

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112723\
 Data File : VY016509.D
 Acq On : 27 Nov 2023 16:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/28/2023
 Supervised By : Mahesh Dadoda 11/28/2023

Quant Time: Nov 28 00:16:47 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	146847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	223548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	193965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	92711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60623	45.169	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.340%			
35) Dibromofluoromethane	7.728	113	71761	56.509	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.020%			
50) Toluene-d8	10.191	98	268307	52.102	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.200%			
62) 4-Bromofluorobenzene	12.495	95	90868	54.329	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	72599	50.490	ug/l	97
3) Chloromethane	2.119	50	72986	43.341	ug/l	97
4) Vinyl Chloride	2.259	62	85832	47.400	ug/l	97
5) Bromomethane	2.662	94	56451	47.437	ug/l	98
6) Chloroethane	2.802	64	53727	46.499	ug/l	98
7) Trichlorofluoromethane	3.137	101	141828	53.835	ug/l	96
8) Diethyl Ether	3.540	74	35434	45.003	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.905	101	80319	50.619	ug/l	97
10) Methyl Iodide	4.100	142	91447	53.362	ug/l	98
11) Tert butyl alcohol	4.972	59	17313	164.731	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	76754	51.723	ug/l	85
13) Acrolein	3.741	56	44595	351.785	ug/l	96
14) Allyl chloride	4.491	41	88217	41.892	ug/l #	88
15) Acrylonitrile	5.173	53	61580	197.074	ug/l	97
16) Acetone	3.954	43	37908	170.754	ug/l #	81
17) Carbon Disulfide	4.210	76	219369	48.995	ug/l	99
18) Methyl Acetate	4.484	43	45548	38.611	ug/l #	81
19) Methyl tert-butyl Ether	5.234	73	157314	43.800	ug/l	95
20) Methylene Chloride	4.728	84	81752	52.286	ug/l #	80
21) trans-1,2-Dichloroethene	5.234	96	86984	50.910	ug/l	88
22) Diisopropyl ether	6.131	45	185395	40.851	ug/l #	84
23) Vinyl Acetate	6.076	43	405759	184.520	ug/l #	86
24) 1,1-Dichloroethane	6.033	63	131105	46.827	ug/l	95
25) 2-Butanone	6.996	43	63828	164.145	ug/l #	78
26) 2,2-Dichloropropane	6.996	77	126416	49.611	ug/l	96
27) cis-1,2-Dichloroethene	7.002	96	93526	50.793	ug/l	86
28) Bromochloromethane	7.344	49	45676	44.081	ug/l #	66
29) Tetrahydrofuran	7.356	42	43657	169.860	ug/l #	76
30) Chloroform	7.521	83	145635	49.974	ug/l	98
31) Cyclohexane	7.795	56	112860	42.711	ug/l #	82
32) 1,1,1-Trichloroethane	7.716	97	139166	52.095	ug/l	94
36) 1,1-Dichloropropene	7.929	75	112991	51.242	ug/l	96
37) Ethyl Acetate	7.082	43	32114	36.045	ug/l #	92
38) Carbon Tetrachloride	7.911	117	132372	57.841	ug/l	99
39) Methylcyclohexane	9.197	83	144512	52.595	ug/l	86
40) Benzene	8.173	78	323122	52.157	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	14828	33.008	ug/l #	81
42) 1,2-Dichloroethane	8.246	62	77124	48.046	ug/l	90
43) Isopropyl Acetate	8.283	43	63311	36.762	ug/l #	82
44) Trichloroethene	8.953	130	99227	55.730	ug/l	95
45) 1,2-Dichloropropane	9.228	63	72377	48.646	ug/l	100
46) Dibromomethane	9.319	93	39858	49.436	ug/l	97
47) Bromodichloromethane	9.508	83	107199	51.717	ug/l	100
48) Methyl methacrylate	9.301	41	36018	37.842	ug/l #	76
49) 1,4-Dioxane	9.313	88	7506	876.909	ug/l #	60
51) 4-Methyl-2-Pentanone	10.081	43	156744	179.985	ug/l #	85
52) Toluene	10.252	92	209458	53.486	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	98626	49.082	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	122091	50.871	ug/l #	82
55) 1,1,2-Trichloroethane	10.654	97	56183	50.558	ug/l	96
56) Ethyl methacrylate	10.520	69	47514	45.294	ug/l #	74
57) 1,3-Dichloropropane	10.800	76	91669	48.393	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.794	63	161468	227.005	ug/l #	87
59) 2-Hexanone	10.843	43	106840	164.934	ug/l	79
60) Dibromochloromethane	10.996	129	75764	54.514	ug/l	100
61) 1,2-Dibromoethane	11.099	107	53559	50.589	ug/l	98
64) Tetrachloroethene	10.733	164	100940	57.958	ug/l	98
65) Chlorobenzene	11.526	112	224597	54.197	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	84689	55.407	ug/l	99
67) Ethyl Benzene	11.605	91	402044	53.983	ug/l	97
68) m/p-Xylenes	11.715	106	308295	109.138	ug/l	93
69) o-Xylene	12.044	106	144145	54.960	ug/l	94
70) Styrene	12.056	104	206111	54.883	ug/l	97
71) Bromoform	12.221	173	43135	54.387	ug/l #	96
73) Isopropylbenzene	12.343	105	395838	52.725	ug/l	98
74) N-amyl acetate	12.154	43	51212	33.960	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.593	83	52782	43.814	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	40095m	45.083	ug/l	
77) Bromobenzene	12.623	156	89874	52.967	ug/l	87
78) n-propylbenzene	12.684	91	453642	51.130	ug/l	96
79) 2-Chlorotoluene	12.770	91	249856	51.100	ug/l	97
80) 1,3,5-Trimethylbenzene	12.824	105	322781	53.326	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	17306	42.237	ug/l	90
82) 4-Chlorotoluene	12.867	91	257831	51.031	ug/l	97
83) tert-Butylbenzene	13.087	119	284262	53.317	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	313468	52.595	ug/l	97
85) sec-Butylbenzene	13.263	105	402347	52.824	ug/l	98
86) p-Isopropyltoluene	13.385	119	353266	53.863	ug/l	97
87) 1,3-Dichlorobenzene	13.379	146	171626	52.575	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	165335	51.824	ug/l	99
89) n-Butylbenzene	13.708	91	312351	51.569	ug/l	95
90) Hexachloroethane	13.977	117	66247	52.362	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	143668	51.360	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	7668	40.007	ug/l	84
93) 1,2,4-Trichlorobenzene	15.019	180	82863	50.749	ug/l	99
94) Hexachlorobutadiene	15.129	225	54647	58.419	ug/l	97
95) Naphthalene	15.251	128	129556	44.364	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	64749	47.944	ug/l	98

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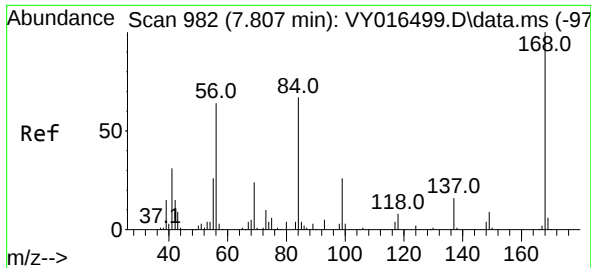
Manual Integrations
APPROVED

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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



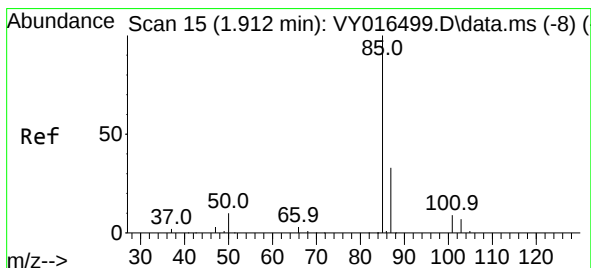
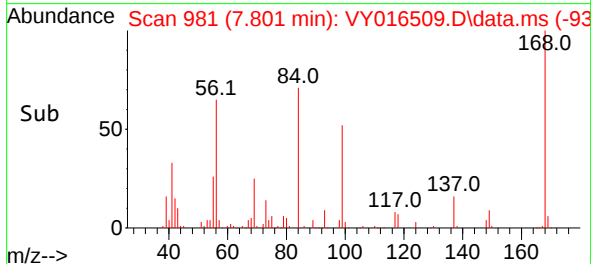
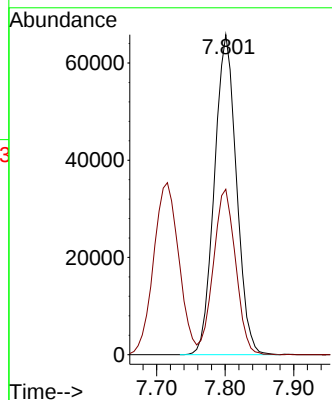
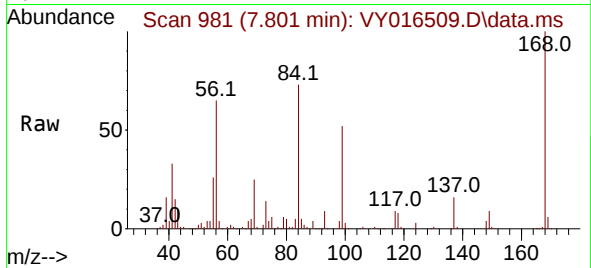
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016509.D
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Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 14684
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0

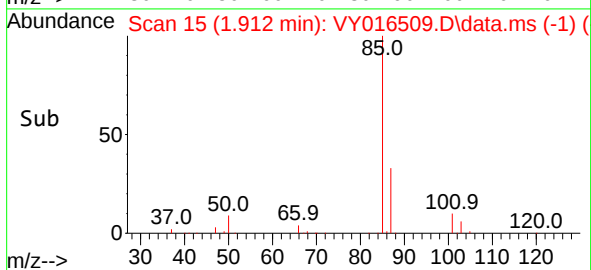
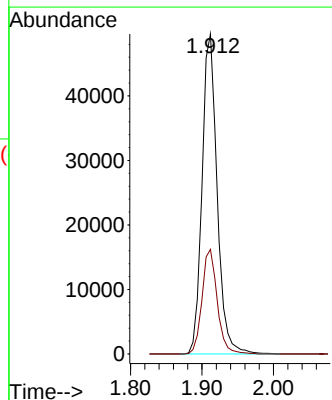
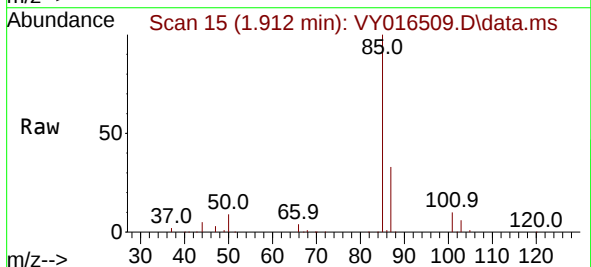
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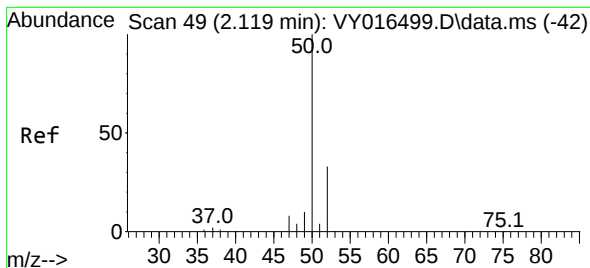
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#2
Dichlorodifluoromethane
Concen: 50.490 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

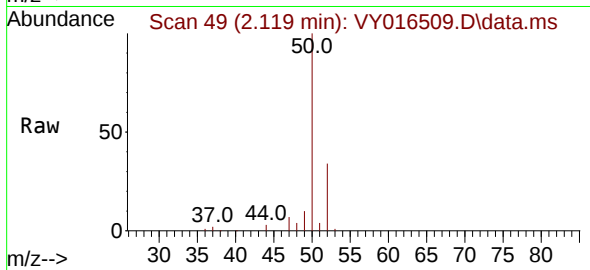
Tgt Ion: 85 Resp: 72599
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.8





#3
Chloromethane
Concen: 43.341 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

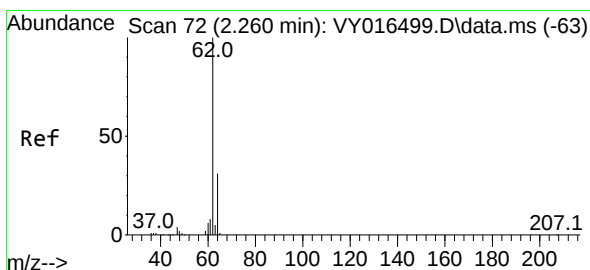
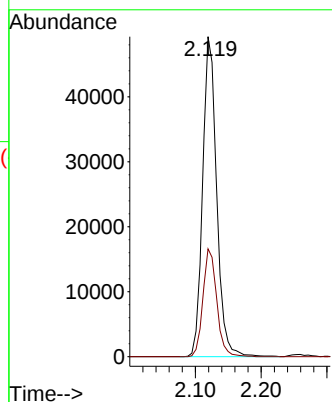
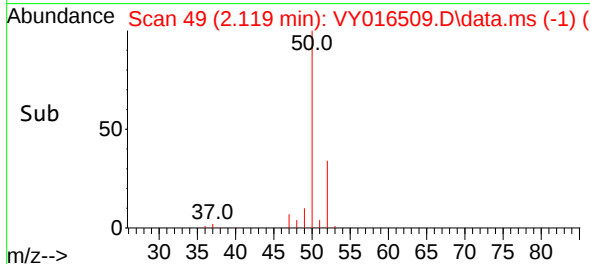
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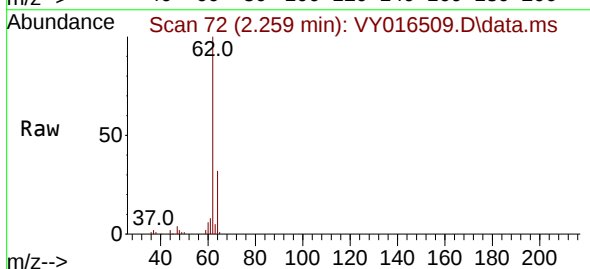
Tgt Ion: 50 Resp: 72980
Ion Ratio Lower Upper
50 100
52 33.7 25.4 38.2

Manual Integrations
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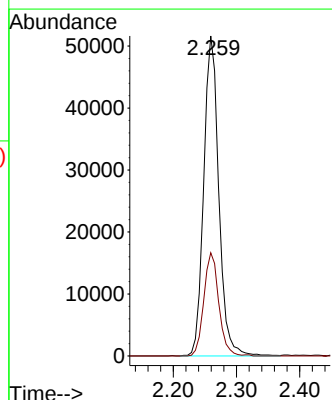
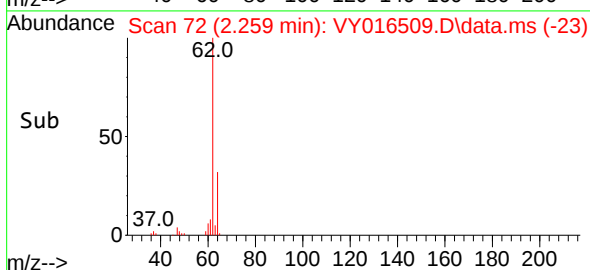
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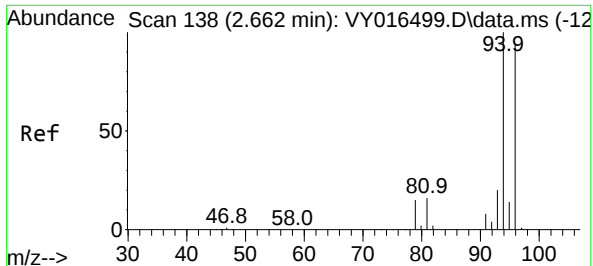


#4
Vinyl Chloride
Concen: 47.400 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56



Tgt Ion: 62 Resp: 85832
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5





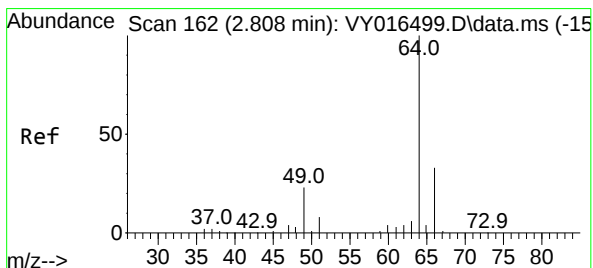
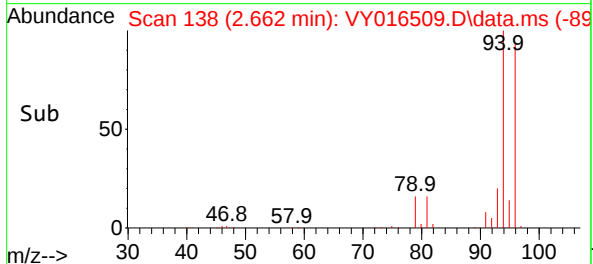
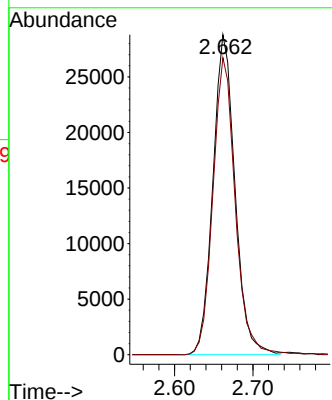
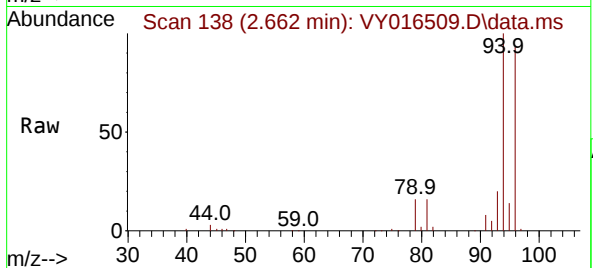
#5
Bromomethane
Concen: 47.437 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Instrument :
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Tgt Ion: 94 Resp: 5645
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.6

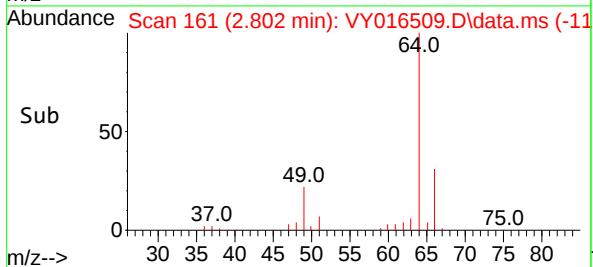
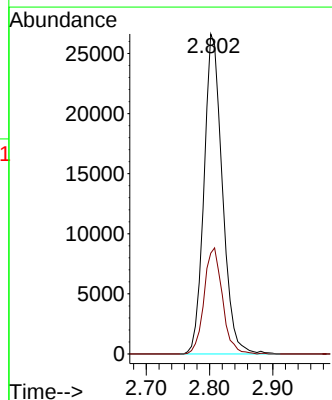
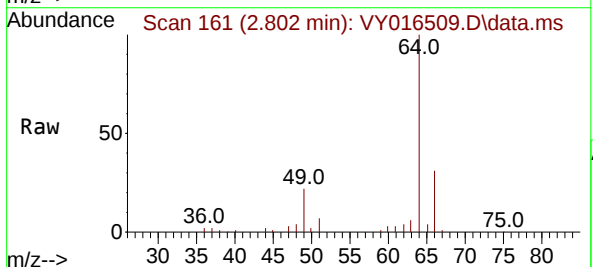
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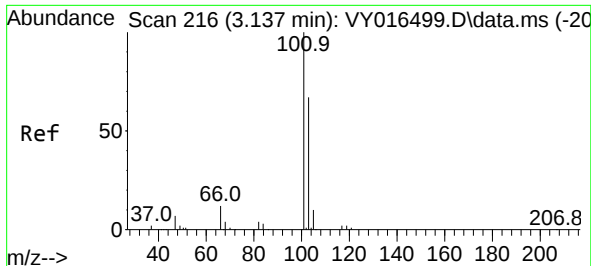
Reviewed By :John Carlone 11/28/2023
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#6
Chloroethane
Concen: 46.499 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY016509.D
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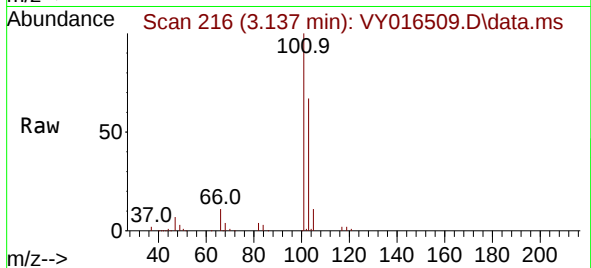
Tgt Ion: 64 Resp: 53727
Ion Ratio Lower Upper
64 100
66 31.5 24.4 36.6





#7
Trichlorofluoromethane
Concen: 53.835 ug/l
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
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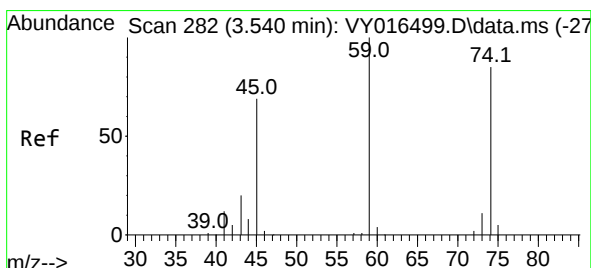
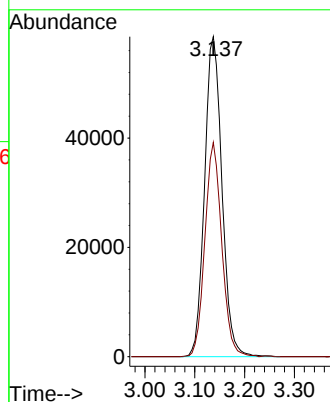
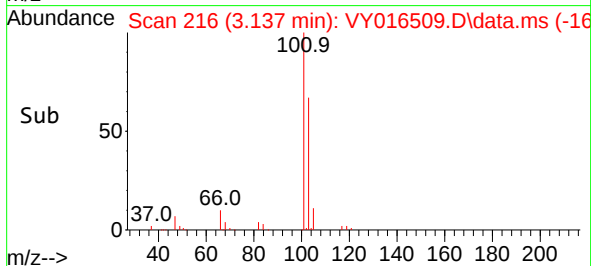
Instrument :
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Tgt Ion:101 Resp: 141828
Ion Ratio Lower Upper
101 100
103 67.0 51.4 77.0

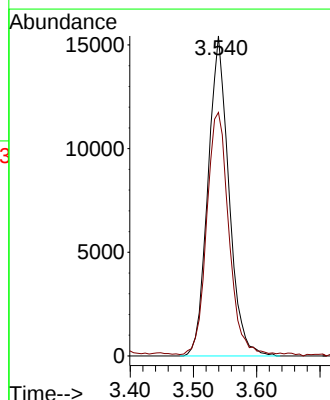
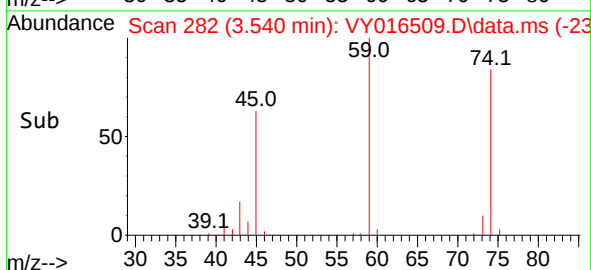
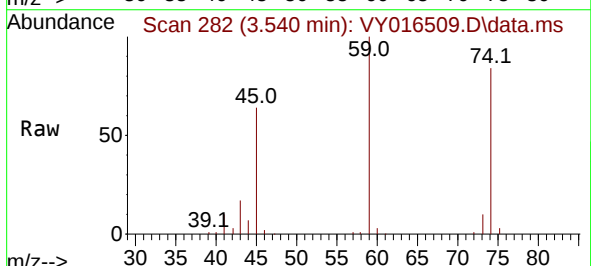
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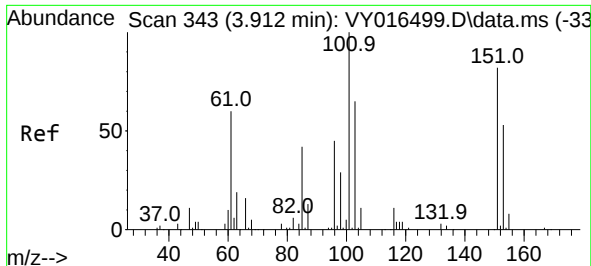
Reviewed By :John Carlone 11/28/2023
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#8
Diethyl Ether
Concen: 45.003 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Tgt Ion: 74 Resp: 35434
Ion Ratio Lower Upper
74 100
45 79.8 51.5 154.5





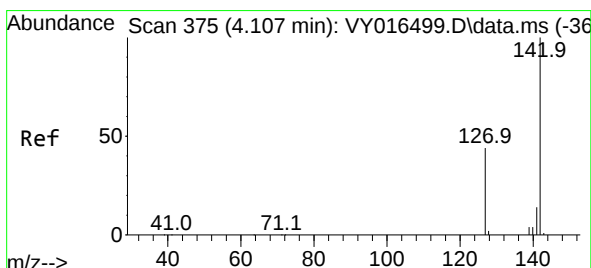
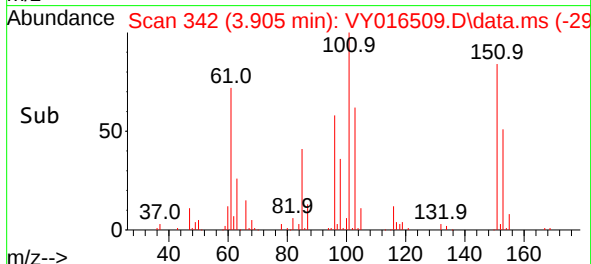
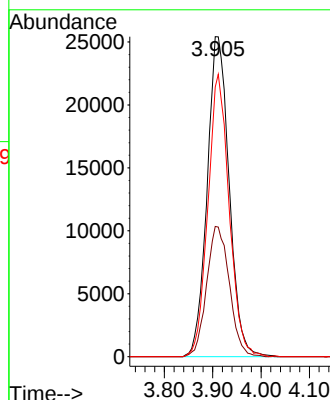
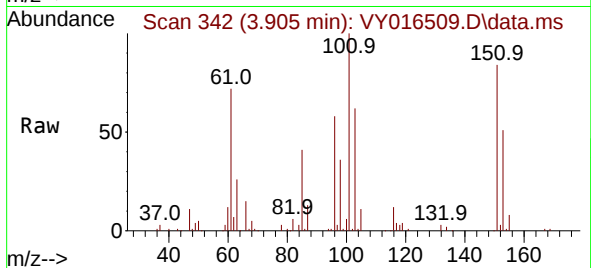
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.619 ug/l
RT: 3.905 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 80319
Ion Ratio Lower Upper
101 100
85 42.1 36.6 55.0
151 85.3 67.0 100.6

