

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016405.D
 Acq On : 17 Nov 2023 09:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

Quant Time: Nov 18 06:15:46 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	7.801	168	162017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	257272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	218035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	100557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71201	48.084	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.160%		
35) Dibromofluoromethane	7.728	113	79682	54.522	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	109.040%		
50) Toluene-d8	10.191	98	319900	53.977	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	107.960%		
62) 4-Bromofluorobenzene	12.489	95	100754	52.344	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	76799	48.410	ug/l	100
3) Chloromethane	2.119	50	84524	45.493	ug/l	97
4) Vinyl Chloride	2.259	62	94127	47.114	ug/l	93
5) Bromomethane	2.662	94	60634	46.181	ug/l	100
6) Chloroethane	2.802	64	61529	48.265	ug/l	95
7) Trichlorofluoromethane	3.137	101	151884	52.254	ug/l	99
8) Diethyl Ether	3.534	74	40041	46.092	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.912	101	89945	51.378	ug/l	95
10) Methyl Iodide	4.100	142	100818	53.322	ug/l	98
11) Tert butyl alcohol	4.960	59	19983	172.333	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	82750	50.542	ug/l	90
13) Acrolein	3.741	56	31984	228.680	ug/l	100
14) Allyl chloride	4.485	41	113566	48.880	ug/l #	92
15) Acrylonitrile	5.173	53	74205	215.243	ug/l	98
16) Acetone	3.954	43	54000	220.464	ug/l #	87
17) Carbon Disulfide	4.204	76	239748	48.533	ug/l	99
18) Methyl Acetate	4.485	43	58694	45.096	ug/l #	88
19) Methyl tert-butyl Ether	5.228	73	180509	45.553	ug/l	99
20) Methylene Chloride	4.728	84	92983	54.017	ug/l	86
21) trans-1,2-Dichloroethene	5.228	96	95202	50.503	ug/l	92
22) Diisopropyl ether	6.131	45	241165	48.165	ug/l #	85
23) Vinyl Acetate	6.070	43	526947	217.193	ug/l #	92
24) 1,1-Dichloroethane	6.027	63	158291	51.244	ug/l	96
25) 2-Butanone	6.996	43	85895	200.212	ug/l	90
26) 2,2-Dichloropropane	6.990	77	149219	53.077	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	105637	51.999	ug/l	90
28) Bromochloromethane	7.344	49	54943	48.059	ug/l	83
29) Tetrahydrofuran	7.356	42	56364	198.766	ug/l	88
30) Chloroform	7.515	83	168383	52.370	ug/l	95
31) Cyclohexane	7.795	56	135032	46.317	ug/l	89
32) 1,1,1-Trichloroethane	7.710	97	157236	53.349	ug/l	97
36) 1,1-Dichloropropene	7.923	75	130387	51.380	ug/l	98
37) Ethyl Acetate	7.082	43	40782	39.774	ug/l #	97
38) Carbon Tetrachloride	7.911	117	146176	55.501	ug/l	99
39) Methylcyclohexane	9.191	83	162092	51.260	ug/l	92
40) Benzene	8.167	78	373278	52.355	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	23673	45.789	ug/l	96
42) 1,2-Dichloroethane	8.246	62	90647	49.069	ug/l	93
43) Isopropyl Acetate	8.277	43	80855	40.795	ug/l #	87
44) Trichloroethene	8.947	130	108008	52.710	ug/l	98
45) 1,2-Dichloropropane	9.222	63	86703	50.636	ug/l	95
46) Dibromomethane	9.313	93	44893	48.382	ug/l	97
47) Bromodichloromethane	9.502	83	121468	50.919	ug/l	98
48) Methyl methacrylate	9.301	41	45783	41.796	ug/l #	84
49) 1,4-Dioxane	9.307	88	8377	850.380	ug/l #	61
51) 4-Methyl-2-Pentanone	10.075	43	200951	200.500	ug/l	89
52) Toluene	10.252	92	238157	52.843	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	113318	49.001	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	140713	50.944	ug/l #	88
55) 1,1,2-Trichloroethane	10.654	97	61255	47.896	ug/l	97
56) Ethyl methacrylate	10.520	69	54339	45.010	ug/l #	82
57) 1,3-Dichloropropane	10.801	76	104727	48.040	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	186916	228.336	ug/l	92
59) 2-Hexanone	10.837	43	140830	188.907	ug/l	87
60) Dibromochloromethane	10.996	129	81184	50.757	ug/l	100
61) 1,2-Dibromoethane	11.099	107	57766	47.410	ug/l	99
64) Tetrachloroethene	10.727	164	106349	54.322	ug/l	97
65) Chlorobenzene	11.526	112	250049	53.677	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	93560	54.454	ug/l	99
67) Ethyl Benzene	11.599	91	459946	54.940	ug/l	100
68) m/p-Xylenes	11.709	106	347564	109.456	ug/l	94
69) o-Xylene	12.038	106	160916	54.581	ug/l	97
70) Styrene	12.050	104	229700	54.412	ug/l	98
71) Bromoform	12.215	173	43815	49.146	ug/l #	99
73) Isopropylbenzene	12.337	105	446034	54.776	ug/l	100
74) N-amyl acetate	12.154	43	65878	40.277	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.593	83	57788	44.226	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	39897m	41.360	ug/l	
77) Bromobenzene	12.617	156	96781	52.587	ug/l	91
78) n-propylbenzene	12.678	91	523807	54.432	ug/l	99
79) 2-Chlorotoluene	12.764	91	286837	54.086	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	360112	54.852	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	20442	45.998	ug/l	92
82) 4-Chlorotoluene	12.861	91	288518	52.649	ug/l	98
83) tert-Butylbenzene	13.081	119	324495	56.115	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	352778	54.572	ug/l	99
85) sec-Butylbenzene	13.263	105	457677	55.399	ug/l	100
86) p-Isopropyltoluene	13.379	119	398701	56.047	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	190377	53.768	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	183532	53.039	ug/l	99
89) n-Butylbenzene	13.702	91	361223	54.985	ug/l	96
90) Hexachloroethane	13.971	117	74088	53.990	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	157511	51.915	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8416	40.483	ug/l	90
93) 1,2,4-Trichlorobenzene	15.019	180	92532	52.249	ug/l	99
94) Hexachlorobutadiene	15.123	225	58657	57.813	ug/l	98
95) Naphthalene	15.245	128	146451	46.237	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	73713	50.323	ug/l	99

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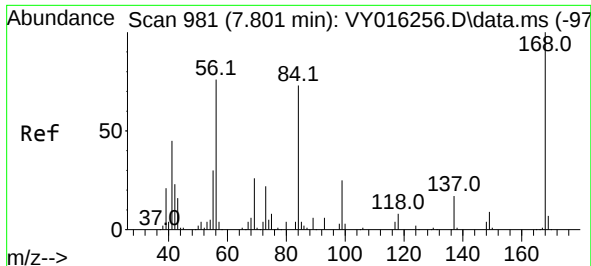
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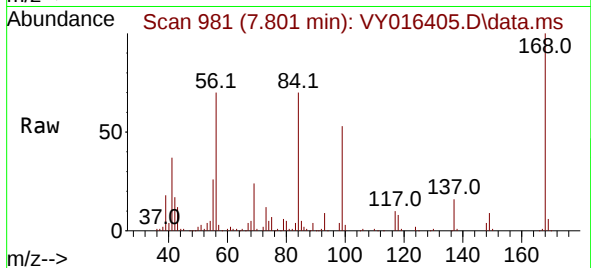
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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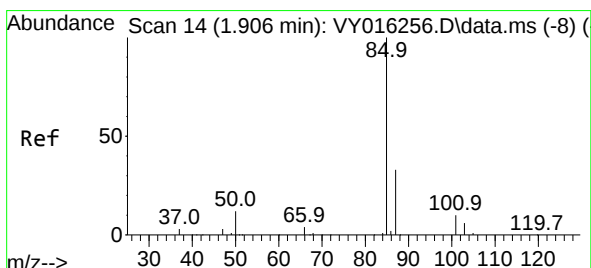
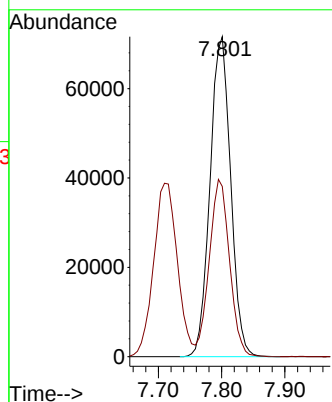
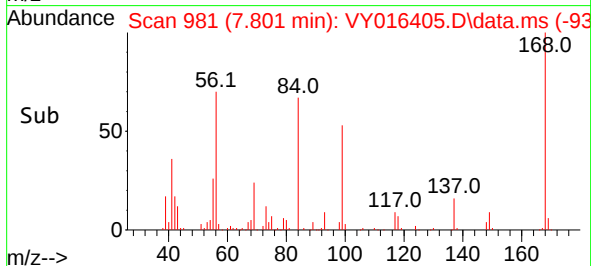
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 16201
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0

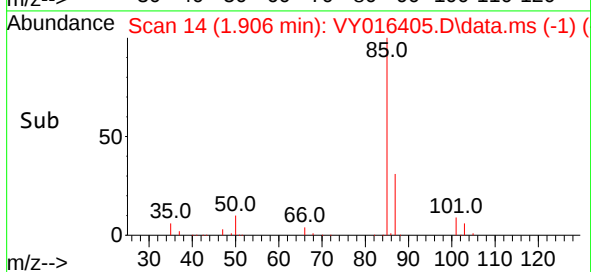
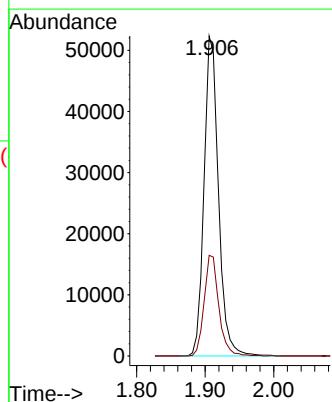
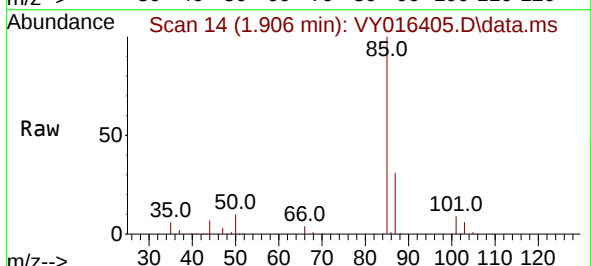
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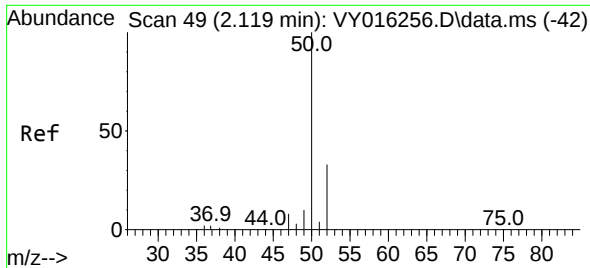
Reviewed By :John Carlone 11/20/2023
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#2
Dichlorodifluoromethane
Concen: 48.410 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Tgt Ion: 85 Resp: 76799
Ion Ratio Lower Upper
85 100
87 31.4 15.6 46.8





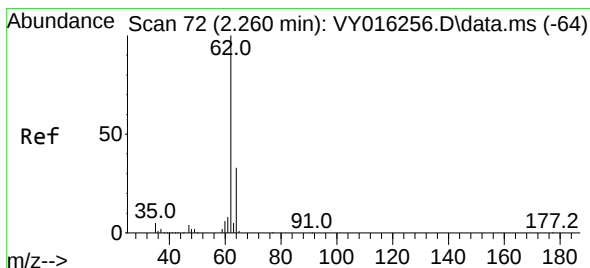
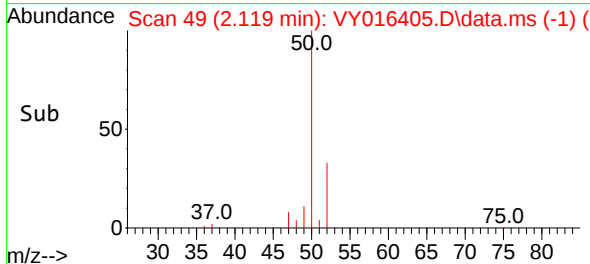
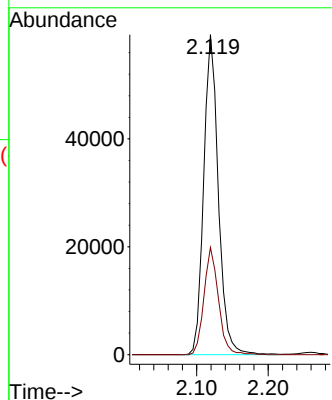
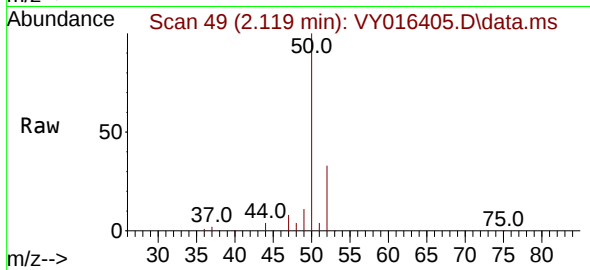
#3
Chloromethane
Concen: 45.493 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016405.D
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Tgt Ion: 50 Resp: 84524
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.2

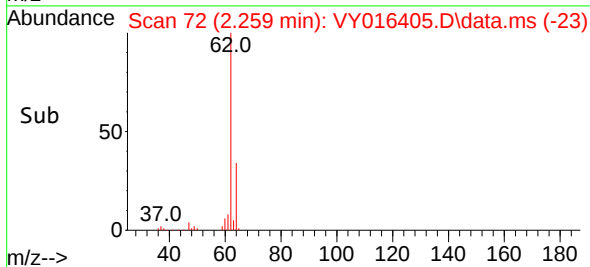
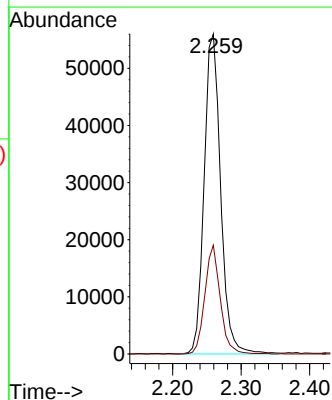
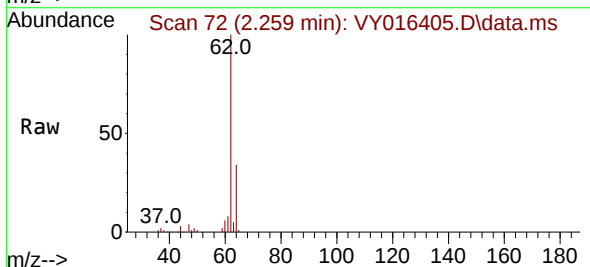
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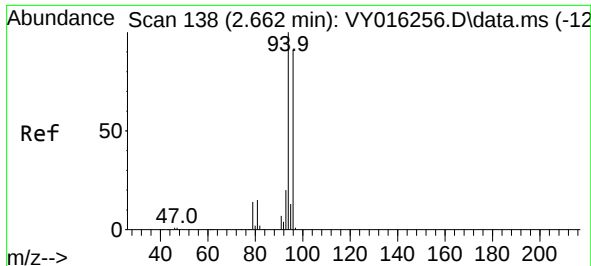
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#4
Vinyl Chloride
Concen: 47.114 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

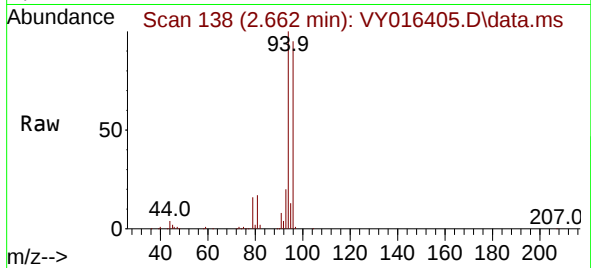
Tgt Ion: 62 Resp: 94127
Ion Ratio Lower Upper
62 100
64 34.0 24.3 36.5





#5
Bromomethane
Concen: 46.181 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016405.D
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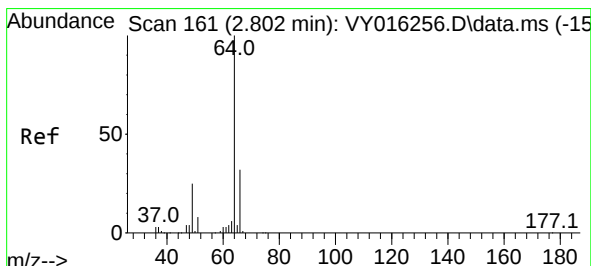
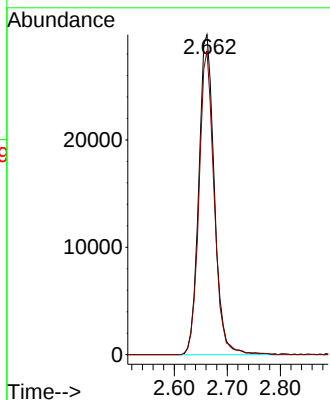
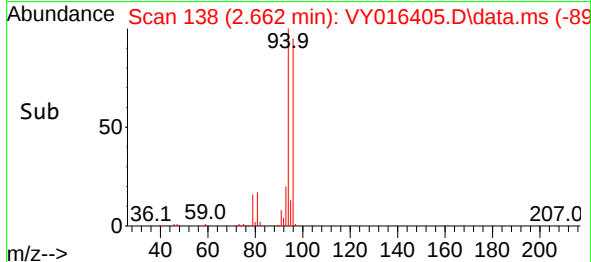
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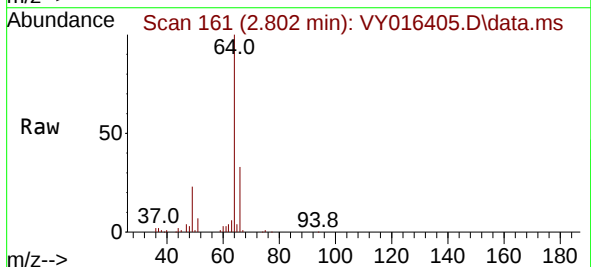
Tgt Ion: 94 Resp: 60634
Ion Ratio Lower Upper
94 100
96 94.9 75.8 113.6

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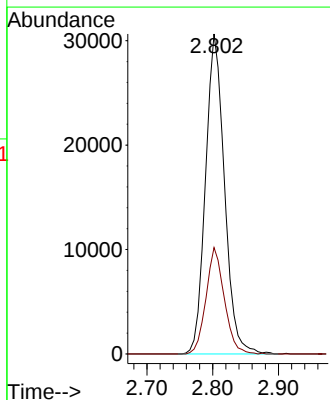
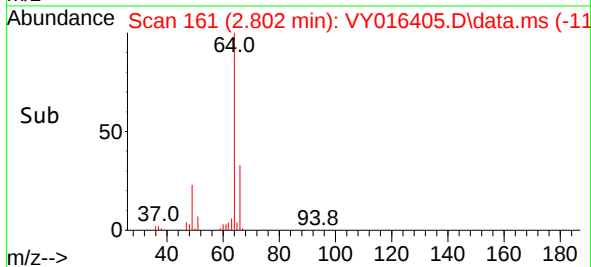
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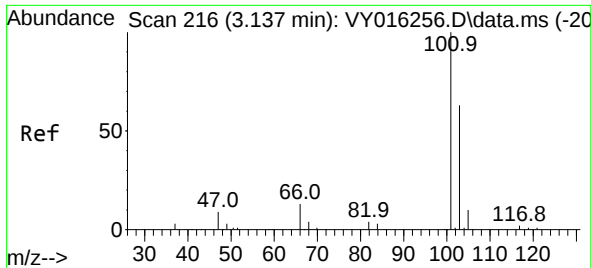


#6
Chloroethane
Concen: 48.265 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY016405.D
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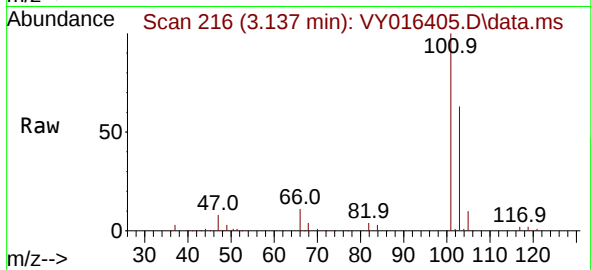
Tgt Ion: 64 Resp: 61529
Ion Ratio Lower Upper
64 100
66 33.2 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 52.254 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY016405.D
 Acq: 17 Nov 2023 09:15

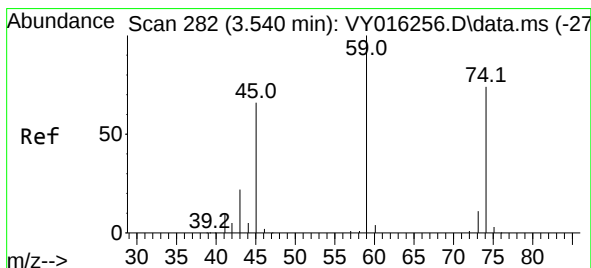
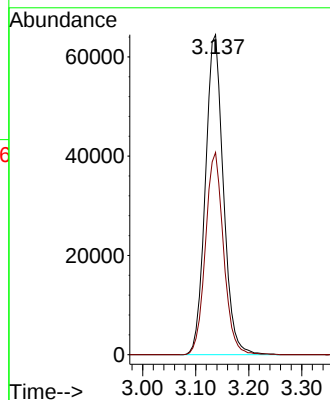
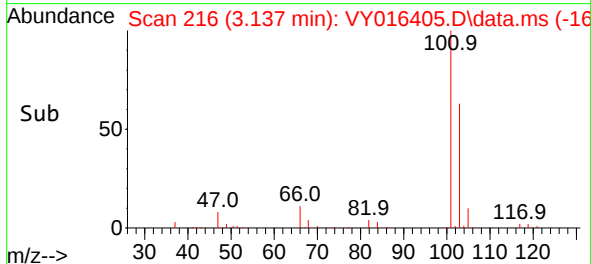
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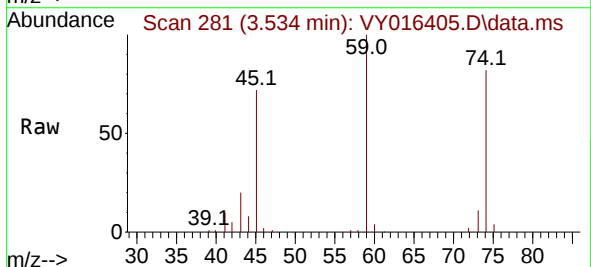
Tgt Ion:101 Resp: 151884
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.0

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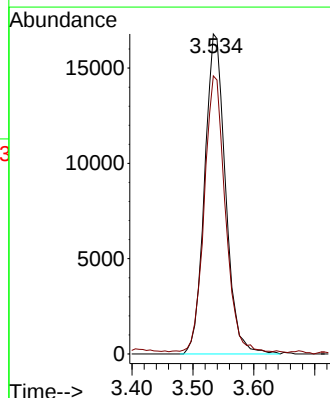
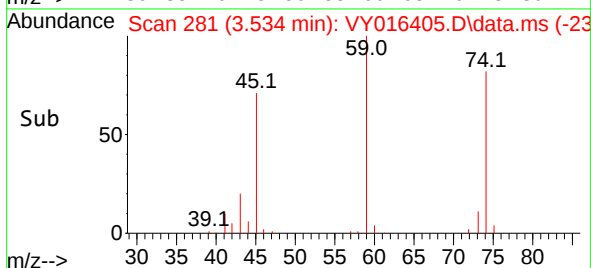
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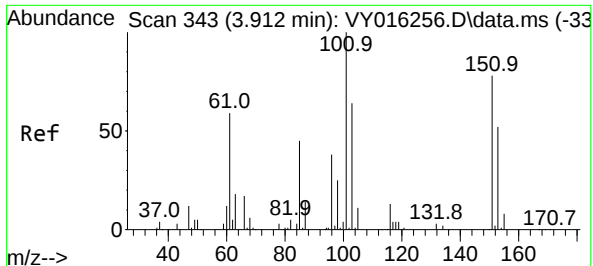


#8
 Diethyl Ether
 Concen: 46.092 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.006 min
 Lab File: VY016405.D
 Acq: 17 Nov 2023 09:15



Tgt Ion: 74 Resp: 40041
 Ion Ratio Lower Upper
 74 100
 45 86.2 51.5 154.5





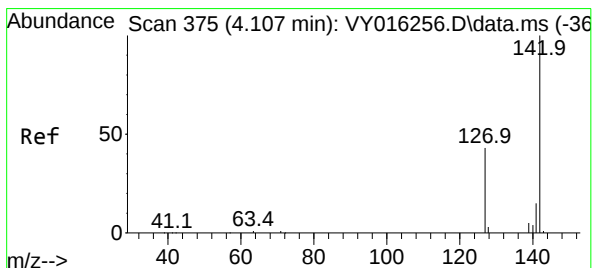
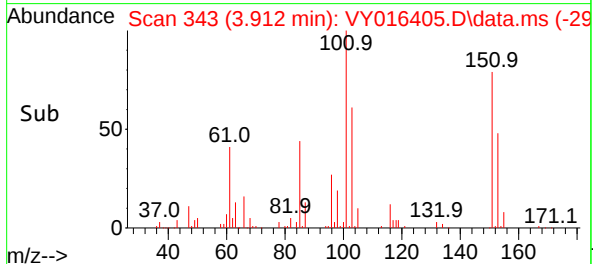
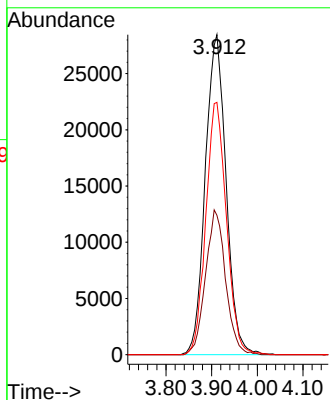
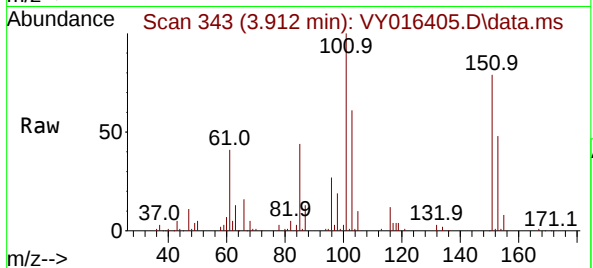
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.378 ug/l
RT: 3.912 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8994
Ion Ratio Lower Upper
101 100
85 43.7 36.6 55.0
151 78.3 67.0 100.6

