

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016319.D
 Acq On : 13 Nov 2023 11:15
 Operator : SY/MD
 Sample : VY1113SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

Quant Time: Nov 14 04:36:58 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	7.813	168	158926	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	257209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	222864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	102632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	70020	48.206	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.420%		
35) Dibromofluoromethane	7.740	113	74012	50.655	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.300%		
50) Toluene-d8	10.197	98	289931	48.933	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.860%		
62) 4-Bromofluorobenzene	12.495	95	92537	48.087	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	30523	19.614	ug/l	95
3) Chloromethane	2.125	50	34745	19.065	ug/l	100
4) Vinyl Chloride	2.266	62	36228	18.486	ug/l	100
5) Bromomethane	2.662	94	23687	18.392	ug/l	94
6) Chloroethane	2.814	64	23200	18.553	ug/l	93
7) Trichlorofluoromethane	3.143	101	58338	20.461	ug/l	99
8) Diethyl Ether	3.552	74	17213	20.200	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.924	101	34039	19.822	ug/l	96
10) Methyl Iodide	4.113	142	35356	19.063	ug/l	98
11) Tert butyl alcohol	4.985	59	9501	83.530	ug/l #	85
12) 1,1-Dichloroethene	3.899	96	31545	19.642	ug/l	87
13) Acrolein	3.747	56	13659	99.559	ug/l	100
14) Allyl chloride	4.503	41	45417	19.928	ug/l #	91
15) Acrylonitrile	5.192	53	33576	99.286	ug/l	99
16) Acetone	3.966	43	28460	118.452	ug/l #	89
17) Carbon Disulfide	4.223	76	87753	18.110	ug/l	99
18) Methyl Acetate	4.497	43	25561	20.021	ug/l	91
19) Methyl tert-butyl Ether	5.247	73	77919	20.046	ug/l	98
20) Methylene Chloride	4.741	84	39529	21.290	ug/l	89
21) trans-1,2-Dichloroethene	5.253	96	36029	19.484	ug/l	91
22) Diisopropyl ether	6.143	45	101444	20.654	ug/l	89
23) Vinyl Acetate	6.088	43	237162	99.653	ug/l #	91
24) 1,1-Dichloroethane	6.045	63	61214	20.202	ug/l	96
25) 2-Butanone	7.009	43	45226	107.467	ug/l	91
26) 2,2-Dichloropropane	7.009	77	56526	20.497	ug/l	96
27) cis-1,2-Dichloroethene	7.015	96	40312	20.229	ug/l	92
28) Bromochloromethane	7.362	49	23253	20.735	ug/l	88
29) Tetrahydrofuran	7.374	42	26729	96.092	ug/l	91
30) Chloroform	7.527	83	64567	20.472	ug/l	96
31) Cyclohexane	7.807	56	54058	18.903	ug/l	86
32) 1,1,1-Trichloroethane	7.728	97	58328	20.175	ug/l	97
36) 1,1-Dichloropropene	7.941	75	50047	19.726	ug/l	99
37) Ethyl Acetate	7.100	43	19584	19.104	ug/l	95
38) Carbon Tetrachloride	7.923	117	53308	20.245	ug/l	99
39) Methylcyclohexane	9.203	83	58871	18.622	ug/l	93
40) Benzene	8.179	78	143939	20.193	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016319.D
 Acq On : 13 Nov 2023 11:15
 Operator : SY/MD
 Sample : VY1113SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

Quant Time: Nov 14 04:36:58 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)
41) Methacrylonitrile	7.350	41	13291m	25.714	ug/l	
42) 1,2-Dichloroethane	8.258	62	37693	20.409	ug/l	93
43) Isopropyl Acetate	8.289	43	37879	19.116	ug/l #	91
44) Trichloroethene	8.960	130	41023	20.025	ug/l	99
45) 1,2-Dichloropropane	9.234	63	35269	20.603	ug/l	95
46) Dibromomethane	9.325	93	18973	20.453	ug/l	97
47) Bromodichloromethane	9.514	83	48524	20.346	ug/l	97
48) Methyl methacrylate	9.313	41	21260	19.413	ug/l	85
49) 1,4-Dioxane	9.319	88	3687	374.373	ug/l #	54
51) 4-Methyl-2-Pentanone	10.087	43	96925	96.731	ug/l	90
52) Toluene	10.258	92	91739	20.360	ug/l	95
53) t-1,3-Dichloropropene	10.484	75	46720	20.208	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	56484	20.455	ug/l	92
55) 1,1,2-Trichloroethane	10.660	97	26709	20.889	ug/l	94
56) Ethyl methacrylate	10.526	69	23802	19.721	ug/l #	83
57) 1,3-Dichloropropane	10.807	76	45050	20.670	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	78441	95.847	ug/l	92
59) 2-Hexanone	10.849	43	81027	108.715	ug/l	89
60) Dibromochloromethane	11.002	129	33433	20.908	ug/l	98
61) 1,2-Dibromoethane	11.105	107	24736	20.307	ug/l	99
64) Tetrachloroethene	10.740	164	40270	20.124	ug/l	95
65) Chlorobenzene	11.532	112	98403	20.666	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	36916	21.020	ug/l	99
67) Ethyl Benzene	11.605	91	174369	20.377	ug/l	99
68) m/p-Xylenes	11.721	106	133215	41.044	ug/l	94
69) o-Xylene	12.044	106	61110	20.279	ug/l	98
70) Styrene	12.063	104	88581	20.529	ug/l	99
71) Bromoform	12.227	173	18895	20.735	ug/l #	96
73) Isopropylbenzene	12.343	105	168492	20.274	ug/l	100
74) N-amyl acetate	12.160	43	31794	19.045	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.599	83	27228	20.417	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	18742m	19.036	ug/l	
77) Bromobenzene	12.623	156	38086	20.276	ug/l	96
78) n-propylbenzene	12.684	91	201395	20.505	ug/l	100
79) 2-Chlorotoluene	12.770	91	110470	20.409	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	137802	20.565	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	9078	20.014	ug/l	91
82) 4-Chlorotoluene	12.867	91	115045	20.569	ug/l	99
83) tert-Butylbenzene	13.093	119	122907	20.825	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	133362	20.213	ug/l	98
85) sec-Butylbenzene	13.270	105	172062	20.406	ug/l	99
86) p-Isopropyltoluene	13.386	119	148462	20.448	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	75241	20.821	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	72789	20.610	ug/l	98
89) n-Butylbenzene	13.709	91	136298	20.328	ug/l	98
90) Hexachloroethane	13.977	117	28505	20.353	ug/l	90
91) 1,2-Dichlorobenzene	13.757	146	63315	20.446	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3872	18.249	ug/l	91
93) 1,2,4-Trichlorobenzene	15.019	180	36432	20.156	ug/l	99
94) Hexachlorobutadiene	15.129	225	22117	21.358	ug/l	97
95) Naphthalene	15.251	128	62071	19.201	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	29814	19.942	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
Data File : VY016319.D
Acq On : 13 Nov 2023 11:15
Operator : SY/MD
Sample : VY1113SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

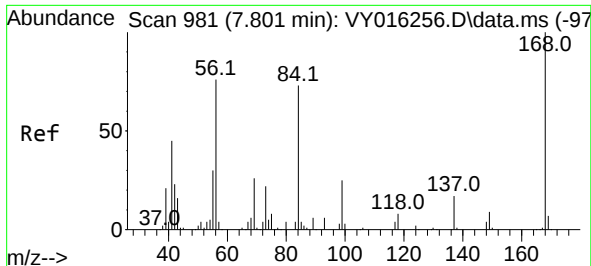
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

Quant Time: Nov 14 04:36:58 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)
----------	------	------	----------	------	-------	----------

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



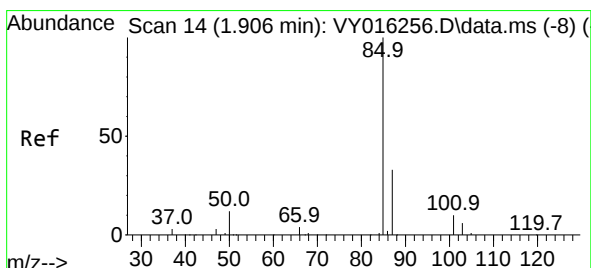
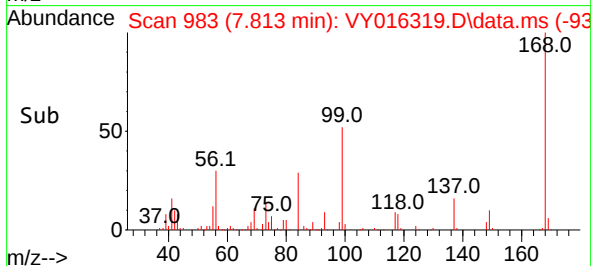
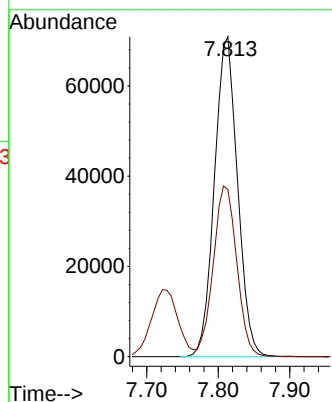
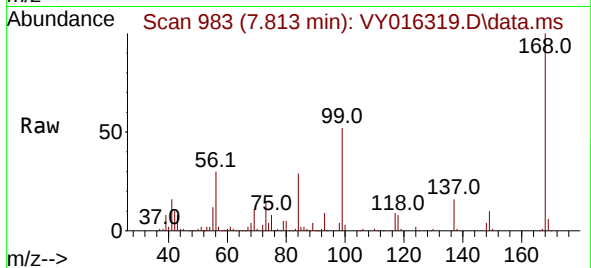
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

Tgt Ion:168 Resp: 158920
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0

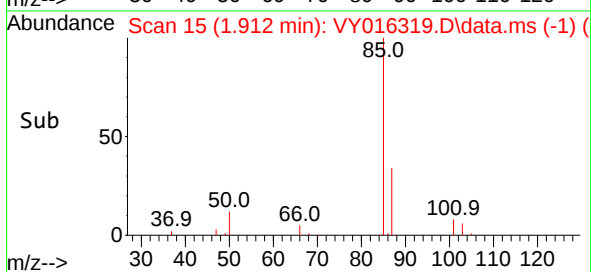
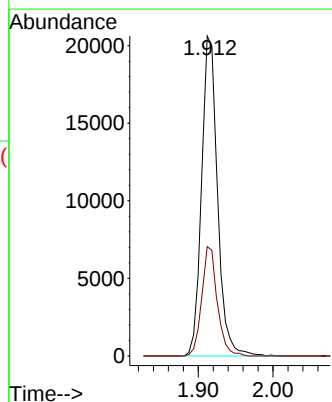
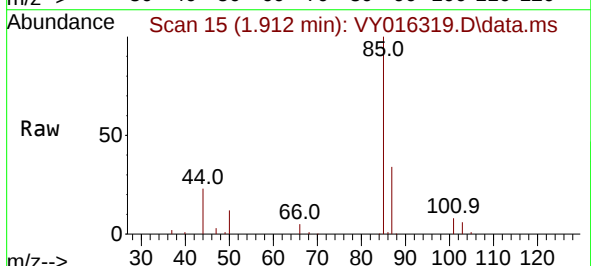
Manual Integrations
APPROVED

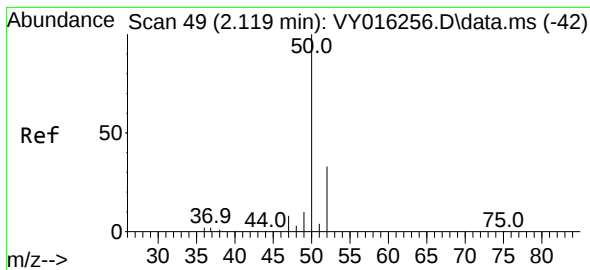
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#2
Dichlorodifluoromethane
Concen: 19.614 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Tgt Ion: 85 Resp: 30523
Ion Ratio Lower Upper
85 100
87 34.2 15.6 46.8





#3

Chloromethane

Concen: 19.065 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

Tgt Ion: 50 Resp: 3474

Ion Ratio Lower Upper

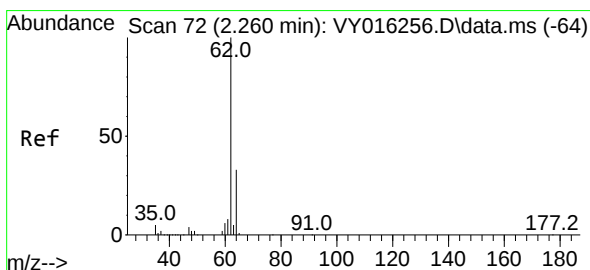
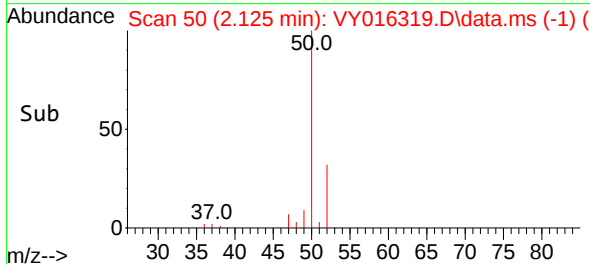
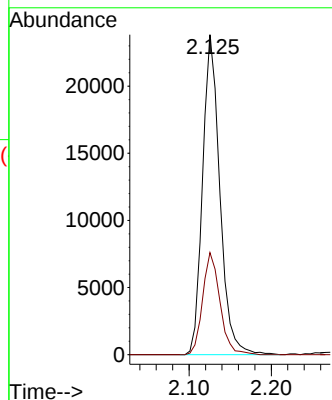
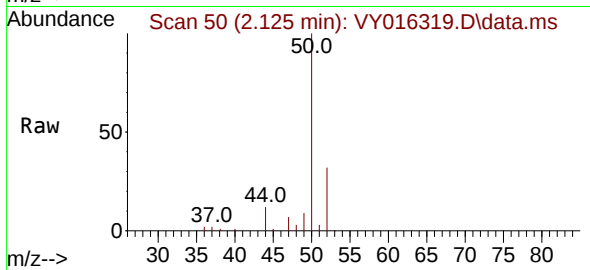
50 100

52 31.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#4

Vinyl Chloride

Concen: 18.486 ug/l

RT: 2.266 min Scan# 73

Delta R.T. 0.006 min

Lab File: VY016319.D

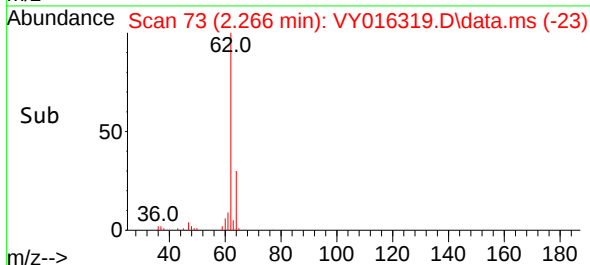
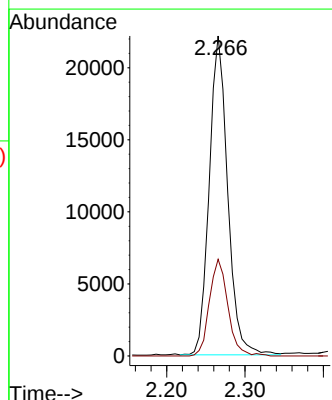
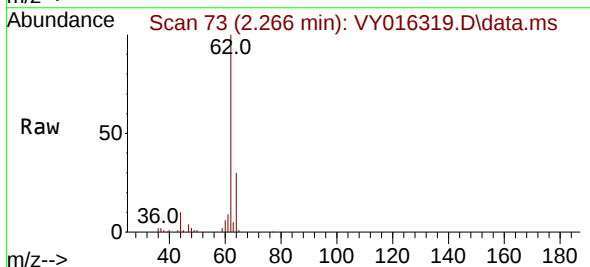
Acq: 13 Nov 2023 11:15

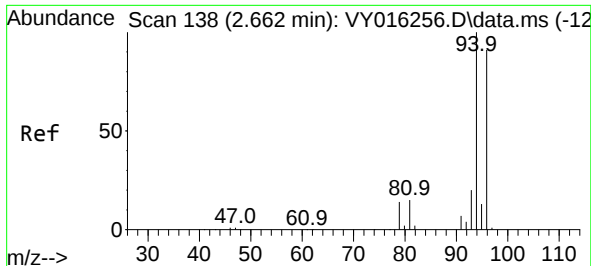
Tgt Ion: 62 Resp: 36228

Ion Ratio Lower Upper

62 100

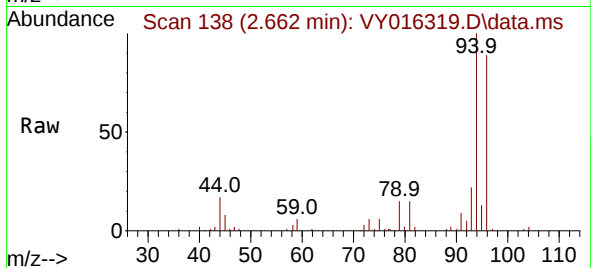
64 30.3 24.3 36.5





#5
Bromomethane
Concen: 18.392 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

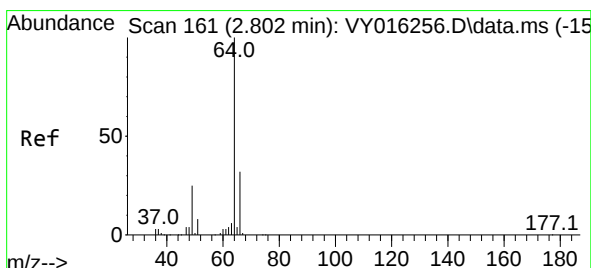
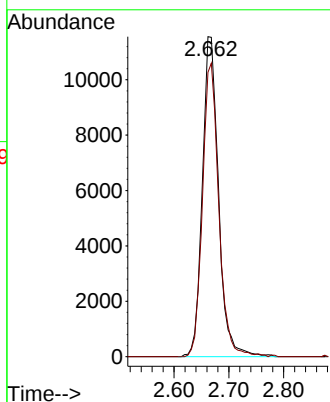
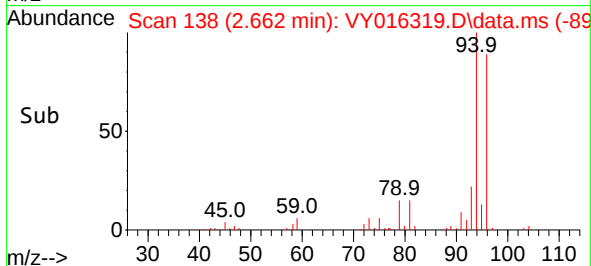
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



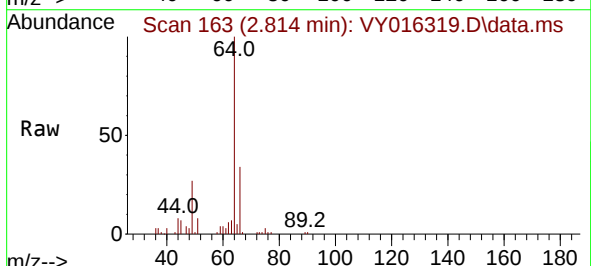
Tgt Ion: 94 Resp: 2368
Ion Ratio Lower Upper
94 100
96 88.9 75.8 113.6

Manual Integrations
APPROVED

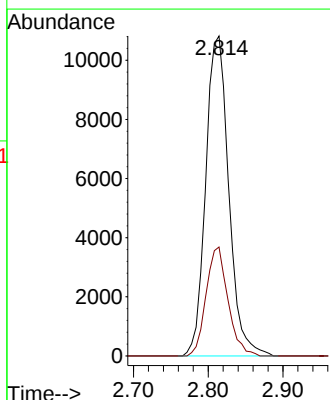
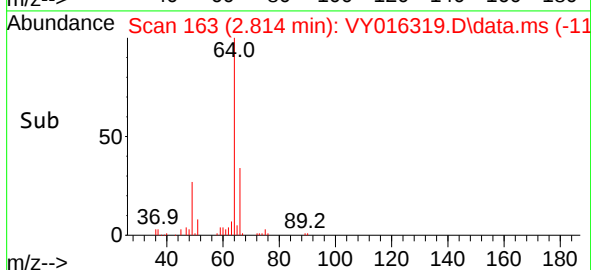
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

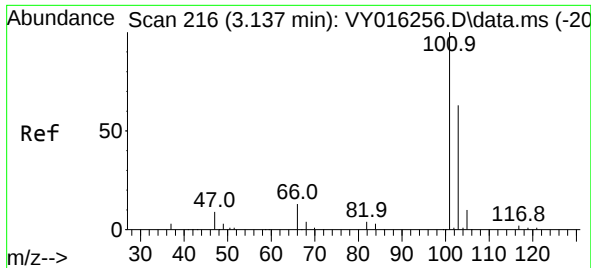


#6
Chloroethane
Concen: 18.553 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.012 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15



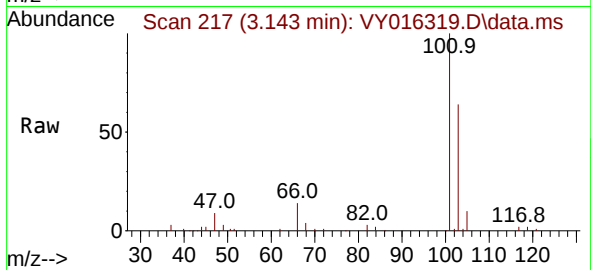
Tgt Ion: 64 Resp: 23200
Ion Ratio Lower Upper
64 100
66 34.1 24.4 36.6





#7
Trichlorofluoromethane
Concen: 20.461 ug/l
RT: 3.143 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

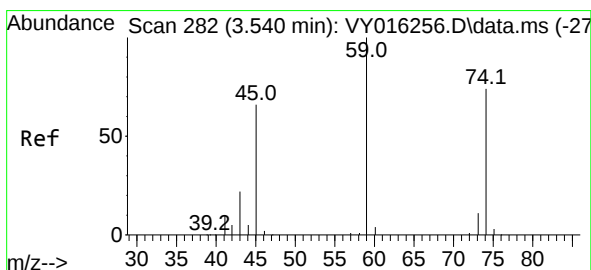
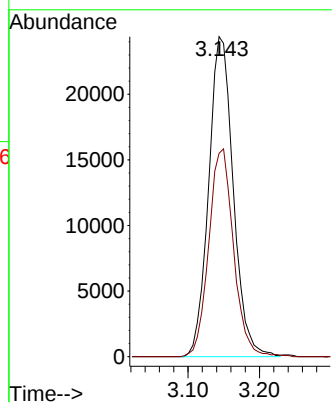
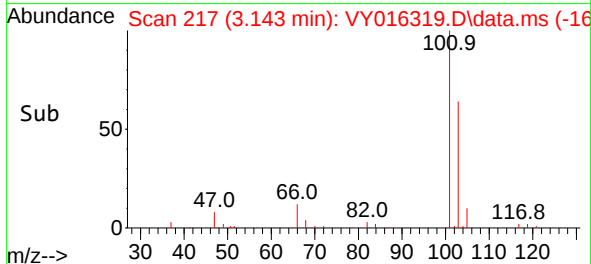
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01



Tgt Ion:101 Resp: 58338
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.0

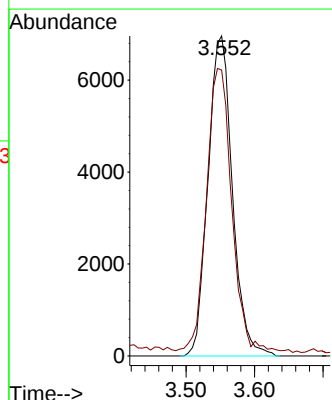
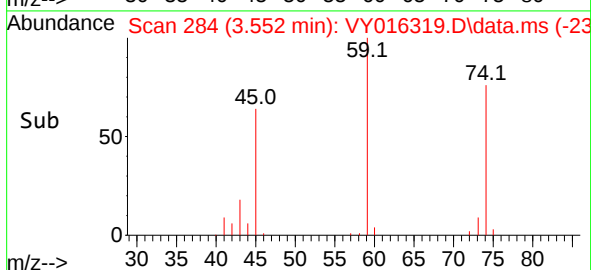
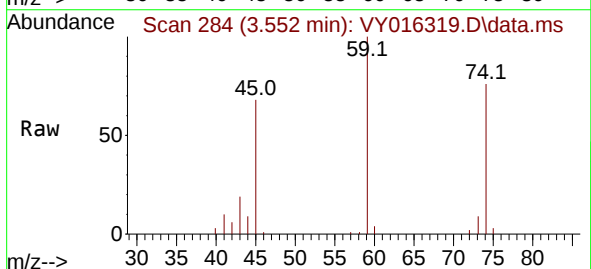
Manual Integrations
APPROVED

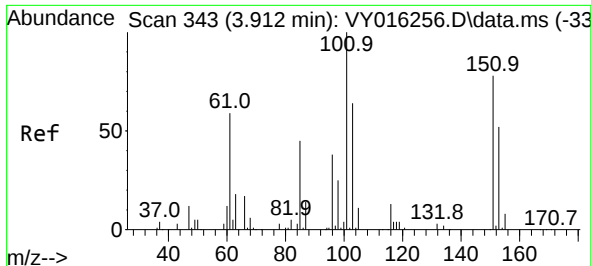
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#8
Diethyl Ether
Concen: 20.200 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Tgt Ion: 74 Resp: 17213
Ion Ratio Lower Upper
74 100
45 93.7 51.5 154.5





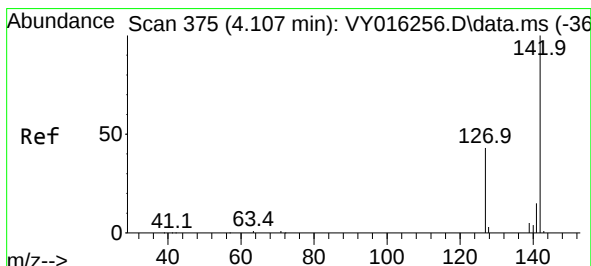
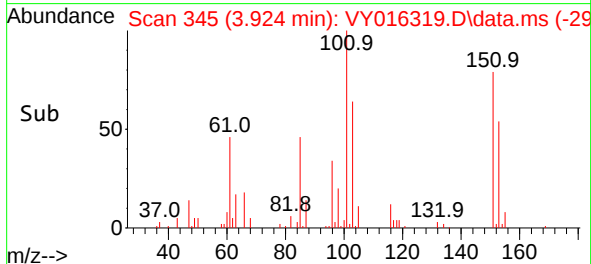
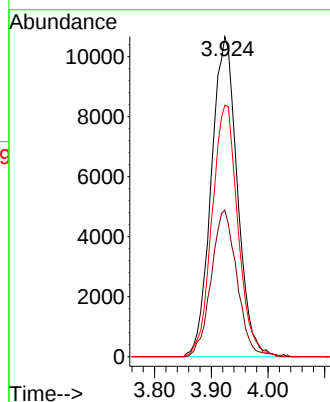
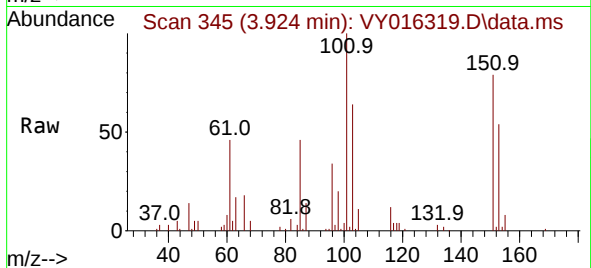
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.822 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