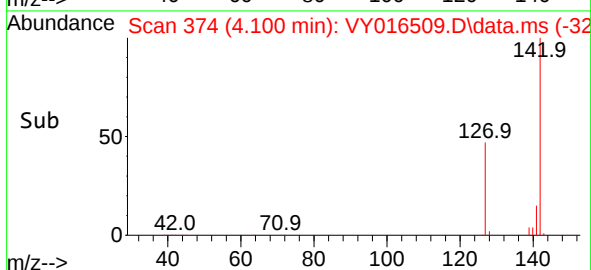
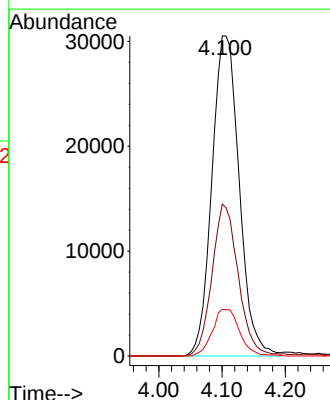
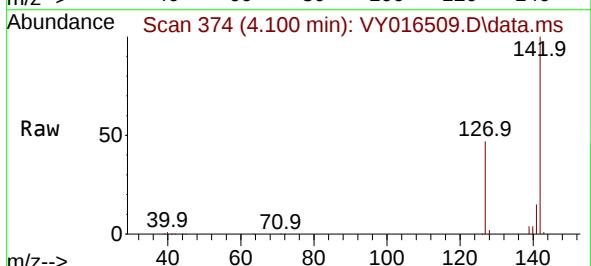
Manual Integrations
APPROVED

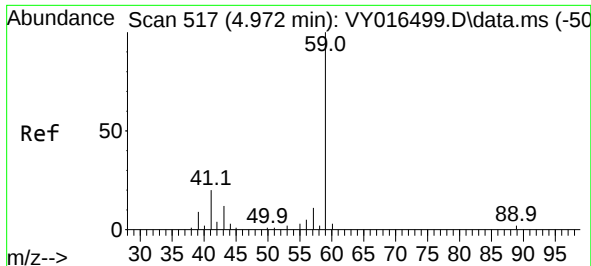
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#10
Methyl Iodide
Concen: 53.362 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Tgt Ion:142 Resp: 91447
Ion Ratio Lower Upper
142 100
127 45.8 37.6 56.4
141 14.5 11.8 17.8





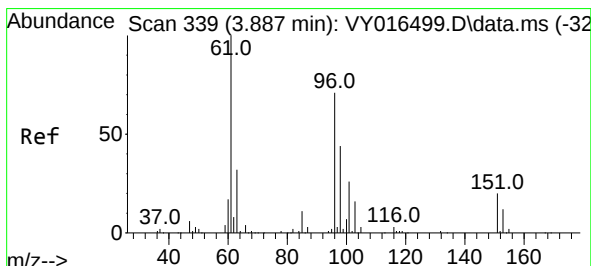
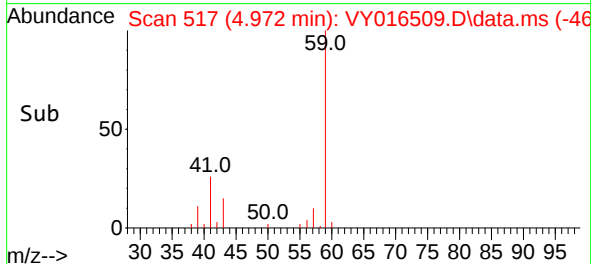
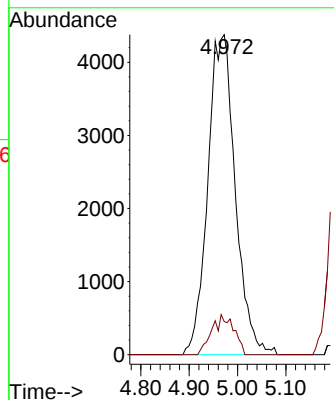
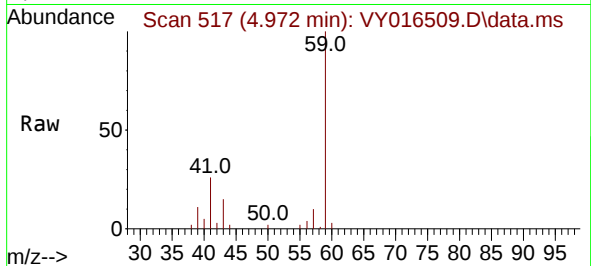
#11
Tert butyl alcohol
Concen: 164.731 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 1731
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.4

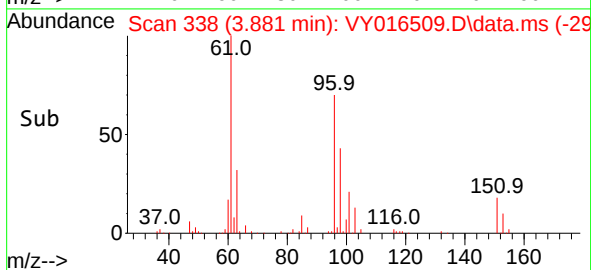
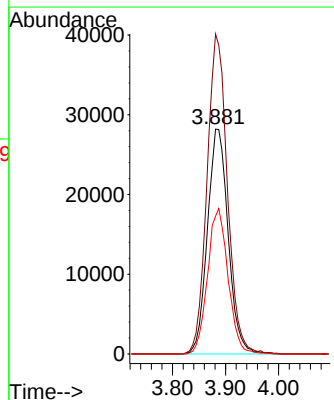
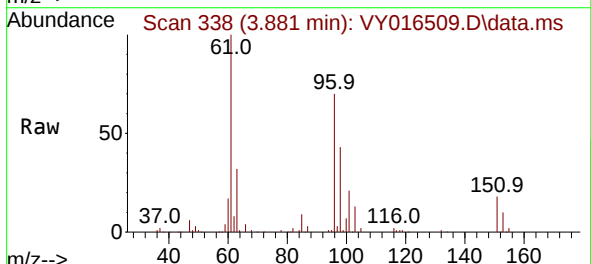
Manual Integrations
APPROVED

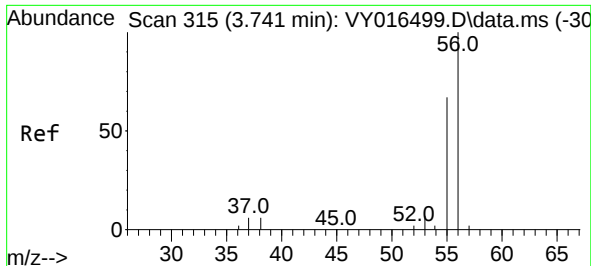
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#12
1,1-Dichloroethene
Concen: 51.723 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

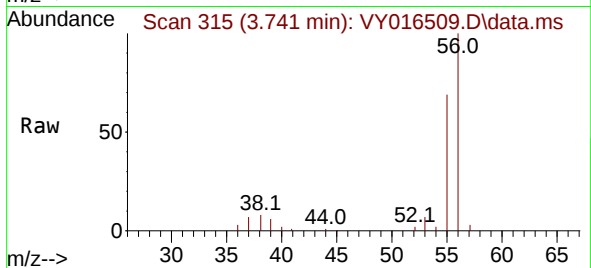
Tgt Ion: 96 Resp: 76754
Ion Ratio Lower Upper
96 100
61 142.3 136.4 204.6
98 61.2 49.4 74.2





#13
Acrolein
Concen: 351.785 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

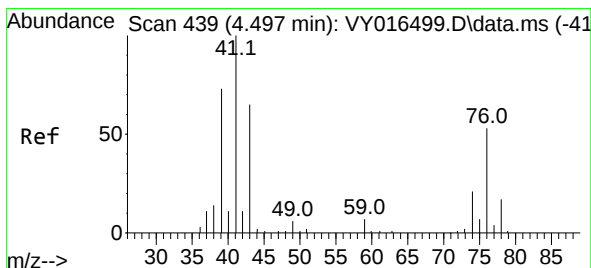
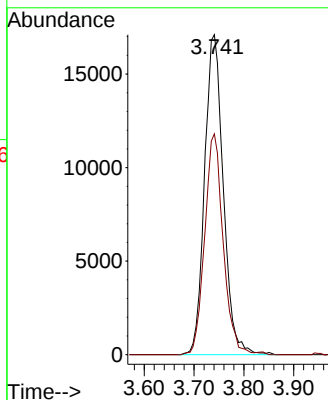
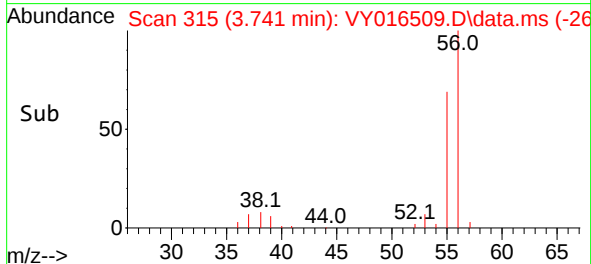
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 4459
Ion Ratio Lower Upper
56 100
55 68.0 57.0 85.4

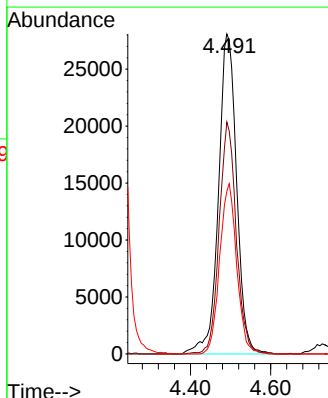
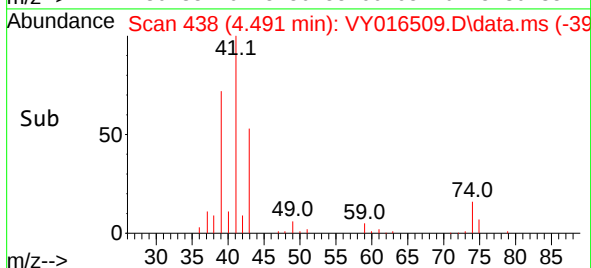
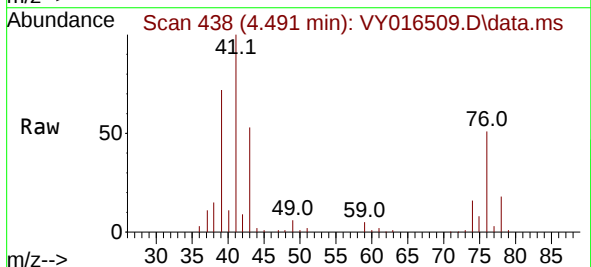
Manual Integrations
APPROVED

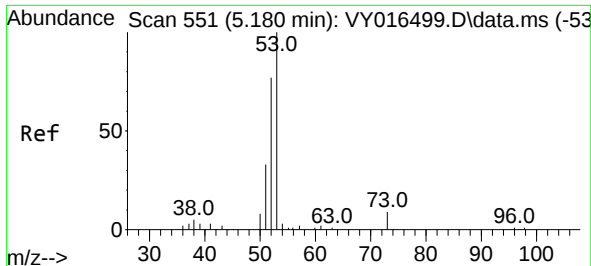
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#14
Allyl chloride
Concen: 41.892 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

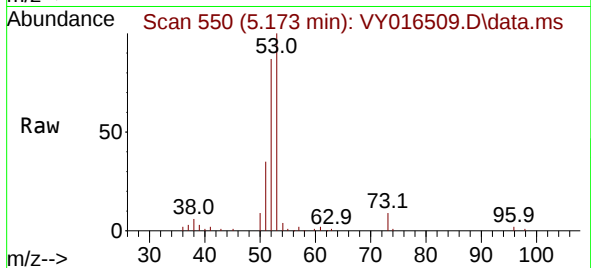
Tgt Ion: 41 Resp: 88217
Ion Ratio Lower Upper
41 100
39 68.2 58.0 87.0
76 49.9 27.4 41.2#





#15
Acrylonitrile
Concen: 197.074 ug/l
RT: 5.173 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

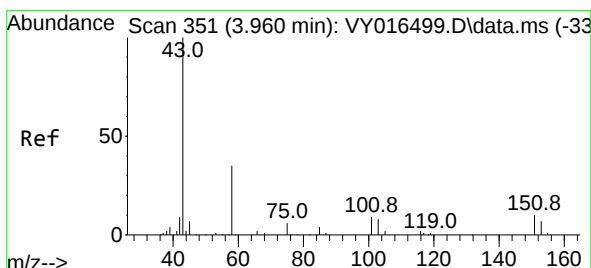
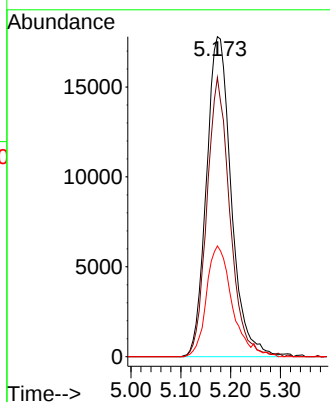
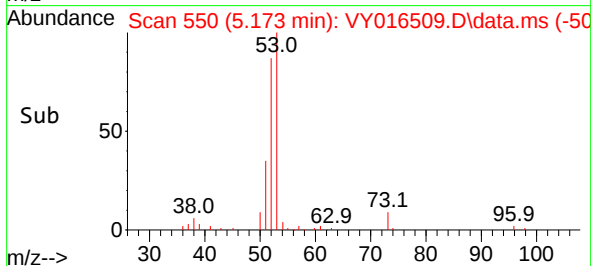
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 61580
Ion Ratio Lower Upper
53 100
52 80.4 66.9 100.3
51 35.9 29.8 44.6

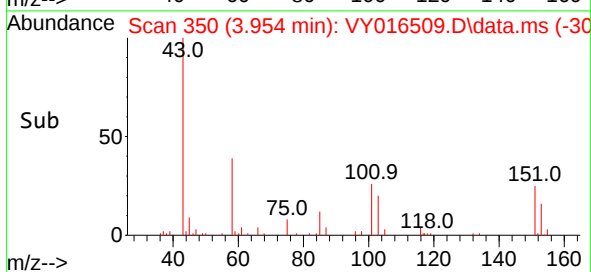
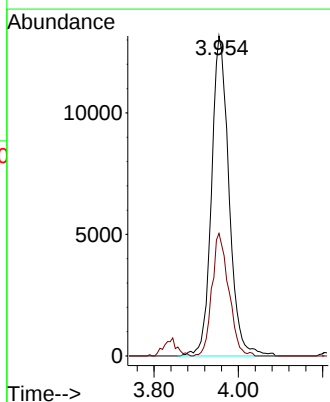
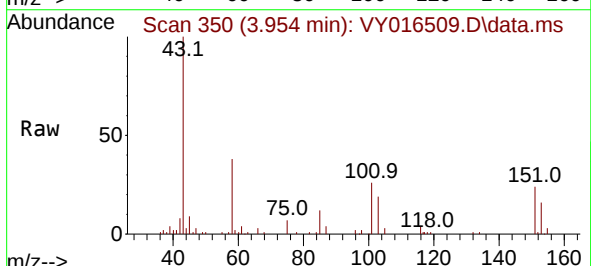
Manual Integrations
APPROVED

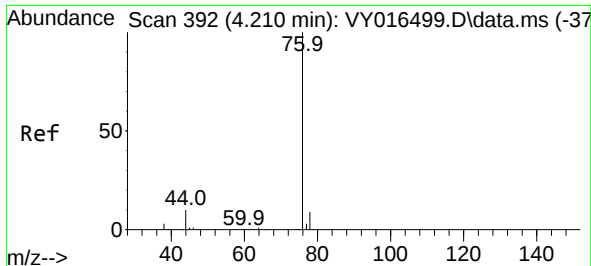
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#16
Acetone
Concen: 170.754 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

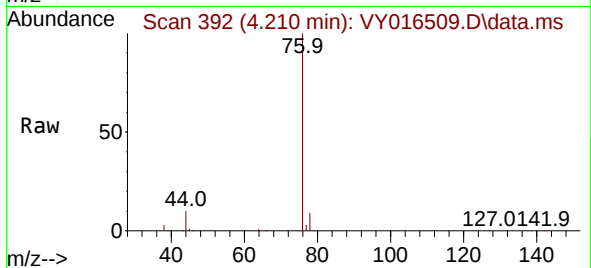
Tgt Ion: 43 Resp: 37908
Ion Ratio Lower Upper
43 100
58 38.3 22.7 34.1#





#17
Carbon Disulfide
Concen: 48.995 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

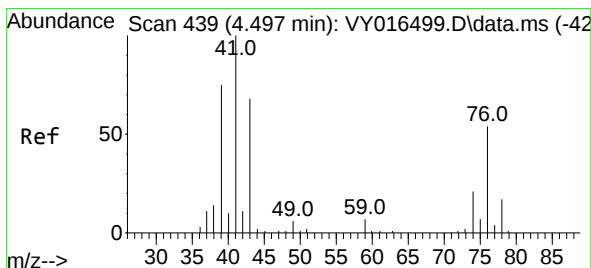
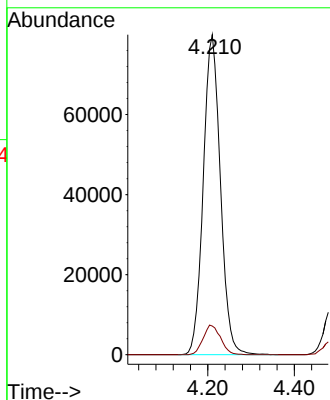
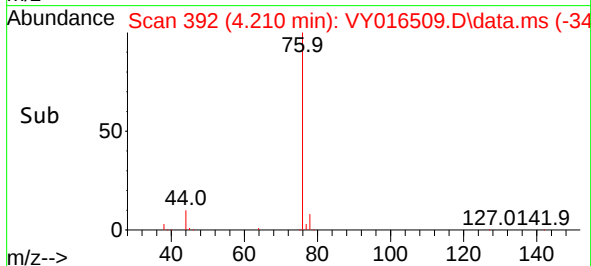
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 21936
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

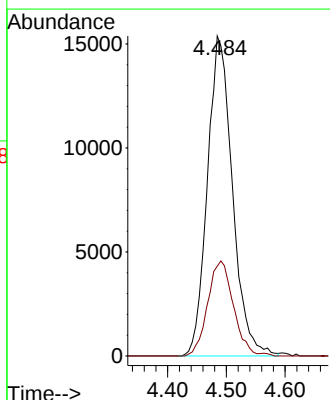
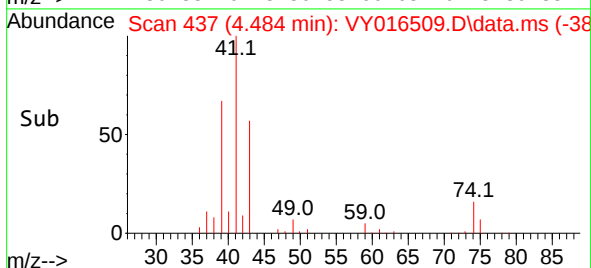
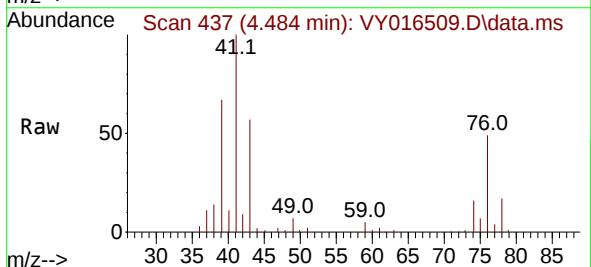
Manual Integrations
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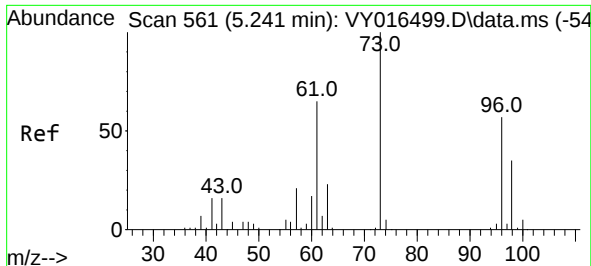
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#18
Methyl Acetate
Concen: 38.611 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Tgt Ion: 43 Resp: 45548
Ion Ratio Lower Upper
43 100
74 30.5 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 43.800 ug/l

RT: 5.234 min Scan# 50

Delta R.T. -0.000 min

Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 157314

Ion Ratio Lower Upper

73 100

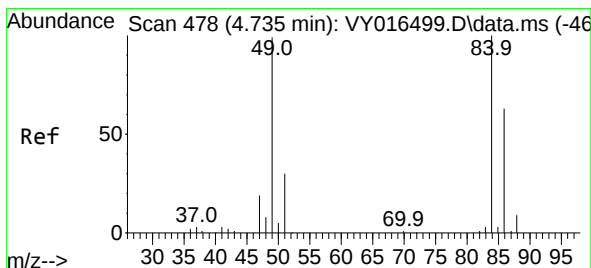
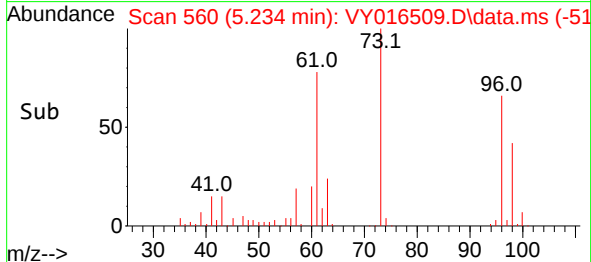
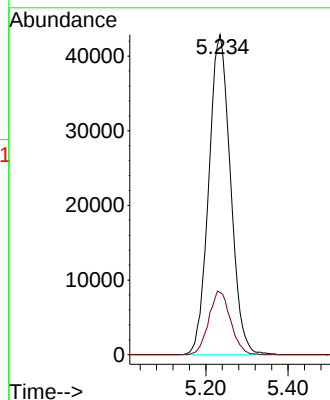
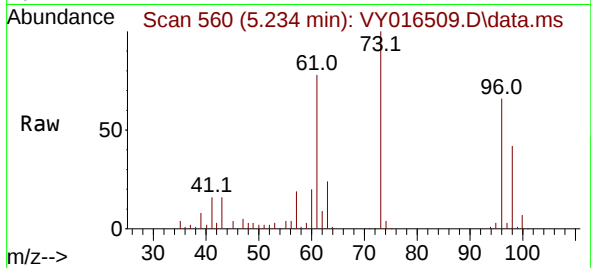
57 19.5 17.3 25.9

Manual Integrations

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Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#20

Methylene Chloride

Concen: 52.286 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

Tgt Ion: 84 Resp: 81752

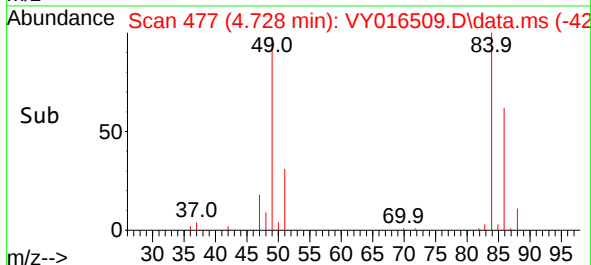
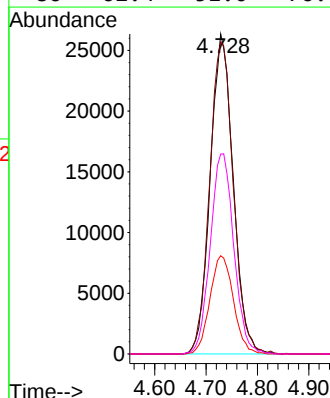
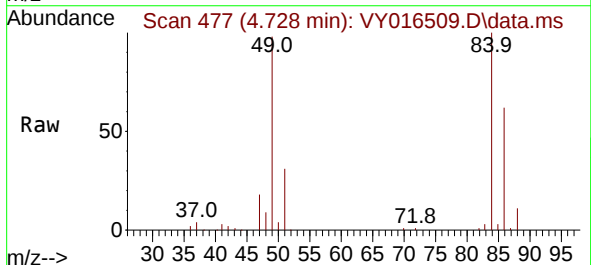
Ion Ratio Lower Upper

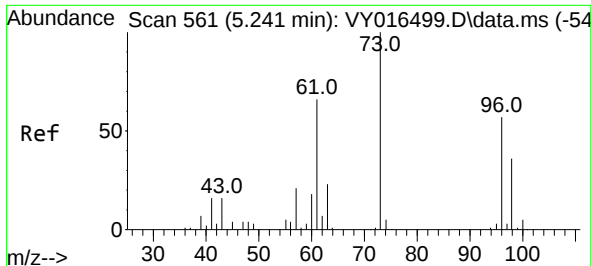
84 100

49 97.6 106.9 160.3#

51 30.7 33.2 49.8#

86 62.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 50.910 ug/l

RT: 5.234 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 86984

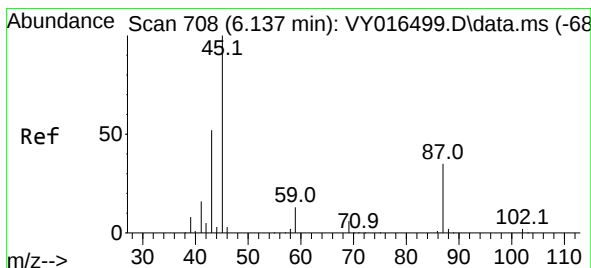
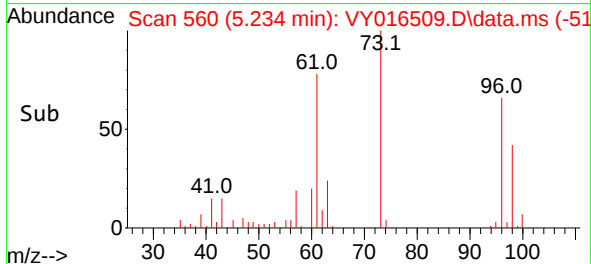
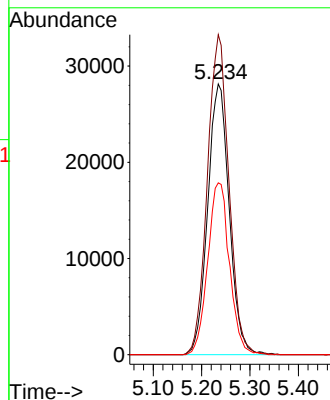
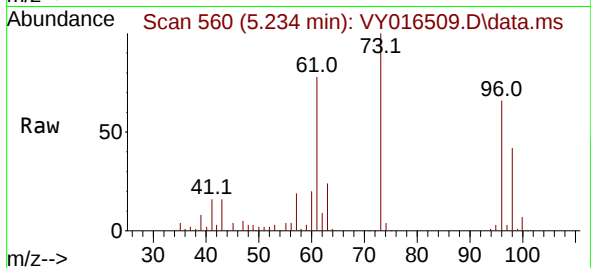
Ion	Ratio	Lower	Upper
96	100		
61	118.2	110.2	165.4
98	63.4	51.8	77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#22

Diisopropyl ether

Concen: 40.851 ug/l

RT: 6.131 min Scan# 707

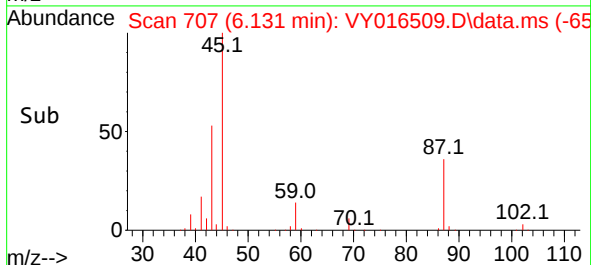
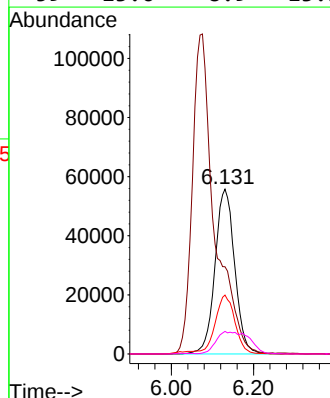
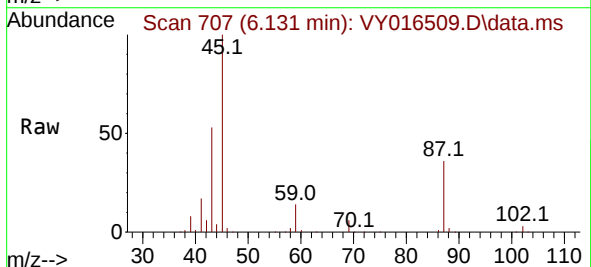
Delta R.T. -0.006 min

