

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
 Data File : VY016142.D
 Acq On : 31 Oct 2023 12:26
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2023
 Supervised By : Mahesh Dadoda 11/01/2023

Quant Time: Nov 01 03:14:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:01:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	175600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	283774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	247396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	117344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	8180	4.978	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	9.960%#		
35) Dibromofluoromethane	7.734	113	8362	4.943	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	9.880%#		
50) Toluene-d8	10.191	98	32404	4.831	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	9.660%#		
62) 4-Bromofluorobenzene	12.495	95	12004	5.234	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	10.460%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	4910	4.383	ug/l	99
3) Chloromethane	2.125	50	7444	4.800	ug/l	97
4) Vinyl Chloride	2.259	62	7061	4.411	ug/l	91
5) Bromomethane	2.662	94	4944	4.577	ug/l	96
6) Chloroethane	2.808	64	4871	4.322	ug/l	96
7) Trichlorofluoromethane	3.143	101	10867	4.497	ug/l	100
8) Diethyl Ether	3.540	74	3566	4.452	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.918	101	7223	4.745	ug/l	97
10) Methyl Iodide	4.107	142	7351	4.342	ug/l	99
11) Tert butyl alcohol	4.972	59	3603	29.348	ug/l #	90
12) 1,1-Dichloroethene	3.893	96	6512	4.687	ug/l #	79
13) Acrolein	3.741	56	3770	25.898	ug/l	100
14) Allyl chloride	4.503	41	9028	4.542	ug/l	97
15) Acrylonitrile	5.186	53	7821	22.852	ug/l	98
16) Acetone	3.966	43	10329	21.976	ug/l	99
17) Carbon Disulfide	4.216	76	15075	4.346	ug/l #	92
18) Methyl Acetate	4.497	43	6228	4.713	ug/l #	90
19) Methyl tert-butyl Ether	5.234	73	17015	4.305	ug/l	91
20) Methylene Chloride	4.735	84	11992	4.398	ug/l	85
21) trans-1,2-Dichloroethene	5.241	96	7389	4.565	ug/l	93
22) Diisopropyl ether	6.137	45	21038	4.376	ug/l	91
23) Vinyl Acetate	6.082	43	52134	22.089	ug/l #	88
24) 1,1-Dichloroethane	6.039	63	12654	4.398	ug/l #	89
25) 2-Butanone	7.002	43	12077	26.641	ug/l	99
26) 2,2-Dichloropropane	6.996	77	11754	4.322	ug/l	97
27) cis-1,2-Dichloroethene	7.009	96	8513	4.469	ug/l	91
28) Bromochloromethane	7.350	49	5502	5.111	ug/l #	92
29) Tetrahydrofuran	7.368	42	6331	22.279	ug/l	93
30) Chloroform	7.521	83	13911	4.441	ug/l	95
31) Cyclohexane	7.801	56	13727	5.434	ug/l #	65
32) 1,1,1-Trichloroethane	7.722	97	12828	4.466	ug/l	98
36) 1,1-Dichloropropene	7.935	75	11067	4.530	ug/l	99
37) Ethyl Acetate	7.094	43	5080	4.669	ug/l	99
38) Carbon Tetrachloride	7.917	117	9725	4.018	ug/l	88
39) Methylcyclohexane	9.197	83	13227	4.536	ug/l	94
40) Benzene	8.179	78	32688	4.661	ug/l	95

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 ALS Vial : 4 Sample Multiplier: 1

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 MSVOA_Y
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
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Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2023
 Supervised By : Mahesh Dadoda 11/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	3298	5.222	ug/l #	80
42) 1,2-Dichloroethane	8.252	62	8971	4.584	ug/l	95
43) Isopropyl Acetate	8.289	43	9496	4.412	ug/l	95
44) Trichloroethene	8.953	130	9360	4.561	ug/l	95
45) 1,2-Dichloropropane	9.228	63	7213	4.275	ug/l	99
46) Dibromomethane	9.319	93	4317	4.511	ug/l	96
47) Bromodichloromethane	9.514	83	10723	4.410	ug/l	95
48) Methyl methacrylate	9.307	41	4063	4.151	ug/l #	88
49) 1,4-Dioxane	9.319	88	2118	60.320	ug/l #	52
51) 4-Methyl-2-Pentanone	10.081	43	23675	22.046	ug/l	94
52) Toluene	10.258	92	20634	4.540	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	10727	4.419	ug/l	95
54) cis-1,3-Dichloropropene	9.941	75	12557	4.408	ug/l #	89
55) 1,1,2-Trichloroethane	10.654	97	6033	4.481	ug/l	99
56) Ethyl methacrylate	10.520	69	7433	4.251	ug/l	88
57) 1,3-Dichloropropane	10.801	76	10755	4.693	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	20735	24.457	ug/l	91
59) 2-Hexanone	10.843	43	16320	22.177	ug/l	93
60) Dibromochloromethane	10.996	129	7398	4.380	ug/l	99
61) 1,2-Dibromoethane	11.099	107	5766	4.503	ug/l	97
64) Tetrachloroethene	10.733	164	10663	4.846	ug/l	93
65) Chlorobenzene	11.526	112	22328	4.543	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	7771	4.269	ug/l	93
67) Ethyl Benzene	11.605	91	37881	4.309	ug/l	99
68) m/p-Xylenes	11.715	106	29304	8.626	ug/l	99
69) o-Xylene	12.044	106	14348	4.424	ug/l	95
70) Styrene	12.056	104	23359	4.332	ug/l	97
71) Bromoform	12.221	173	4453	4.409	ug/l #	95
73) Isopropylbenzene	12.343	105	38366	4.359	ug/l	100
74) N-amyl acetate	12.154	43	8057	4.212	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.593	83	6219	4.440	ug/l	92
76) 1,2,3-Trichloropropane	12.642	75	5108m	4.125	ug/l	
77) Bromobenzene	12.623	156	8930	4.480	ug/l	94
78) n-propylbenzene	12.678	91	46789	4.496	ug/l	99
79) 2-Chlorotoluene	12.770	91	25722	4.432	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	31858	4.467	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.392	75	2297	4.507	ug/l	93
82) 4-Chlorotoluene	12.867	91	27225	4.568	ug/l	100
83) tert-Butylbenzene	13.087	119	28072	4.399	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	32562	4.615	ug/l	98
85) sec-Butylbenzene	13.263	105	42584	4.547	ug/l	99
86) p-Isopropyltoluene	13.379	119	35196	4.534	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	18216	4.621	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	18734	4.809	ug/l	93
89) n-Butylbenzene	13.709	91	33801	4.739	ug/l	97
90) Hexachloroethane	13.971	117	5530	4.134	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	15889	4.665	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	1342	5.354	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	10638	5.061	ug/l	97
94) Hexachlorobutadiene	15.123	225	5863	5.104	ug/l	97
95) Naphthalene	15.245	128	21188	5.188	ug/l	97
96) 1,2,3-Trichlorobenzene	15.434	180	9342	5.202	ug/l	98

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

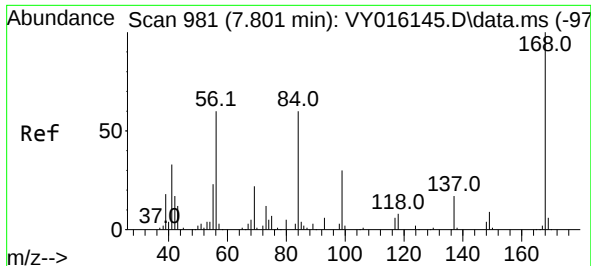
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

Quant Time: Nov 01 03:14:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:01:33 2023
Response via : Initial Calibration

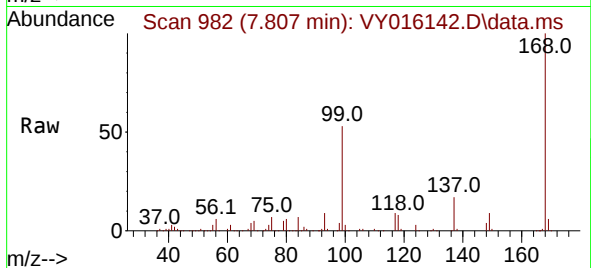
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

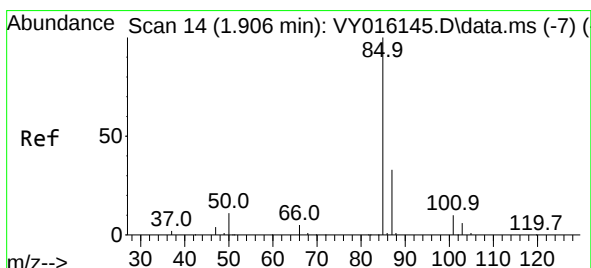
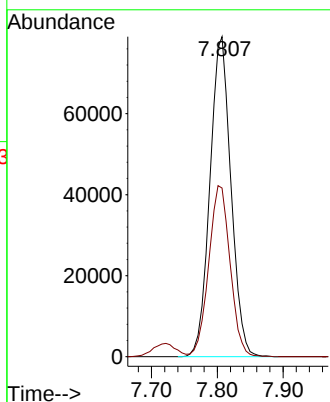
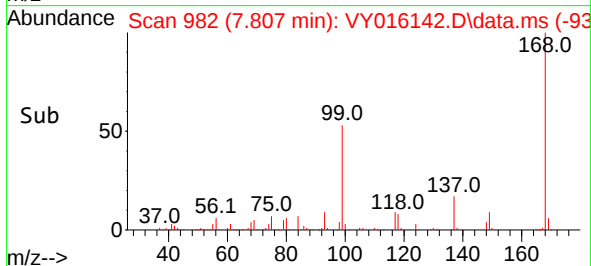
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 175600
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0

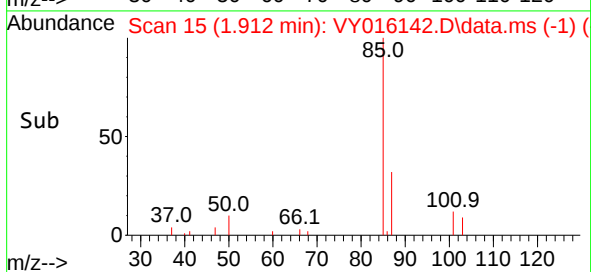
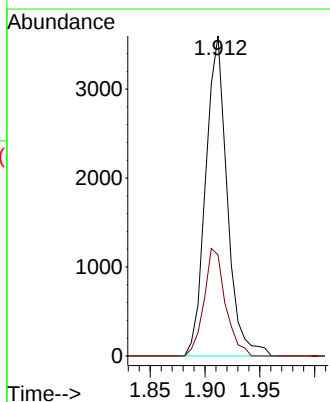
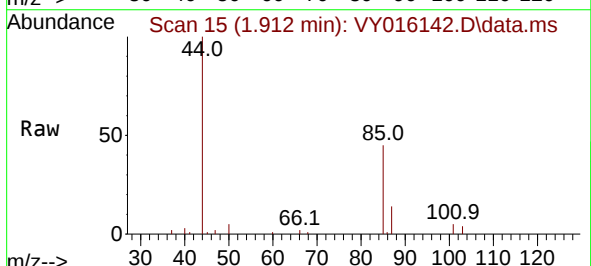
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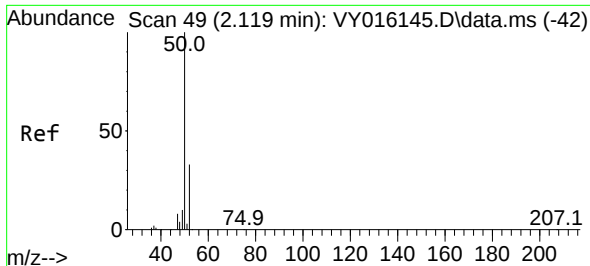
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#2
Dichlorodifluoromethane
Concen: 4.383 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

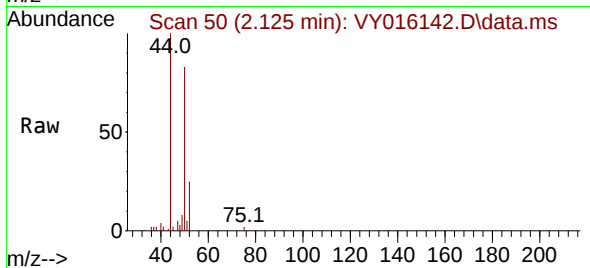
Tgt Ion: 85 Resp: 4910
Ion Ratio Lower Upper
85 100
87 31.6 15.6 46.8





#3
Chloromethane
Concen: 4.800 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

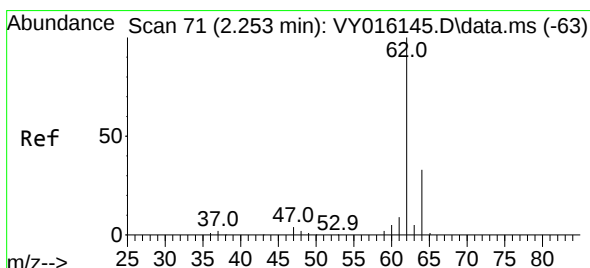
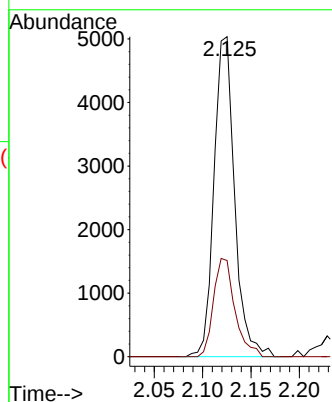
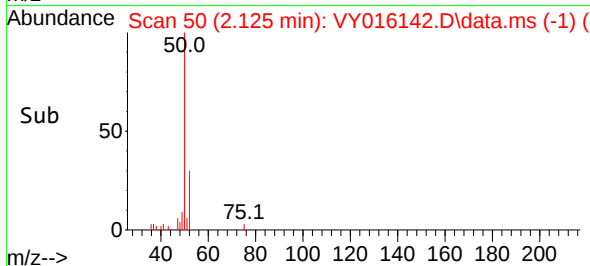
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 744
Ion Ratio Lower Upper
50 100
52 30.1 25.4 38.2

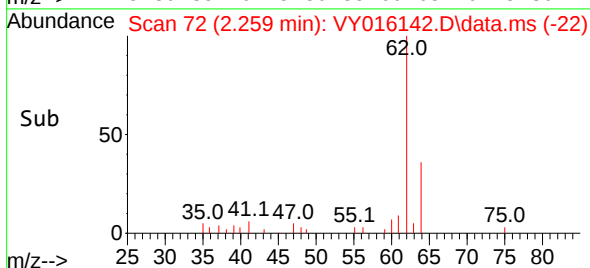
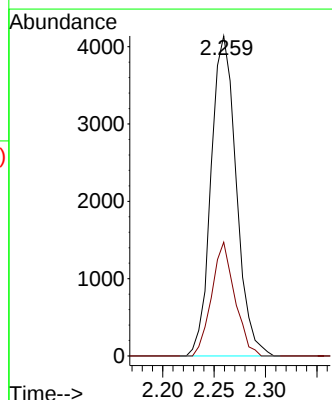
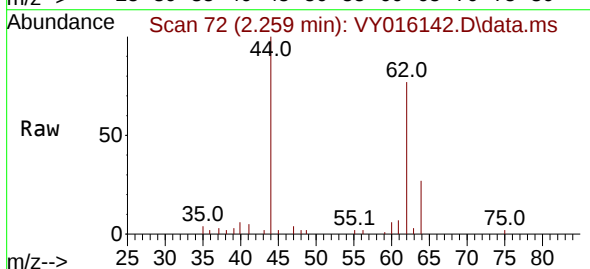
Manual Integrations
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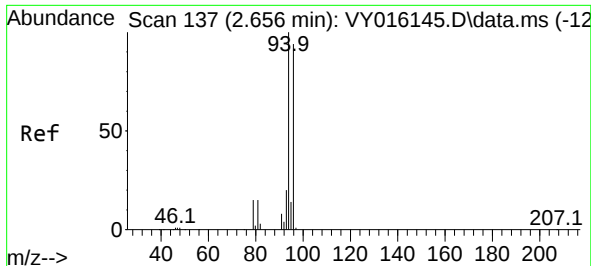
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#4
Vinyl Chloride
Concen: 4.411 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

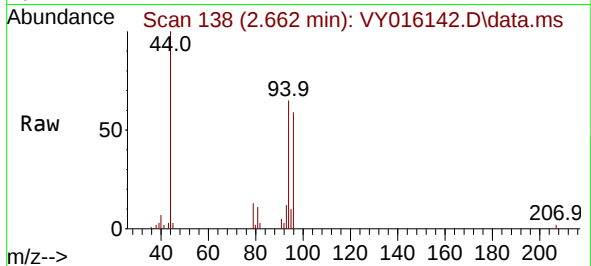
Tgt Ion: 62 Resp: 7061
Ion Ratio Lower Upper
62 100
64 35.6 24.3 36.5





#5
Bromomethane
Concen: 4.577 ug/l
RT: 2.662 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