Tgt Ion:101 Resp: 34039
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 78.1 67.0 100.6

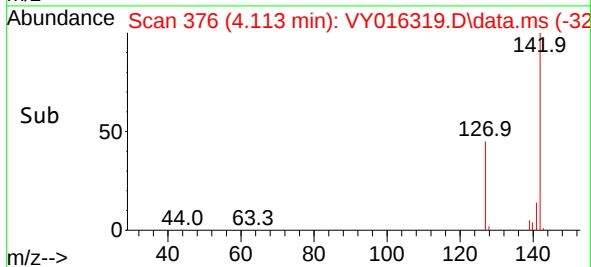
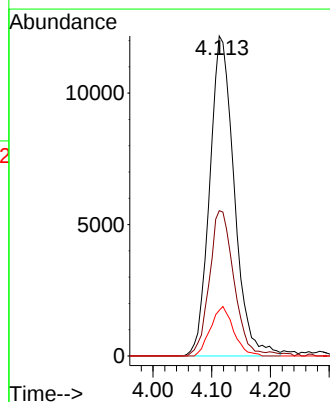
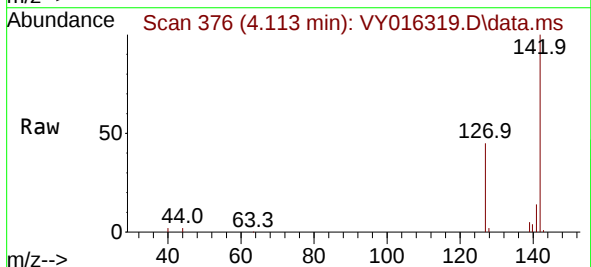
Manual Integrations
APPROVED

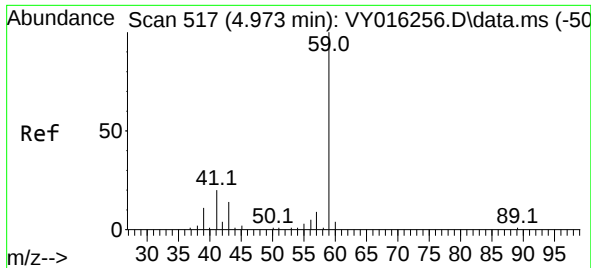
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#10
Methyl Iodide
Concen: 19.063 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Tgt Ion:142 Resp: 35356
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 14.5 11.8 17.8





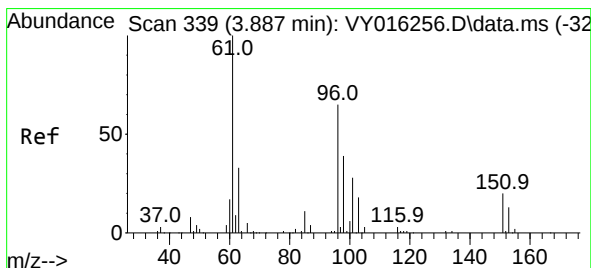
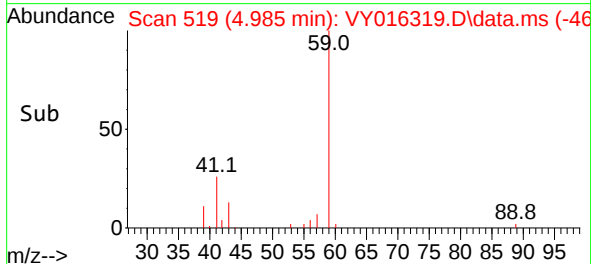
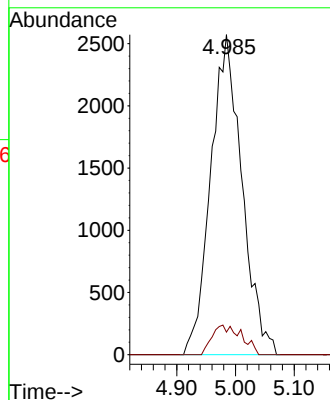
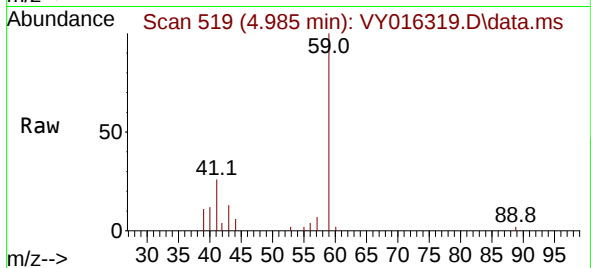
#11
Tert butyl alcohol
Concen: 83.530 ug/l
RT: 4.985 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

Tgt Ion: 59 Resp: 950
Ion Ratio Lower Upper
59 100
57 8.7 3.0 4.4

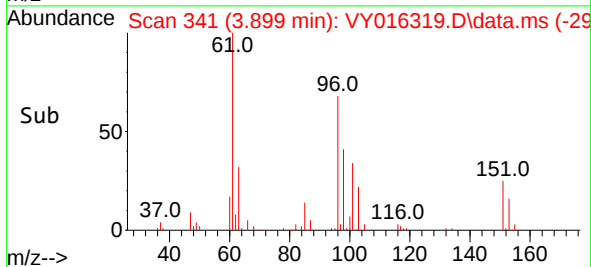
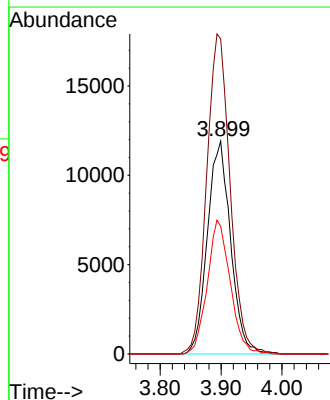
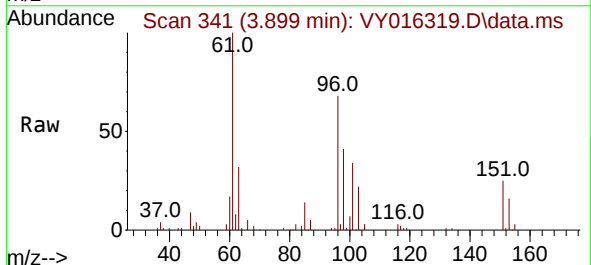
Manual Integrations
APPROVED

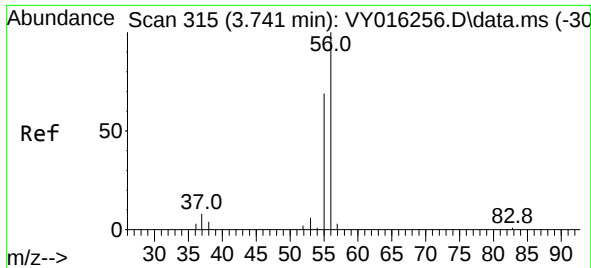
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#12
1,1-Dichloroethene
Concen: 19.642 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Tgt Ion: 96 Resp: 31545
Ion Ratio Lower Upper
96 100
61 148.0 136.4 204.6
98 60.0 49.4 74.2





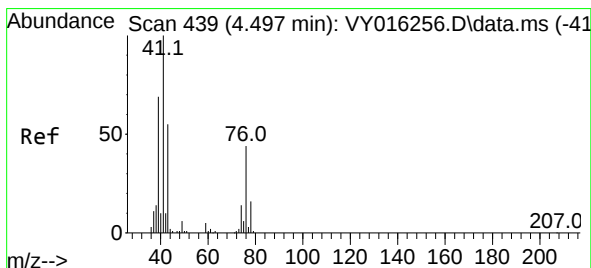
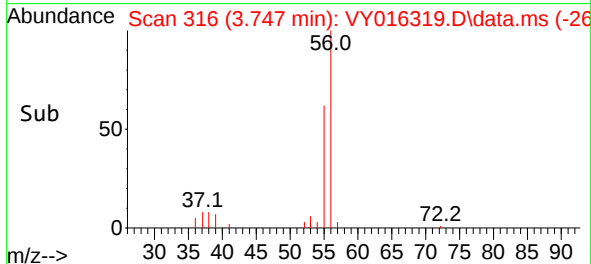
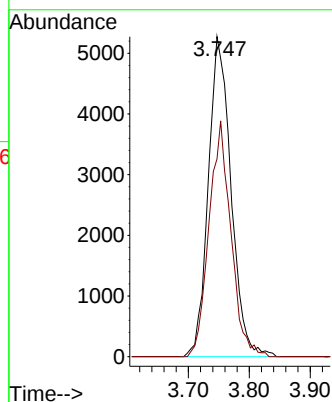
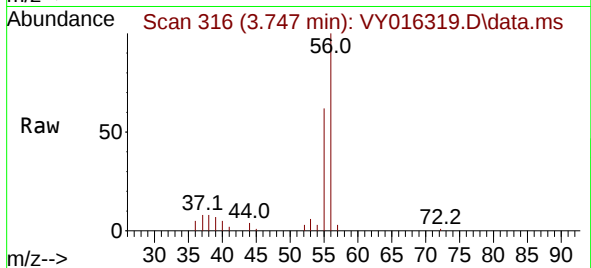
#13
Acrolein
Concen: 99.559 ug/l
RT: 3.747 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

Tgt Ion: 56 Resp: 13659
Ion Ratio Lower Upper
56 100
55 70.8 57.0 85.4

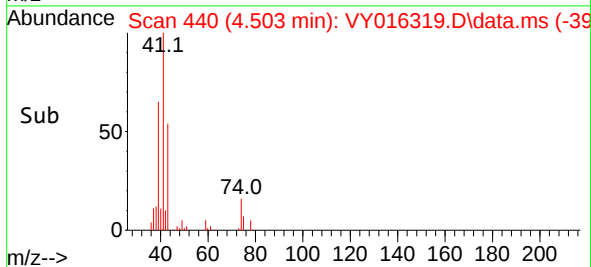
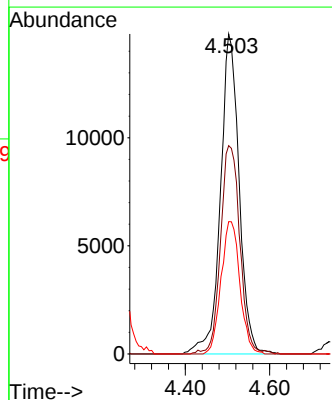
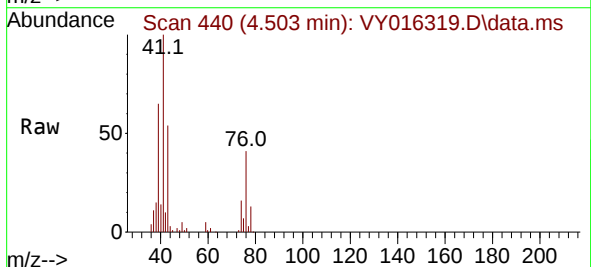
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#14
Allyl chloride
Concen: 19.928 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

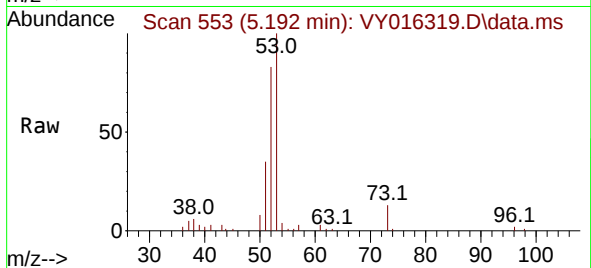
Tgt Ion: 41 Resp: 45417
Ion Ratio Lower Upper
41 100
39 66.9 58.0 87.0
76 41.7 27.4 41.2#





#15
Acrylonitrile
Concen: 99.286 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

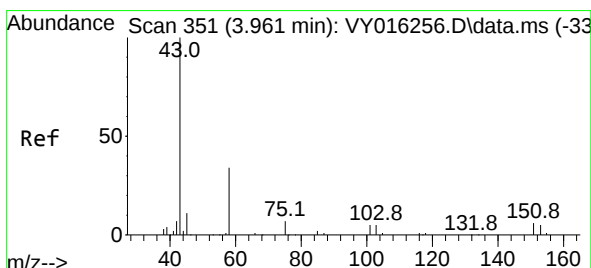
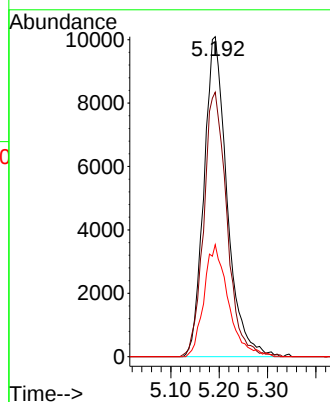
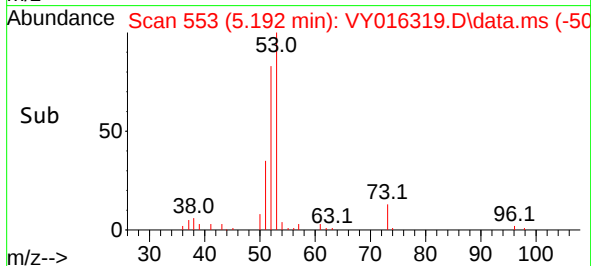
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



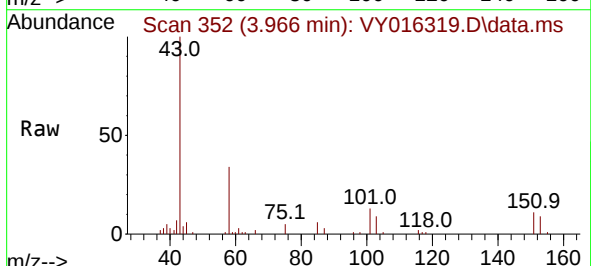
Tgt Ion: 53 Resp: 33570
Ion Ratio Lower Upper
53 100
52 83.0 66.9 100.3
51 36.8 29.8 44.6

Manual Integrations
APPROVED

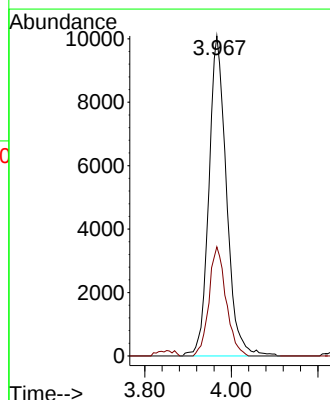
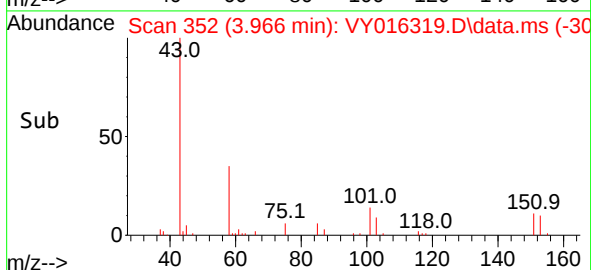
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

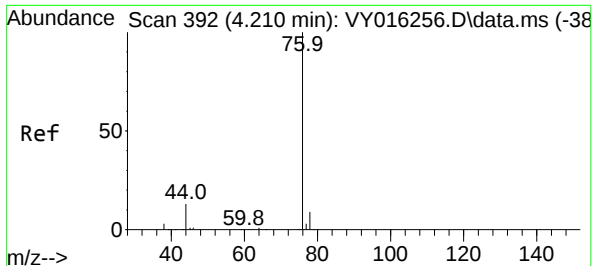


#16
Acetone
Concen: 118.452 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15



Tgt Ion: 43 Resp: 28460
Ion Ratio Lower Upper
43 100
58 34.1 22.7 34.1#





#17

Carbon Disulfide

Concen: 18.110 ug/l

RT: 4.223 min Scan# 394

Delta R.T. 0.012 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD01

Tgt Ion: 76 Resp: 8775

Ion Ratio Lower Upper

76 100

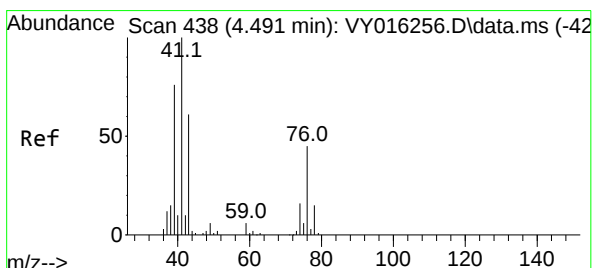
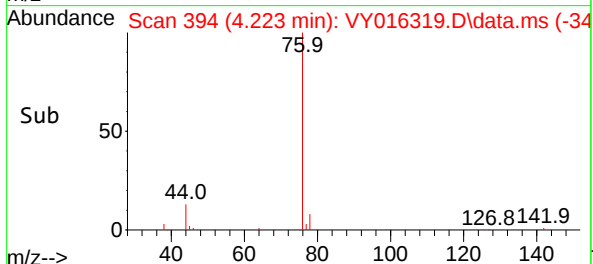
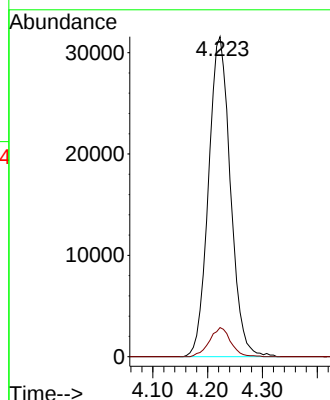
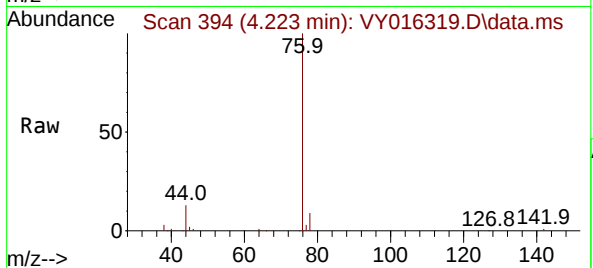
78 9.1 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#18

Methyl Acetate

Concen: 20.021 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY016319.D

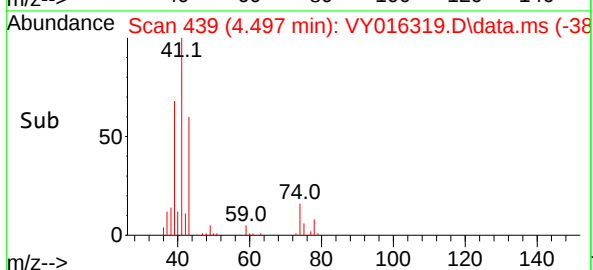
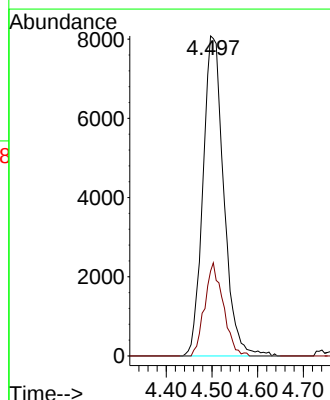
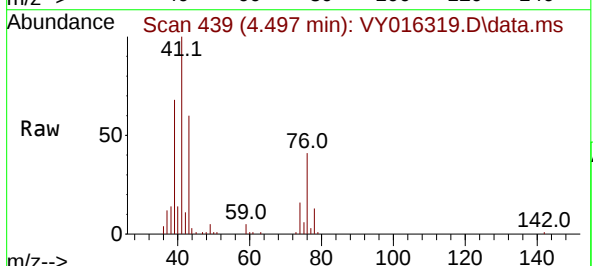
Acq: 13 Nov 2023 11:15

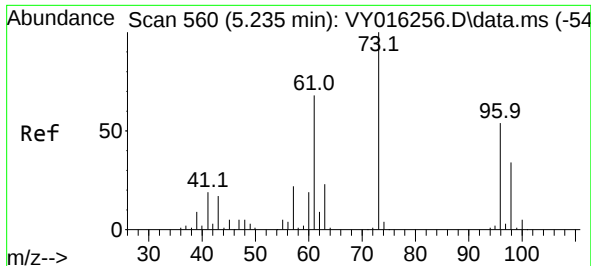
Tgt Ion: 43 Resp: 25561

Ion Ratio Lower Upper

43 100

74 26.0 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 20.046 ug/l

RT: 5.247 min Scan# 50

Delta R.T. 0.012 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

Tgt Ion: 73 Resp: 77919

Ion Ratio Lower Upper

73 100

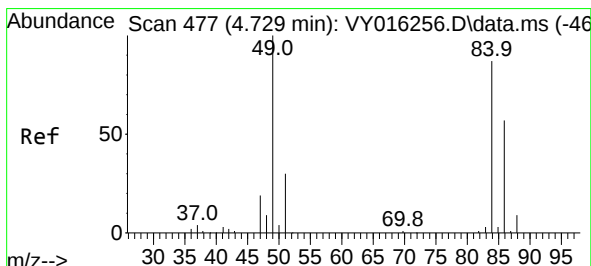
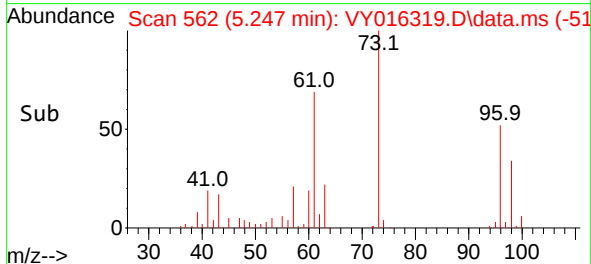
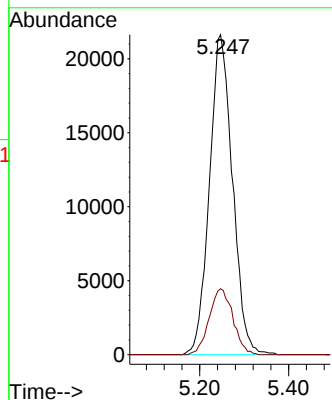
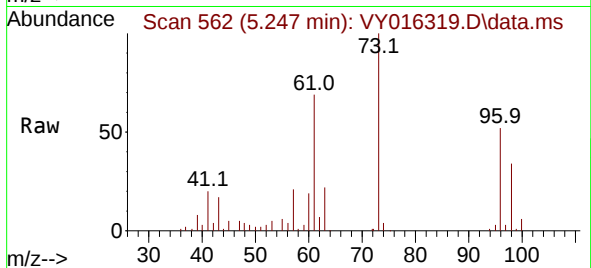
57 20.6 17.3 25.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#20

Methylene Chloride

Concen: 21.290 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.012 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Tgt Ion: 84 Resp: 39529

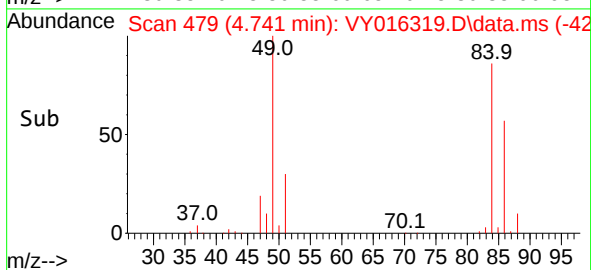
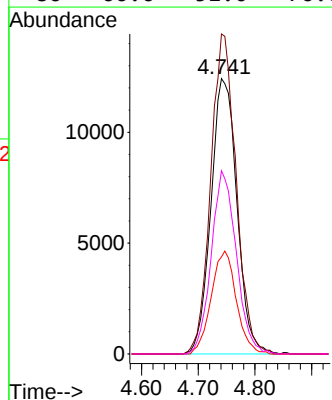
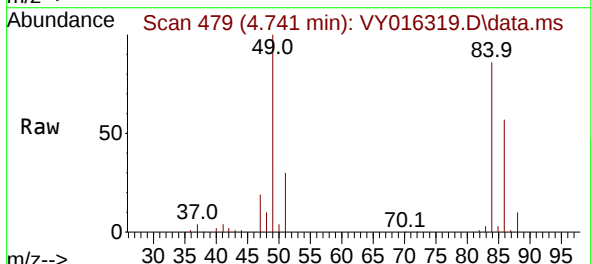
Ion Ratio Lower Upper

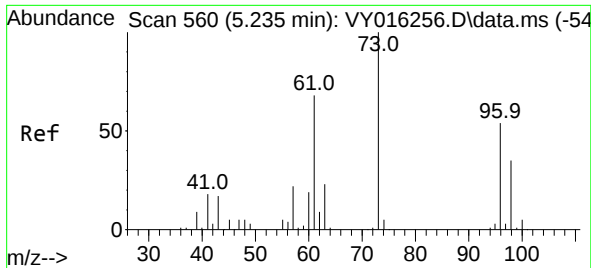
84 100

49 116.2 106.9 160.3

51 35.3 33.2 49.8

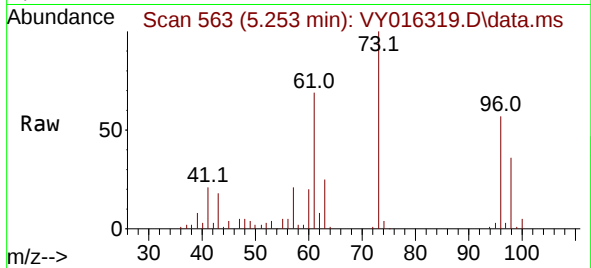
86 66.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.484 ug/l
RT: 5.253 min Scan# 509
Delta R.T. 0.018 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

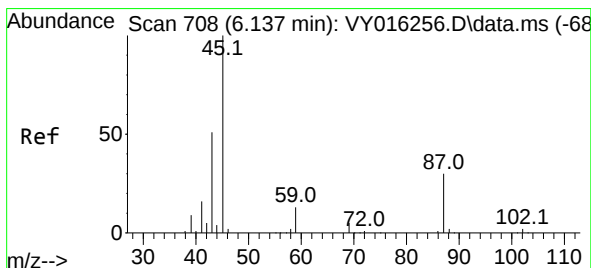
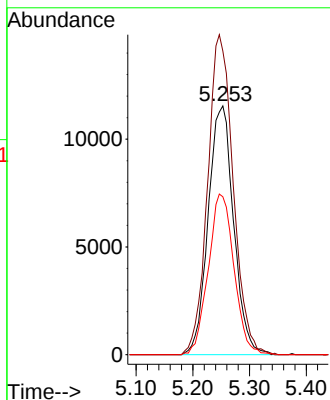
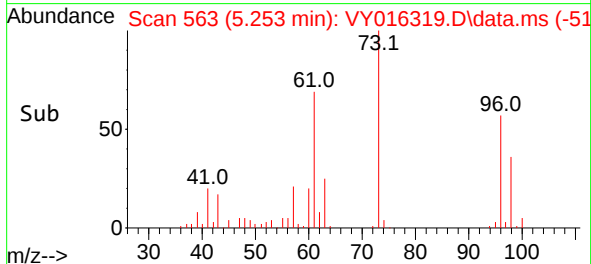
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



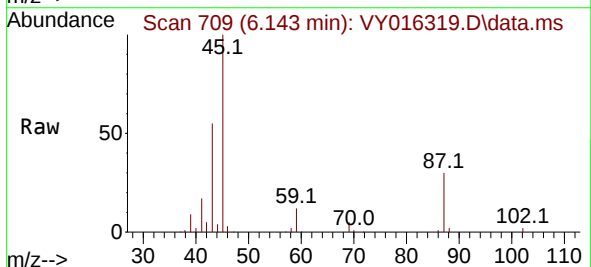
Tgt Ion: 96 Resp: 36029
Ion Ratio Lower Upper
96 100
61 122.1 110.2 165.4
98 63.5 51.8 77.6

