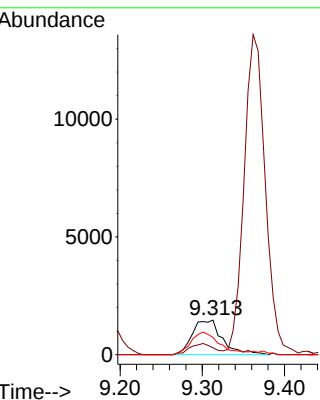
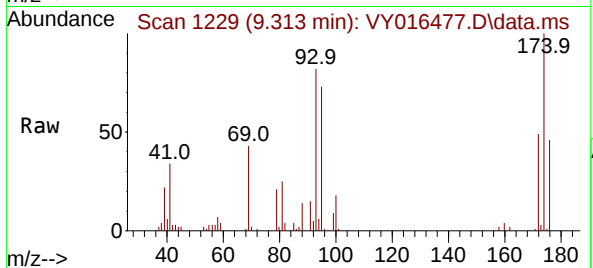
58 62.8 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023

Supervised By :Semsettin Yesilyurt 11/27/2023



#50

Toluene-d8

Concen: 52.238 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016477.D

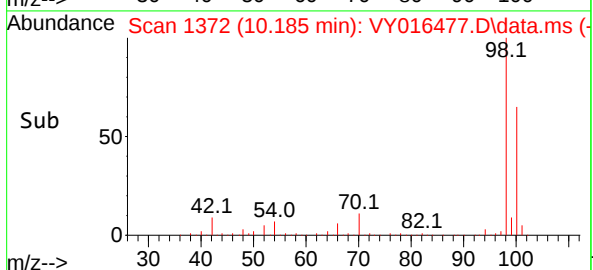
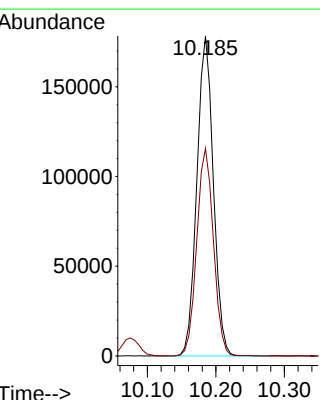
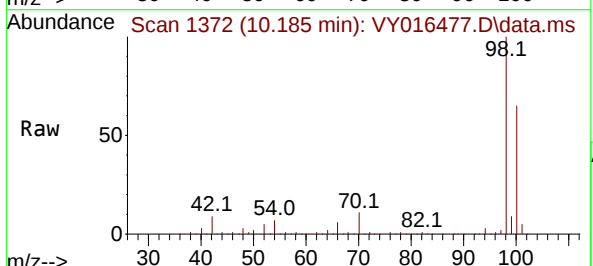
Acq: 24 Nov 2023 11:53

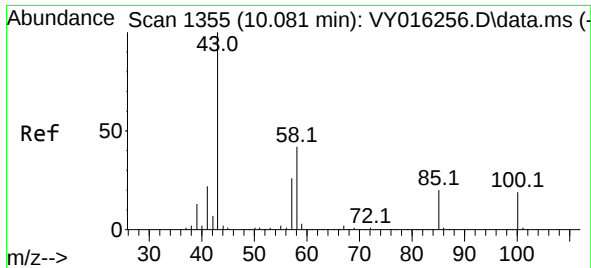
Tgt Ion: 98 Resp: 298606

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1





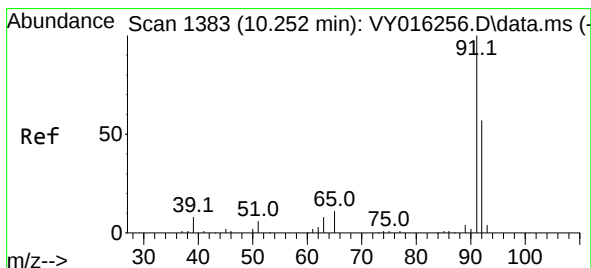
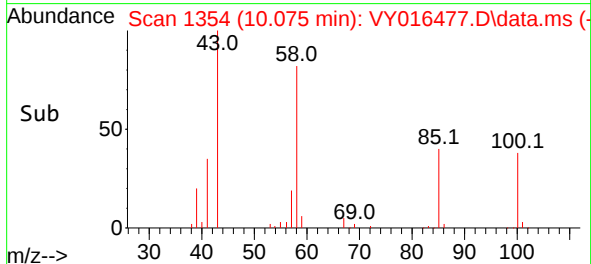
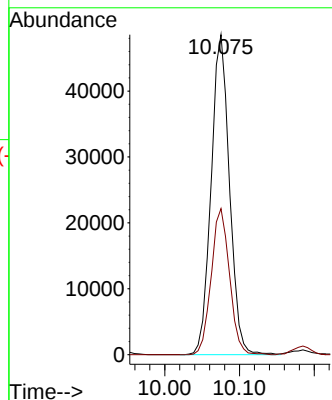
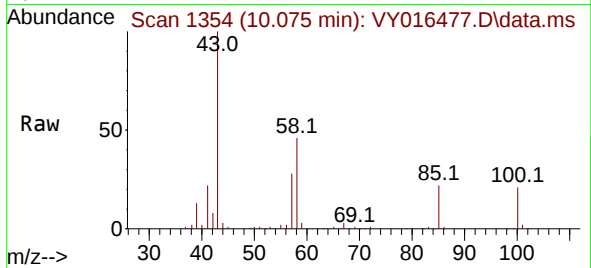
#51
4-Methyl-2-Pentanone
Concen: 85.861 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBS01

Tgt Ion: 43 Resp: 8300
Ion Ratio Lower Upper
43 100
58 45.5 29.0 43.6

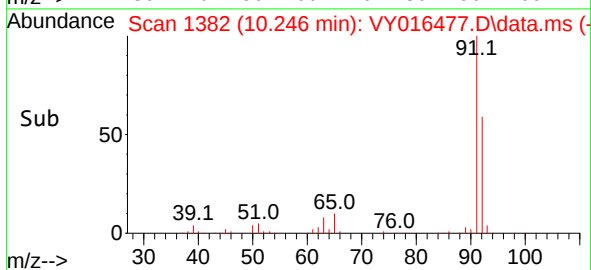
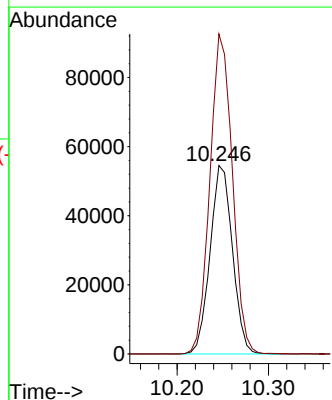
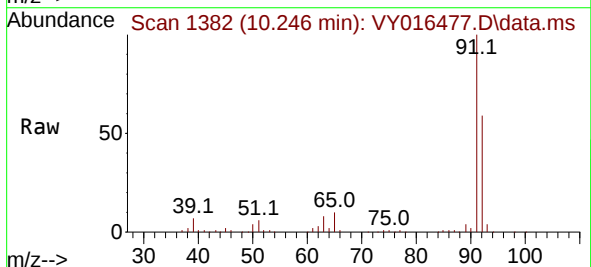
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#52
Toluene
Concen: 21.326 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

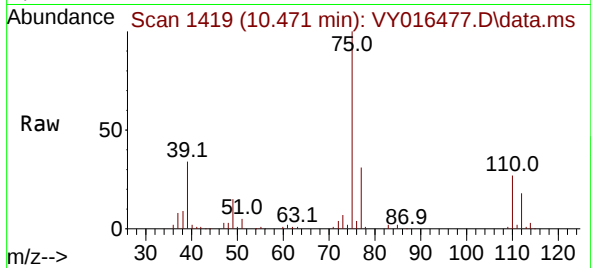
Tgt Ion: 92 Resp: 92702
Ion Ratio Lower Upper
92 100
91 170.9 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 20.287 ug/l
 RT: 10.471 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VY016477.D
 Acq: 24 Nov 2023 11:53

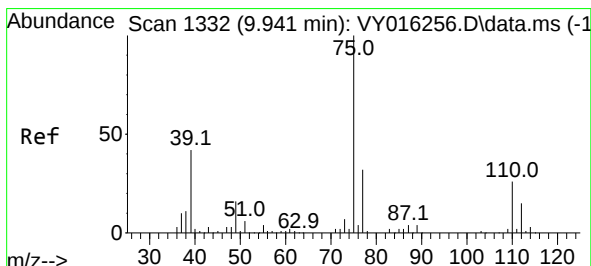
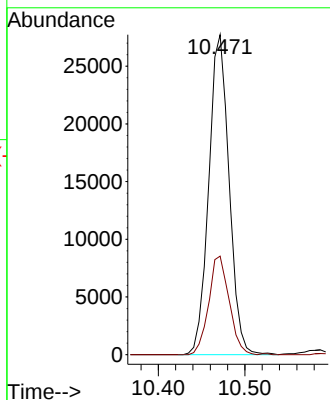
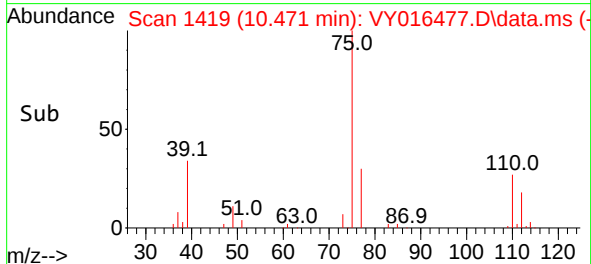
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1124SBS01



Tgt Ion: 75 Resp: 4525
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.4

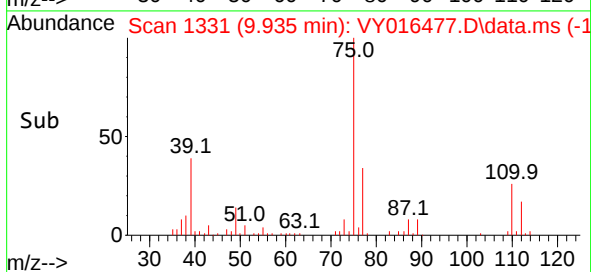
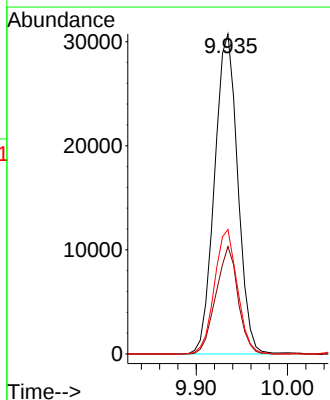
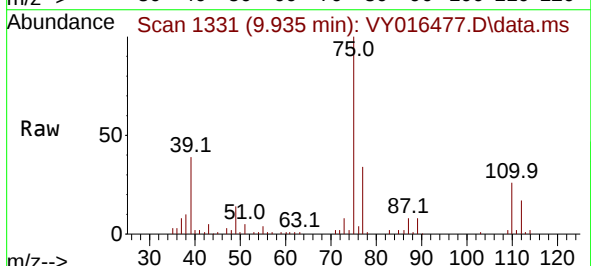
Manual Integrations
 APPROVED

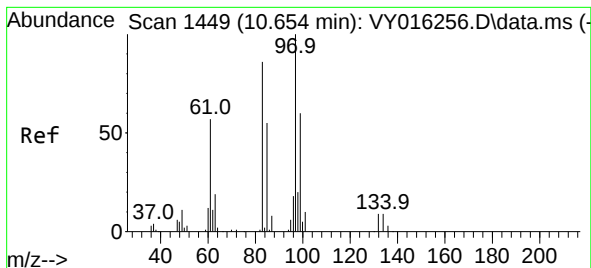
Reviewed By :Mahesh Dadoda 11/27/2023
 Supervised By :Semsettin Yesilyurt 11/27/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.360 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY016477.D
 Acq: 24 Nov 2023 11:53

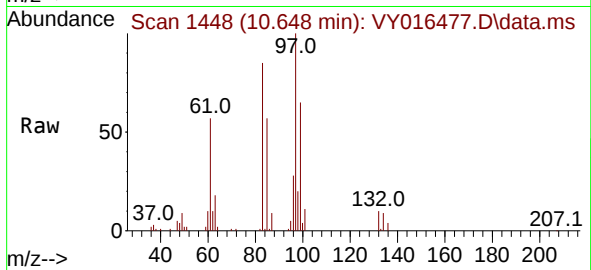
Tgt Ion: 75 Resp: 54242
 Ion Ratio Lower Upper
 75 100
 77 33.5 24.2 36.4
 39 38.9 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 21.390 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