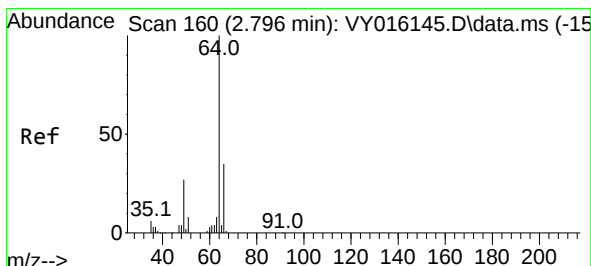
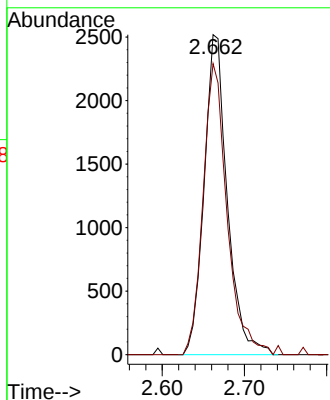
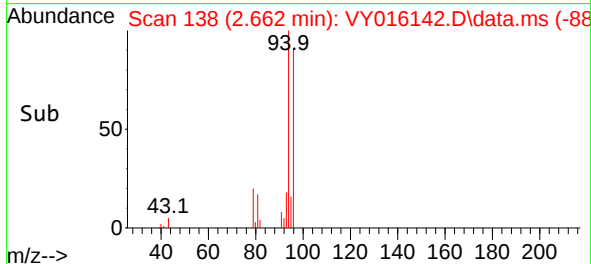
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 4944
Ion Ratio Lower Upper
94 100
96 90.9 75.8 113.6

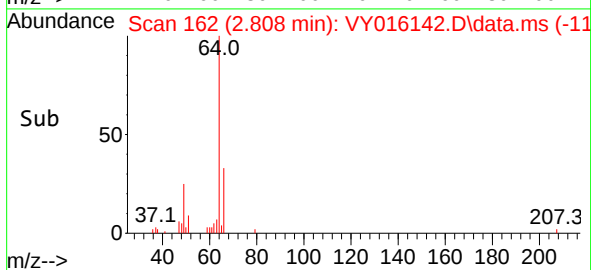
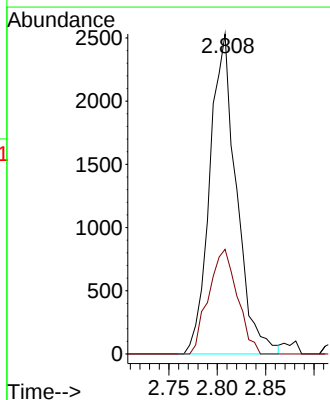
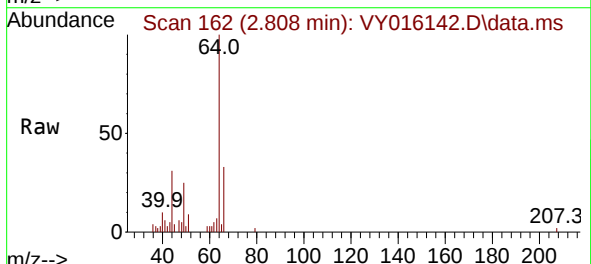
Manual Integrations
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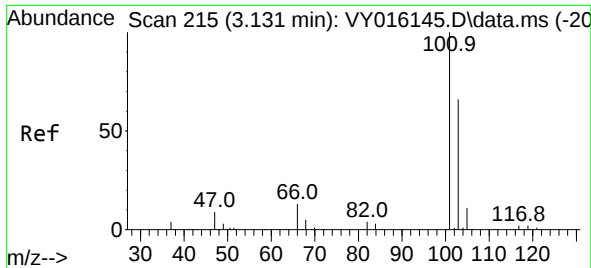
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#6
Chloroethane
Concen: 4.322 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.012 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Tgt Ion: 64 Resp: 4871
Ion Ratio Lower Upper
64 100
66 32.7 24.4 36.6





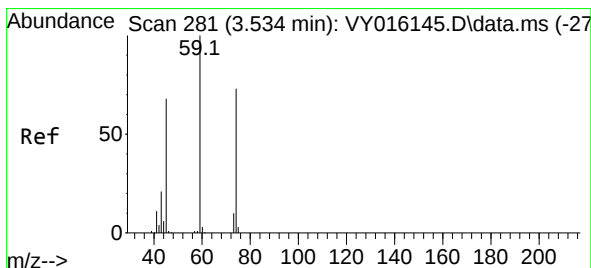
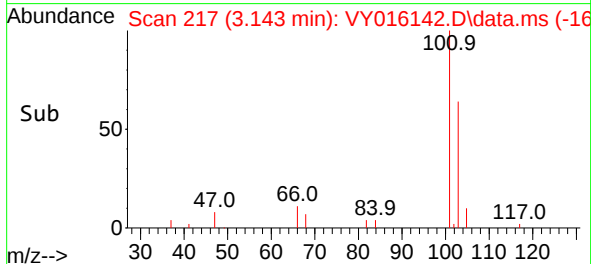
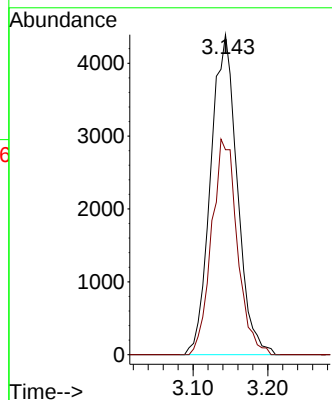
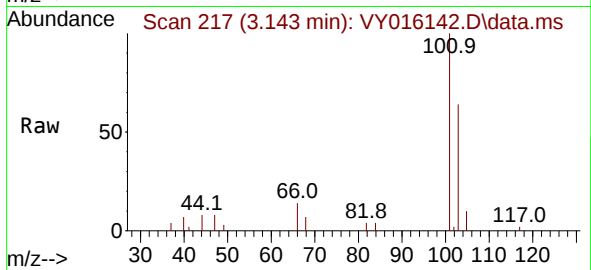
#7
Trichlorofluoromethane
Concen: 4.497 ug/l
RT: 3.143 min Scan# 215
Delta R.T. 0.012 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1086
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0

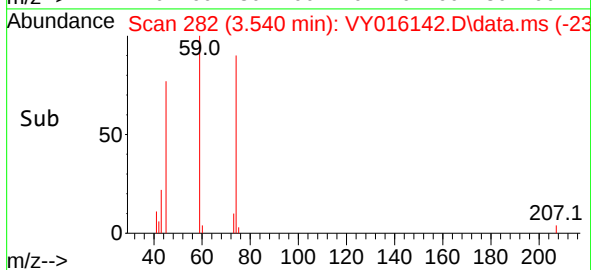
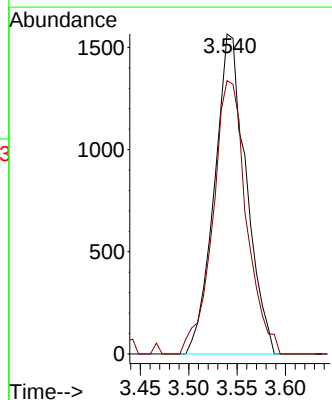
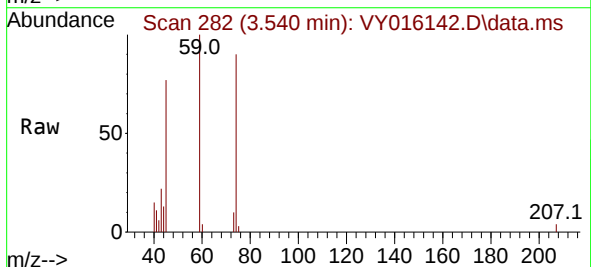
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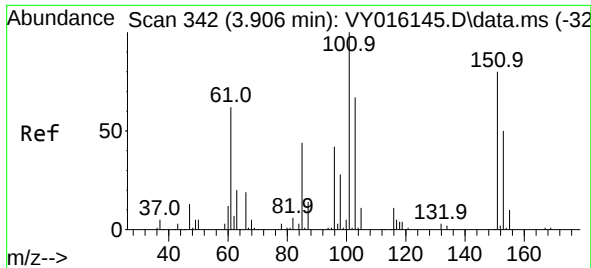
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#8
Diethyl Ether
Concen: 4.452 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Tgt Ion: 74 Resp: 3566
Ion Ratio Lower Upper
74 100
45 90.4 51.5 154.5





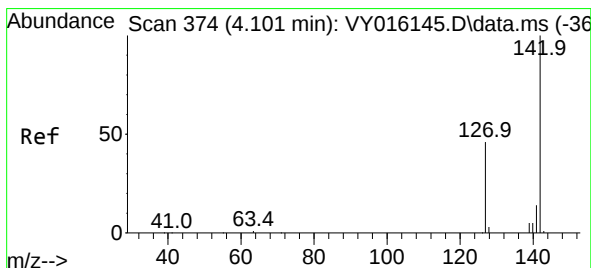
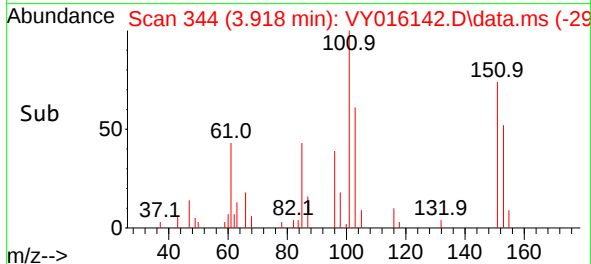
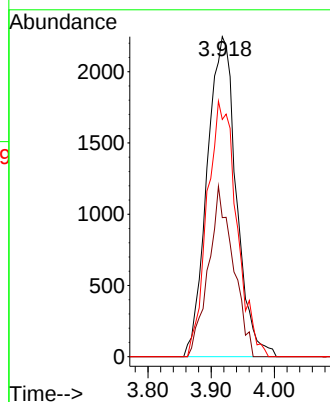
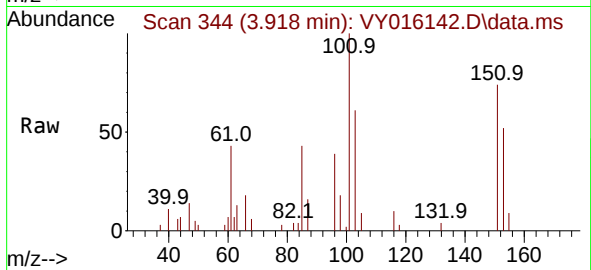
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.745 ug/l
RT: 3.918 min Scan# 342
Delta R.T. 0.012 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 722
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 80.4 67.0 100.6

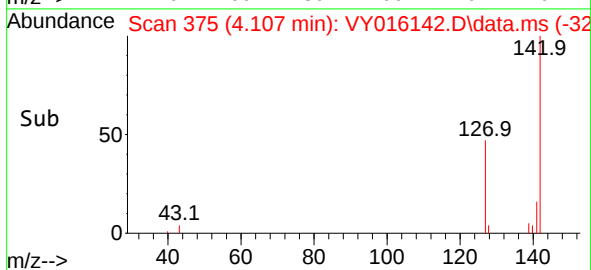
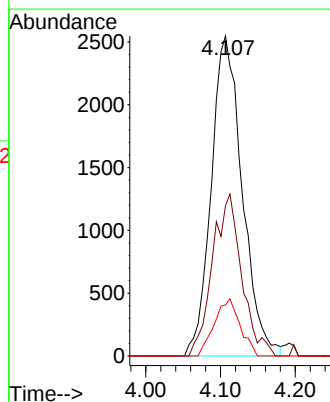
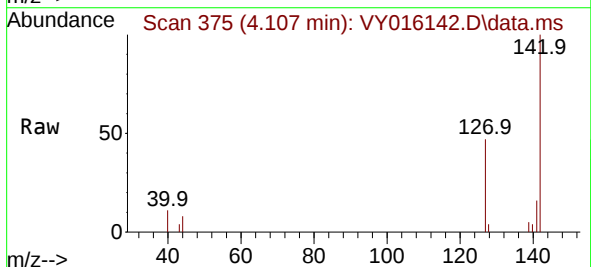
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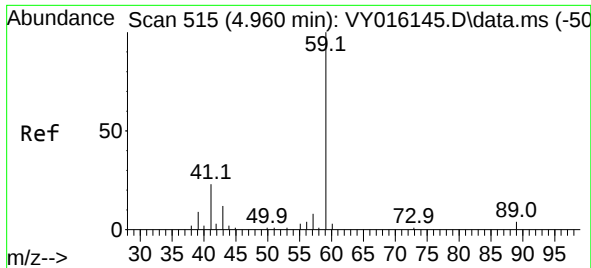
Reviewed By :John Carbone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#10
Methyl Iodide
Concen: 4.342 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Tgt Ion:142 Resp: 7351
Ion Ratio Lower Upper
142 100
127 47.7 37.6 56.4
141 14.8 11.8 17.8





#11

Tert butyl alcohol

Concen: 29.348 ug/l

RT: 4.972 min Scan# 515

Delta R.T. 0.012 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 360

Ion Ratio Lower Upper

59 100

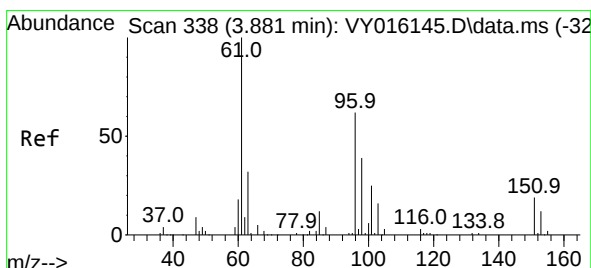
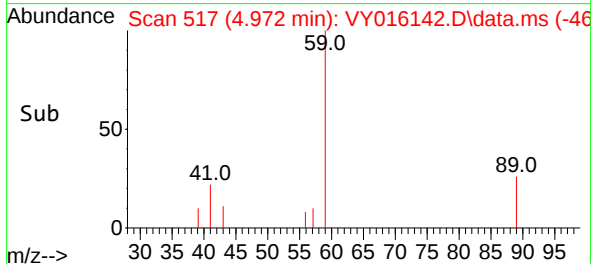
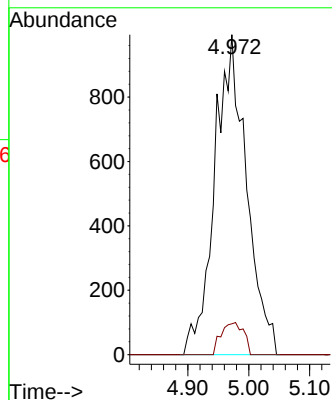
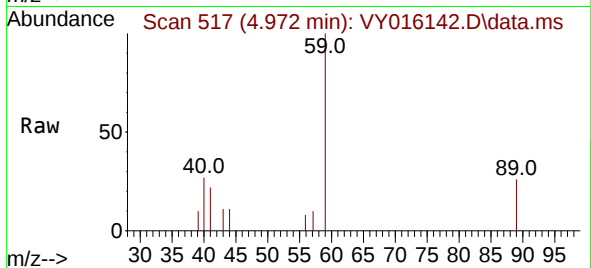
57 7.1 3.0 4.4

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Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#12

1,1-Dichloroethene

Concen: 4.687 ug/l

RT: 3.893 min Scan# 340

Delta R.T. 0.012 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

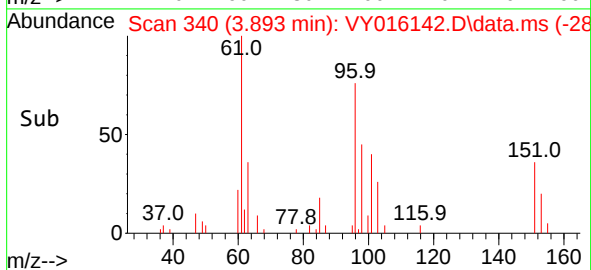
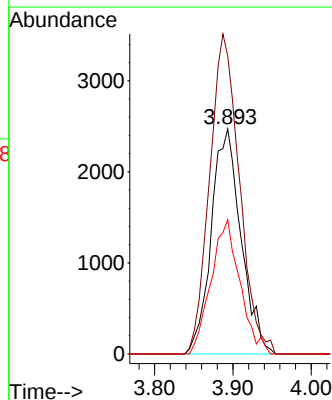
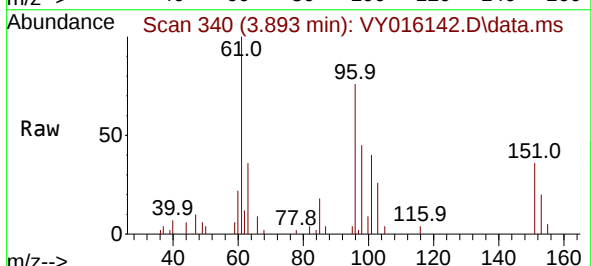
Tgt Ion: 96 Resp: 6512