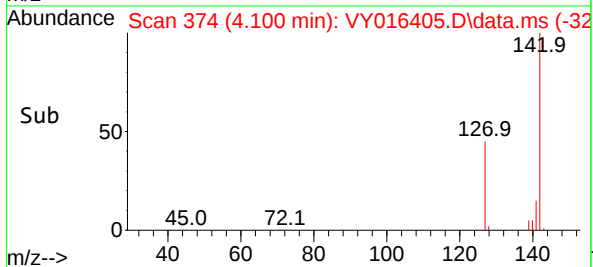
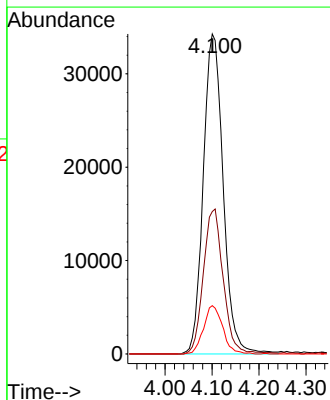
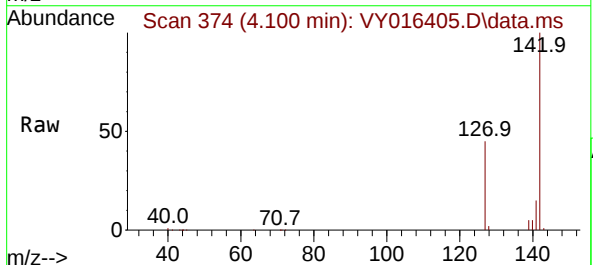
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#10
Methyl Iodide
Concen: 53.322 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Tgt Ion:142 Resp: 100818
Ion Ratio Lower Upper
142 100
127 45.3 37.6 56.4
141 14.5 11.8 17.8





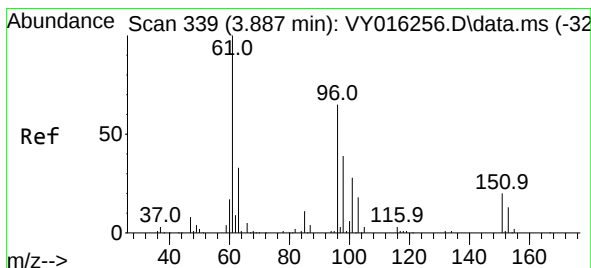
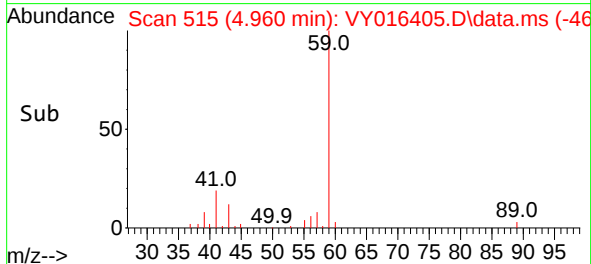
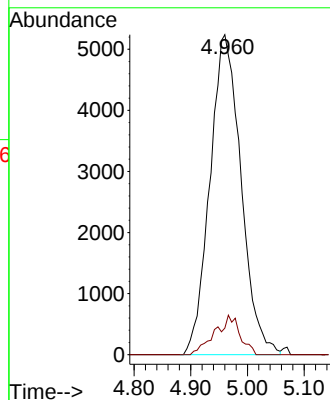
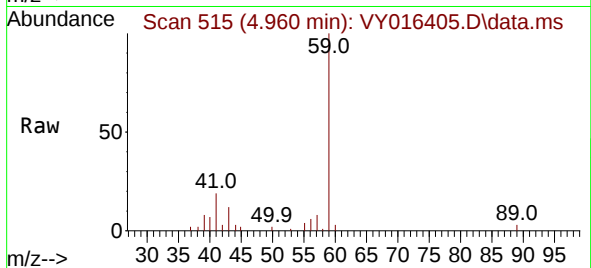
#11
Tert butyl alcohol
Concen: 172.333 ug/l
RT: 4.960 min Scan# 517
Delta R.T. -0.012 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 1998
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.4

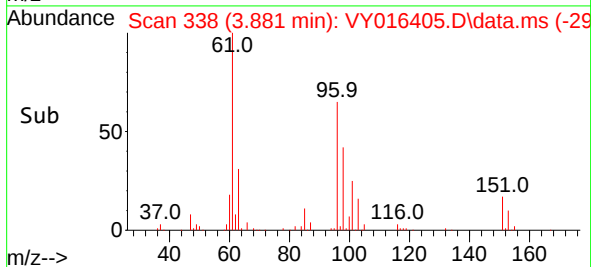
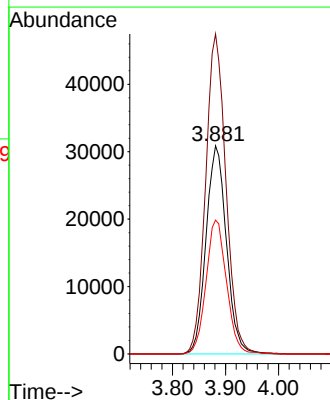
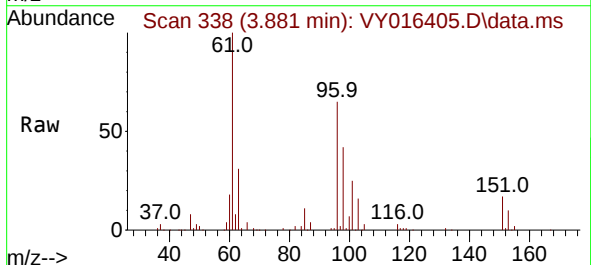
Manual Integrations
APPROVED

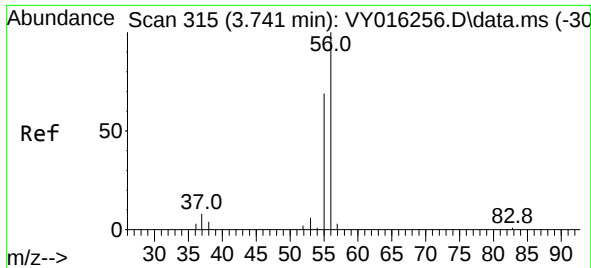
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#12
1,1-Dichloroethene
Concen: 50.542 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

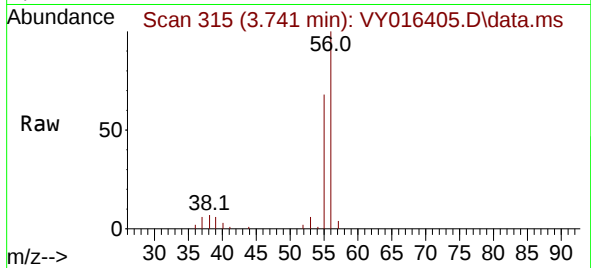
Tgt Ion: 96 Resp: 82750
Ion Ratio Lower Upper
96 100
61 153.7 136.4 204.6
98 64.3 49.4 74.2





#13
Acrolein
Concen: 228.680 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

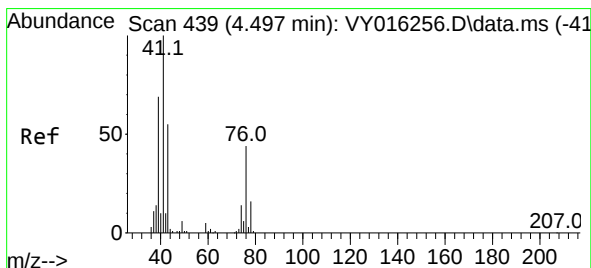
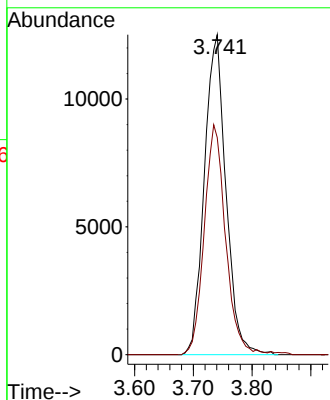
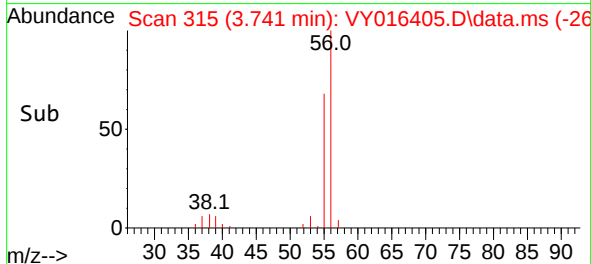
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



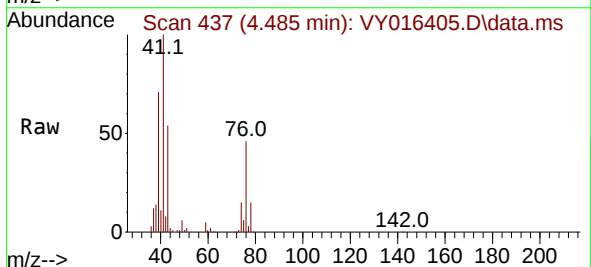
Tgt Ion: 56 Resp: 31984
Ion Ratio Lower Upper
56 100
55 70.9 57.0 85.4

Manual Integrations
APPROVED

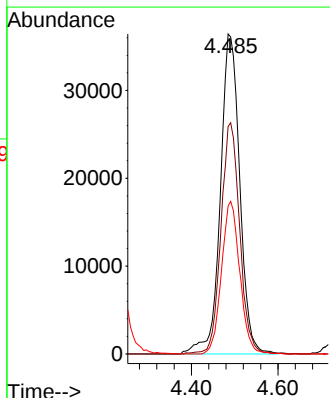
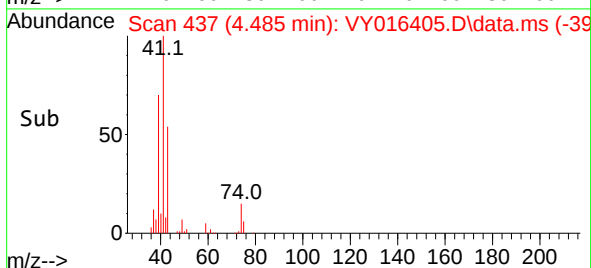
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#14
Allyl chloride
Concen: 48.880 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15



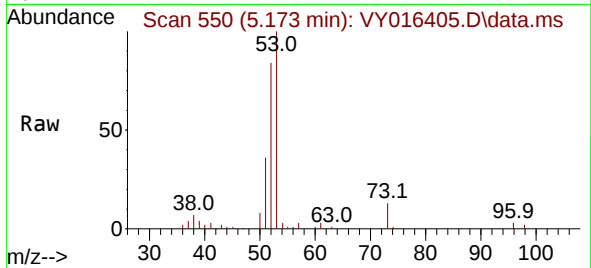
Tgt Ion: 41 Resp: 113566
Ion Ratio Lower Upper
41 100
39 69.8 58.0 87.0
76 45.0 27.4 41.2#





#15
Acrylonitrile
Concen: 215.243 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

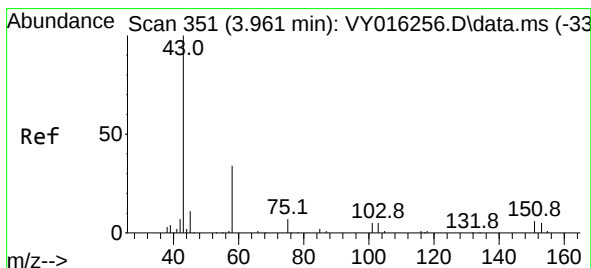
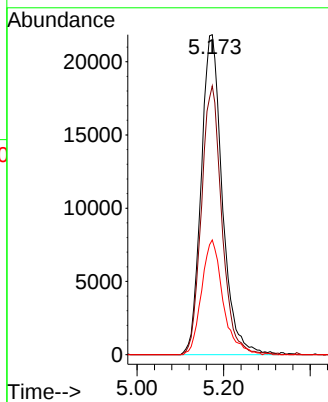
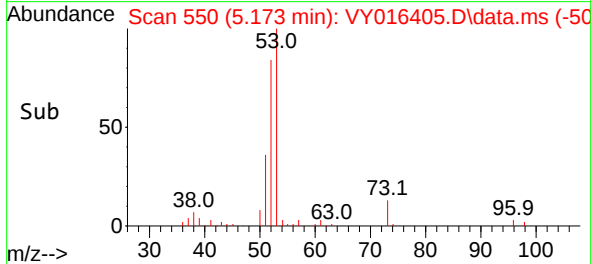
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



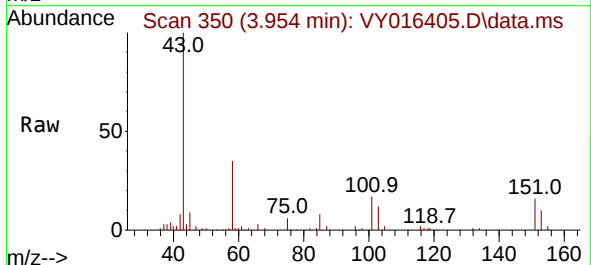
Tgt Ion: 53 Resp: 7420
Ion Ratio Lower Upper
53 100
52 81.0 66.9 100.3
51 36.4 29.8 44.6

Manual Integrations
APPROVED

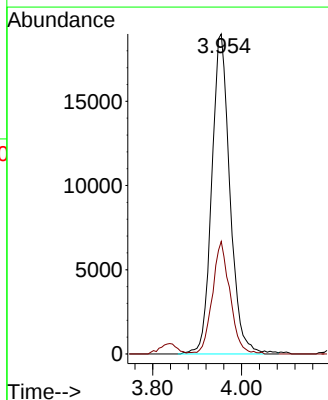
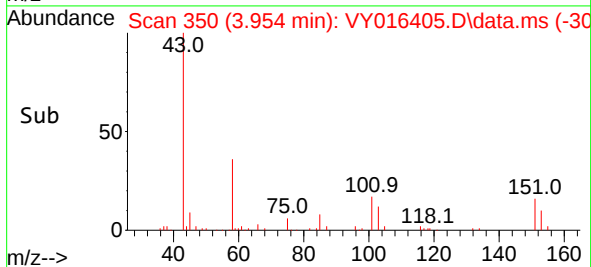
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

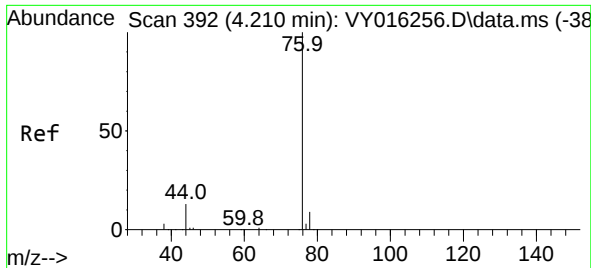


#16
Acetone
Concen: 220.464 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15



Tgt Ion: 43 Resp: 54000
Ion Ratio Lower Upper
43 100
58 35.1 22.7 34.1#





#17

Carbon Disulfide

Concen: 48.533 ug/l

RT: 4.204 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 23974

Ion Ratio Lower Upper

76 100

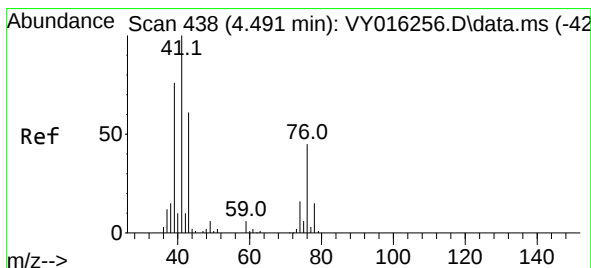
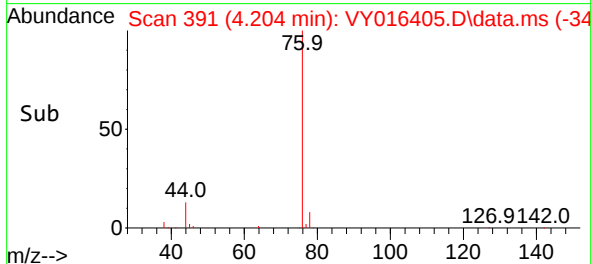
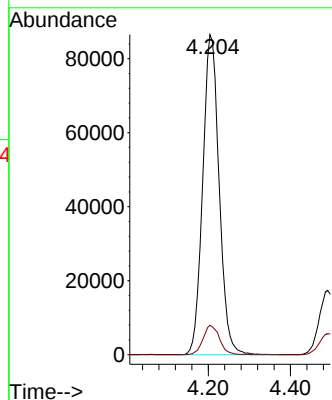
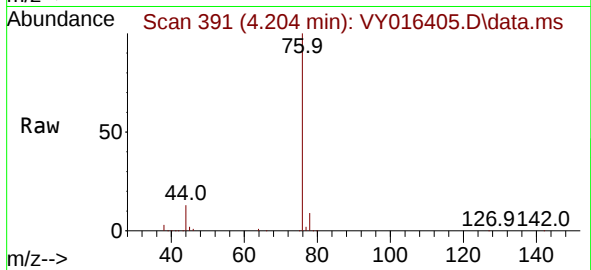
78 9.2 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#18

Methyl Acetate

Concen: 45.096 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY016405.D

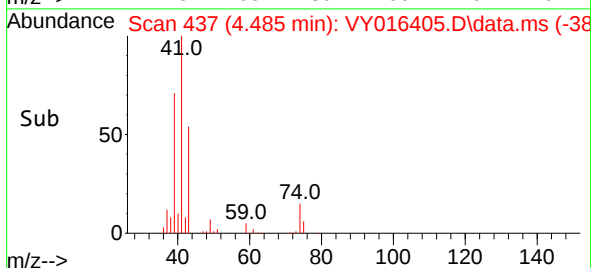
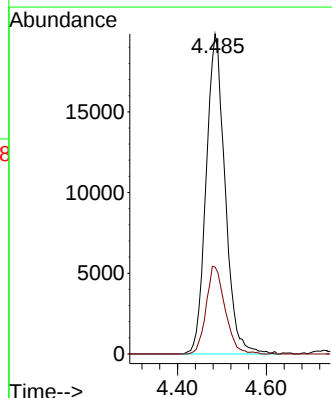
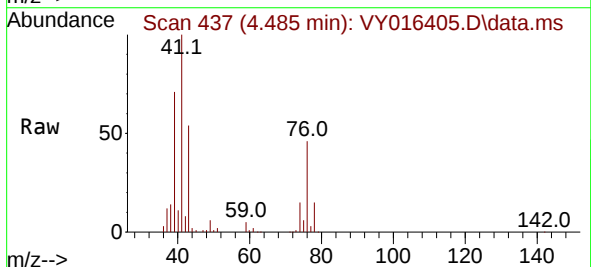
Acq: 17 Nov 2023 09:15

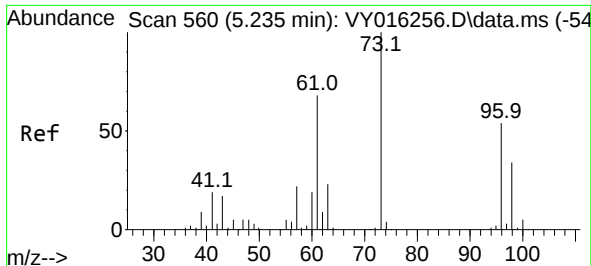
Tgt Ion: 43 Resp: 58694

Ion Ratio Lower Upper

43 100

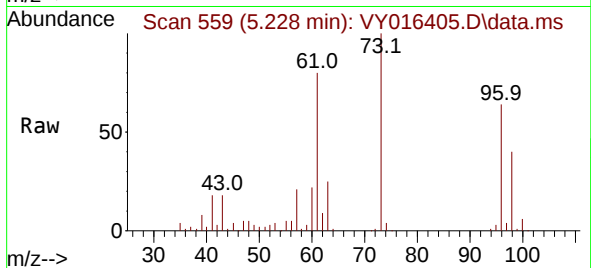
74 27.5 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 45.553 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

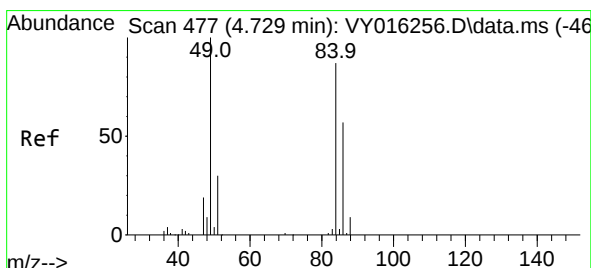
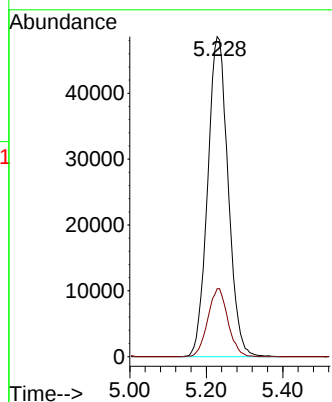
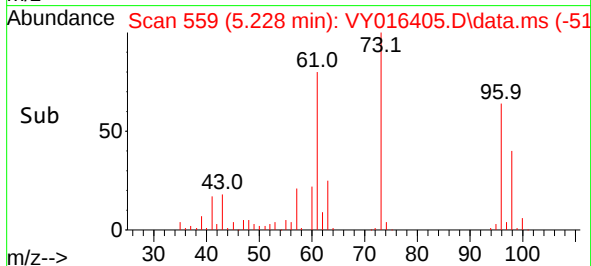
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 180509
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

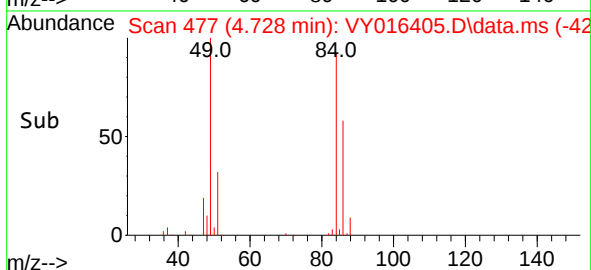
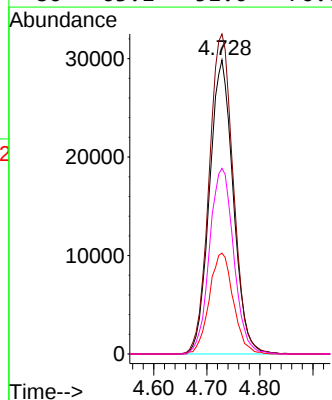
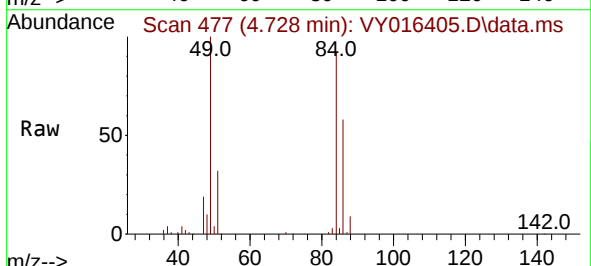
Manual Integrations
APPROVED

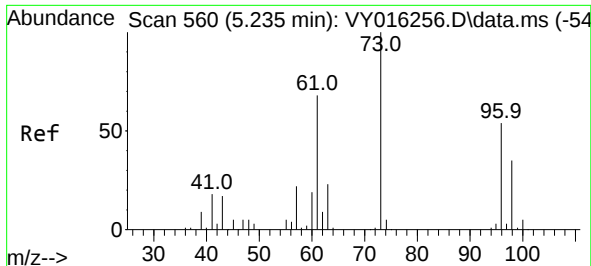
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#20
Methylene Chloride
Concen: 54.017 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Tgt Ion: 84 Resp: 92983
Ion Ratio Lower Upper
84 100
49 108.8 106.9 160.3
51 34.3 33.2 49.8
86 63.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 50.503 ug/l

RT: 5.228 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 9520

Ion Ratio Lower Upper

96 100

61 124.7 110.2 165.4

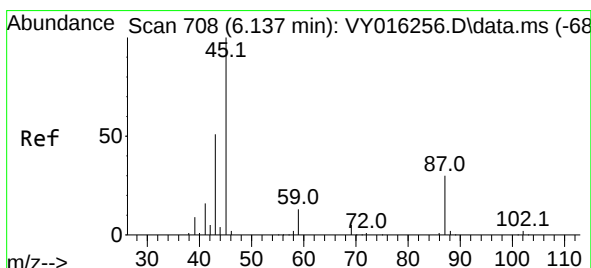
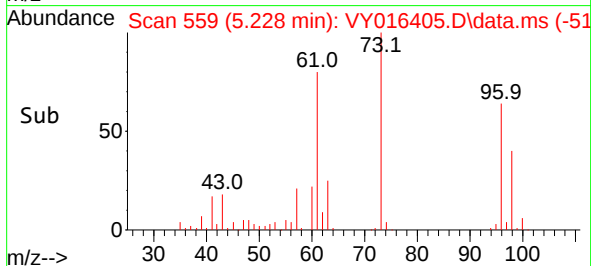
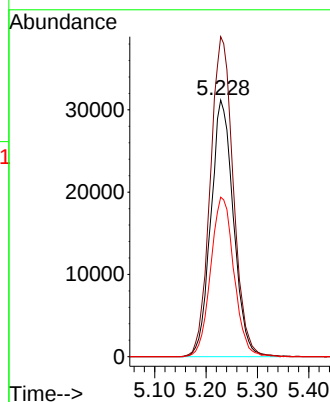
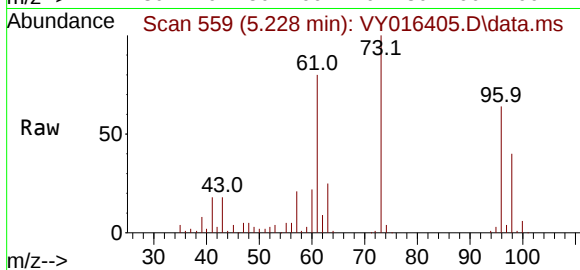
98 62.1 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#22

Diisopropyl ether

Concen: 48.165 ug/l

RT: 6.131 min Scan# 707

Delta R.T. -0.006 min

Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

Tgt Ion: 45 Resp: 241165

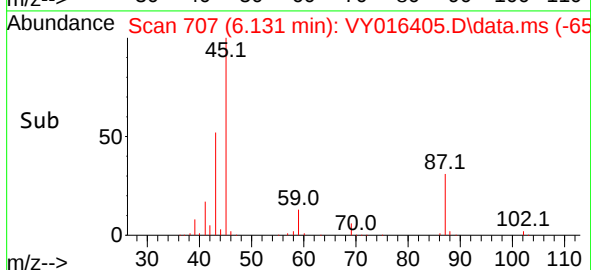
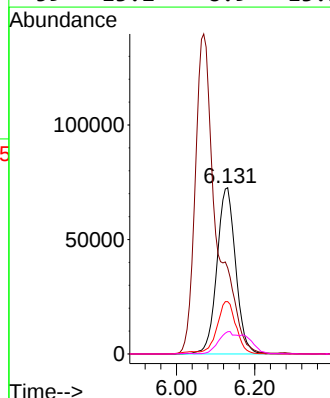
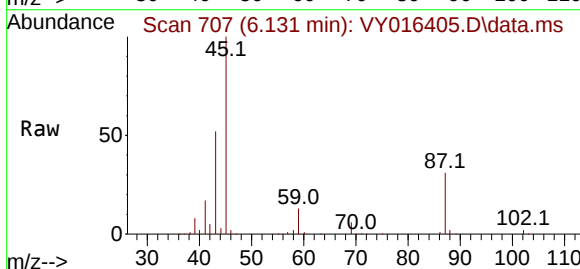
Ion Ratio Lower Upper