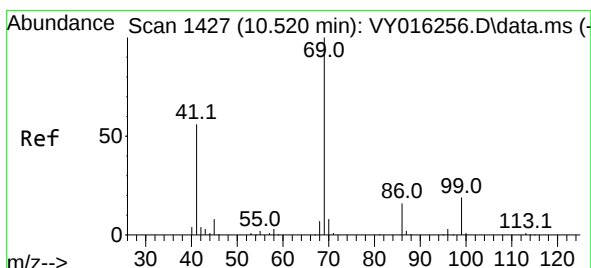
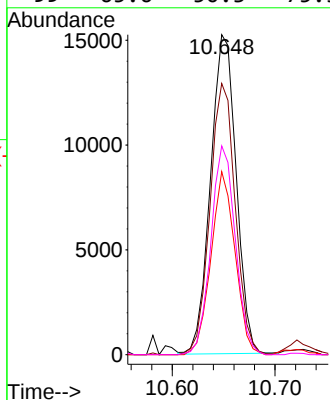
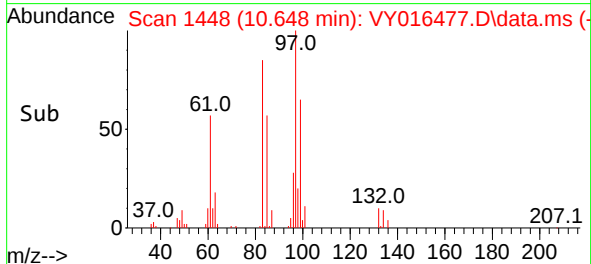
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



Tgt Ion:	97	Resp:	2638
Ion	Ratio	Lower	Upper
97	100		
83	85.1	72.0	108.0
85	57.5	45.4	68.0
99	65.6	50.3	75.5

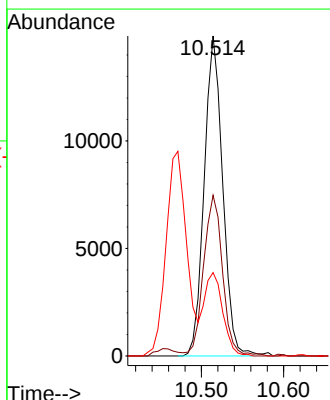
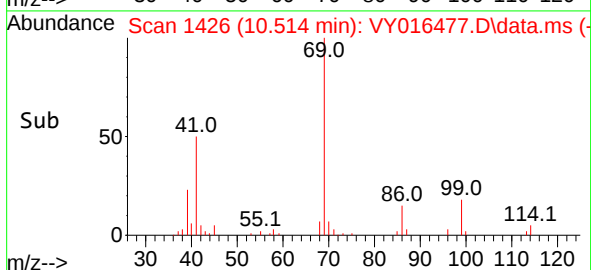
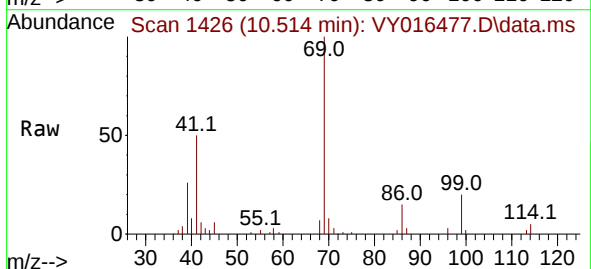
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#56
Ethyl methacrylate
Concen: 20.035 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

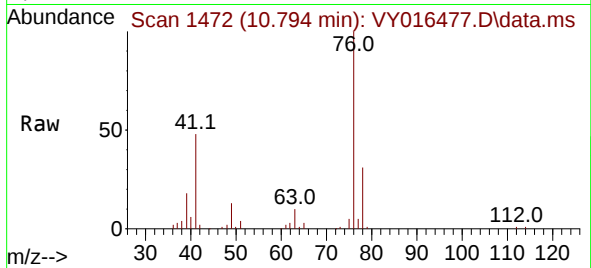
Tgt Ion:	69	Resp:	23329
Ion	Ratio	Lower	Upper
69	100		
41	51.5	57.6	86.4#
39	26.1	34.1	51.1#





#57
1,3-Dichloropropane
Concen: 20.293 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

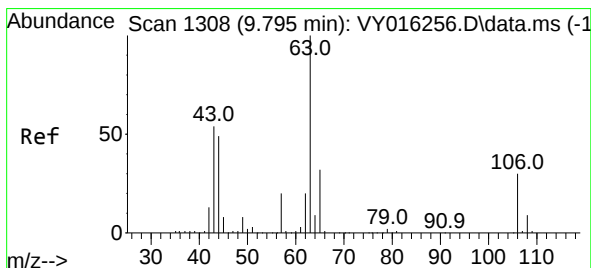
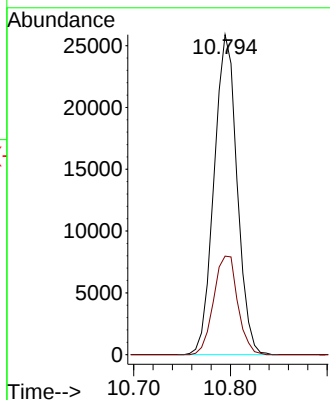
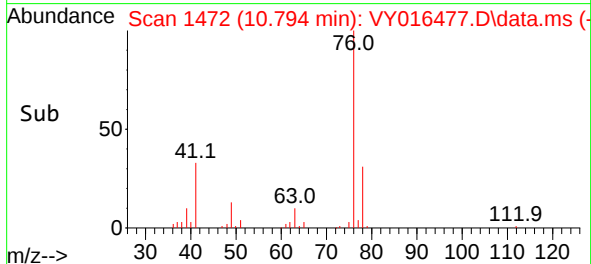
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



Tgt Ion: 76 Resp: 42669
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9

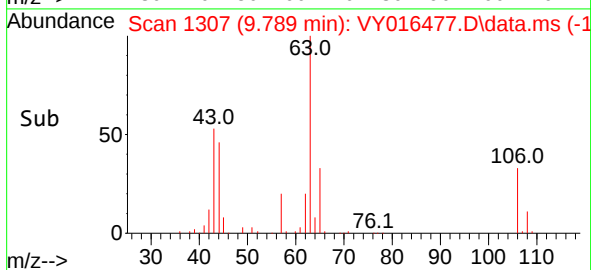
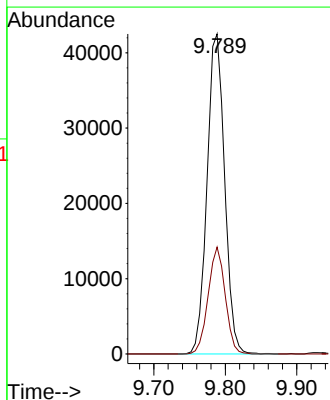
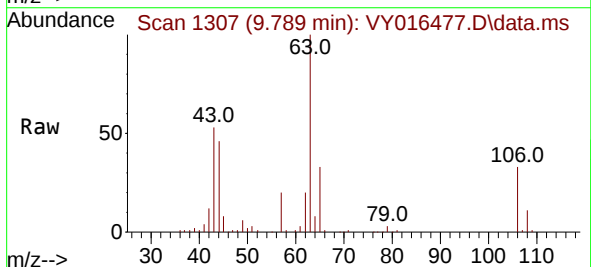
Manual Integrations
APPROVED

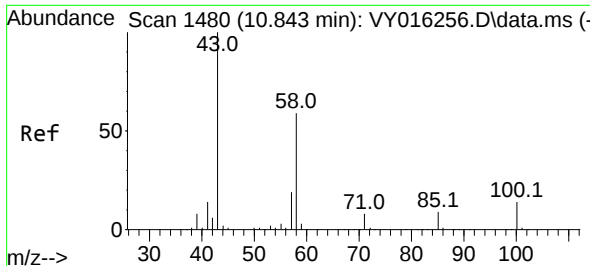
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#58
2-Chloroethyl Vinyl ether
Concen: 91.797 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

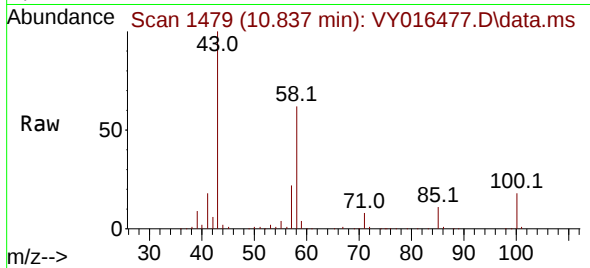
Tgt Ion: 63 Resp: 72479
Ion Ratio Lower Upper
63 100
106 32.4 21.2 31.8#





#59
2-Hexanone
Concen: 97.091 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

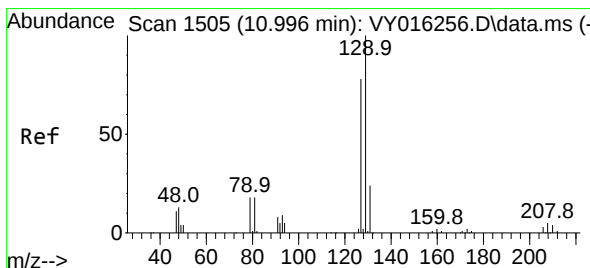
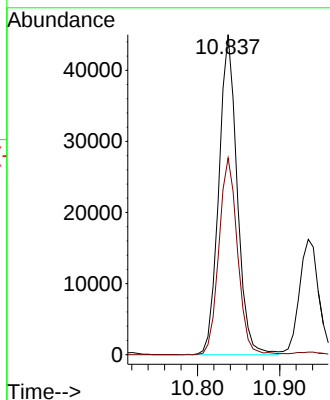
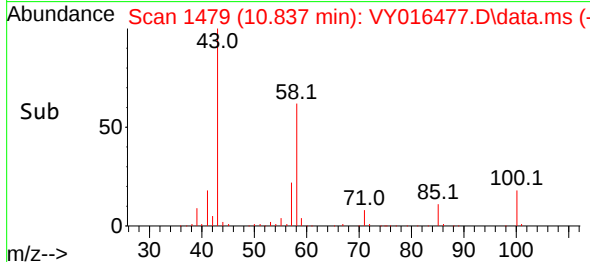
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBS01



Tgt Ion: 43 Resp: 6981
Ion Ratio Lower Upper
43 100
58 62.4 25.1 75.3

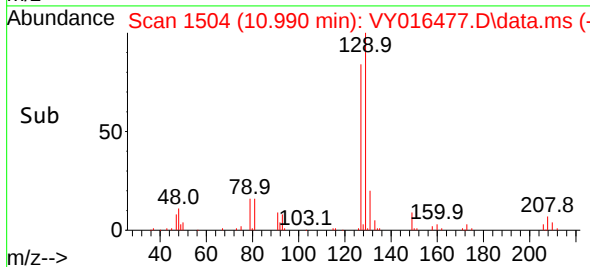
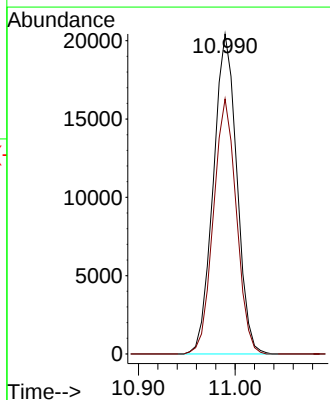
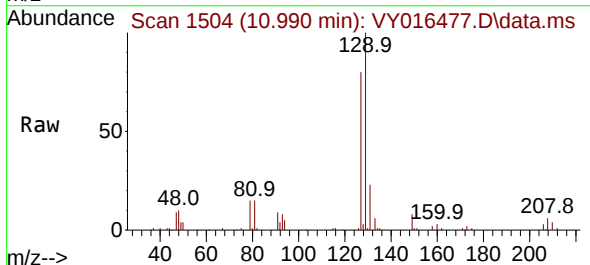
Manual Integrations
APPROVED

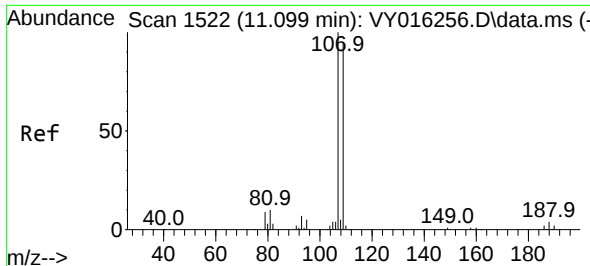
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#60
Dibromochloromethane
Concen: 22.316 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

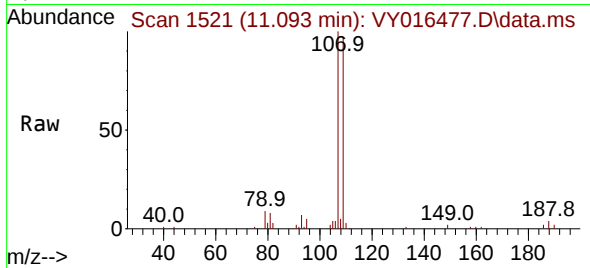
Tgt Ion:129 Resp: 34427
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61
1,2-Dibromoethane
Concen: 21.573 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