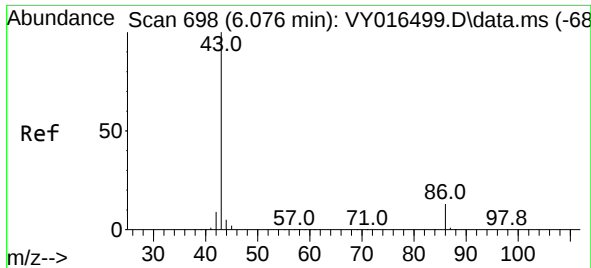
Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

Tgt Ion: 45 Resp: 185395

Ion	Ratio	Lower	Upper
45	100		
43	52.3	52.2	78.4
87	35.7	21.0	31.6#
59	13.6	8.9	13.3#





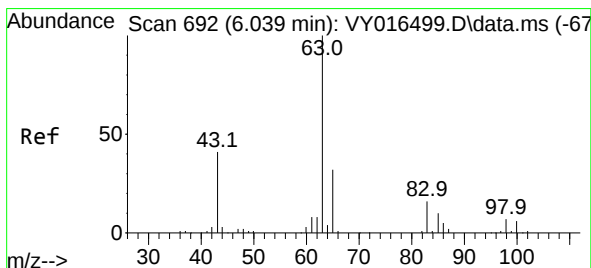
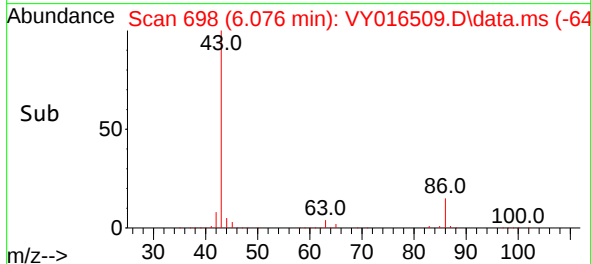
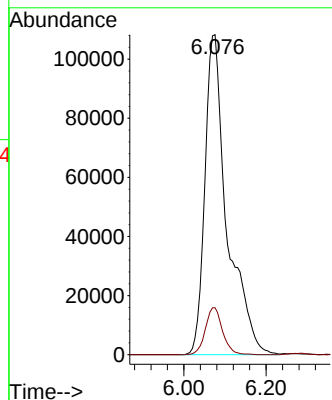
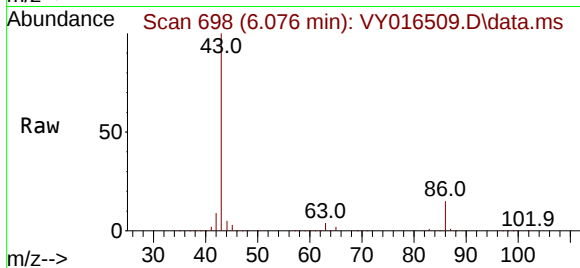
#23
 Vinyl Acetate
 Concen: 184.520 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016509.D
 Acq: 27 Nov 2023 16:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 40575
 Ion Ratio Lower Upper
 43 100
 86 14.7 7.5 11.3

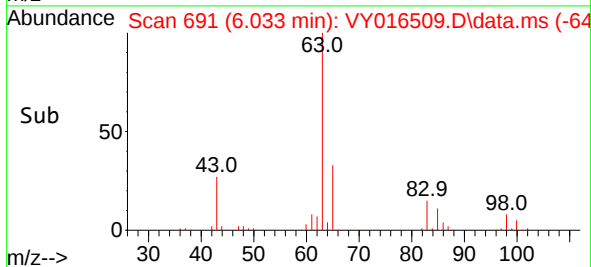
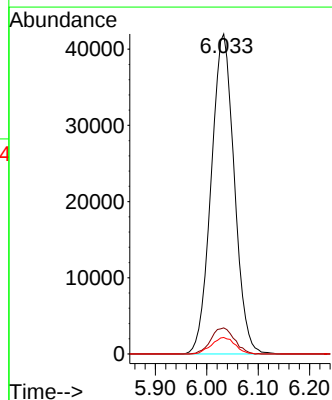
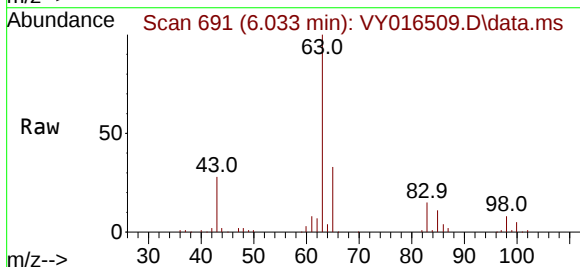
Manual Integrations
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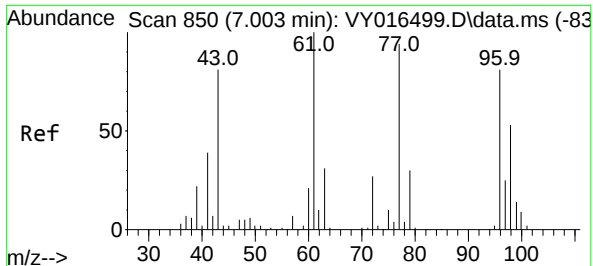
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#24
 1,1-Dichloroethane
 Concen: 46.827 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY016509.D
 Acq: 27 Nov 2023 16:56

Tgt Ion: 63 Resp: 131105
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.1 9.4
 100 5.2 1.8 5.5





#25

2-Butanone

Concen: 164.145 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 63828

Ion Ratio Lower Upper

43 100

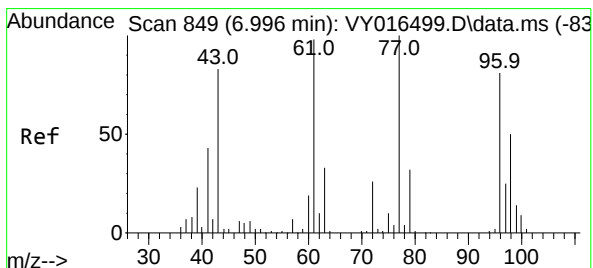
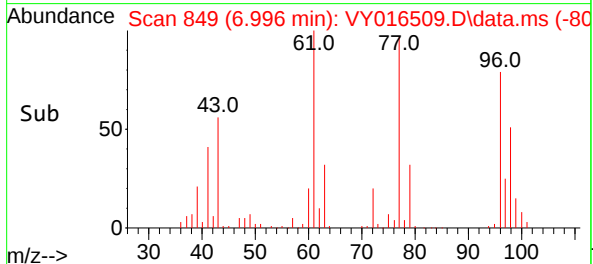
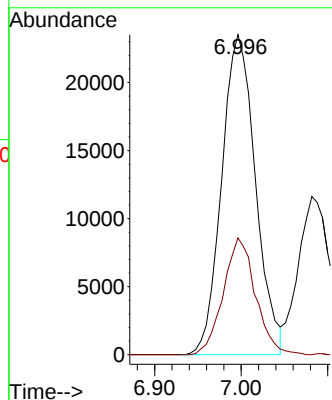
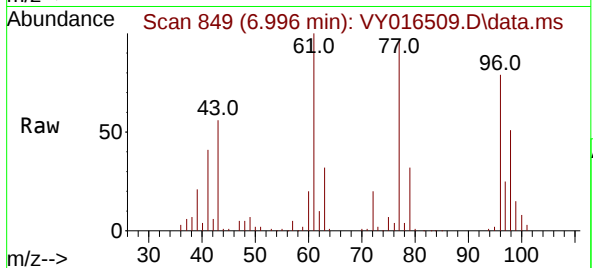
72 36.5 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#26

2,2-Dichloropropane

Concen: 49.611 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016509.D

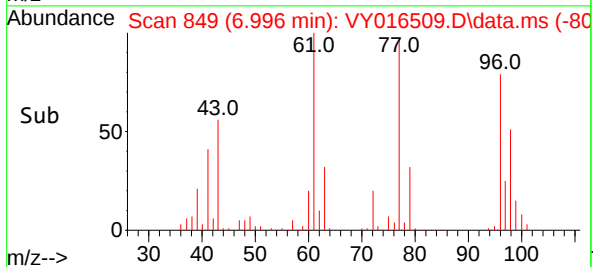
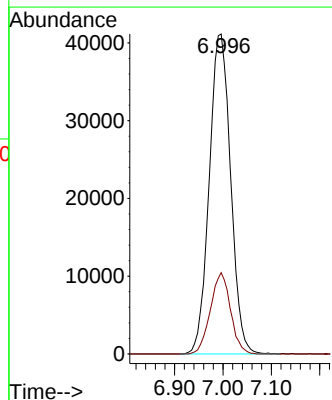
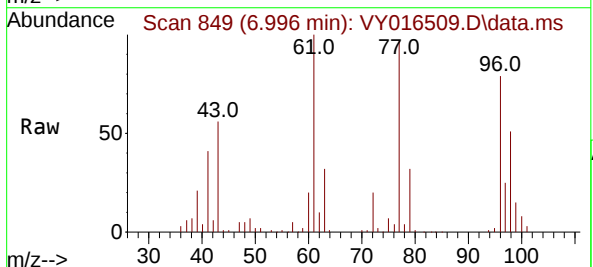
Acq: 27 Nov 2023 16:56

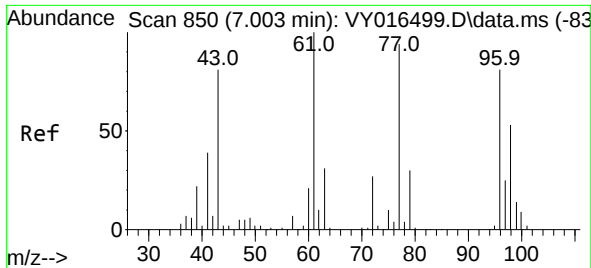
Tgt Ion: 77 Resp: 126416

Ion Ratio Lower Upper

77 100

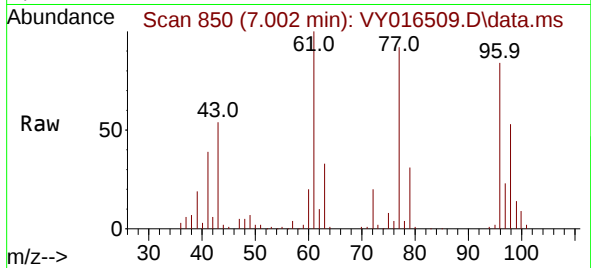
97 23.9 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 50.793 ug/l
 RT: 7.002 min Scan# 850
 Delta R.T. -0.000 min
 Lab File: VY016509.D
 Acq: 27 Nov 2023 16:56

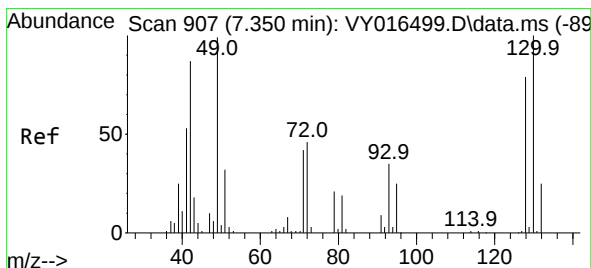
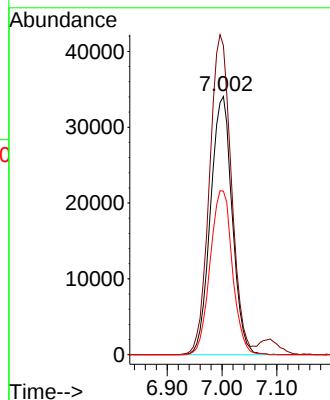
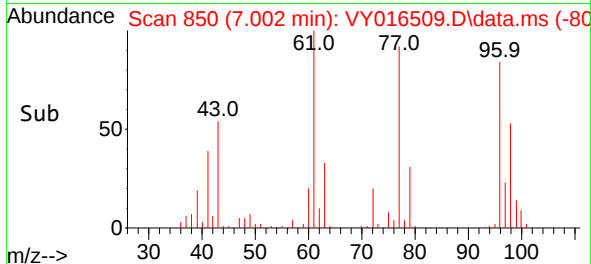
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



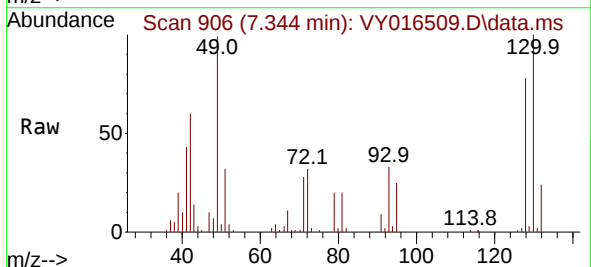
Tgt Ion: 96 Resp: 93520
 Ion Ratio Lower Upper
 96 100
 61 125.6 0.0 301.4
 98 65.2 0.0 130.4

Manual Integrations
 APPROVED

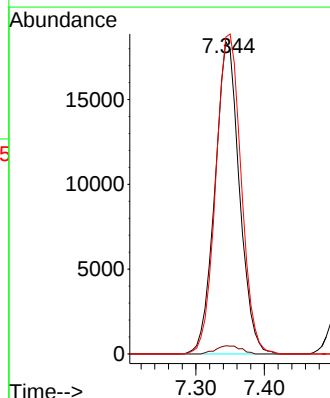
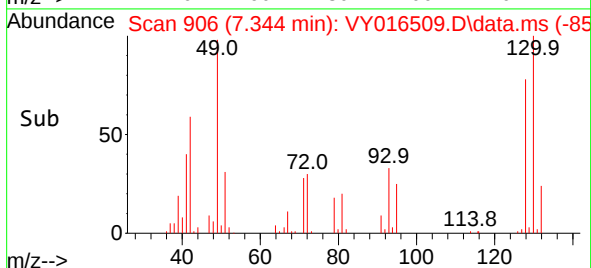
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023

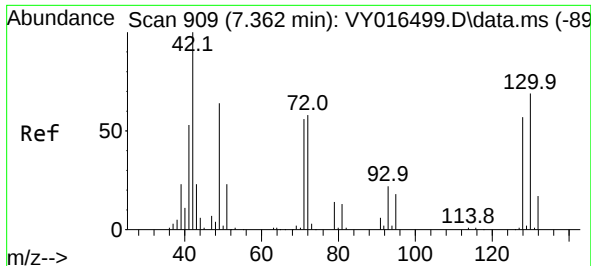


#28
 Bromochloromethane
 Concen: 44.081 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY016509.D
 Acq: 27 Nov 2023 16:56



Tgt Ion: 49 Resp: 45676
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.6
 130 105.6 60.7 91.1#





#29

Tetrahydrofuran

Concen: 169.860 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 4365

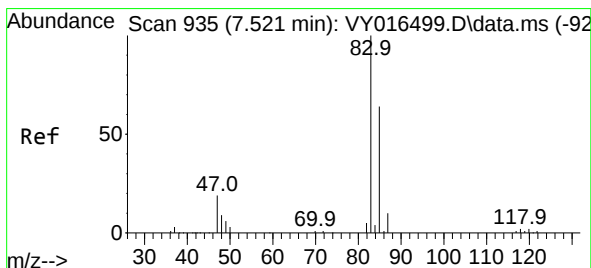
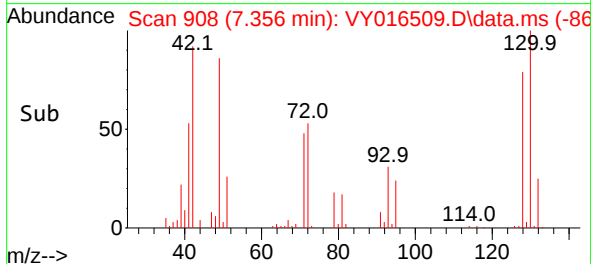
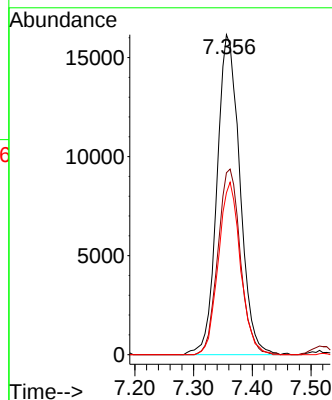
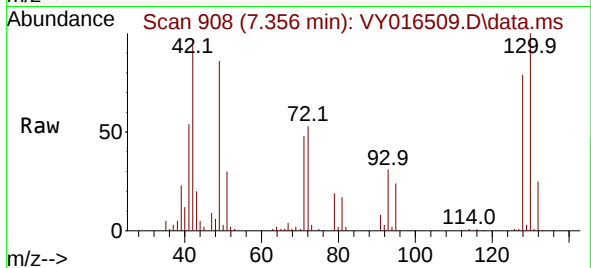
Ion	Ratio	Lower	Upper
42	100		
72	57.2	32.8	49.2
71	52.2	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#30

Chloroform

Concen: 49.974 ug/l

RT: 7.521 min Scan# 935

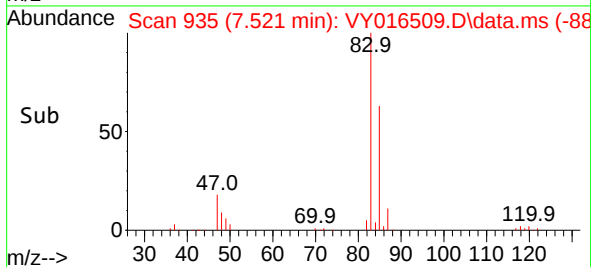
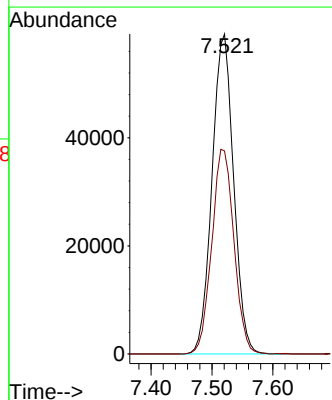
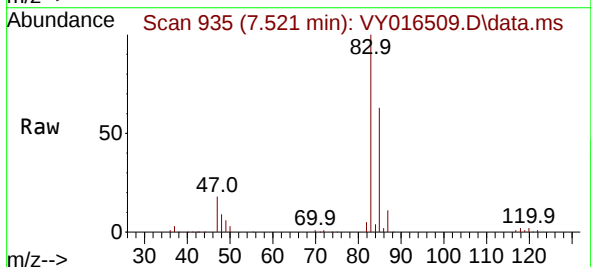
Delta R.T. -0.000 min

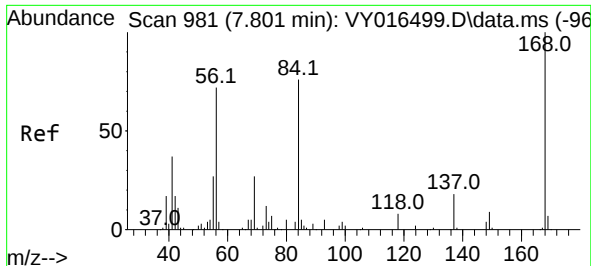
Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

Tgt Ion: 83 Resp: 145635

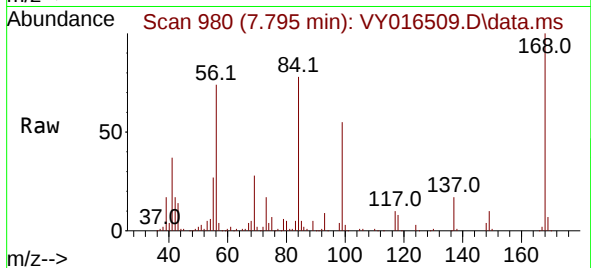
Ion	Ratio	Lower	Upper
83	100		
85	63.5	49.7	74.5





#31
Cyclohexane
Concen: 42.711 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

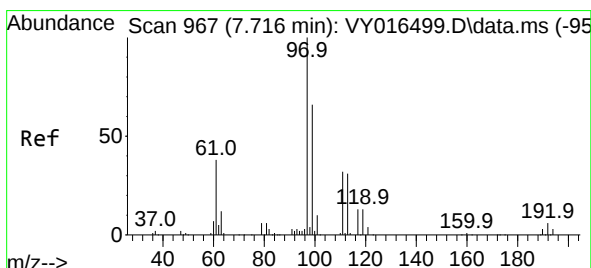
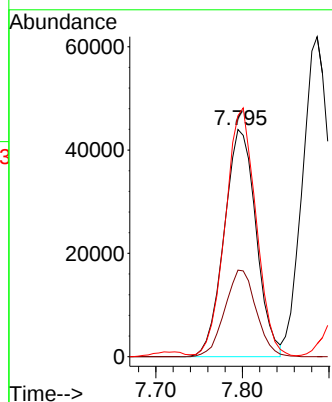
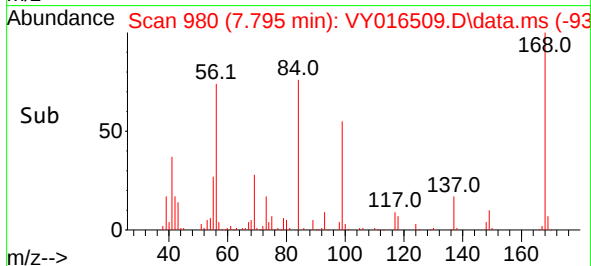
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 112860
Ion Ratio Lower Upper
56 100
69 38.1 27.8 41.6
84 104.2 66.4 99.6

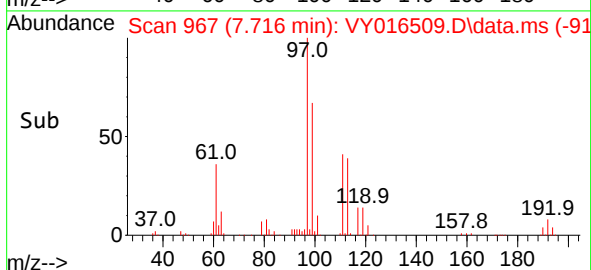
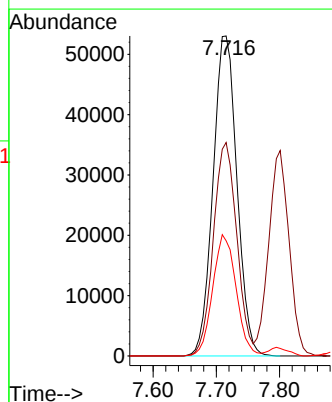
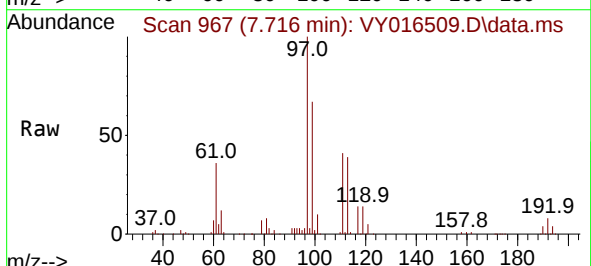
Manual Integrations
APPROVED

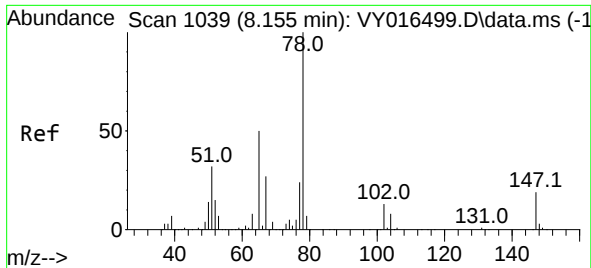
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#32
1,1,1-Trichloroethane
Concen: 52.095 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Tgt Ion: 97 Resp: 139166
Ion Ratio Lower Upper
97 100
99 65.4 50.8 76.2
61 37.1 35.1 52.7





#33
 1,2-Dichloroethane-d4
 Concen: 45.169 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016509.D
 Acq: 27 Nov 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

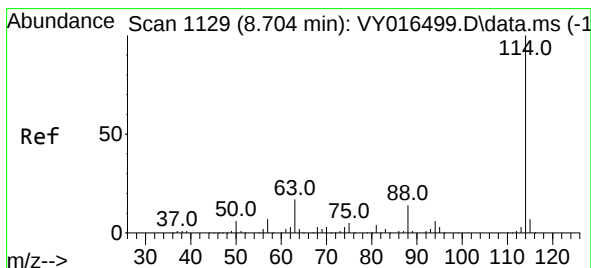
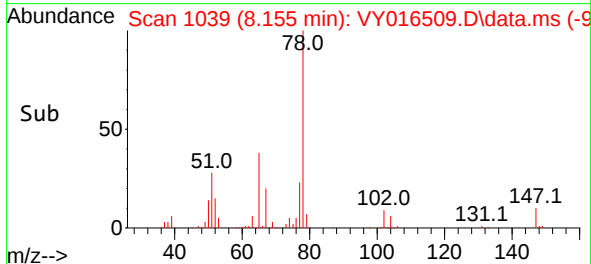
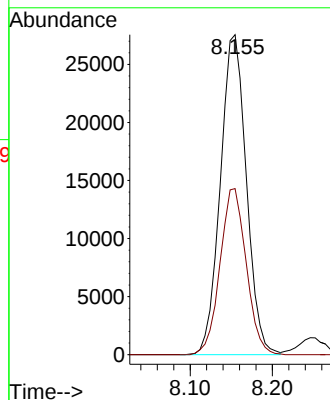
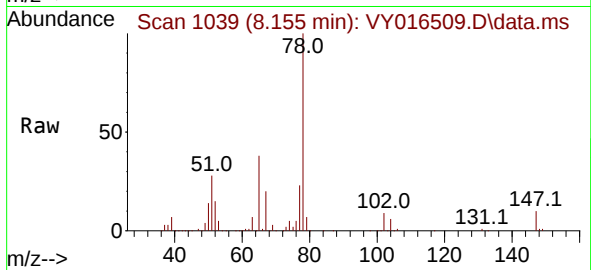
VSTDCCC050EC

Tgt Ion: 65 Resp: 6062
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 101.8

Manual Integrations

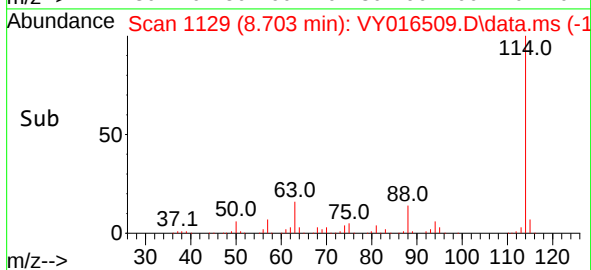
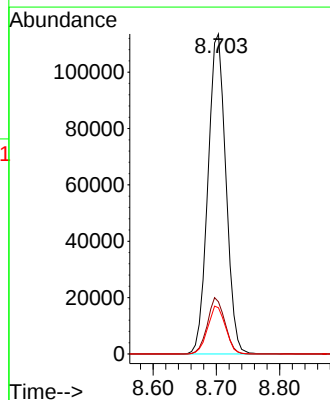
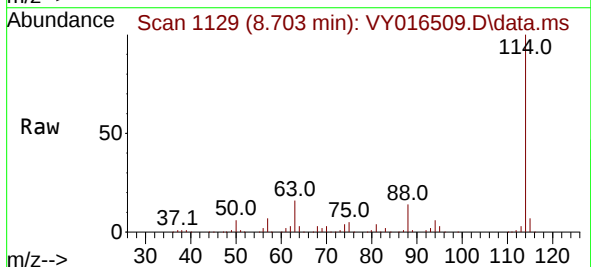
APPROVED