Manual Integrations
APPROVED

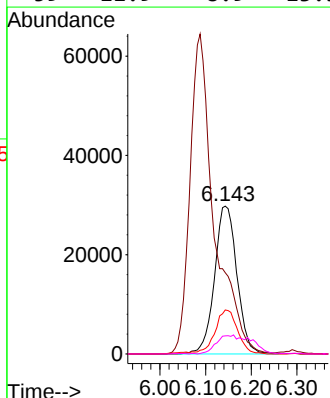
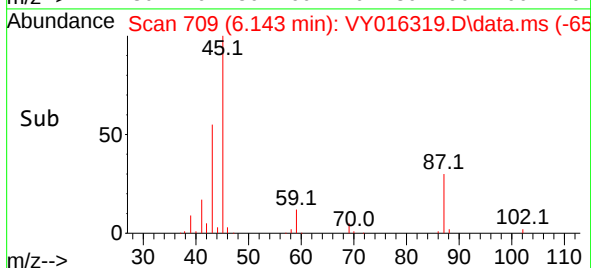
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023

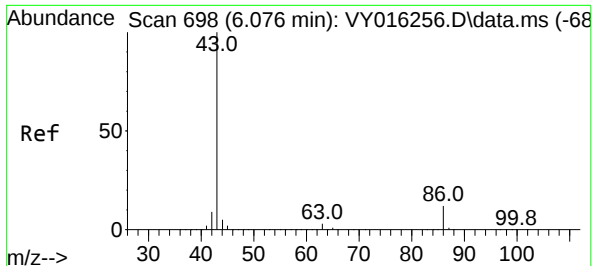


#22
Diisopropyl ether
Concen: 20.654 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15



Tgt Ion: 45 Resp: 101444
Ion Ratio Lower Upper
45 100
43 53.9 52.2 78.4
87 29.7 21.0 31.6
59 11.9 8.9 13.3





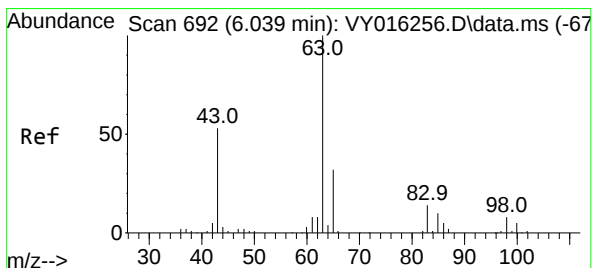
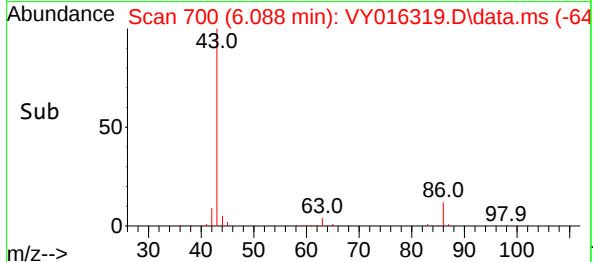
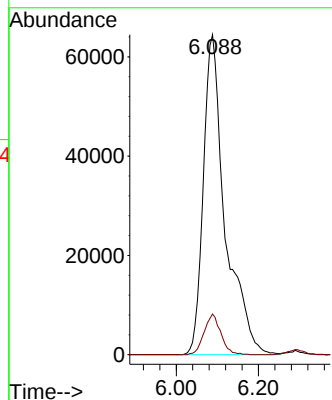
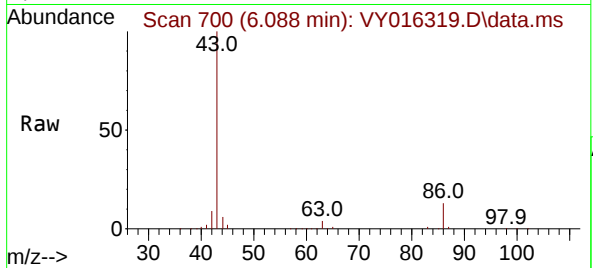
#23
 Vinyl Acetate
 Concen: 99.653 ug/l
 RT: 6.088 min Scan# 700
 Delta R.T. 0.012 min
 Lab File: VY016319.D
 Acq: 13 Nov 2023 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBS01

Tgt Ion: 43 Resp: 237162
 Ion Ratio Lower Upper
 43 100
 86 12.7 7.5 11.3

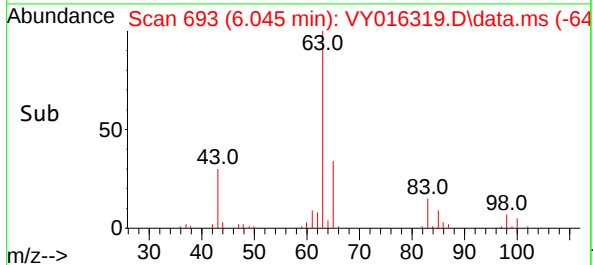
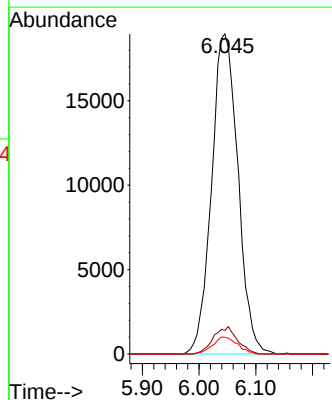
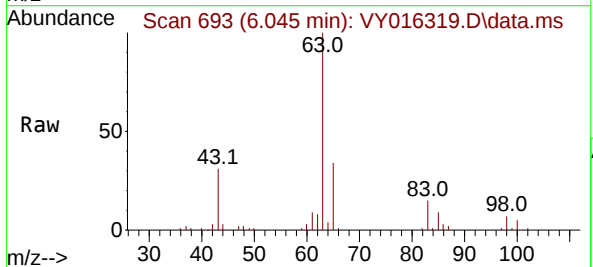
Manual Integrations
 APPROVED

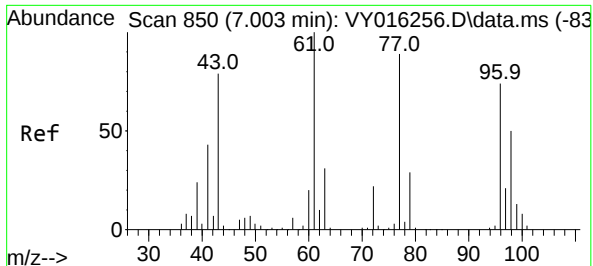
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#24
 1,1-Dichloroethane
 Concen: 20.202 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY016319.D
 Acq: 13 Nov 2023 11:15

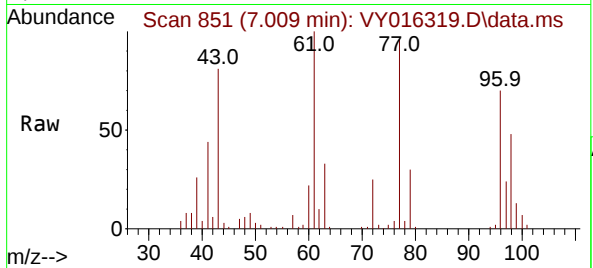
Tgt Ion: 63 Resp: 61214
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 5.2 1.8 5.5





#25
2-Butanone
Concen: 107.467 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

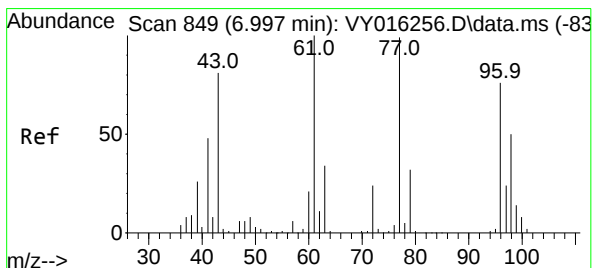
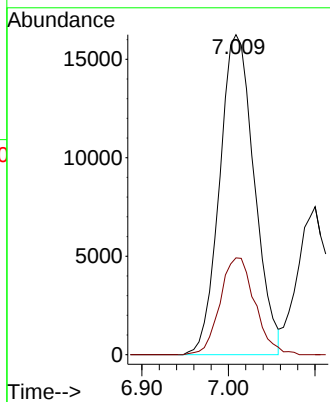
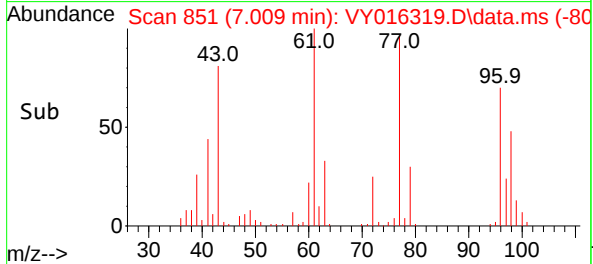
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01



Tgt Ion: 43 Resp: 45220
Ion Ratio Lower Upper
43 100
72 30.3 20.5 30.7

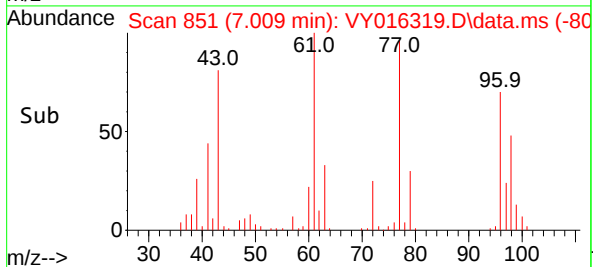
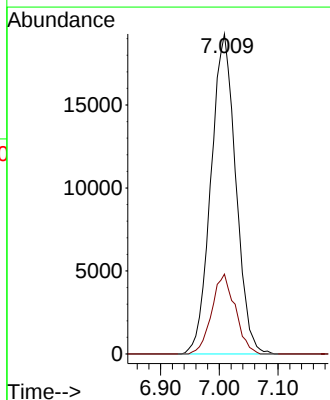
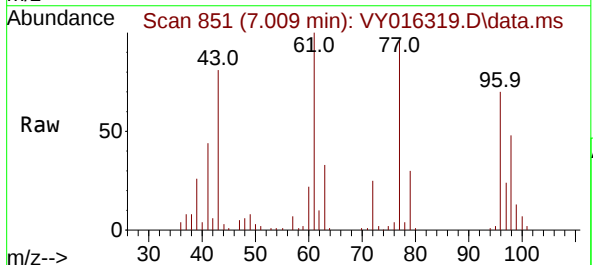
Manual Integrations
APPROVED

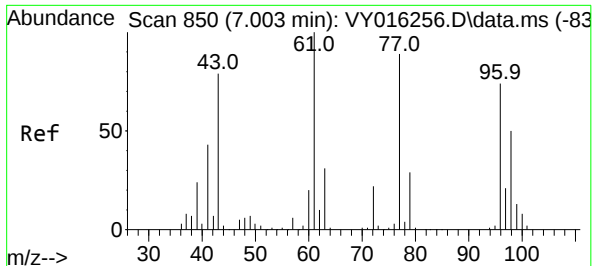
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#26
2,2-Dichloropropane
Concen: 20.497 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Tgt Ion: 77 Resp: 56526
Ion Ratio Lower Upper
77 100
97 23.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.229 ug/l

RT: 7.015 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

Tgt Ion: 96 Resp: 4031

Ion Ratio Lower Upper

96 100

61 137.3 0.0 301.4

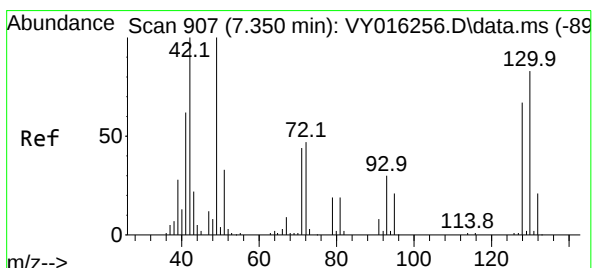
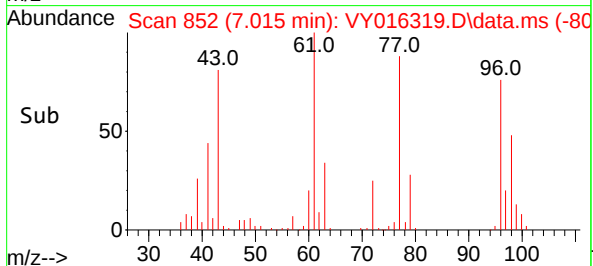
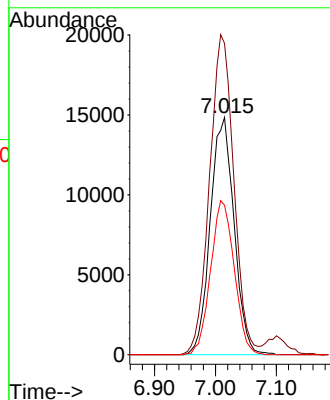
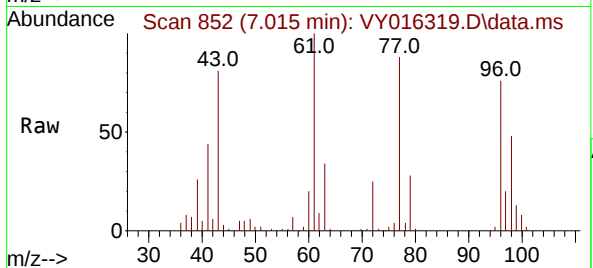
98 64.4 0.0 130.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#28

Bromochloromethane

Concen: 20.735 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

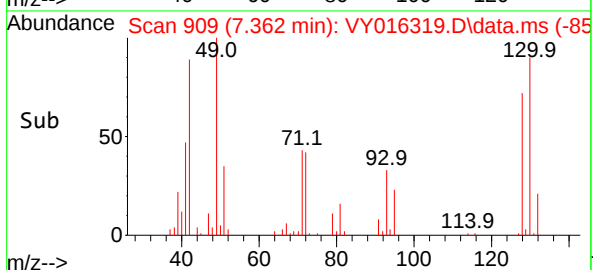
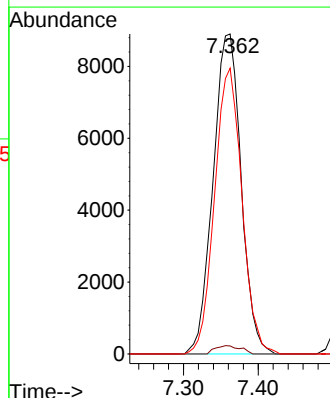
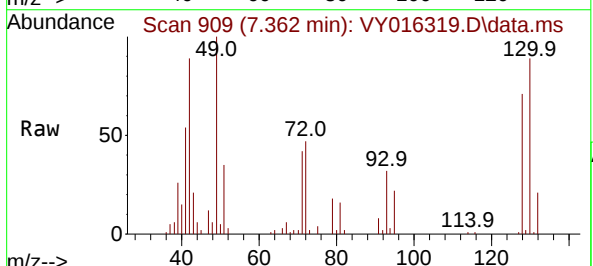
Tgt Ion: 49 Resp: 23253

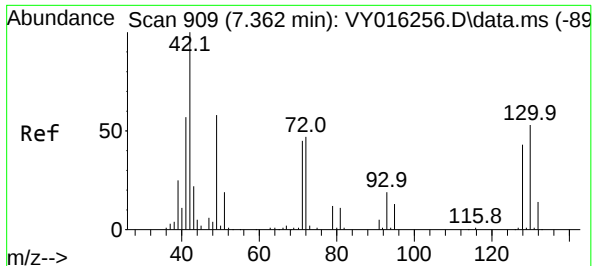
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 86.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 96.092 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

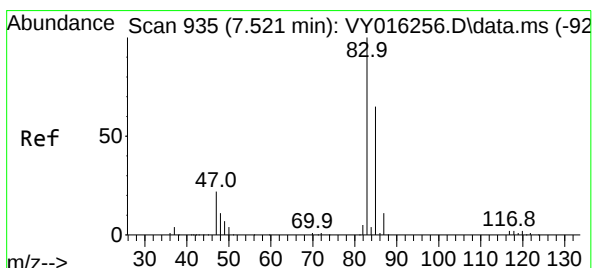
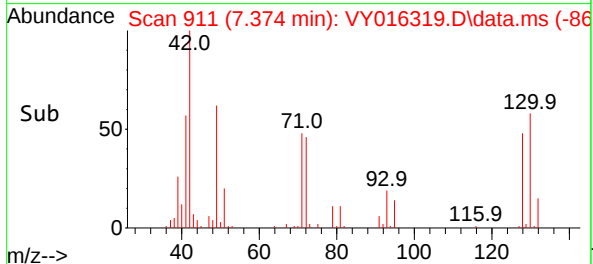
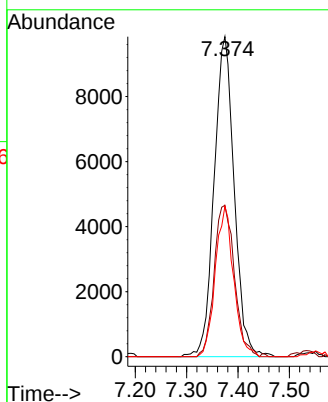
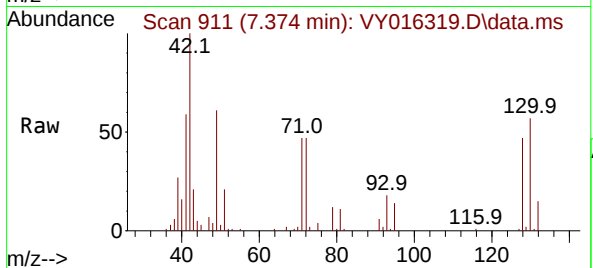
VY1113SBSD01

Tgt Ion:	42	Resp:	26729
Ion Ratio	Lower	Upper	
42	100		
72	47.8	32.8	49.2
71	43.1	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#30

Chloroform

Concen: 20.472 ug/l

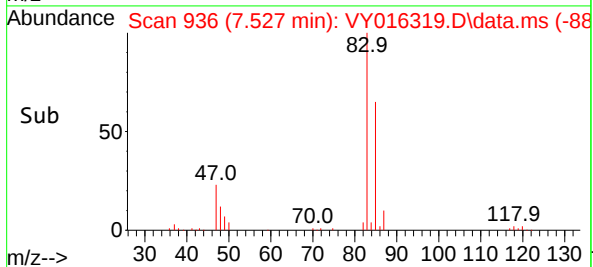
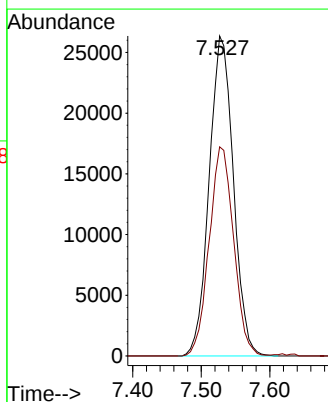
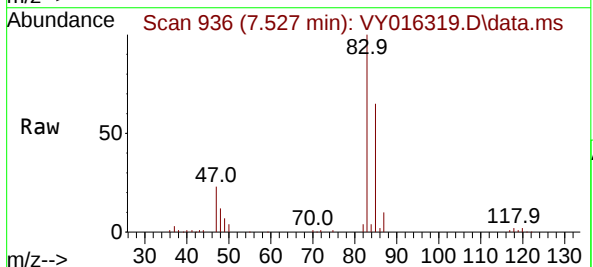
RT: 7.527 min Scan# 936

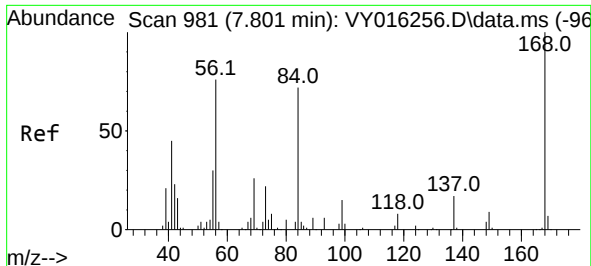
Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Tgt Ion:	83	Resp:	64567
Ion Ratio	Lower	Upper	
83	100		
85	65.3	49.7	74.5





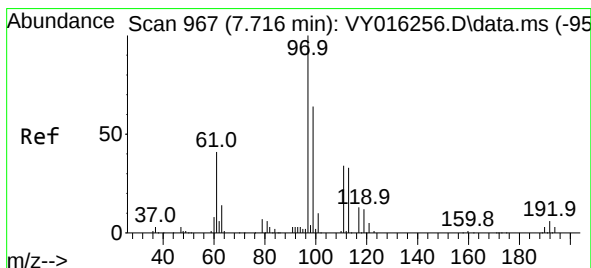
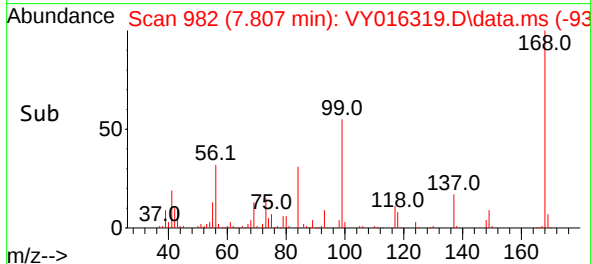
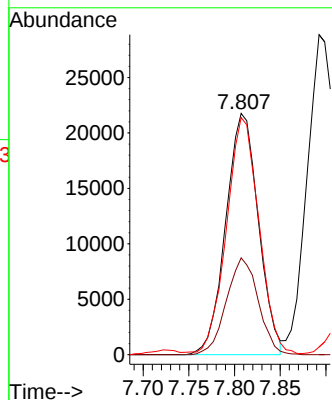
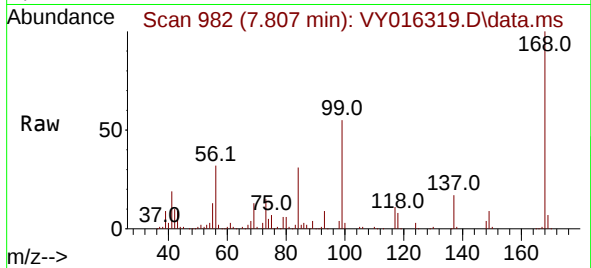
#31
Cyclohexane
Concen: 18.903 ug/l
RT: 7.807 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

Tgt Ion: 56 Resp: 54058
Ion Ratio Lower Upper
56 100
69 40.2 27.8 41.6
84 97.3 66.4 99.6

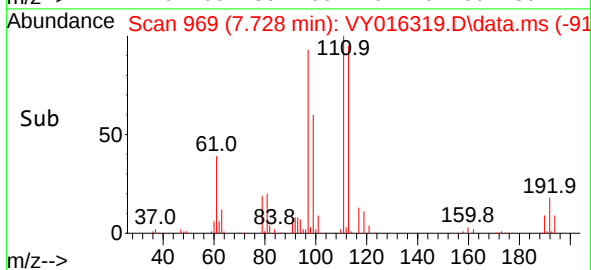
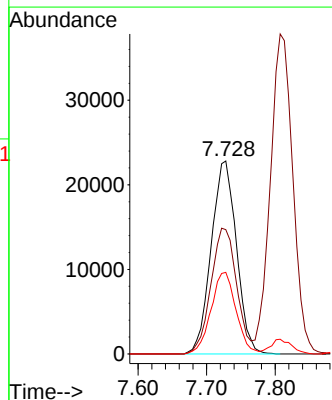
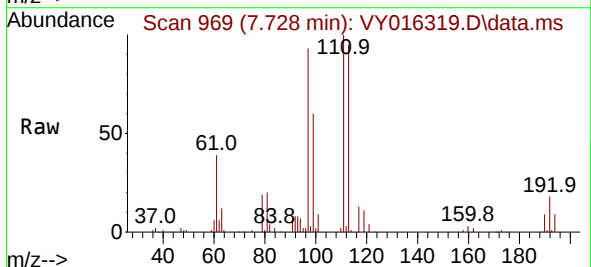
Manual Integrations
APPROVED

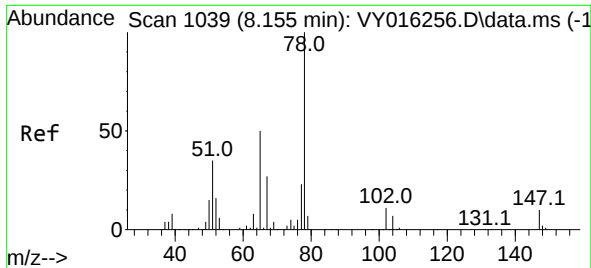
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#32
1,1,1-Trichloroethane
Concen: 20.175 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Tgt Ion: 97 Resp: 58328
Ion Ratio Lower Upper
97 100
99 66.3 50.8 76.2
61 42.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.206 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD01

Tgt Ion: 65 Resp: 70020

Ion Ratio Lower Upper

65 100

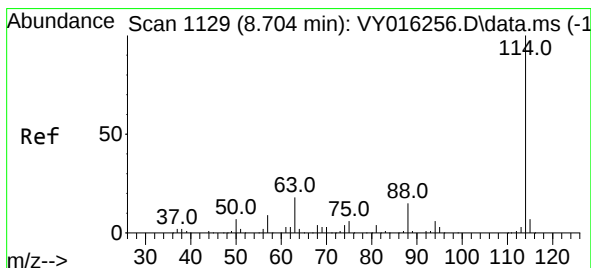
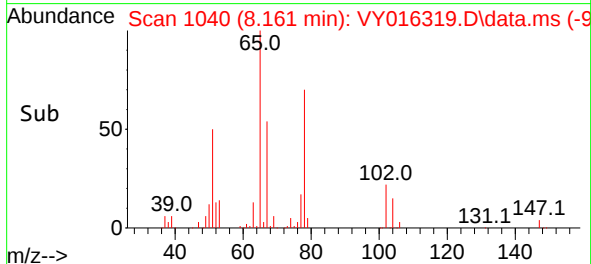
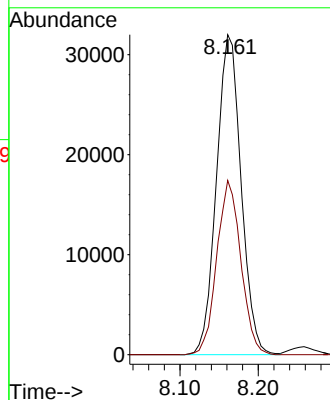
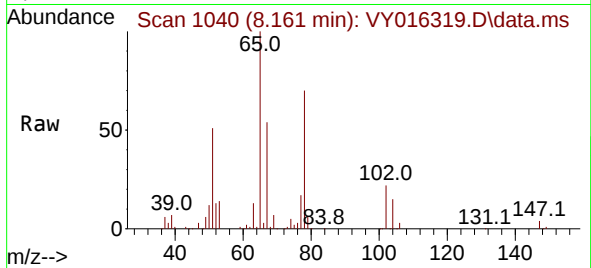
67 53.2 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