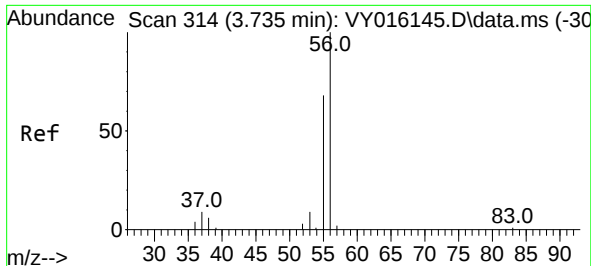
Ion Ratio Lower Upper

96 100

61 132.4 136.4 204.6

98 59.6 49.4 74.2





#13

Acrolein

Concen: 25.898 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 3770

Ion Ratio Lower Upper

56 100

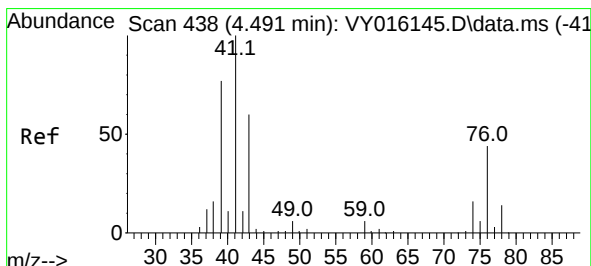
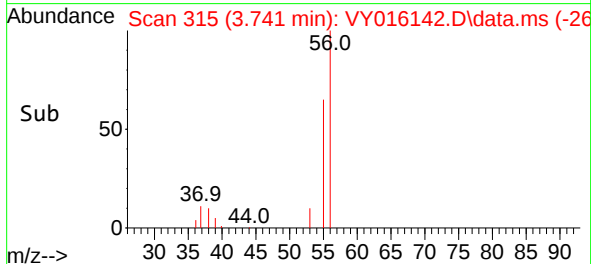
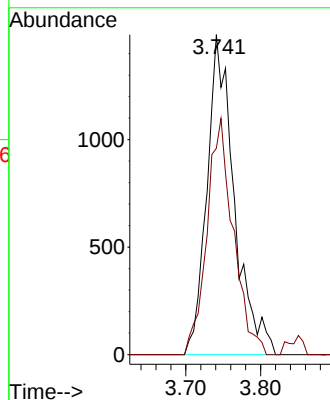
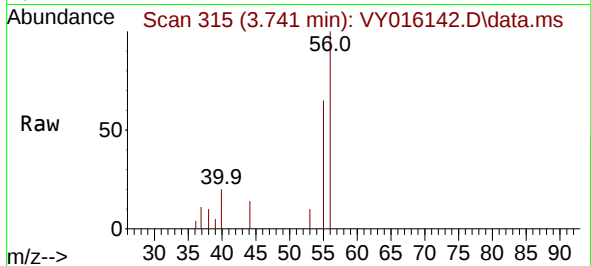
55 71.5 57.0 85.4

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Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#14

Allyl chloride

Concen: 4.542 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

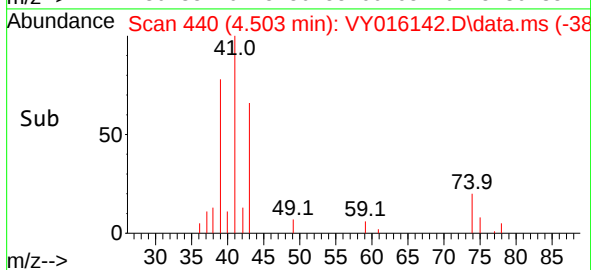
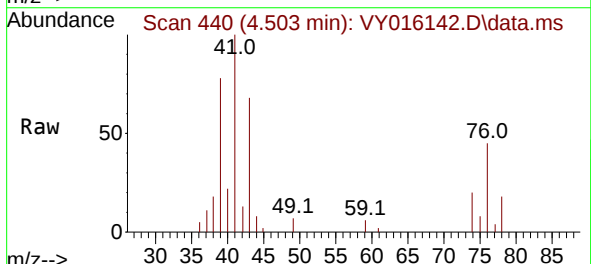
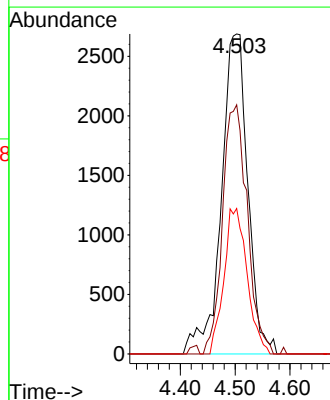
Tgt Ion: 41 Resp: 9028

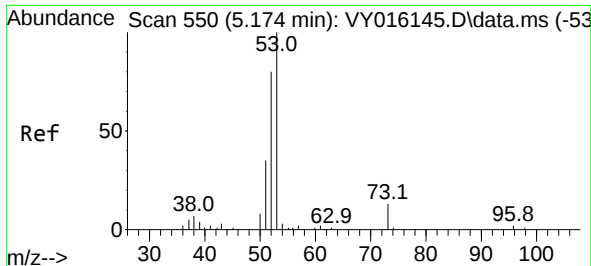
Ion Ratio Lower Upper

41 100

39 72.5 58.0 87.0

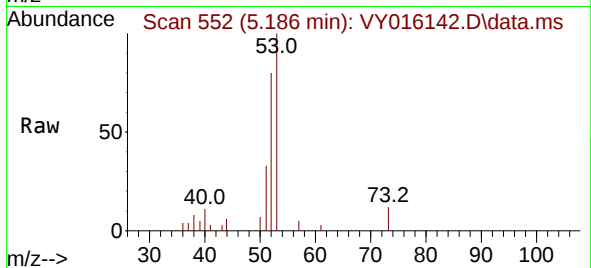
76 39.8 27.4 41.2





#15
Acrylonitrile
Concen: 22.852 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

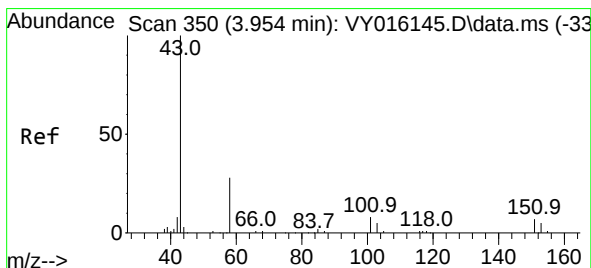
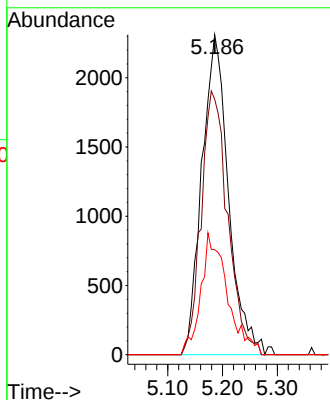
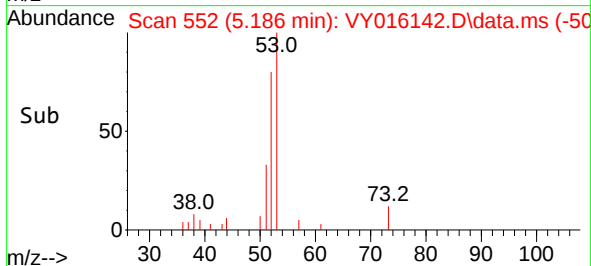
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



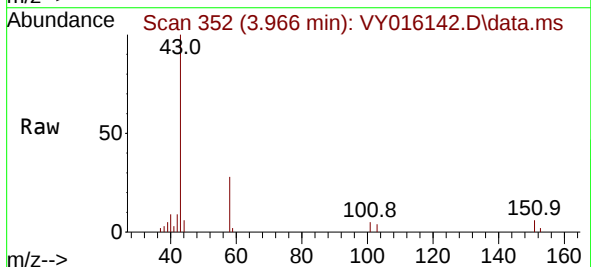
Tgt Ion: 53 Resp: 782
Ion Ratio Lower Upper
53 100
52 81.7 66.9 100.3
51 37.6 29.8 44.6

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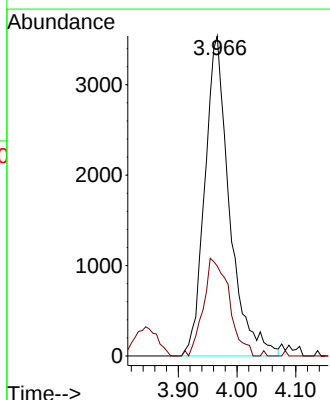
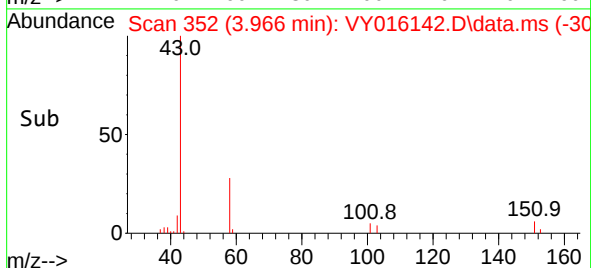
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

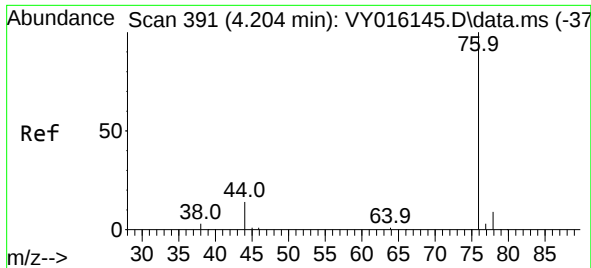


#16
Acetone
Concen: 21.976 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26



Tgt Ion: 43 Resp: 10329
Ion Ratio Lower Upper
43 100
58 28.1 22.7 34.1





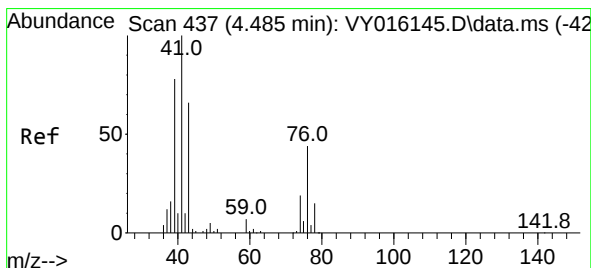
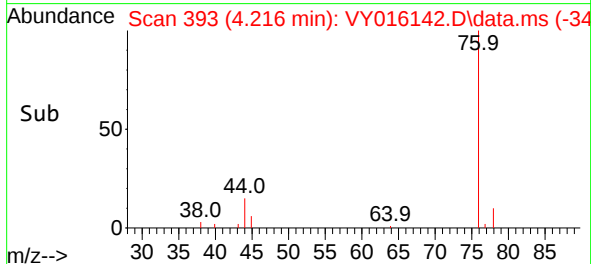
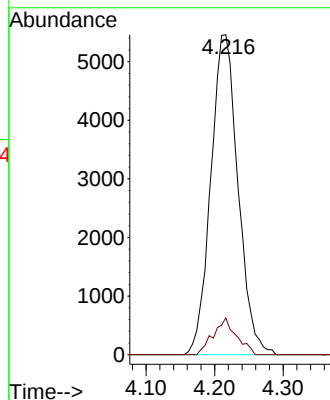
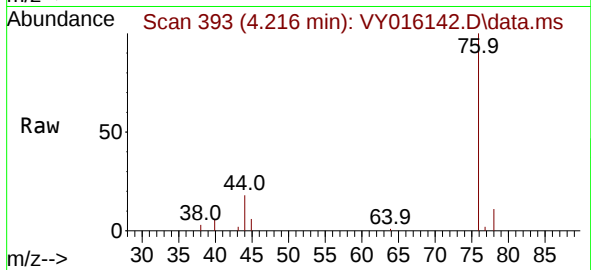
#17
Carbon Disulfide
Concen: 4.346 ug/l
RT: 4.216 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 1507
Ion Ratio Lower Upper
76 100
78 11.5 7.0 10.4

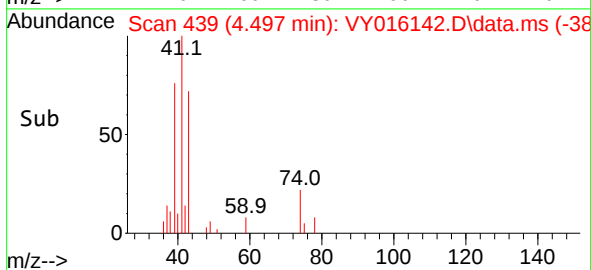
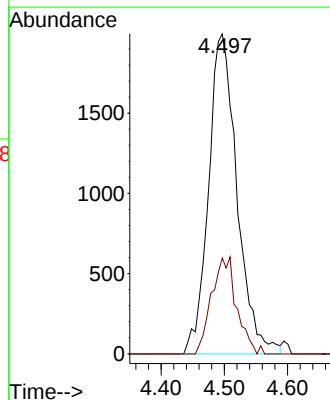
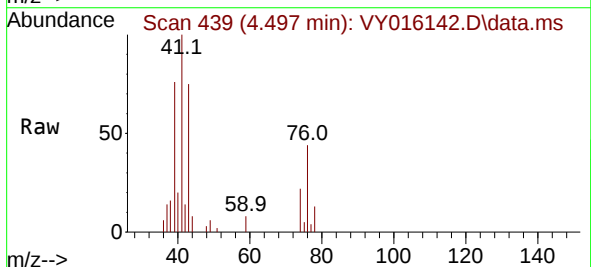
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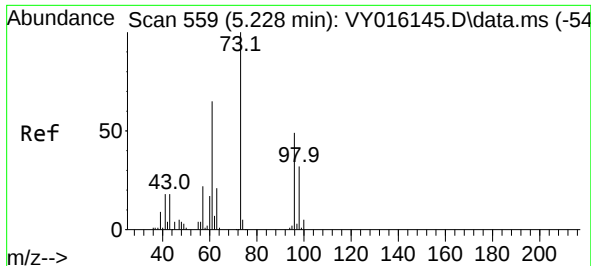
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#18
Methyl Acetate
Concen: 4.713 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Tgt Ion: 43 Resp: 6228
Ion Ratio Lower Upper
43 100
74 26.6 17.4 26.0





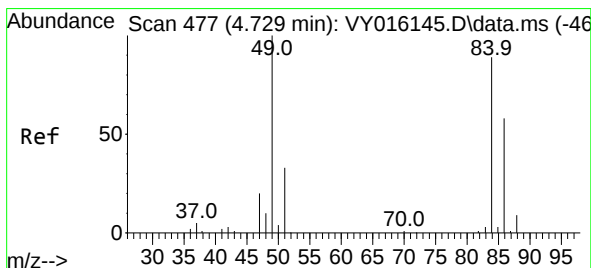
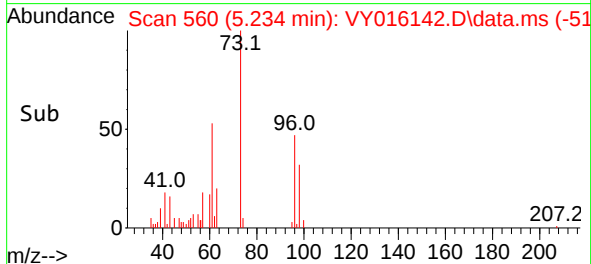
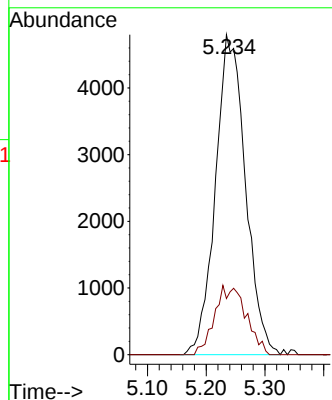
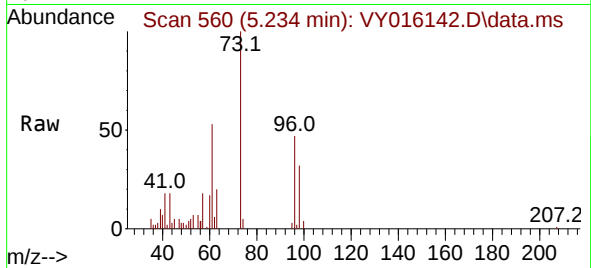
#19
Methyl tert-butyl Ether
Concen: 4.305 ug/l
RT: 5.234 min Scan# 501
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 1701
Ion Ratio Lower Upper
73 100
57 17.5 17.3 25.9

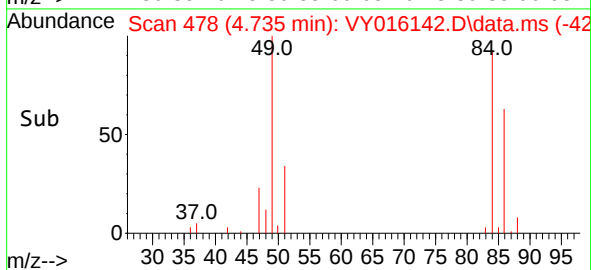
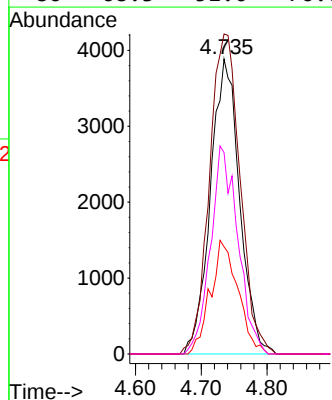
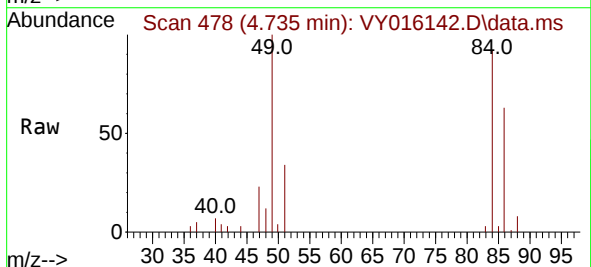
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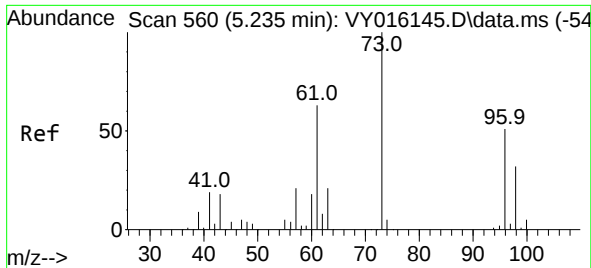
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#20
Methylene Chloride
Concen: 4.398 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