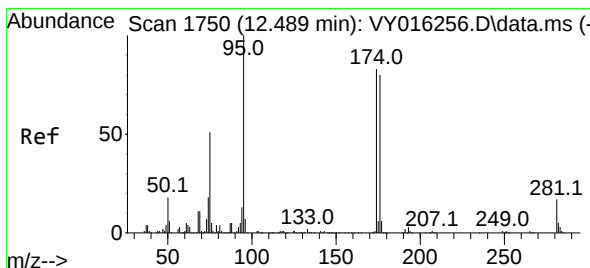
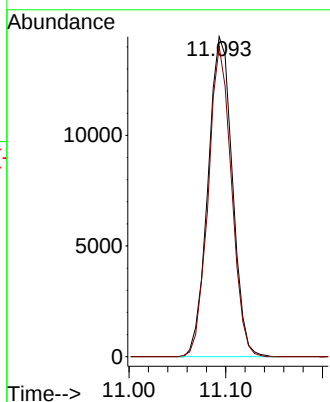
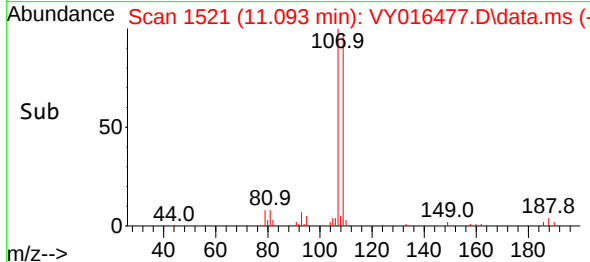
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



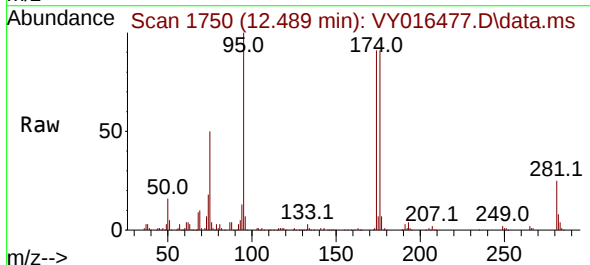
Tgt Ion:107 Resp: 2535
Ion Ratio Lower Upper
107 100
109 92.2 75.6 113.4

Manual Integrations
APPROVED

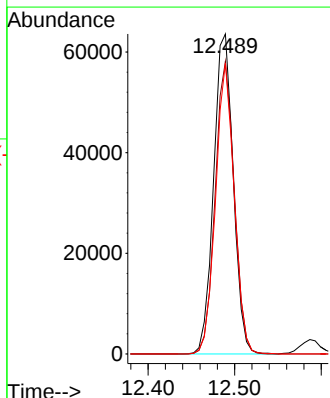
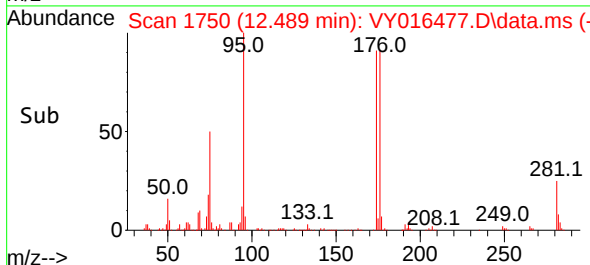
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#62
4-Bromofluorobenzene
Concen: 53.904 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53



Tgt Ion: 95 Resp: 100076
Ion Ratio Lower Upper
95 100
174 89.1 0.0 178.2
176 86.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBSD01

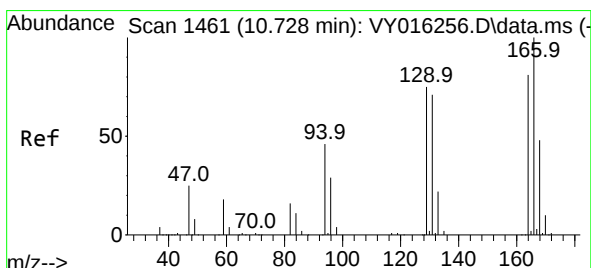
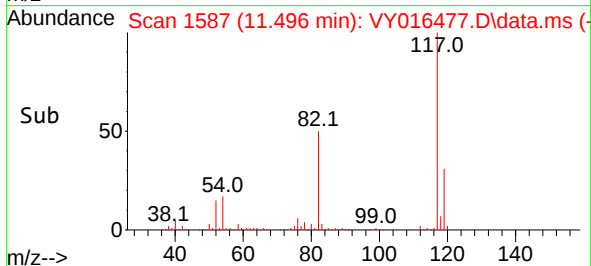
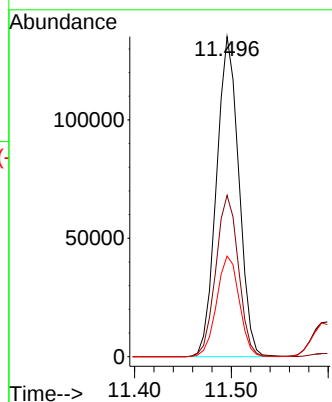
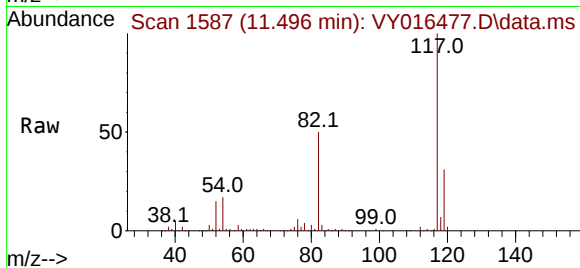
Tgt Ion:117 Resp: 21709

Ion	Ratio	Lower	Upper
117	100		
82	50.4	43.4	65.0
119	31.5	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#64

Tetrachloroethene

Concen: 22.346 ug/l

RT: 10.721 min Scan# 1460

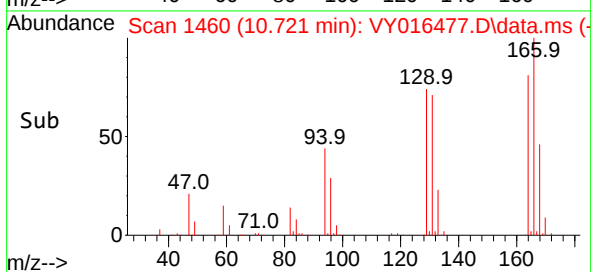
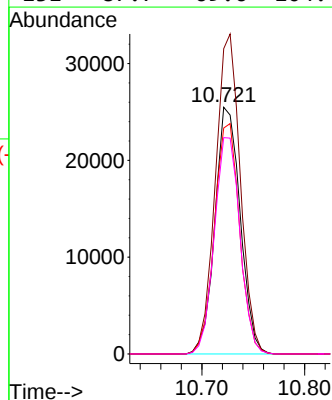
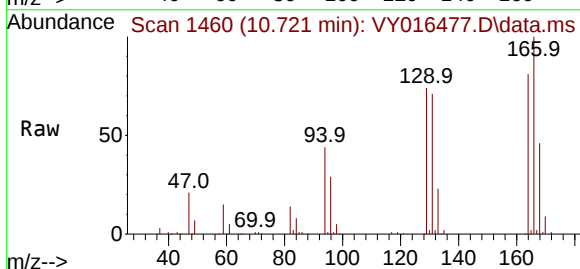
Delta R.T. -0.006 min

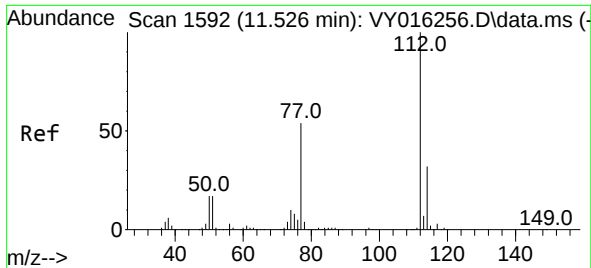
Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Tgt Ion:164 Resp: 43558

Ion	Ratio	Lower	Upper
164	100		
166	123.7	103.0	154.6
129	91.6	77.2	115.8
131	87.7	69.6	104.4





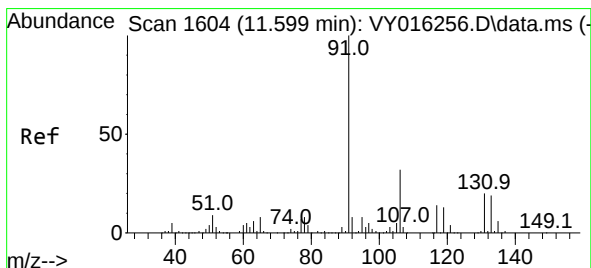
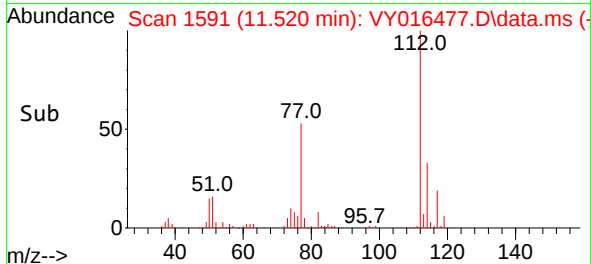
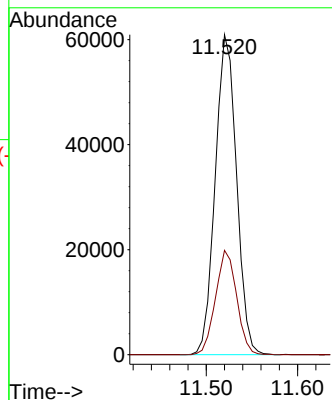
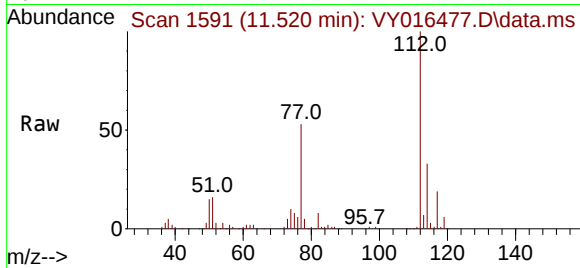
#65
Chlorobenzene
Concen: 21.268 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01

Tgt Ion:112 Resp: 9864
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3

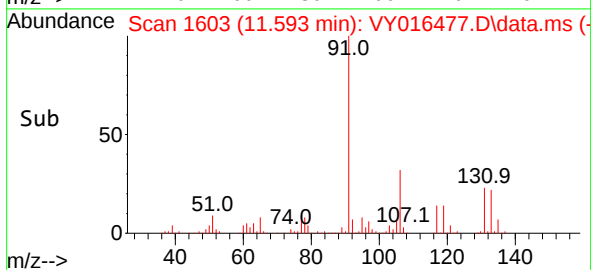
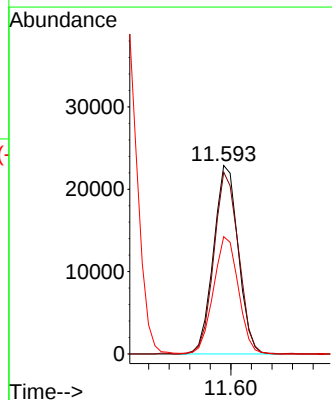
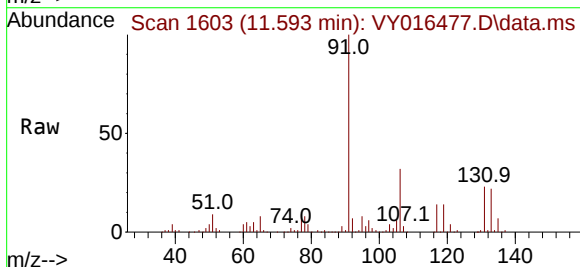
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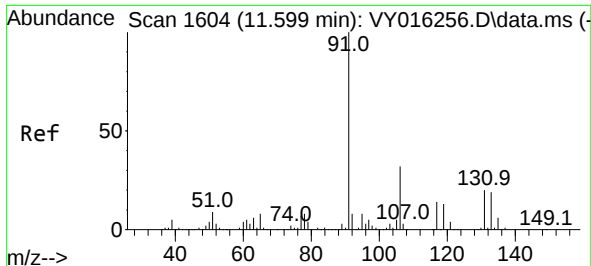
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 22.285 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Tgt Ion:131 Resp: 38124
Ion Ratio Lower Upper
131 100
133 96.4 47.5 142.6
119 63.0 31.6 94.7





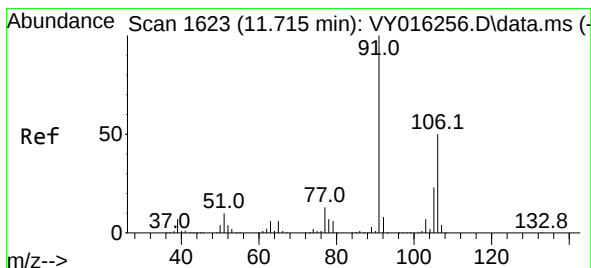
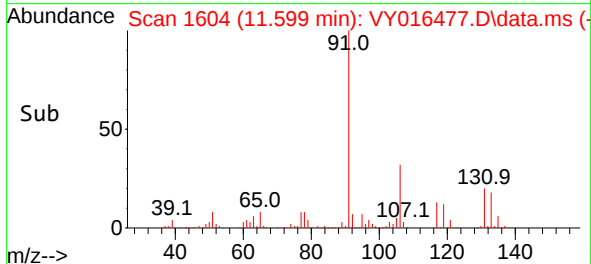
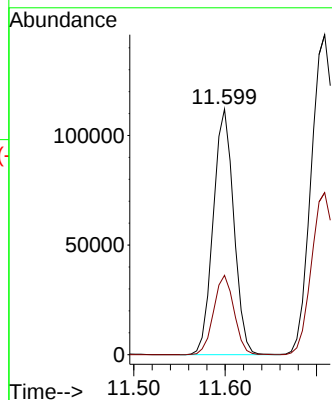
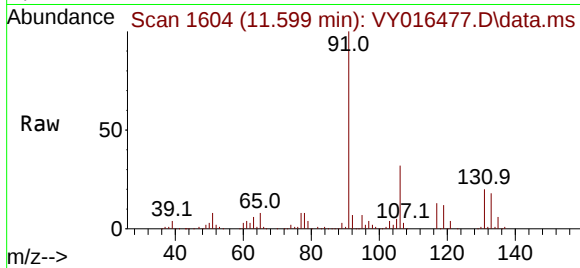
#67
Ethyl Benzene
Concen: 20.986 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01