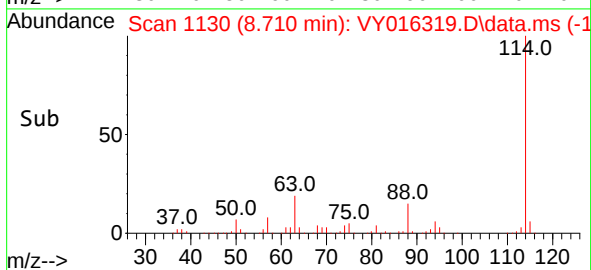
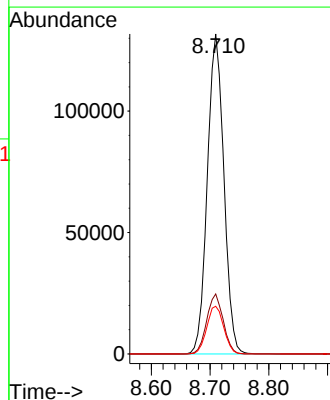
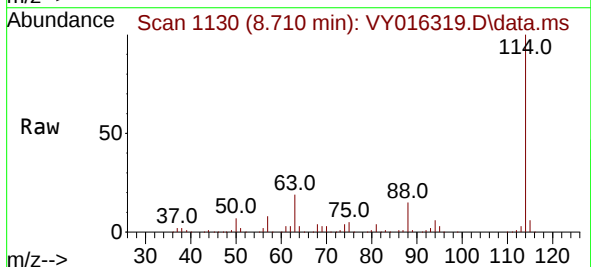
Tgt Ion:114 Resp: 257209

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

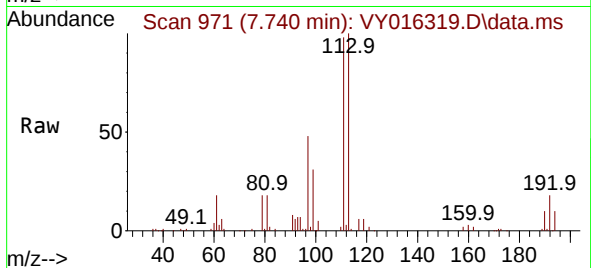
88 14.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.655 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

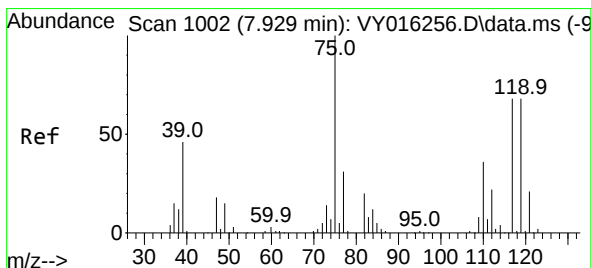
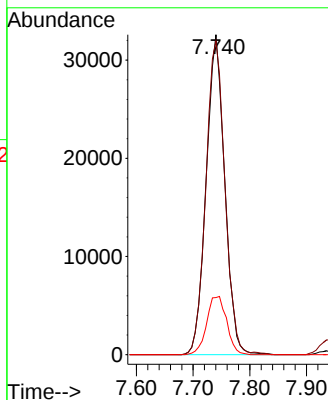
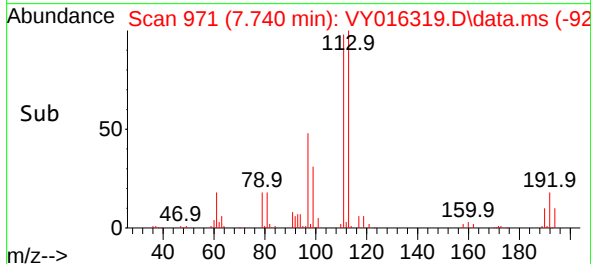
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



Tgt Ion:113 Resp: 7401
Ion Ratio Lower Upper
113 100
111 101.2 81.3 121.9
192 19.6 16.9 25.3

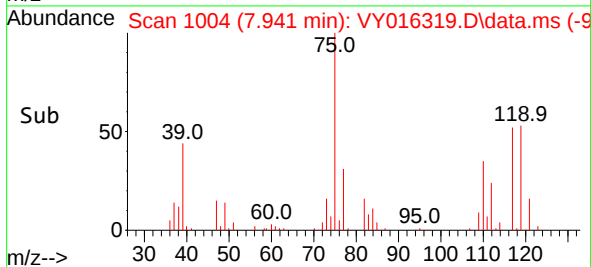
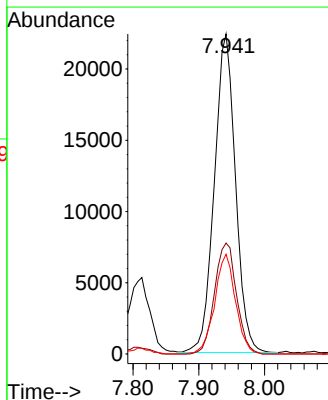
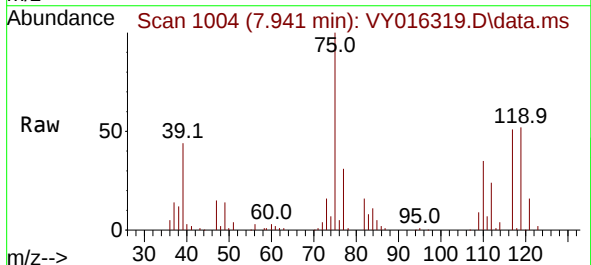
Manual Integrations
APPROVED

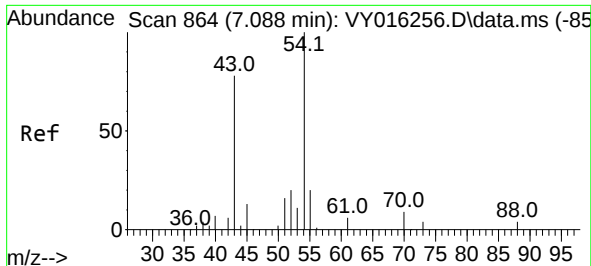
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#36
1,1-Dichloropropene
Concen: 19.726 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Tgt Ion: 75 Resp: 50047
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 19.104 ug/l

RT: 7.100 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

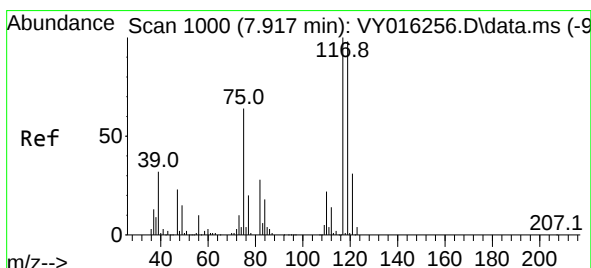
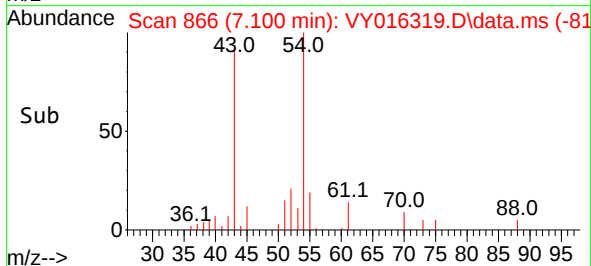
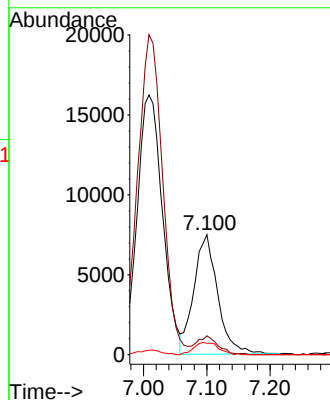
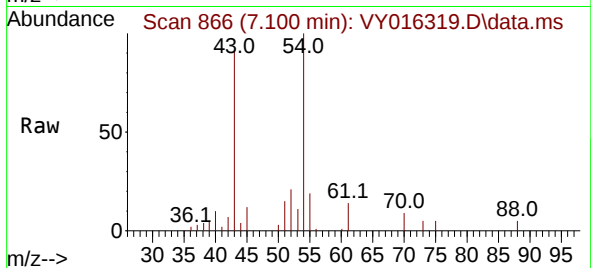
Tgt Ion: 43 Resp: 19584

Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.1	15.1
70	10.6	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#38

Carbon Tetrachloride

Concen: 20.245 ug/l

RT: 7.923 min Scan# 1001

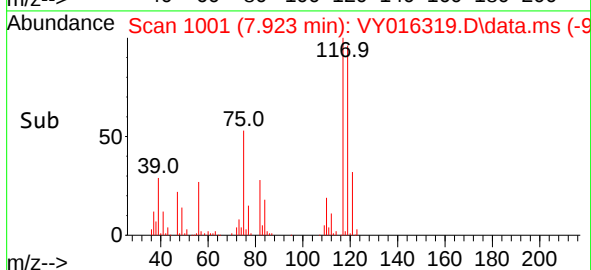
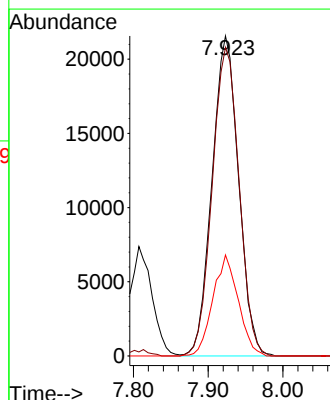
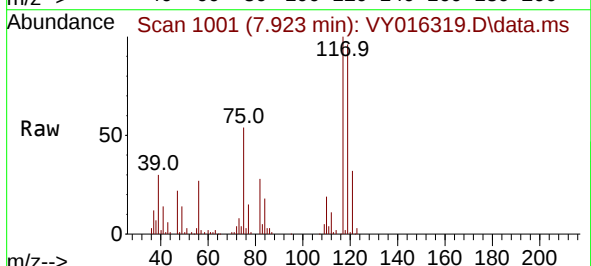
Delta R.T. 0.006 min

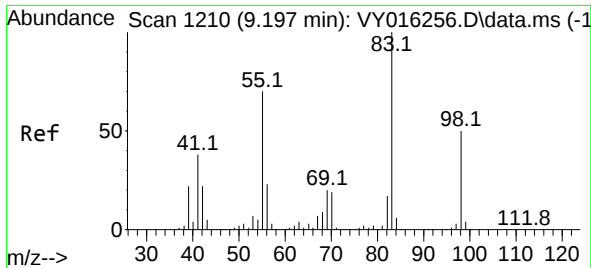
Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Tgt Ion:117 Resp: 53308

Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.4	114.6
121	31.5	25.8	38.6





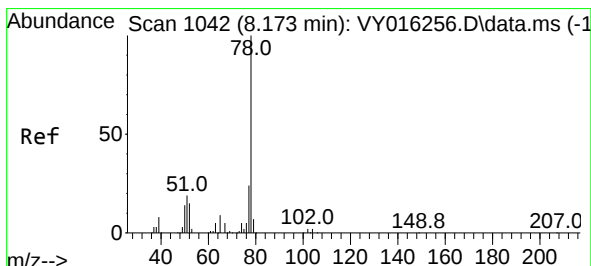
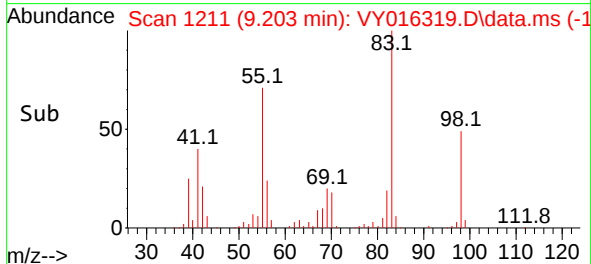
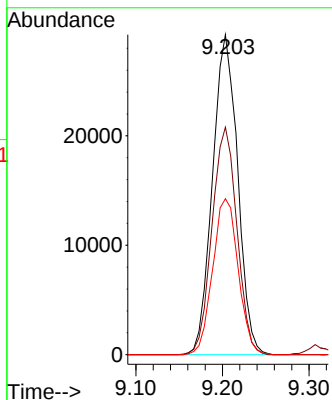
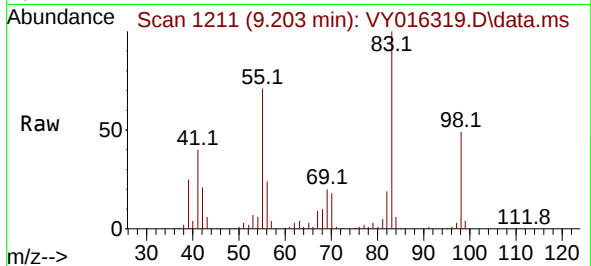
#39
Methylcyclohexane
Concen: 18.622 ug/l
RT: 9.203 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

Tgt Ion: 83 Resp: 5887
Ion Ratio Lower Upper
83 100
55 71.1 63.0 94.4
98 48.8 37.4 56.2

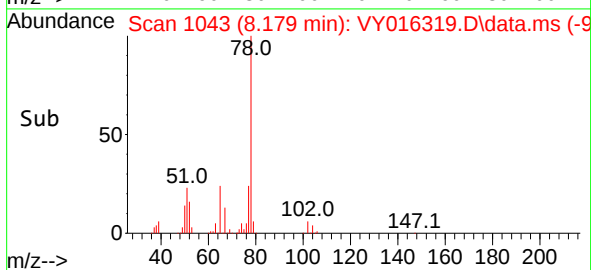
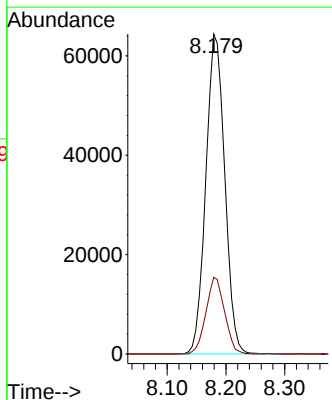
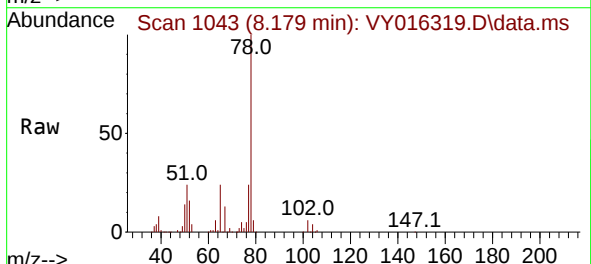
Manual Integrations
APPROVED

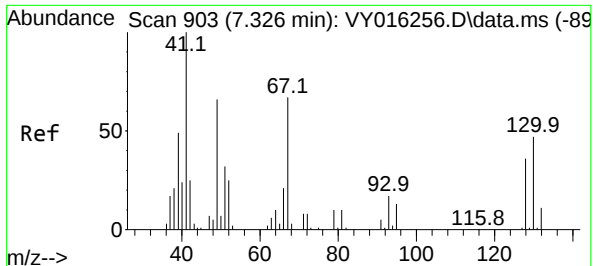
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#40
Benzene
Concen: 20.193 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

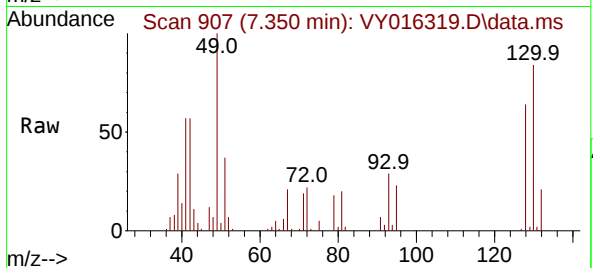
Tgt Ion: 78 Resp: 143939
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 25.714 ug/l m
RT: 7.350 min Scan# 903
Delta R.T. 0.024 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

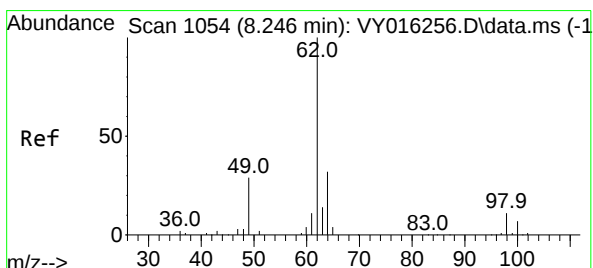
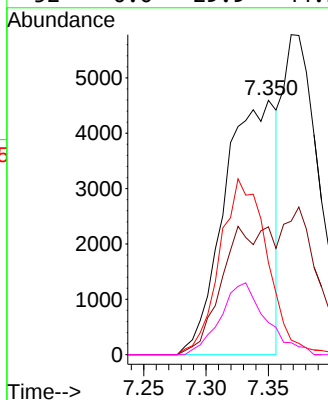
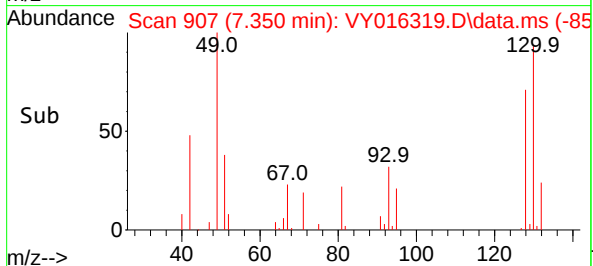
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



Tgt Ion: 41 Resp: 1329
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

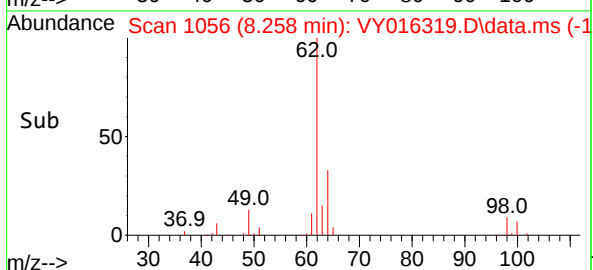
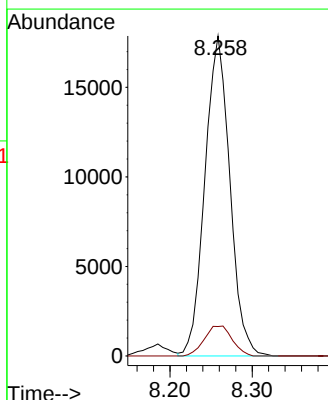
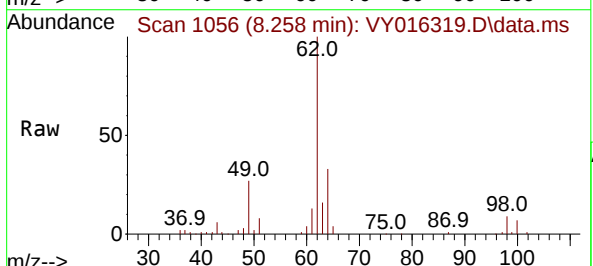
Manual Integrations
APPROVED

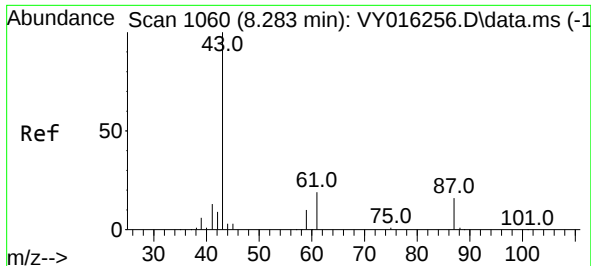
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#42
1,2-Dichloroethane
Concen: 20.409 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.012 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

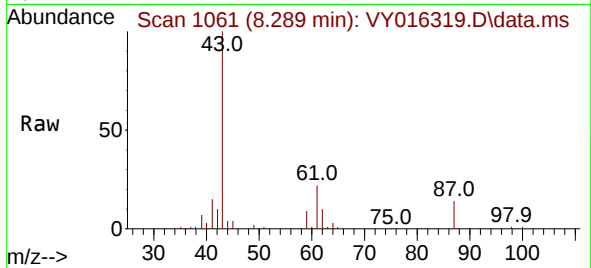
Tgt Ion: 62 Resp: 37693
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8





#43
Isopropyl Acetate
Concen: 19.116 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

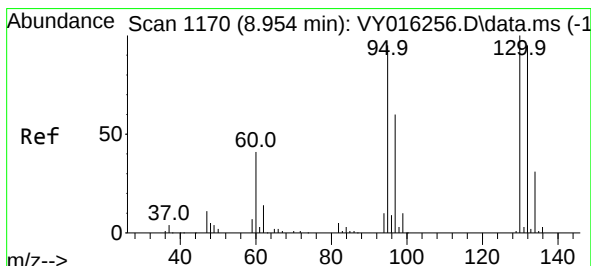
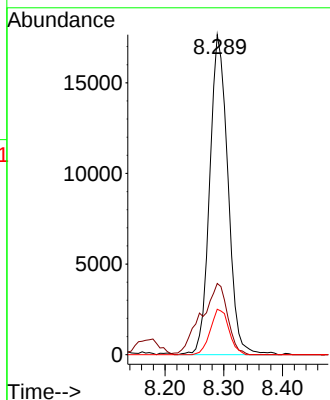
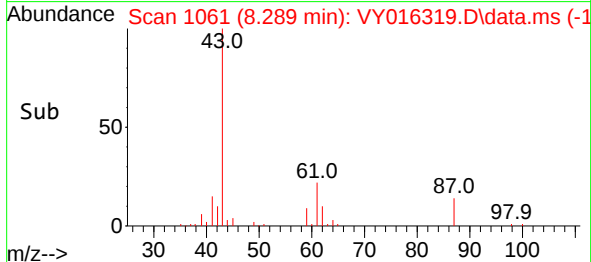
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01



Tgt Ion: 43 Resp: 37879
Ion Ratio Lower Upper
43 100
61 32.1 21.1 31.7
87 14.5 9.8 14.8

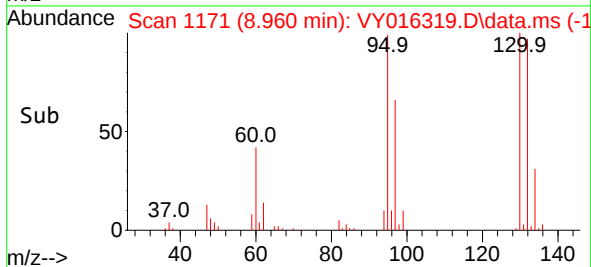
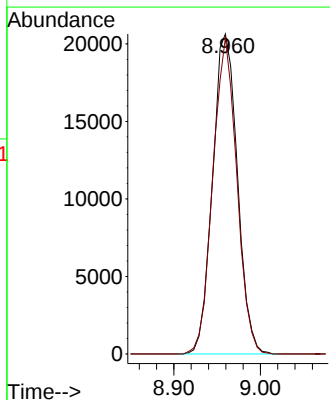
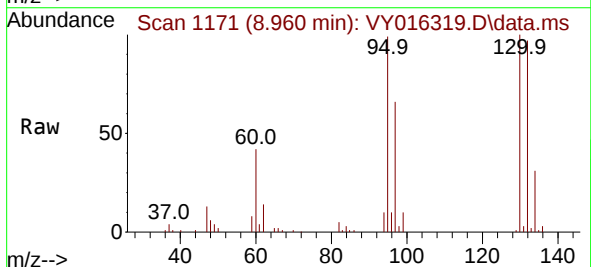
Manual Integrations
APPROVED

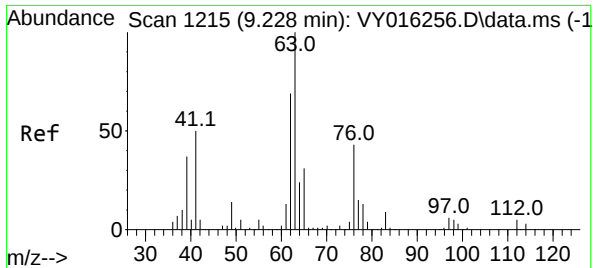
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#44
Trichloroethene
Concen: 20.025 ug/l
RT: 8.960 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Tgt Ion:130 Resp: 41023
Ion Ratio Lower Upper
130 100
95 98.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.603 ug/l

RT: 9.234 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

Tgt Ion: 63 Resp: 3526

Ion Ratio Lower Upper

63 100

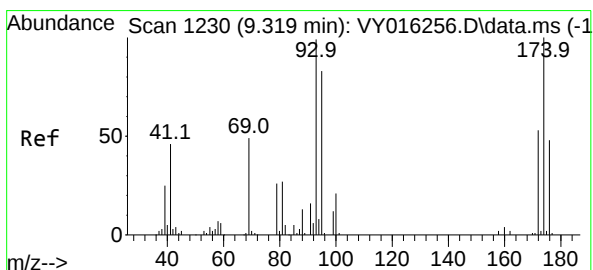
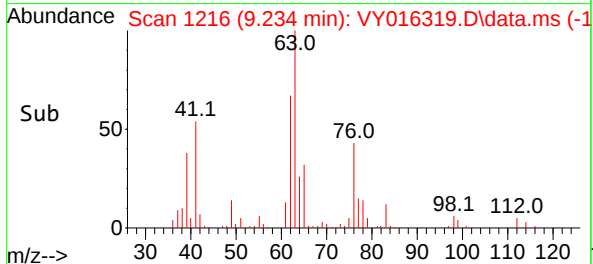
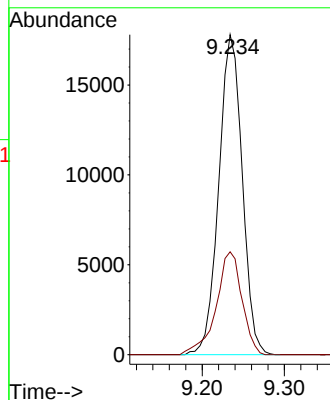
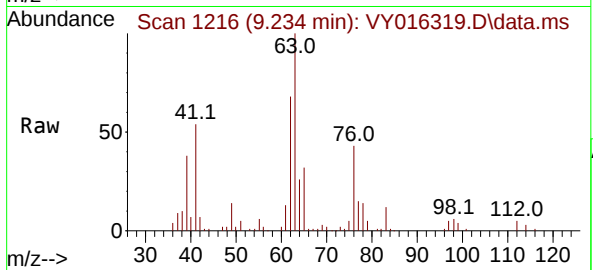
65 32.2 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#46

Dibromomethane

Concen: 20.453 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

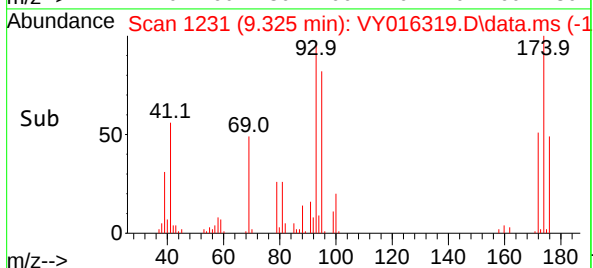
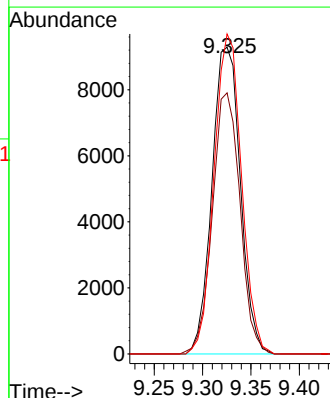
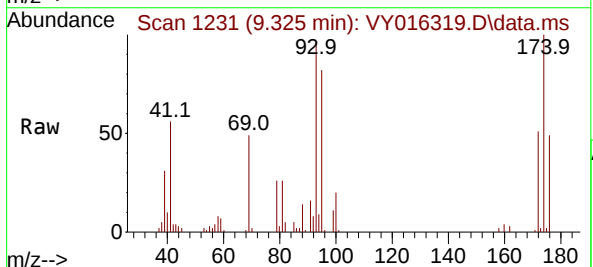
Tgt Ion: 93 Resp: 18973