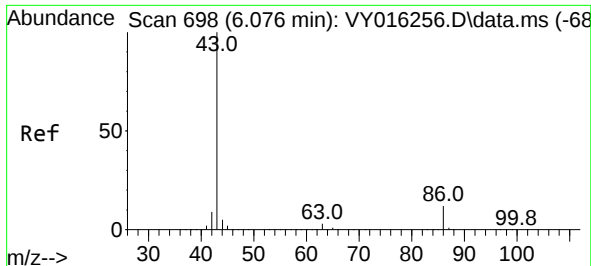
45 100

43 51.1 52.2 78.4#

87 31.5 21.0 31.6

59 13.2 8.9 13.3





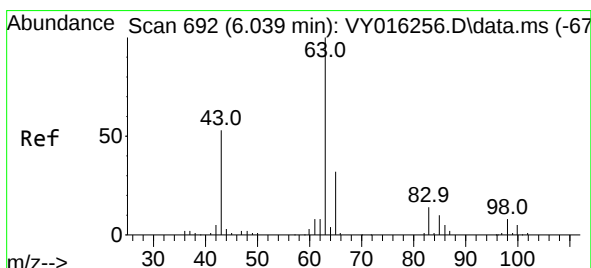
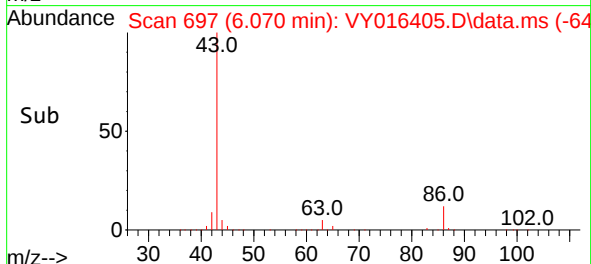
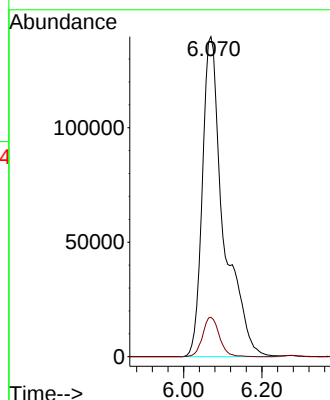
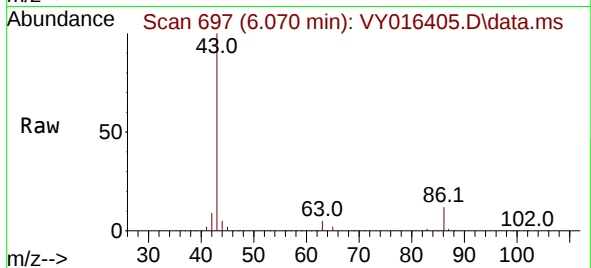
#23
 Vinyl Acetate
 Concen: 217.193 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY016405.D
 Acq: 17 Nov 2023 09:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 52694
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.5 11.3

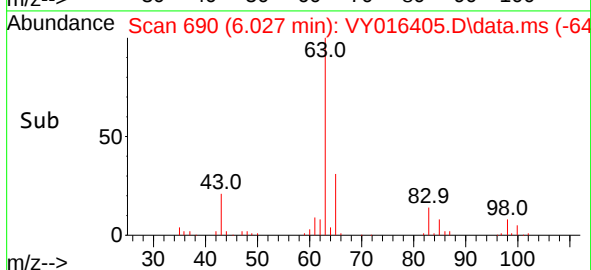
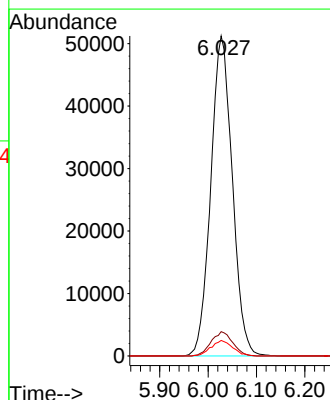
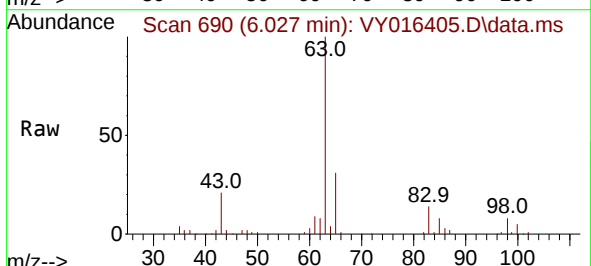
Manual Integrations
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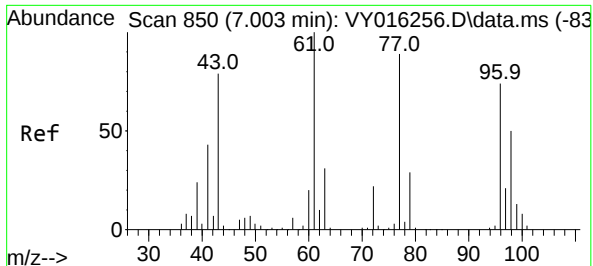
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#24
 1,1-Dichloroethane
 Concen: 51.244 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.012 min
 Lab File: VY016405.D
 Acq: 17 Nov 2023 09:15

Tgt Ion: 63 Resp: 158291
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.9 1.8 5.5





#25

2-Butanone

Concen: 200.212 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 8589

Ion Ratio Lower Upper

43 100

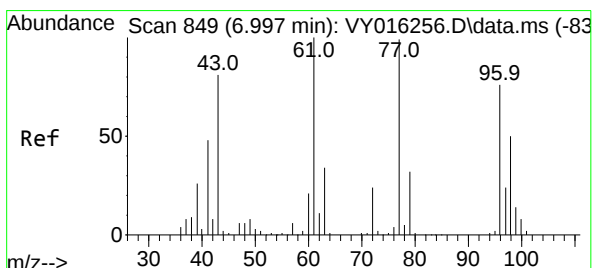
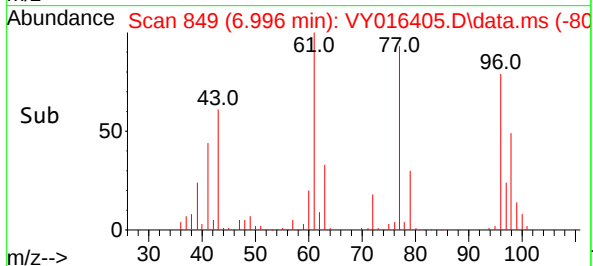
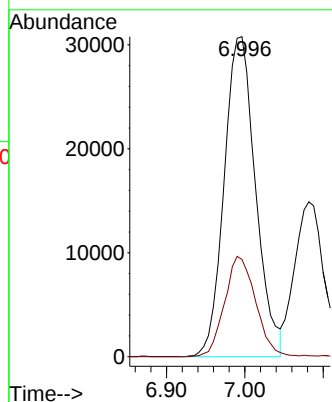
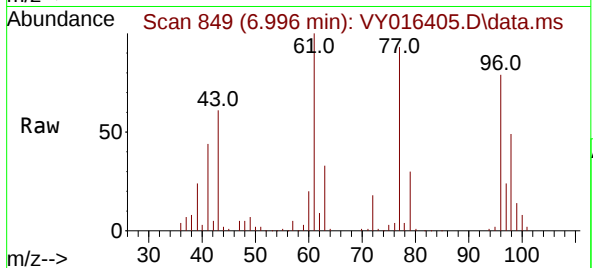
72 30.4 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#26

2,2-Dichloropropane

Concen: 53.077 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY016405.D

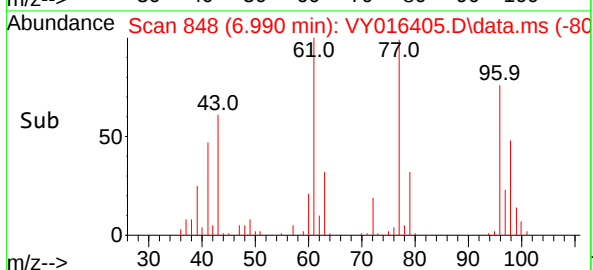
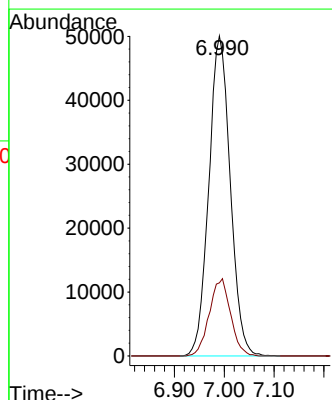
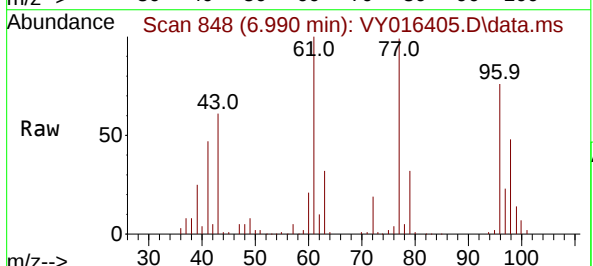
Acq: 17 Nov 2023 09:15

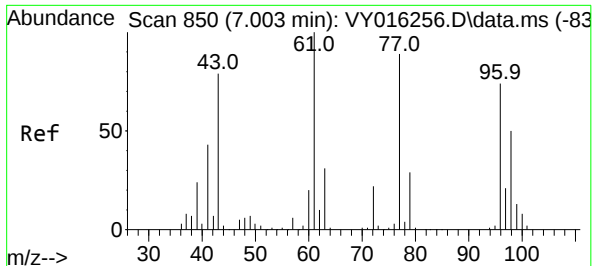
Tgt Ion: 77 Resp: 149219

Ion Ratio Lower Upper

77 100

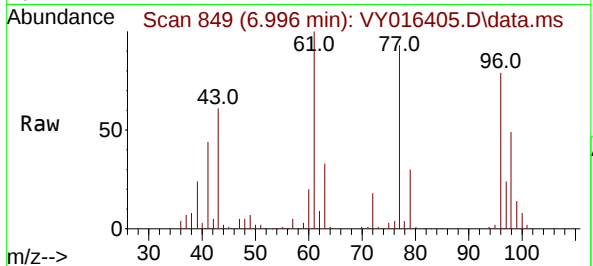
97 24.0 10.9 32.9





#27
cis-1,2-Dichloroethene
Concen: 51.999 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

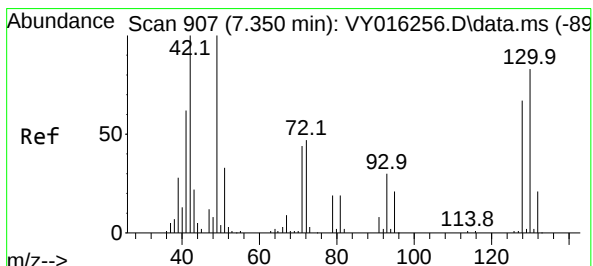
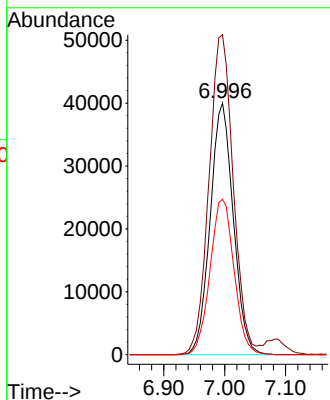
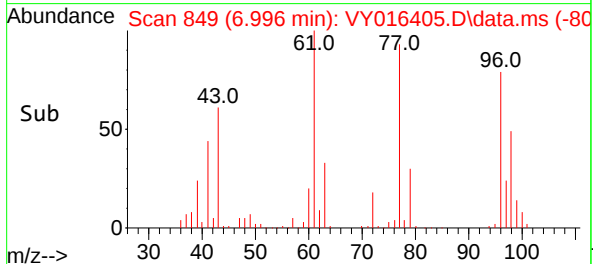
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 10563
Ion Ratio Lower Upper
96 100
61 133.0 0.0 301.4
98 64.1 0.0 130.4

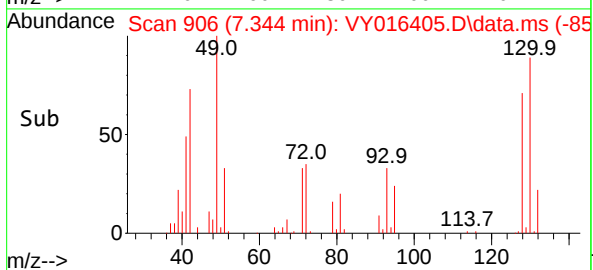
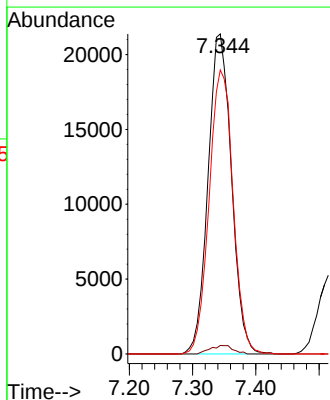
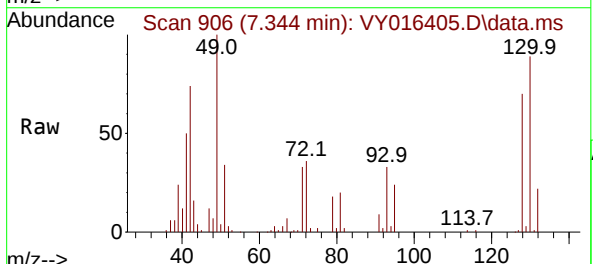
Manual Integrations
APPROVED

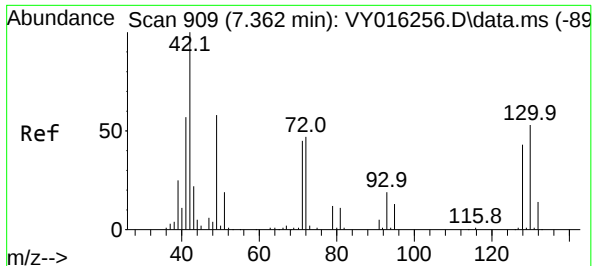
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#28
Bromochloromethane
Concen: 48.059 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Tgt Ion: 49 Resp: 54943
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.6
130 90.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 198.766 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

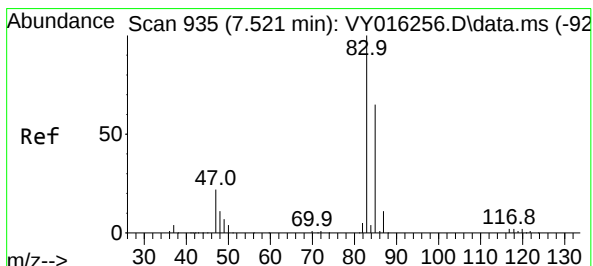
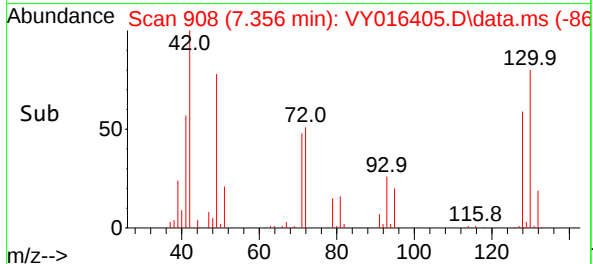
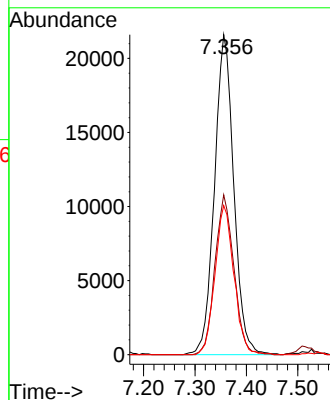
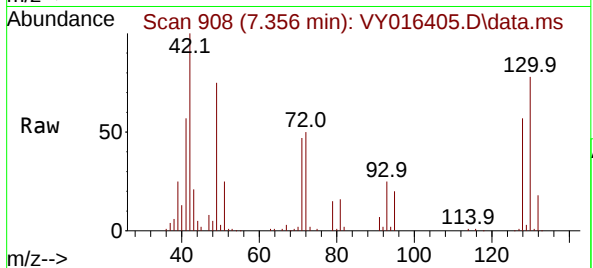
Tgt Ion:	42	Resp:	56364
Ion	Ratio	Lower	Upper
42	100		
72	49.0	32.8	49.2
71	45.8	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#30

Chloroform

Concen: 52.370 ug/l

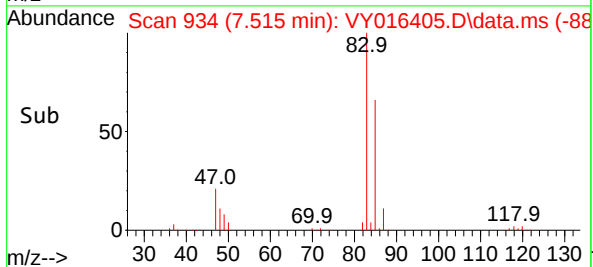
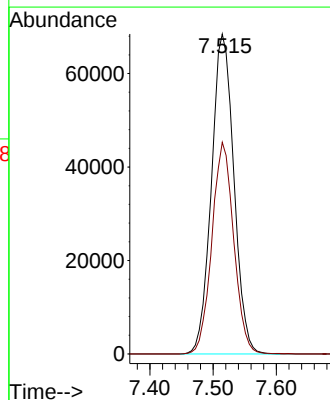
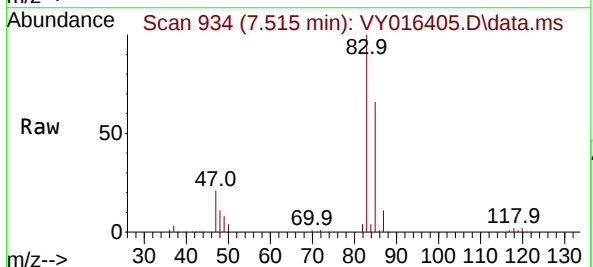
RT: 7.515 min Scan# 934

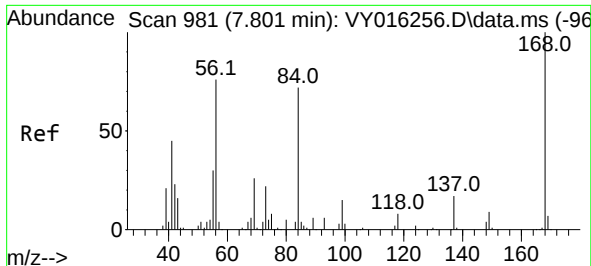
Delta R.T. -0.006 min

Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

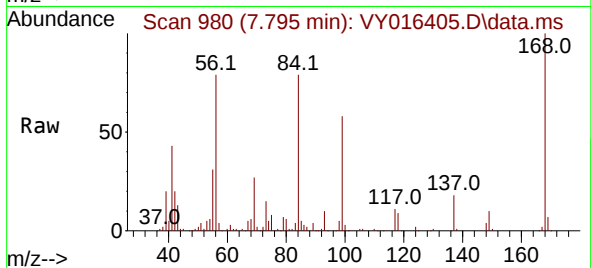
Tgt Ion:	83	Resp:	168383
Ion	Ratio	Lower	Upper
83	100		
85	66.1	49.7	74.5





#31
Cyclohexane
Concen: 46.317 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

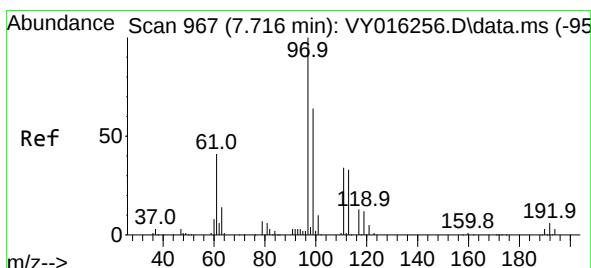
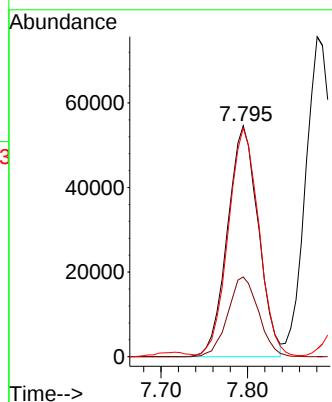
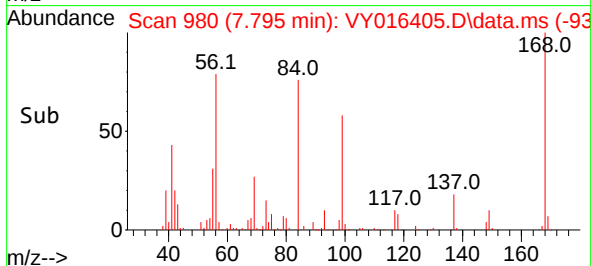
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 135032
Ion Ratio Lower Upper
56 100
69 34.5 27.8 41.6
84 97.1 66.4 99.6

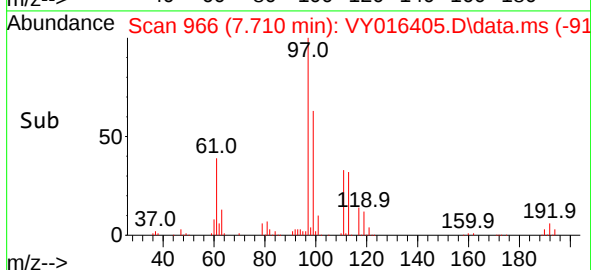
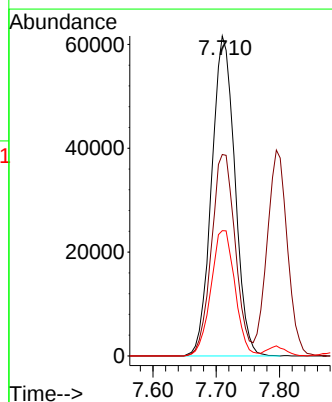
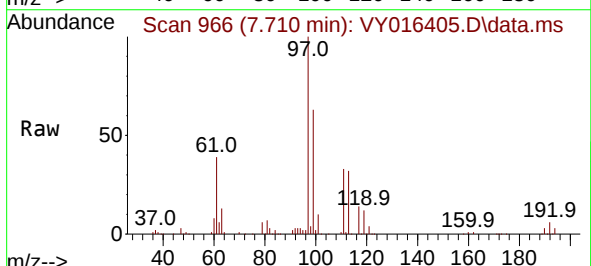
Manual Integrations
APPROVED

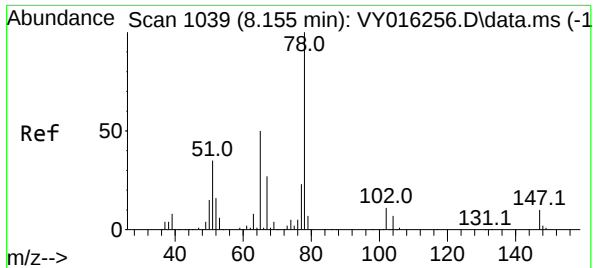
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#32
1,1,1-Trichloroethane
Concen: 53.349 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Tgt Ion: 97 Resp: 157236
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 40.5 35.1 52.7





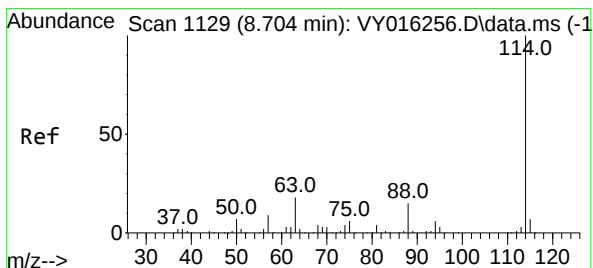
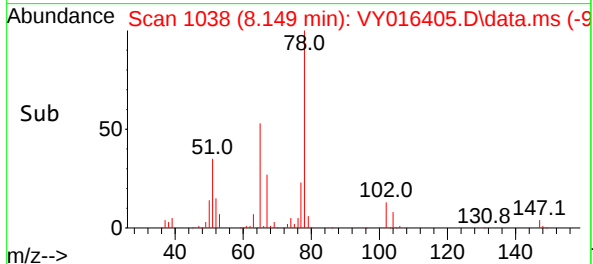
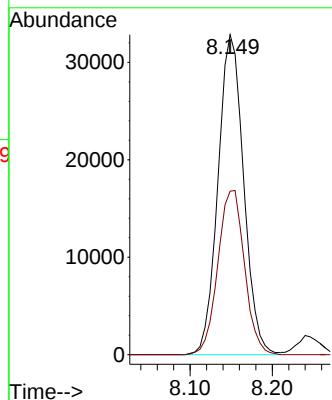
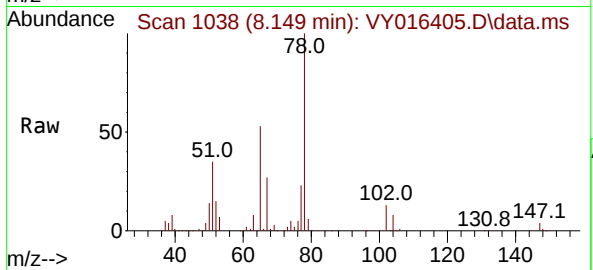
#33
1,2-Dichloroethane-d4
Concen: 48.084 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 7120
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8

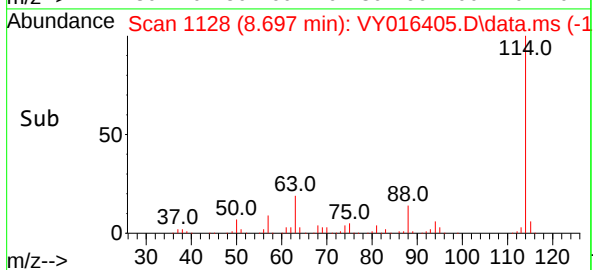
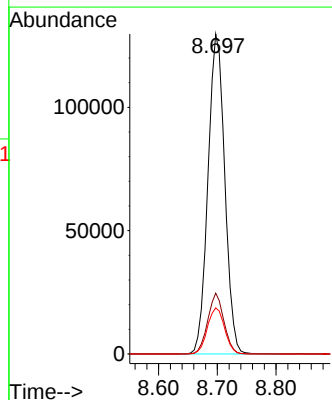
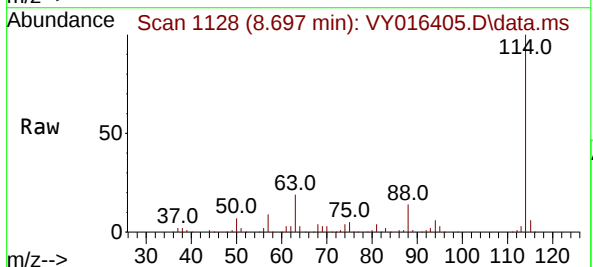
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Tgt Ion:114 Resp: 257272
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 14.4 0.0 30.6