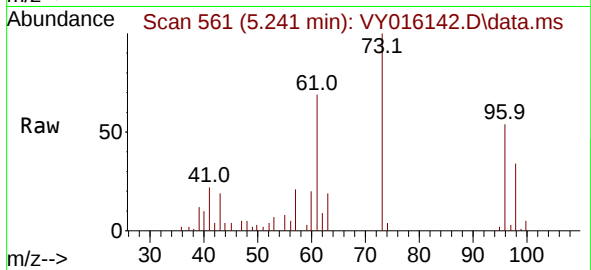
Tgt Ion: 84 Resp: 11992
Ion Ratio Lower Upper
84 100
49 108.5 106.9 160.3
51 36.4 33.2 49.8
86 68.3 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 4.565 ug/l
RT: 5.241 min Scan# 501
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

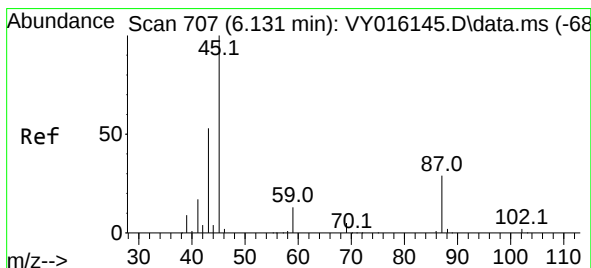
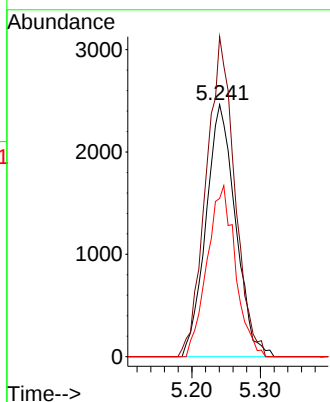
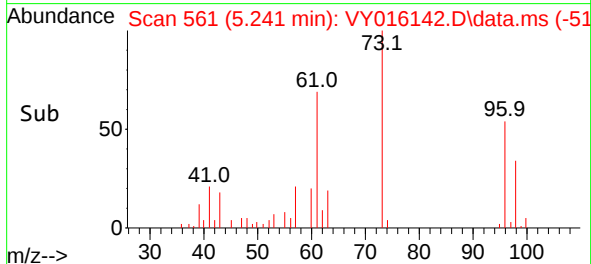
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



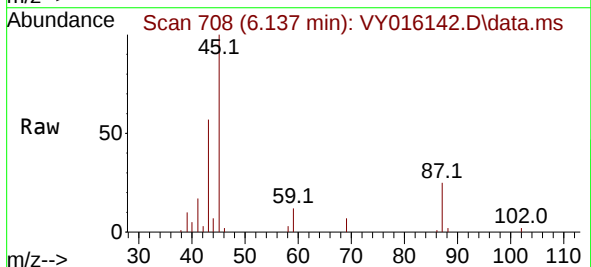
Tgt Ion: 96 Resp: 7389
Ion Ratio Lower Upper
96 100
61 127.0 110.2 165.4
98 62.8 51.8 77.6

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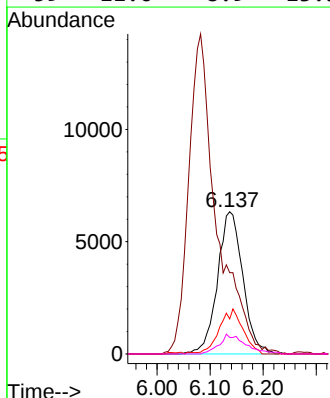
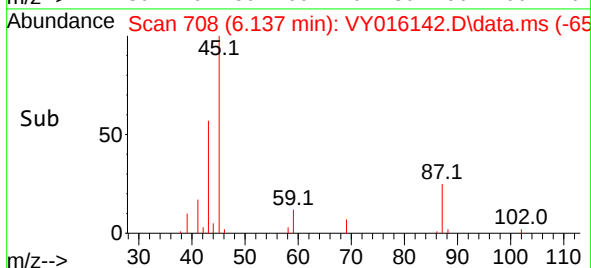
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

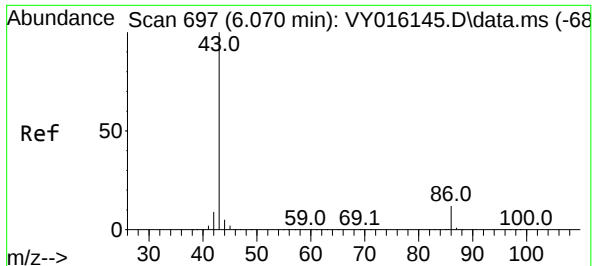


#22
Diisopropyl ether
Concen: 4.376 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26



Tgt Ion: 45 Resp: 21038
Ion Ratio Lower Upper
45 100
43 55.3 52.2 78.4
87 24.7 21.0 31.6
59 11.6 8.9 13.3





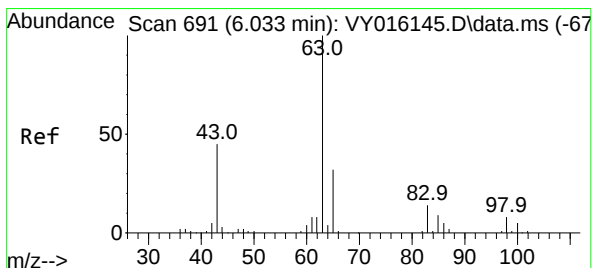
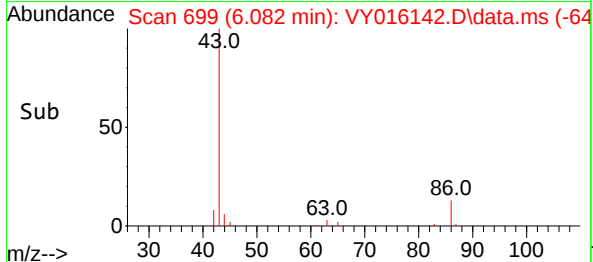
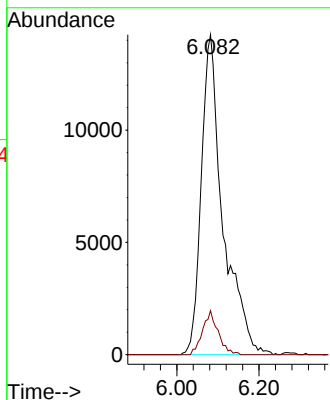
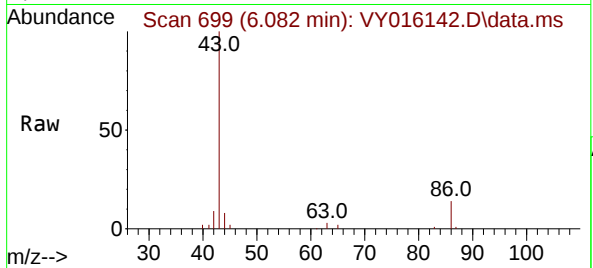
#23
 Vinyl Acetate
 Concen: 22.089 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY016142.D
 Acq: 31 Oct 2023 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 52134
 Ion Ratio Lower Upper
 43 100
 86 13.7 7.5 11.3

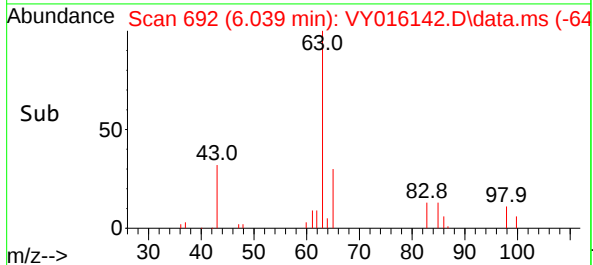
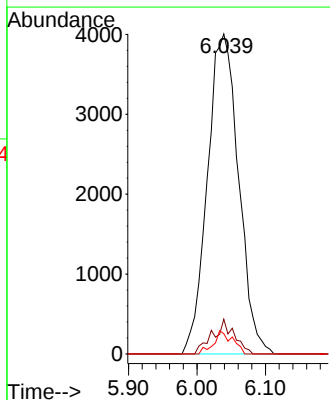
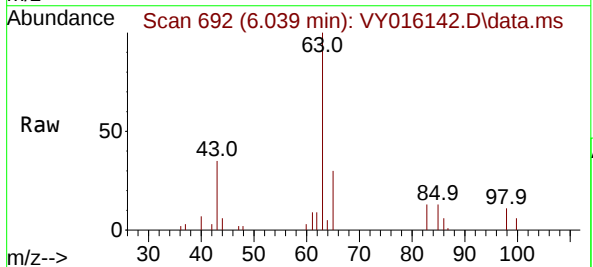
Manual Integrations
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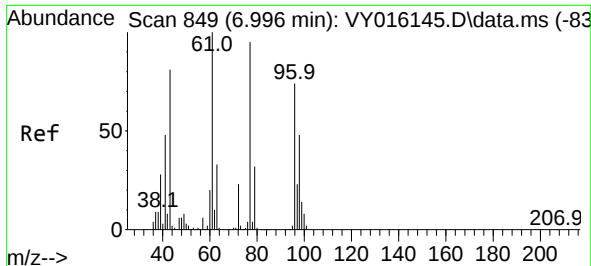
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#24
 1,1-Dichloroethane
 Concen: 4.398 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016142.D
 Acq: 31 Oct 2023 12:26

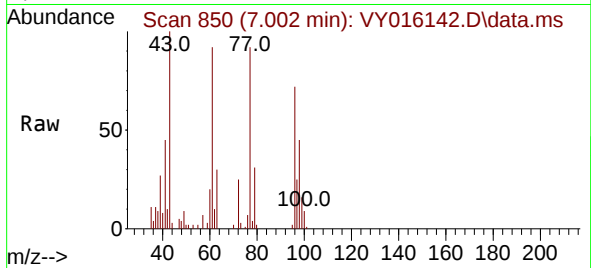
Tgt Ion: 63 Resp: 12654
 Ion Ratio Lower Upper
 63 100
 98 10.9 3.1 9.4#
 100 6.4 1.8 5.5#





#25
2-Butanone
Concen: 26.641 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

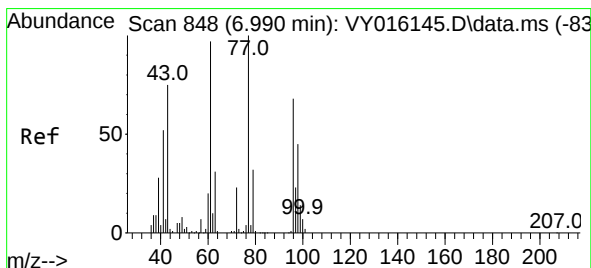
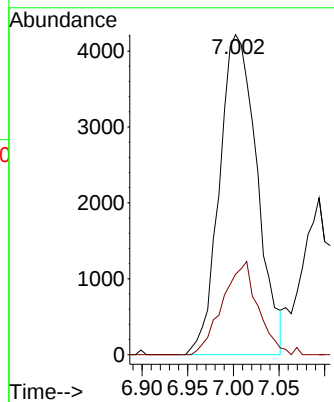
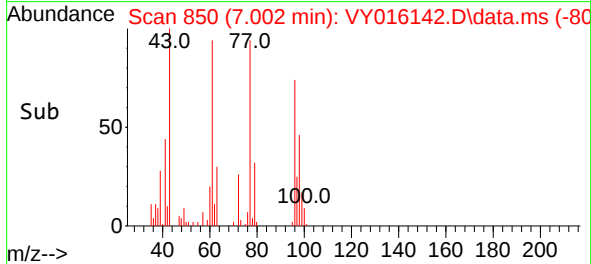
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
72 25.2 20.5 30.7

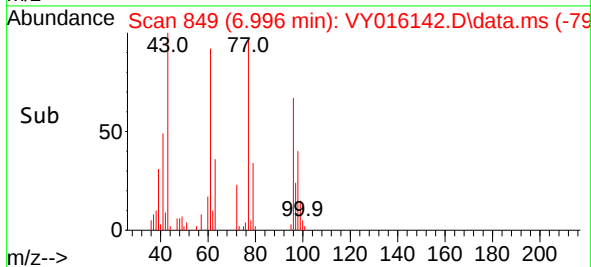
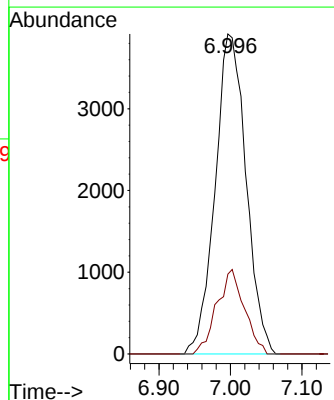
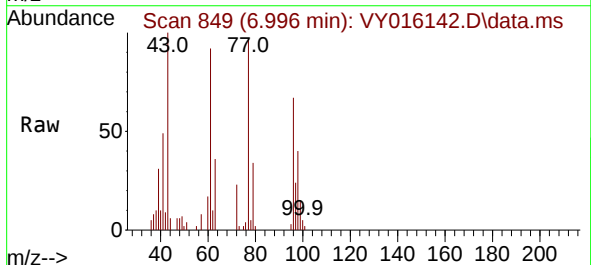
Manual Integrations
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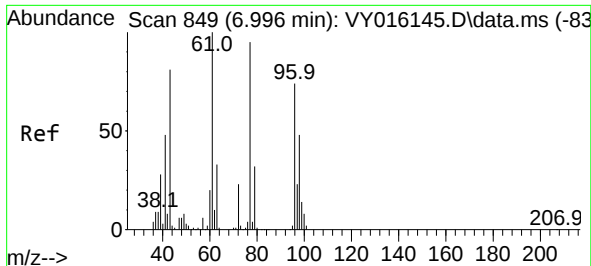
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#26
2,2-Dichloropropane
Concen: 4.322 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

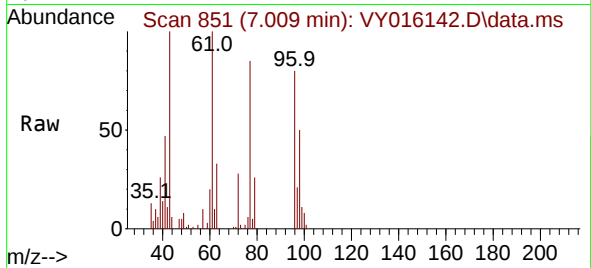
Tgt Ion: 77 Resp: 11754
Ion Ratio Lower Upper
77 100
97 23.5 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 4.469 ug/l
 RT: 7.009 min Scan# 851
 Delta R.T. 0.012 min
 Lab File: VY016142.D
 Acq: 31 Oct 2023 12:26

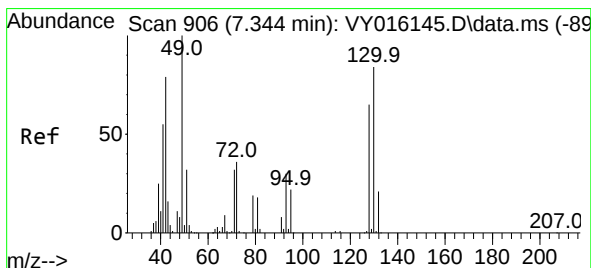
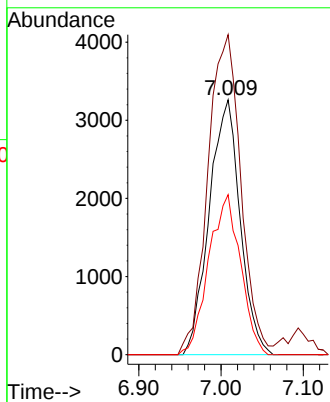
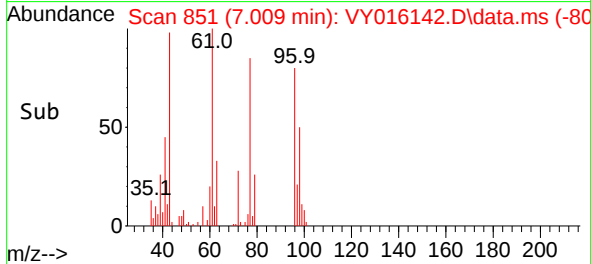
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 851
 Ion Ratio Lower Upper
 96 100
 61 134.5 0.0 301.4
 98 64.6 0.0 130.4