Tgt Ion: 91 Resp: 174930
Ion Ratio Lower Upper
91 100
106 32.3 24.6 36.8

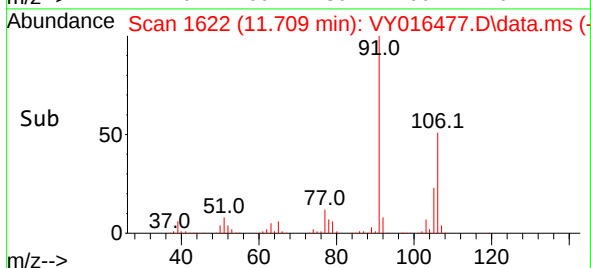
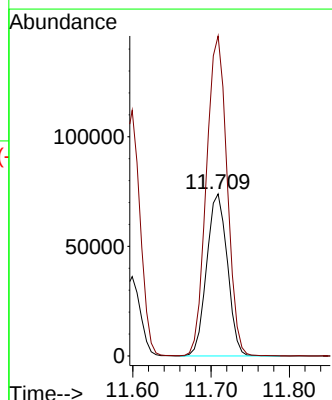
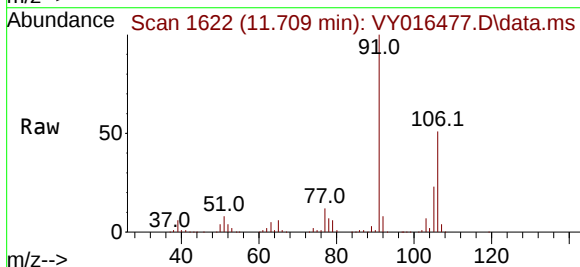
Manual Integrations
APPROVED

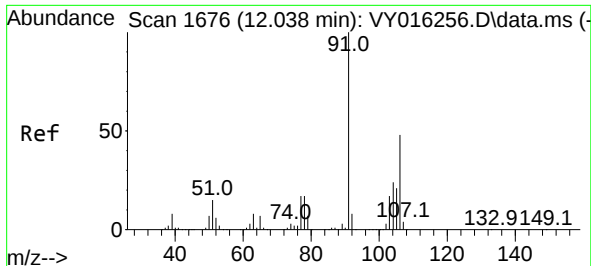
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#68
m/p-Xylenes
Concen: 42.875 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Tgt Ion:106 Resp: 135556
Ion Ratio Lower Upper
106 100
91 197.8 166.1 249.1





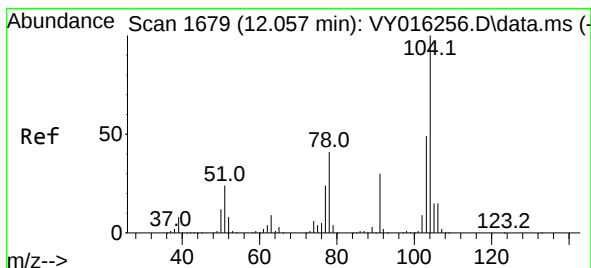
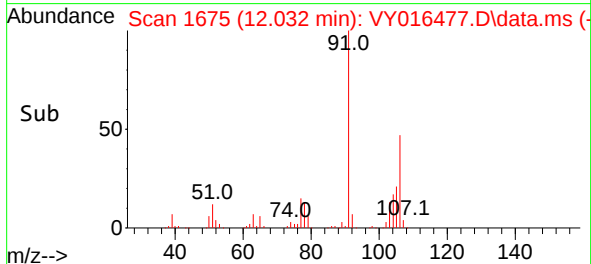
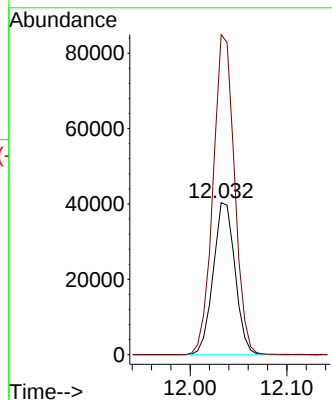
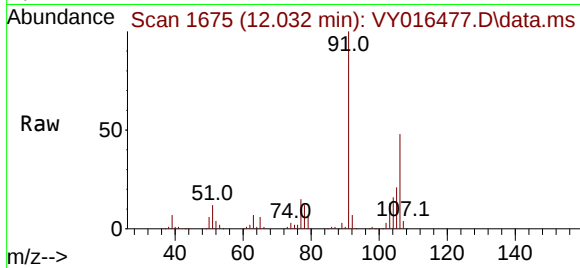
#69
o-Xylene
Concen: 21.537 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBS01

Tgt Ion:106 Resp: 63220
Ion Ratio Lower Upper
106 100
91 207.5 108.1 324.3

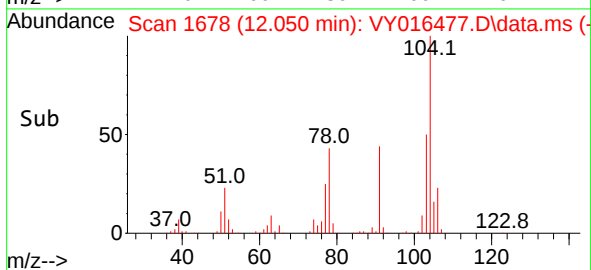
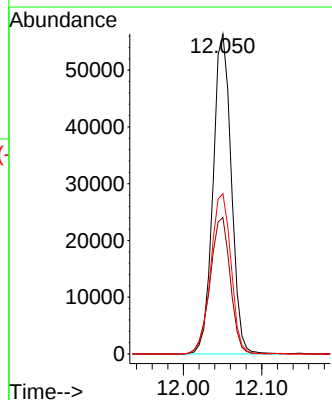
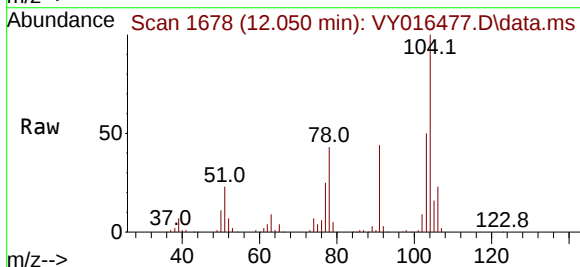
Manual Integrations
APPROVED

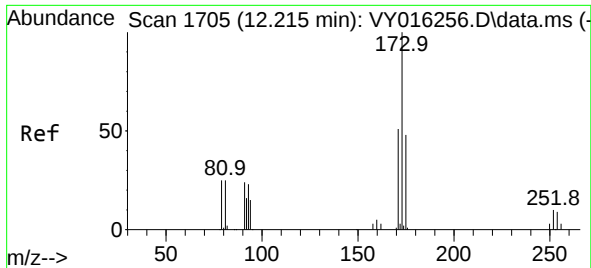
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#70
Styrene
Concen: 21.759 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

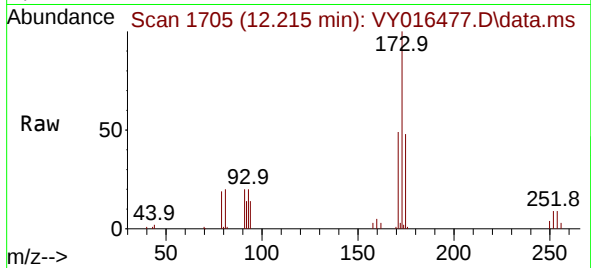
Tgt Ion:104 Resp: 91458
Ion Ratio Lower Upper
104 100
78 47.1 41.5 62.3
103 55.3 44.6 67.0





#71
Bromoform
Concen: 22.655 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

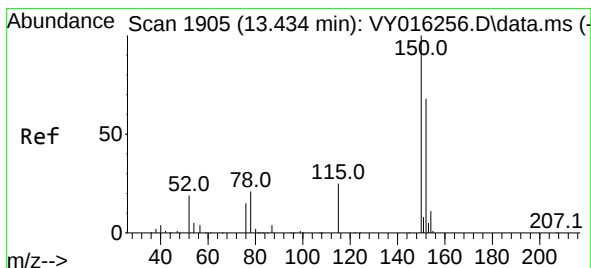
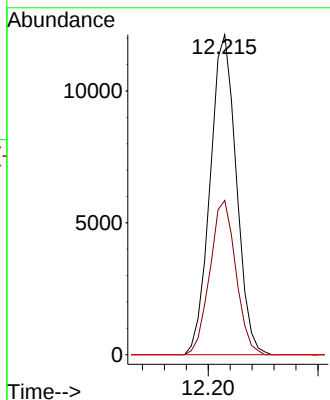
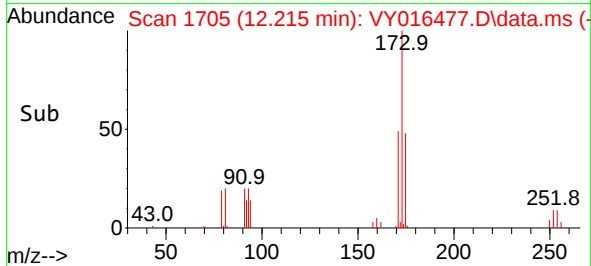
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



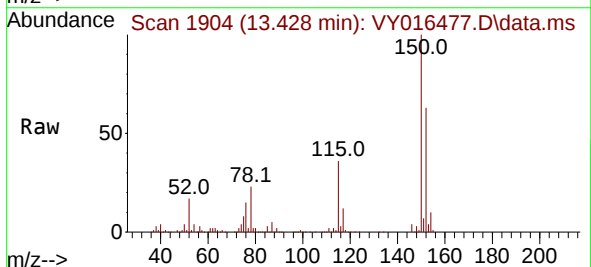
Tgt Ion:173 Resp: 20110
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

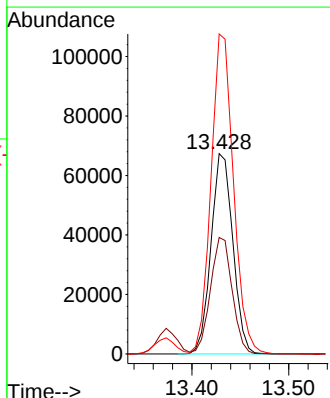
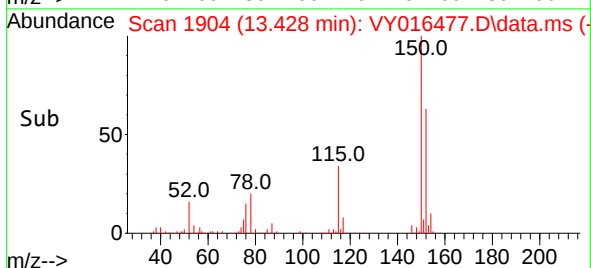
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023

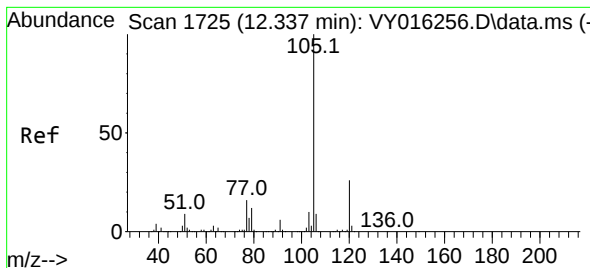


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53



Tgt Ion:152 Resp: 105521
Ion Ratio Lower Upper
152 100
115 57.8 28.8 86.5
150 164.7 0.0 348.8





#73

Isopropylbenzene

Concen: 20.155 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.000 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBSD01