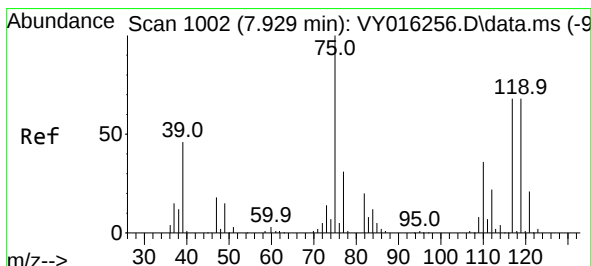
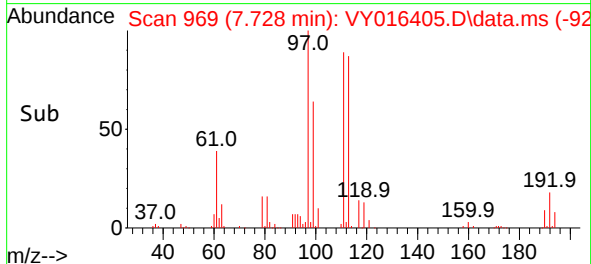
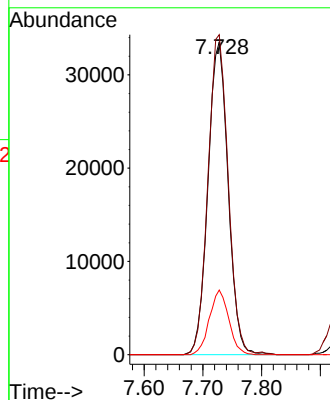
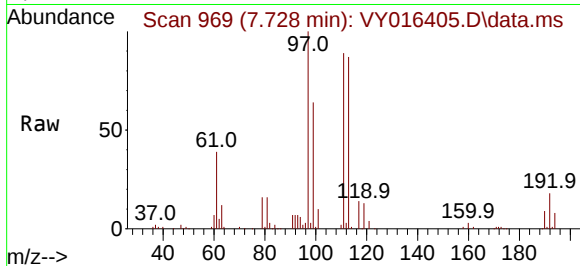
#35
Dibromofluoromethane
Concen: 54.522 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 7968
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.9 16.9 25.3

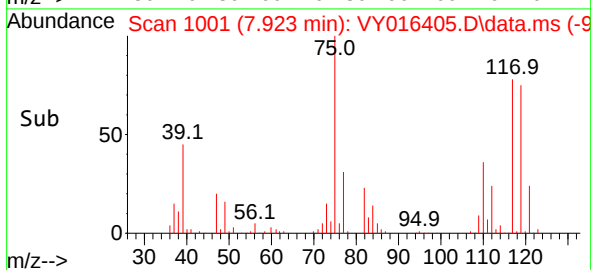
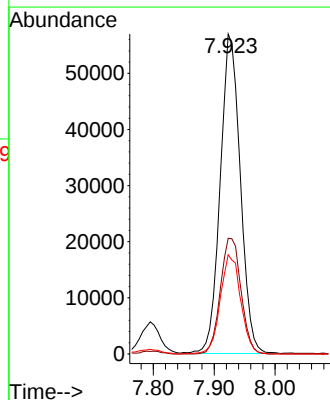
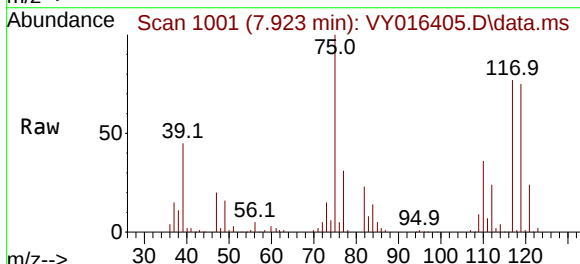
Manual Integrations
APPROVED

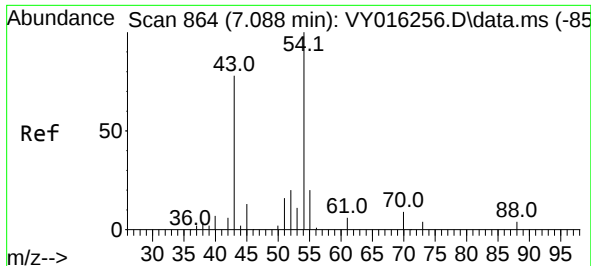
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#36
1,1-Dichloropropene
Concen: 51.380 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Tgt Ion: 75 Resp: 130387
Ion Ratio Lower Upper
75 100
110 37.2 17.8 53.5
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 39.774 ug/l

RT: 7.082 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 4078

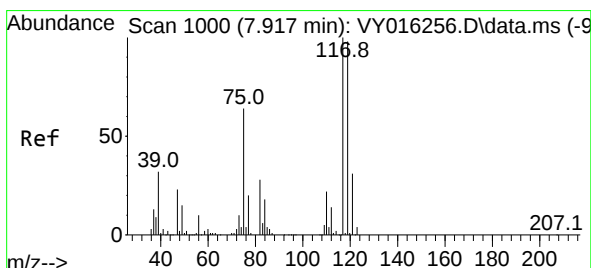
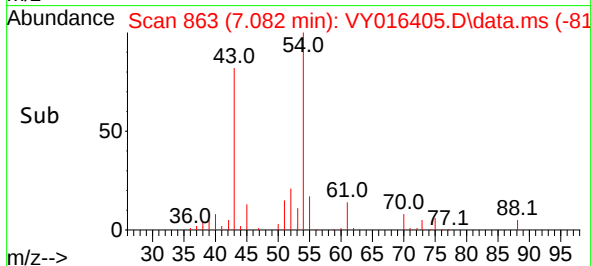
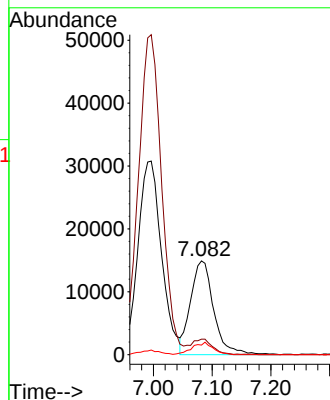
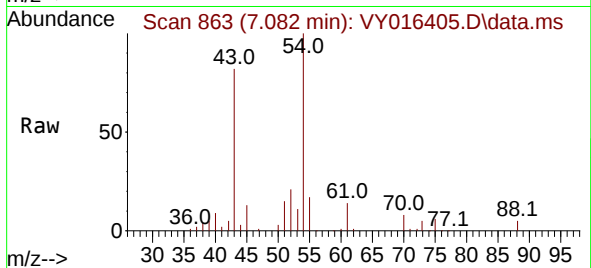
Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.1	15.1
70	11.8	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#38

Carbon Tetrachloride

Concen: 55.501 ug/l

RT: 7.911 min Scan# 999

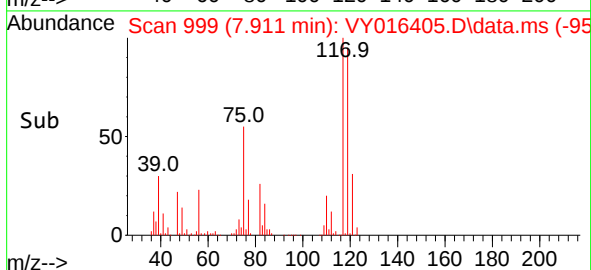
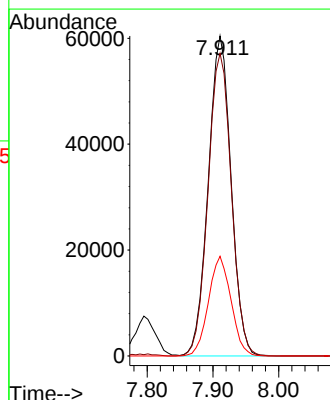
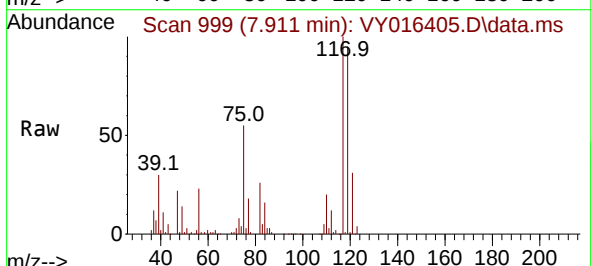
Delta R.T. -0.006 min

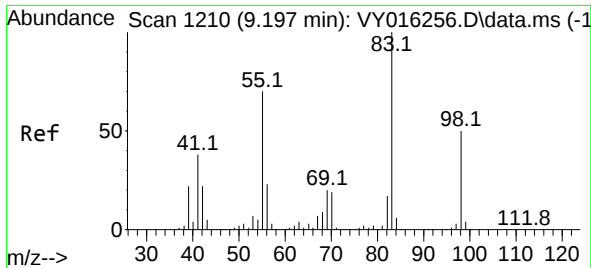
Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

Tgt Ion:117 Resp: 146176

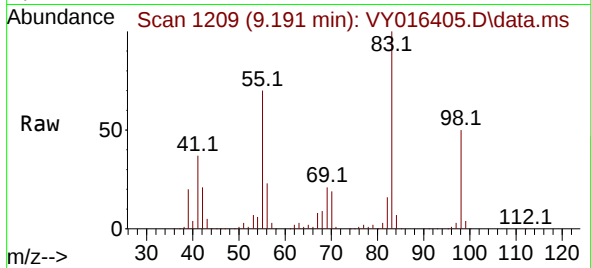
Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.4	114.6
121	31.1	25.8	38.6





#39
Methylcyclohexane
Concen: 51.260 ug/l
RT: 9.191 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

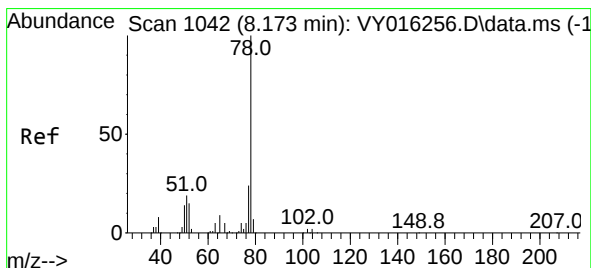
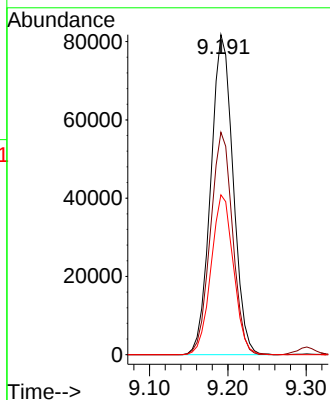
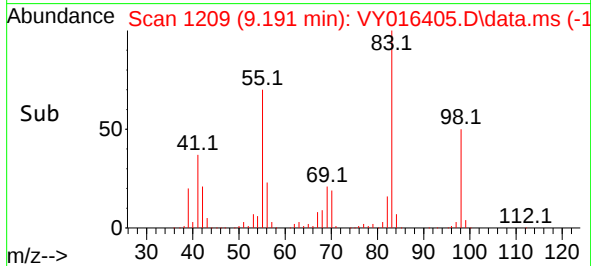
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



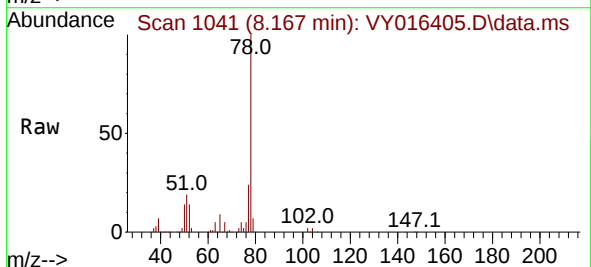
Tgt Ion: 83 Resp: 162092
Ion Ratio Lower Upper
83 100
55 69.5 63.0 94.4
98 50.0 37.4 56.2

Manual Integrations
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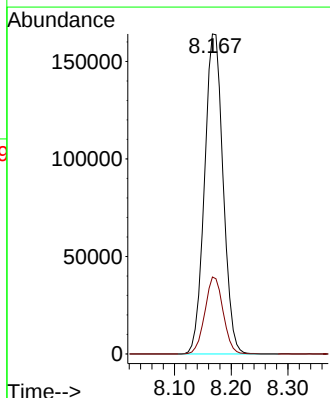
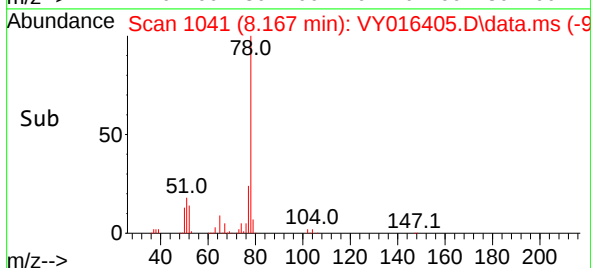
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#40
Benzene
Concen: 52.355 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15



Tgt Ion: 78 Resp: 373278
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6





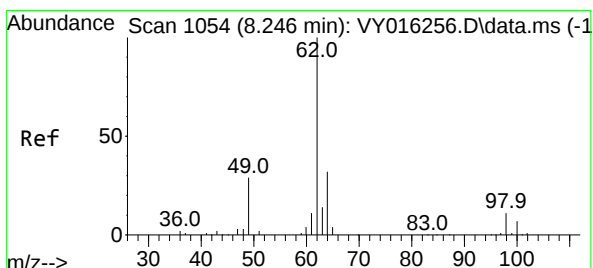
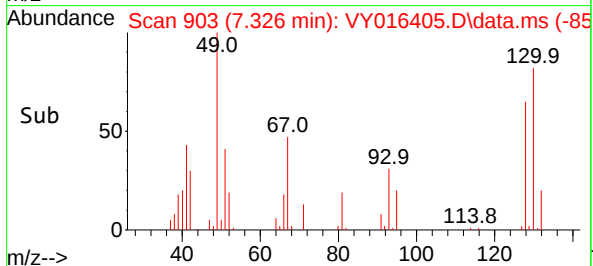
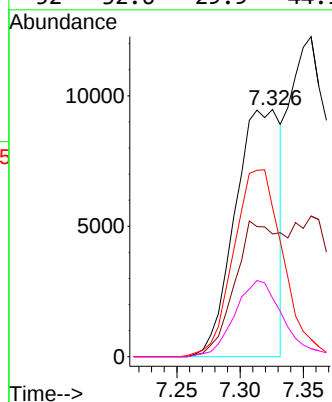
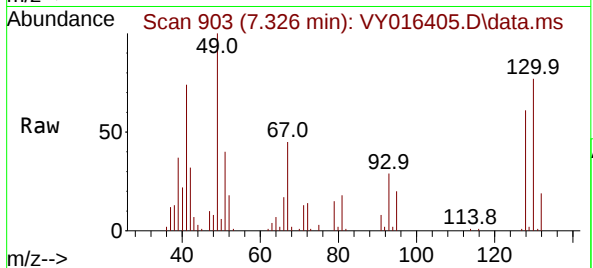
#41
Methacrylonitrile
Concen: 45.789 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 2367
Ion Ratio Lower Upper
41 100
39 59.9 52.1 78.1
67 82.0 66.2 99.2
52 32.6 29.9 44.9

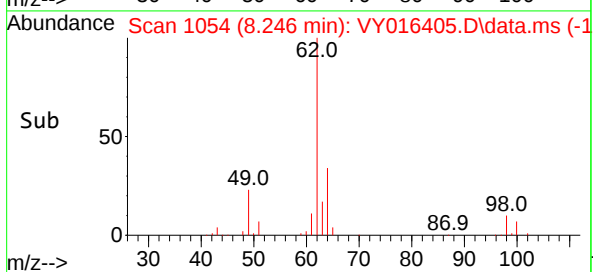
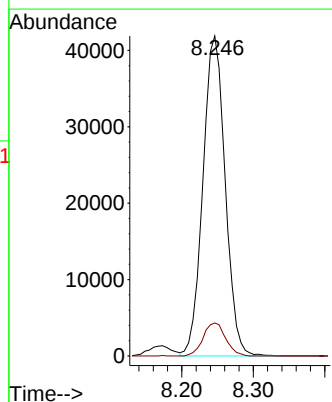
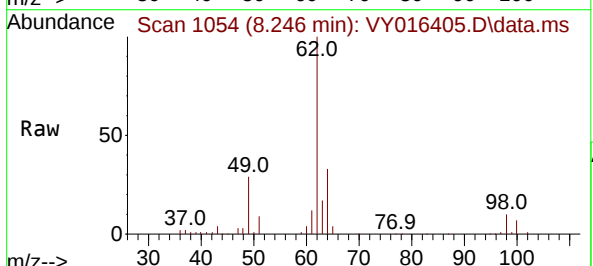
Manual Integrations
APPROVED

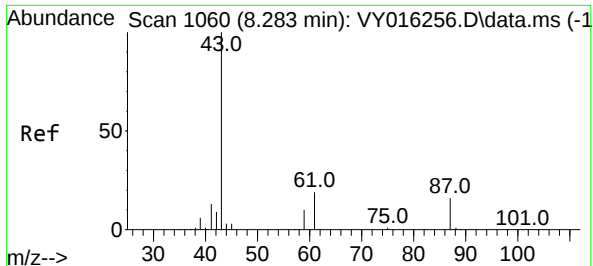
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#42
1,2-Dichloroethane
Concen: 49.069 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Tgt Ion: 62 Resp: 90647
Ion Ratio Lower Upper
62 100
98 10.4 0.0 15.8





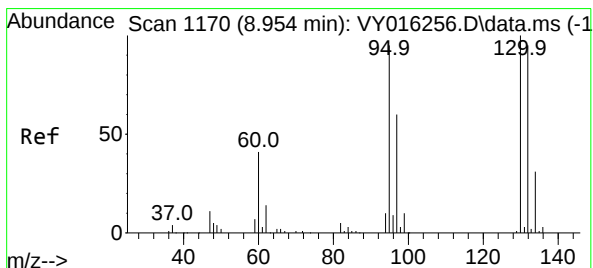
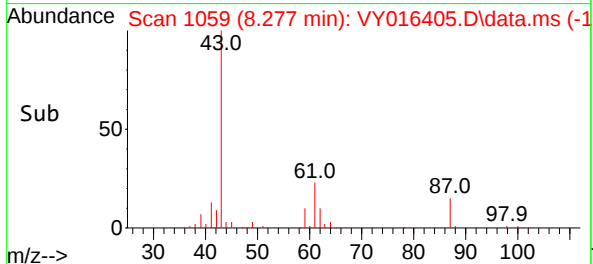
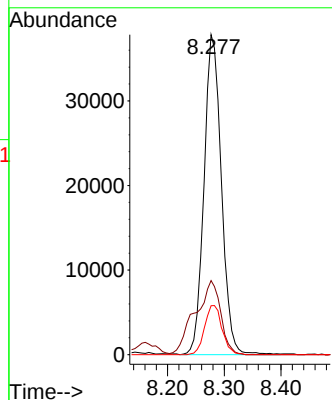
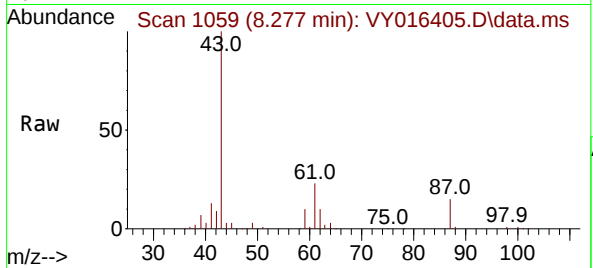
#43
Isopropyl Acetate
Concen: 40.795 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 8085
Ion Ratio Lower Upper
43 100
61 33.9 21.1 31.7
87 15.4 9.8 14.8

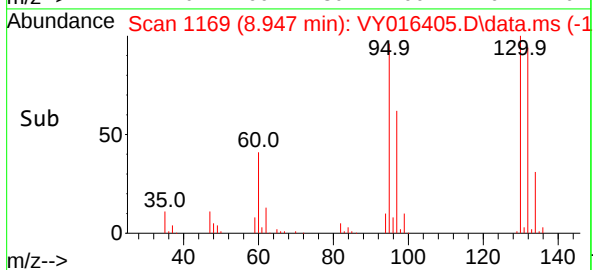
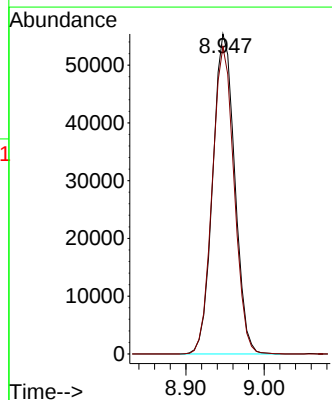
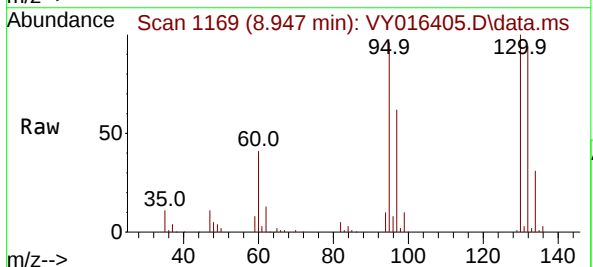
Manual Integrations
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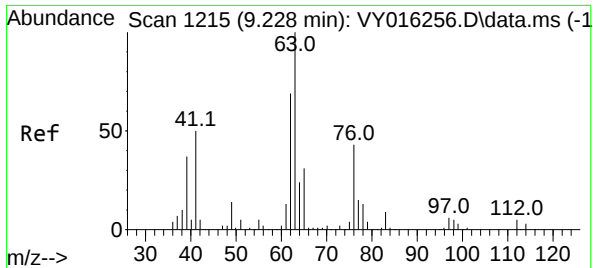
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#44
Trichloroethene
Concen: 52.710 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Tgt Ion:130 Resp: 108008
Ion Ratio Lower Upper
130 100
95 96.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.636 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 8670

Ion Ratio Lower Upper

63 100

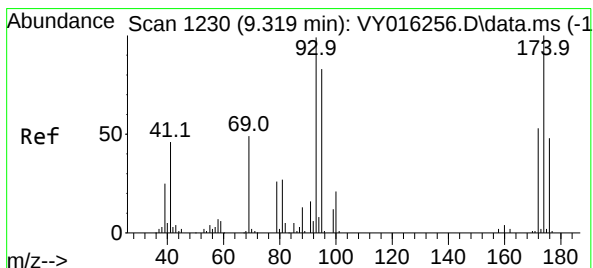
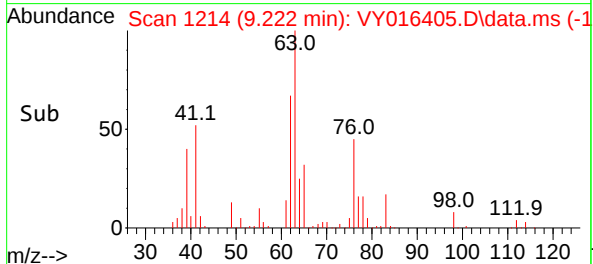
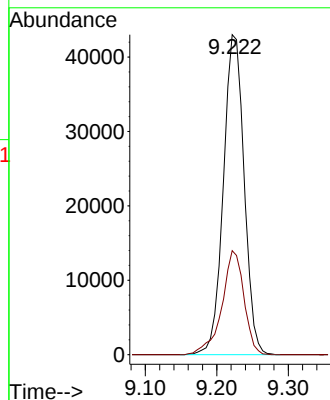
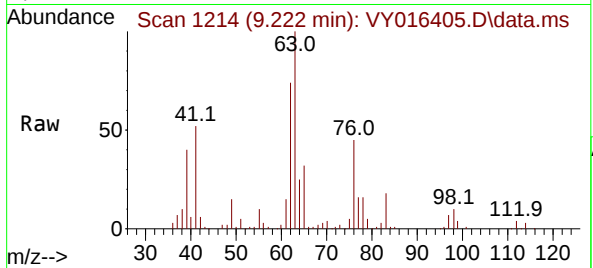
65 32.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#46

Dibromomethane

Concen: 48.382 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.006 min

Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

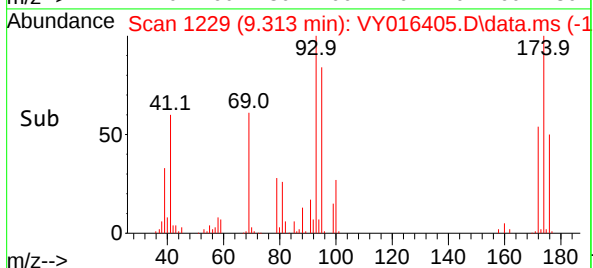
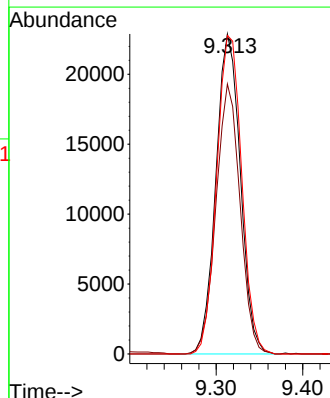
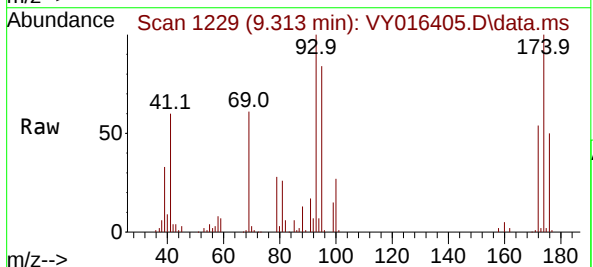
Tgt Ion: 93 Resp: 44893

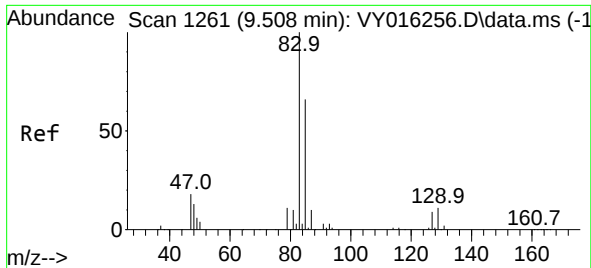
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 101.7 84.8 127.2





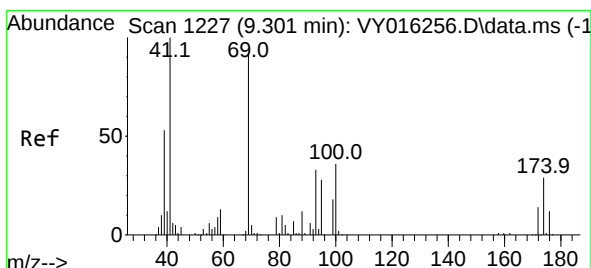
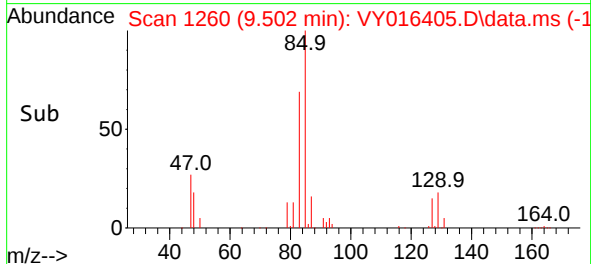
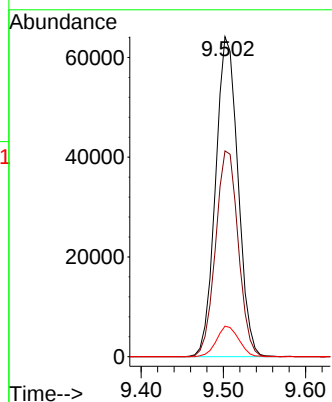
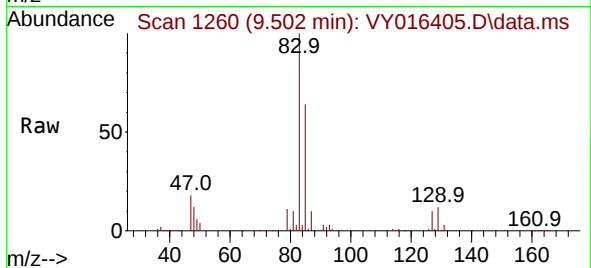
#47
Bromodichloromethane
Concen: 50.919 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 121468
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1
127 9.5 7.1 10.7