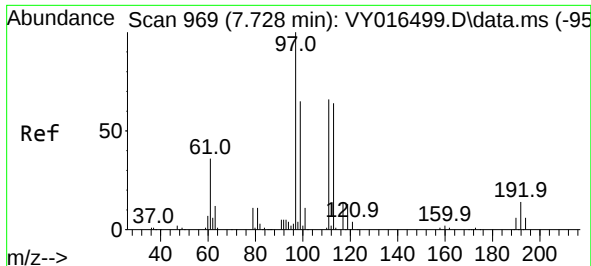
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016509.D
 Acq: 27 Nov 2023 16:56

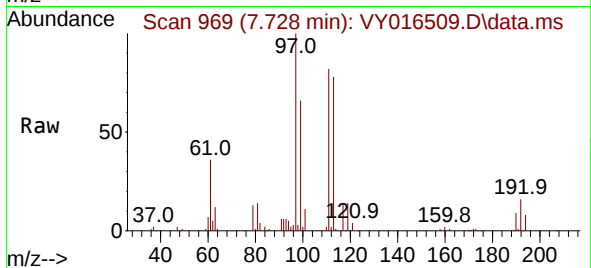
Tgt Ion:114 Resp: 223548
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 42.4
 88 14.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 56.509 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

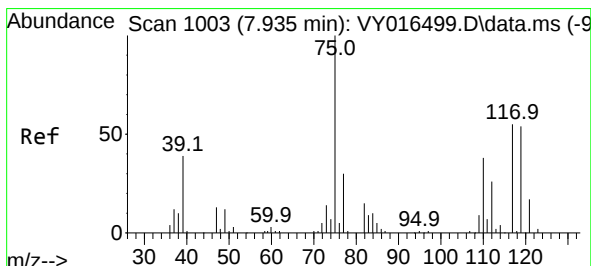
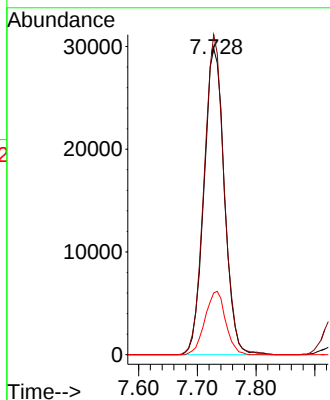
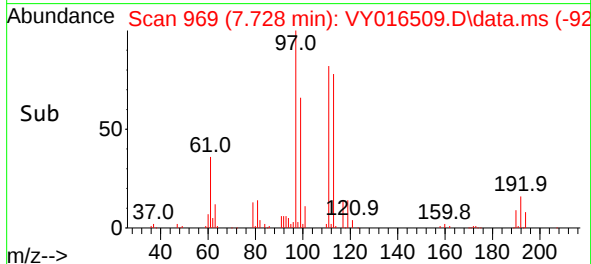
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



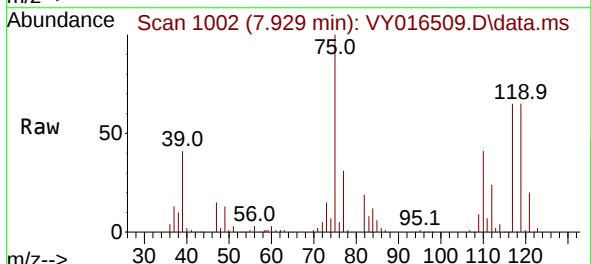
Tgt Ion: 113 Resp: 7176
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 20.9 16.9 25.3

Manual Integrations
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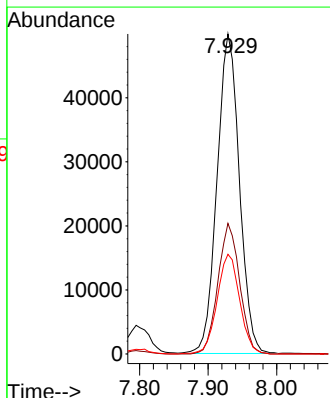
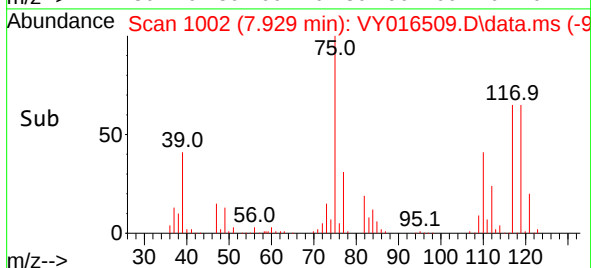
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

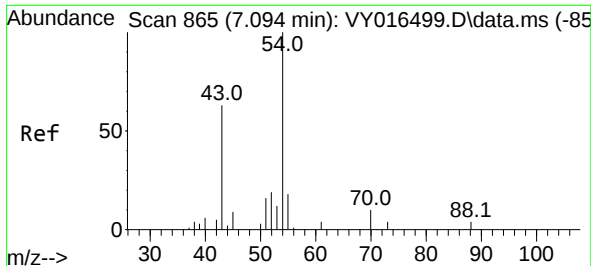


#36
1,1-Dichloropropene
Concen: 51.242 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56



Tgt Ion: 75 Resp: 112991
Ion Ratio Lower Upper
75 100
110 39.6 17.8 53.5
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 36.045 ug/l

RT: 7.082 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

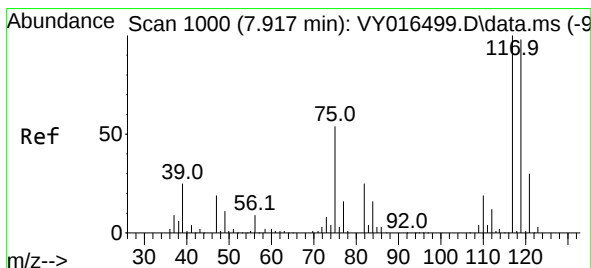
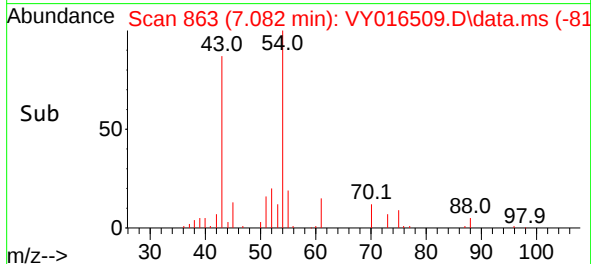
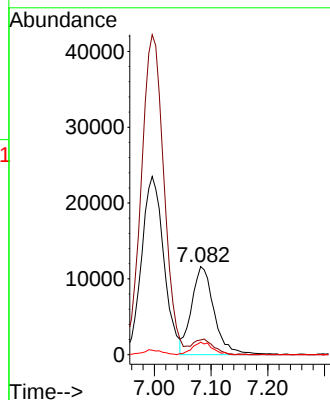
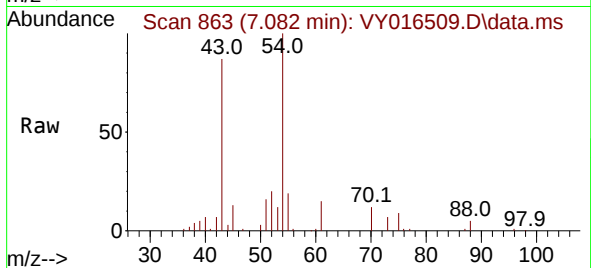
Tgt Ion: 43	Resp: 32114
Ion Ratio	Lower Upper
43 100	
61 15.1	10.1 15.1
70 12.7	7.1 10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#38

Carbon Tetrachloride

Concen: 57.841 ug/l

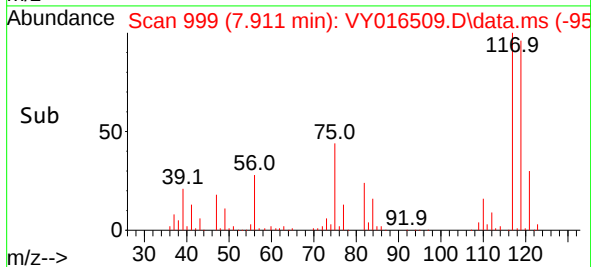
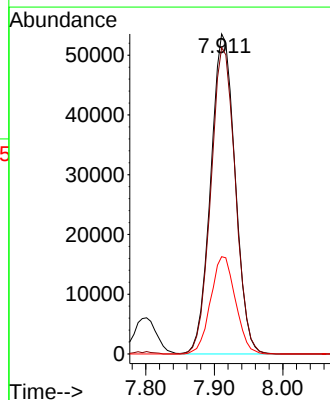
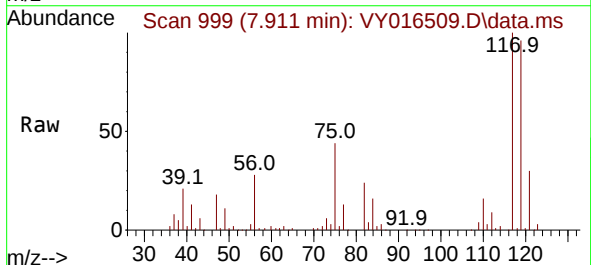
RT: 7.911 min Scan# 999

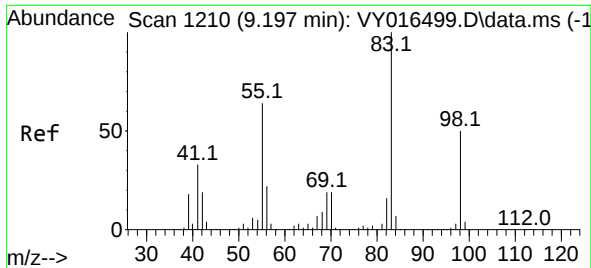
Delta R.T. -0.006 min

Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

Tgt Ion: 117	Resp: 132372
Ion Ratio	Lower Upper
117 100	
119 95.7	76.4 114.6
121 30.4	25.8 38.6





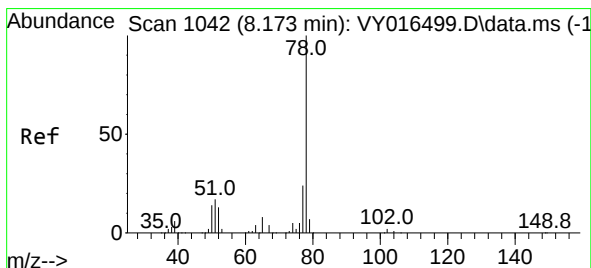
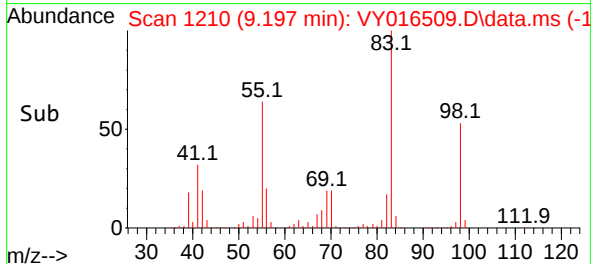
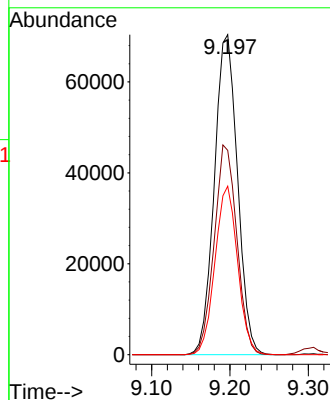
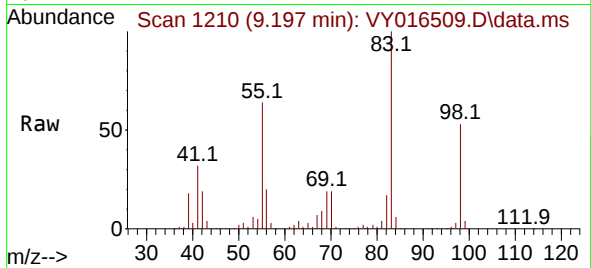
#39
Methylcyclohexane
Concen: 52.595 ug/l
RT: 9.197 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 144512
Ion Ratio Lower Upper
83 100
55 63.9 63.0 94.4
98 52.7 37.4 56.2

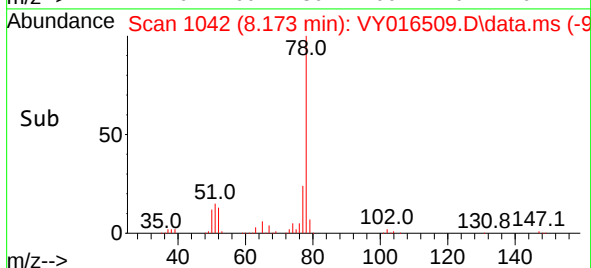
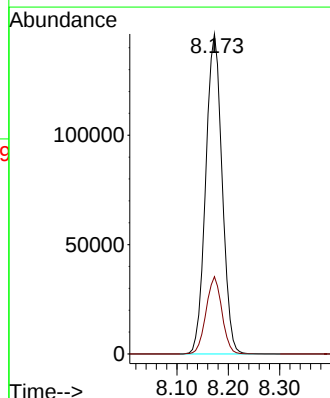
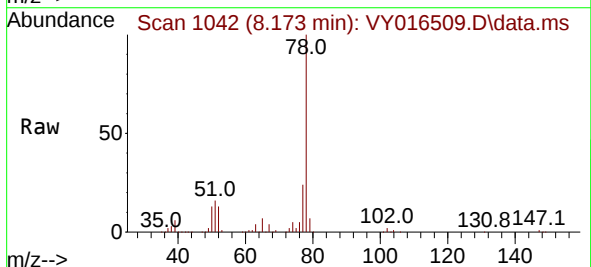
Manual Integrations
APPROVED

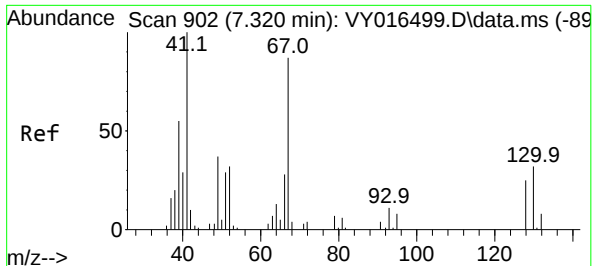
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#40
Benzene
Concen: 52.157 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Tgt Ion: 78 Resp: 323122
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6





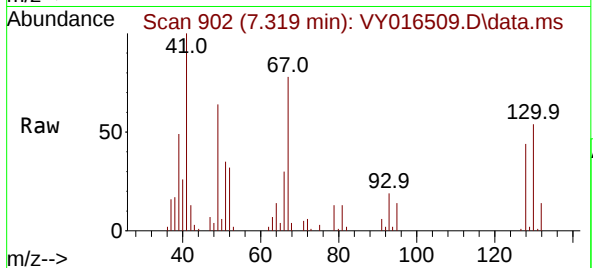
#41
Methacrylonitrile
Concen: 33.008 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



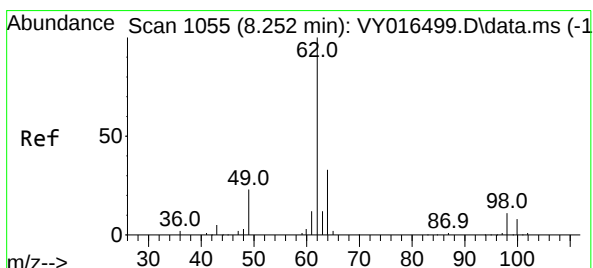
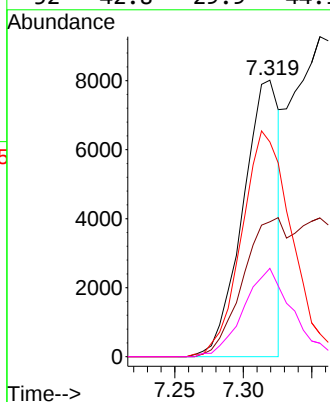
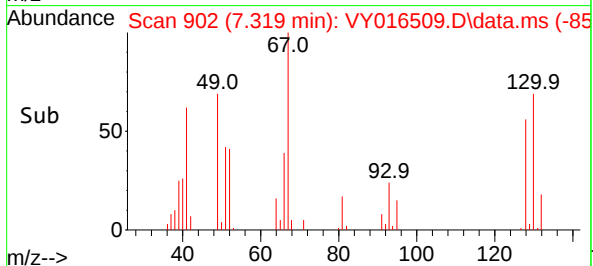
Tgt Ion: 41 Resp: 14828
Ion Ratio Lower Upper
41 100
39 60.0 52.1 78.1
67 112.6 66.2 99.2
52 42.8 29.9 44.9

Manual Integrations

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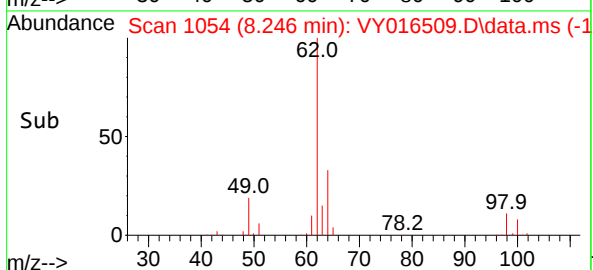
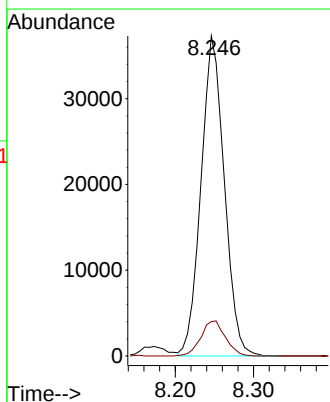
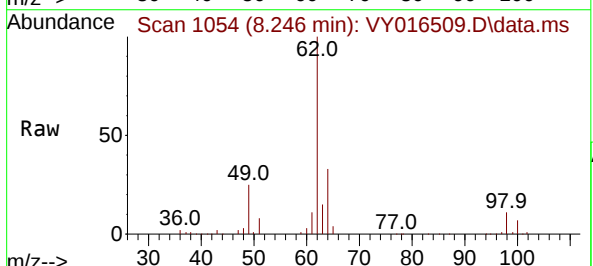
Reviewed By :John Carlone 11/28/2023

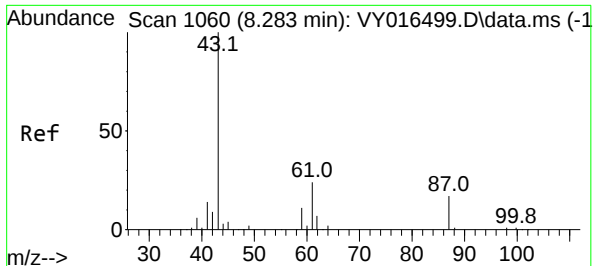
Supervised By :Mahesh Dadoda 11/28/2023



#42
1,2-Dichloroethane
Concen: 48.046 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Tgt Ion: 62 Resp: 77124
Ion Ratio Lower Upper
62 100
98 11.5 0.0 15.8





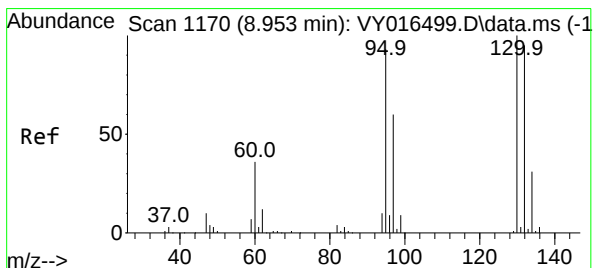
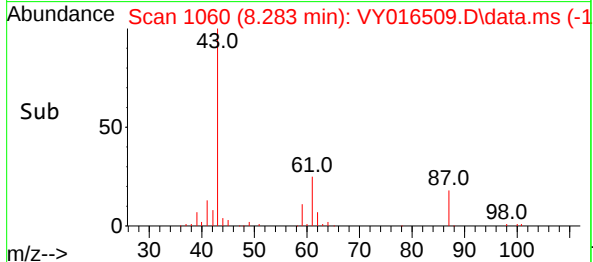
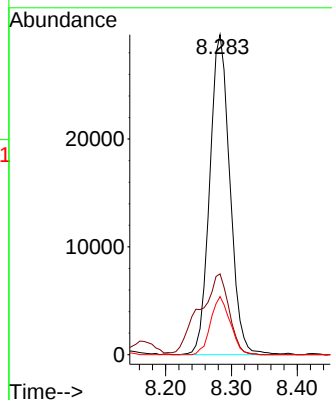
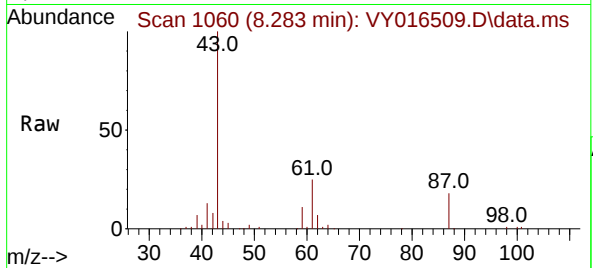
#43
Isopropyl Acetate
Concen: 36.762 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 6331
Ion Ratio Lower Upper
43 100
61 36.7 21.1 31.7
87 17.6 9.8 14.8

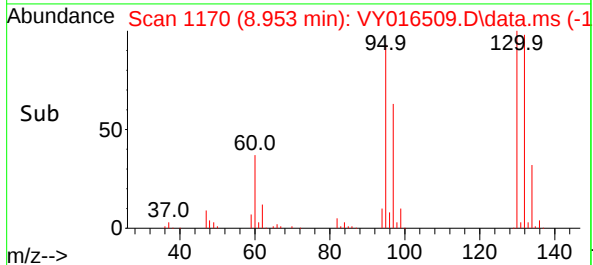
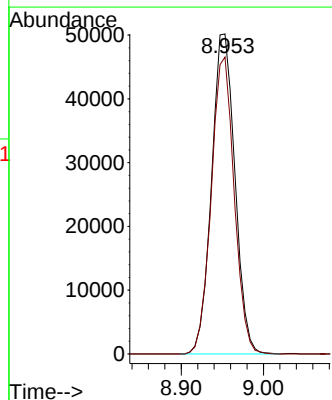
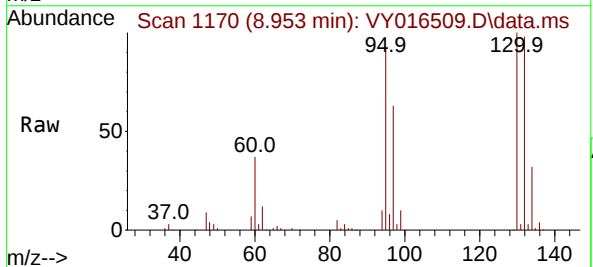
Manual Integrations
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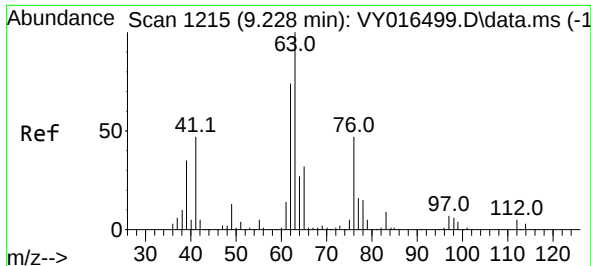
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#44
Trichloroethene
Concen: 55.730 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Tgt Ion:130 Resp: 99227
Ion Ratio Lower Upper
130 100
95 92.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 48.646 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7237

Ion Ratio Lower Upper

63 100

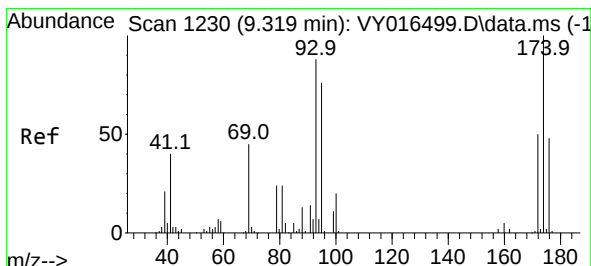
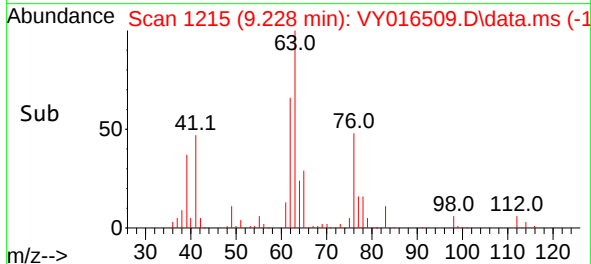
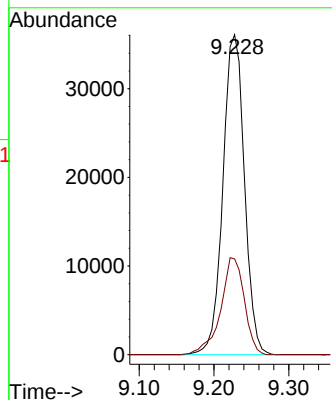
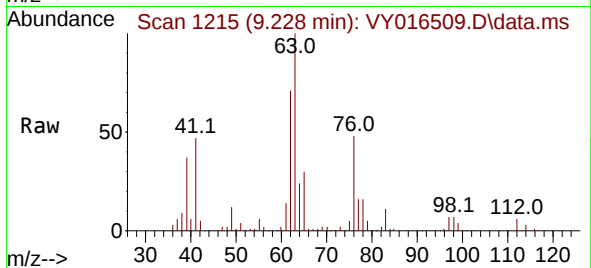
65 30.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#46

Dibromomethane

Concen: 49.436 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

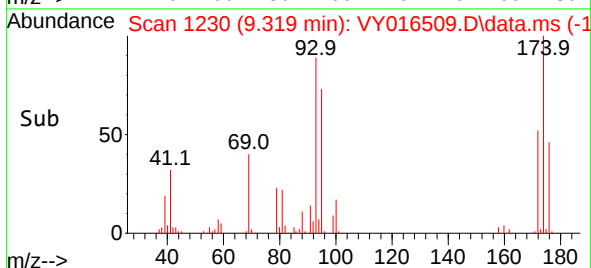
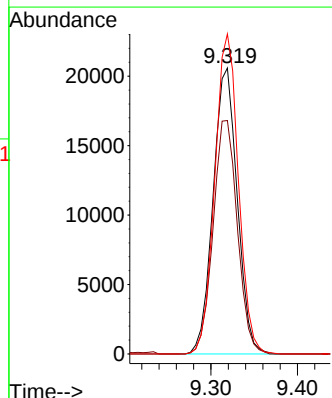
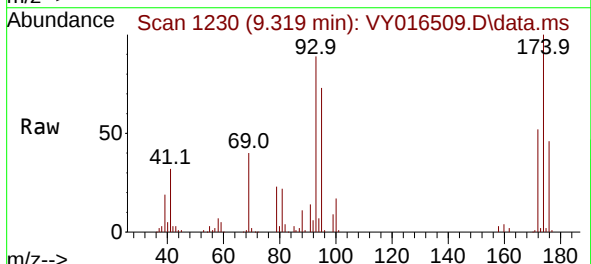
Tgt Ion: 93 Resp: 39858