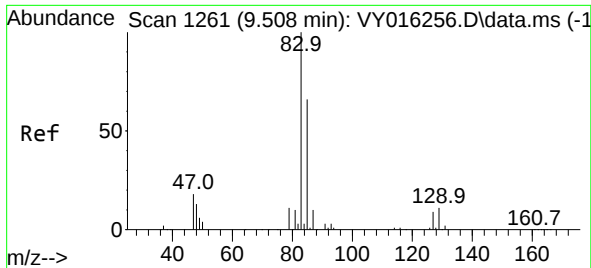
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 100.8 84.8 127.2





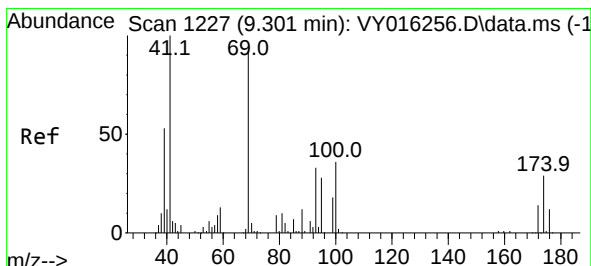
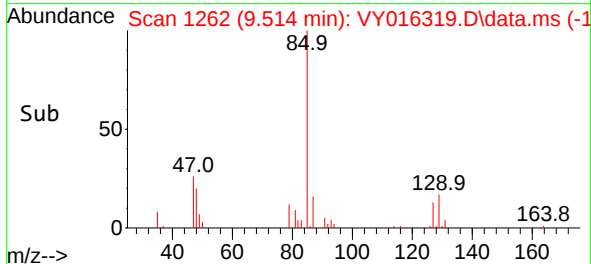
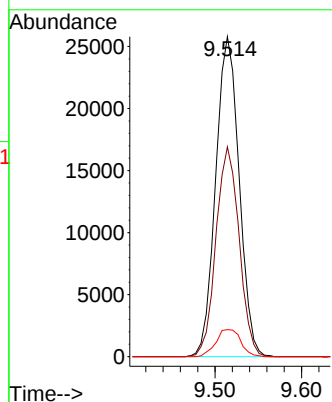
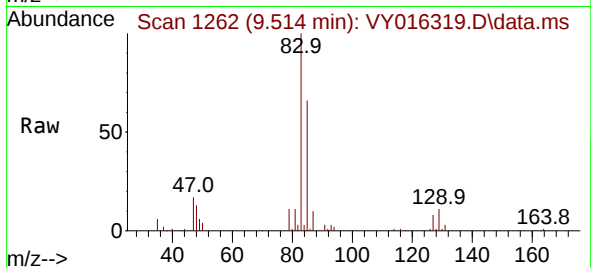
#47
Bromodichloromethane
Concen: 20.346 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

Tgt Ion: 83 Resp: 48524
Ion Ratio Lower Upper
83 100
85 65.5 50.1 75.1
127 8.5 7.1 10.7

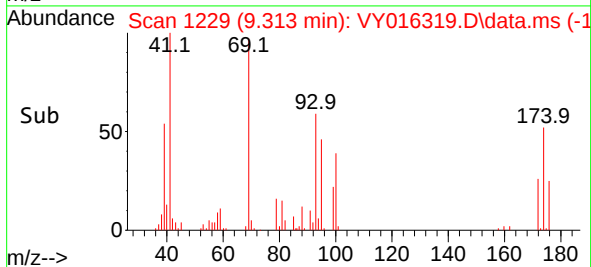
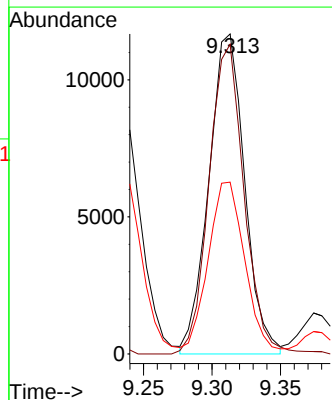
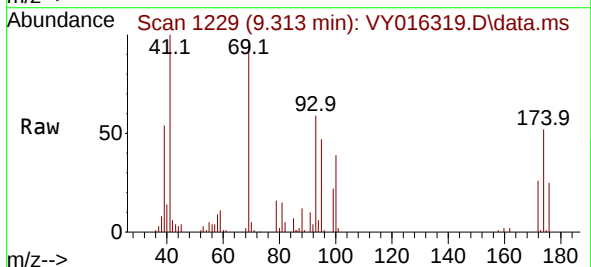
Manual Integrations
APPROVED

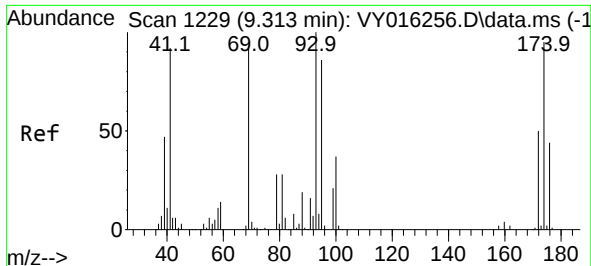
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#48
Methyl methacrylate
Concen: 19.413 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Tgt Ion: 41 Resp: 21260
Ion Ratio Lower Upper
41 100
69 94.7 64.5 96.7
39 51.8 50.8 76.2





#49

1,4-Dioxane

Concen: 374.373 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

Tgt Ion: 88 Resp: 368

Ion Ratio Lower Upper

88 100

43 32.7 0.0 0.0

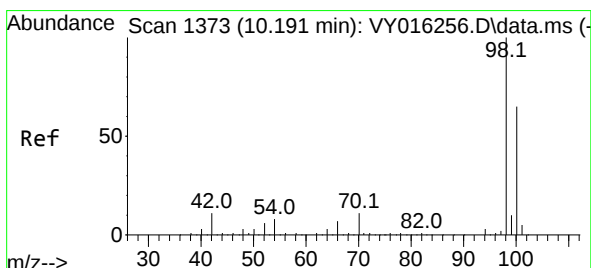
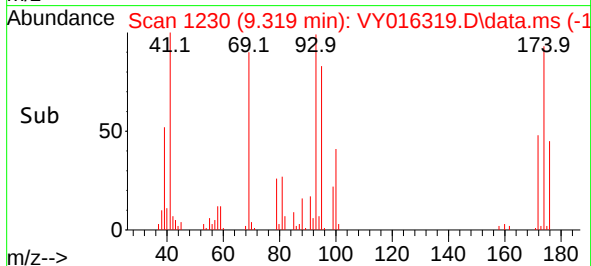
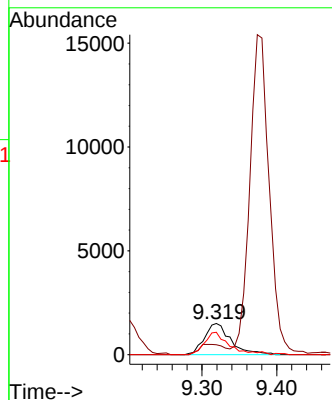
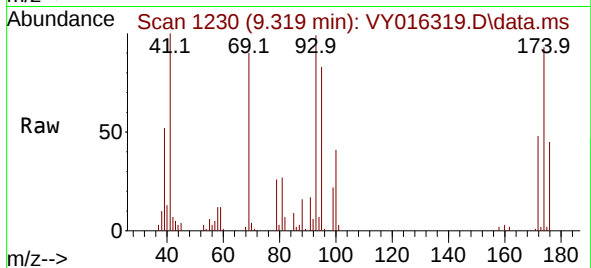
58 66.5 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#50

Toluene-d8

Concen: 48.933 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016319.D

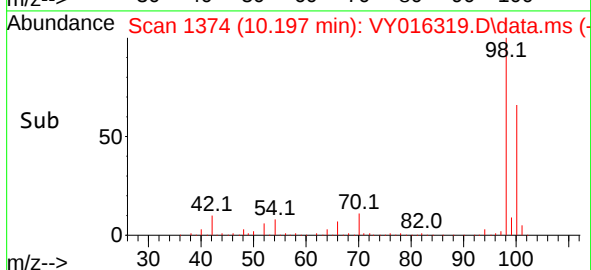
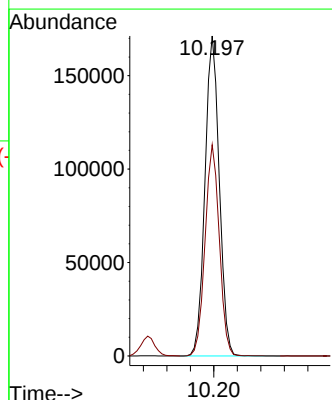
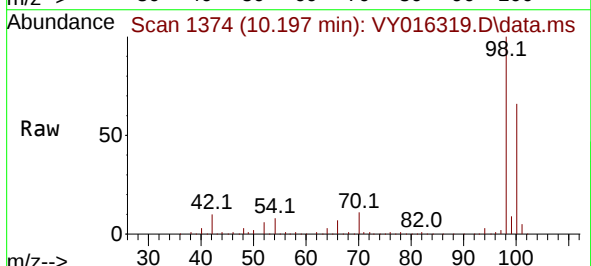
Acq: 13 Nov 2023 11:15

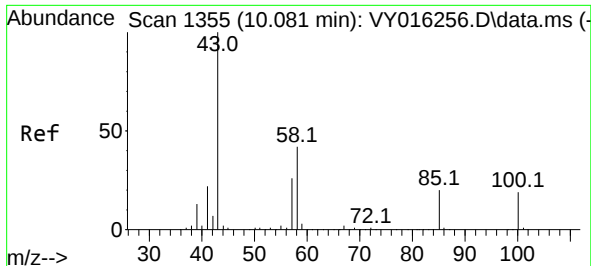
Tgt Ion: 98 Resp: 289931

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1





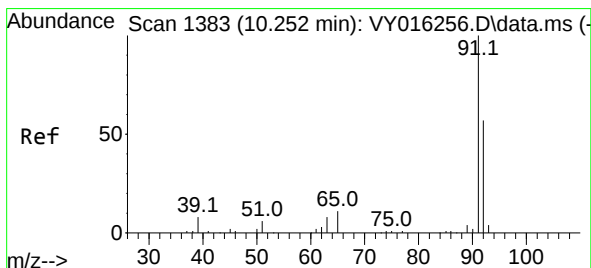
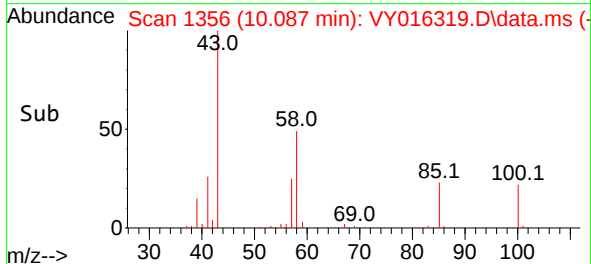
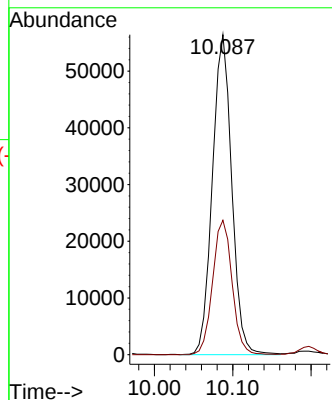
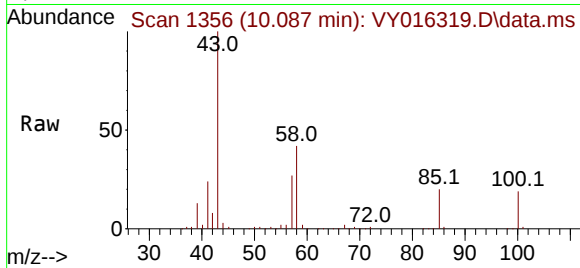
#51
4-Methyl-2-Pentanone
Concen: 96.731 ug/l
RT: 10.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

Tgt Ion: 43 Resp: 9692
Ion Ratio Lower Upper
43 100
58 42.2 29.0 43.6

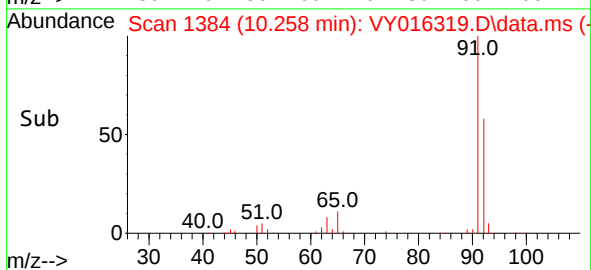
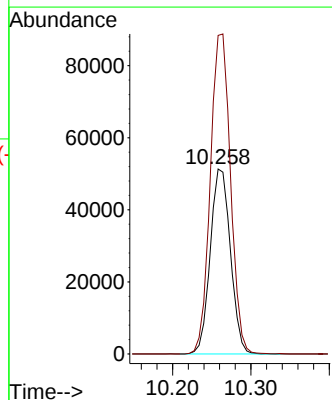
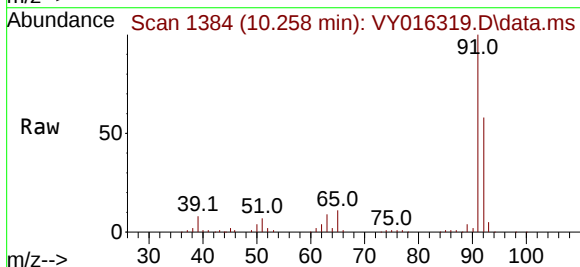
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#52
Toluene
Concen: 20.360 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Tgt Ion: 92 Resp: 91739
Ion Ratio Lower Upper
92 100
91 173.2 143.8 215.6





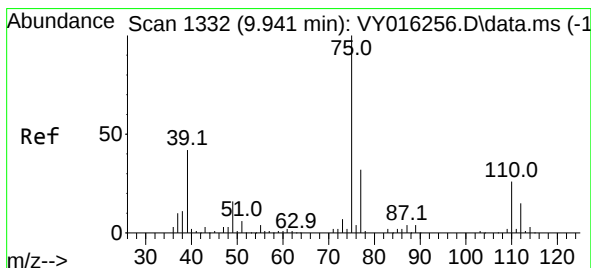
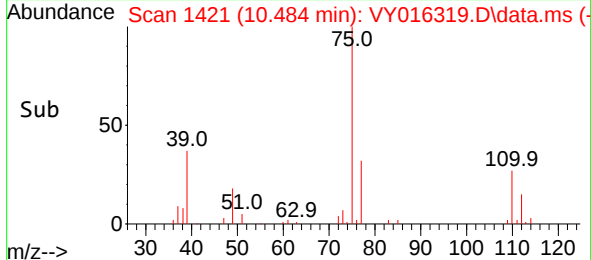
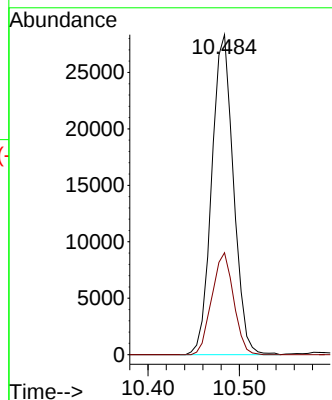
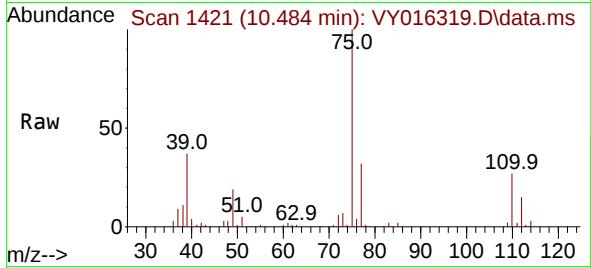
#53
t-1,3-Dichloropropene
Concen: 20.208 ug/l
RT: 10.484 min Scan# 1420
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

Tgt Ion: 75 Resp: 46720
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.4

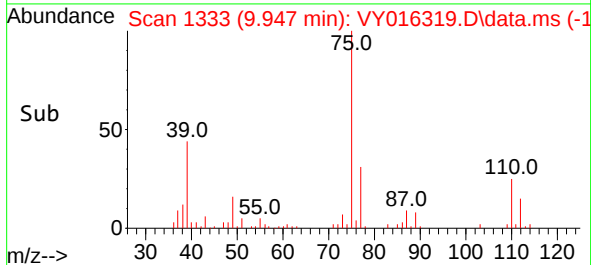
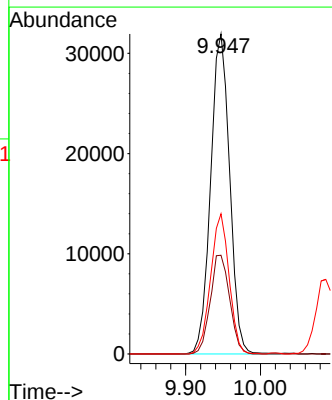
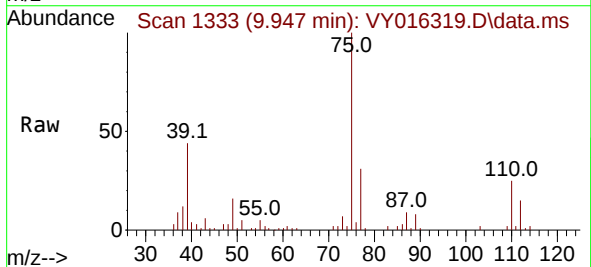
Manual Integrations
APPROVED

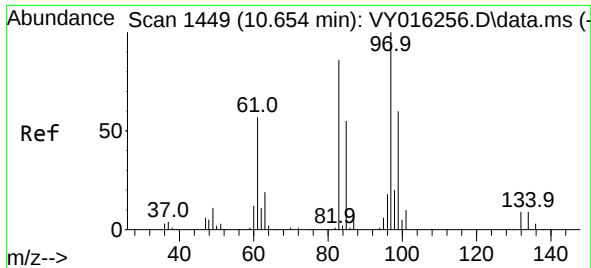
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#54
cis-1,3-Dichloropropene
Concen: 20.455 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

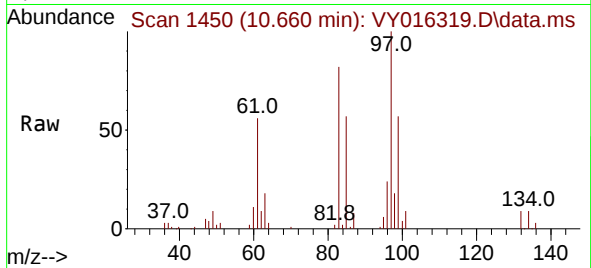
Tgt Ion: 75 Resp: 56484
Ion Ratio Lower Upper
75 100
77 30.8 24.2 36.4
39 43.8 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 20.889 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

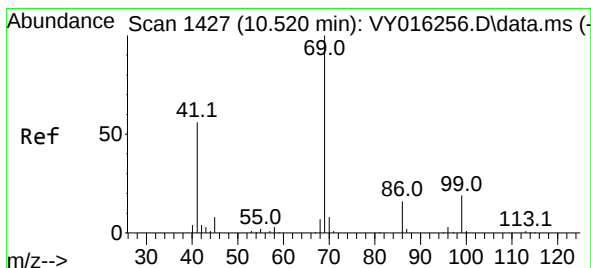
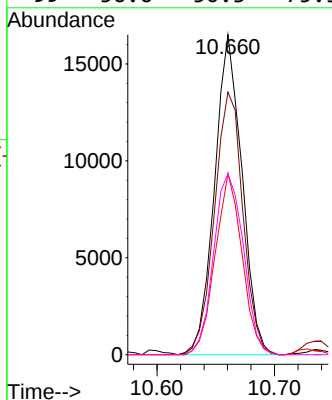
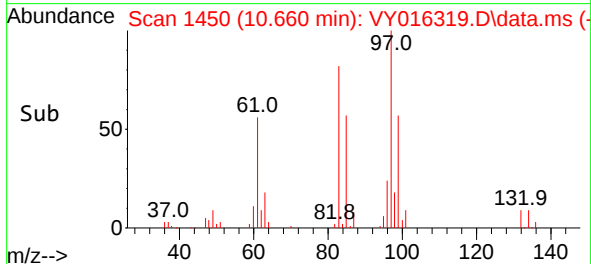
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



Tgt Ion: 97 Resp: 26709
Ion Ratio Lower Upper
97 100
83 82.1 72.0 108.0
85 56.6 45.4 68.0
99 56.6 50.3 75.5

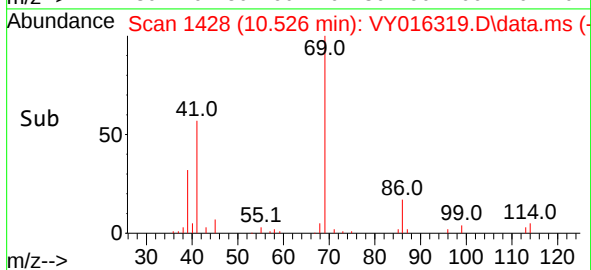
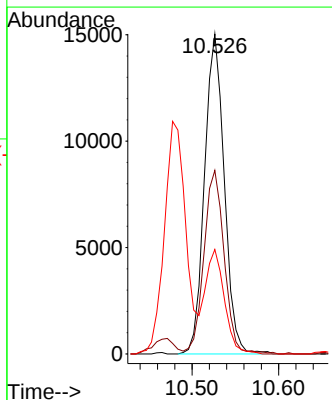
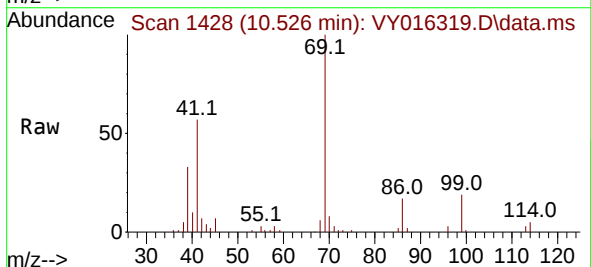
Manual Integrations
APPROVED

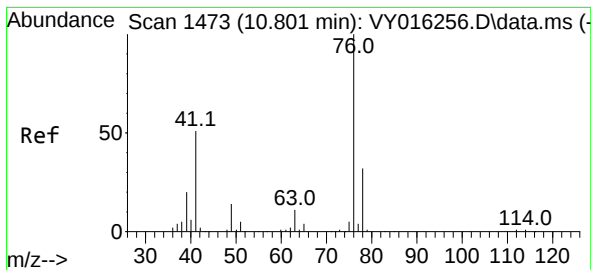
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#56
Ethyl methacrylate
Concen: 19.721 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

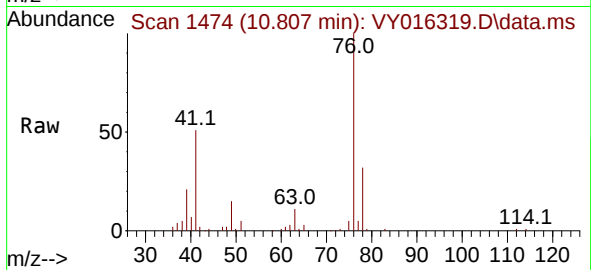
Tgt Ion: 69 Resp: 23802
Ion Ratio Lower Upper
69 100
41 59.1 57.6 86.4
39 31.0 34.1 51.1#





#57
1,3-Dichloropropane
Concen: 20.670 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

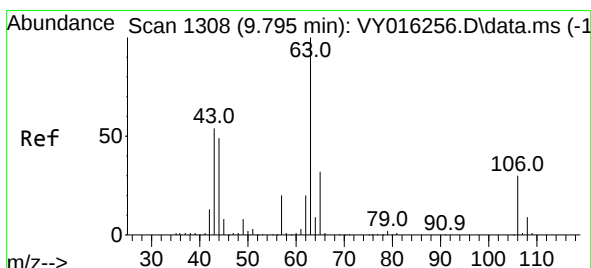
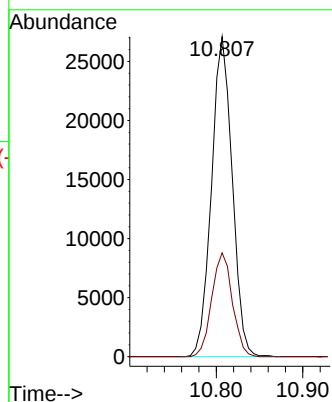
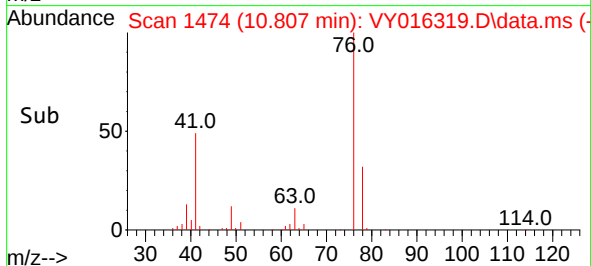
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01



Tgt Ion: 76 Resp: 45050
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9

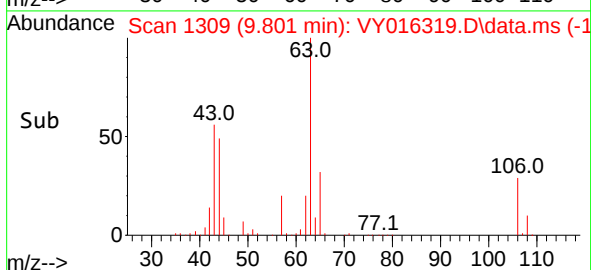
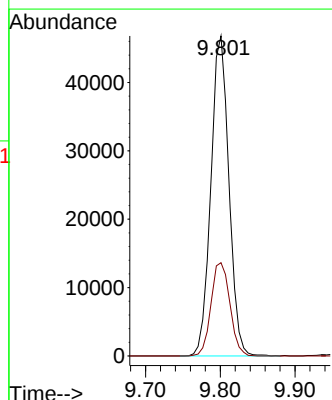
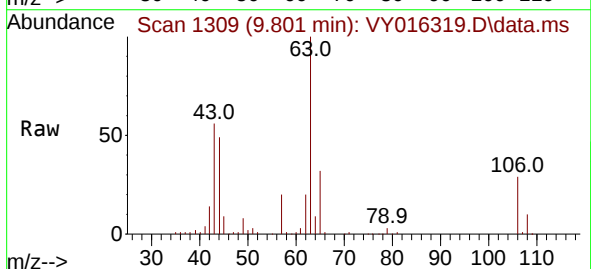
Manual Integrations
APPROVED

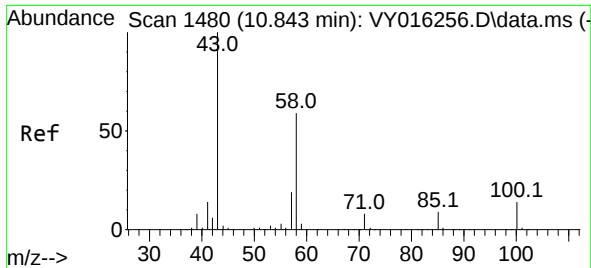
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#58
2-Chloroethyl Vinyl ether
Concen: 95.847 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

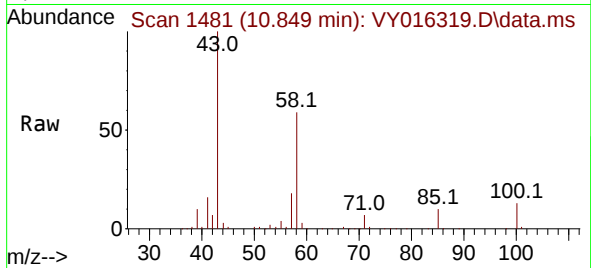
Tgt Ion: 63 Resp: 78441
Ion Ratio Lower Upper
63 100
106 30.5 21.2 31.8