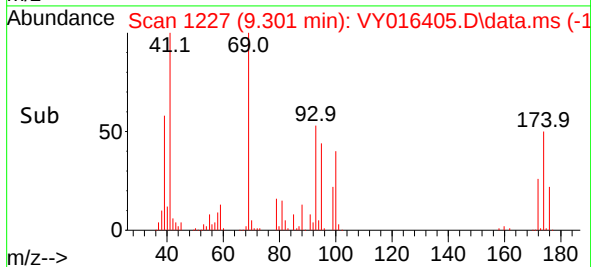
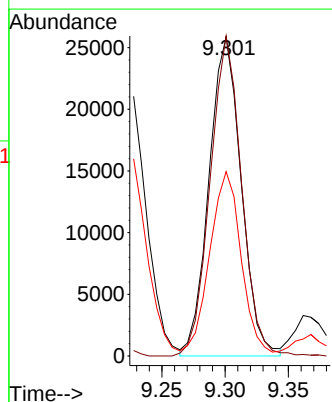
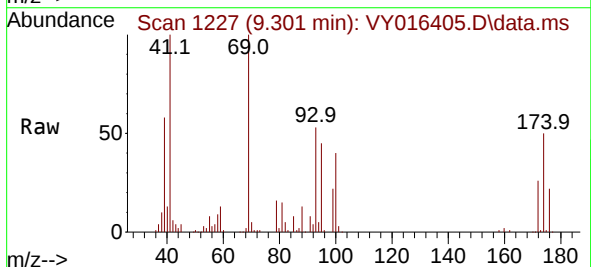
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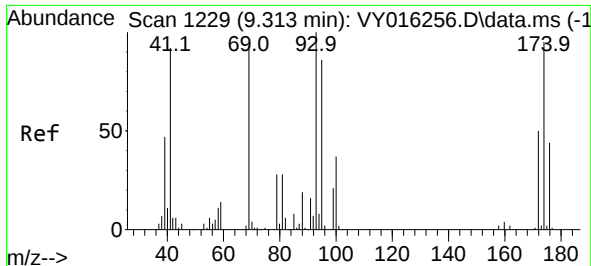
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#48
Methyl methacrylate
Concen: 41.796 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Tgt Ion: 41 Resp: 45783
Ion Ratio Lower Upper
41 100
69 97.8 64.5 96.7#
39 54.2 50.8 76.2





#49

1,4-Dioxane

Concen: 850.380 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 837

Ion Ratio Lower Upper

88 100

43 30.5 0.0 0.0

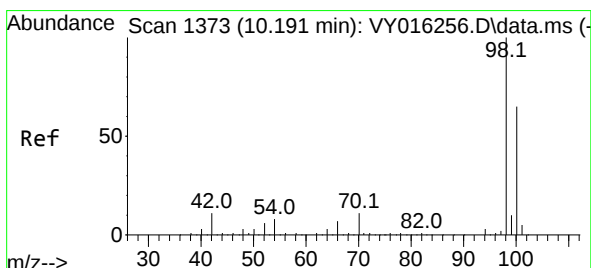
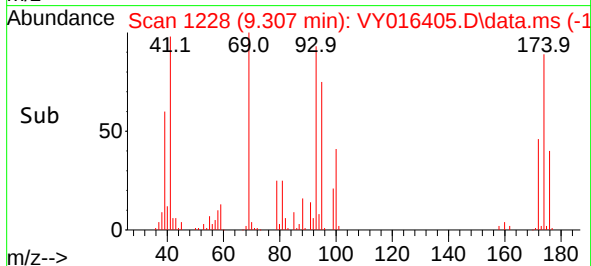
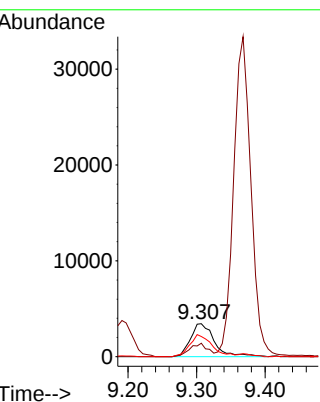
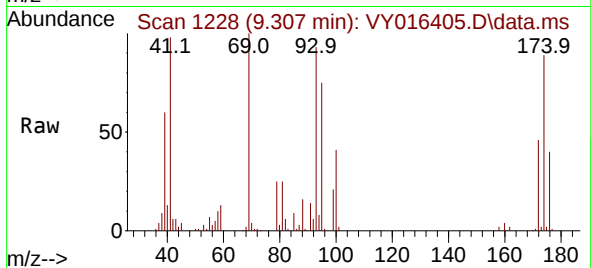
58 62.0 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#50

Toluene-d8

Concen: 53.977 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016405.D

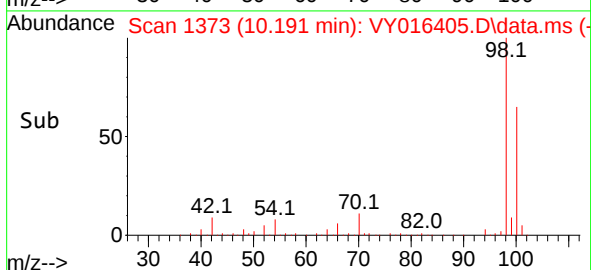
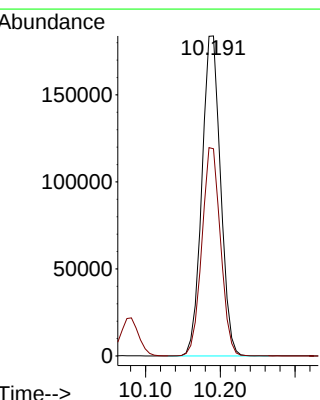
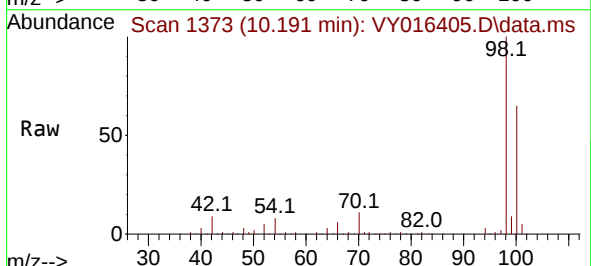
Acq: 17 Nov 2023 09:15

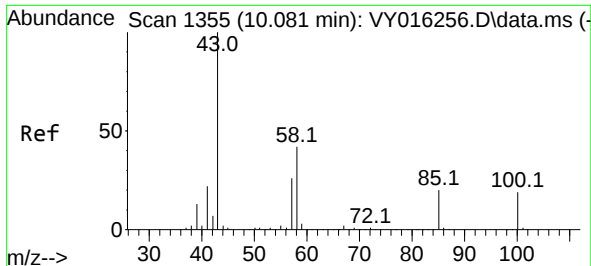
Tgt Ion: 98 Resp: 319900

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1





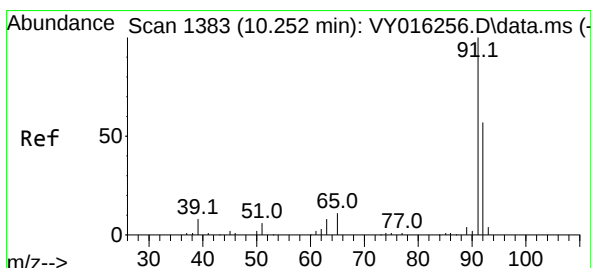
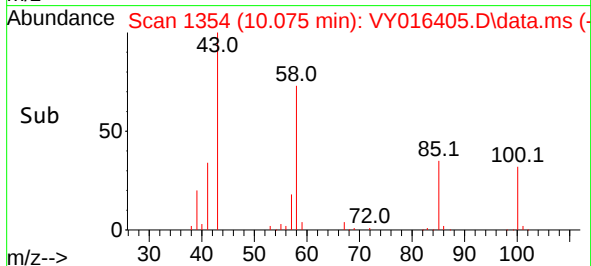
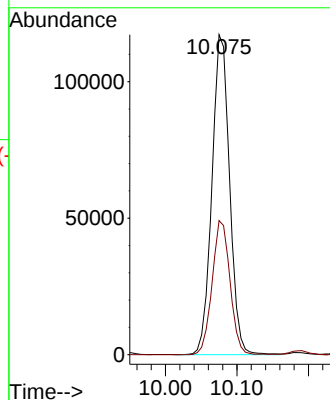
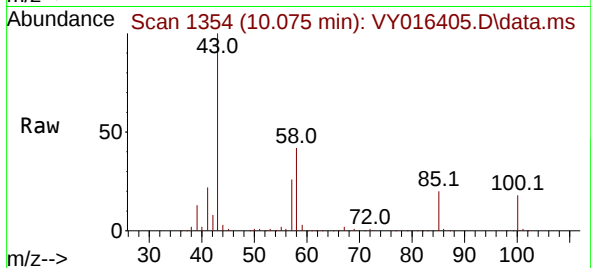
#51
4-Methyl-2-Pentanone
Concen: 200.500 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 20095
Ion Ratio Lower Upper
43 100
58 42.5 29.0 43.6

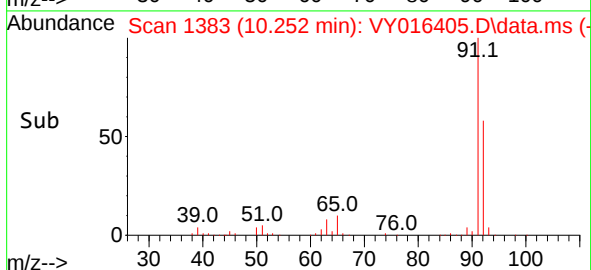
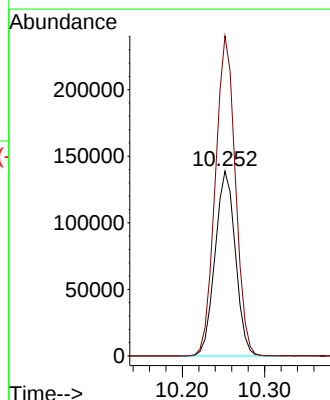
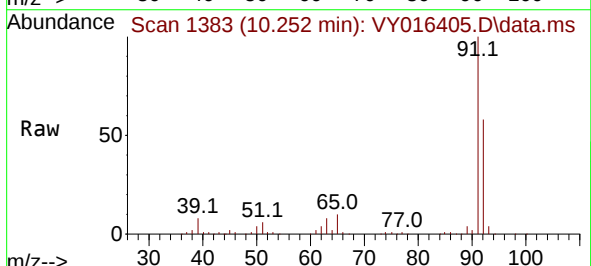
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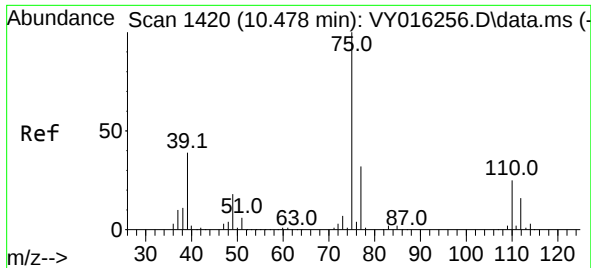
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#52
Toluene
Concen: 52.843 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Tgt Ion: 92 Resp: 238157
Ion Ratio Lower Upper
92 100
91 171.2 143.8 215.6





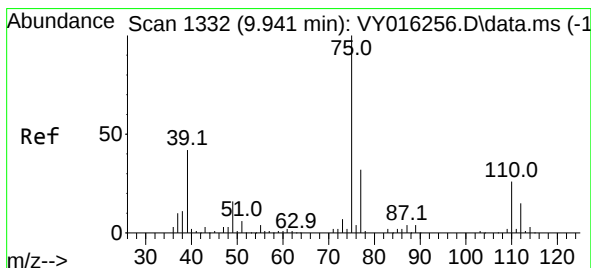
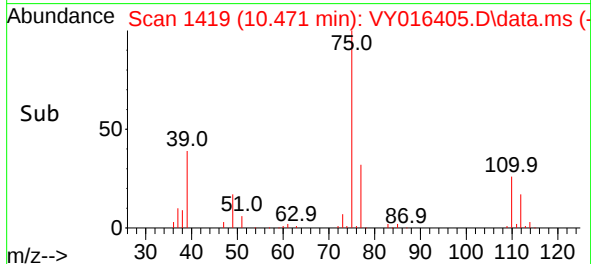
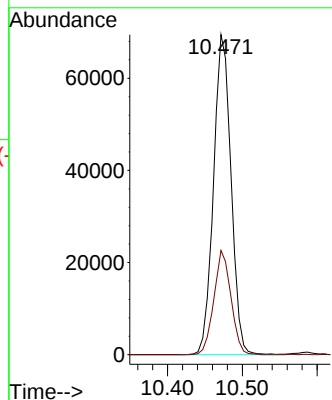
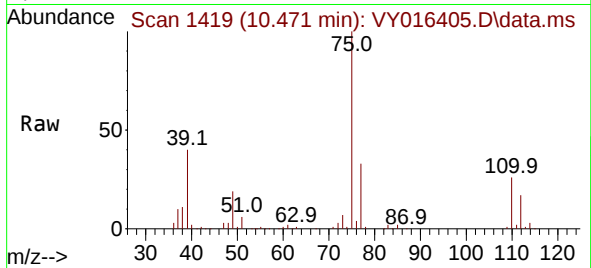
#53
 t-1,3-Dichloropropene
 Concen: 49.001 ug/l
 RT: 10.471 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VY016405.D
 Acq: 17 Nov 2023 09:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 113318
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.0 37.4

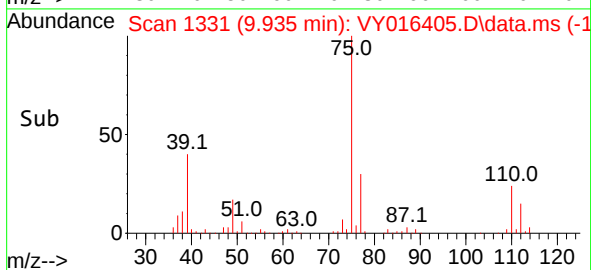
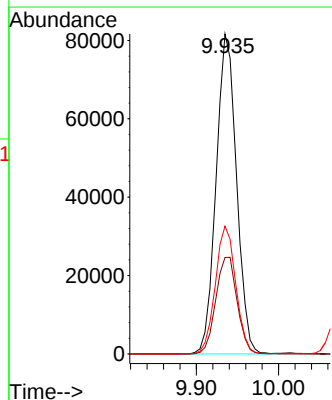
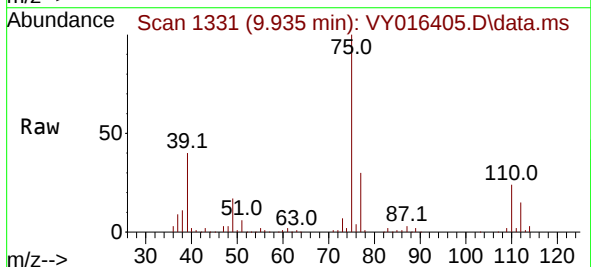
Manual Integrations
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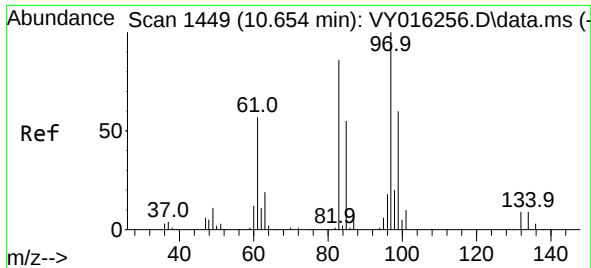
Reviewed By :John Carlone 11/20/2023
 Supervised By :Mahesh Dadoda 11/20/2023



#54
 cis-1,3-Dichloropropene
 Concen: 50.944 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY016405.D
 Acq: 17 Nov 2023 09:15

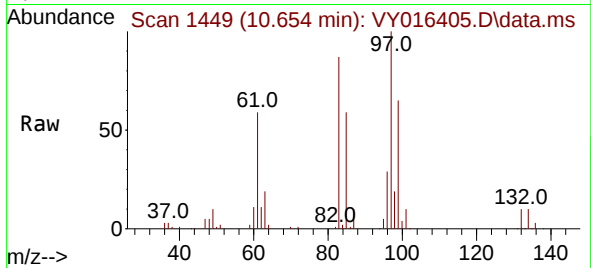
Tgt Ion: 75 Resp: 140713
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.2 36.4
 39 39.9 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 47.896 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

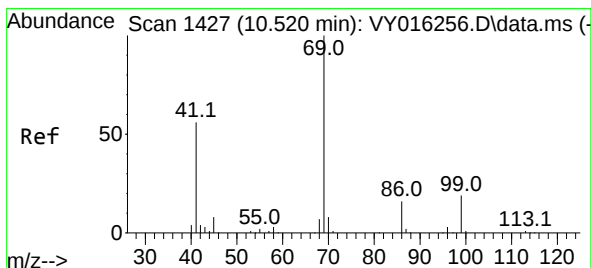
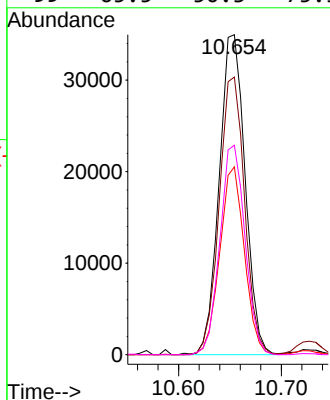
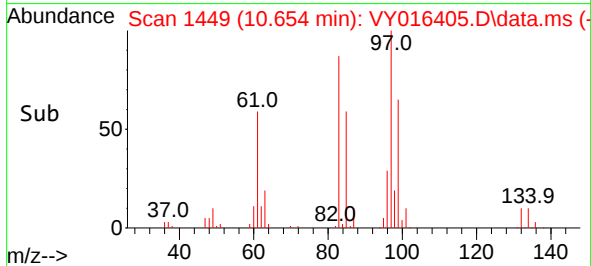
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



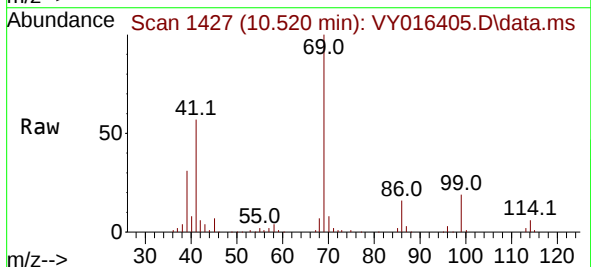
Tgt Ion: 97 Resp: 61258
Ion Ratio Lower Upper
97 100
83 86.7 72.0 108.0
85 58.7 45.4 68.0
99 65.5 50.3 75.5

Manual Integrations
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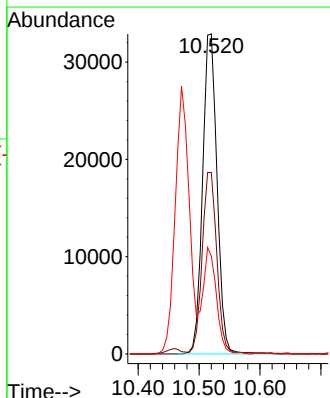
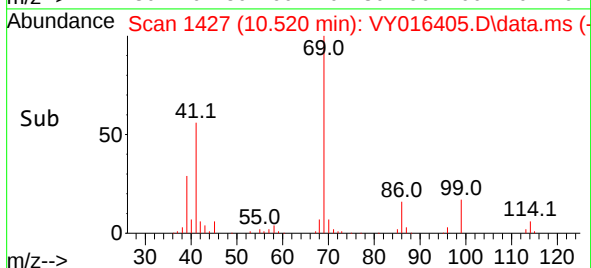
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

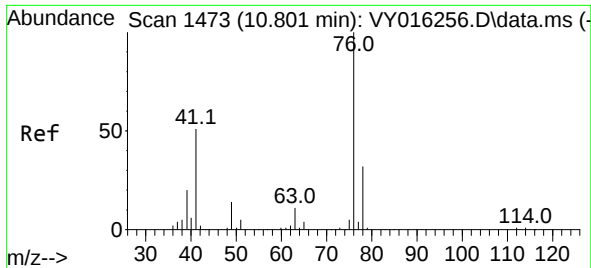


#56
Ethyl methacrylate
Concen: 45.010 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15



Tgt Ion: 69 Resp: 54339
Ion Ratio Lower Upper
69 100
41 57.0 57.6 86.4#
39 31.3 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 48.040 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10472

Ion Ratio Lower Upper

76 100

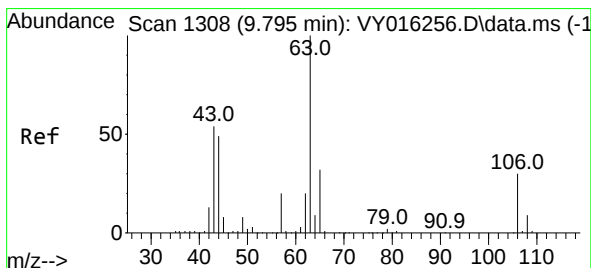
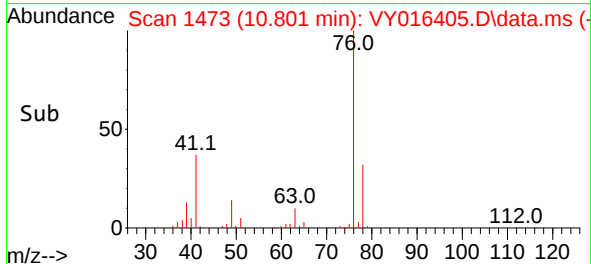
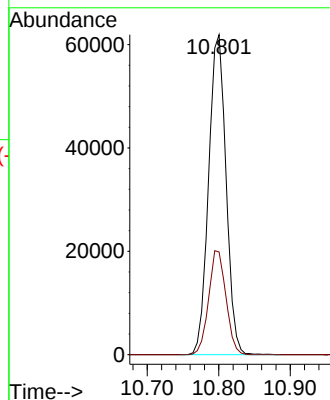
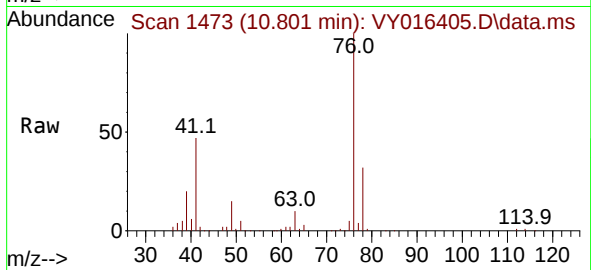
78 32.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 228.336 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.006 min

Lab File: VY016405.D

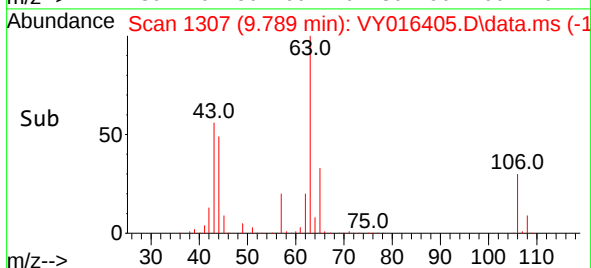
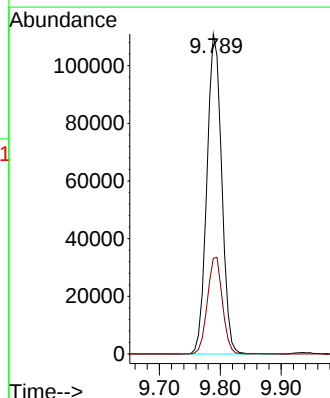
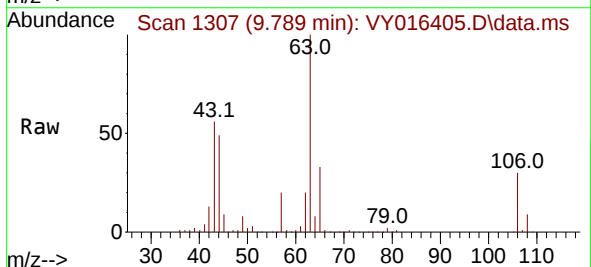
Acq: 17 Nov 2023 09:15

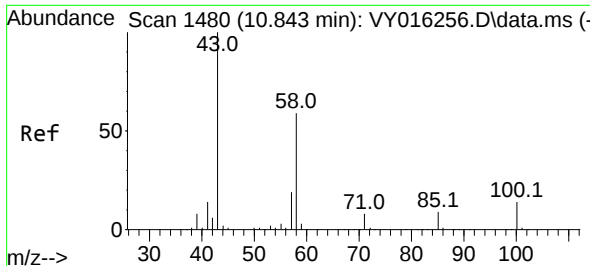
Tgt Ion: 63 Resp: 186916

Ion Ratio Lower Upper

63 100

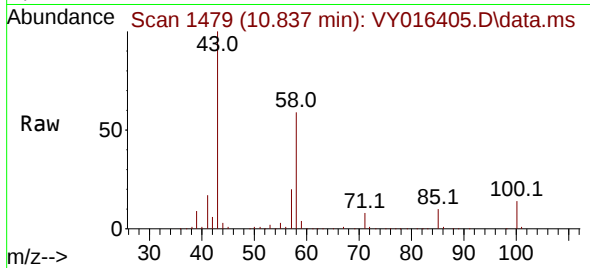
106 30.5 21.2 31.8





#59
2-Hexanone
Concen: 188.907 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