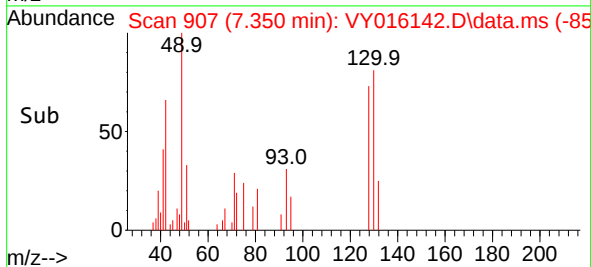
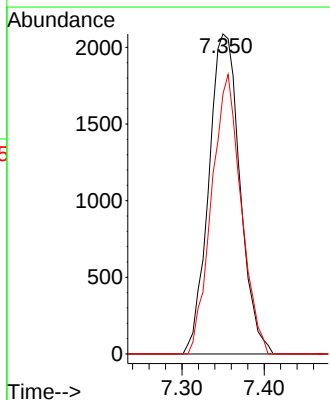
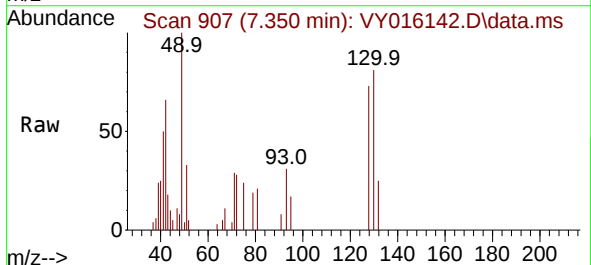
Manual Integrations
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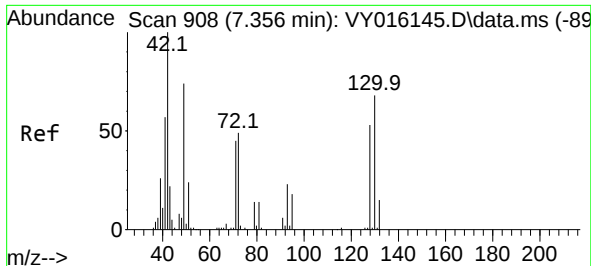
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#28
 Bromochloromethane
 Concen: 5.111 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY016142.D
 Acq: 31 Oct 2023 12:26

Tgt Ion: 49 Resp: 5502
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 82.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 22.279 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

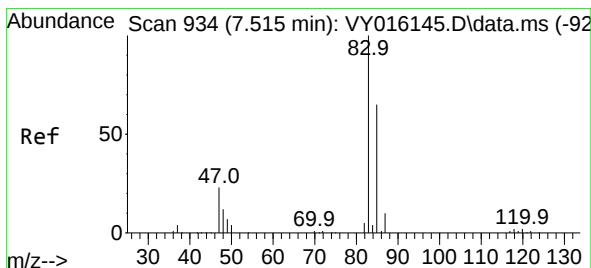
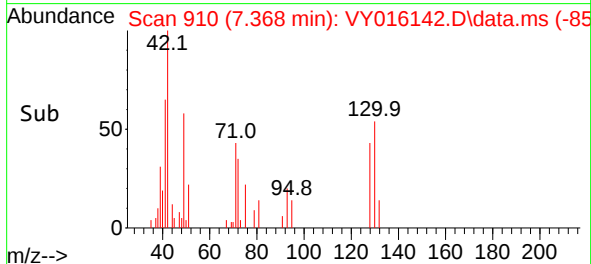
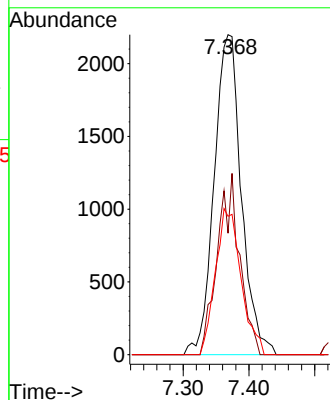
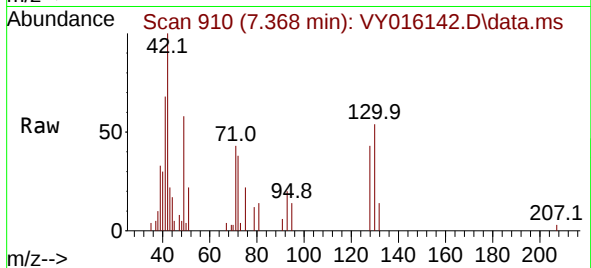
Tgt Ion:	42	Resp:	633
Ion	Ratio	Lower	Upper
42	100		
72	46.1	32.8	49.2
71	42.8	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#30

Chloroform

Concen: 4.441 ug/l

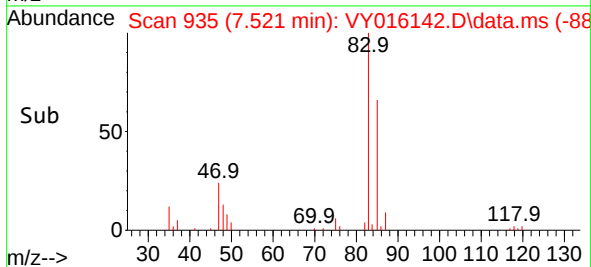
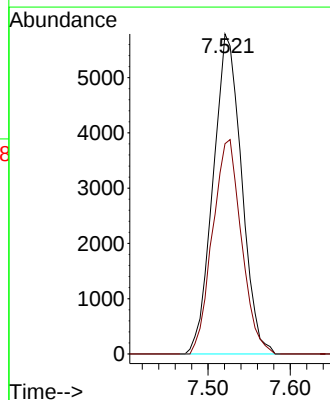
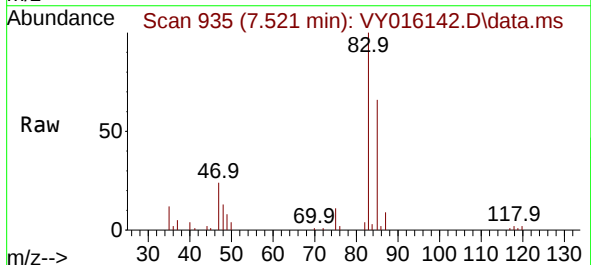
RT: 7.521 min Scan# 935

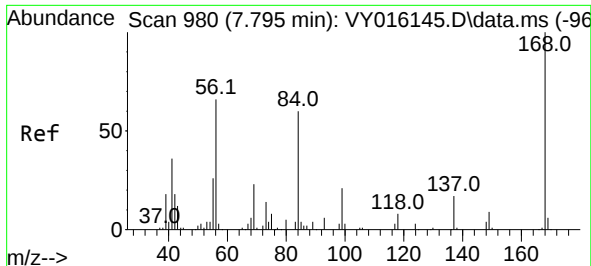
Delta R.T. 0.006 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

Tgt Ion:	83	Resp:	13911
Ion	Ratio	Lower	Upper
83	100		
85	65.7	49.7	74.5





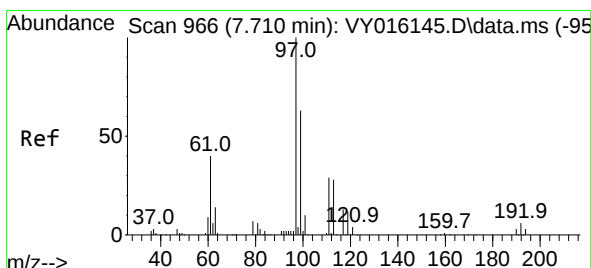
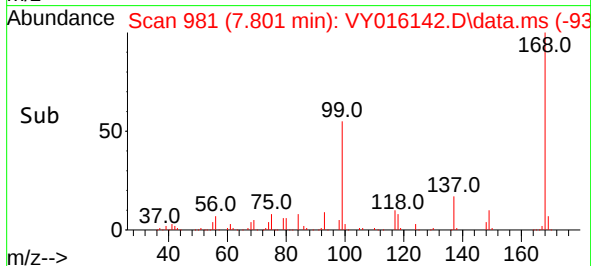
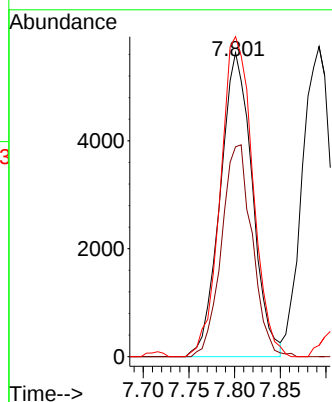
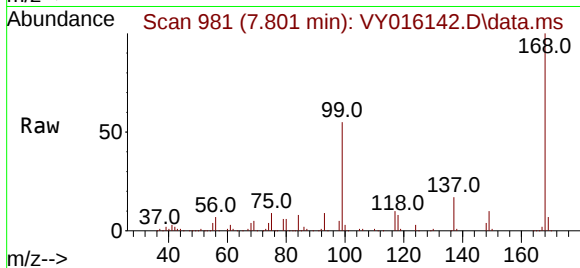
#31
Cyclohexane
Concen: 5.434 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 1372
Ion Ratio Lower Upper
56 100
69 69.0 27.8 41.6
84 105.2 66.4 99.6

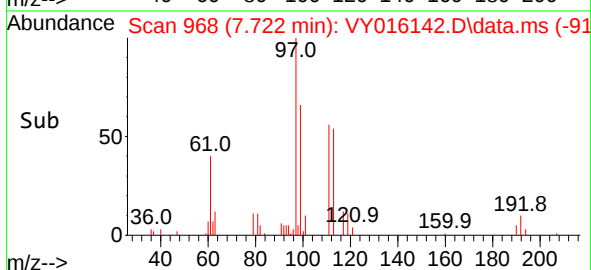
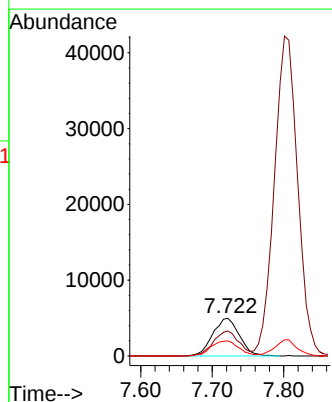
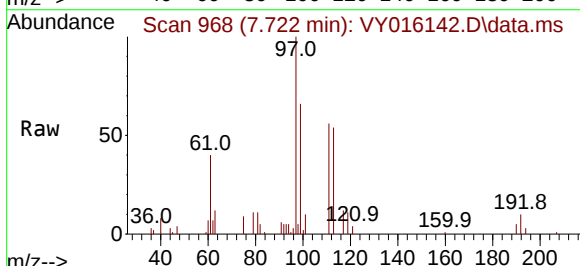
Manual Integrations
APPROVED

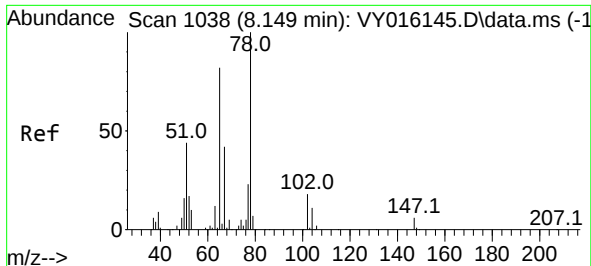
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#32
1,1,1-Trichloroethane
Concen: 4.466 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Tgt Ion: 97 Resp: 12828
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 41.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 4.978 ug/l

RT: 8.155 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 8180

Ion Ratio Lower Upper

65 100

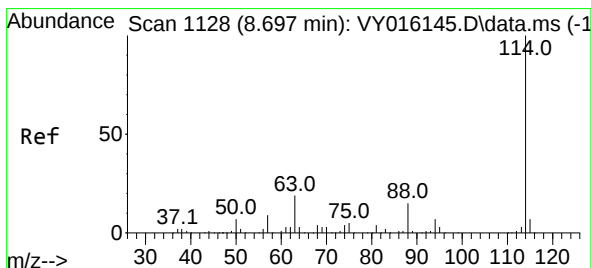
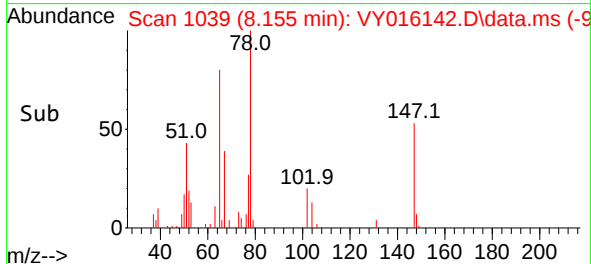
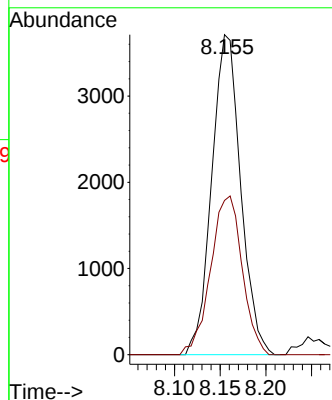
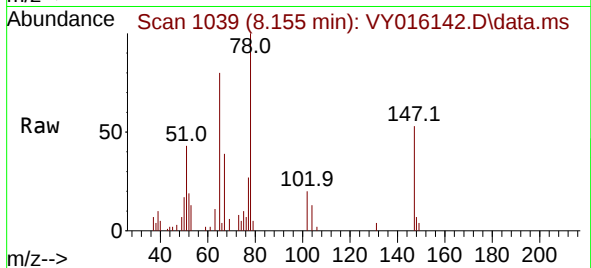
67 54.0 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

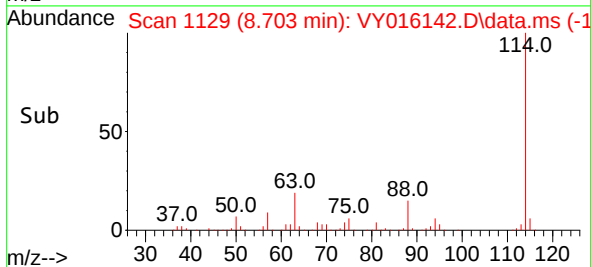
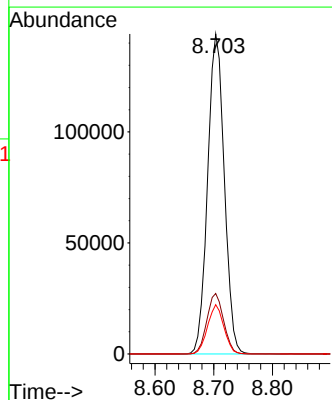
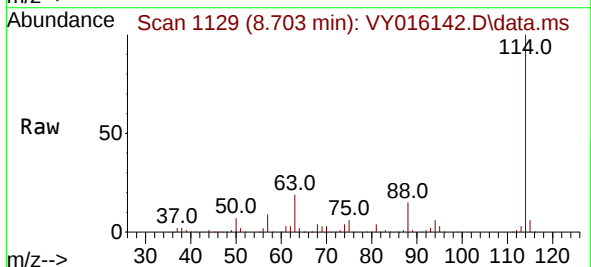
Tgt Ion:114 Resp: 283774

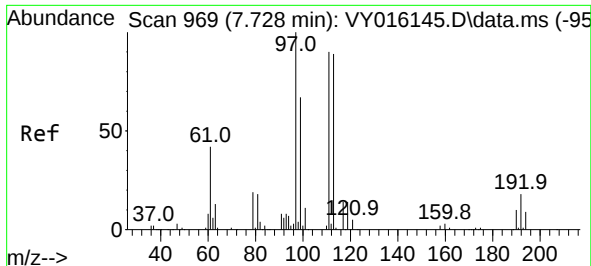
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.4 0.0 30.6





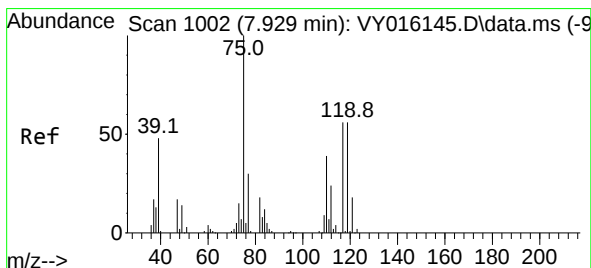
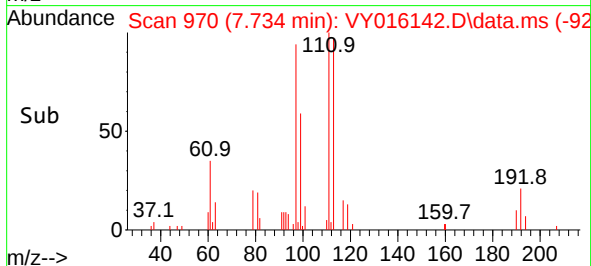
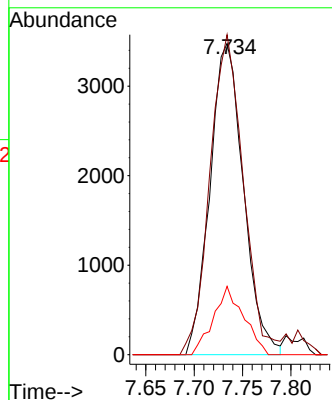
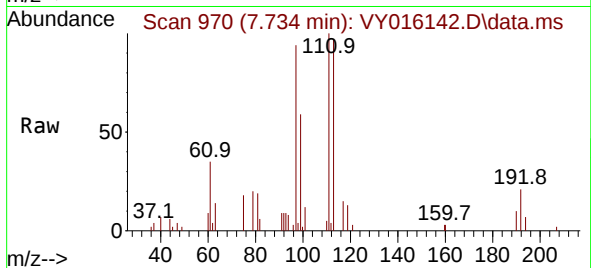
#35
Dibromofluoromethane
Concen: 4.943 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:113 Resp: 836
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.8 16.9 25.3