#59
2-Hexanone
Concen: 108.715 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

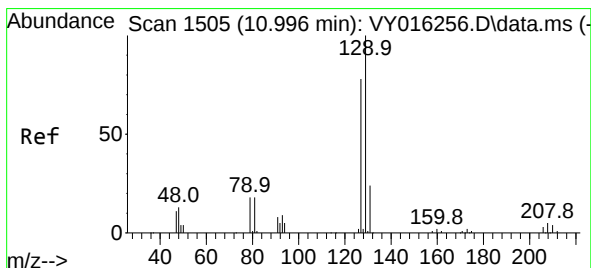
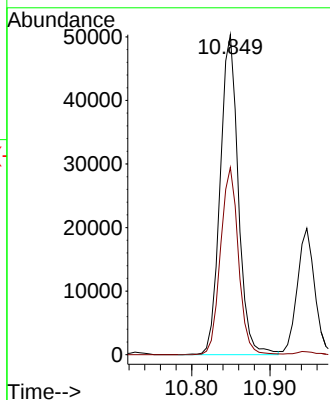
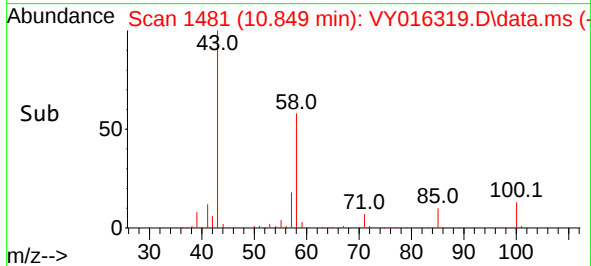
Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01



Tgt Ion: 43 Resp: 8102
Ion Ratio Lower Upper
43 100
58 57.8 25.1 75.3

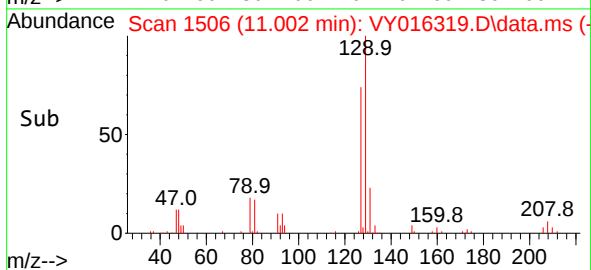
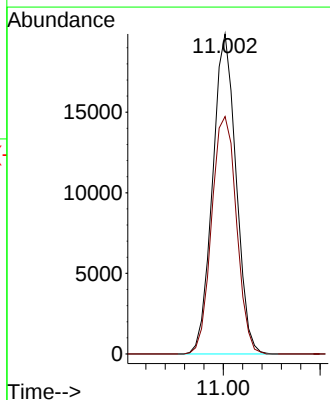
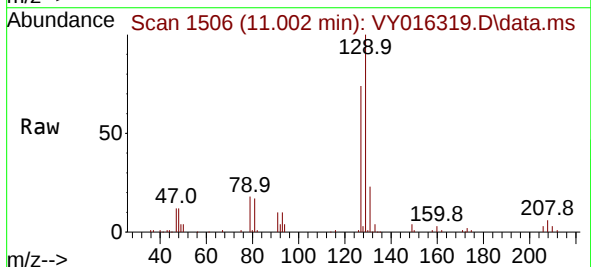
Manual Integrations
APPROVED

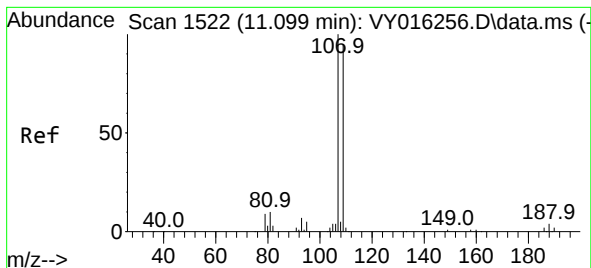
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#60
Dibromochloromethane
Concen: 20.908 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Tgt Ion:129 Resp: 33433
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





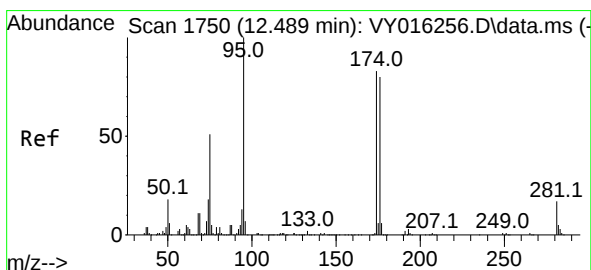
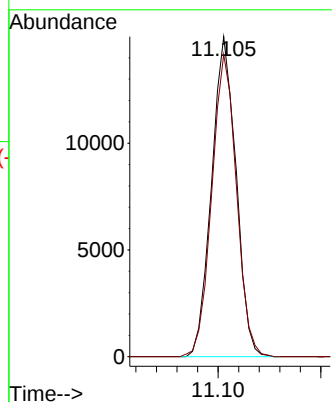
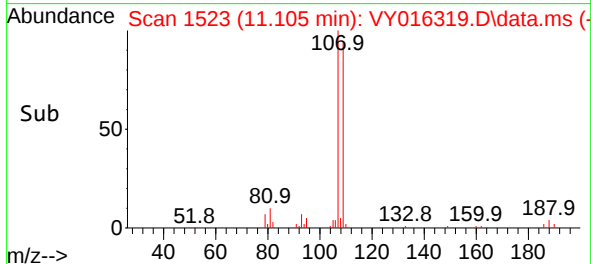
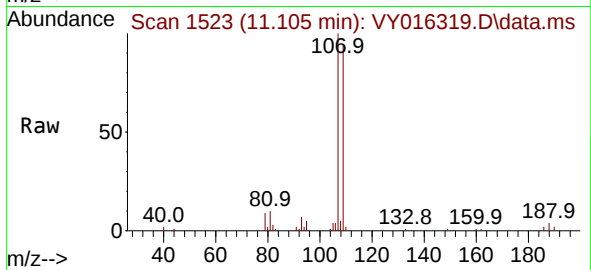
#61
1,2-Dibromoethane
Concen: 20.307 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

Tgt Ion:107 Resp: 24730
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4

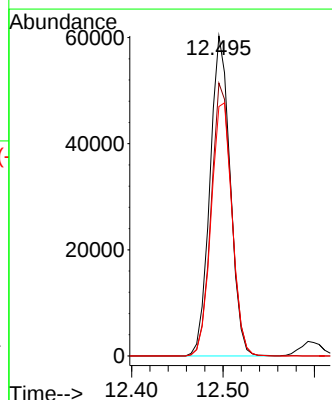
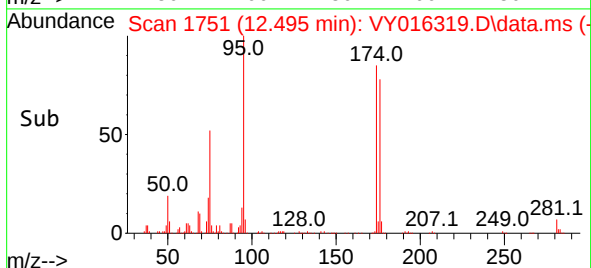
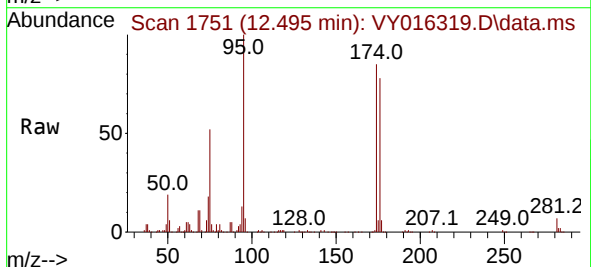
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#62
4-Bromofluorobenzene
Concen: 48.087 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Tgt Ion: 95 Resp: 92537
Ion Ratio Lower Upper
95 100
174 85.7 0.0 178.2
176 82.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

Tgt Ion:117 Resp: 222864

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

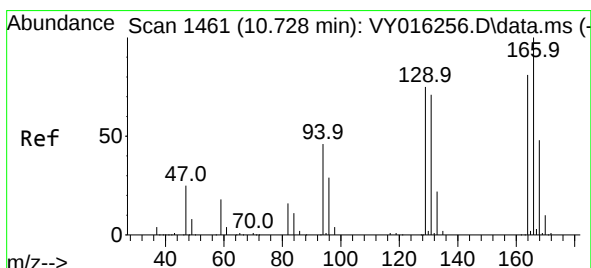
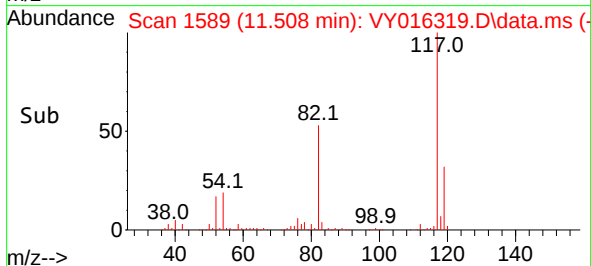
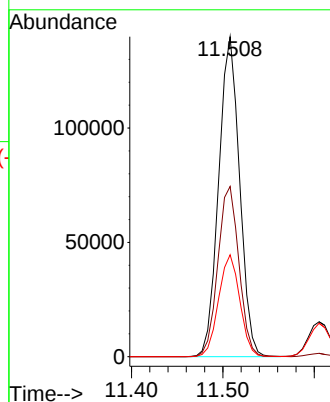
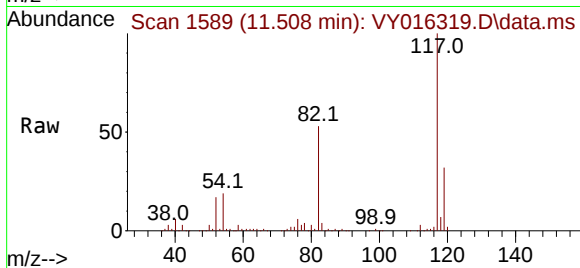
119 31.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#64

Tetrachloroethene

Concen: 20.124 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Tgt Ion:164 Resp: 40270

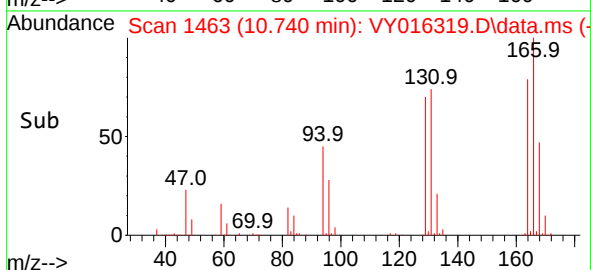
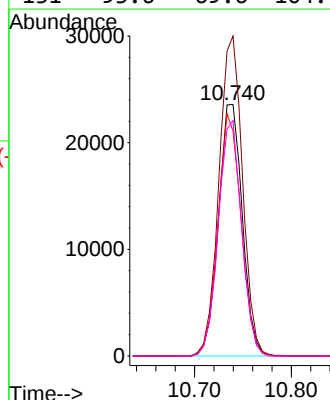
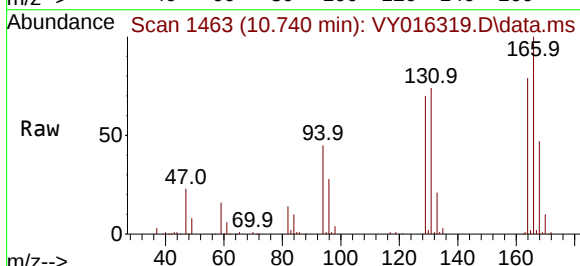
Ion Ratio Lower Upper

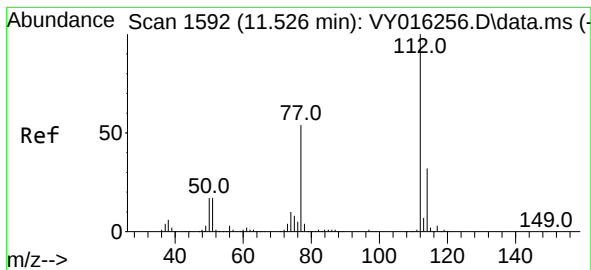
164 100

166 127.2 103.0 154.6

129 89.5 77.2 115.8

131 93.6 69.6 104.4





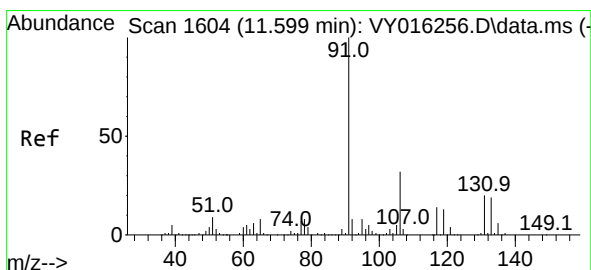
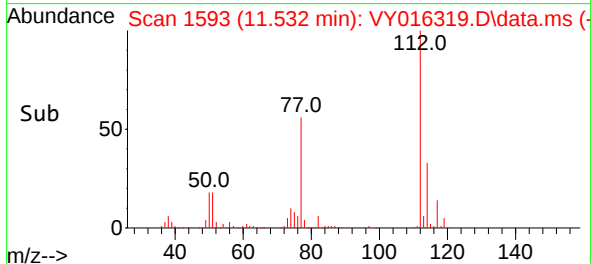
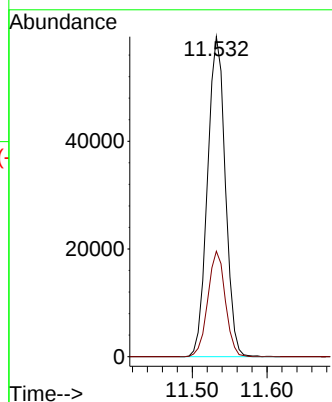
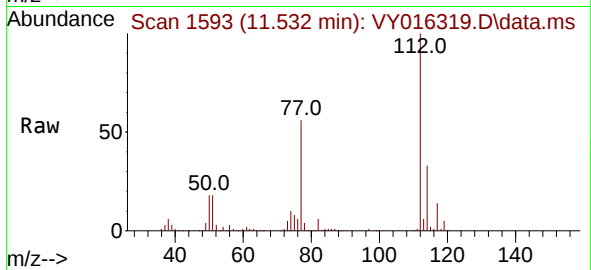
#65
Chlorobenzene
Concen: 20.666 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

Tgt Ion:112 Resp: 9840
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3

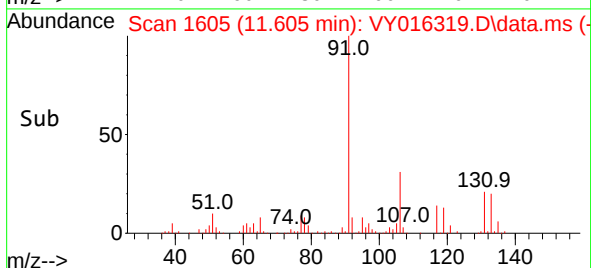
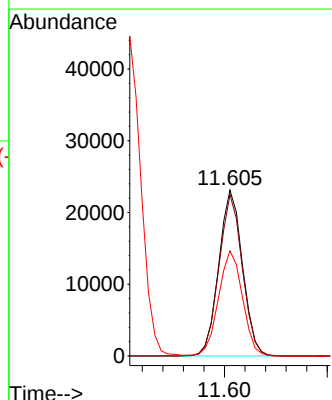
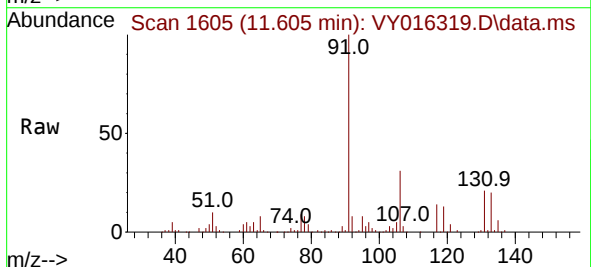
Manual Integrations
APPROVED

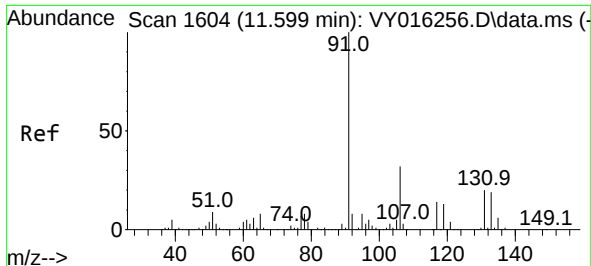
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.020 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Tgt Ion:131 Resp: 36916
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 64.0 31.6 94.7





#67

Ethyl Benzene

Concen: 20.377 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

Tgt Ion: 91 Resp: 174369

Ion Ratio Lower Upper

91 100

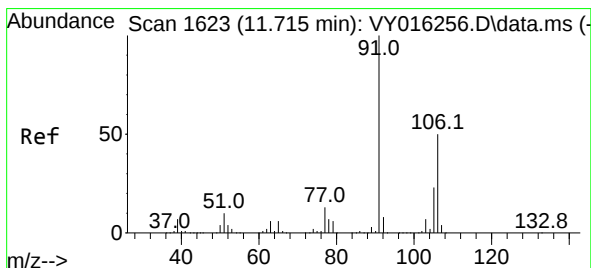
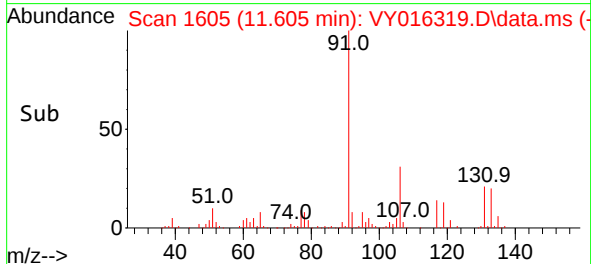
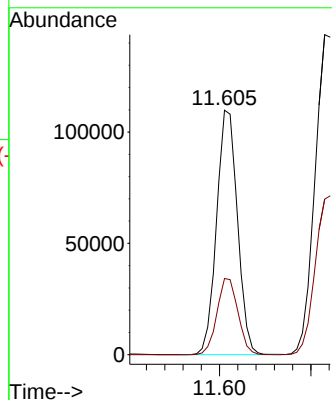
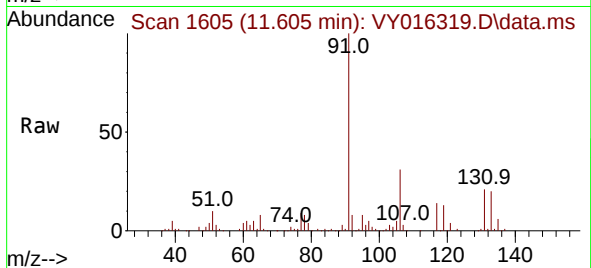
106 31.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#68

m/p-Xylenes

Concen: 41.044 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.006 min

Lab File: VY016319.D

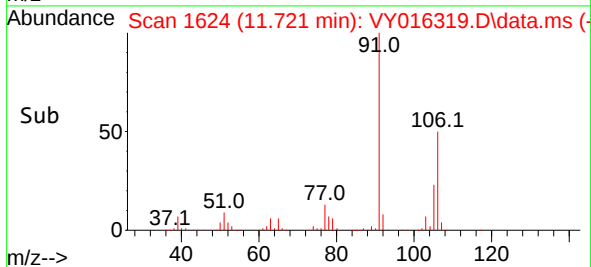
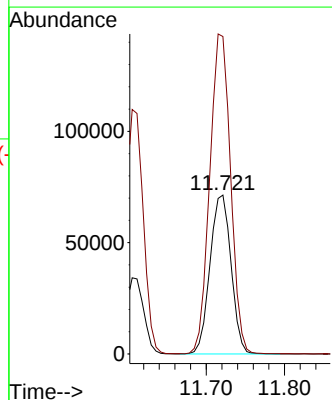
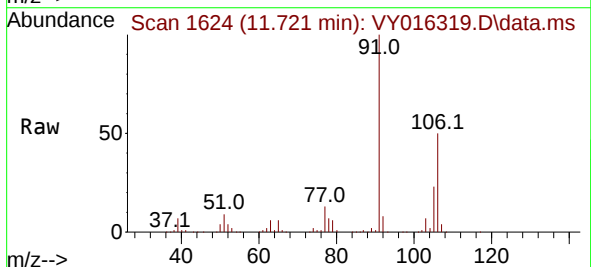
Acq: 13 Nov 2023 11:15

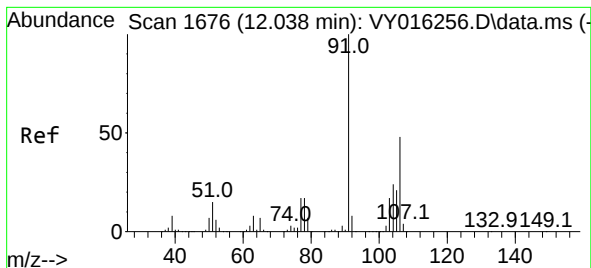
Tgt Ion:106 Resp: 133215

Ion Ratio Lower Upper

106 100

91 198.8 166.1 249.1





#69

o-Xylene

Concen: 20.279 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

Tgt Ion:106 Resp: 61110

Ion Ratio Lower Upper

106 100

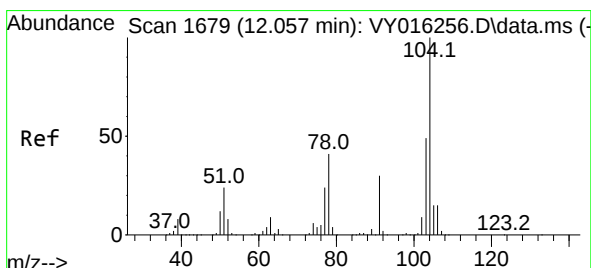
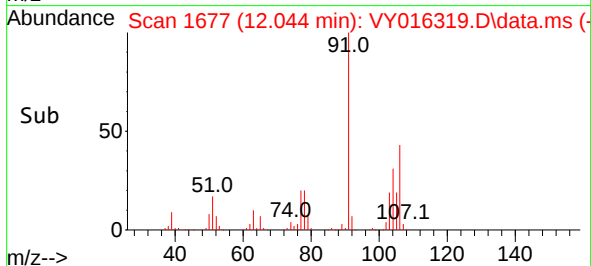
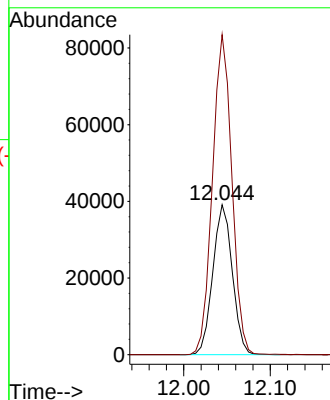
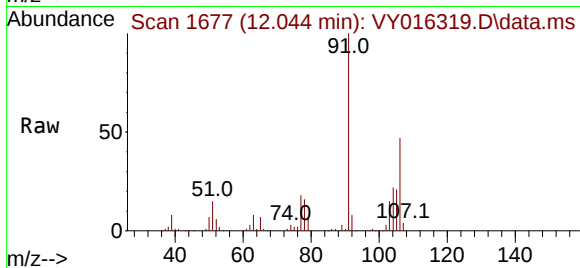
91 212.6 108.1 324.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#70

Styrene

Concen: 20.529 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

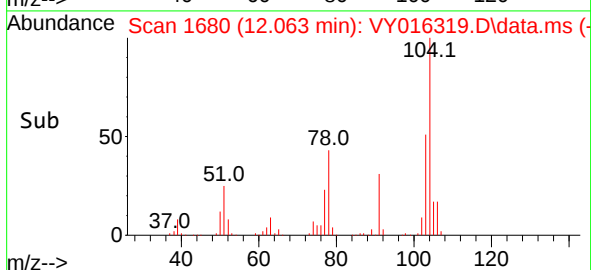
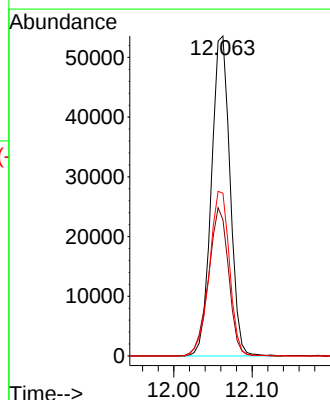
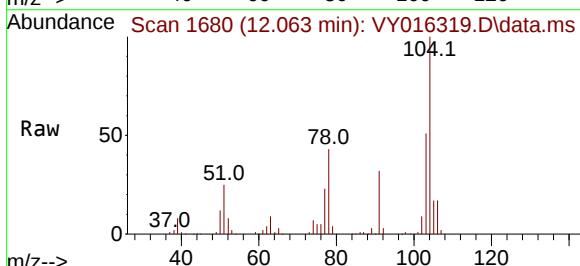
Tgt Ion:104 Resp: 88581

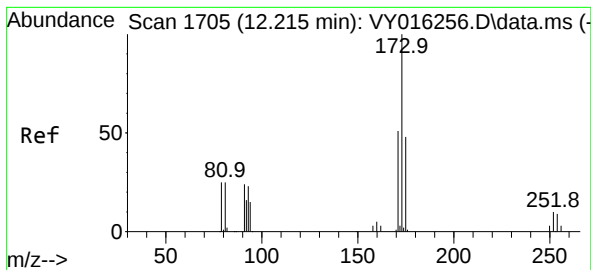
Ion Ratio Lower Upper

104 100

78 50.0 41.5 62.3

103 55.6 44.6 67.0





#71

Bromoform

Concen: 20.735 ug/l

RT: 12.227 min Scan# 1707

Delta R.T. 0.012 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

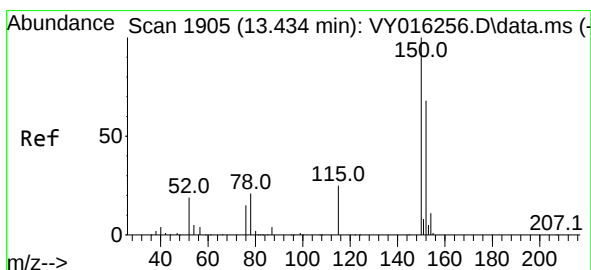
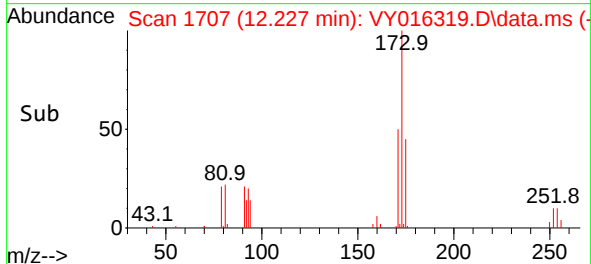
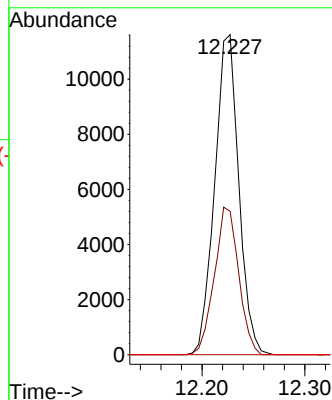
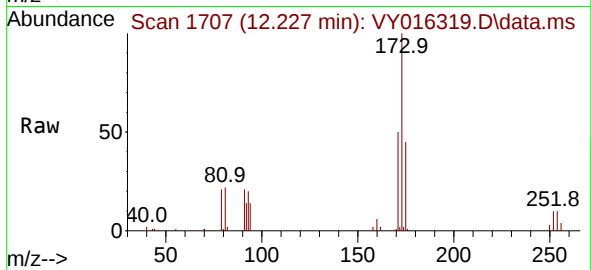
VY1113SBSD01