Tgt Ion:105 Resp: 172220

Ion Ratio Lower Upper

105 100

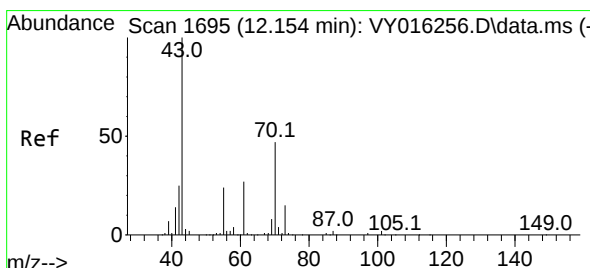
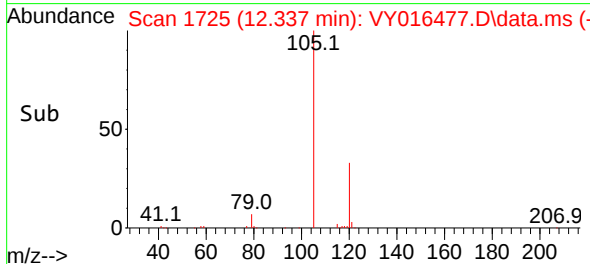
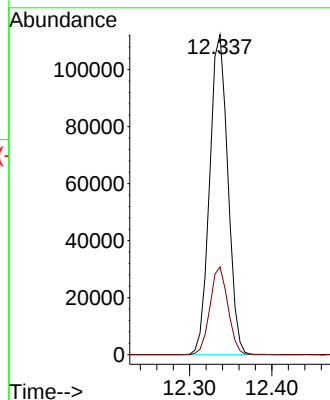
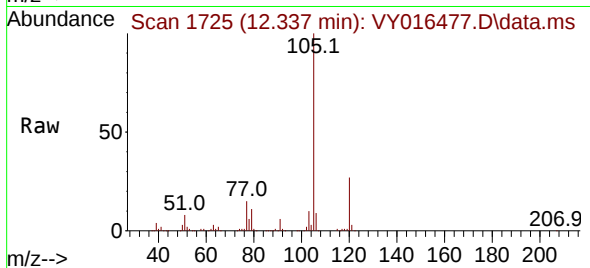
120 27.1 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023

Supervised By :Semsettin Yesilyurt 11/27/2023



#74

N-ethyl acetate

Concen: 16.066 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Tgt Ion: 43 Resp: 27575

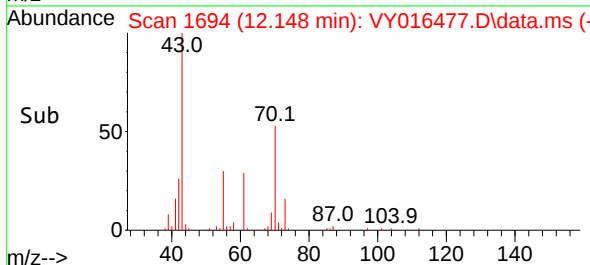
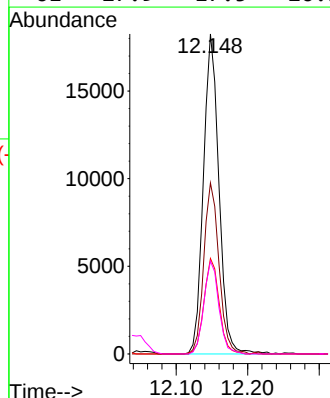
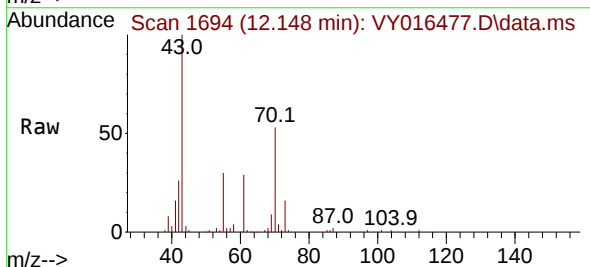
Ion Ratio Lower Upper

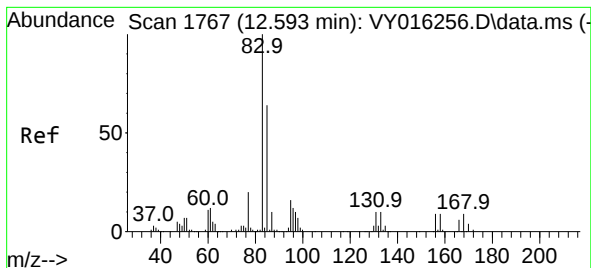
43 100

70 52.3 29.7 44.5#

55 29.2 18.3 27.5#

61 27.9 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.451 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

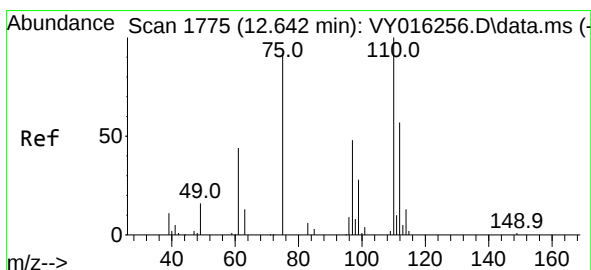
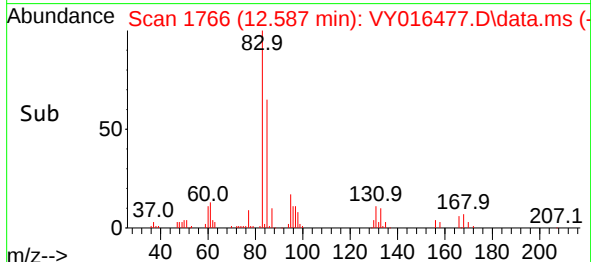
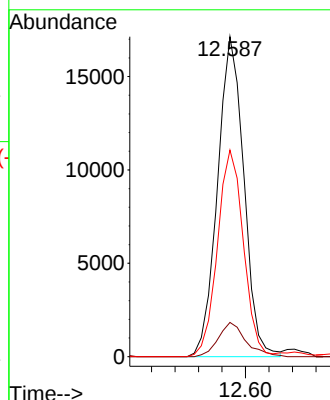
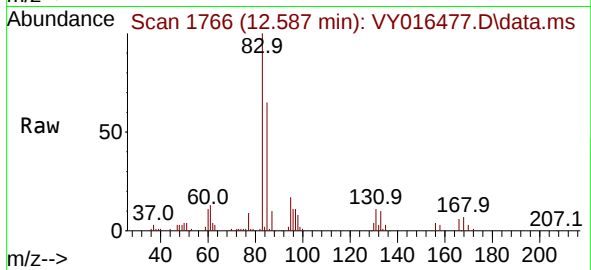
VY1124SBS01

Tgt Ion: 83	Resp: 26670
Ion Ratio	Lower Upper
83 100	
131 11.2	5.4 16.2
85 63.7	31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#76

1,2,3-Trichloropropane

Concen: 19.558 ug/l m

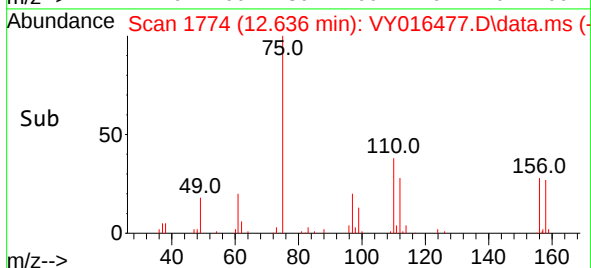
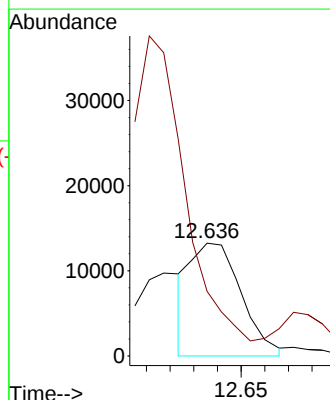
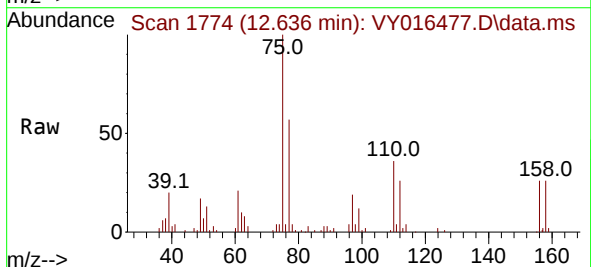
RT: 12.636 min Scan# 1774

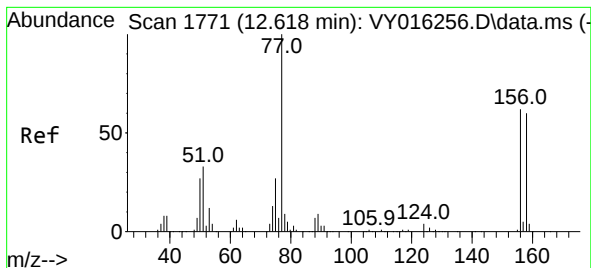
Delta R.T. -0.006 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Tgt Ion: 75	Resp: 19798
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0





#77

Bromobenzene

Concen: 20.973 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

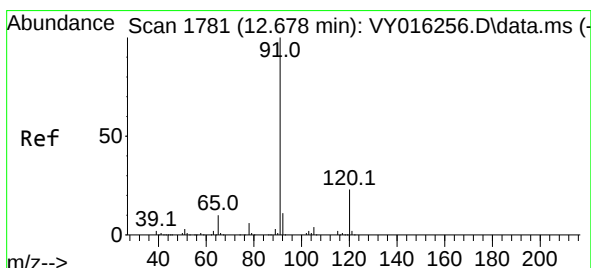
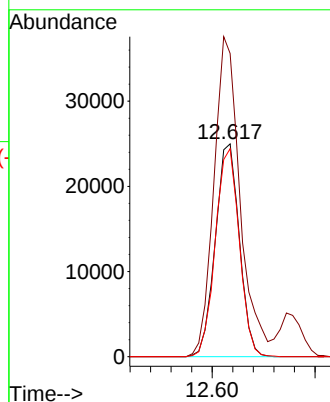
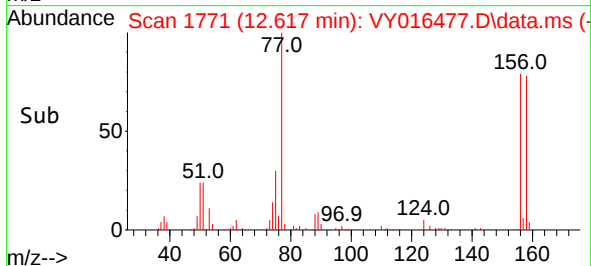
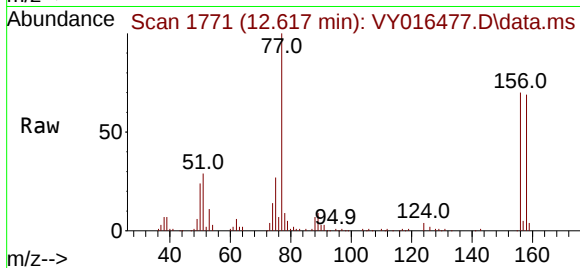
VY1124SBS01

Tgt Ion:	156	Resp:	4050
Ion Ratio	Lower	Upper	
156	100		
77	163.4	92.8	278.6
158	97.3	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#78

n-propylbenzene

Concen: 19.990 ug/l

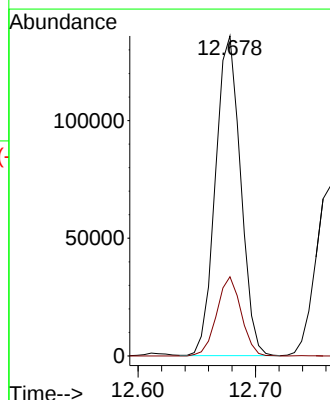
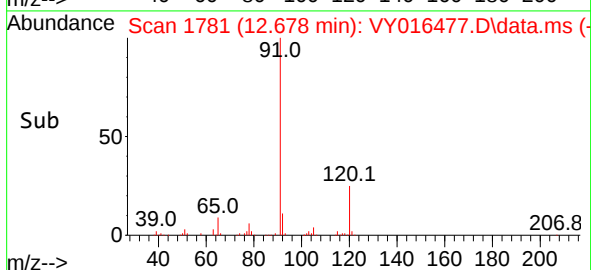
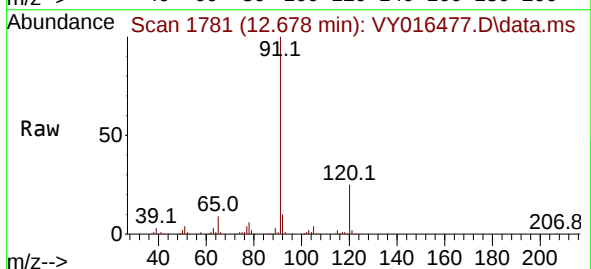
RT: 12.678 min Scan# 1781

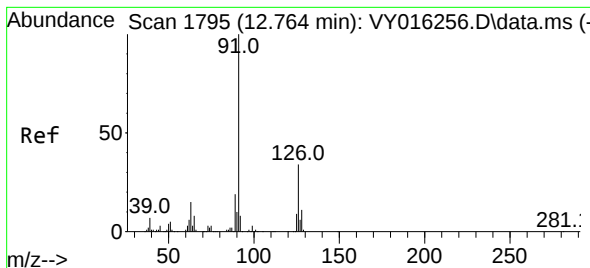
Delta R.T. -0.000 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