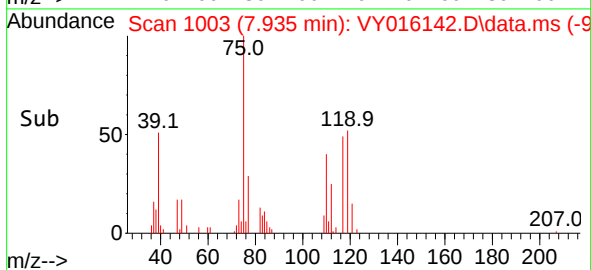
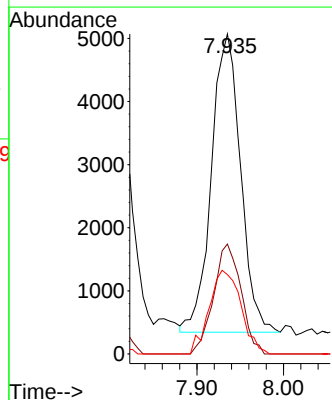
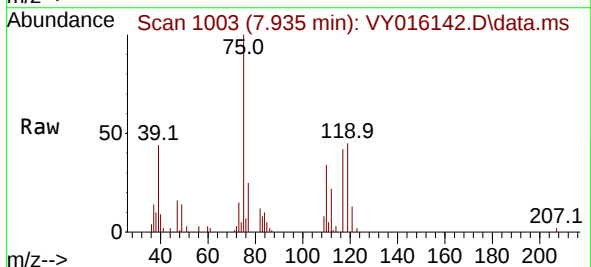
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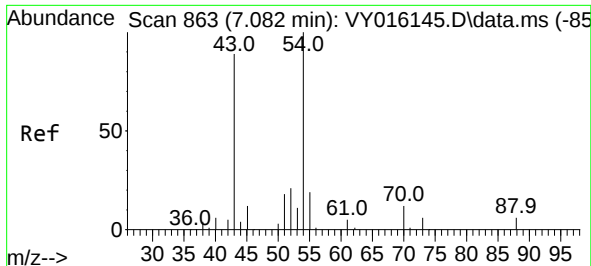
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#36
1,1-Dichloropropene
Concen: 4.530 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Tgt Ion: 75 Resp: 11067
Ion Ratio Lower Upper
75 100
110 34.6 17.8 53.5
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 4.669 ug/l

RT: 7.094 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 5080

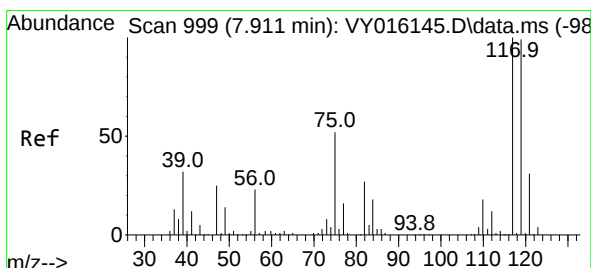
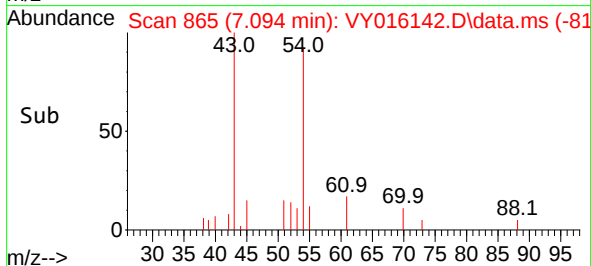
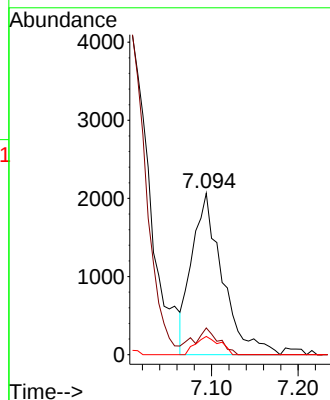
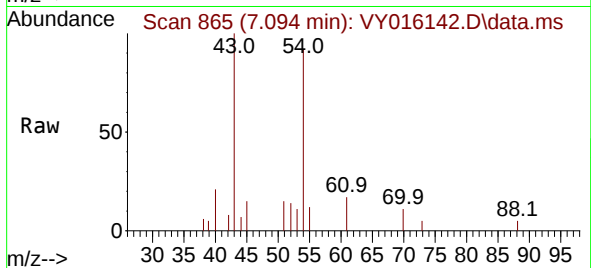
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.1	15.1
70	9.0	7.1	10.7

Manual Integrations

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Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#38

Carbon Tetrachloride

Concen: 4.018 ug/l

RT: 7.917 min Scan# 1000

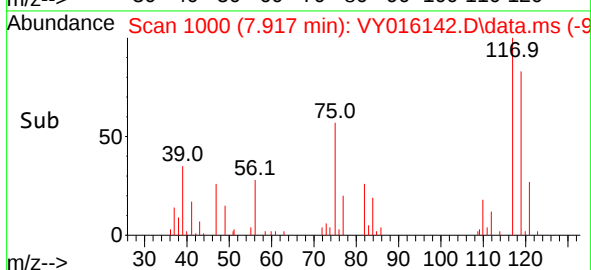
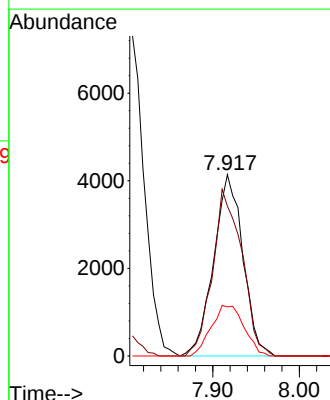
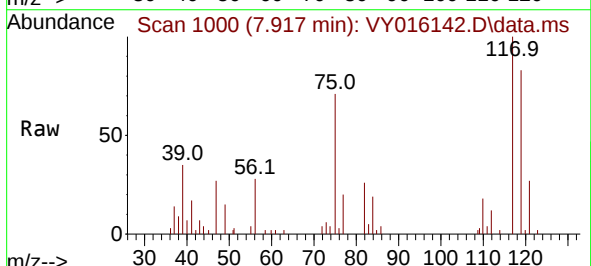
Delta R.T. 0.006 min

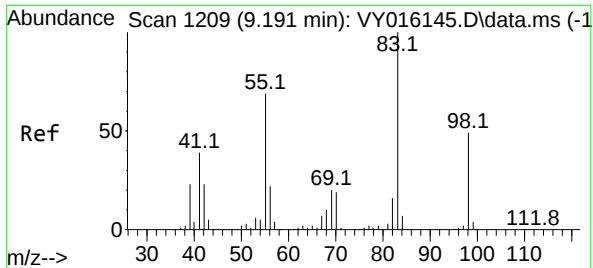
Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

Tgt Ion:117 Resp: 9725

Ion	Ratio	Lower	Upper
117	100		
119	82.7	76.4	114.6
121	27.1	25.8	38.6





#39

Methylcyclohexane

Concen: 4.536 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

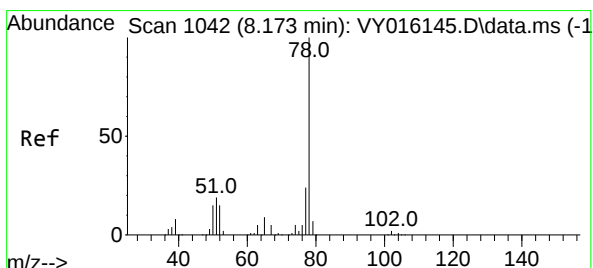
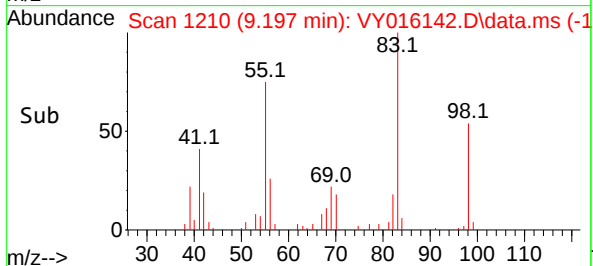
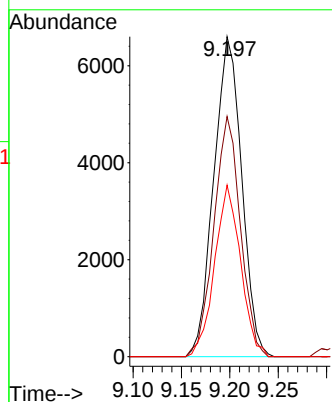
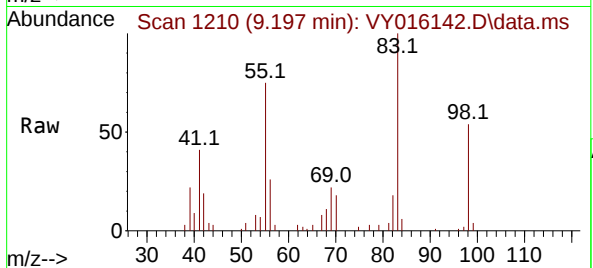
Tgt Ion: 83	Resp: 1322
Ion Ratio	Lower Upper
83 100	
55 75.1	63.0 94.4
98 53.6	37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#40

Benzene

Concen: 4.661 ug/l

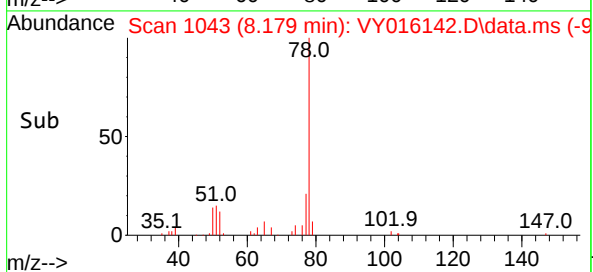
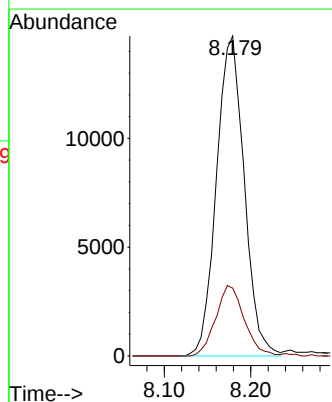
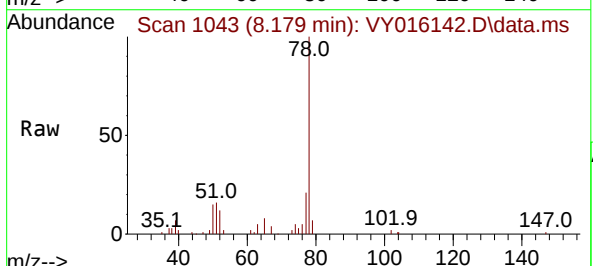
RT: 8.179 min Scan# 1043

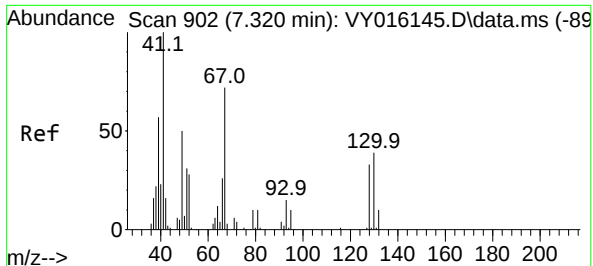
Delta R.T. 0.006 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

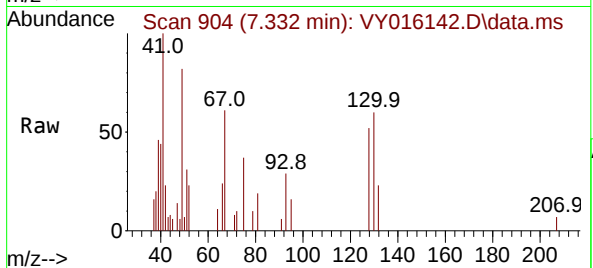
Tgt Ion: 78	Resp: 32688
Ion Ratio	Lower Upper
78 100	
77 21.2	19.0 28.6





#41
Methacrylonitrile
Concen: 5.222 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

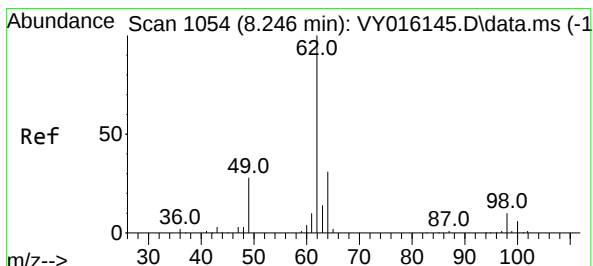
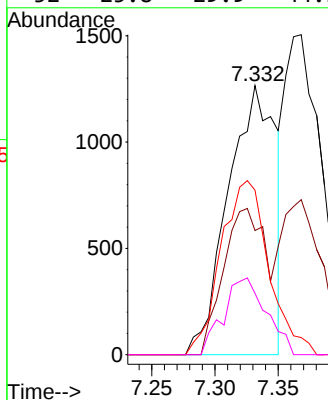
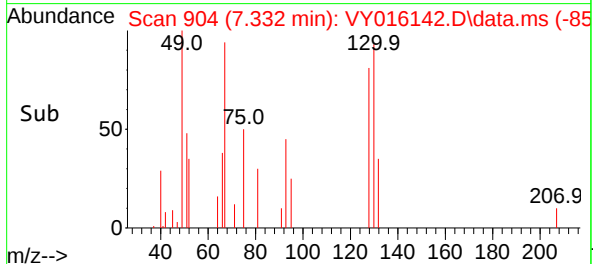
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 3298
Ion Ratio Lower Upper
41 100
39 47.7 52.1 78.1
67 65.3 66.2 99.2
52 25.8 29.9 44.9

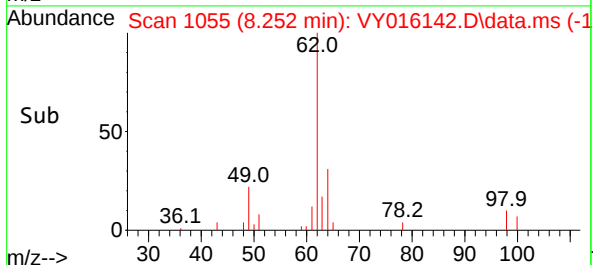
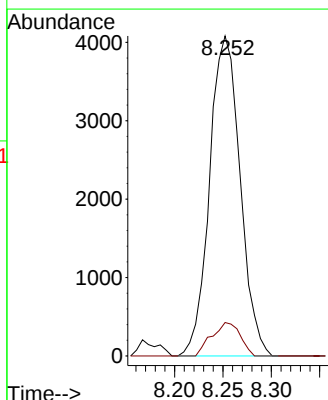
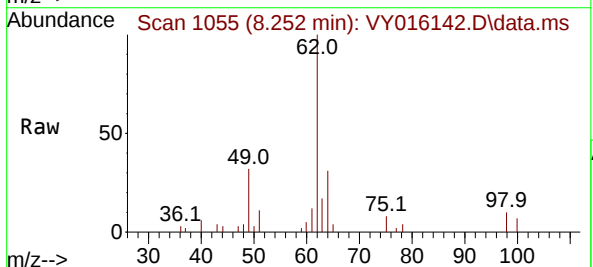
Manual Integrations
APPROVED

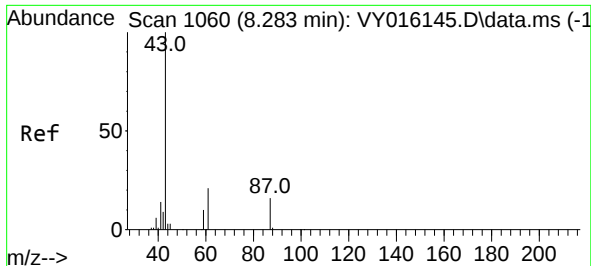
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#42
1,2-Dichloroethane
Concen: 4.584 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

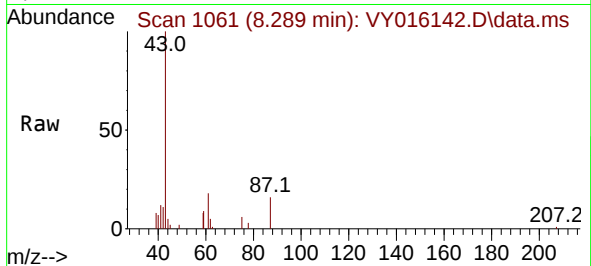
Tgt Ion: 62 Resp: 8971
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 4.412 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

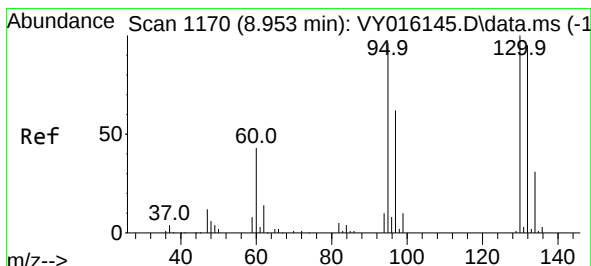
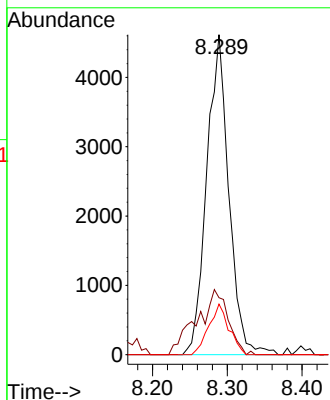
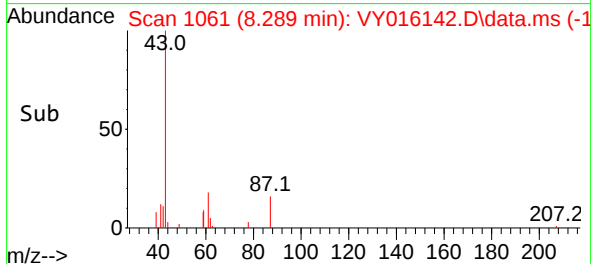
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 9490
Ion Ratio Lower Upper
43 100
61 28.9 21.1 31.7
87 14.4 9.8 14.8