Tgt Ion:173	Resp:	1889
Ion Ratio	Lower	Upper
173	100	
175	46.5	24.6 73.8
254	0.0	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

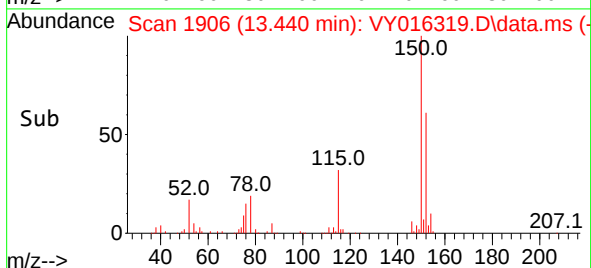
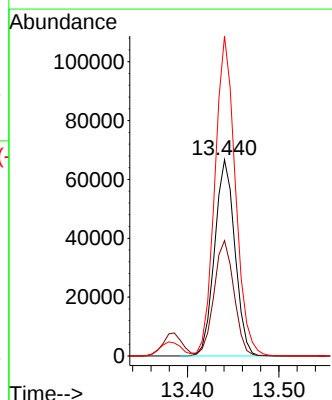
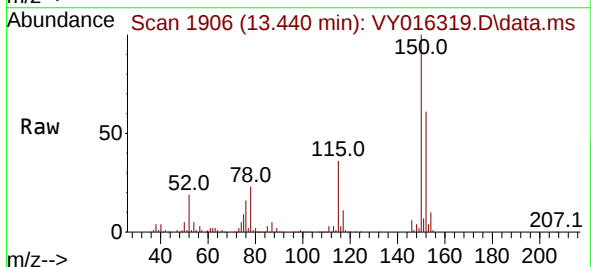
RT: 13.440 min Scan# 1906

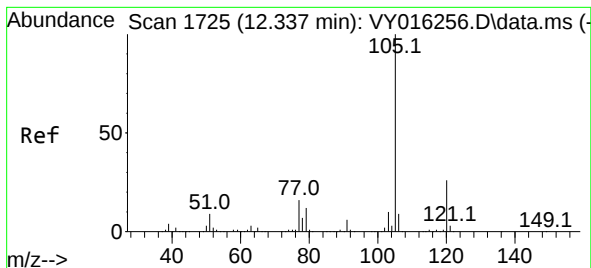
Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Tgt Ion:152	Resp:	102632
Ion Ratio	Lower	Upper
152	100	
115	58.0	28.8 86.5
150	165.3	0.0 348.8





#73

Isopropylbenzene

Concen: 20.274 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

Tgt Ion:105 Resp: 16849

Ion Ratio Lower Upper

105 100

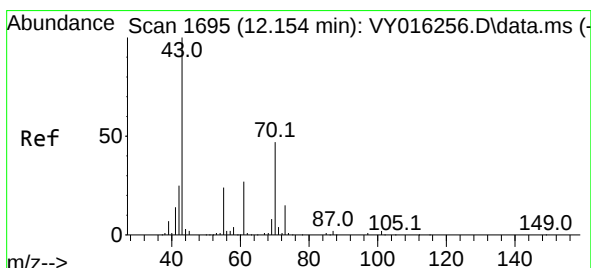
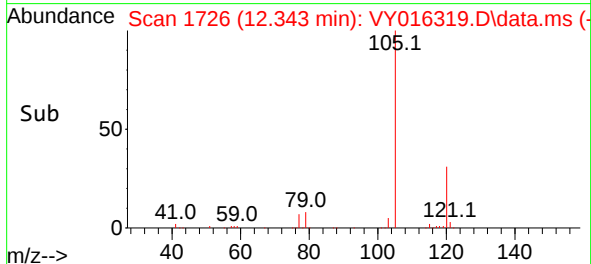
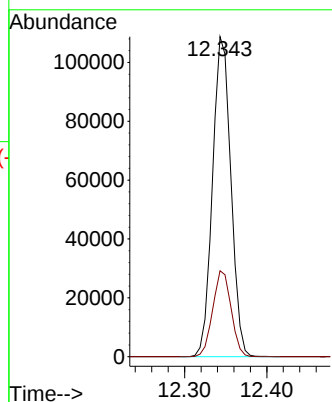
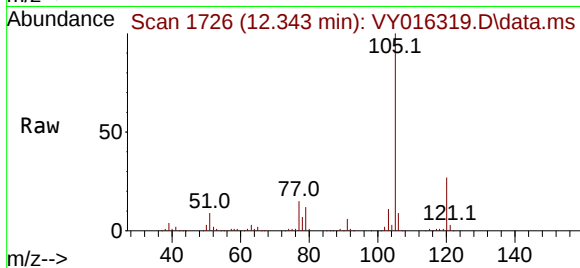
120 26.8 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#74

N-ethyl acetate

Concen: 19.045 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Tgt Ion: 43 Resp: 31794

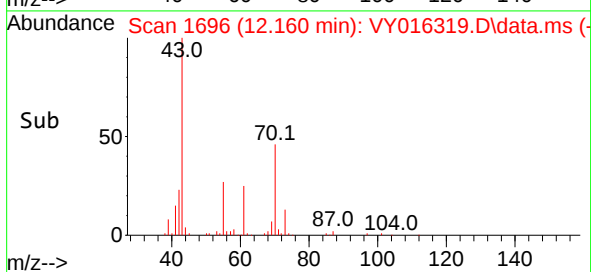
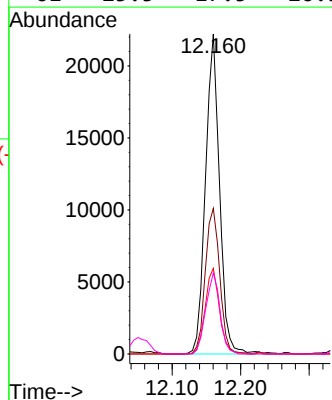
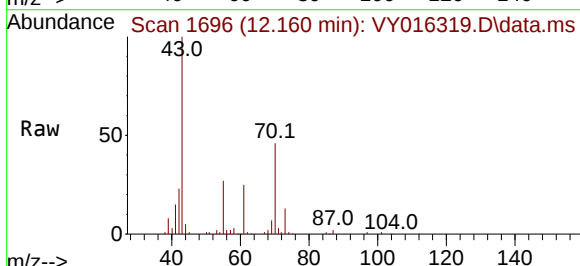
Ion Ratio Lower Upper

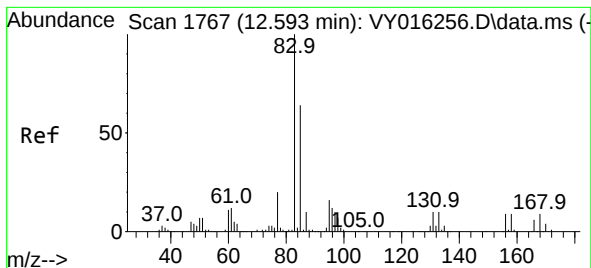
43 100

70 46.7 29.7 44.5

55 27.2 18.3 27.5

61 25.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.417 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

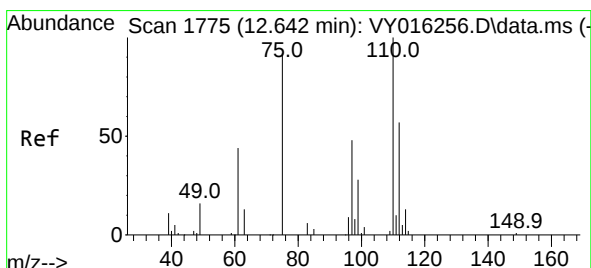
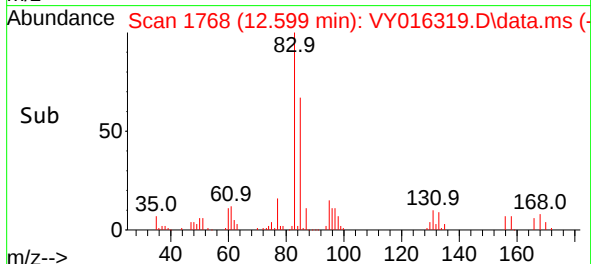
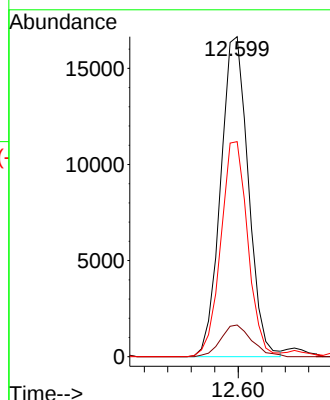
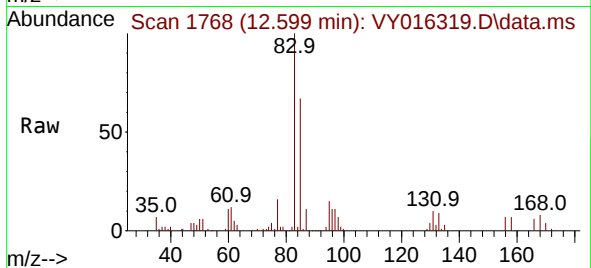
VY1113SBSD01

Tgt Ion: 83 Resp: 27228
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.4 16.2
 85 65.6 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#76

1,2,3-Trichloropropane

Concen: 19.036 ug/l m

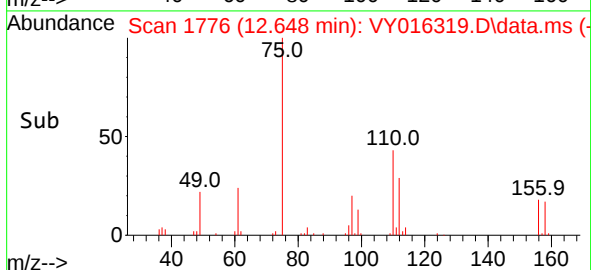
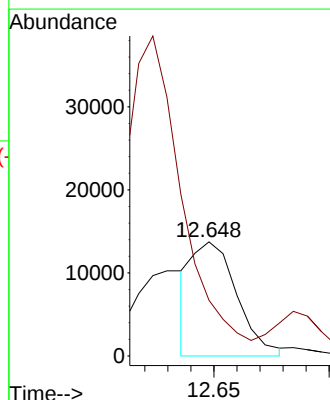
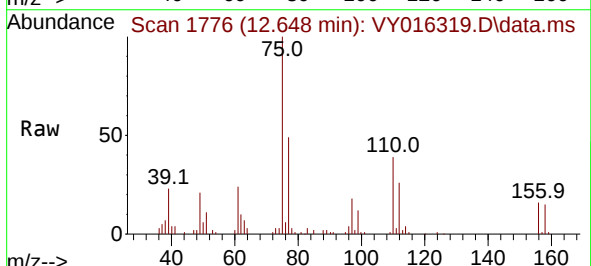
RT: 12.648 min Scan# 1776

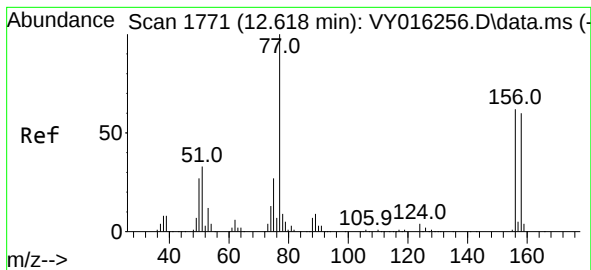
Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Tgt Ion: 75 Resp: 18742
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.276 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

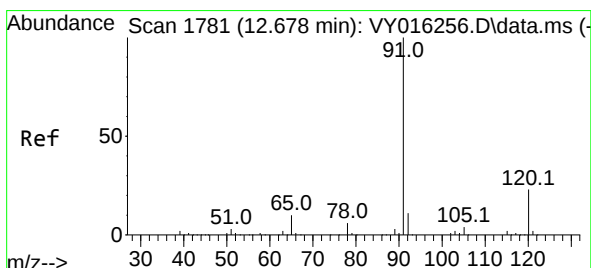
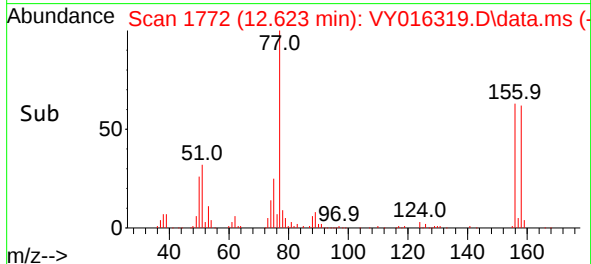
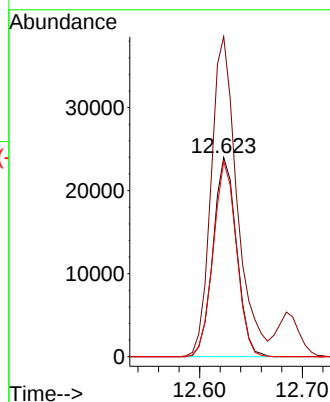
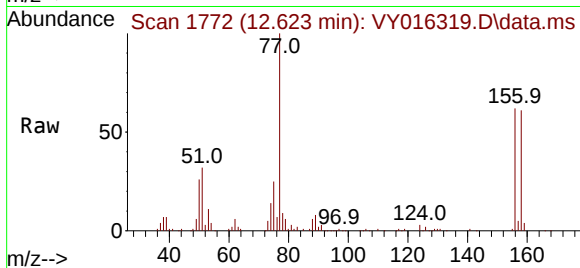
VY1113SBS01

Tgt Ion:	156	Resp:	3808
Ion Ratio	Lower	Upper	
156	100		
77	177.4	92.8	278.6
158	96.8	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#78

n-propylbenzene

Concen: 20.505 ug/l

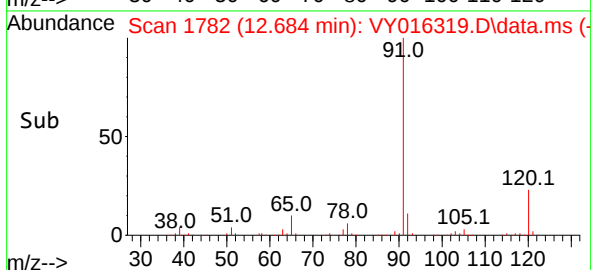
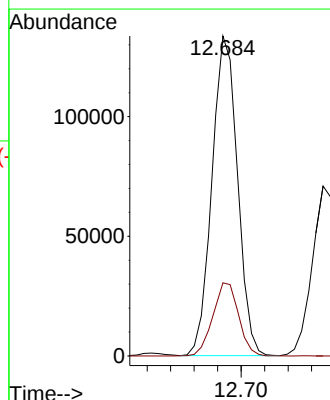
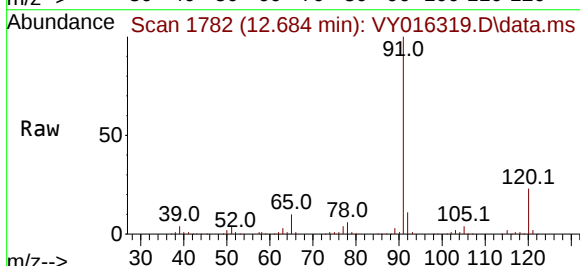
RT: 12.684 min Scan# 1782

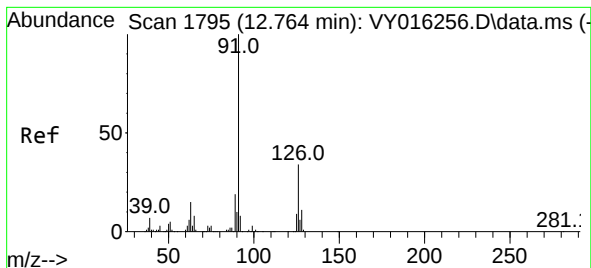
Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Tgt Ion:	91	Resp:	201395
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





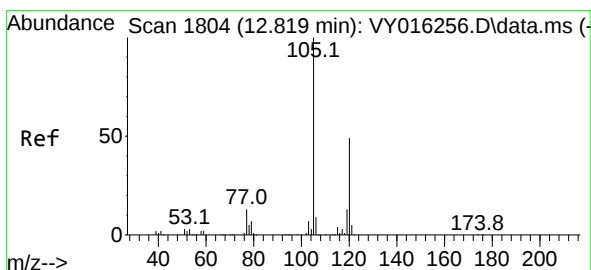
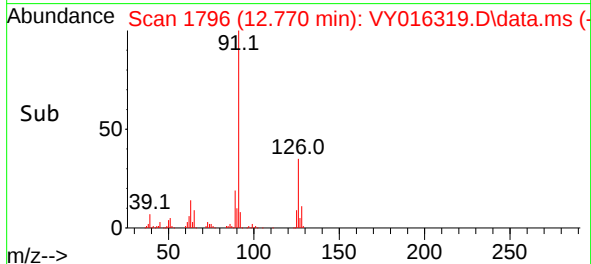
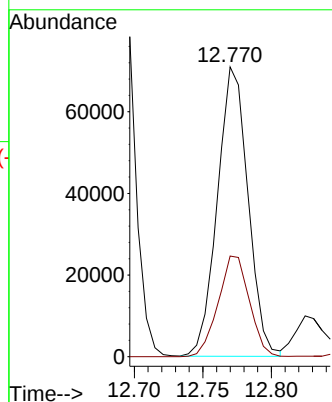
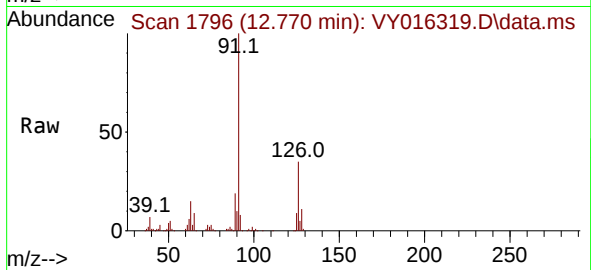
#79
2-Chlorotoluene
Concen: 20.409 ug/l
RT: 12.770 min Scan# 110470
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

Tgt Ion: 91 Resp: 110470
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7

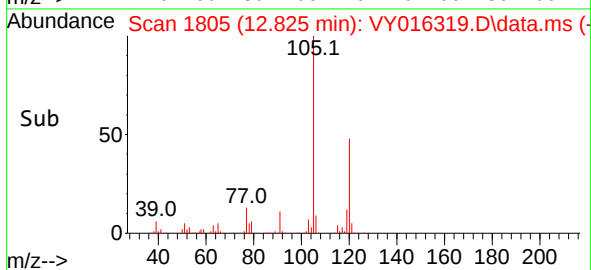
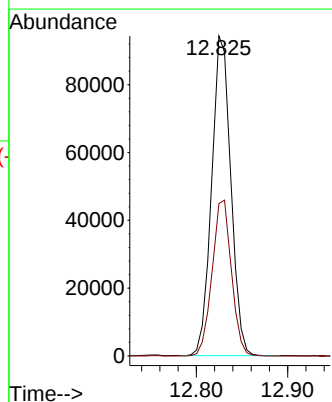
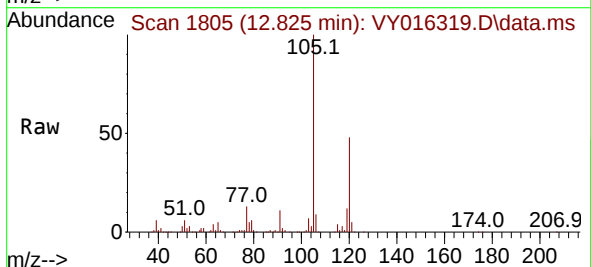
Manual Integrations
APPROVED

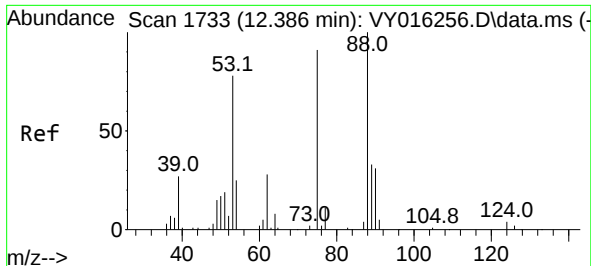
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.565 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Tgt Ion:105 Resp: 137802
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7





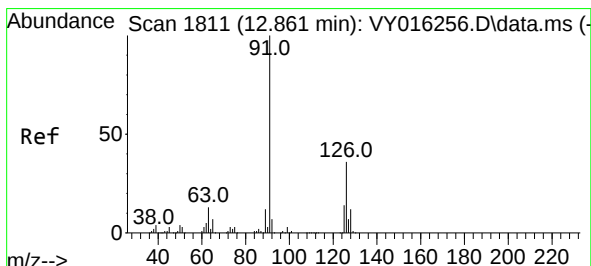
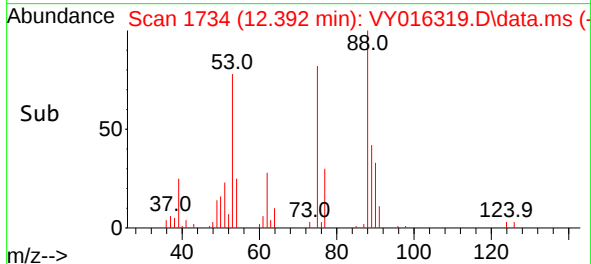
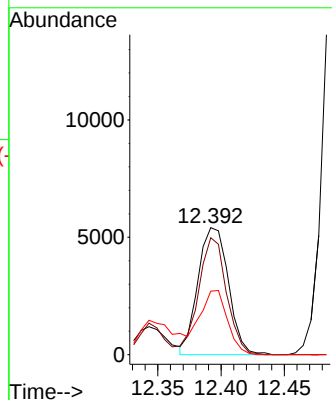
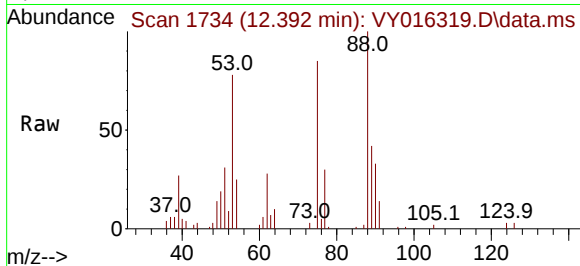
#81
trans-1,4-Dichloro-2-butene
Concen: 20.014 ug/l
RT: 12.392 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

Tgt Ion: 75 Resp: 9078
Ion Ratio Lower Upper
75 100
53 85.6 77.8 116.8
89 45.5 37.4 56.0

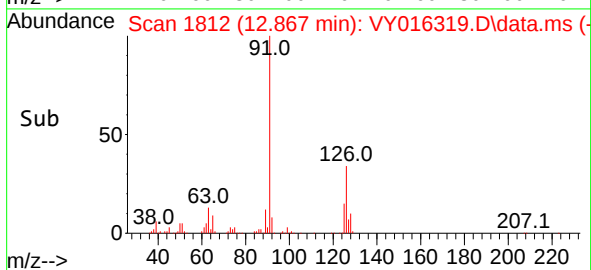
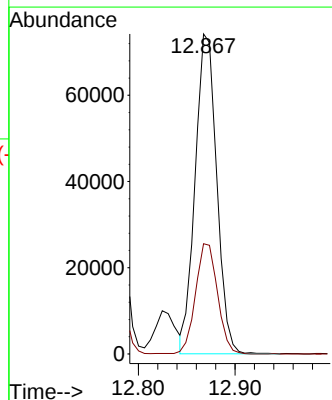
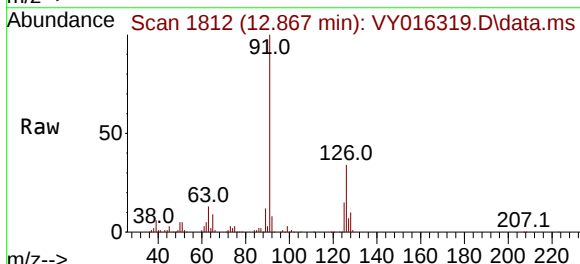
Manual Integrations
APPROVED

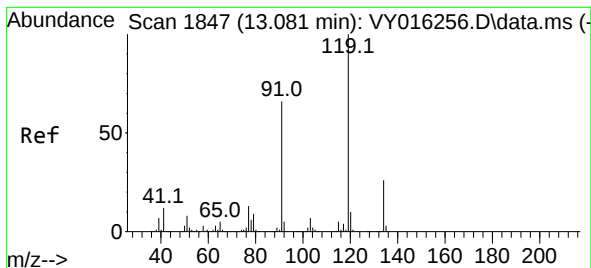
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#82
4-Chlorotoluene
Concen: 20.569 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Tgt Ion: 91 Resp: 115045
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.825 ug/l

RT: 13.093 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBSD01

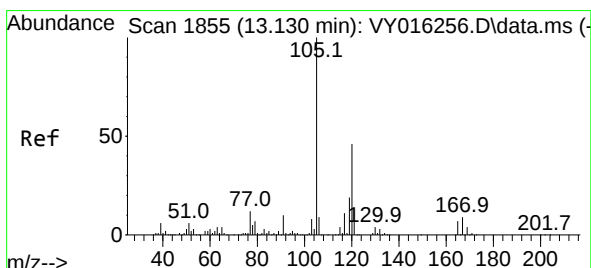
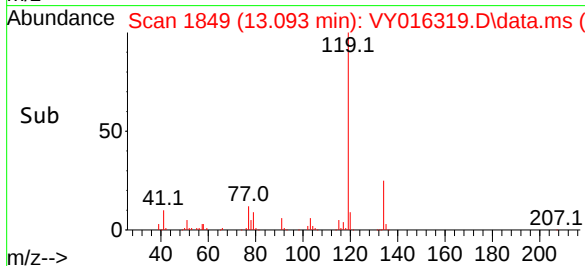
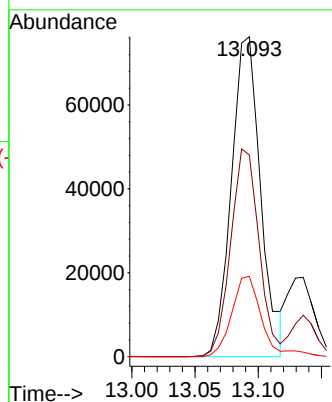
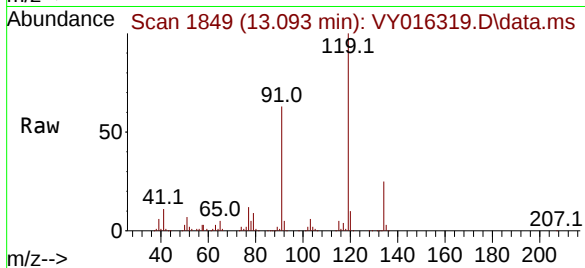
Tgt Ion:119 Resp: 122907

Ion	Ratio	Lower	Upper
119	100		
91	63.1	32.9	98.6
134	25.8	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.213 ug/l