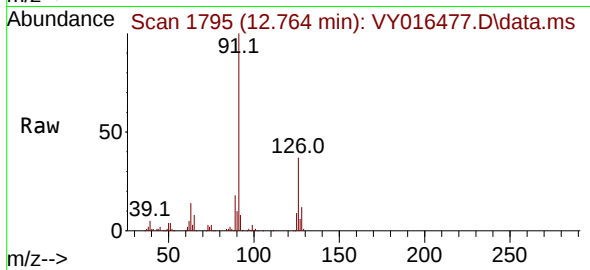
Tgt Ion:	91	Resp:	201864
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.5	34.4





#79
2-Chlorotoluene
Concen: 20.037 ug/l
RT: 12.764 min Scan# 11150
Delta R.T. -0.000 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

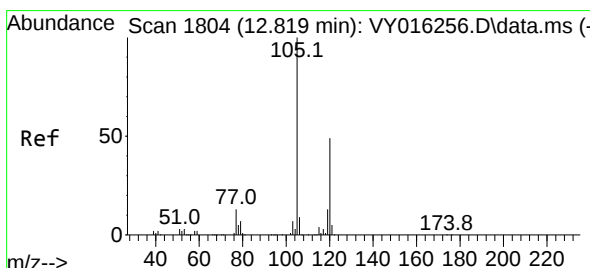
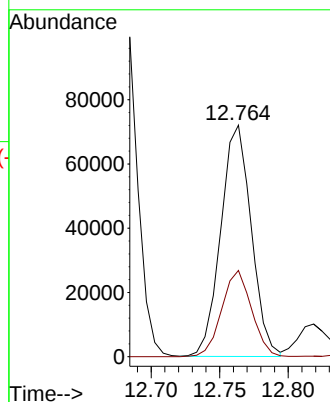
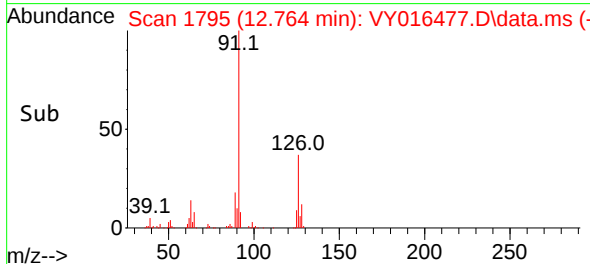
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01



Tgt Ion: 91 Resp: 11150
Ion Ratio Lower Upper
91 100
126 36.5 17.3 51.7

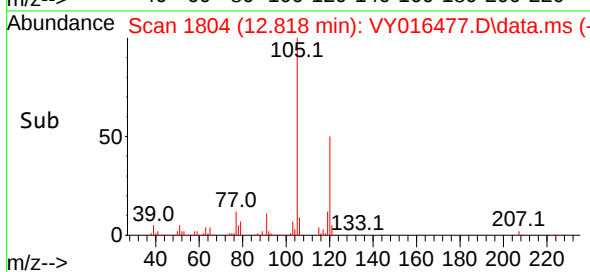
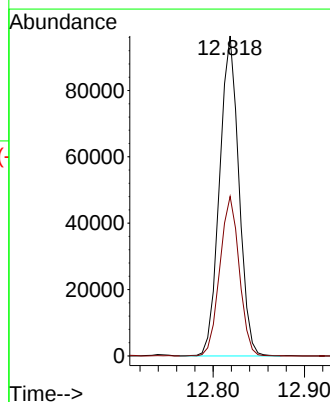
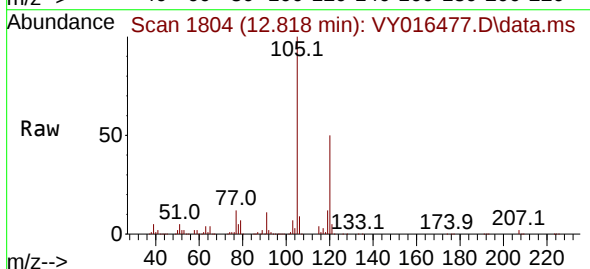
Manual Integrations
APPROVED

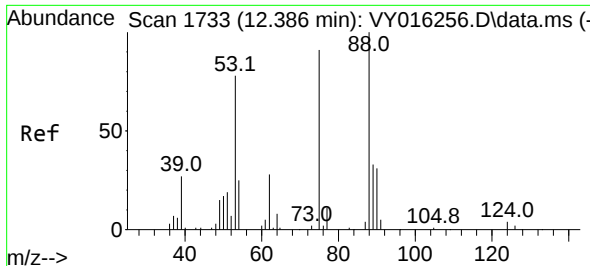
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.587 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Tgt Ion:105 Resp: 141831
Ion Ratio Lower Upper
105 100
120 50.0 23.9 71.7





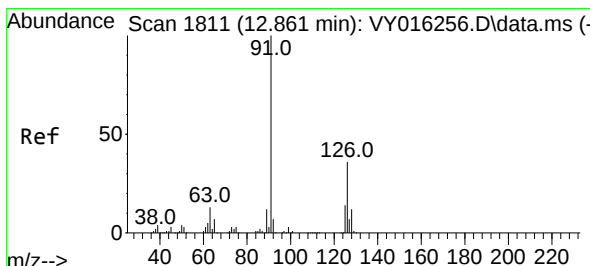
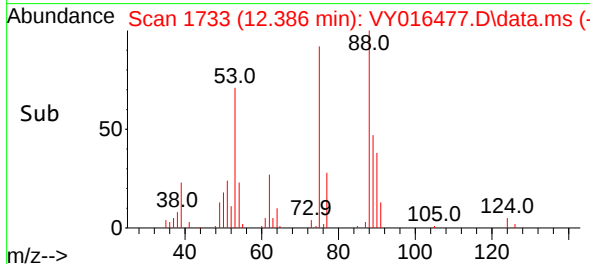
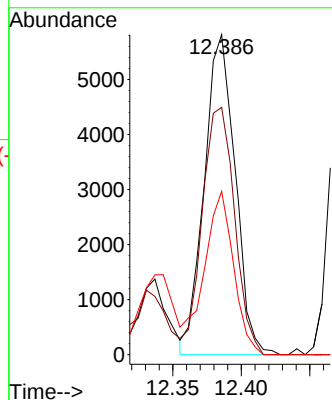
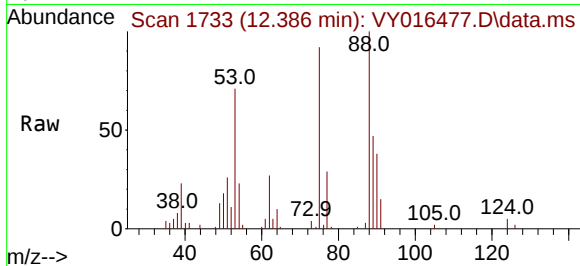
#81
trans-1,4-Dichloro-2-butene
Concen: 19.543 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01

Tgt Ion: 75 Resp: 9114
Ion Ratio Lower Upper
75 100
53 80.8 77.8 116.8
89 48.8 37.4 56.0

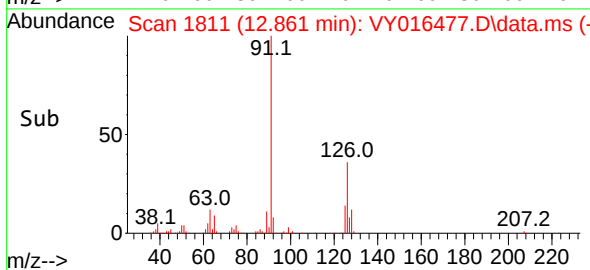
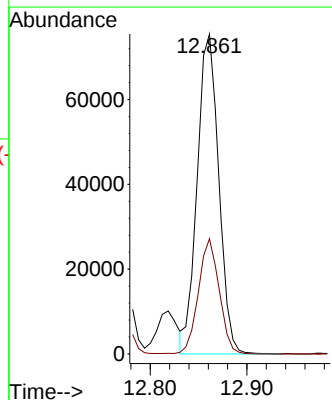
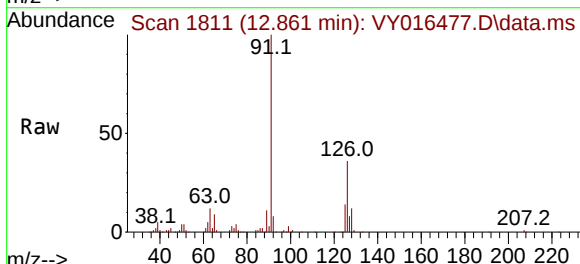
Manual Integrations
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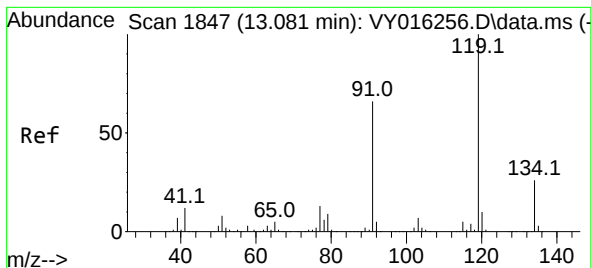
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#82
4-Chlorotoluene
Concen: 20.353 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

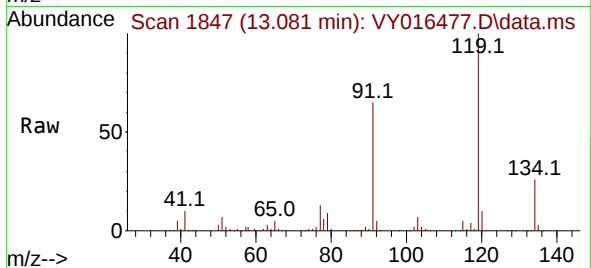
Tgt Ion: 91 Resp: 117039
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.479 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

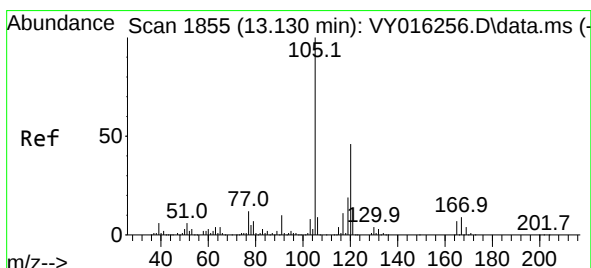
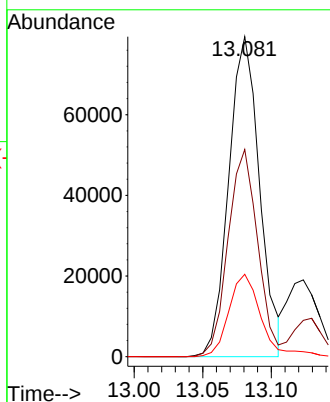
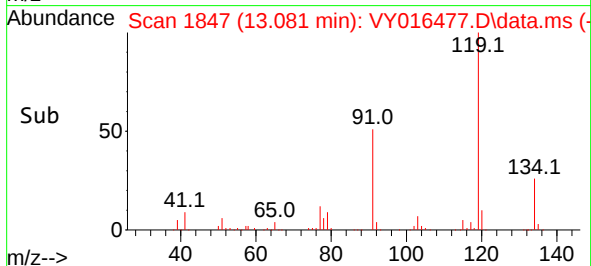
Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBS01



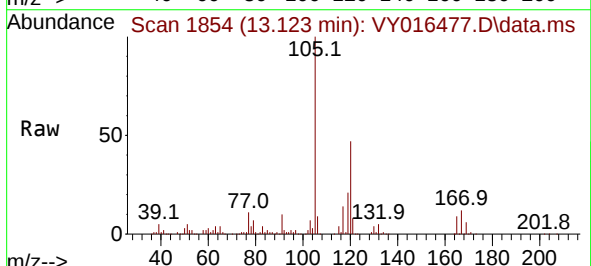
Tgt Ion:119 Resp: 124268
Ion Ratio Lower Upper
119 100
91 62.1 32.9 98.6
134 26.9 13.0 38.9

Manual Integrations
APPROVED

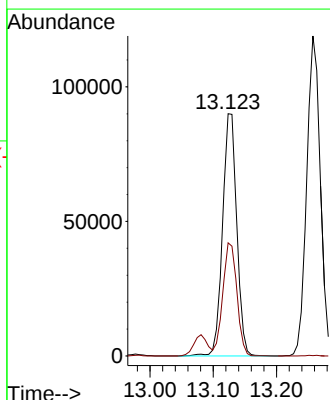
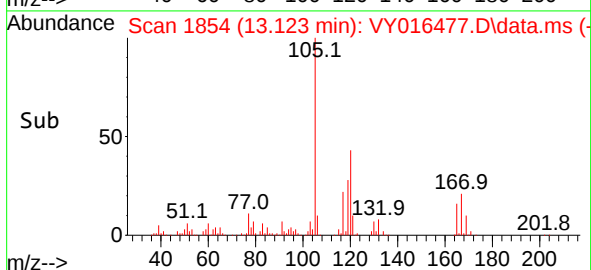
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023