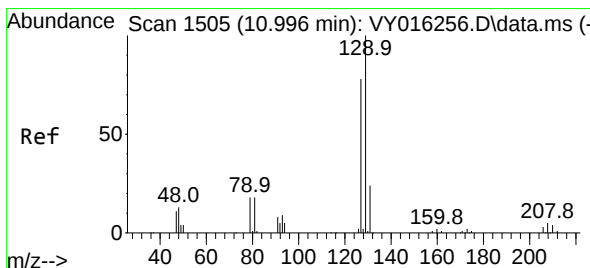
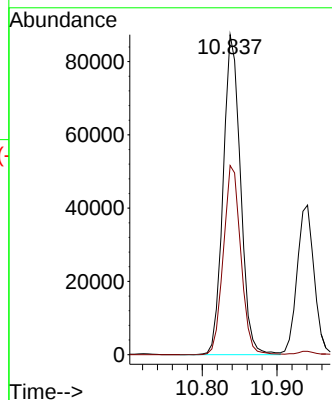
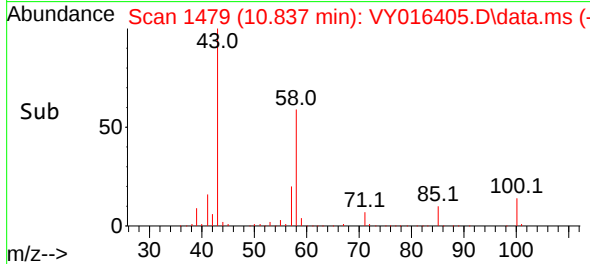
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 140830
Ion Ratio Lower Upper
43 100
58 59.4 25.1 75.3

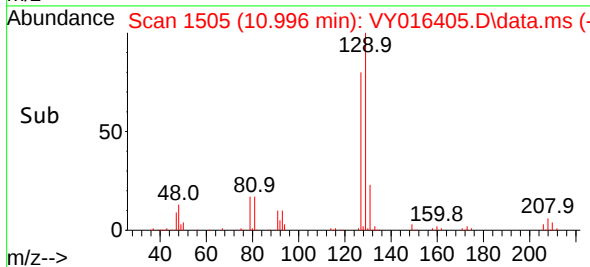
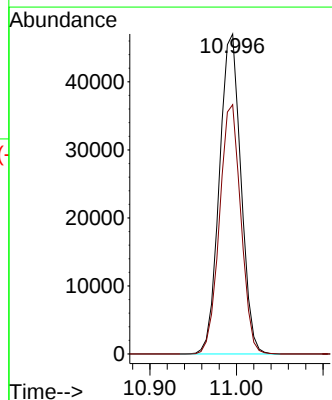
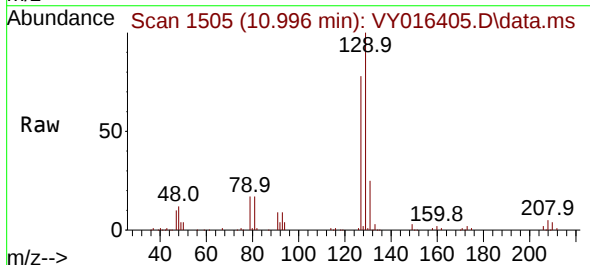
Manual Integrations
APPROVED

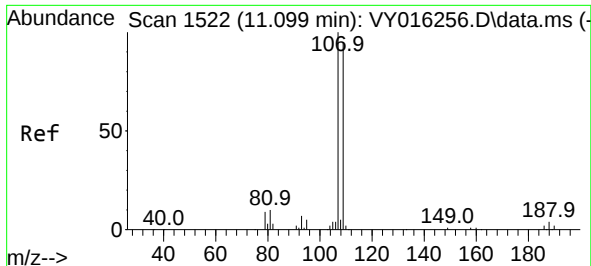
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#60
Dibromochloromethane
Concen: 50.757 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

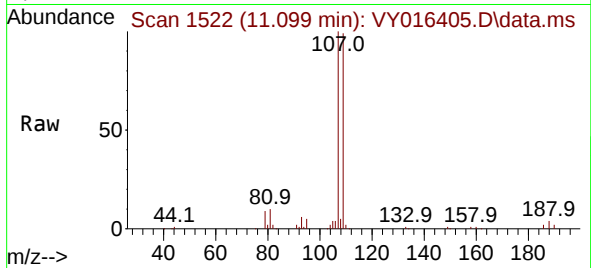
Tgt Ion:129 Resp: 81184
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 47.410 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

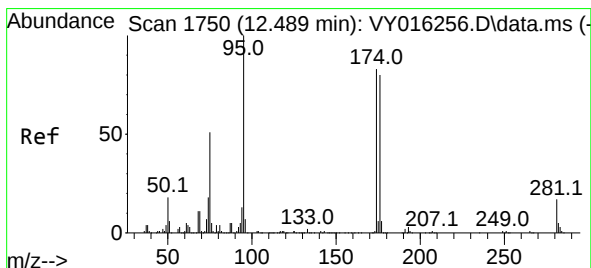
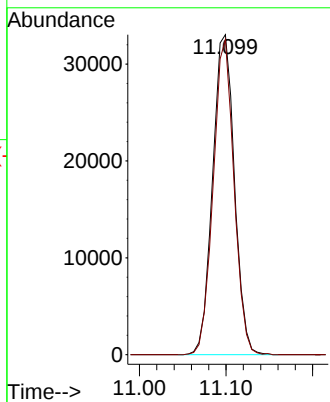
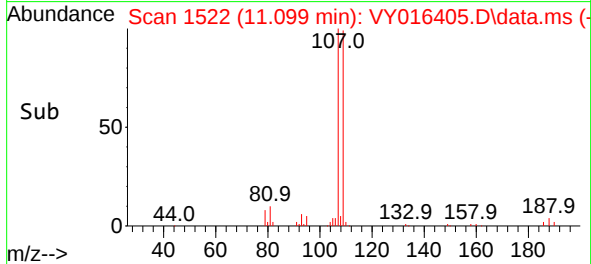
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



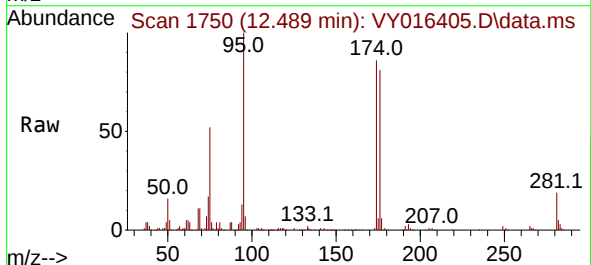
Tgt Ion:107 Resp: 57760
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4

Manual Integrations
APPROVED

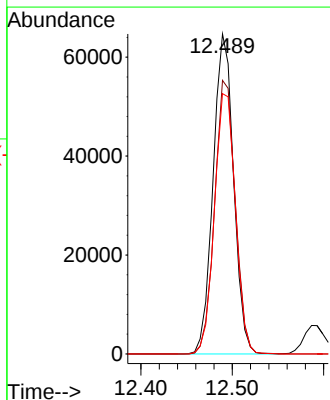
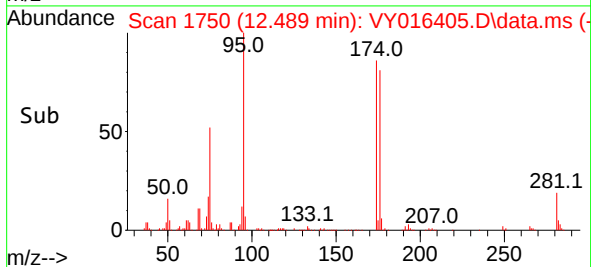
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

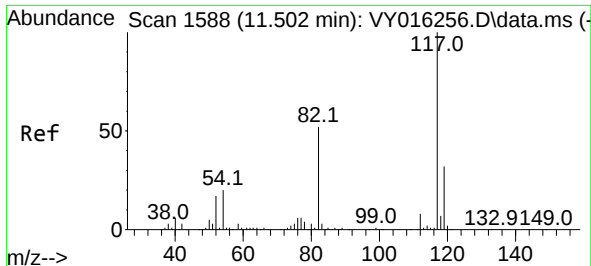


#62
4-Bromofluorobenzene
Concen: 52.344 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15



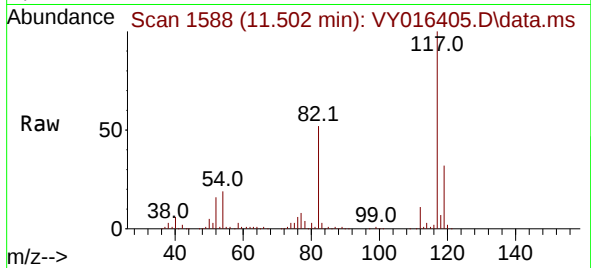
Tgt Ion: 95 Resp: 100754
Ion Ratio Lower Upper
95 100
174 86.1 0.0 178.2
176 83.8 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

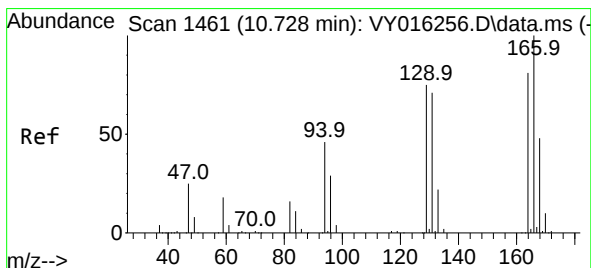
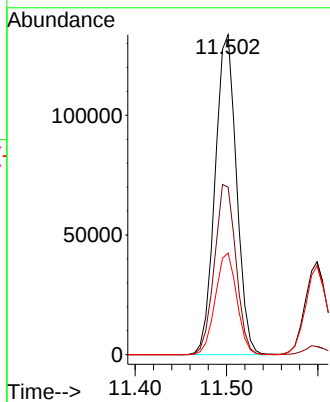
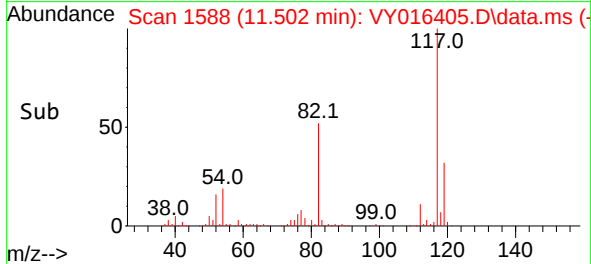
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



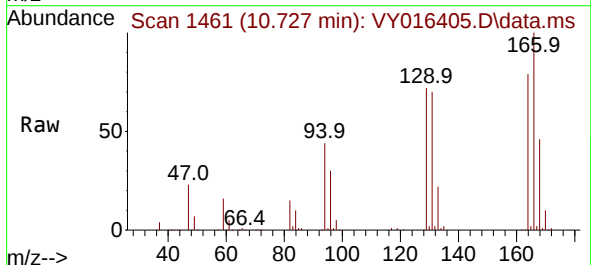
Tgt Ion:117 Resp: 21803
Ion Ratio Lower Upper
117 100
82 52.4 43.4 65.0
119 31.8 26.3 39.5

Manual Integrations
APPROVED

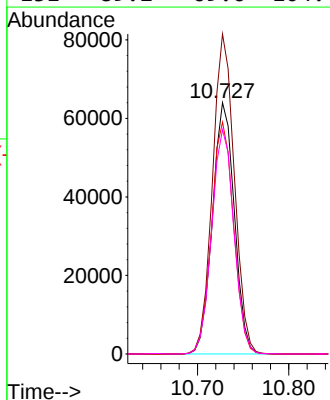
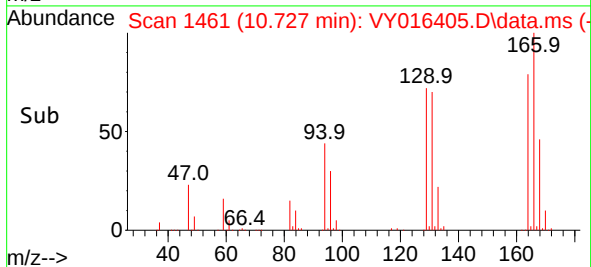
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

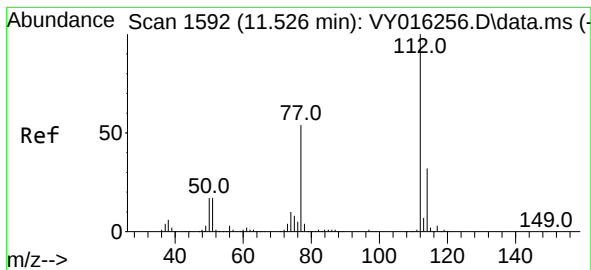


#64
Tetrachloroethene
Concen: 54.322 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15



Tgt Ion:164 Resp: 106349
Ion Ratio Lower Upper
164 100
166 127.3 103.0 154.6
129 92.2 77.2 115.8
131 89.2 69.6 104.4





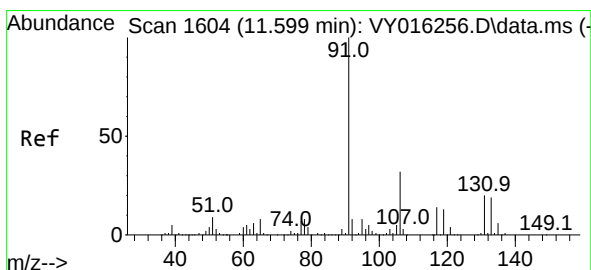
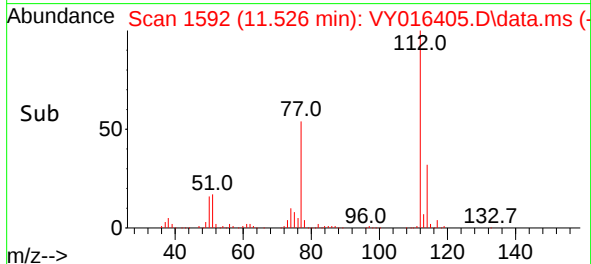
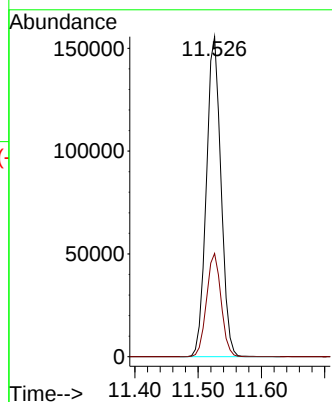
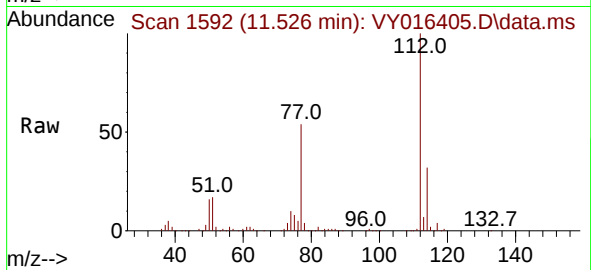
#65
Chlorobenzene
Concen: 53.677 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 250049
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3

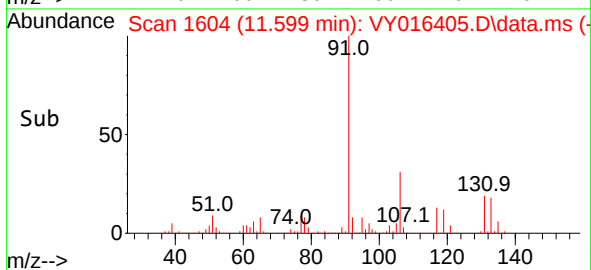
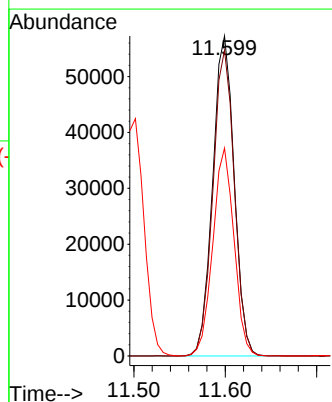
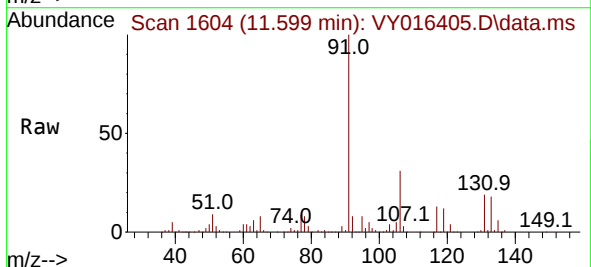
Manual Integrations
APPROVED

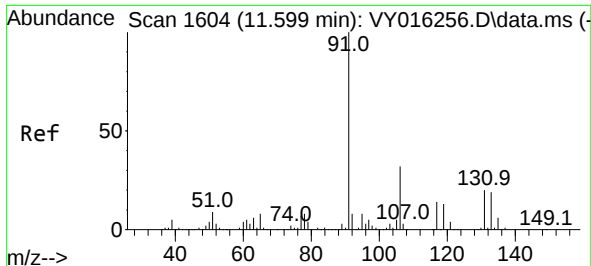
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 54.454 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

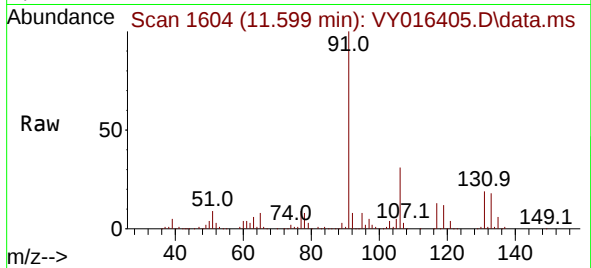
Tgt Ion:131 Resp: 93560
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 64.0 31.6 94.7





#67
Ethyl Benzene
Concen: 54.940 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

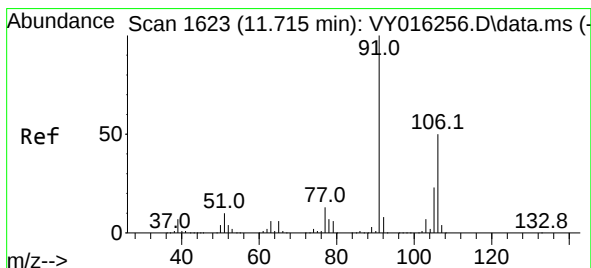
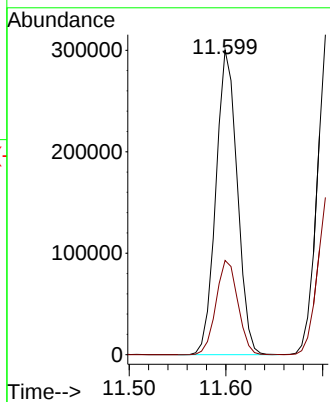
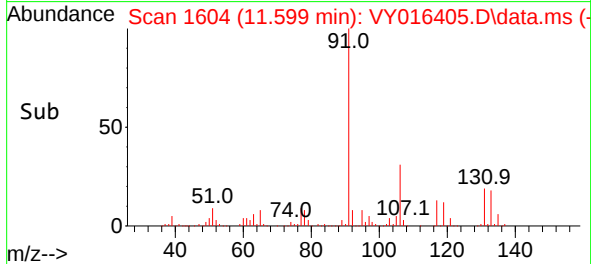
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



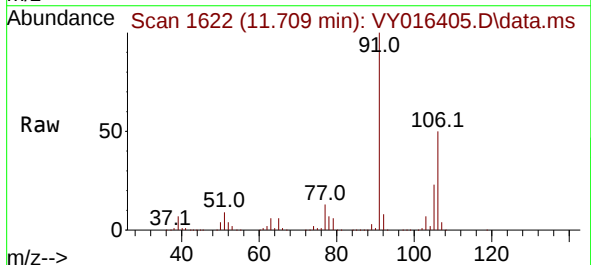
Tgt Ion: 91 Resp: 459940
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8

Manual Integrations
APPROVED

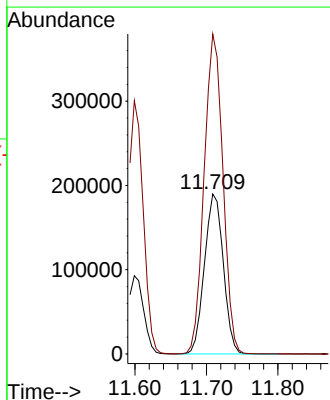
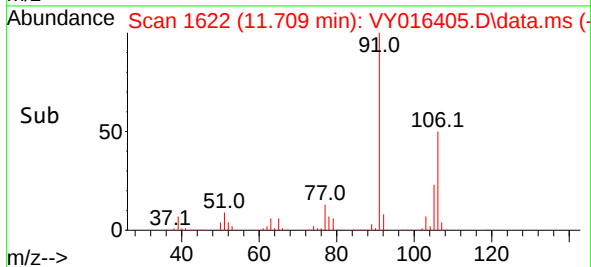
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

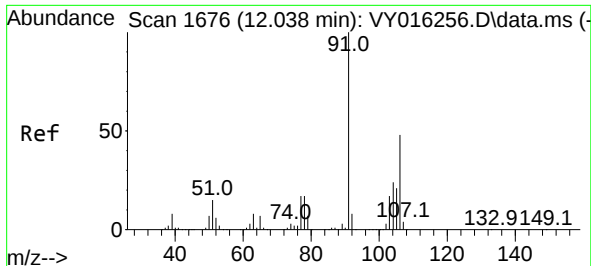


#68
m/p-Xylenes
Concen: 109.456 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15



Tgt Ion:106 Resp: 347564
Ion Ratio Lower Upper
106 100
91 198.9 166.1 249.1





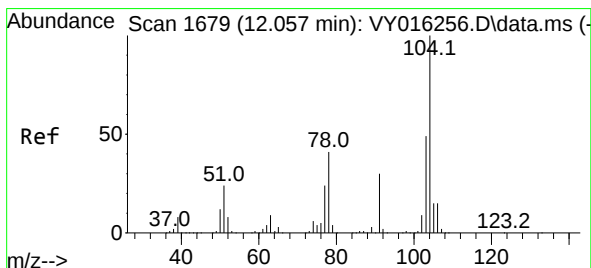
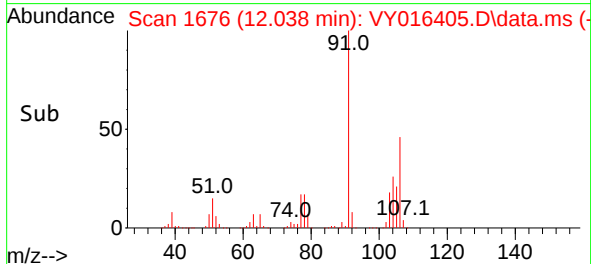
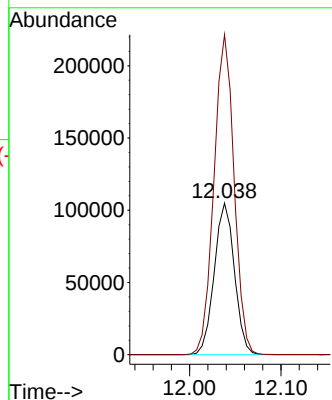
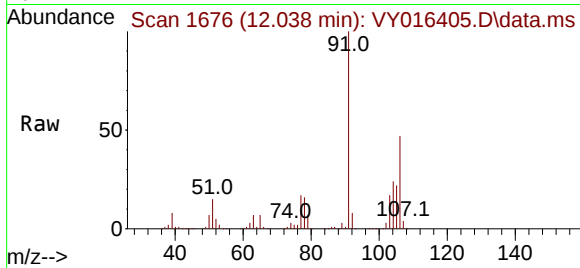
#69
o-Xylene
Concen: 54.581 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 160910
Ion Ratio Lower Upper
106 100
91 210.9 108.1 324.3

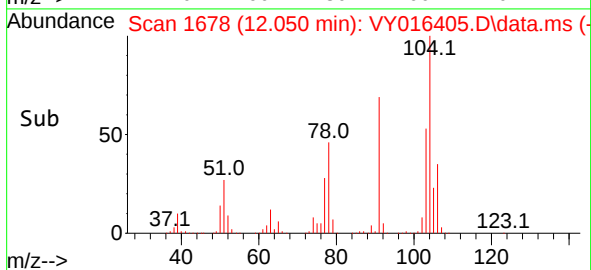
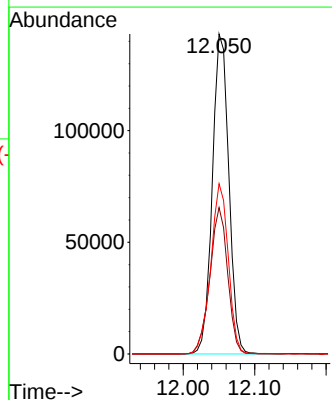
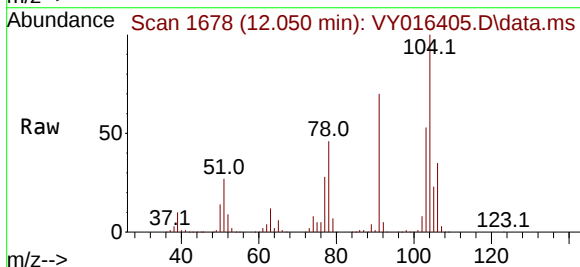
Manual Integrations
APPROVED

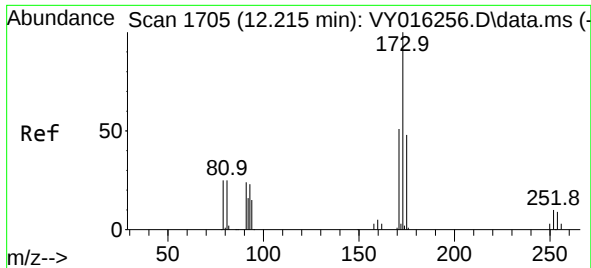
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#70
Styrene
Concen: 54.412 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

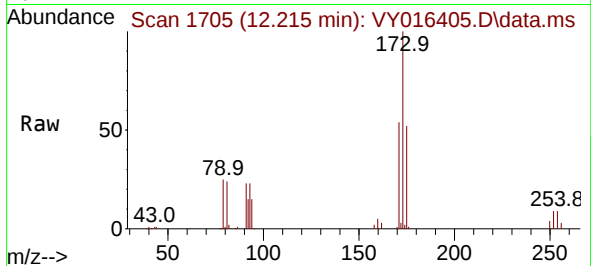
Tgt Ion:104 Resp: 229700
Ion Ratio Lower Upper
104 100
78 49.2 41.5 62.3
103 56.6 44.6 67.0





#71
Bromoform
Concen: 49.146 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

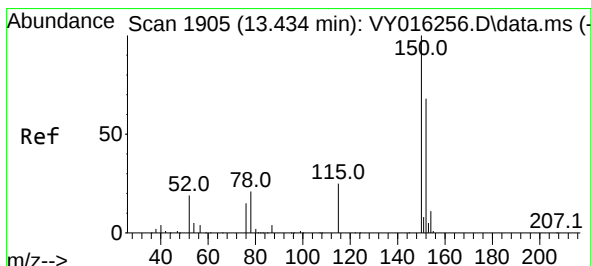
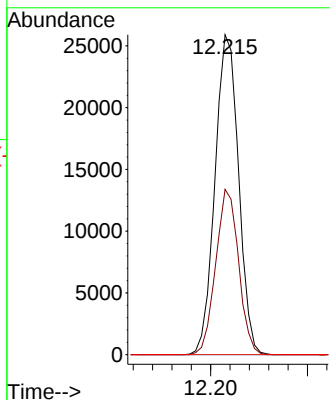
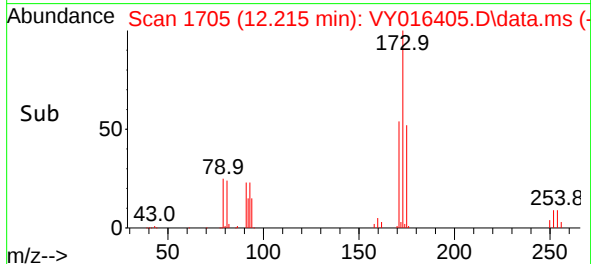
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