RT: 13.136 min Scan# 1856

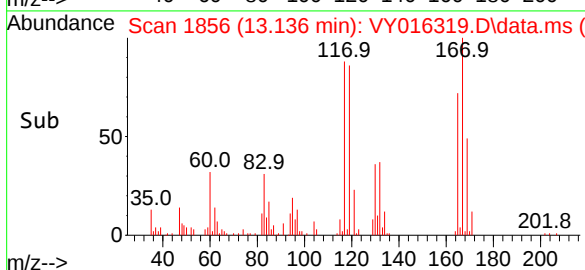
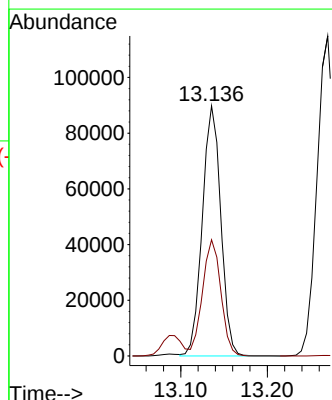
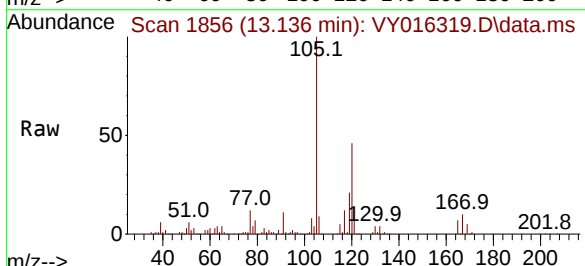
Delta R.T. 0.006 min

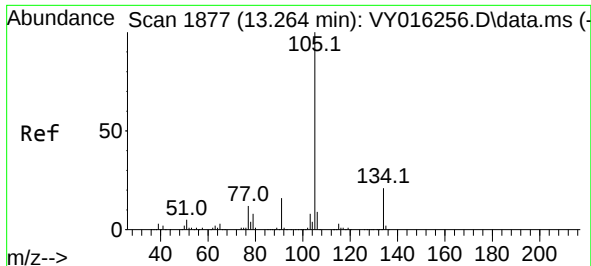
Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Tgt Ion:105 Resp: 133362

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.2	66.6





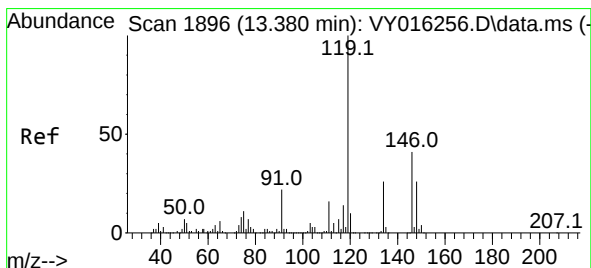
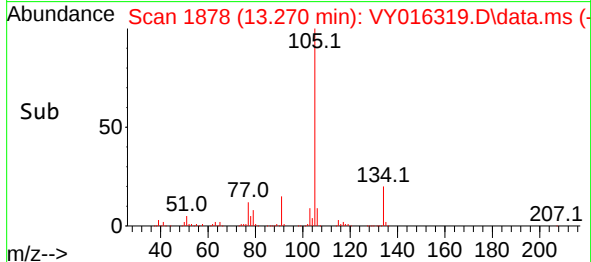
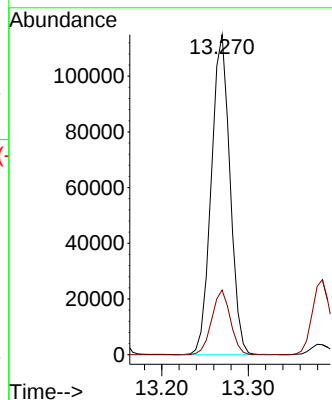
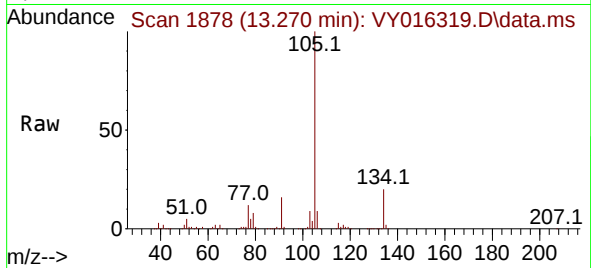
#85
 sec-Butylbenzene
 Concen: 20.406 ug/l
 RT: 13.270 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VY016319.D
 Acq: 13 Nov 2023 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1113SBSD01

Tgt Ion:105 Resp: 172062
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6

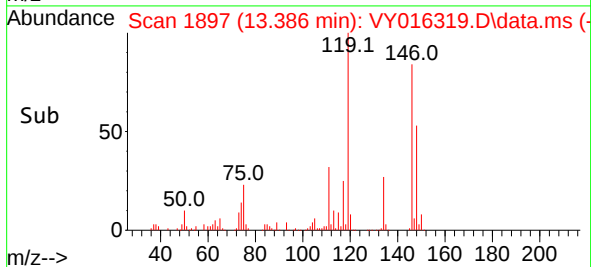
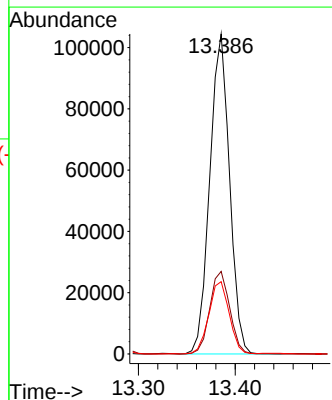
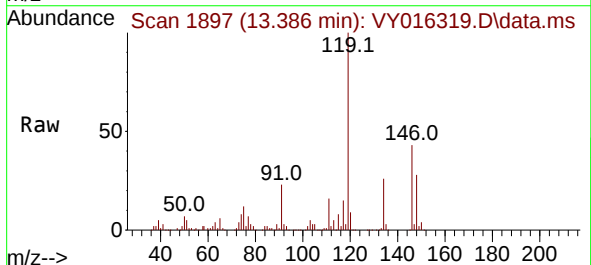
Manual Integrations
 APPROVED

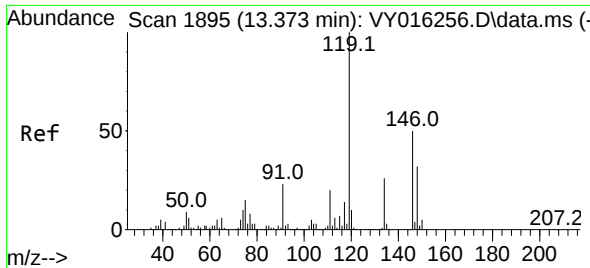
Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023



#86
 p-Isopropyltoluene
 Concen: 20.448 ug/l
 RT: 13.386 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY016319.D
 Acq: 13 Nov 2023 11:15

Tgt Ion:119 Resp: 148462
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 23.4 12.4 37.4





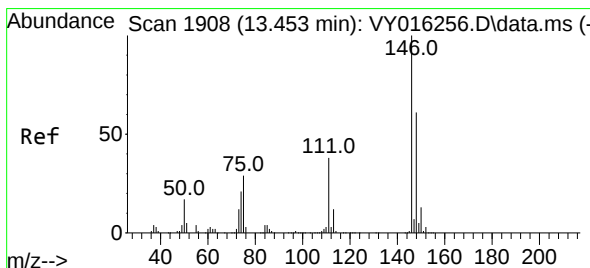
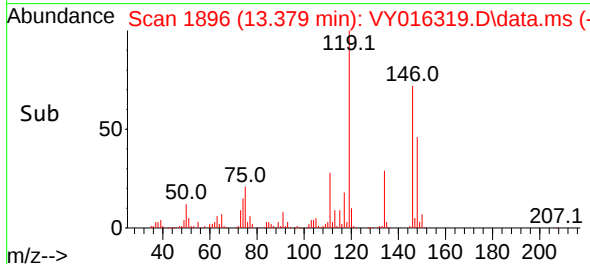
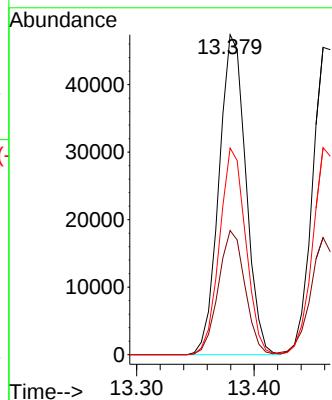
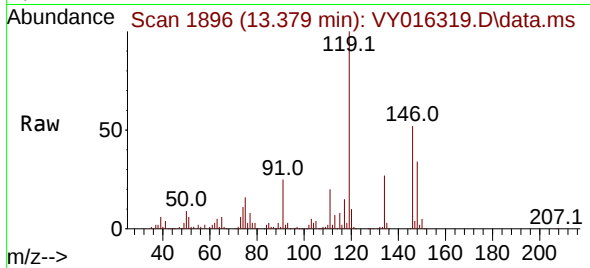
#87
1,3-Dichlorobenzene
Concen: 20.821 ug/l
RT: 13.379 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBSD01

Tgt Ion:146 Resp: 7524
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.2
148 63.0 31.9 95.5

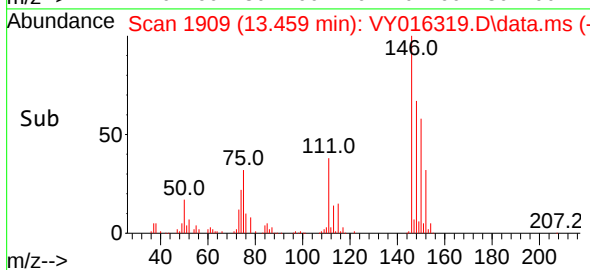
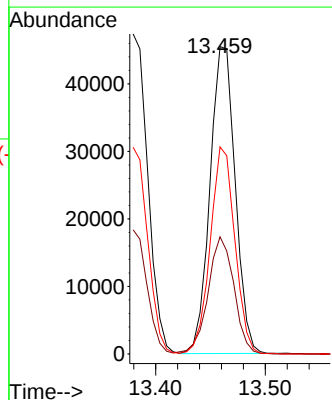
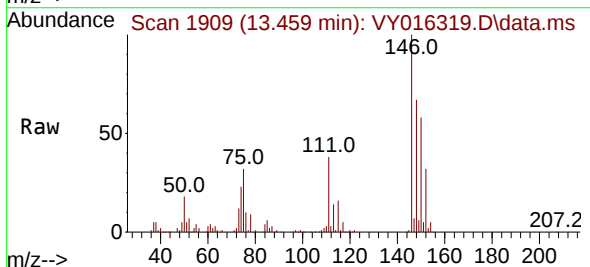
Manual Integrations
APPROVED

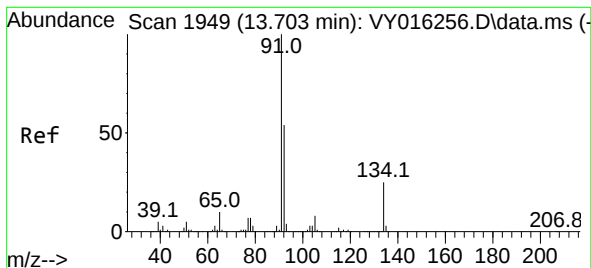
Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#88
1,4-Dichlorobenzene
Concen: 20.610 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016319.D
Acq: 13 Nov 2023 11:15

Tgt Ion:146 Resp: 72789
Ion Ratio Lower Upper
146 100
111 39.1 18.9 56.7
148 65.9 32.1 96.5





#89

n-Butylbenzene

Concen: 20.328 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

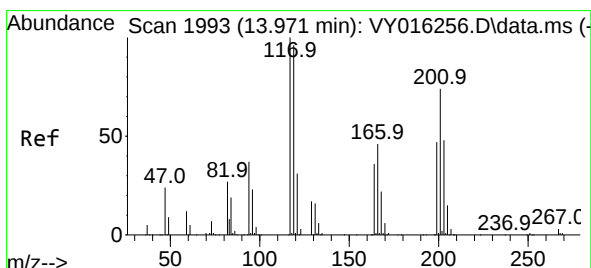
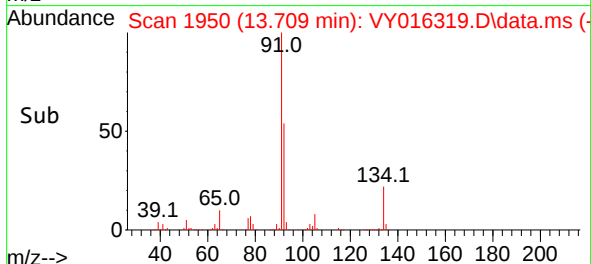
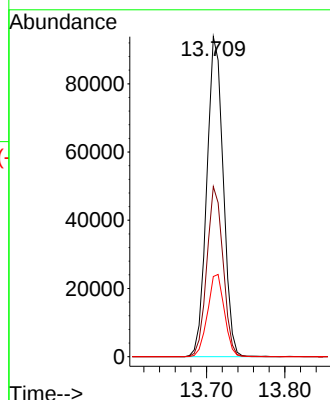
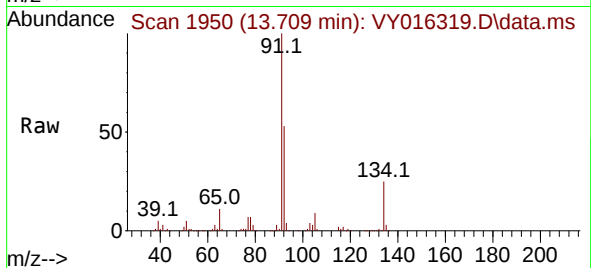
VY1113SBSD01

Tgt Ion:	91	Resp:	136298
Ion Ratio	Lower	Upper	
91	100		
92	52.4	25.4	76.0
134	26.4	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#90

Hexachloroethane

Concen: 20.353 ug/l

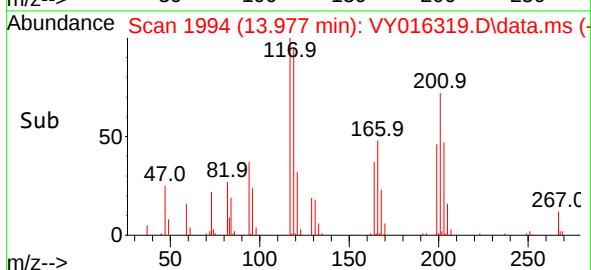
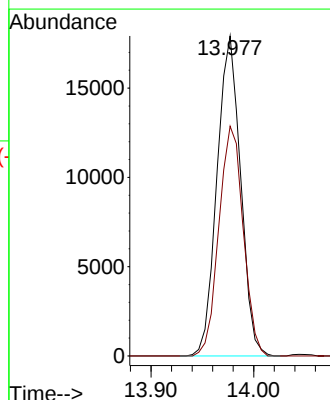
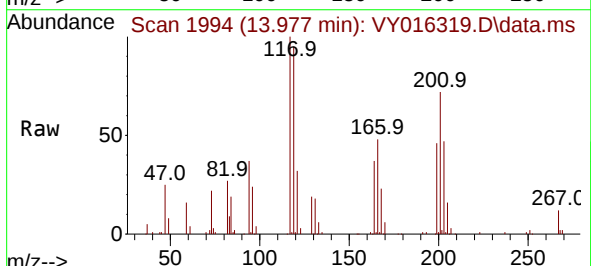
RT: 13.977 min Scan# 1994

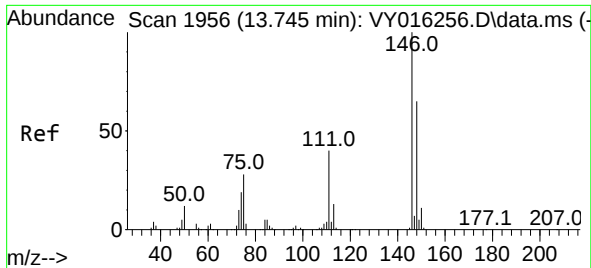
Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Tgt Ion:	117	Resp:	28505
Ion Ratio	Lower	Upper	
117	100		
201	74.0	41.6	124.8





#91

1,2-Dichlorobenzene

Concen: 20.446 ug/l

RT: 13.757 min Scan# 1956

Delta R.T. 0.012 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

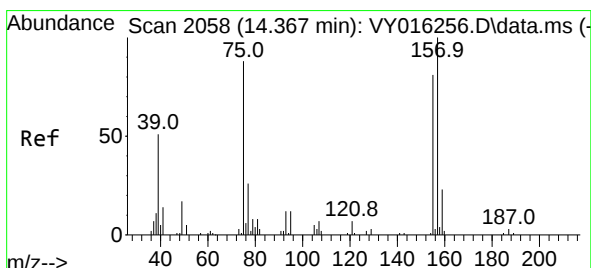
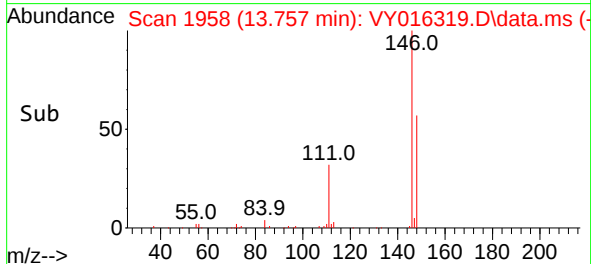
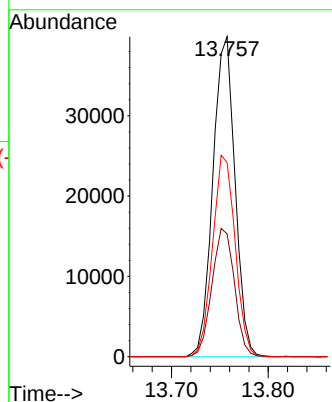
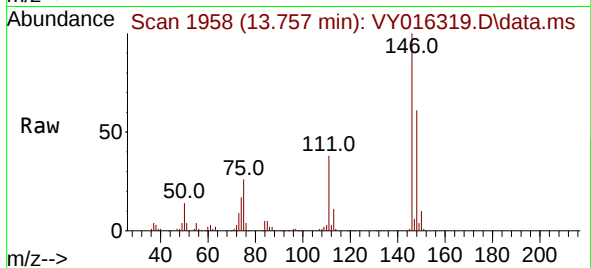
VY1113SBS01

Tgt Ion:	146	Resp:	6331
Ion Ratio	Lower	Upper	
146	100		
111	40.8	19.7	59.0
148	64.3	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.249 ug/l

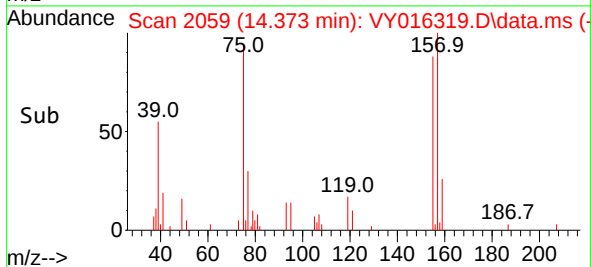
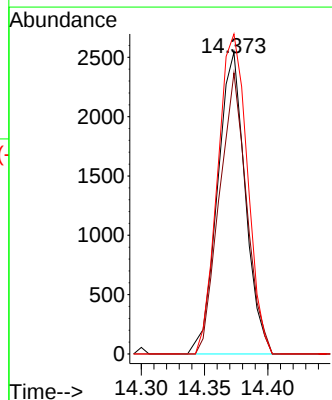
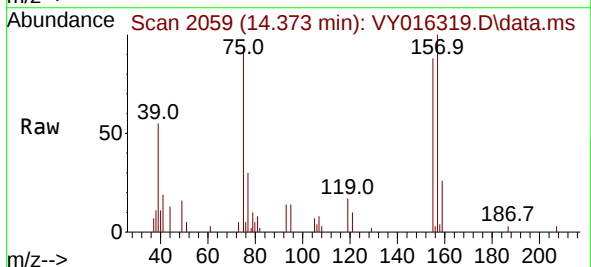
RT: 14.373 min Scan# 2059

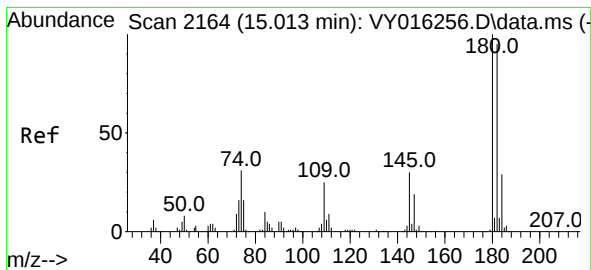
Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Tgt Ion:	75	Resp:	3872
Ion Ratio	Lower	Upper	
75	100		
155	91.2	41.5	124.6
157	113.6	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.156 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VY1113SBS01

Tgt Ion:180 Resp: 3643

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.2

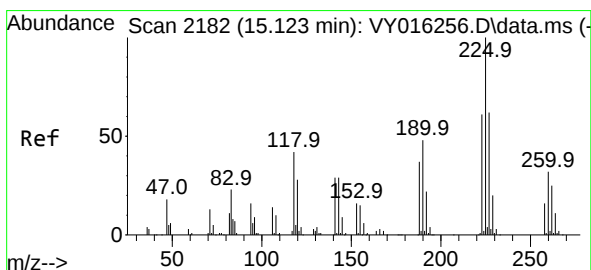
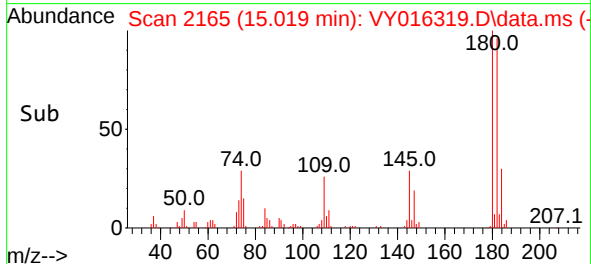
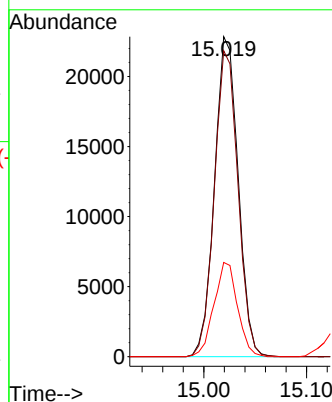
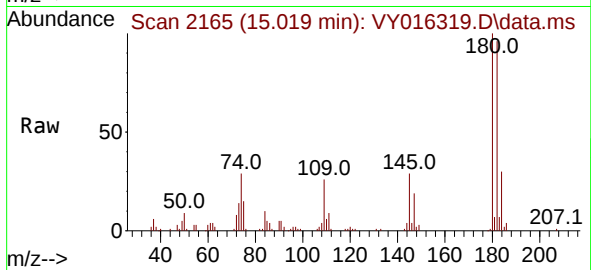
145 29.4 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023

Supervised By :Semsettin Yesilyurt 11/15/2023



#94

Hexachlorobutadiene

Concen: 21.358 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

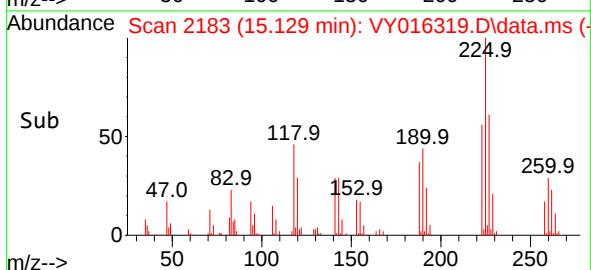
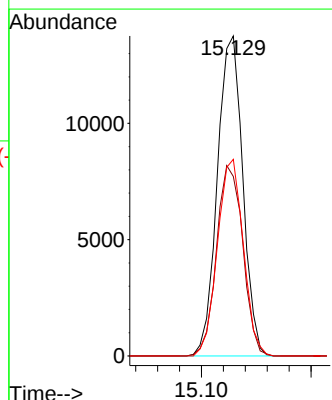
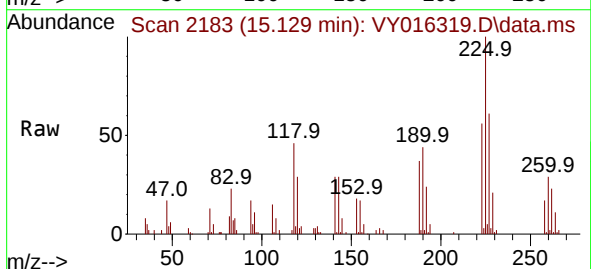
Tgt Ion:225 Resp: 22117

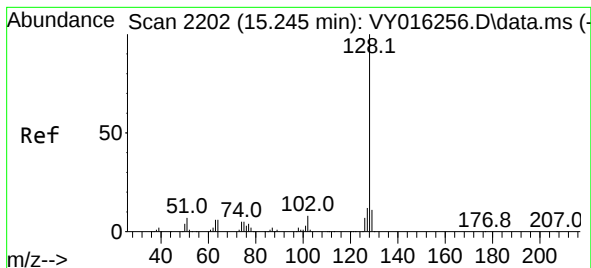
Ion Ratio Lower Upper

225 100

223 61.7 31.9 95.9

227 62.7 33.0 98.9





#95

Naphthalene

Concen: 19.201 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

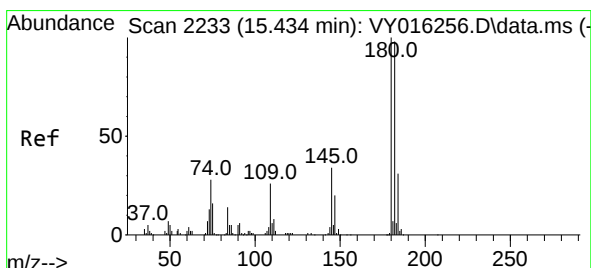
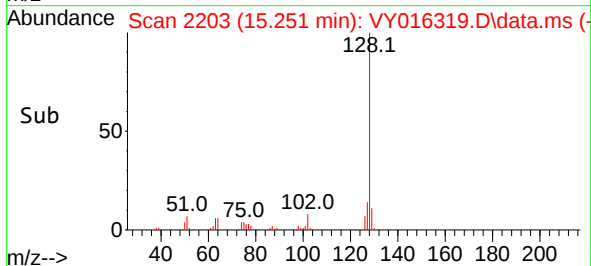
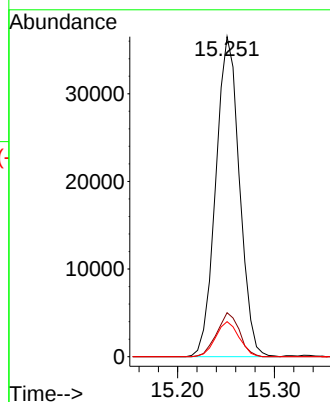
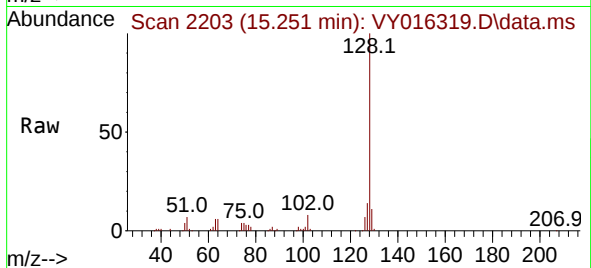
VY1113SBS01

Tgt Ion:	128	Resp:	6207
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.8	16.2
129	10.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
Supervised By :Semsettin Yesilyurt 11/15/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.942 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016319.D

Acq: 13 Nov 2023 11:15

Tgt Ion:	180	Resp:	29814
Ion Ratio	Lower	Upper	
180	100		
182	92.6	47.3	141.8
145	31.0	15.4	46.2