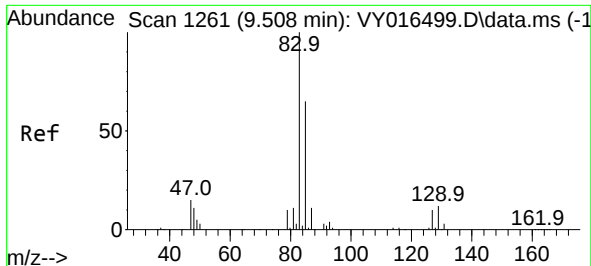
Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

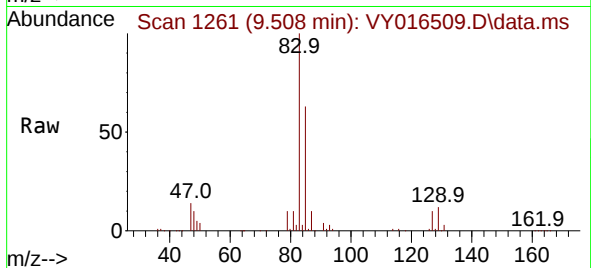
174 109.5 84.8 127.2





#47
Bromodichloromethane
Concen: 51.717 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

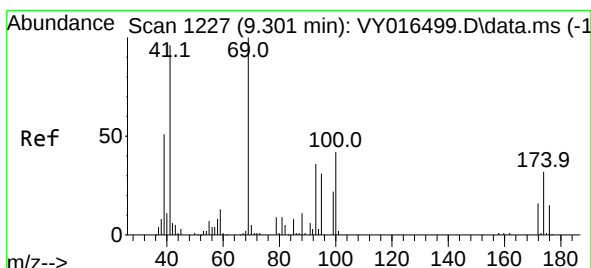
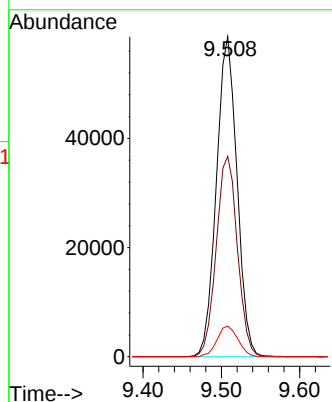
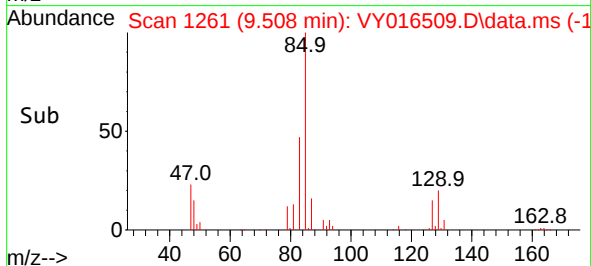
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 107199
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 9.5 7.1 10.7

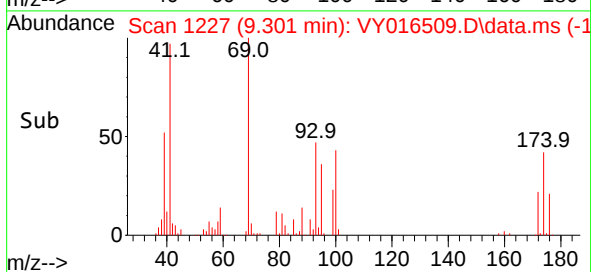
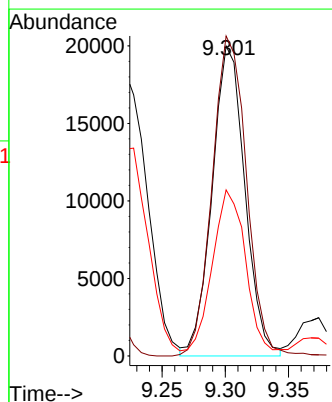
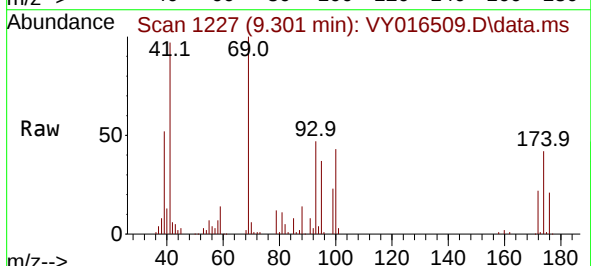
Manual Integrations
APPROVED

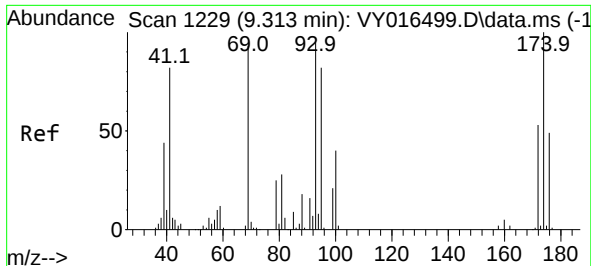
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#48
Methyl methacrylate
Concen: 37.842 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Tgt Ion: 41 Resp: 36018
Ion Ratio Lower Upper
41 100
69 108.1 64.5 96.7#
39 52.3 50.8 76.2





#49

1,4-Dioxane

Concen: 876.909 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 7500

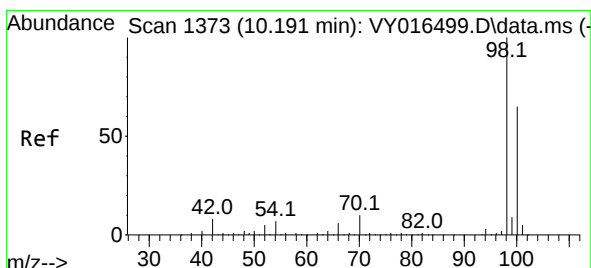
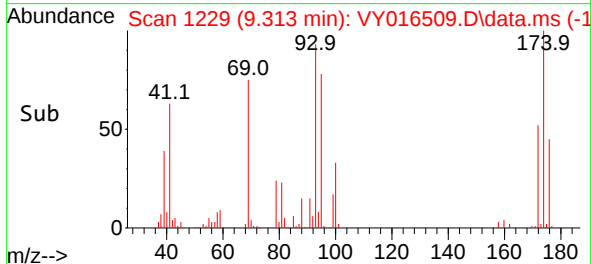
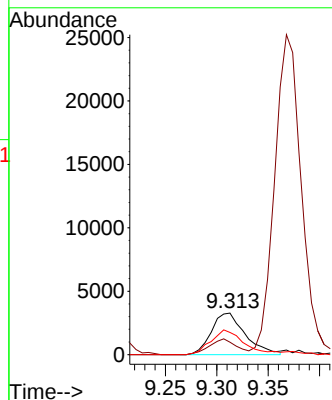
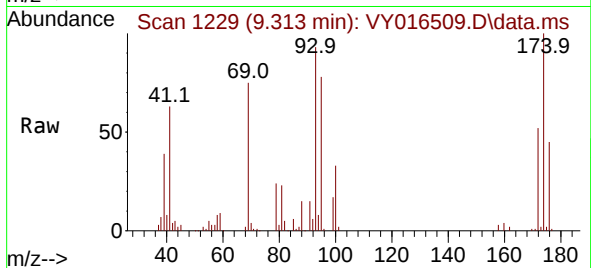
Ion	Ratio	Lower	Upper
88	100		
43	30.6	0.0	0.0
58	63.0	30.9	46.3

Manual Integrations

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Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#50

Toluene-d8

Concen: 52.102 ug/l

RT: 10.191 min Scan# 1373

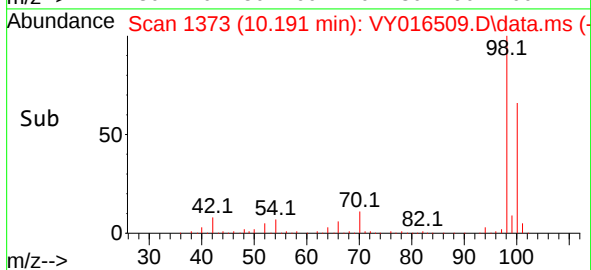
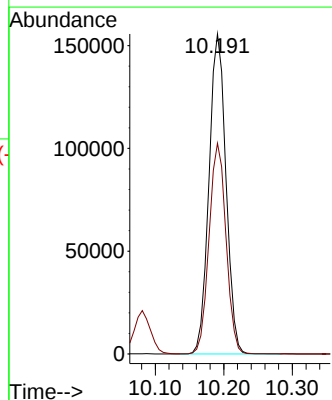
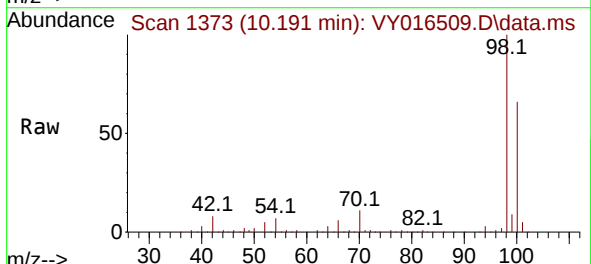
Delta R.T. -0.000 min

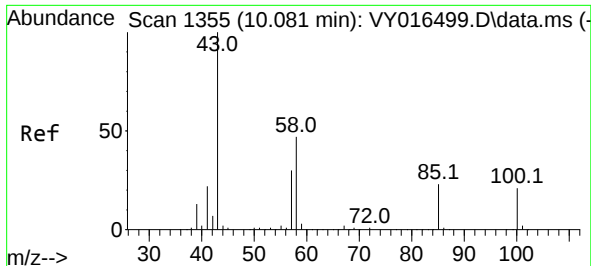
Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

Tgt Ion: 98 Resp: 268307

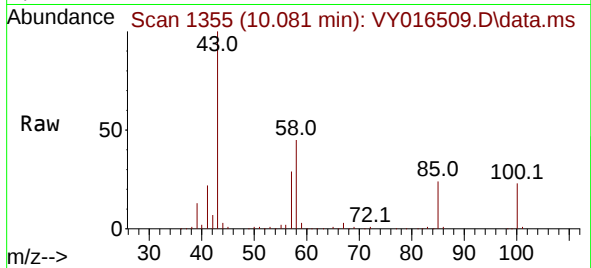
Ion	Ratio	Lower	Upper
98	100		
100	65.6	50.1	75.1





#51
4-Methyl-2-Pentanone
Concen: 179.985 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

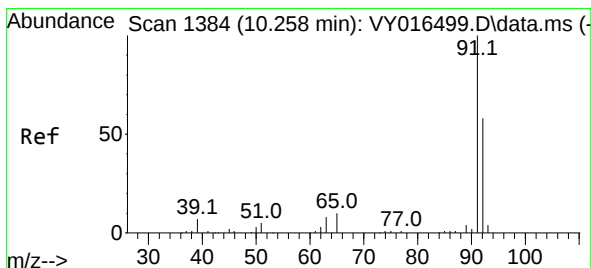
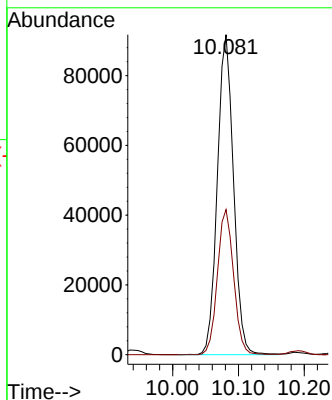
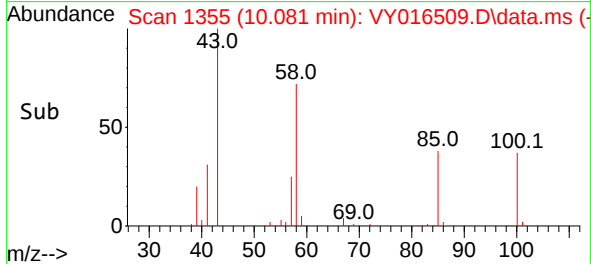
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



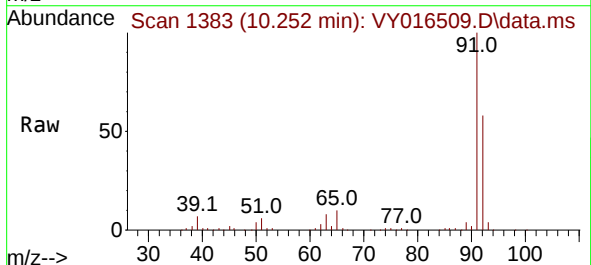
Tgt Ion: 43 Resp: 156744
Ion Ratio Lower Upper
43 100
58 45.4 29.0 43.6

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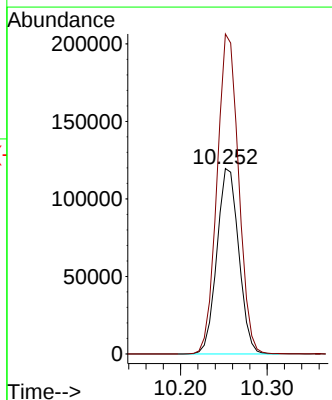
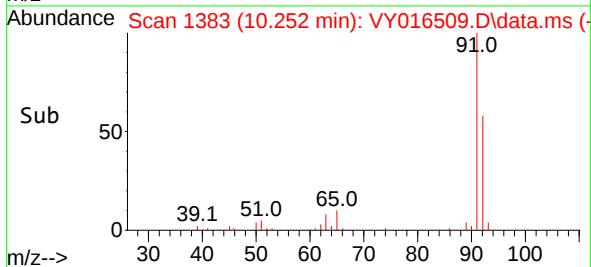
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

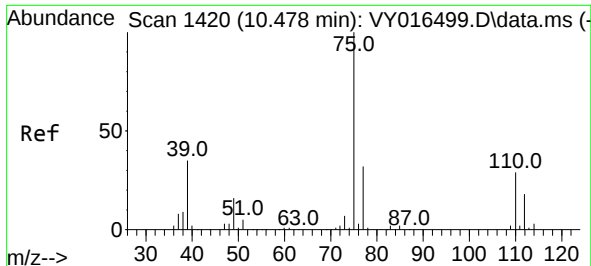


#52
Toluene
Concen: 53.486 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56



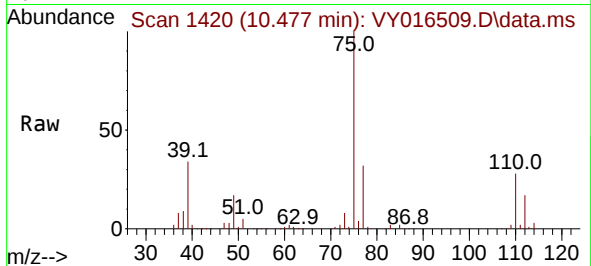
Tgt Ion: 92 Resp: 209458
Ion Ratio Lower Upper
92 100
91 170.6 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 49.082 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016509.D
 Acq: 27 Nov 2023 16:56

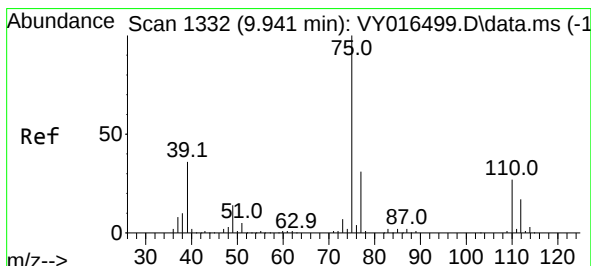
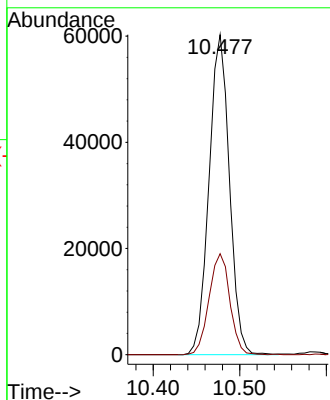
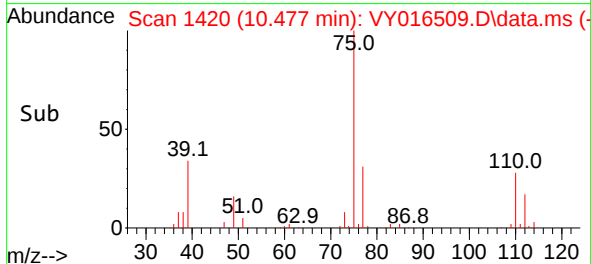
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 98620
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4

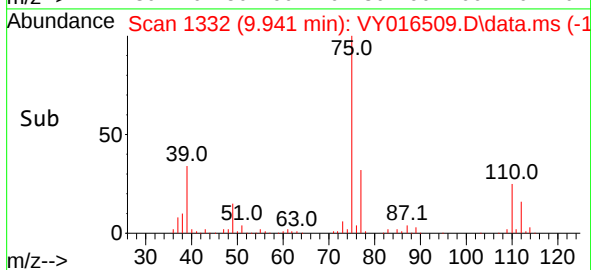
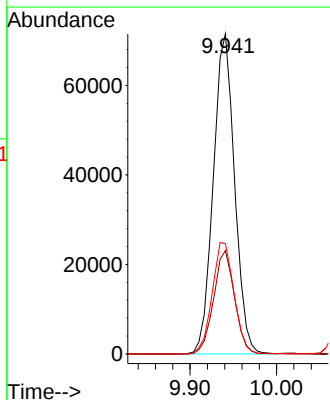
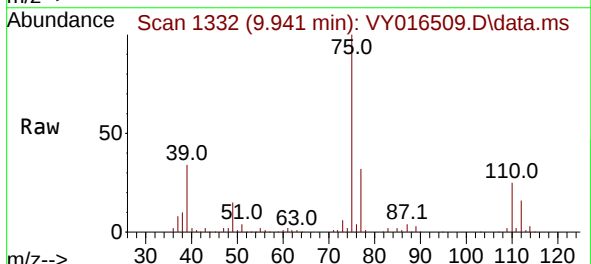
Manual Integrations
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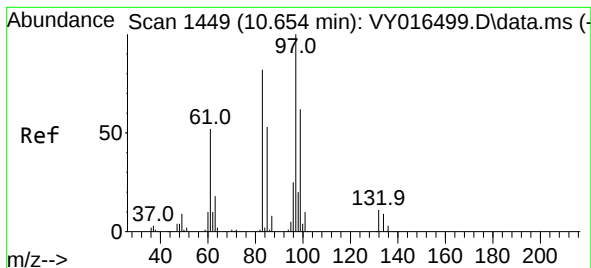
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#54
 cis-1,3-Dichloropropene
 Concen: 50.871 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016509.D
 Acq: 27 Nov 2023 16:56

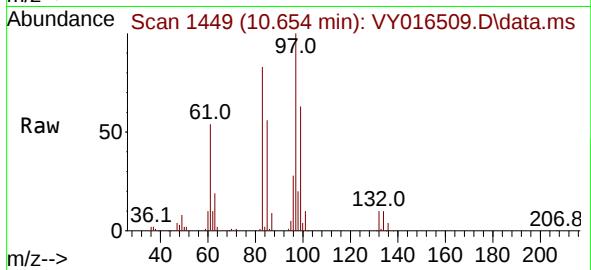
Tgt Ion: 75 Resp: 122091
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.2 36.4
 39 34.5 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 50.558 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

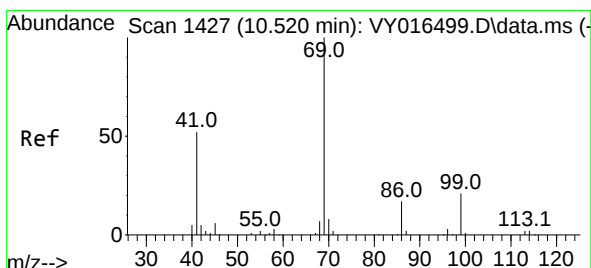
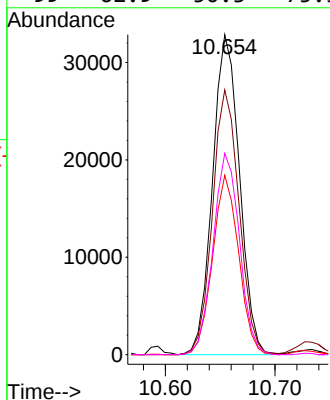
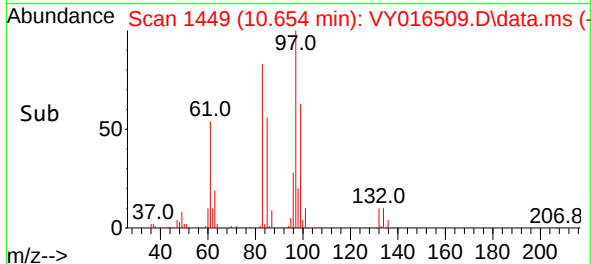
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 5618
Ion Ratio Lower Upper
97 100
83 82.7 72.0 108.0
85 56.1 45.4 68.0
99 62.9 50.3 75.5

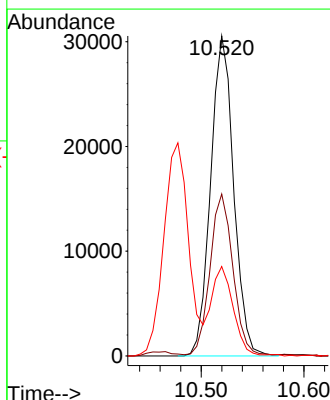
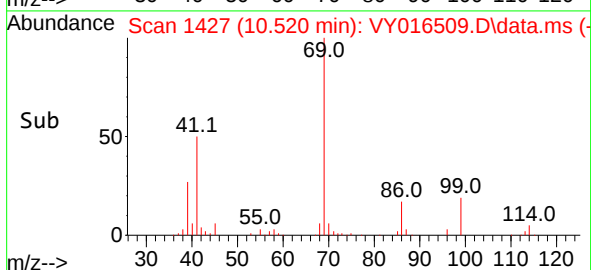
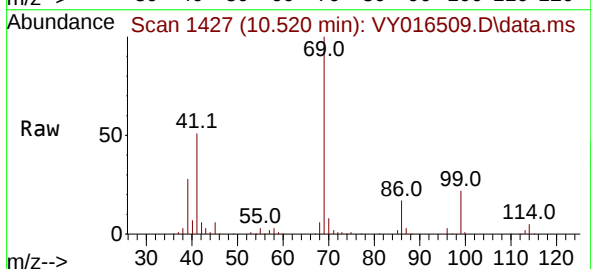
Manual Integrations
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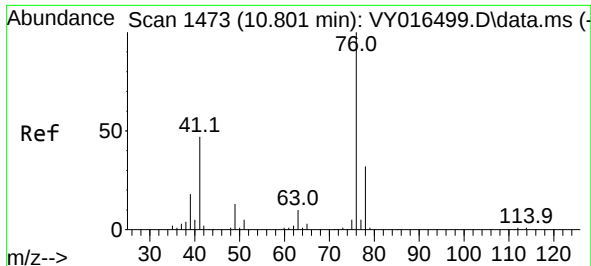
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#56
Ethyl methacrylate
Concen: 45.294 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Tgt Ion: 69 Resp: 47514
Ion Ratio Lower Upper
69 100
41 49.8 57.6 86.4#
39 26.6 34.1 51.1#





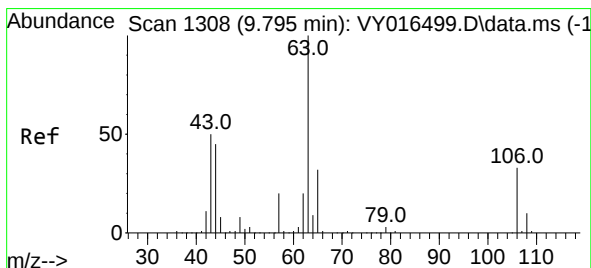
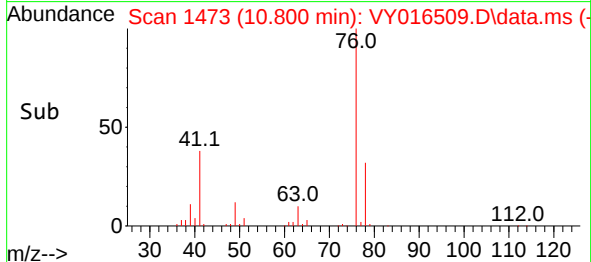
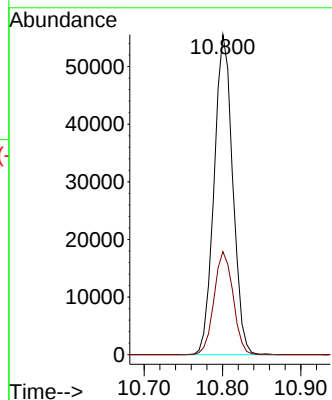
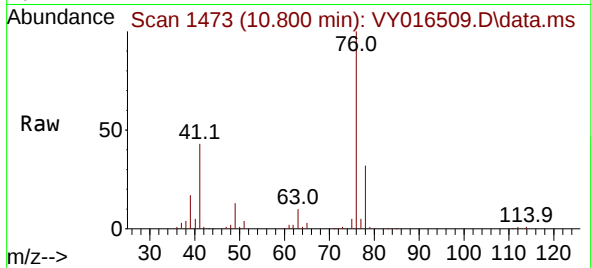
#57
1,3-Dichloropropane
Concen: 48.393 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 91669
Ion Ratio Lower Upper
76 100
78 32.9 25.3 37.9

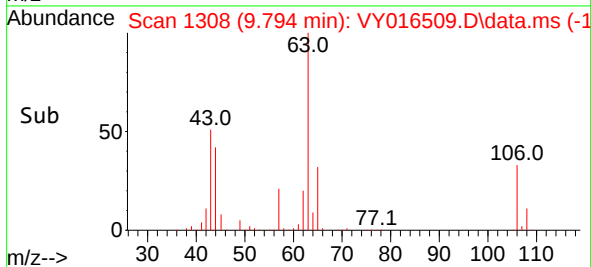
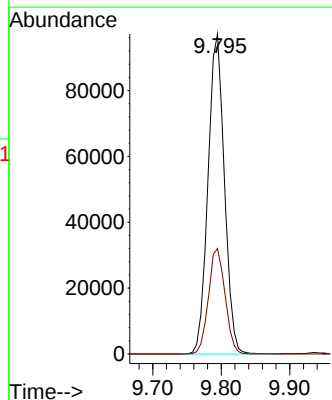
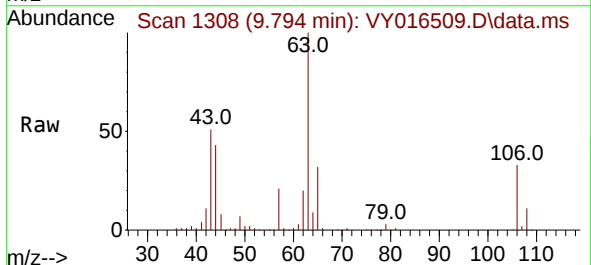
Manual Integrations
APPROVED

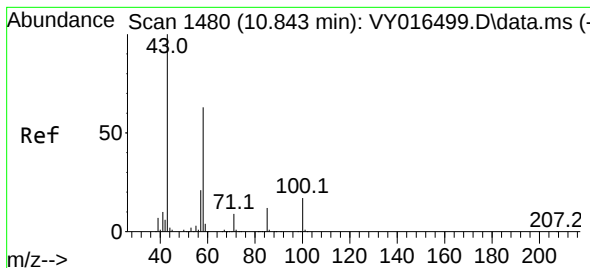
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#58
2-Chloroethyl Vinyl ether
Concen: 227.005 ug/l
RT: 9.794 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

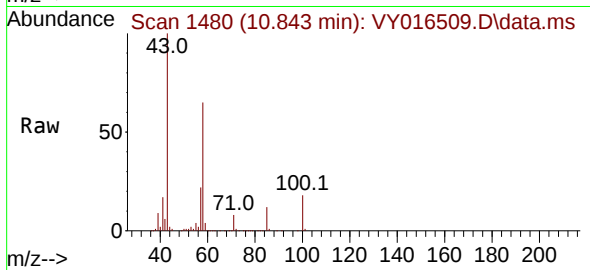
Tgt Ion: 63 Resp: 161468
Ion Ratio Lower Upper
63 100
106 33.3 21.2 31.8