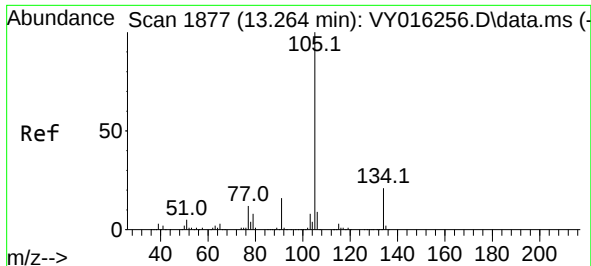


#84
1,2,4-Trimethylbenzene
Concen: 20.597 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53



Tgt Ion:105 Resp: 139722
Ion Ratio Lower Upper
105 100
120 46.3 22.2 66.6





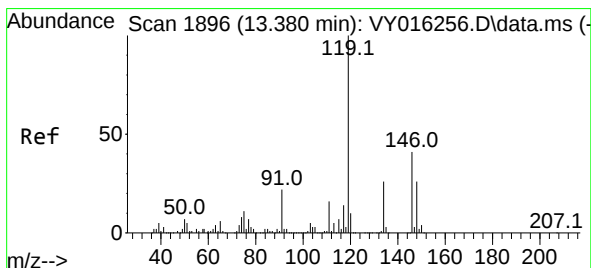
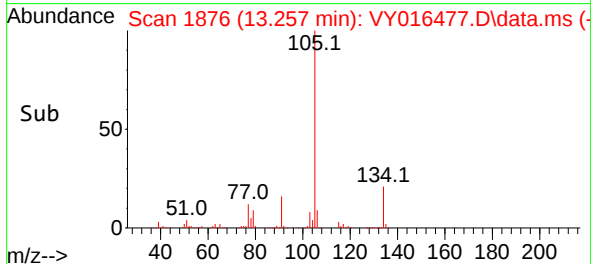
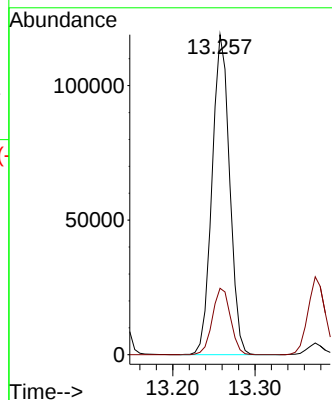
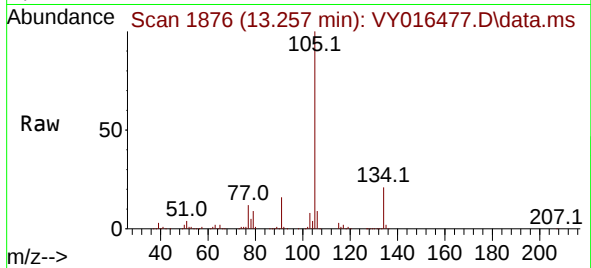
#85
 sec-Butylbenzene
 Concen: 20.433 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY016477.D
 Acq: 24 Nov 2023 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1124SBS01

Tgt Ion:105 Resp: 177135
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.2 30.6

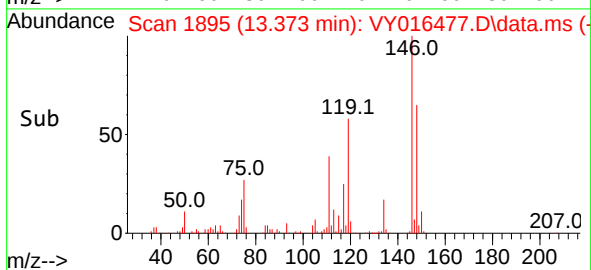
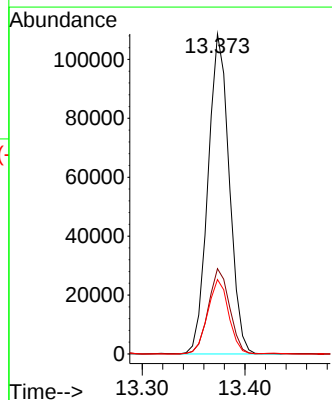
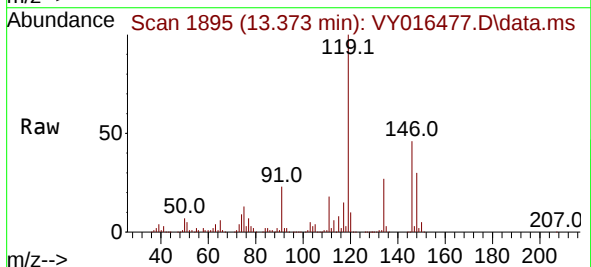
Manual Integrations
 APPROVED

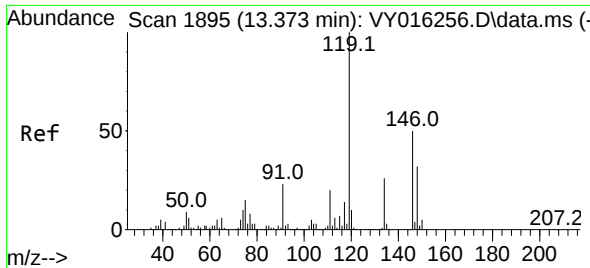
Reviewed By :Mahesh Dadoda 11/27/2023
 Supervised By :Semsettin Yesilyurt 11/27/2023



#86
 p-Isopropyltoluene
 Concen: 20.934 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY016477.D
 Acq: 24 Nov 2023 11:53

Tgt Ion:119 Resp: 156266
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 23.1 12.4 37.4





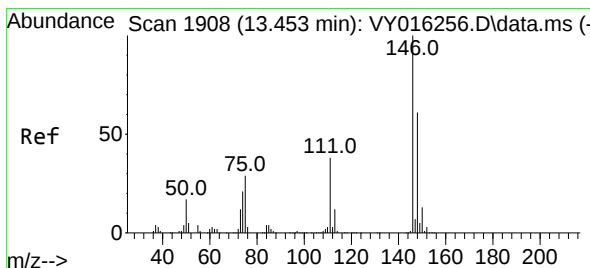
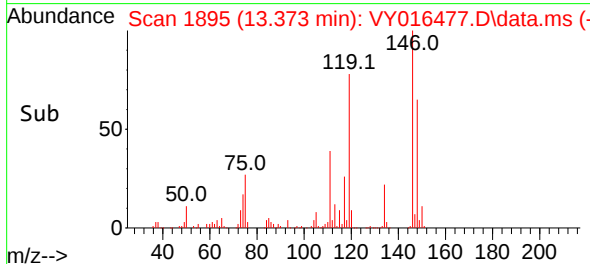
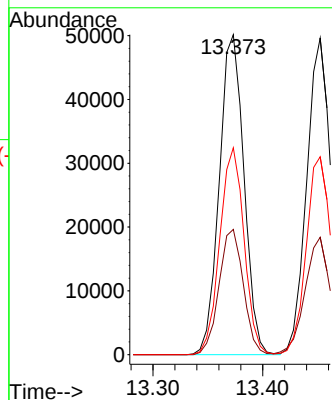
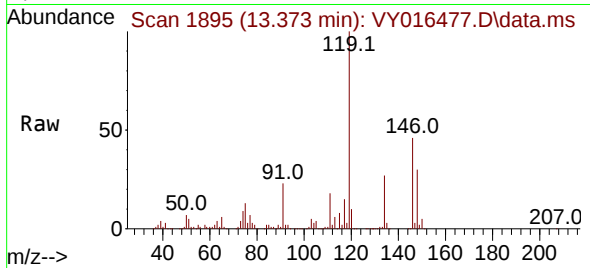
#87
1,3-Dichlorobenzene
Concen: 21.093 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBS01

Tgt Ion:146 Resp: 78372
Ion Ratio Lower Upper
146 100
111 38.7 19.4 58.2
148 63.7 31.9 95.5

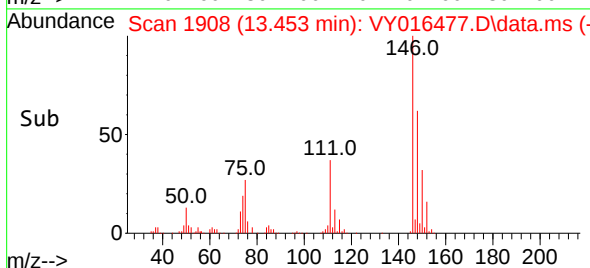
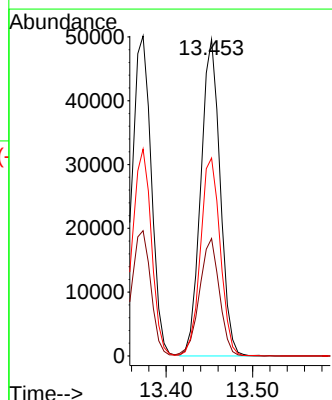
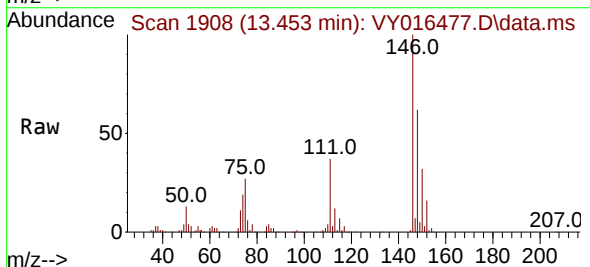
Manual Integrations
APPROVED

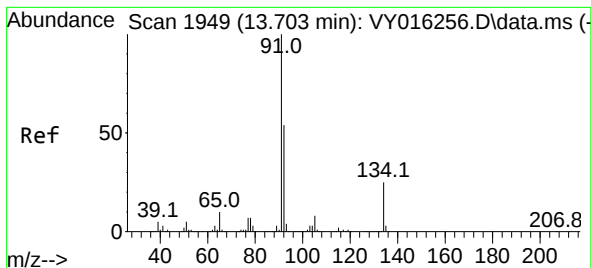
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#88
1,4-Dichlorobenzene
Concen: 21.182 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Tgt Ion:146 Resp: 76915
Ion Ratio Lower Upper
146 100
111 38.3 18.9 56.7
148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 20.129 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY1124SBSD01

Tgt Ion: 91 Resp: 13876

Ion Ratio Lower Upper

91 100

92 52.5 25.4 76.0

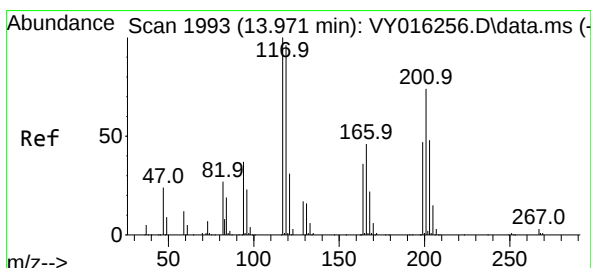
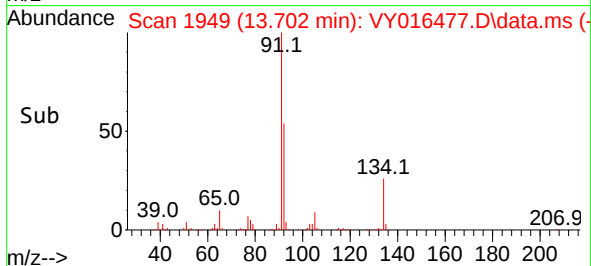
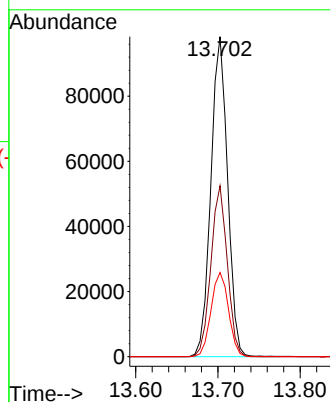
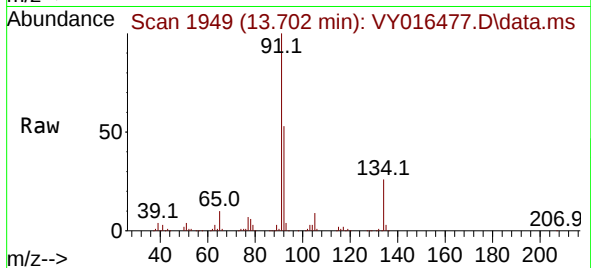
134 27.4 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023

Supervised By :Semsettin Yesilyurt 11/27/2023



#90

Hexachloroethane

Concen: 20.375 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY016477.D

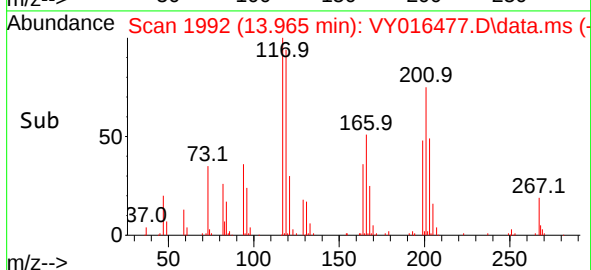
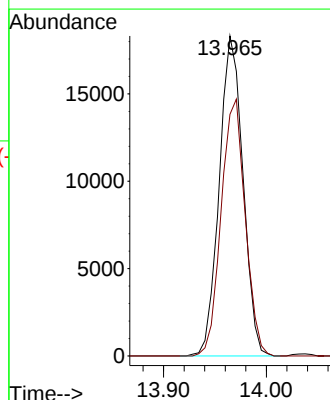
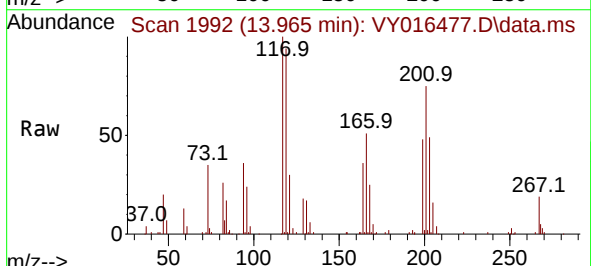
Acq: 24 Nov 2023 11:53