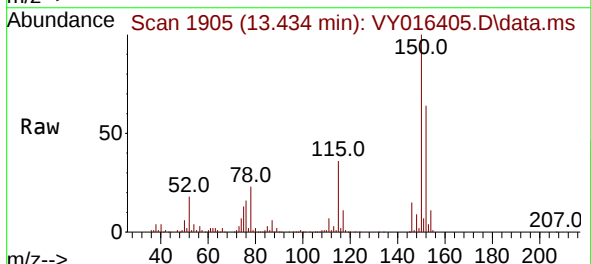
Tgt Ion:173 Resp: 4381
Ion Ratio Lower Upper
173 100
175 50.1 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

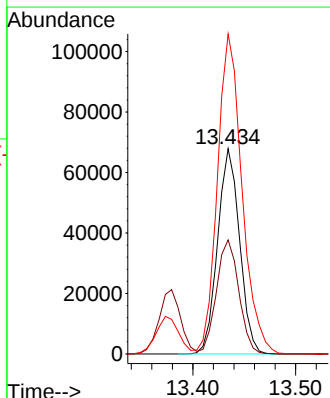
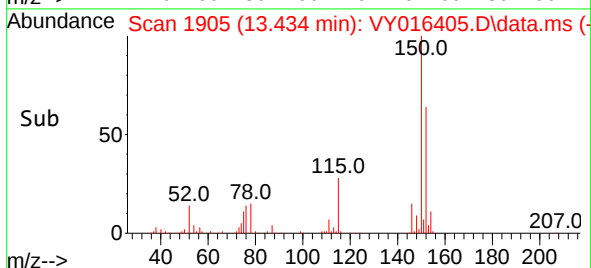
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

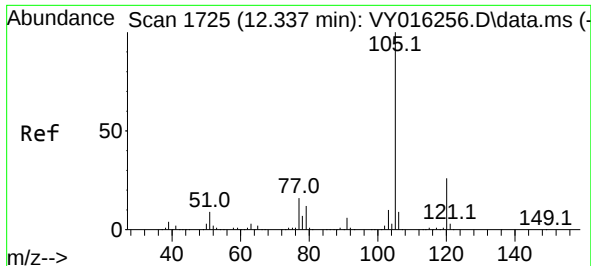


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15



Tgt Ion:152 Resp: 100557
Ion Ratio Lower Upper
152 100
115 56.7 28.8 86.5
150 175.1 0.0 348.8





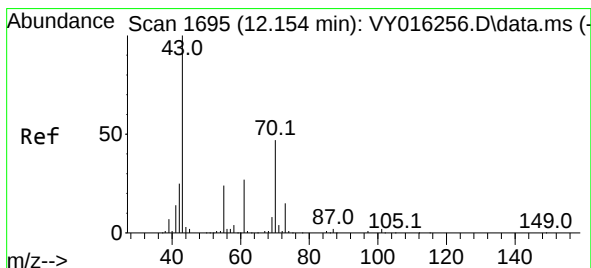
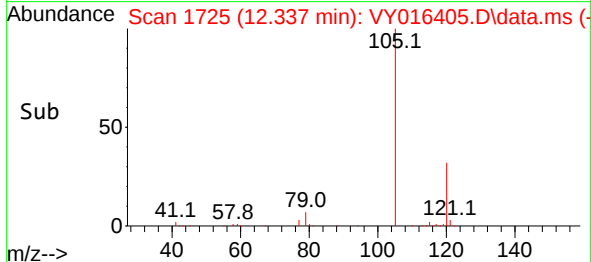
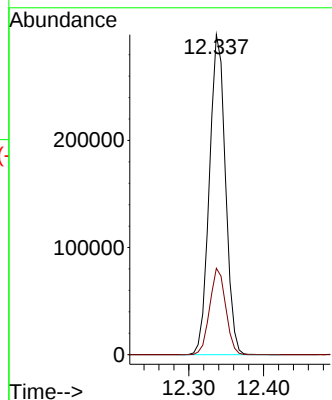
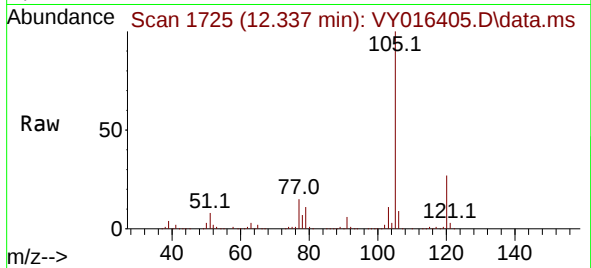
#73
Isopropylbenzene
Concen: 54.776 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 446034
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9

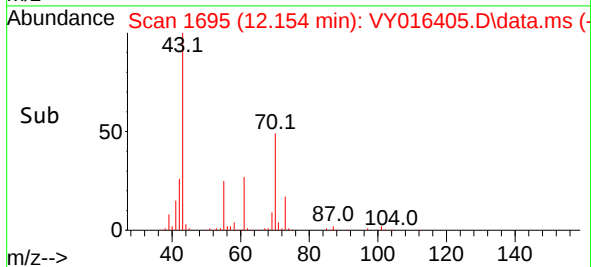
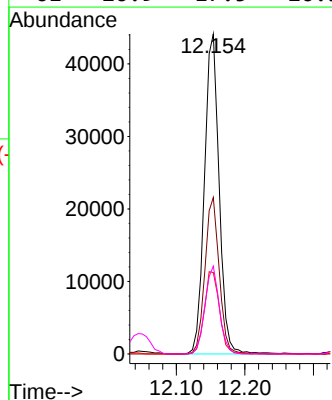
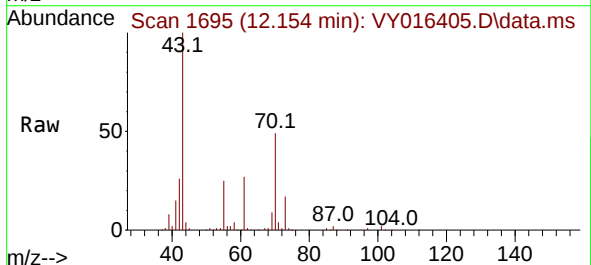
Manual Integrations
APPROVED

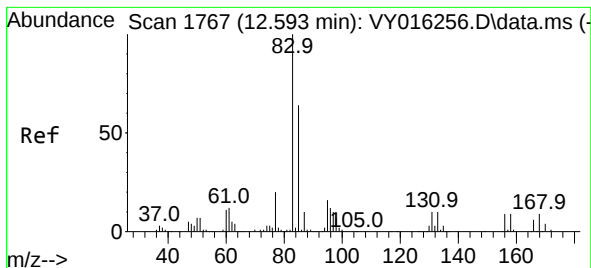
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#74
N-ethyl acetate
Concen: 40.277 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

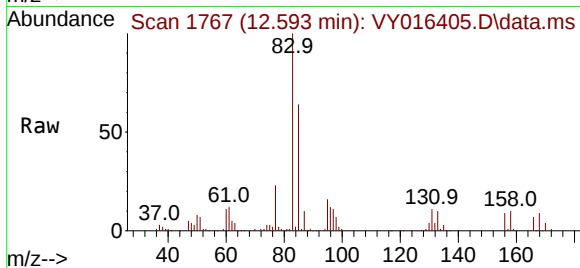
Tgt Ion: 43 Resp: 65878
Ion Ratio Lower Upper
43 100
70 47.8 29.7 44.5#
55 26.5 18.3 27.5
61 26.9 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 44.226 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

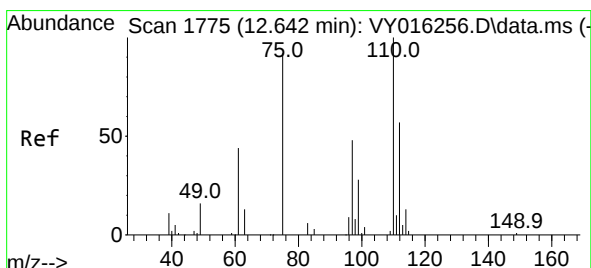
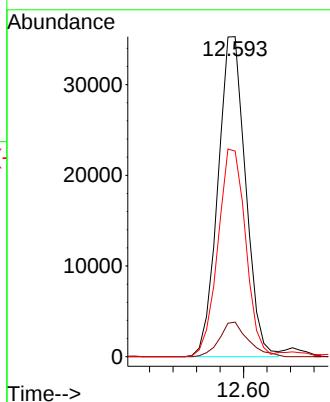
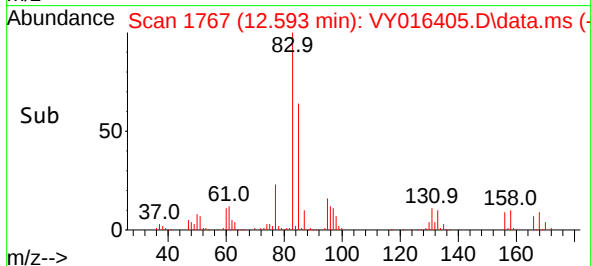
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



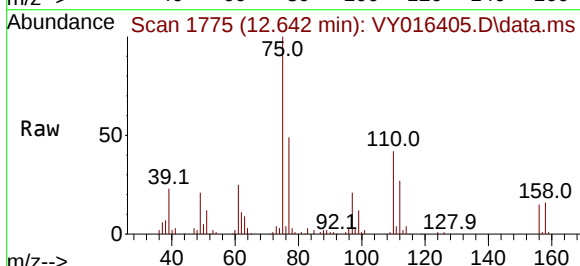
Tgt Ion: 83 Resp: 5778
Ion Ratio Lower Upper
83 100
131 11.2 5.4 16.2
85 65.5 31.8 95.4

Manual Integrations
APPROVED

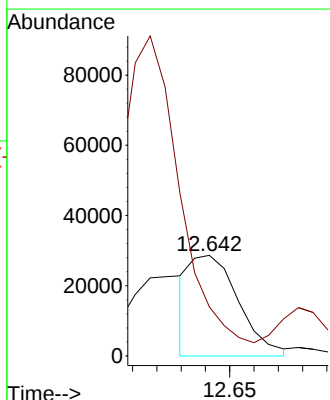
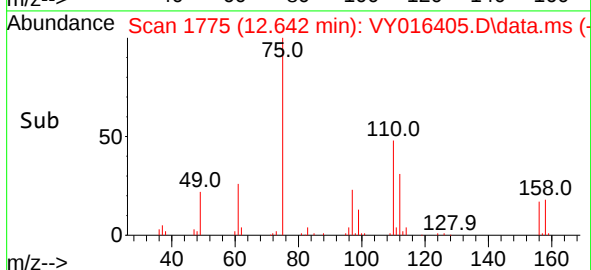
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

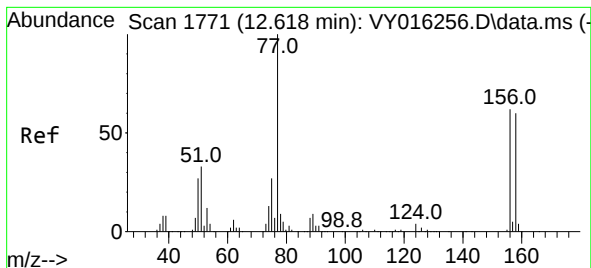


#76
1,2,3-Trichloropropane
Concen: 41.360 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15



Tgt Ion: 75 Resp: 39897
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.587 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

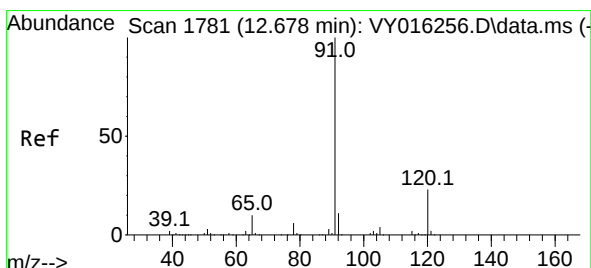
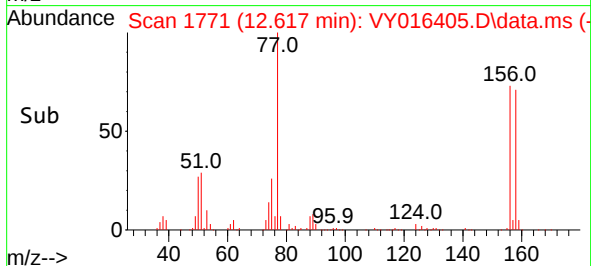
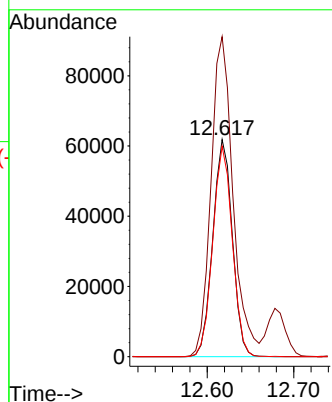
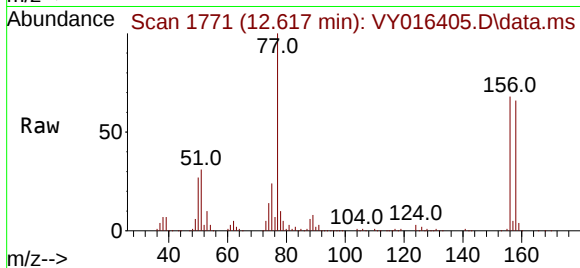
Tgt Ion:	156	Resp:	9678
Ion Ratio	Lower	Upper	
156	100		
77	166.4	92.8	278.6
158	97.3	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#78

n-propylbenzene

Concen: 54.432 ug/l

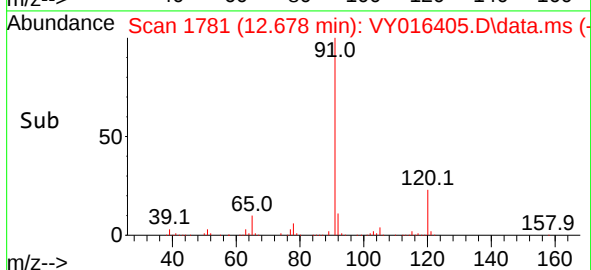
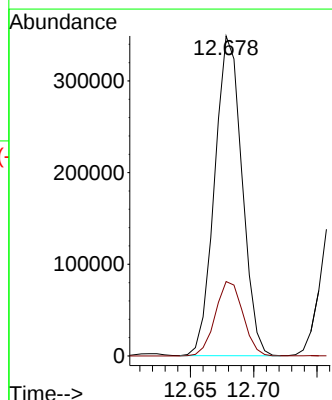
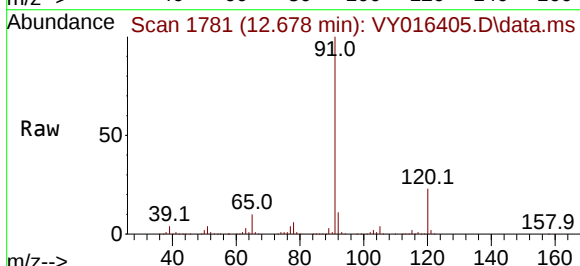
RT: 12.678 min Scan# 1781

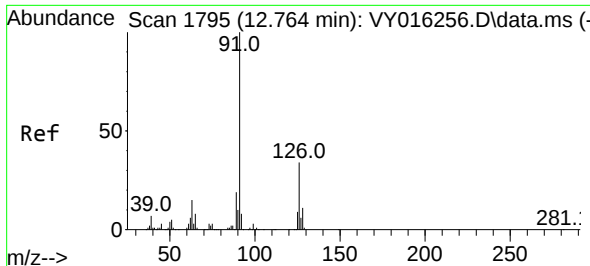
Delta R.T. -0.000 min

Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

Tgt Ion:	91	Resp:	523807
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.4





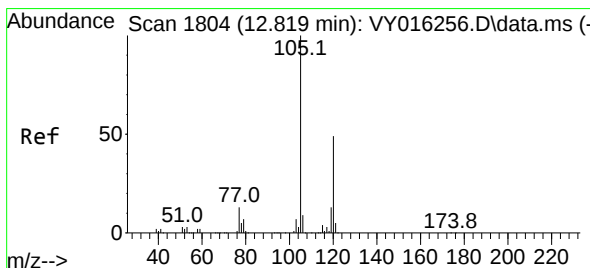
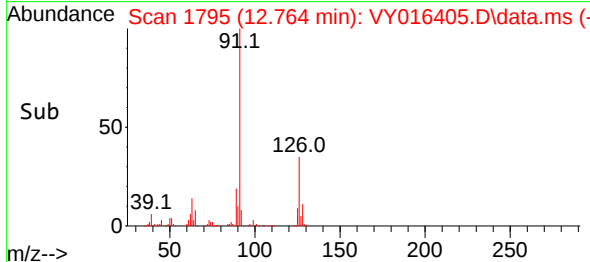
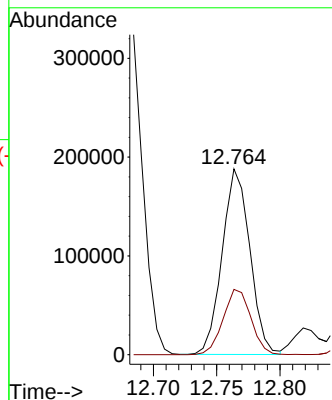
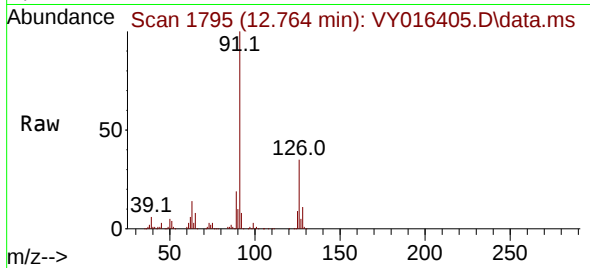
#79
2-Chlorotoluene
Concen: 54.086 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 28683
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7

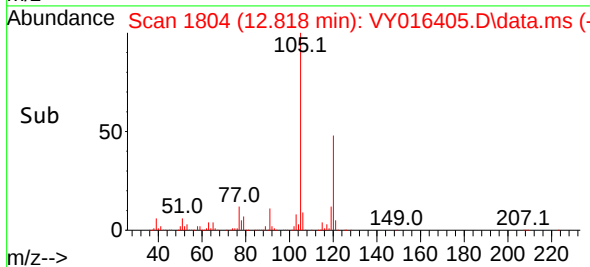
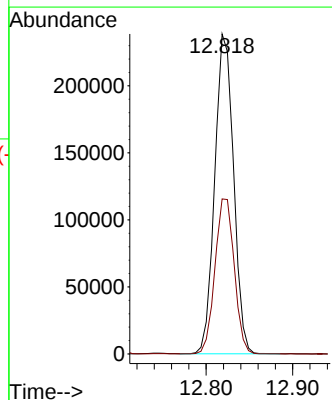
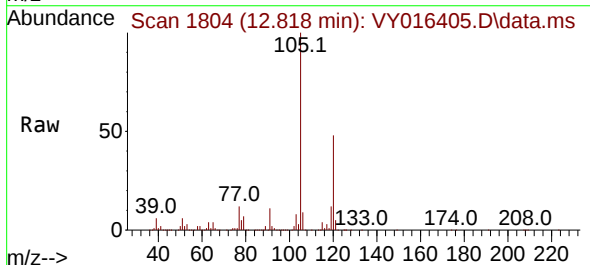
Manual Integrations
APPROVED

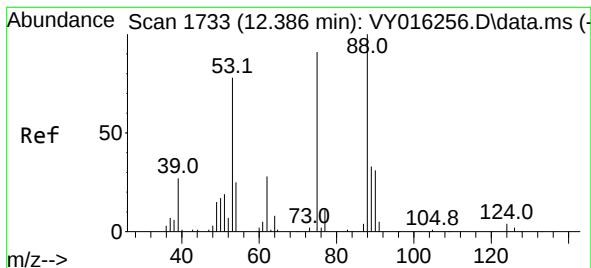
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 54.852 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Tgt Ion:105 Resp: 360112
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7





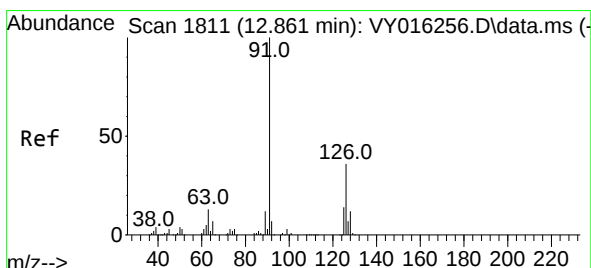
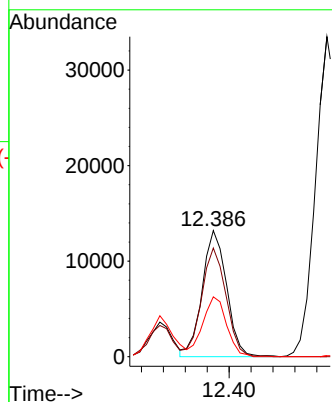
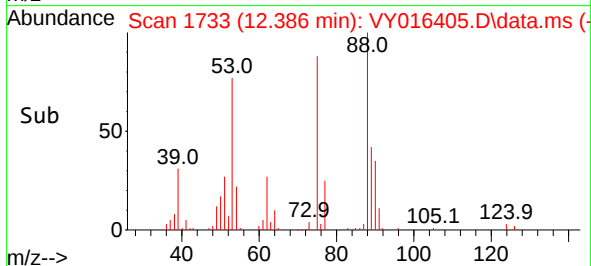
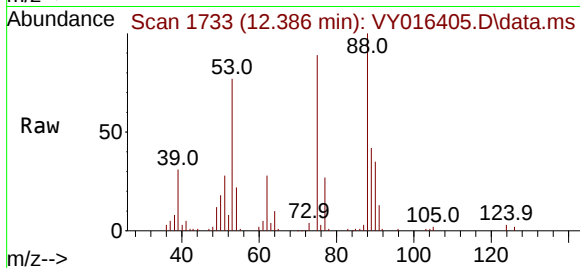
#81
trans-1,4-Dichloro-2-butene
Concen: 45.998 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2044
Ion Ratio Lower Upper
75 100
53 86.3 77.8 116.8
89 46.4 37.4 56.0

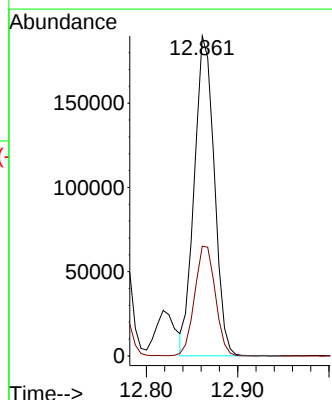
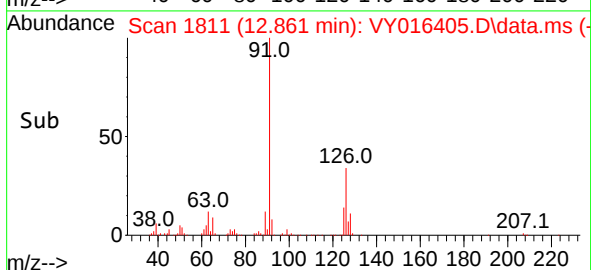
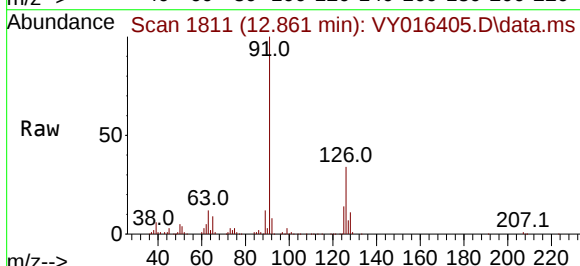
Manual Integrations
APPROVED

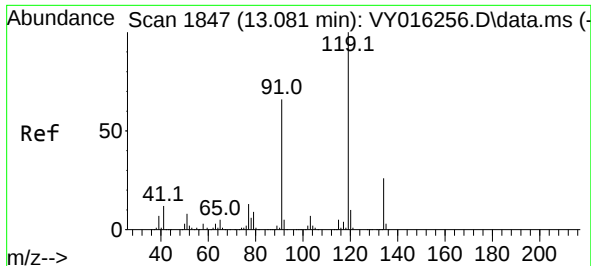
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#82
4-Chlorotoluene
Concen: 52.649 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

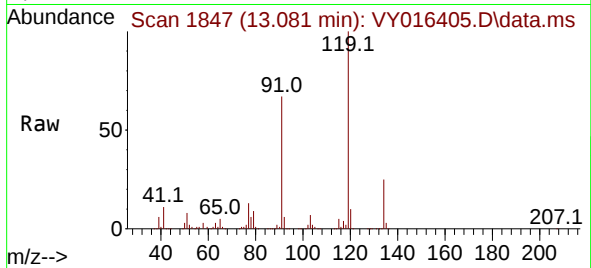
Tgt Ion: 91 Resp: 288518
Ion Ratio Lower Upper
91 100
126 35.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 56.115 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

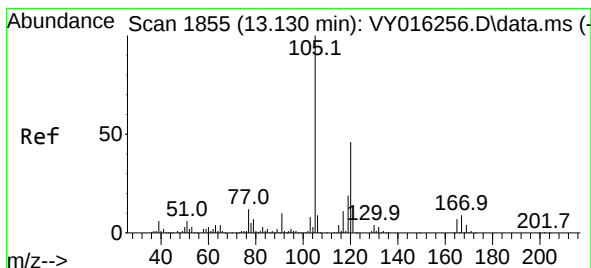
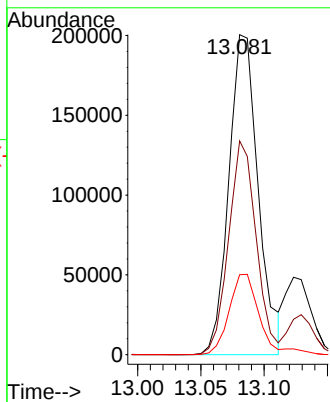
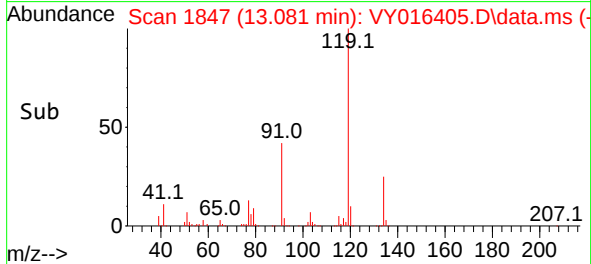
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



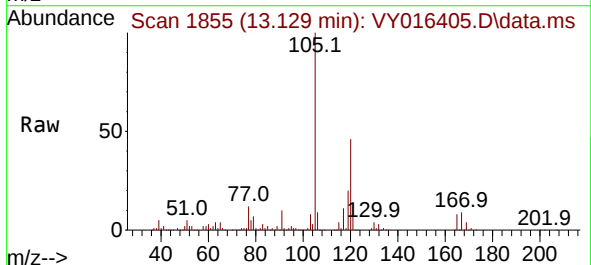
Tgt Ion:119 Resp: 324495
Ion Ratio Lower Upper
119 100
91 62.9 32.9 98.6
134 26.1 13.0 38.9