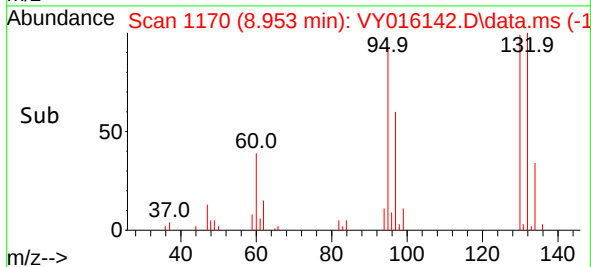
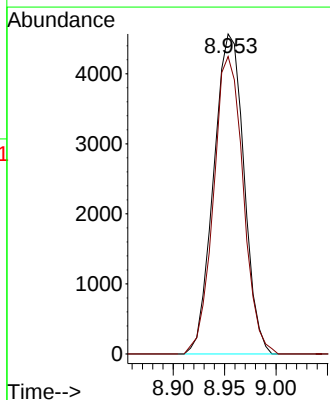
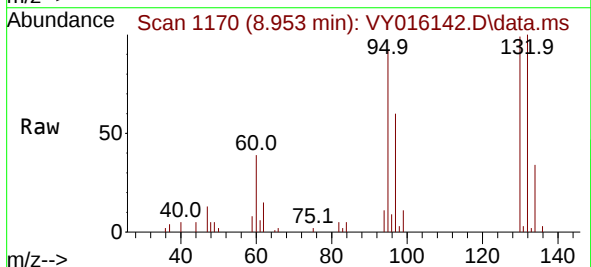
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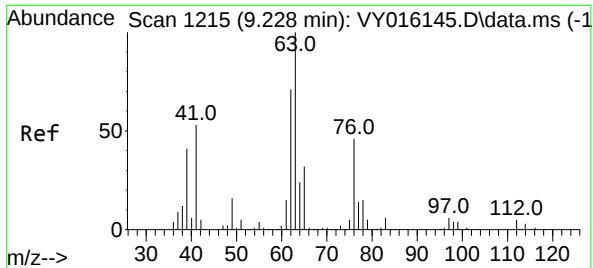
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#44
Trichloroethene
Concen: 4.561 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Tgt Ion:130 Resp: 9360
Ion Ratio Lower Upper
130 100
95 92.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 4.275 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 721

Ion Ratio Lower Upper

63 100

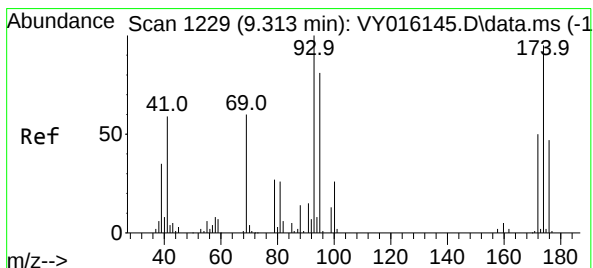
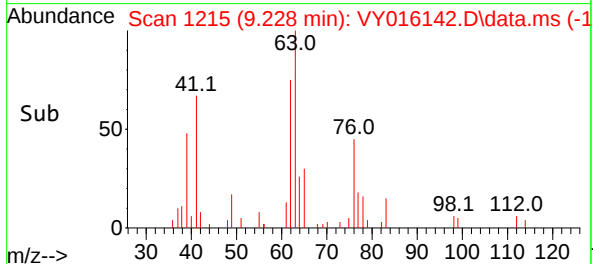
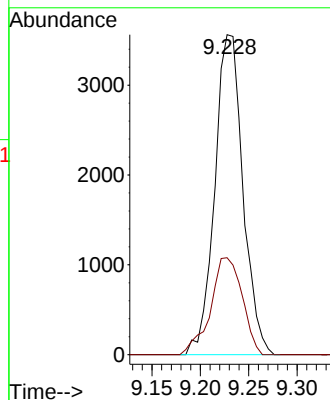
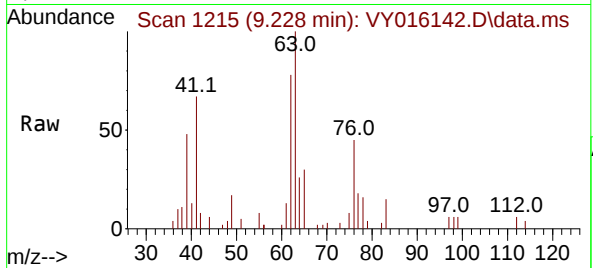
65 30.3 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#46

Dibromomethane

Concen: 4.511 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

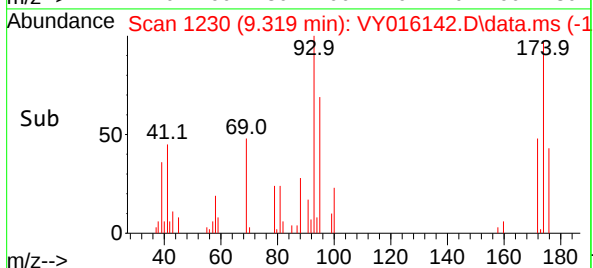
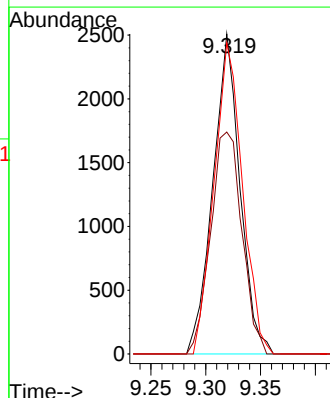
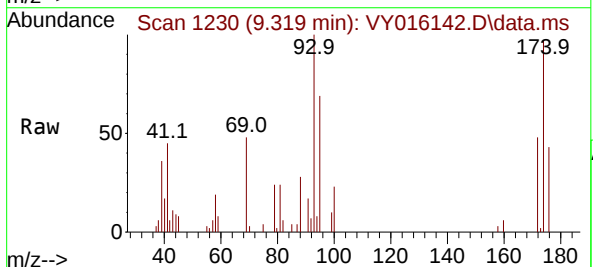
Tgt Ion: 93 Resp: 4317

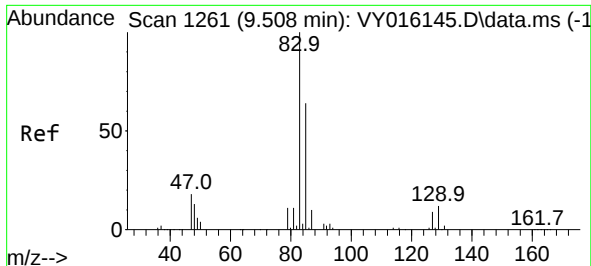
Ion Ratio Lower Upper

93 100

95 79.9 66.6 100.0

174 102.1 84.8 127.2





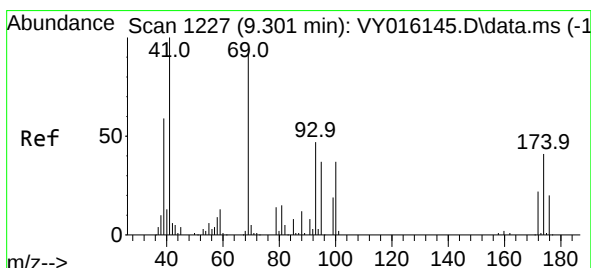
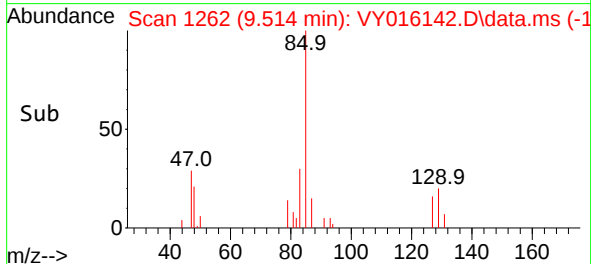
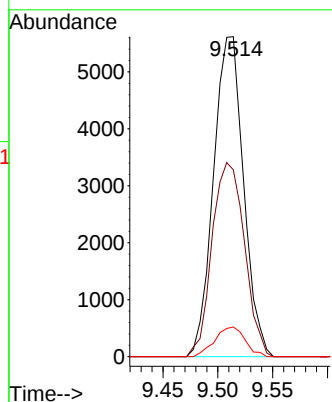
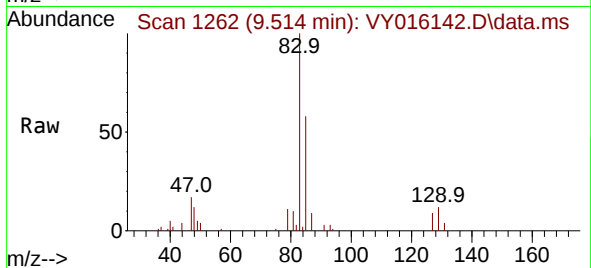
#47
Bromodichloromethane
Concen: 4.410 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1072
Ion Ratio Lower Upper
83 100
85 58.4 50.1 75.1
127 9.3 7.1 10.7

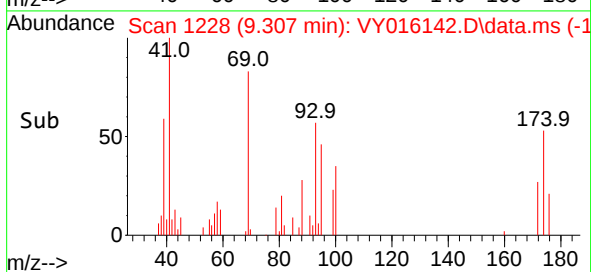
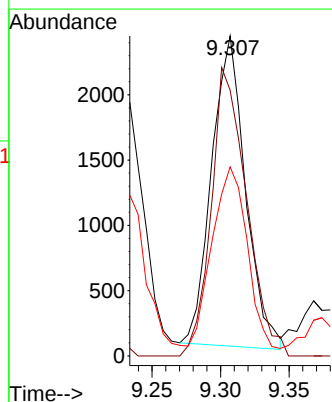
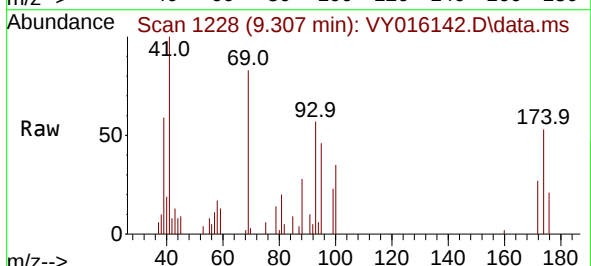
Manual Integrations
APPROVED

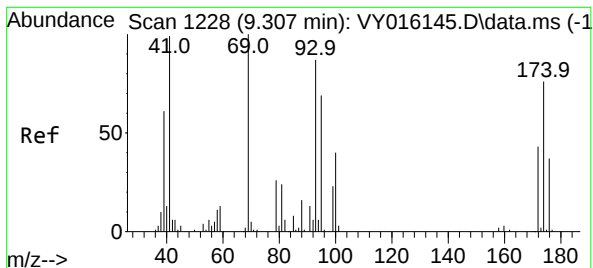
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#48
Methyl methacrylate
Concen: 4.151 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Tgt Ion: 41 Resp: 4063
Ion Ratio Lower Upper
41 100
69 97.3 64.5 96.7#
39 66.0 50.8 76.2





#49

1,4-Dioxane

Concen: 60.320 ug/l

RT: 9.319 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 2118

Ion Ratio Lower Upper

88 100

43 35.0 0.0 0.0

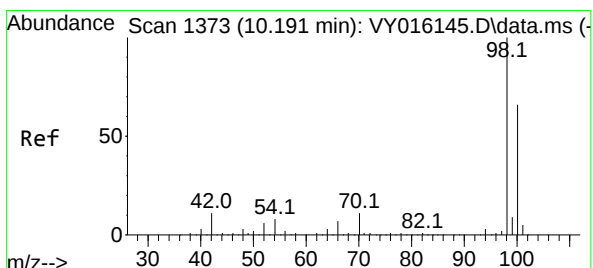
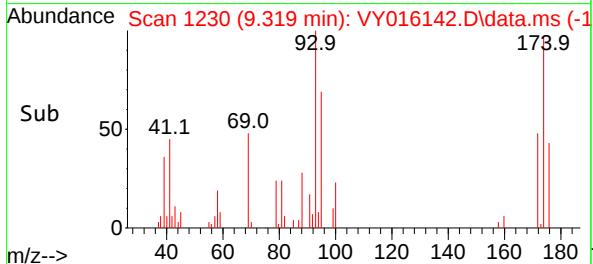
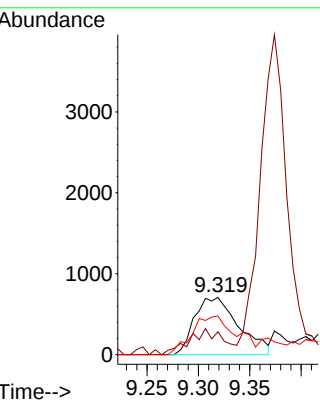
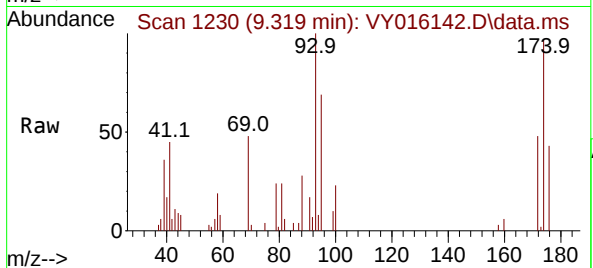
58 67.7 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#50

Toluene-d8

Concen: 4.831 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016142.D

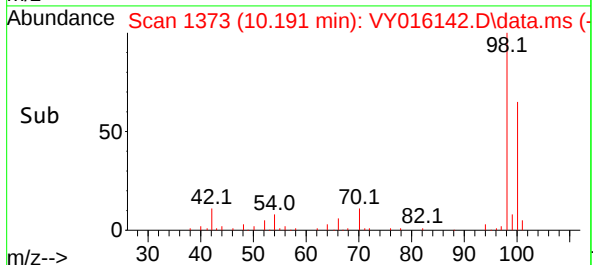
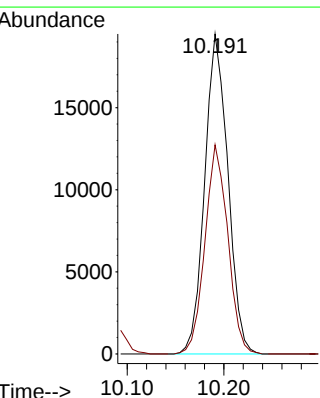
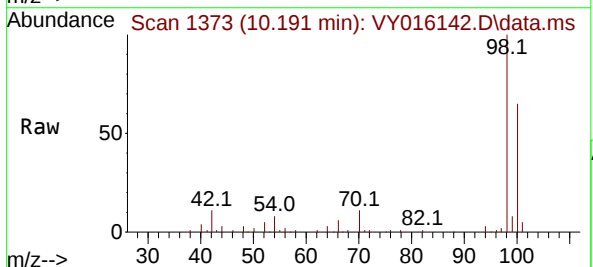
Acq: 31 Oct 2023 12:26

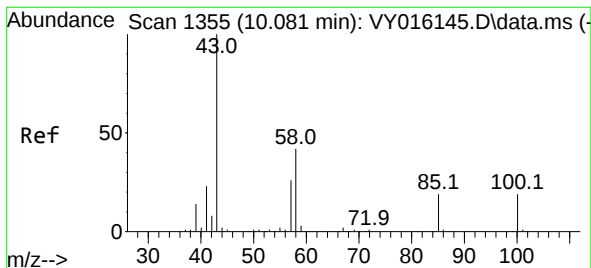
Tgt Ion: 98 Resp: 32404

Ion Ratio Lower Upper

98 100

100 64.6 50.1 75.1





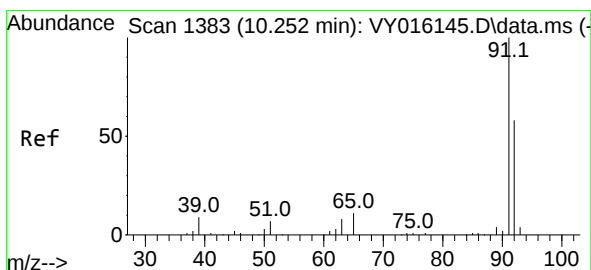
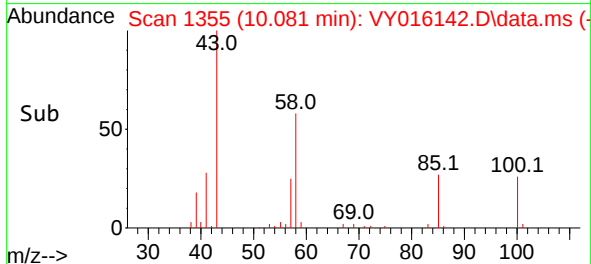
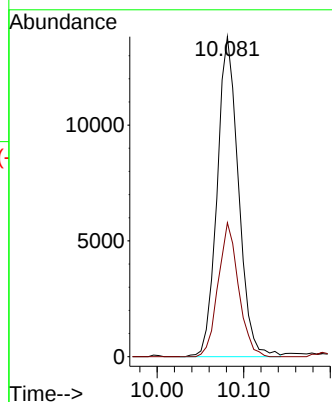
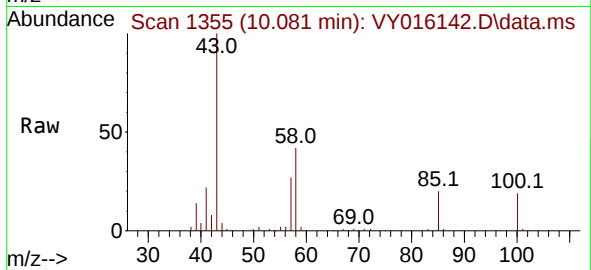
#51
4-Methyl-2-Pentanone
Concen: 22.046 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 23679
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6