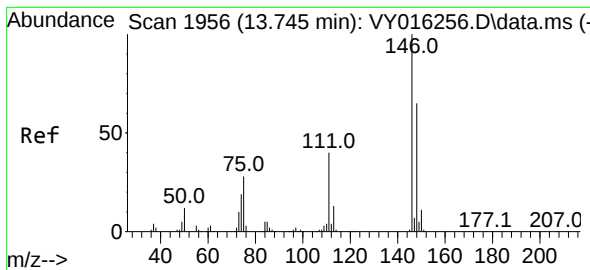
Tgt Ion:117 Resp: 29340

Ion Ratio Lower Upper

117 100

201 81.2 41.6 124.8





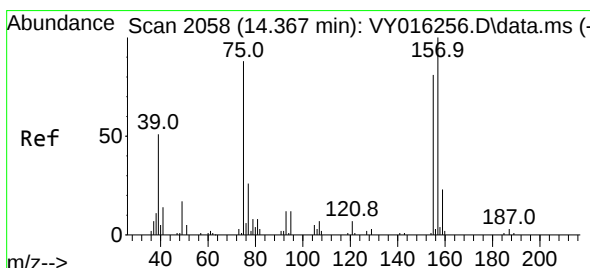
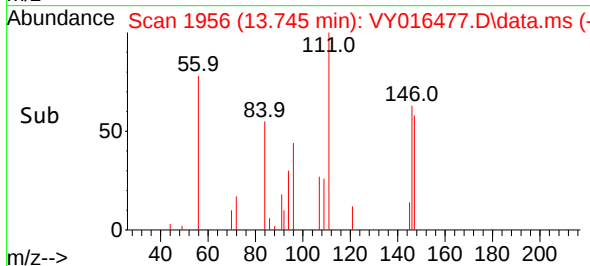
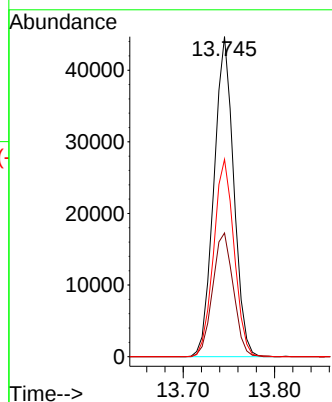
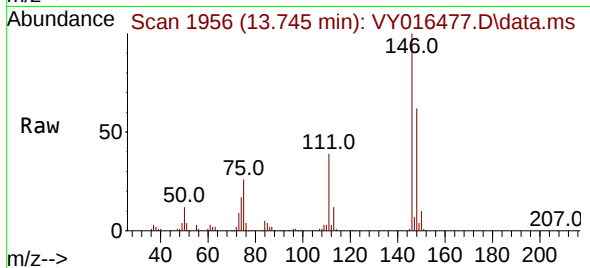
#91
1,2-Dichlorobenzene
Concen: 21.145 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VY1124SBSD01

Tgt Ion:146 Resp: 6732
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.0
148 63.6 32.0 96.2

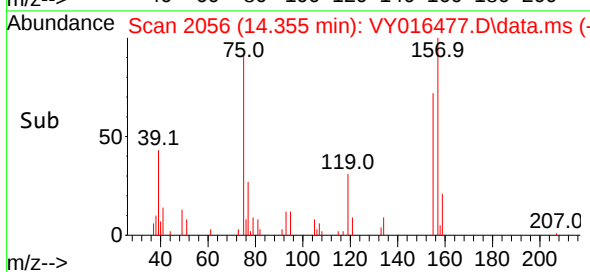
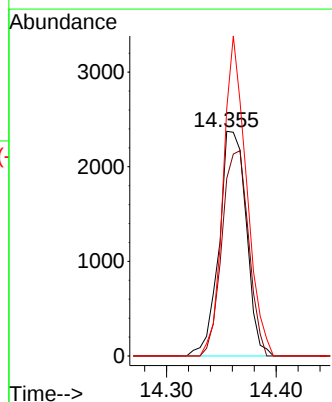
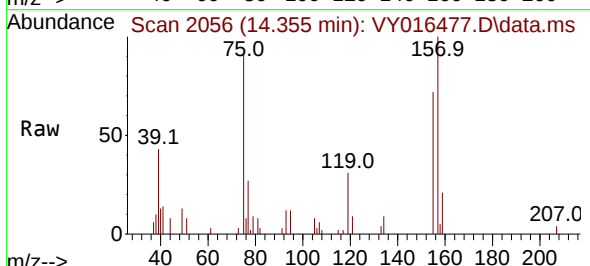
Manual Integrations
APPROVED

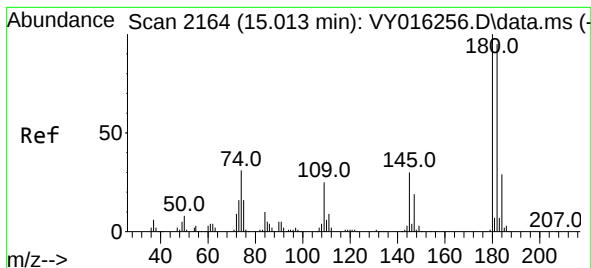
Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.694 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.012 min
Lab File: VY016477.D
Acq: 24 Nov 2023 11:53

Tgt Ion: 75 Resp: 4078
Ion Ratio Lower Upper
75 100
155 89.3 41.5 124.6
157 122.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 22.069 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

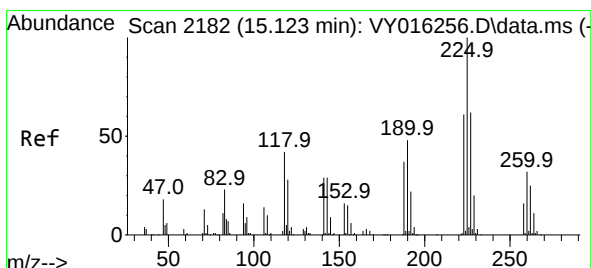
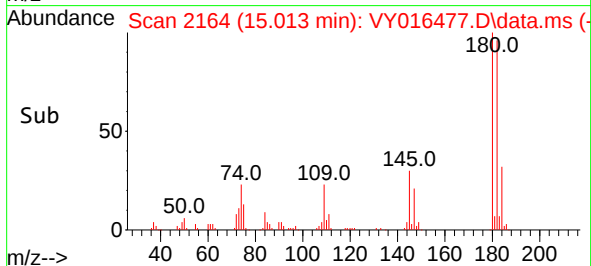
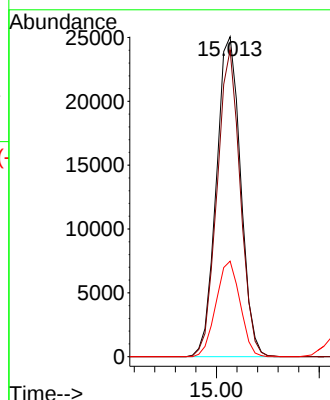
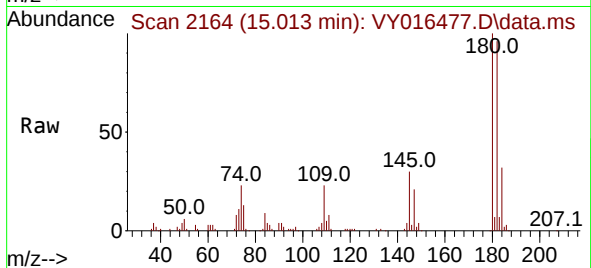
VY1124SBS01

Tgt Ion:180	Resp:	4101
Ion Ratio	Lower	Upper
180	100	
182	91.5	47.0 141.2
145	29.6	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#94

Hexachlorobutadiene

Concen: 23.129 ug/l

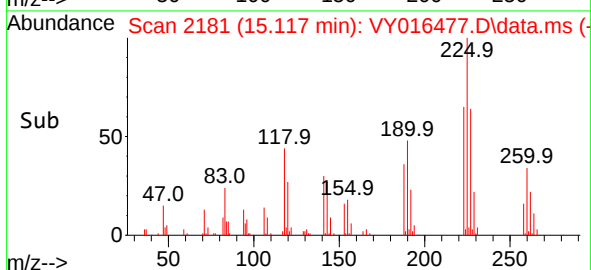
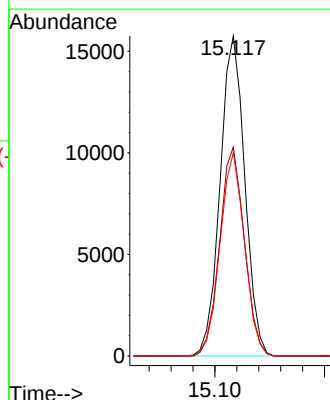
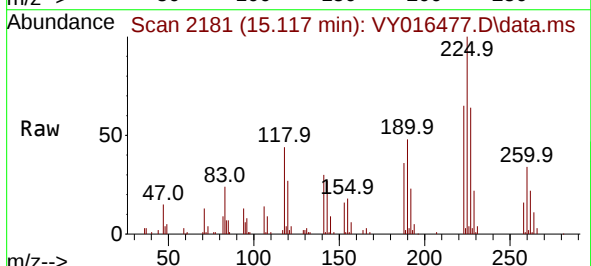
RT: 15.117 min Scan# 2181

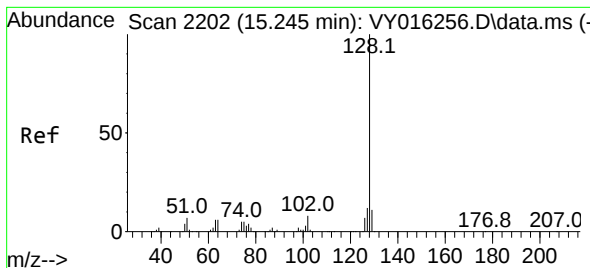
Delta R.T. -0.006 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Tgt Ion:225	Resp:	24625
Ion Ratio	Lower	Upper
225	100	
223	65.4	31.9 95.9
227	62.9	33.0 98.9





#95

Naphthalene

Concen: 20.390 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

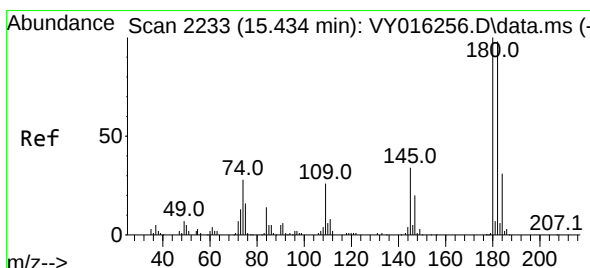
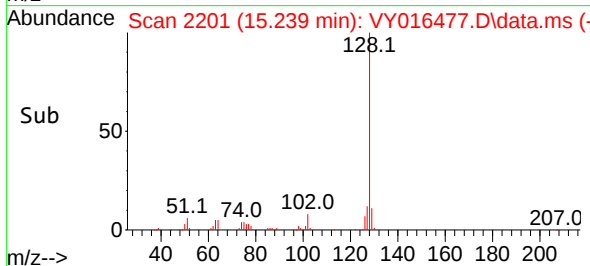
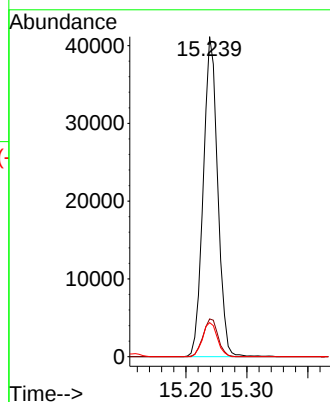
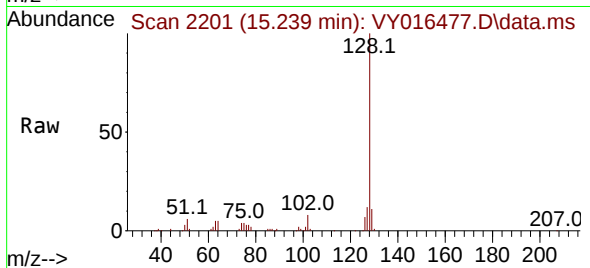
VY1124SBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.8	16.2
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/27/2023
Supervised By :Semsettin Yesilyurt 11/27/2023



#96

1,2,3-Trichlorobenzene

Concen: 21.281 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016477.D

Acq: 24 Nov 2023 11:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	141.8
145	31.8	15.4	46.2