#59
2-Hexanone
Concen: 164.934 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

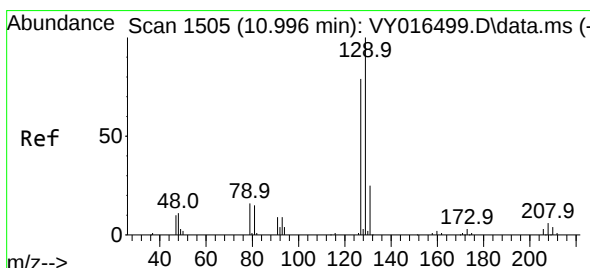
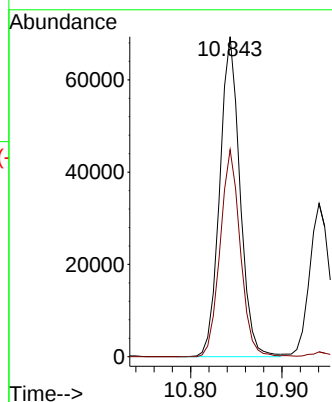
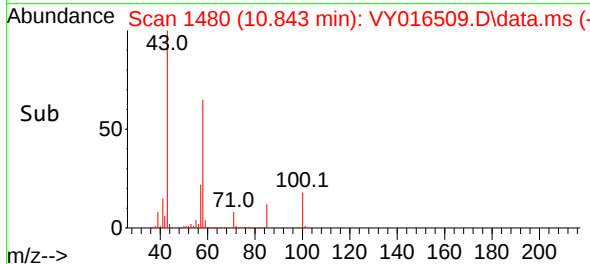
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 106840
Ion Ratio Lower Upper
43 100
58 64.4 25.1 75.3

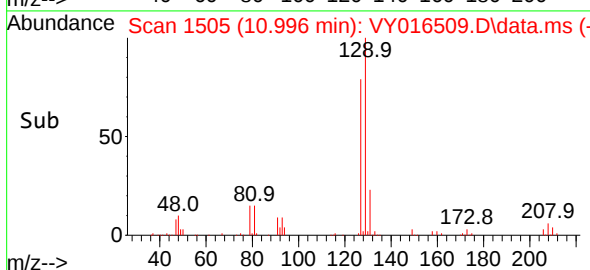
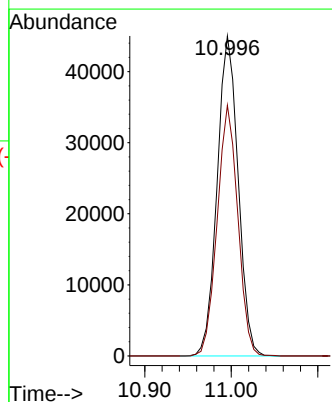
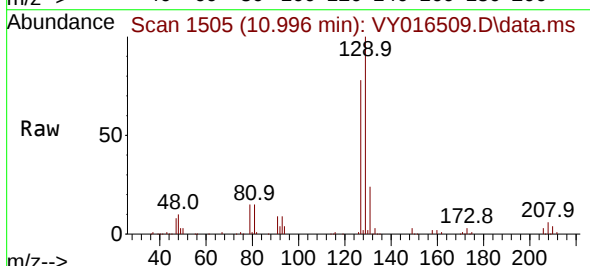
Manual Integrations
APPROVED

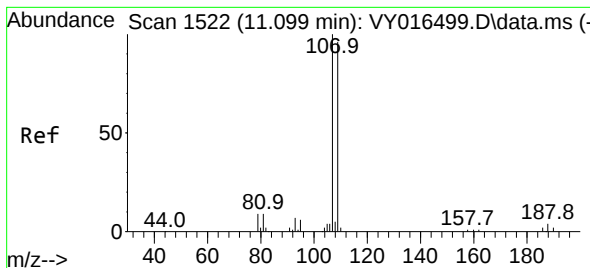
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#60
Dibromochloromethane
Concen: 54.514 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

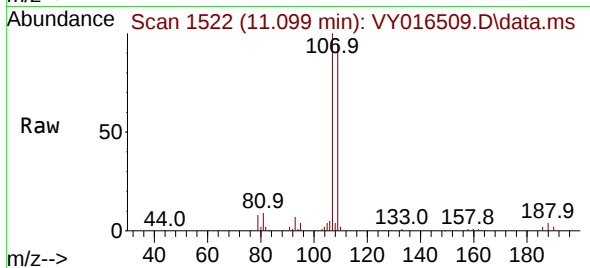
Tgt Ion:129 Resp: 75764
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61
1,2-Dibromoethane
Concen: 50.589 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

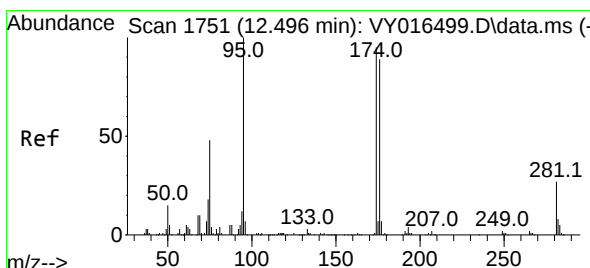
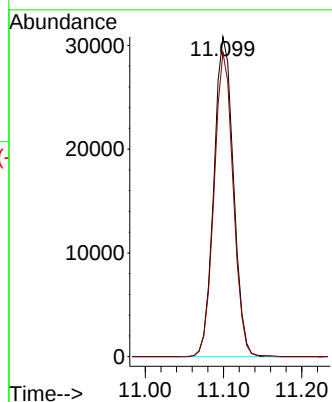
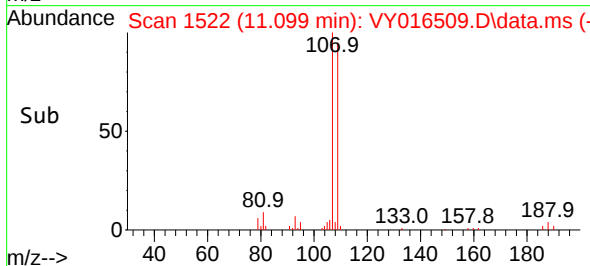
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



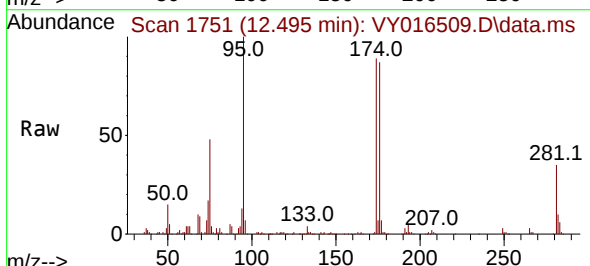
Tgt Ion:107 Resp: 5355
Ion Ratio Lower Upper
107 100
109 93.0 75.6 113.4

Manual Integrations
APPROVED

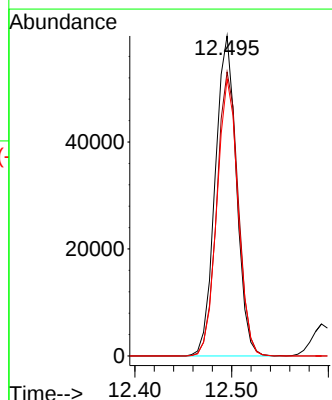
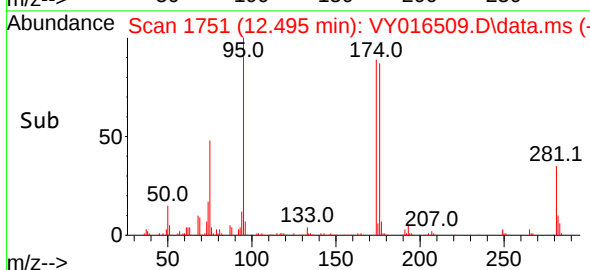
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

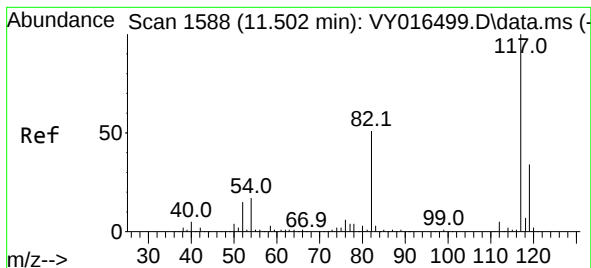


#62
4-Bromofluorobenzene
Concen: 54.329 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56



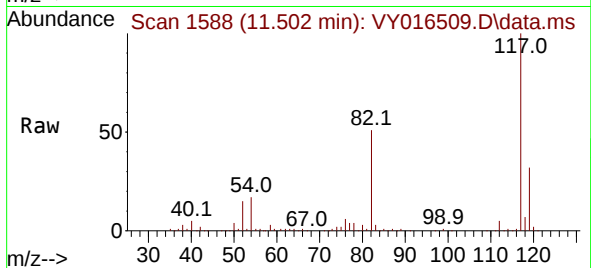
Tgt Ion: 95 Resp: 90868
Ion Ratio Lower Upper
95 100
174 89.6 0.0 178.2
176 86.3 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

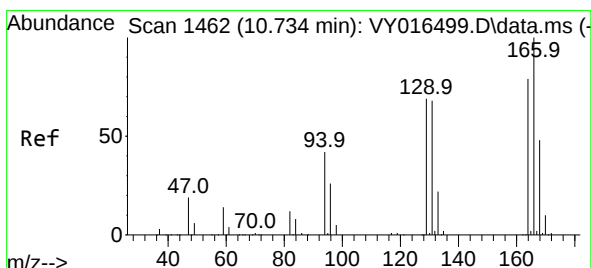
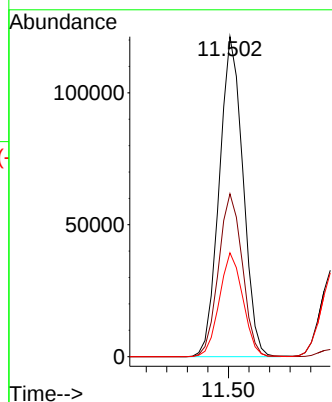
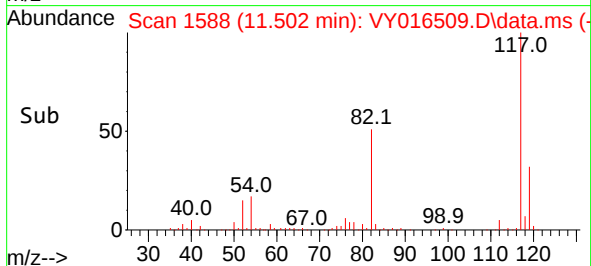
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



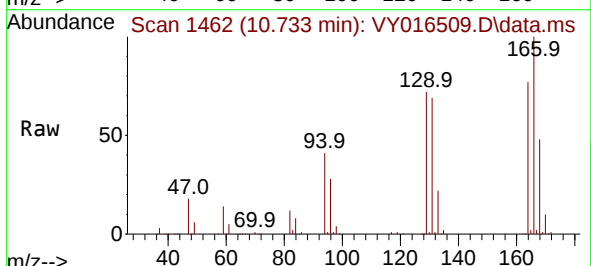
Tgt Ion:117 Resp: 19396
Ion Ratio Lower Upper
117 100
82 50.9 43.4 65.0
119 32.4 26.3 39.5

Manual Integrations
APPROVED

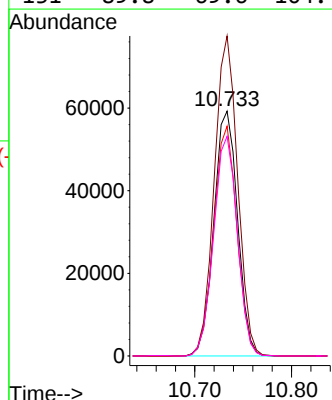
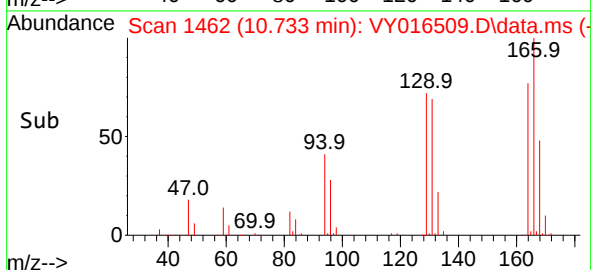
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

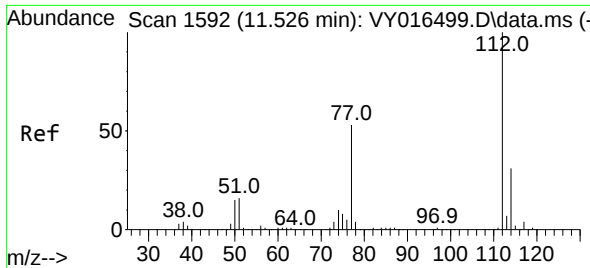


#64
Tetrachloroethene
Concen: 57.958 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56



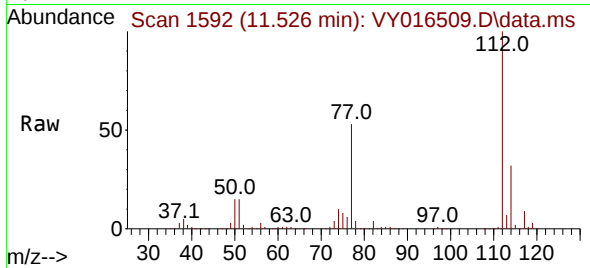
Tgt Ion:164 Resp: 100940
Ion Ratio Lower Upper
164 100
166 130.7 103.0 154.6
129 93.8 77.2 115.8
131 89.8 69.6 104.4





#65
Chlorobenzene
Concen: 54.197 ug/l
RT: 11.526 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

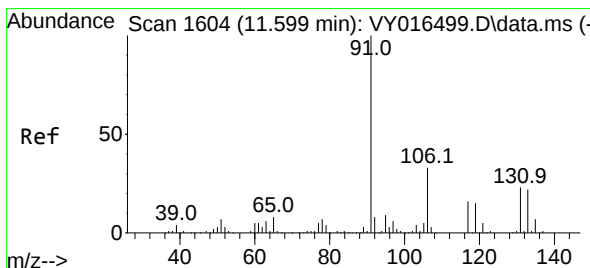
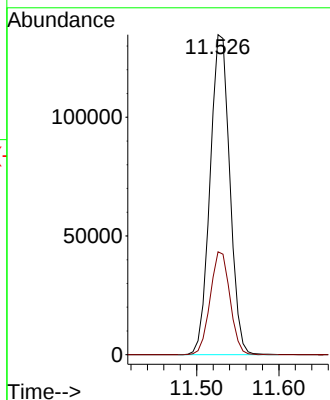
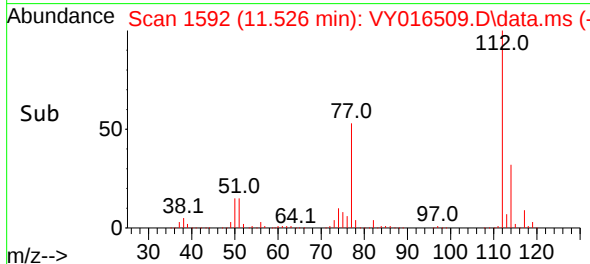
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



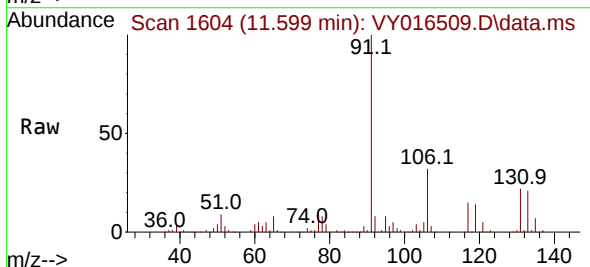
Tgt Ion:112 Resp: 224597
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

Manual Integrations
APPROVED

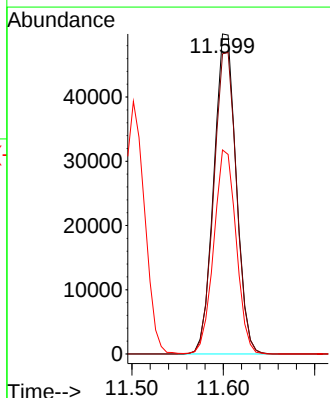
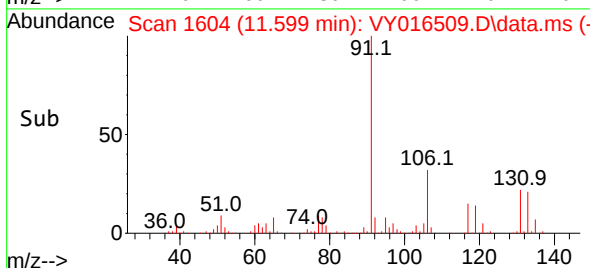
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

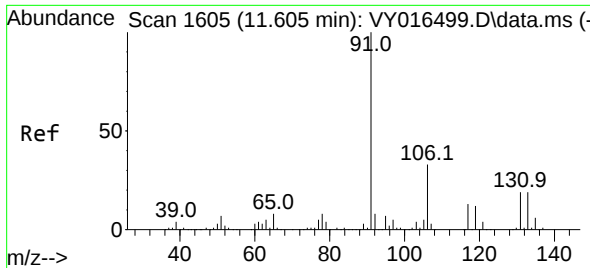


#66
1,1,1,2-Tetrachloroethane
Concen: 55.407 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56



Tgt Ion:131 Resp: 84689
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.6
119 63.8 31.6 94.7





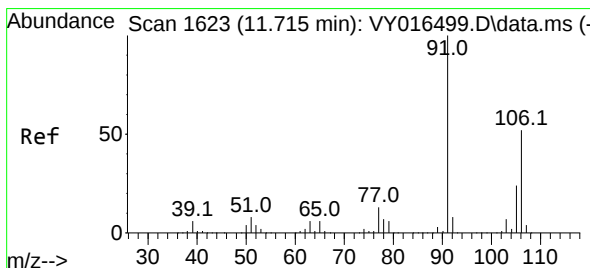
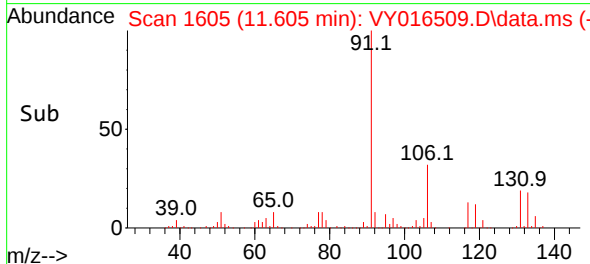
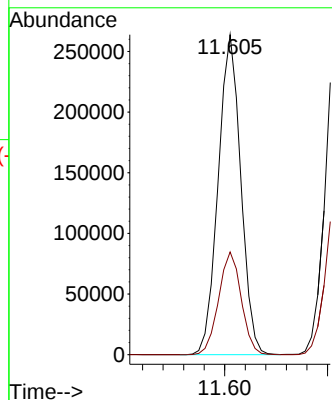
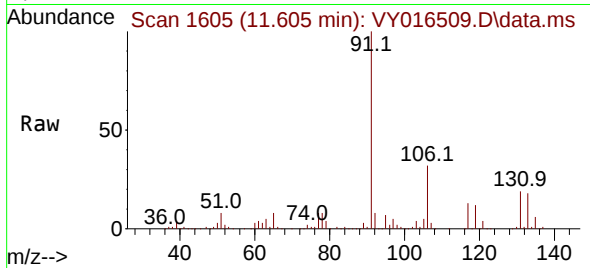
#67
Ethyl Benzene
Concen: 53.983 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 402044
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8

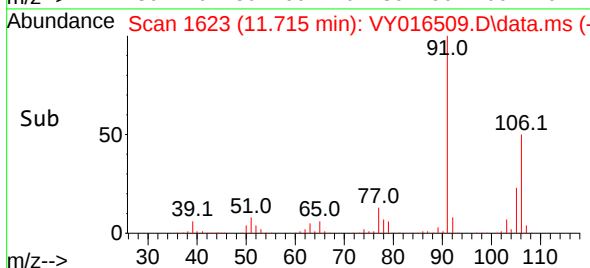
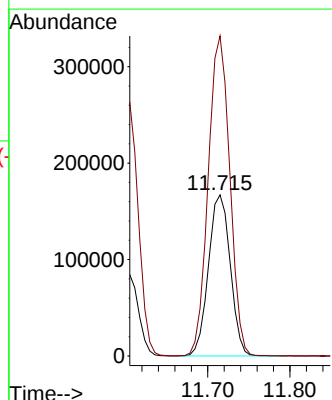
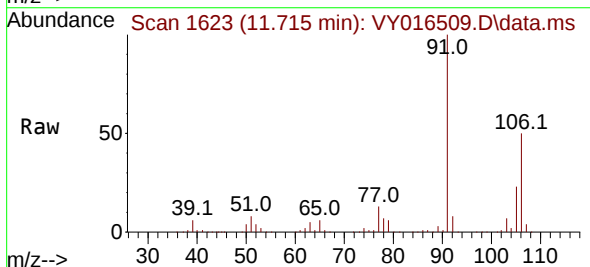
Manual Integrations
APPROVED

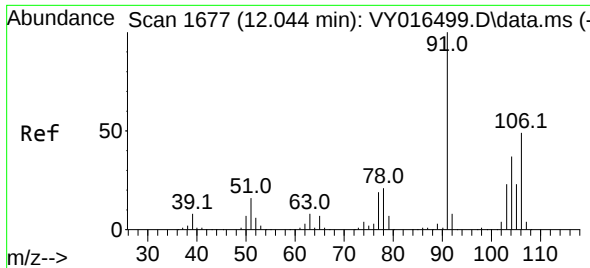
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#68
m/p-Xylenes
Concen: 109.138 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Tgt Ion:106 Resp: 308295
Ion Ratio Lower Upper
106 100
91 196.9 166.1 249.1





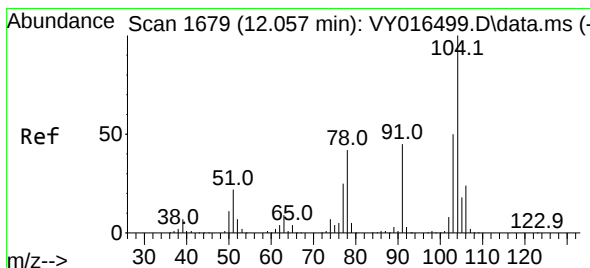
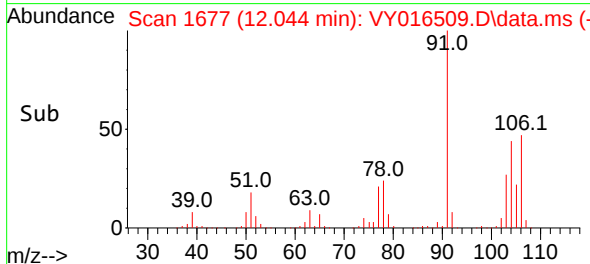
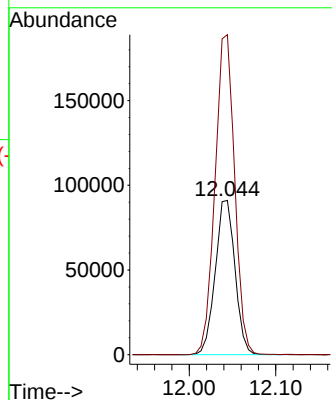
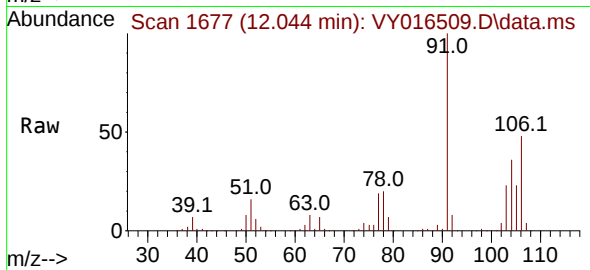
#69
o-Xylene
Concen: 54.960 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 144145
Ion Ratio Lower Upper
106 100
91 206.3 108.1 324.3

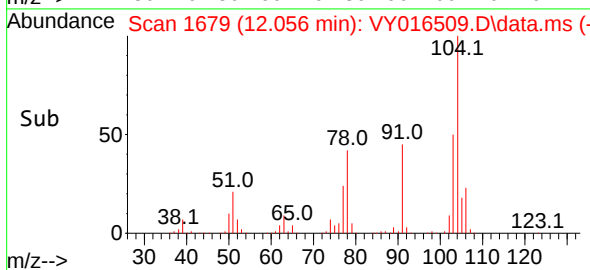
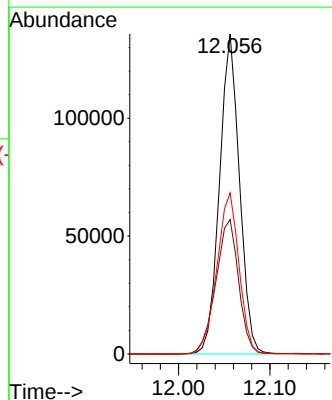
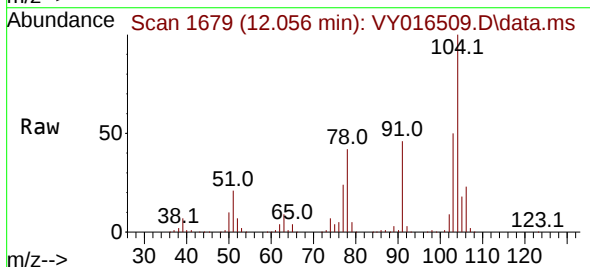
Manual Integrations
APPROVED

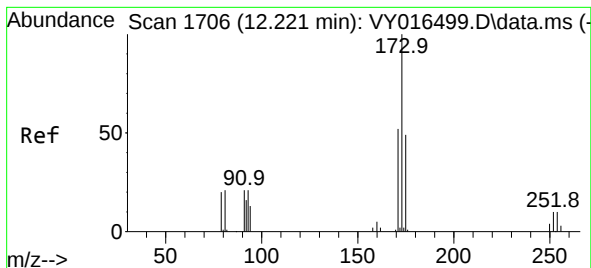
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#70
Styrene
Concen: 54.883 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Tgt Ion:104 Resp: 206111
Ion Ratio Lower Upper
104 100
78 48.1 41.5 62.3
103 55.9 44.6 67.0