Manual Integrations
APPROVED

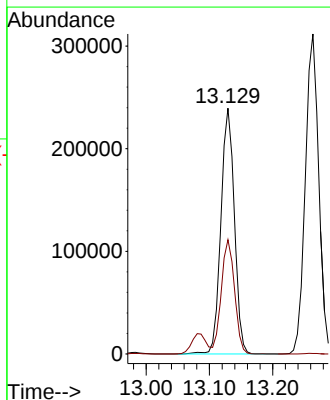
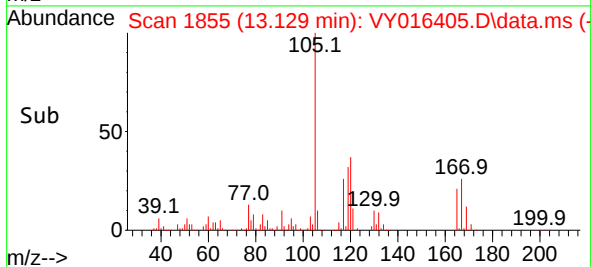
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023

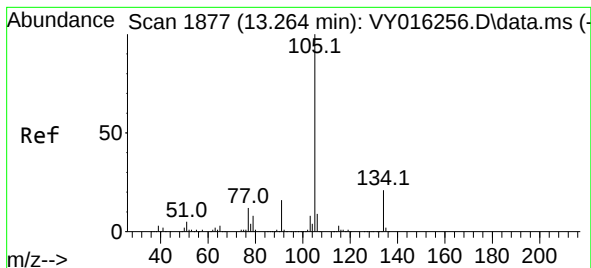


#84
1,2,4-Trimethylbenzene
Concen: 54.572 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15



Tgt Ion:105 Resp: 352778
Ion Ratio Lower Upper
105 100
120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 55.399 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 45767

Ion Ratio Lower Upper

105 100

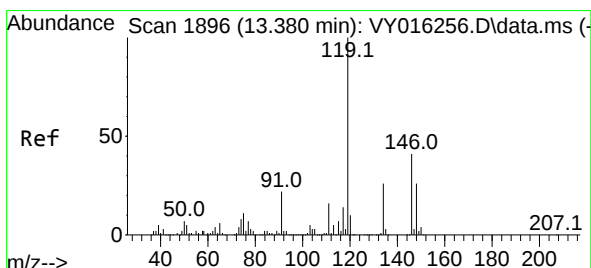
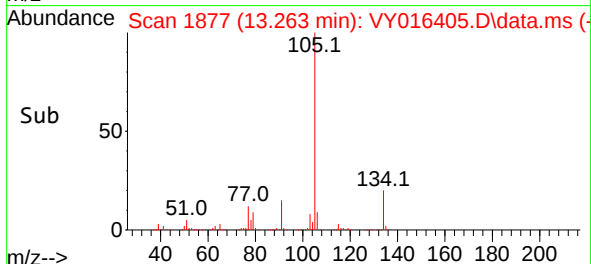
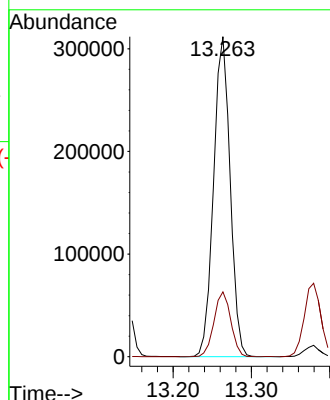
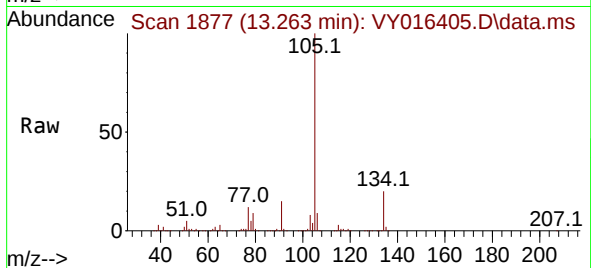
134 20.5 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#86

p-Isopropyltoluene

Concen: 56.047 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

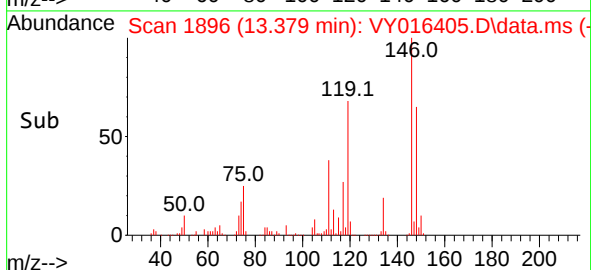
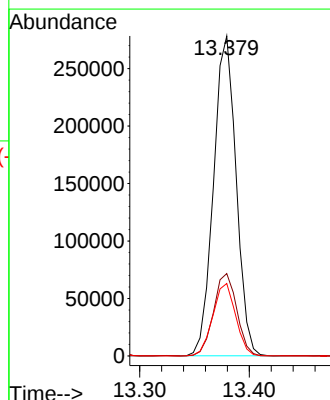
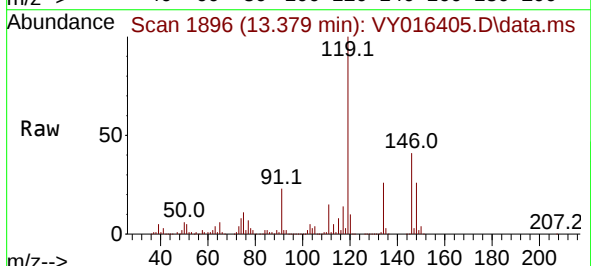
Tgt Ion:119 Resp: 398701

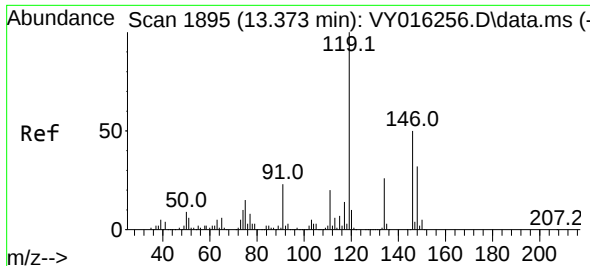
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 53.768 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 19037

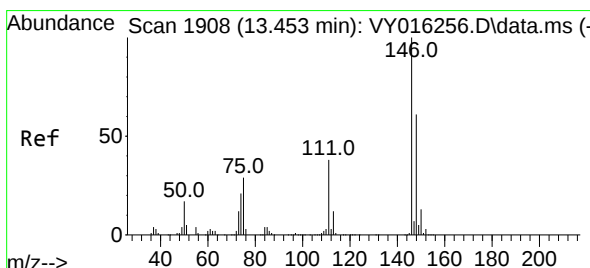
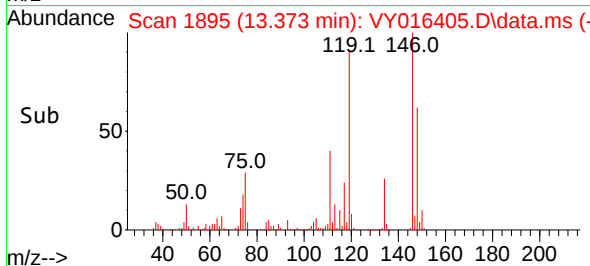
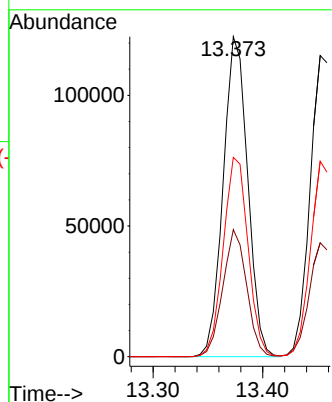
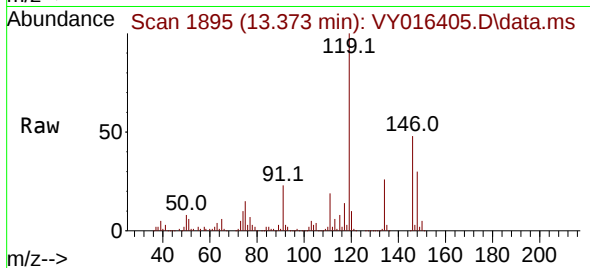
Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	63.0	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#88

1,4-Dichlorobenzene

Concen: 53.039 ug/l

RT: 13.452 min Scan# 1908

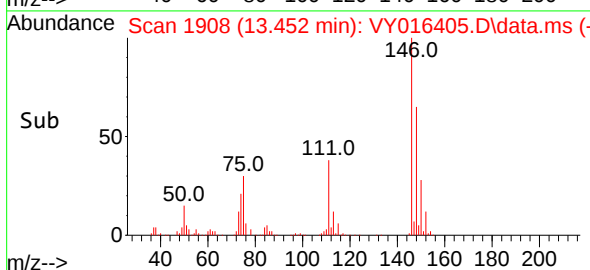
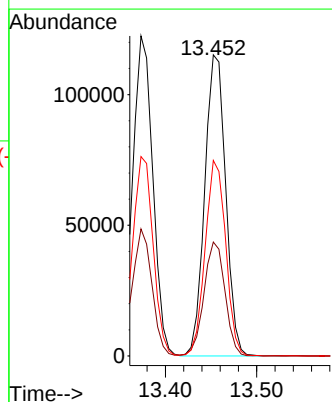
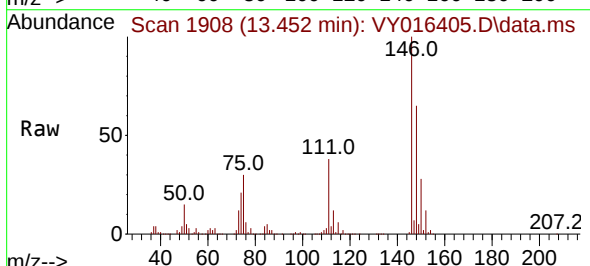
Delta R.T. -0.000 min

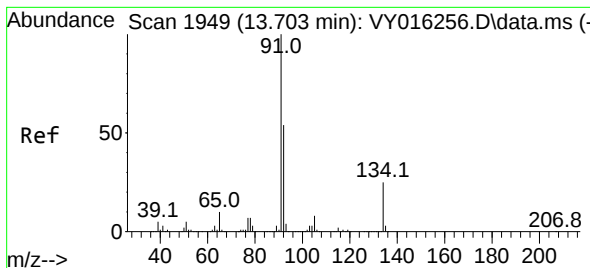
Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

Tgt Ion:146 Resp: 183532

Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.9	56.7
148	63.7	32.1	96.5





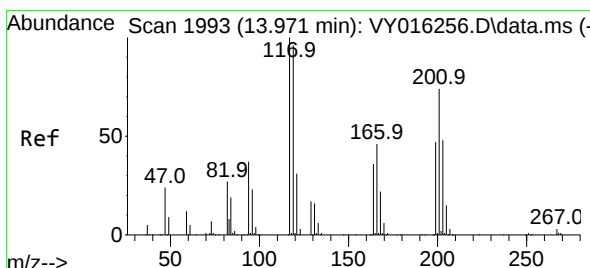
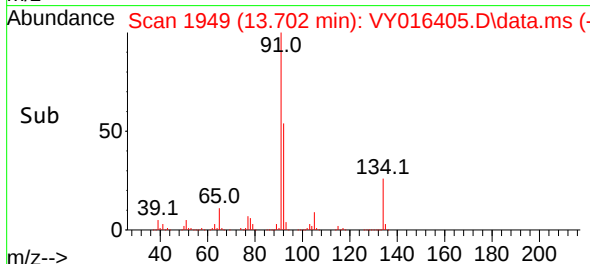
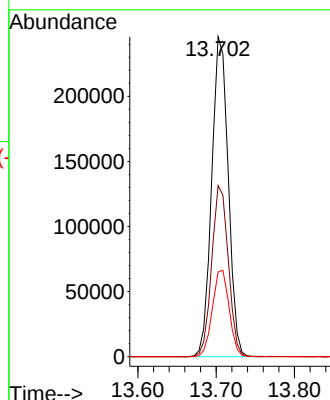
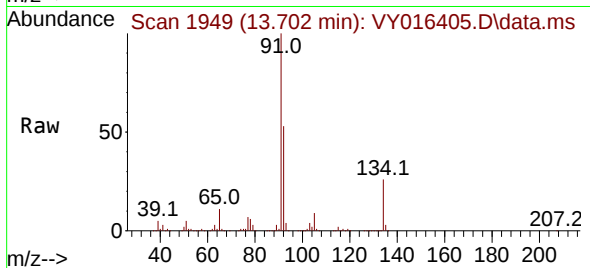
#89
n-Butylbenzene
Concen: 54.985 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 361223
Ion Ratio Lower Upper
91 100
92 53.5 25.4 76.0
134 27.4 12.6 37.6

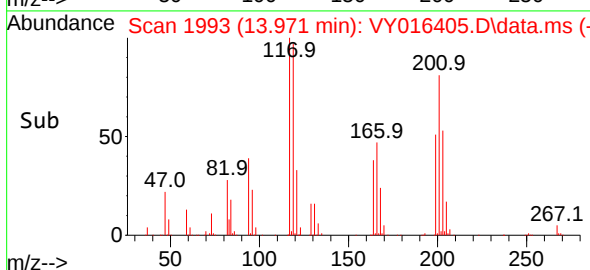
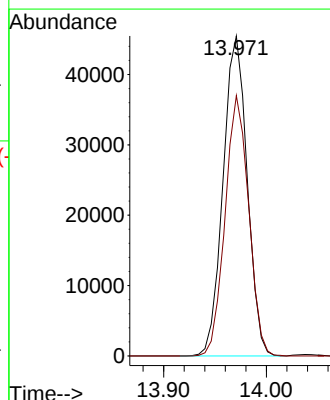
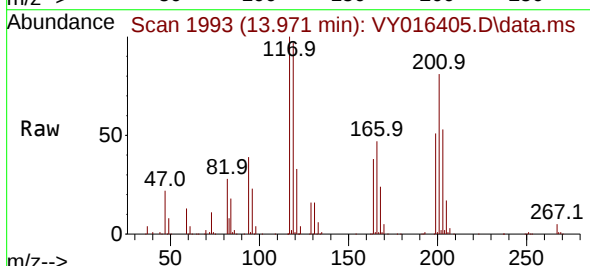
Manual Integrations
APPROVED

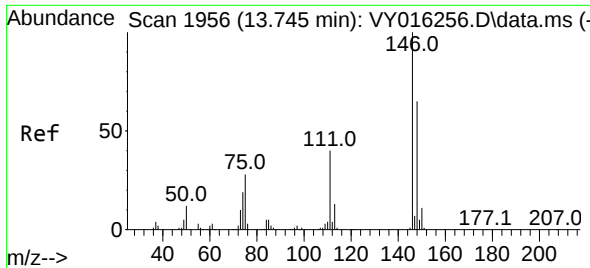
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#90
Hexachloroethane
Concen: 53.990 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Tgt Ion:117 Resp: 74088
Ion Ratio Lower Upper
117 100
201 79.4 41.6 124.8





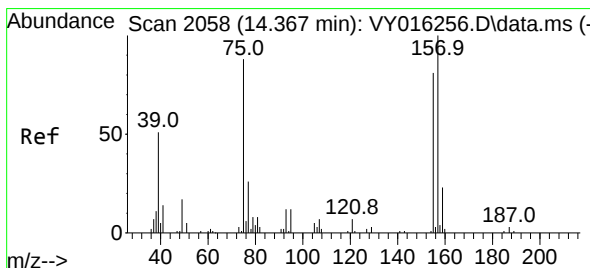
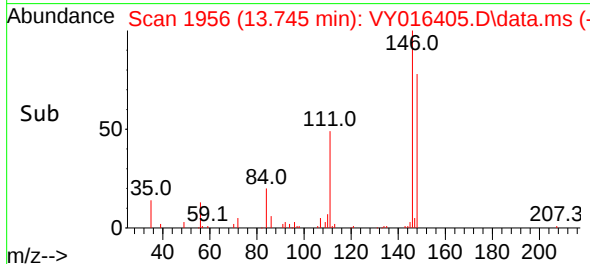
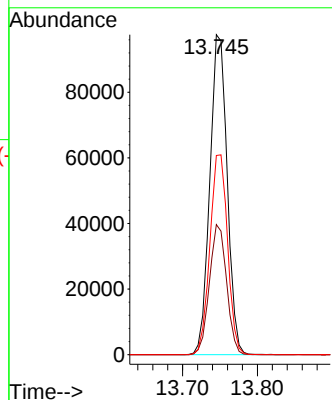
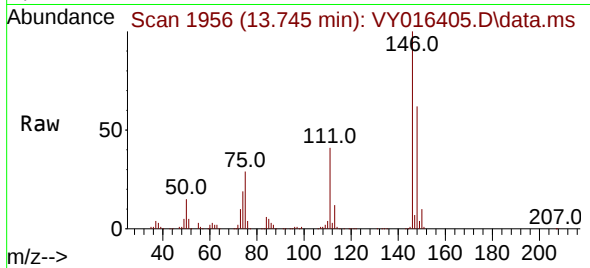
#91
1,2-Dichlorobenzene
Concen: 51.915 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 15751
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.0
148 63.7 32.0 96.2

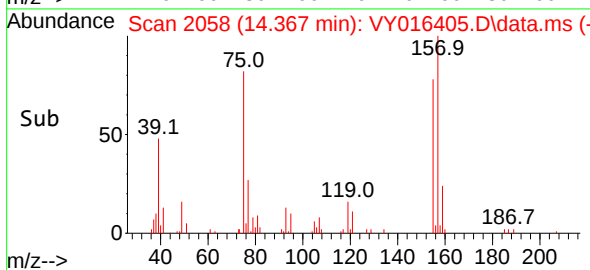
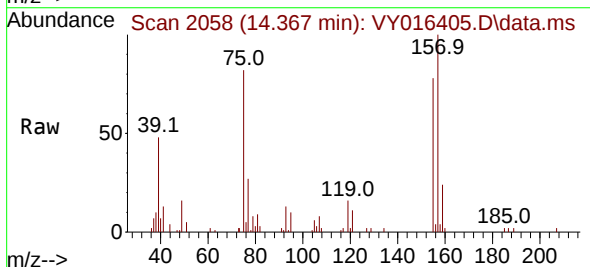
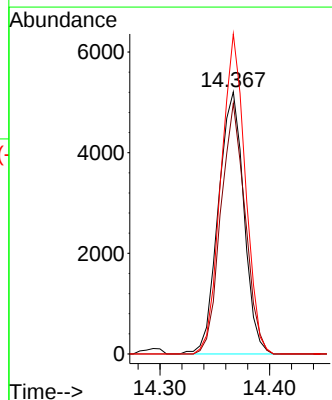
Manual Integrations
APPROVED

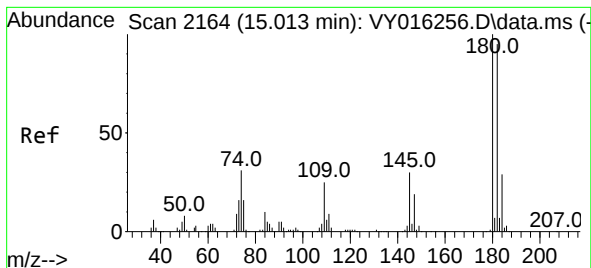
Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.483 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

Tgt Ion: 75 Resp: 8416
Ion Ratio Lower Upper
75 100
155 90.8 41.5 124.6
157 115.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 52.249 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

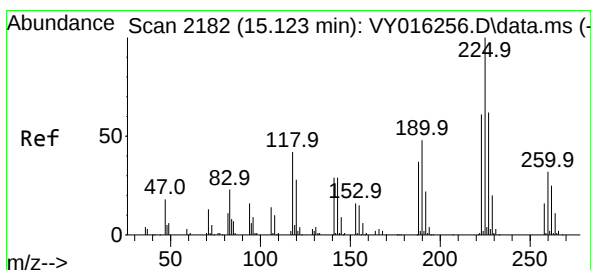
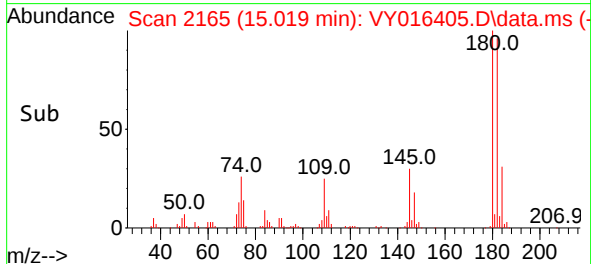
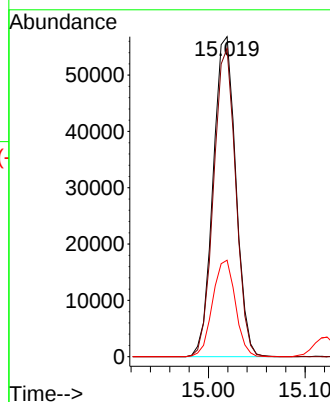
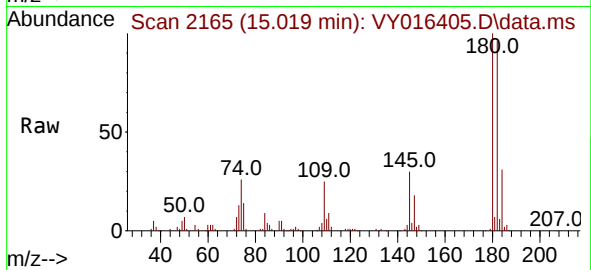
Tgt Ion:180	Resp:	9253
Ion Ratio	Lower	Upper
180	100	
182	93.8	47.0 141.2
145	30.2	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2023

Supervised By :Mahesh Dadoda 11/20/2023



#94

Hexachlorobutadiene

Concen: 57.813 ug/l

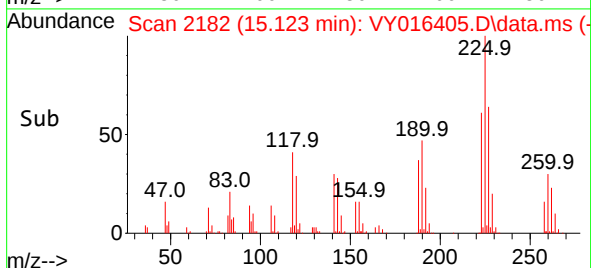
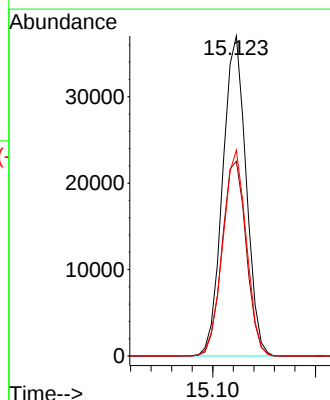
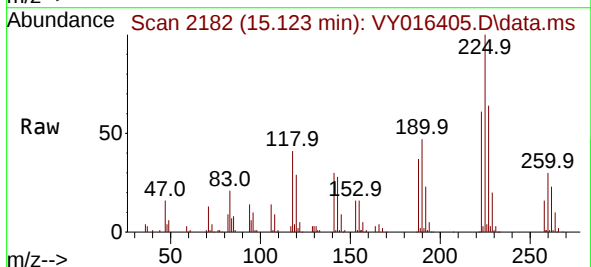
RT: 15.123 min Scan# 2182

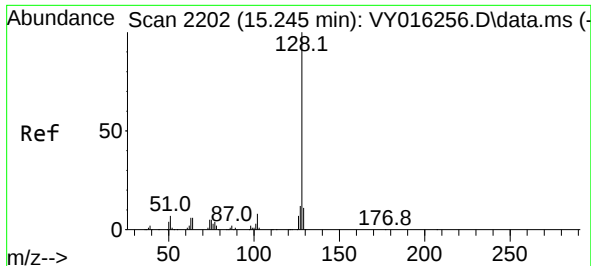
Delta R.T. -0.000 min

Lab File: VY016405.D

Acq: 17 Nov 2023 09:15

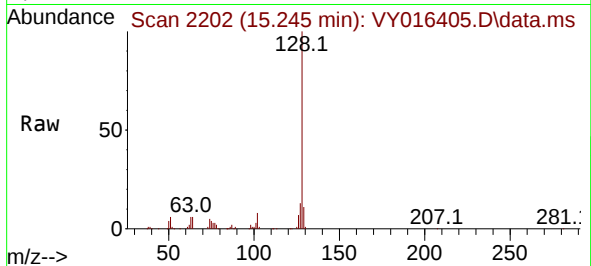
Tgt Ion:225	Resp:	58657
Ion Ratio	Lower	Upper
225	100	
223	62.8	31.9 95.9
227	64.6	33.0 98.9





#95
Naphthalene
Concen: 46.237 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15

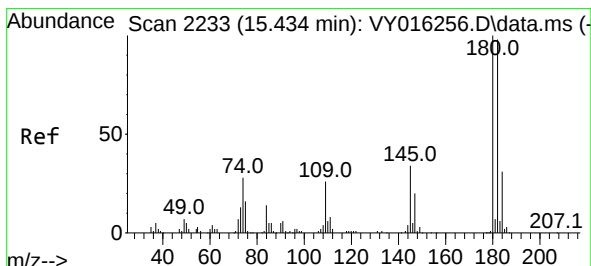
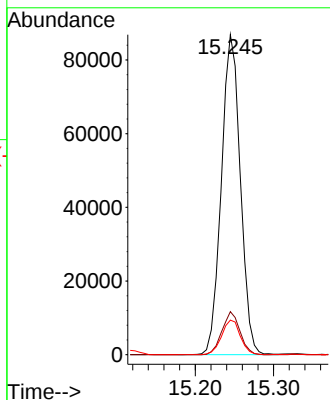
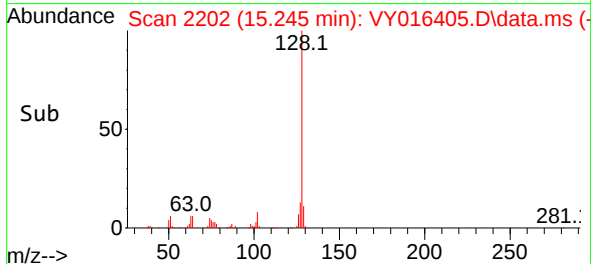
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



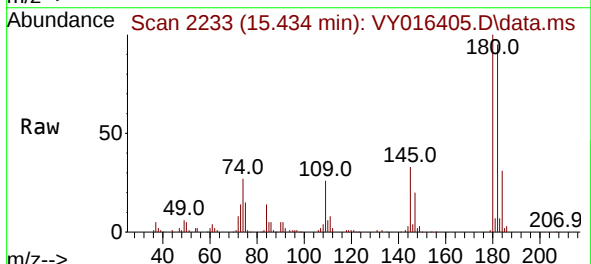
Tgt Ion:128 Resp: 14645
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/20/2023
Supervised By :Mahesh Dadoda 11/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.323 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY016405.D
Acq: 17 Nov 2023 09:15



Tgt Ion:180 Resp: 73713
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.8
145 32.2 15.4 46.2