#71

Bromoform

Concen: 54.387 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

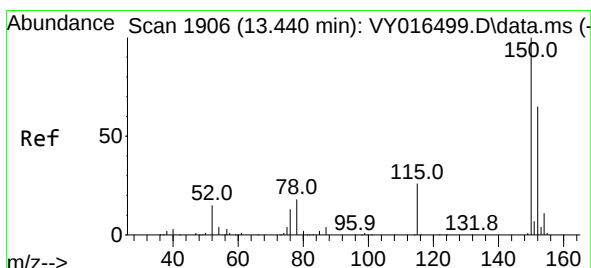
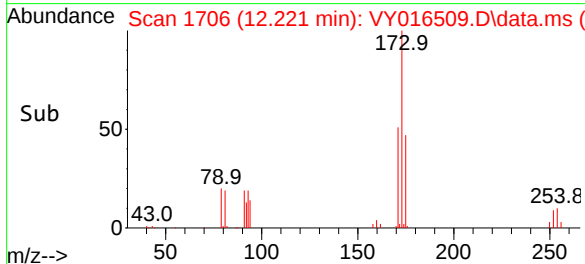
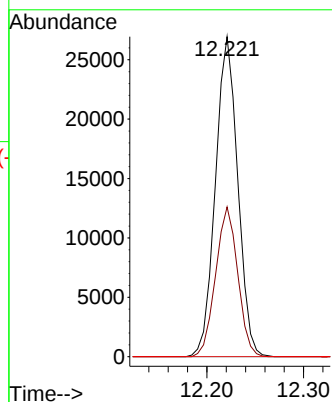
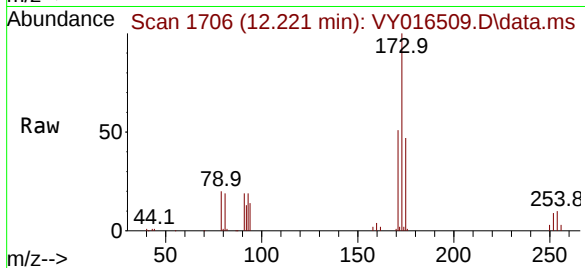
Tgt Ion:	173	Resp:	4313
Ion Ratio	Lower	Upper	
173	100		
175	46.4	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

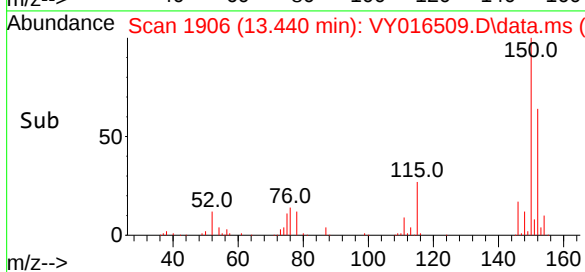
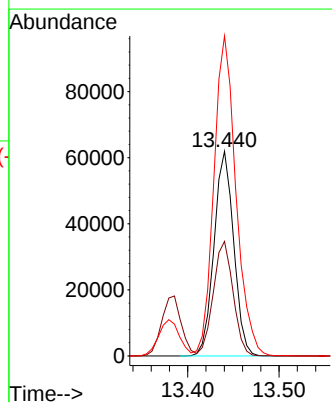
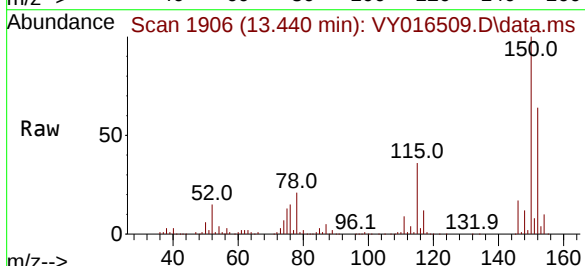
RT: 13.440 min Scan# 1906

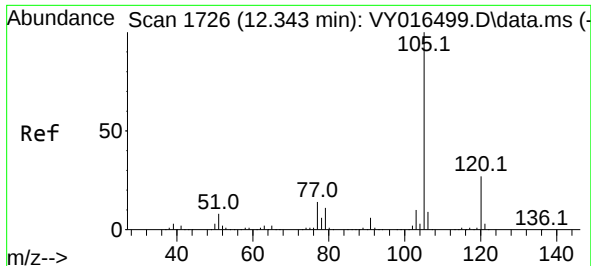
Delta R.T. 0.006 min

Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

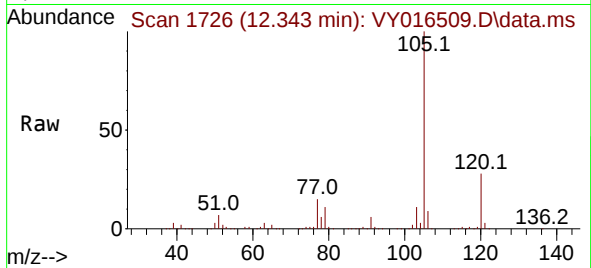
Tgt Ion:	152	Resp:	92711
Ion Ratio	Lower	Upper	
152	100		
115	56.4	28.8	86.5
150	175.6	0.0	348.8





#73
Isopropylbenzene
Concen: 52.725 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

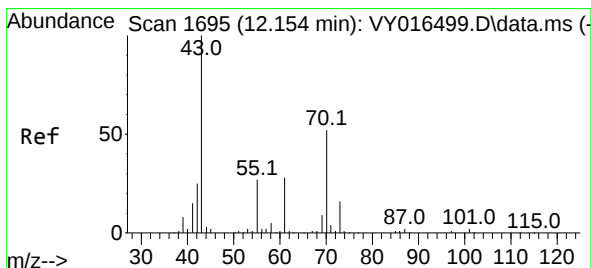
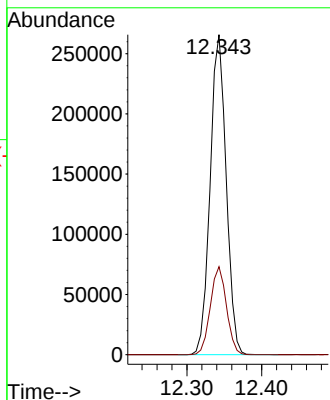
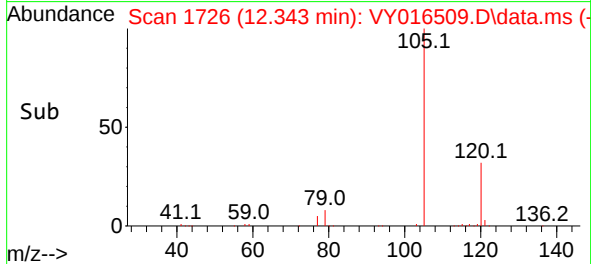
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 395838
Ion Ratio Lower Upper
105 100
120 27.6 13.3 39.9

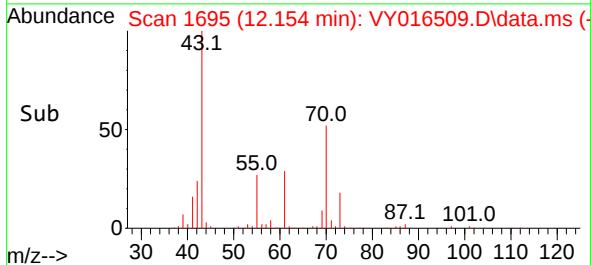
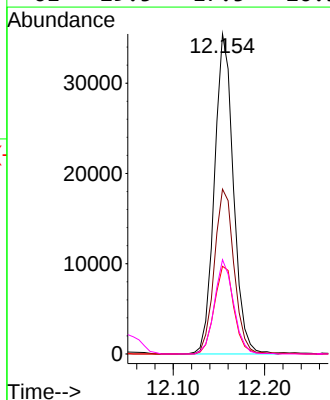
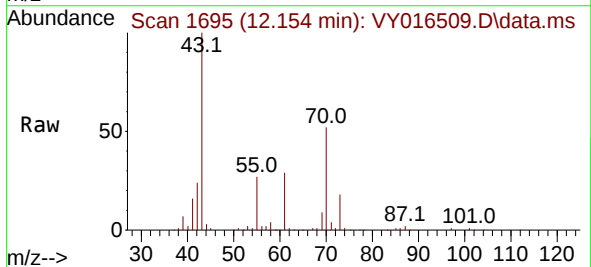
Manual Integrations
APPROVED

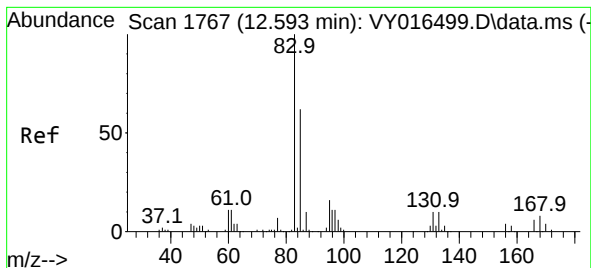
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#74
N-ethyl acetate
Concen: 33.960 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

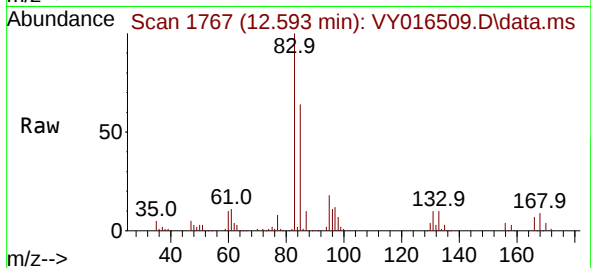
Tgt Ion: 43 Resp: 51212
Ion Ratio Lower Upper
43 100
70 53.4 29.7 44.5#
55 28.6 18.3 27.5#
61 29.5 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 43.814 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

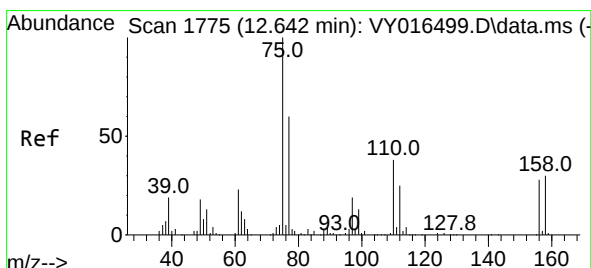
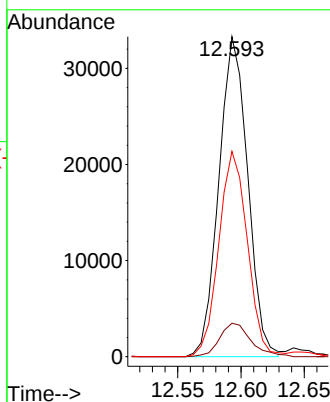
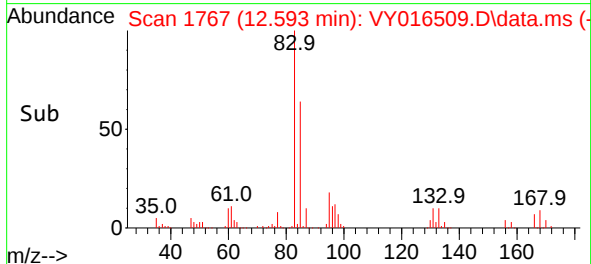
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 5278
Ion Ratio Lower Upper
83 100
131 11.3 5.4 16.2
85 63.6 31.8 95.4

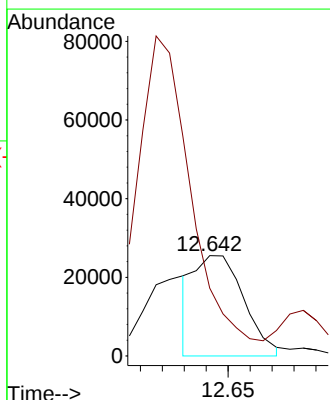
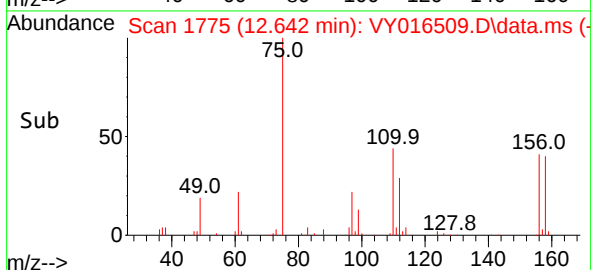
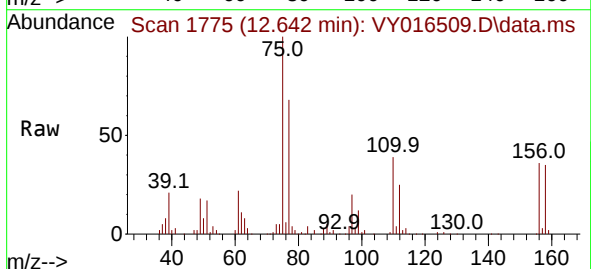
Manual Integrations
APPROVED

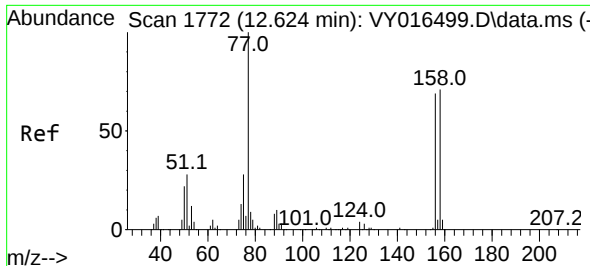
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#76
1,2,3-Trichloropropane
Concen: 45.083 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Tgt Ion: 75 Resp: 40095
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





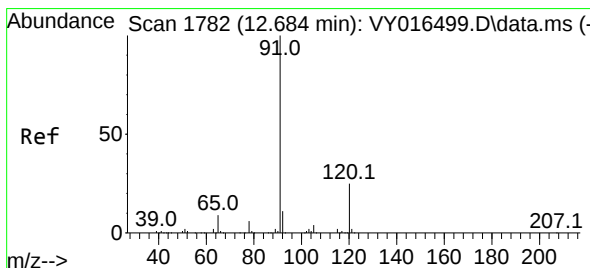
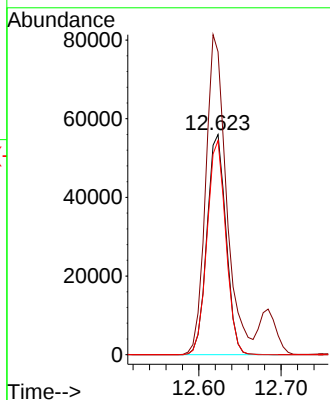
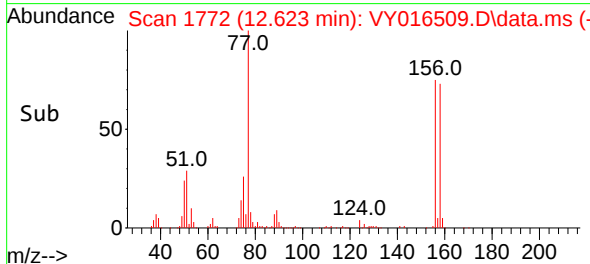
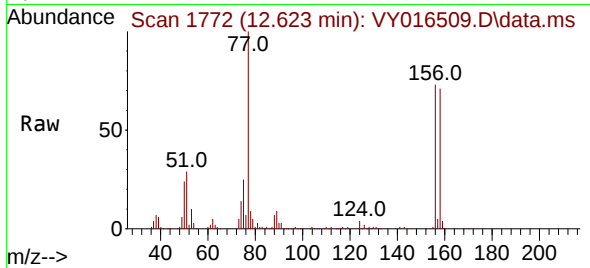
#77
Bromobenzene
Concen: 52.967 ug/l
RT: 12.623 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 89874
Ion Ratio Lower Upper
156 100
77 158.6 92.8 278.6
158 96.1 48.4 145.3

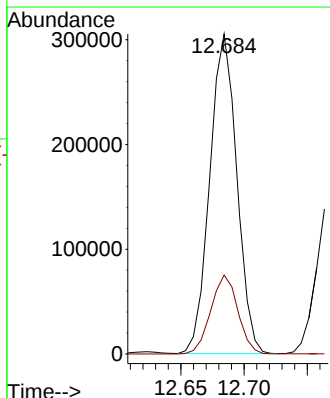
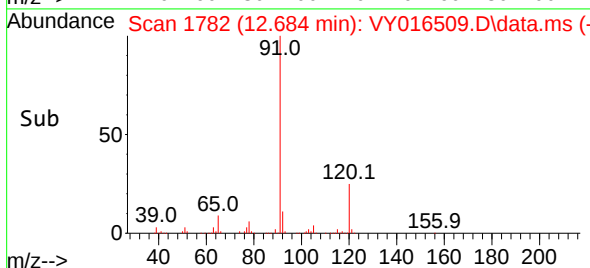
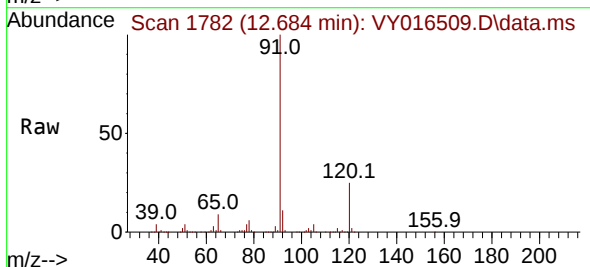
Manual Integrations
APPROVED

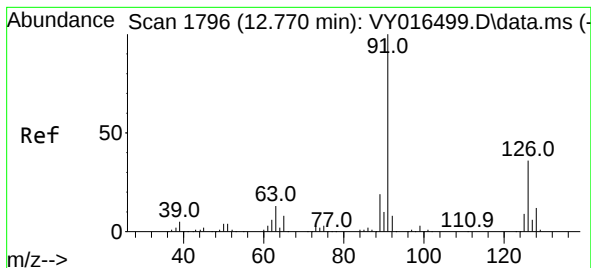
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#78
n-propylbenzene
Concen: 51.130 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Tgt Ion: 91 Resp: 453642
Ion Ratio Lower Upper
91 100
120 24.6 11.5 34.4





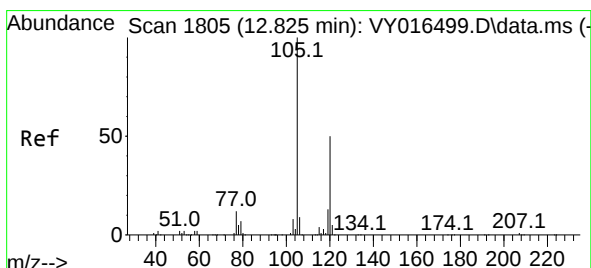
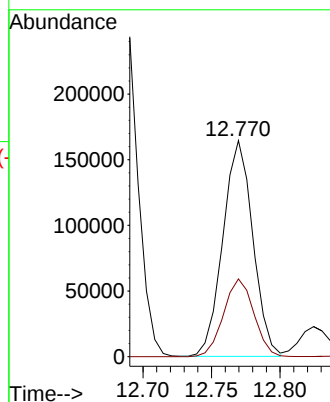
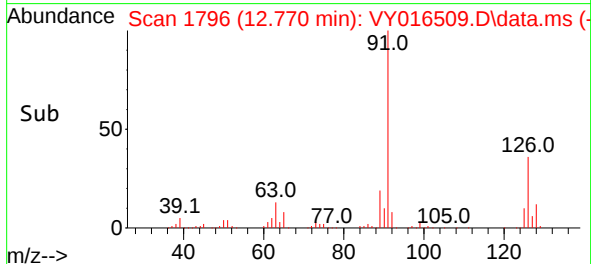
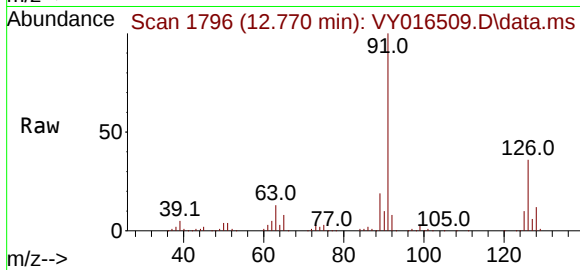
#79
2-Chlorotoluene
Concen: 51.100 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 249850
Ion Ratio Lower Upper
91 100
126 36.4 17.3 51.7

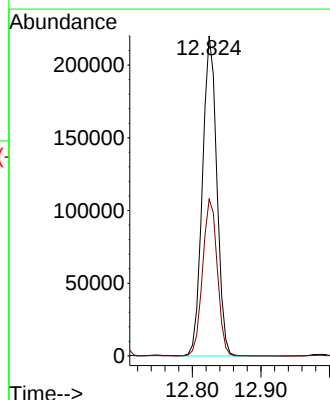
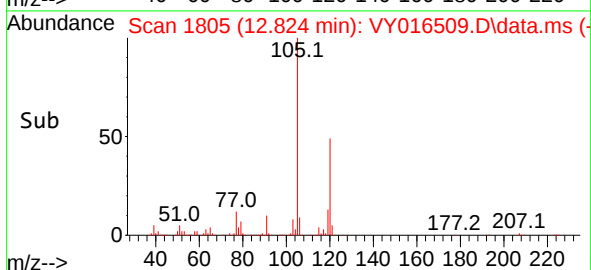
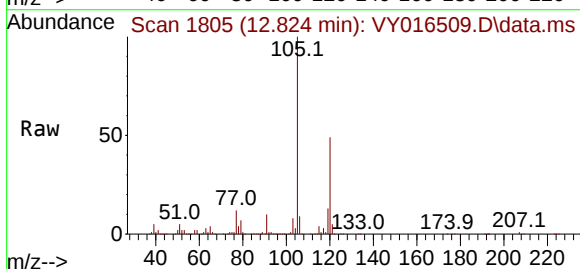
Manual Integrations
APPROVED

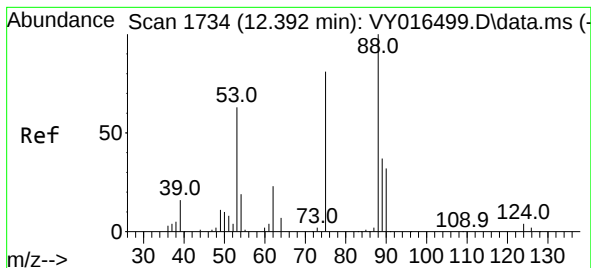
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.326 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Tgt Ion:105 Resp: 322781
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7





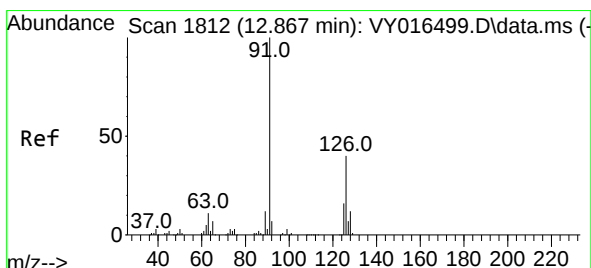
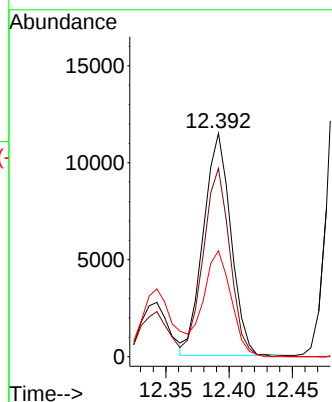
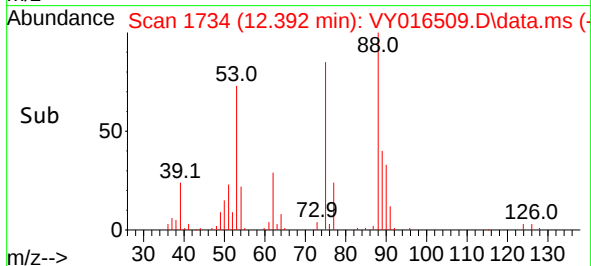
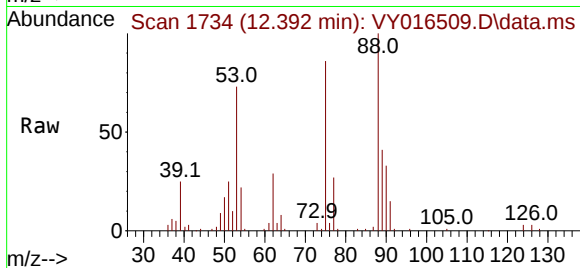
#81
trans-1,4-Dichloro-2-butene
Concen: 42.237 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 17300
Ion Ratio Lower Upper
75 100
53 83.0 77.8 116.8
89 48.0 37.4 56.0

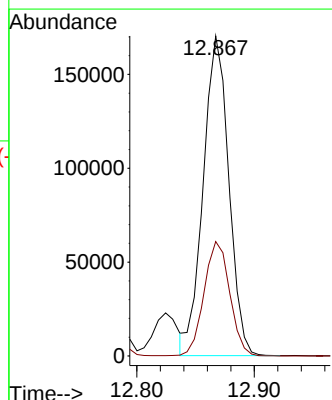
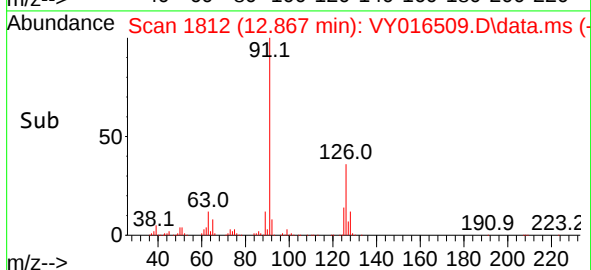
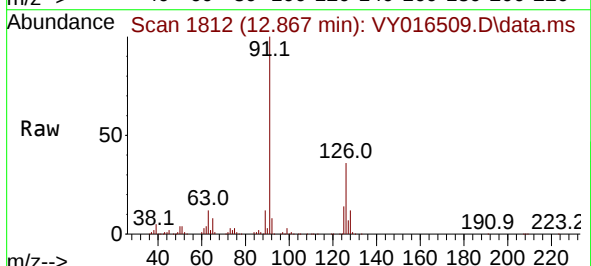
Manual Integrations
APPROVED

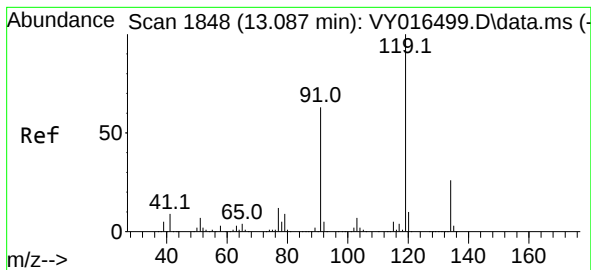
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#82
4-Chlorotoluene
Concen: 51.031 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Tgt Ion: 91 Resp: 257831
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.6





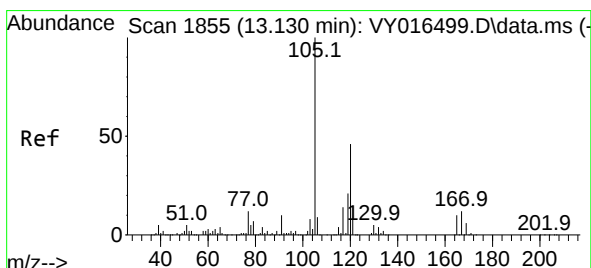
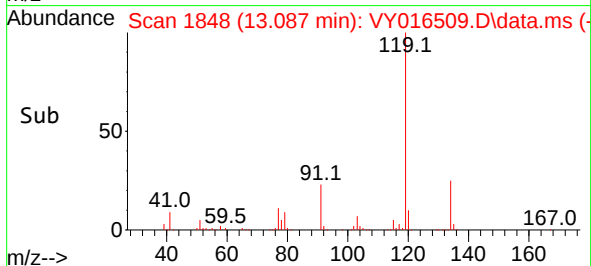
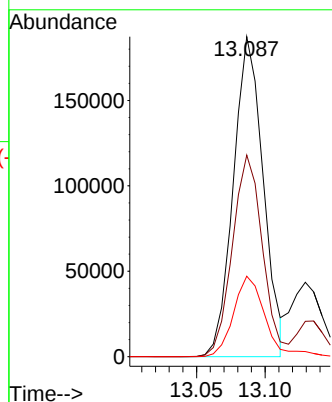
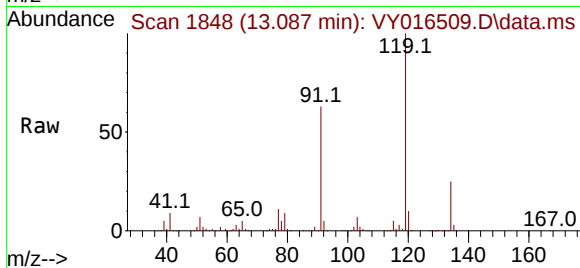
#83
tert-Butylbenzene
Concen: 53.317 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 28426
Ion Ratio Lower Upper
119 100
91 63.8 32.9 98.6
134 26.6 13.0 38.9

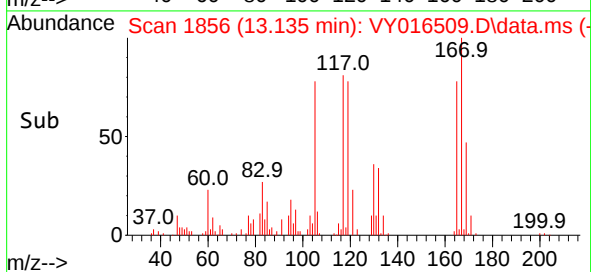
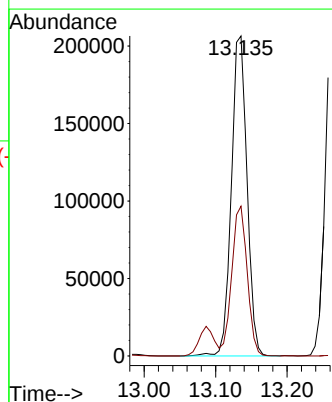
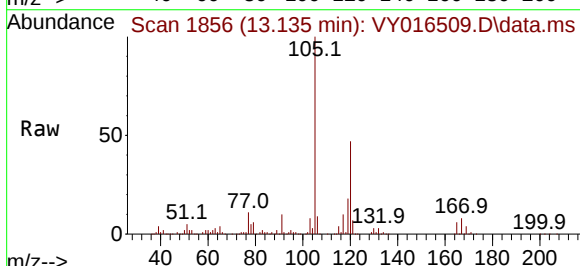
Manual Integrations
APPROVED

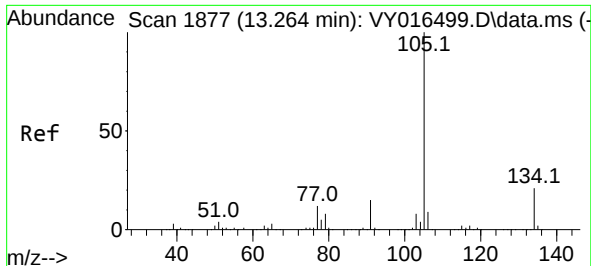
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 52.595 ug/l
RT: 13.135 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

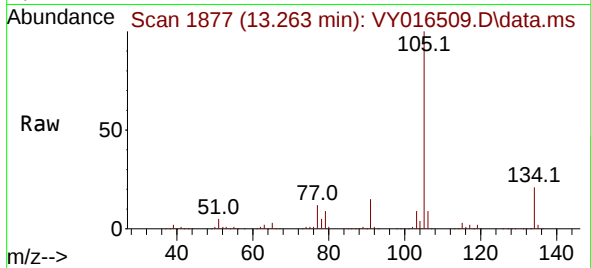
Tgt Ion:105 Resp: 313468
Ion Ratio Lower Upper
105 100
120 46.4 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 52.824 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016509.D
 Acq: 27 Nov 2023 16:56

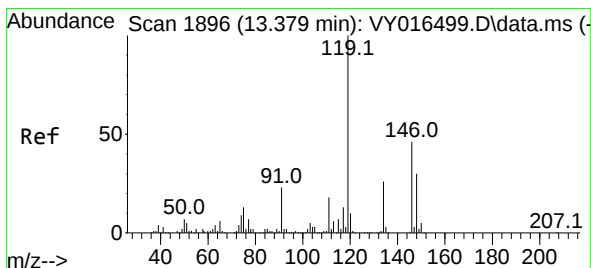
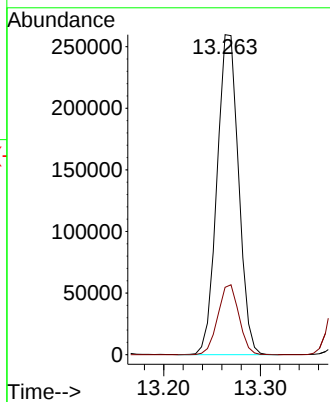
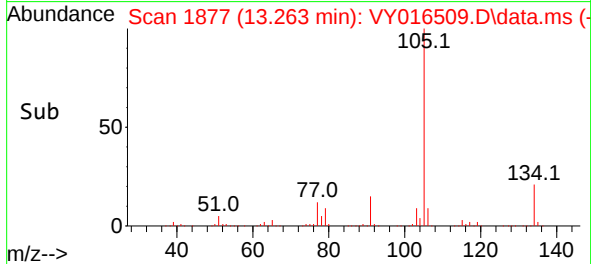
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



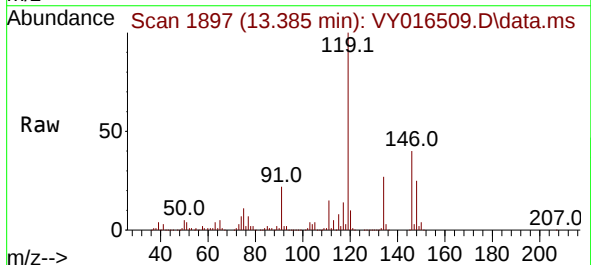
Tgt Ion:105 Resp: 40234
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.2 30.6

Manual Integrations
 APPROVED

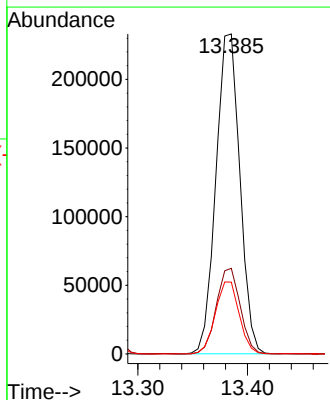
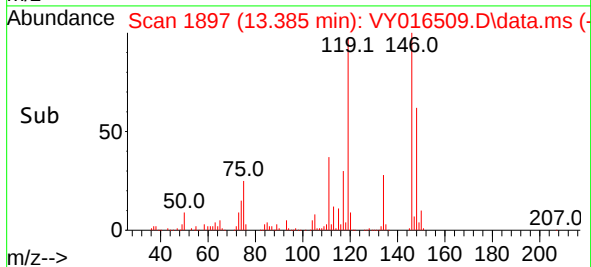
Reviewed By :John Carlone 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023

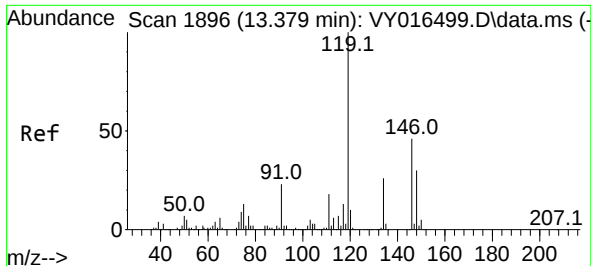


#86
 p-Isopropyltoluene
 Concen: 53.863 ug/l
 RT: 13.385 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY016509.D
 Acq: 27 Nov 2023 16:56



Tgt Ion:119 Resp: 353266
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 22.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.575 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 171620

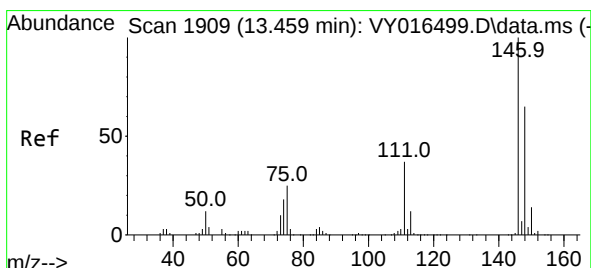
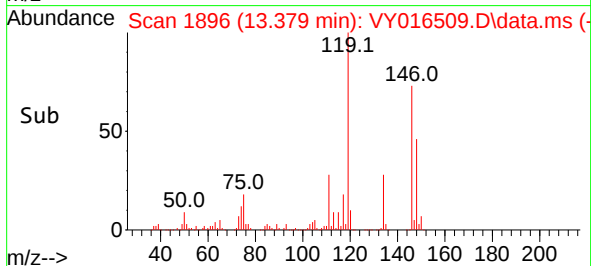
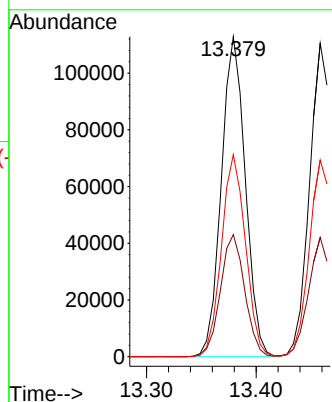
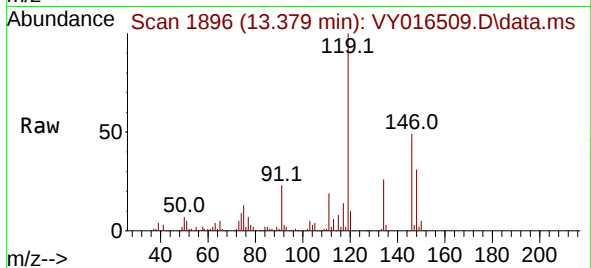
Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	63.2	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#88

1,4-Dichlorobenzene

Concen: 51.824 ug/l

RT: 13.458 min Scan# 1909

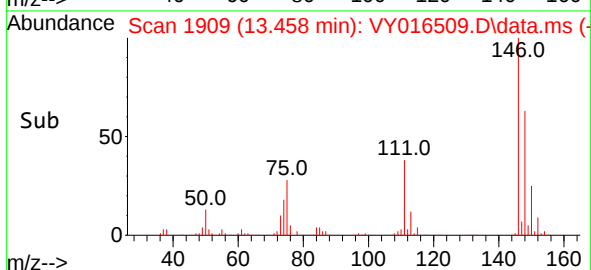
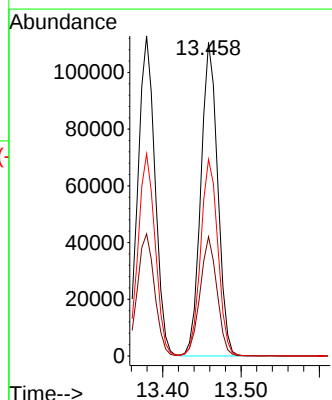
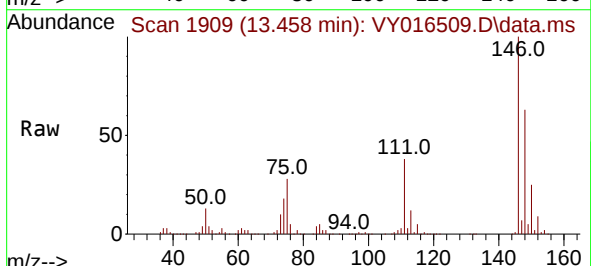
Delta R.T. 0.006 min

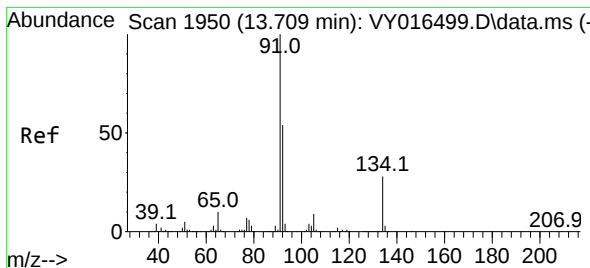
Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

Tgt Ion:146 Resp: 165335

Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.7
148	63.9	32.1	96.5





#89

n-Butylbenzene

Concen: 51.569 ug/l

RT: 13.708 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

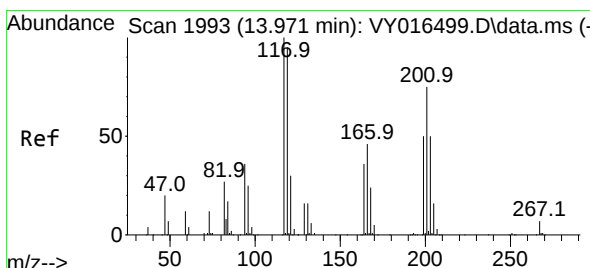
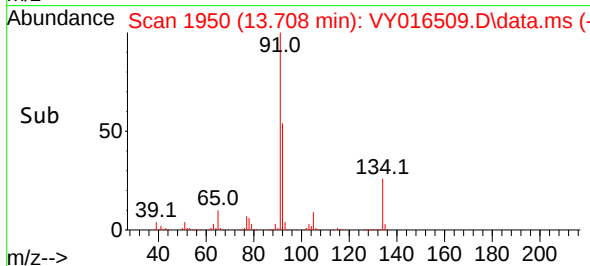
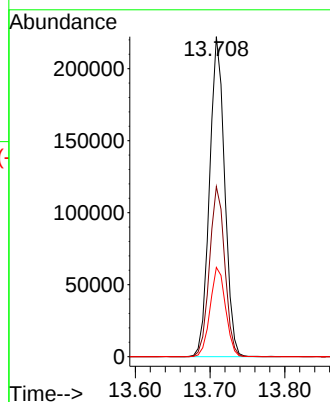
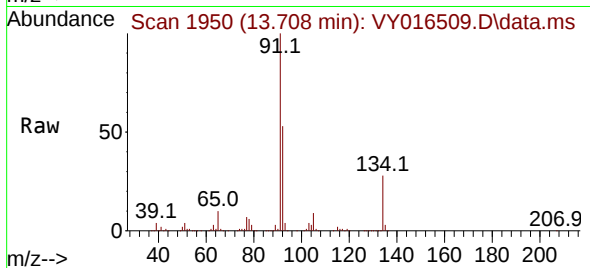
Tgt Ion: 91	Resp: 31235
Ion Ratio	Lower Upper
91	100
92	53.5 25.4 76.0
134	28.5 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#90

Hexachloroethane

Concen: 52.362 ug/l

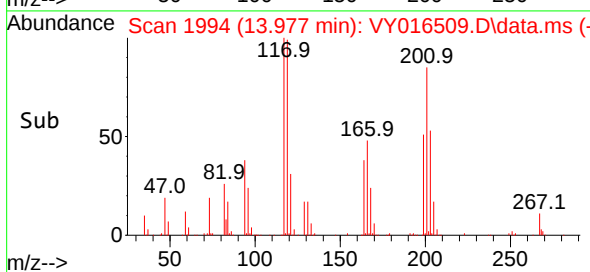
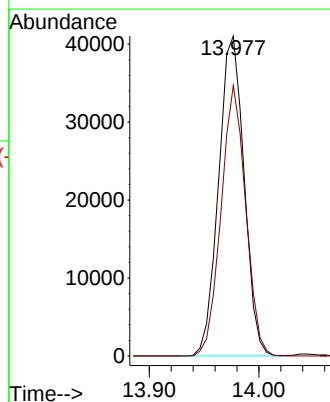
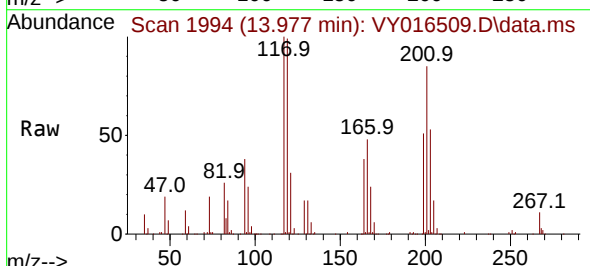
RT: 13.977 min Scan# 1994

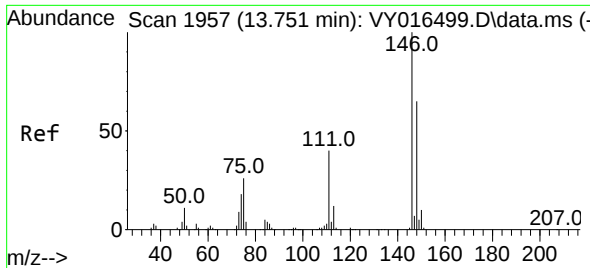
Delta R.T. 0.006 min

Lab File: VY016509.D

Acq: 27 Nov 2023 16:56

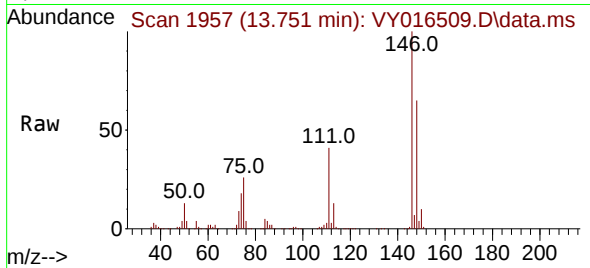
Tgt Ion: 117	Resp: 66247
Ion Ratio	Lower Upper
117	100
201	81.7 41.6 124.8





#91
1,2-Dichlorobenzene
Concen: 51.360 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

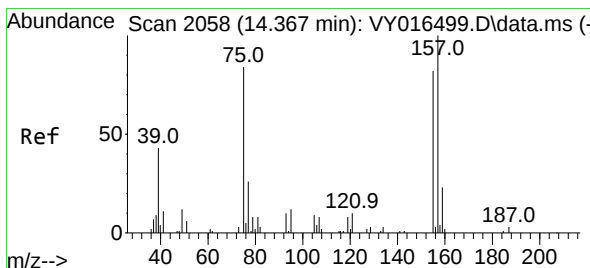
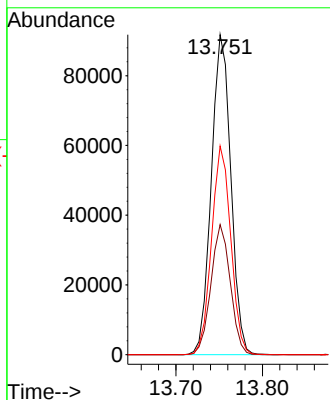
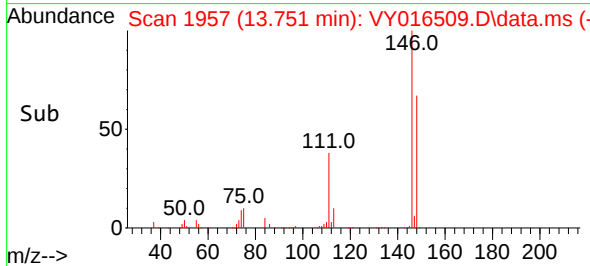
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 143668
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.0
148 64.3 32.0 96.2

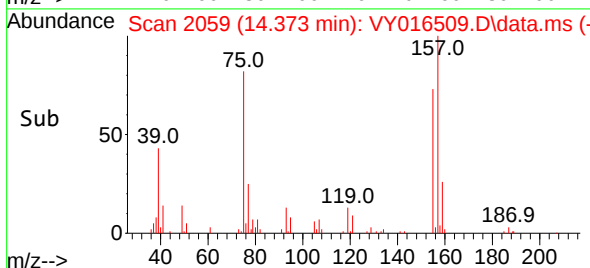
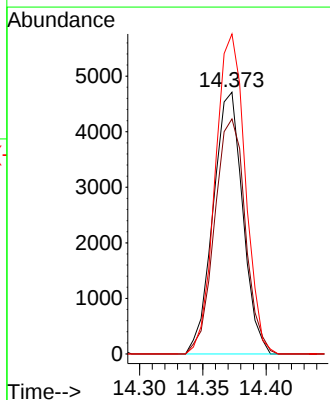
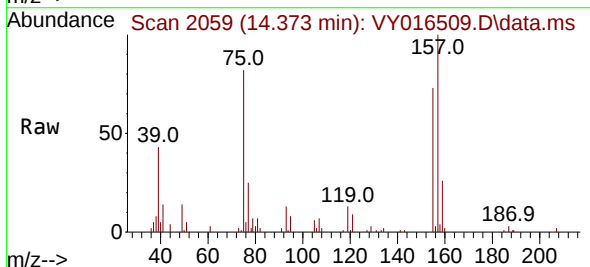
Manual Integrations
APPROVED

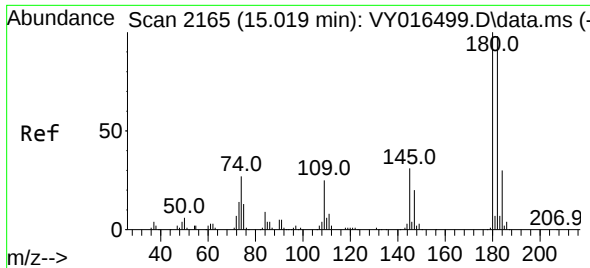
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.007 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

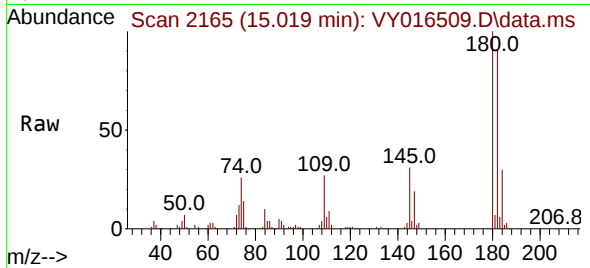
Tgt Ion: 75 Resp: 7668
Ion Ratio Lower Upper
75 100
155 93.2 41.5 124.6
157 123.6 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 50.749 ug/l
RT: 15.019 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

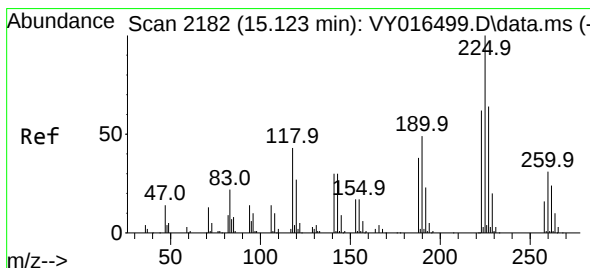
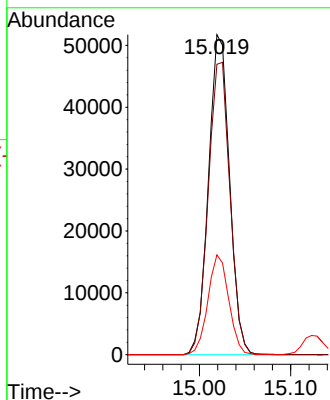
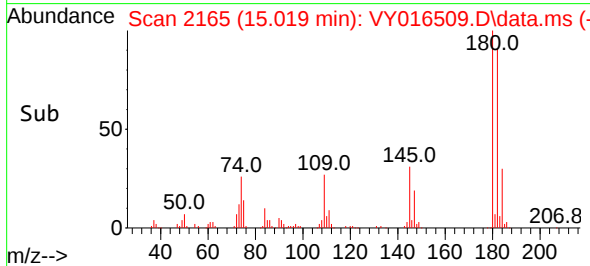
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 8286
Ion Ratio Lower Upper
180 100
182 94.6 47.0 141.2
145 30.9 14.5 43.5

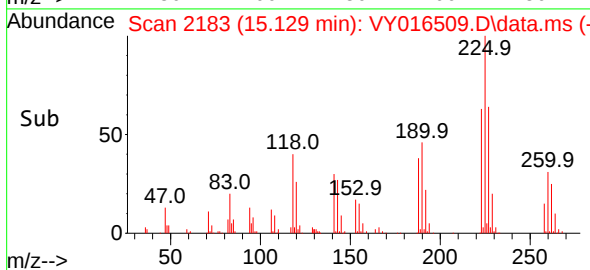
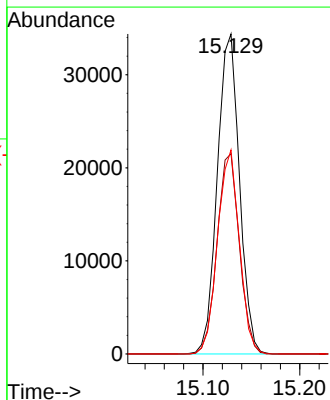
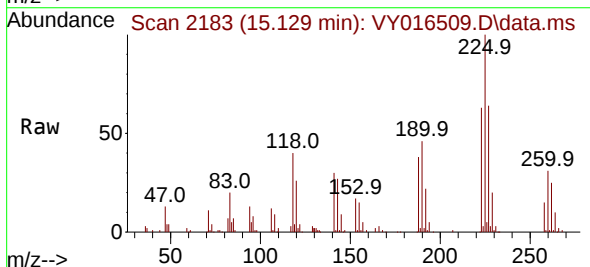
Manual Integrations
APPROVED

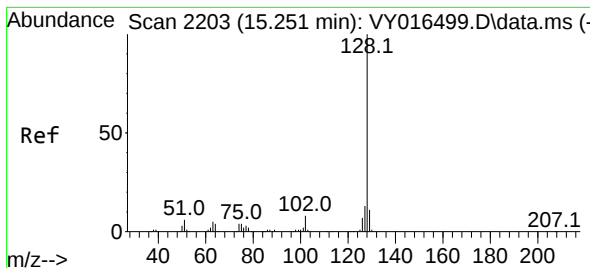
Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#94
Hexachlorobutadiene
Concen: 58.419 ug/l
RT: 15.129 min Scan# 2183
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

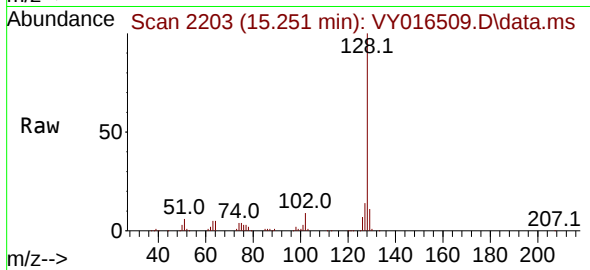
Tgt Ion:225 Resp: 54647
Ion Ratio Lower Upper
225 100
223 63.1 31.9 95.9
227 62.7 33.0 98.9





#95
Naphthalene
Concen: 44.364 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

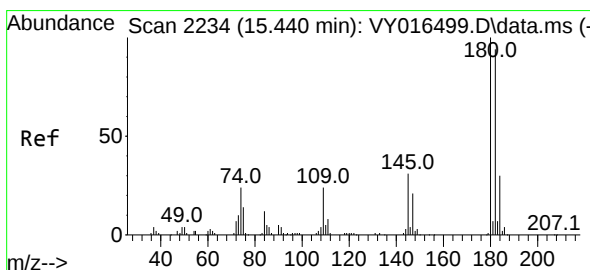
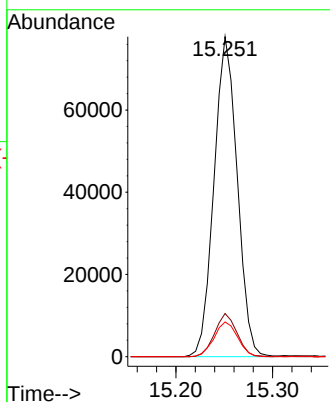
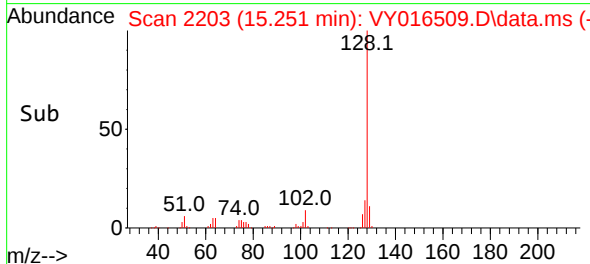
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 129550
Ion Ratio Lower Upper
128 100
127 12.9 10.8 16.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.944 ug/l
RT: 15.440 min Scan# 2234
Delta R.T. 0.006 min
Lab File: VY016509.D
Acq: 27 Nov 2023 16:56

Tgt Ion:180 Resp: 64749
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.8
145 32.1 15.4 46.2