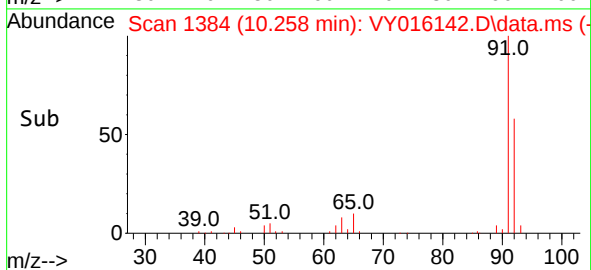
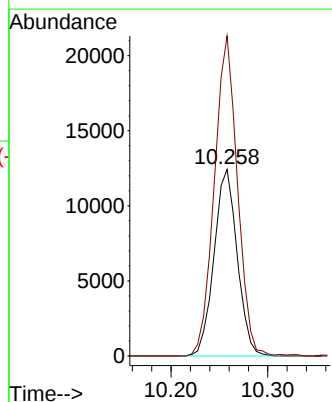
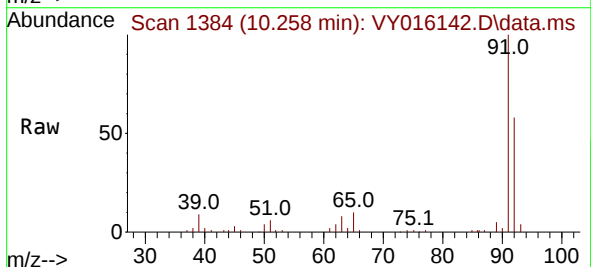
Manual Integrations
APPROVED

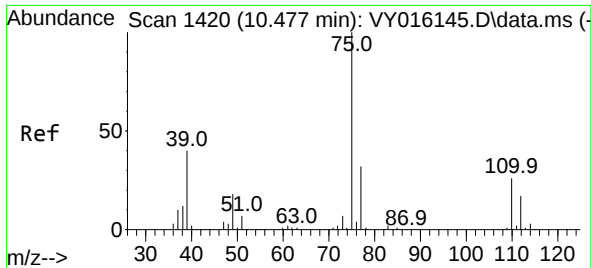
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#52
Toluene
Concen: 4.540 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

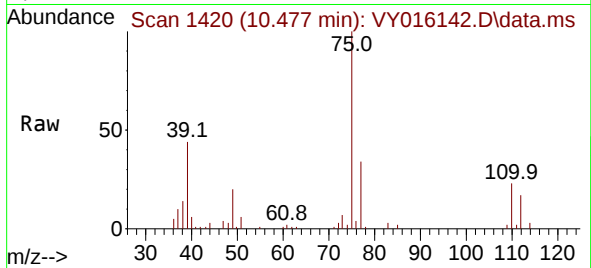
Tgt Ion: 92 Resp: 20634
Ion Ratio Lower Upper
92 100
91 171.6 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 4.419 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016142.D
 Acq: 31 Oct 2023 12:26

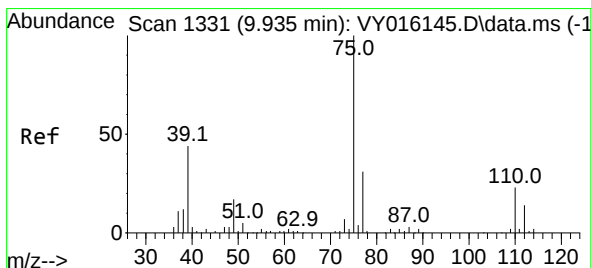
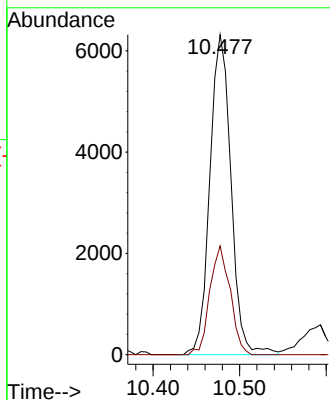
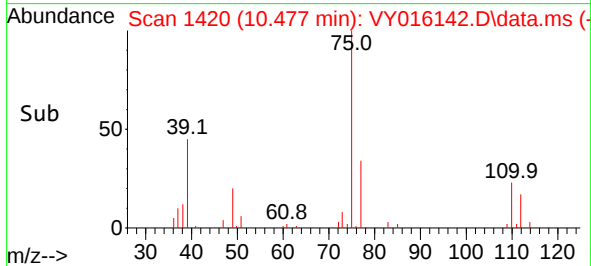
Instrument : MSVOA_Y
 ClientSampleId : VSTDIC005



Tgt Ion: 75 Resp: 1072
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.0 37.4

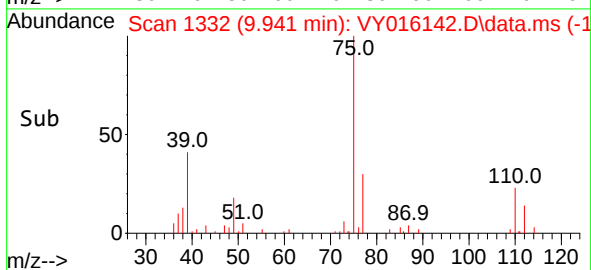
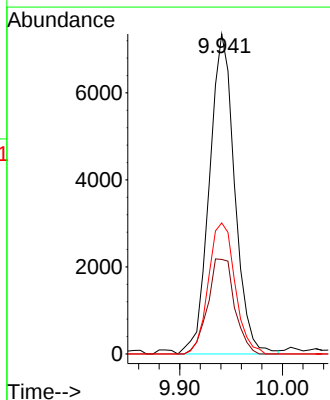
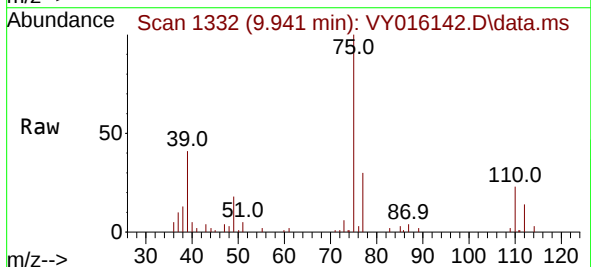
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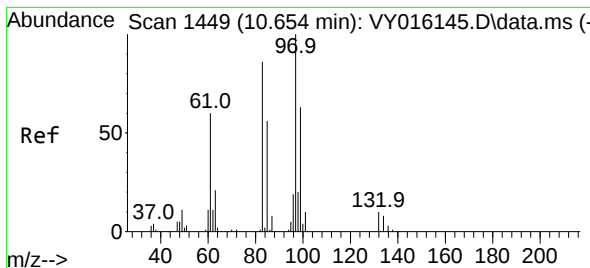
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#54
 cis-1,3-Dichloropropene
 Concen: 4.408 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY016142.D
 Acq: 31 Oct 2023 12:26

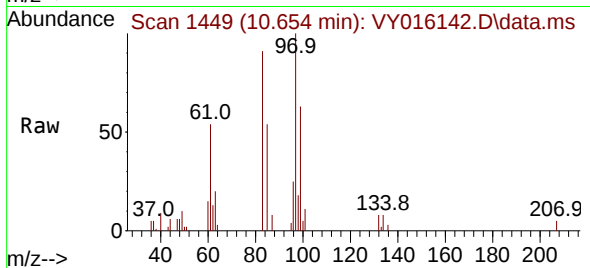
Tgt Ion: 75 Resp: 12557
 Ion Ratio Lower Upper
 75 100
 77 29.5 24.2 36.4
 39 41.0 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 4.481 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

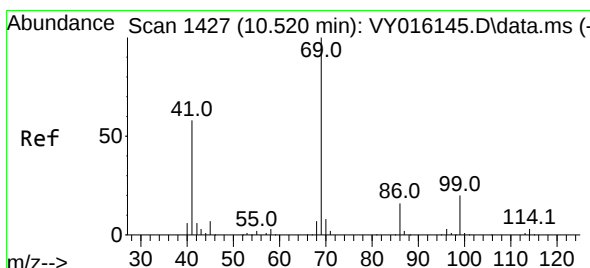
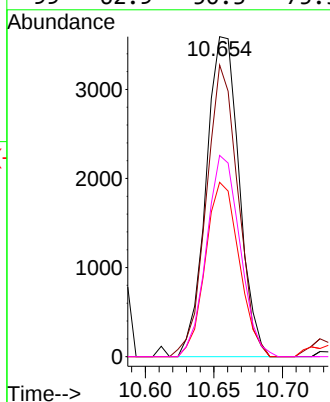
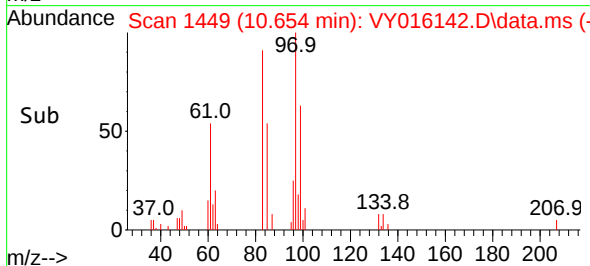
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 97	Resp: 603
Ion Ratio	Lower Upper
97 100	
83 91.2	72.0 108.0
85 54.5	45.4 68.0
99 62.9	50.3 75.5

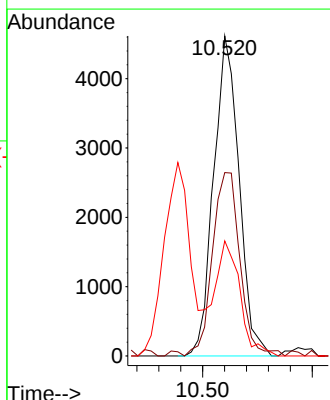
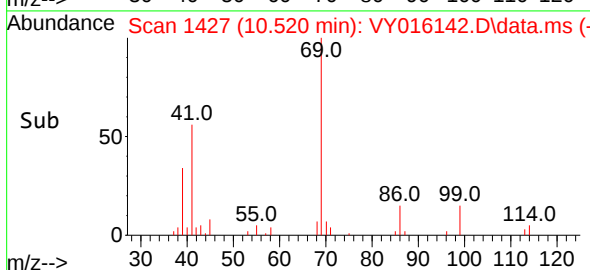
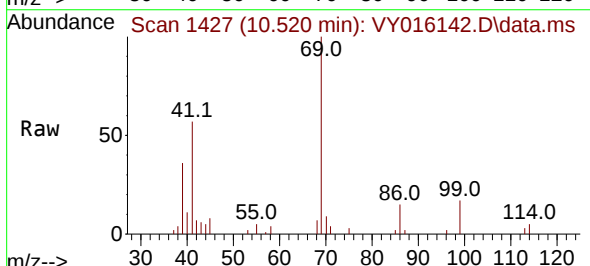
Manual Integrations
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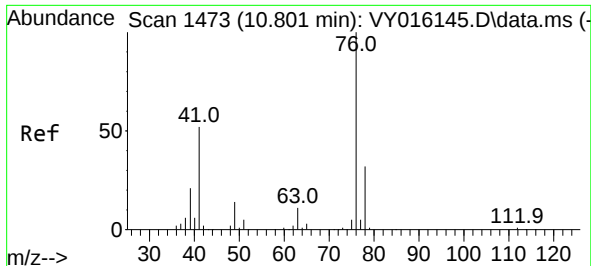
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#56
Ethyl methacrylate
Concen: 4.251 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Tgt Ion: 69	Resp: 7433
Ion Ratio	Lower Upper
69 100	
41 62.5	57.6 86.4
39 35.0	34.1 51.1





#57

1,3-Dichloropropane

Concen: 4.693 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 1075

Ion Ratio Lower Upper

76 100

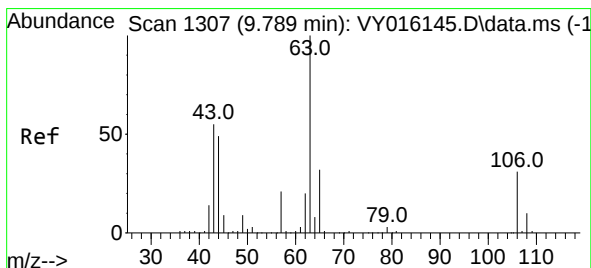
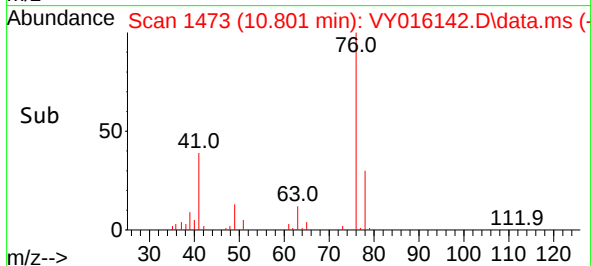
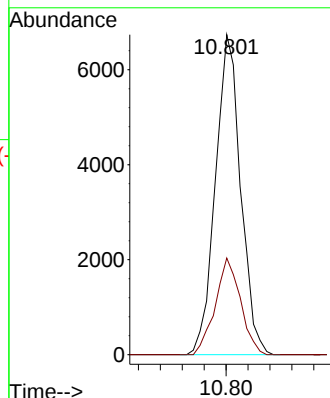
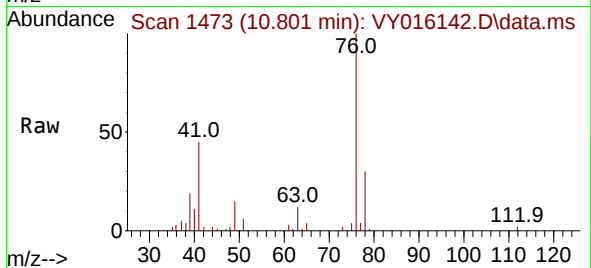
78 30.2 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 24.457 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY016142.D

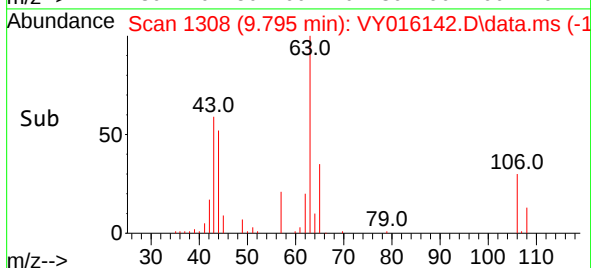
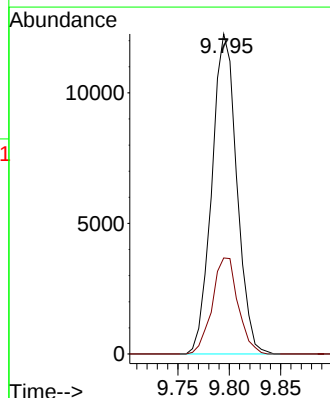
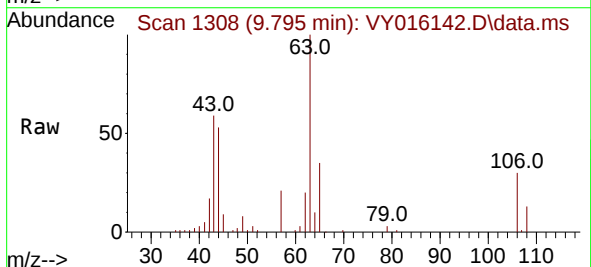
Acq: 31 Oct 2023 12:26

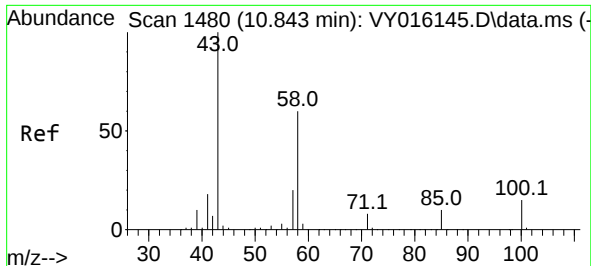
Tgt Ion: 63 Resp: 20735

Ion Ratio Lower Upper

63 100

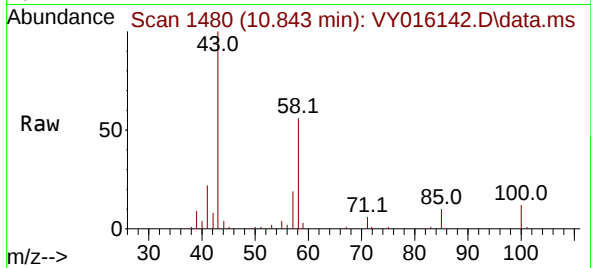
106 31.0 21.2 31.8





#59
2-Hexanone
Concen: 22.177 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

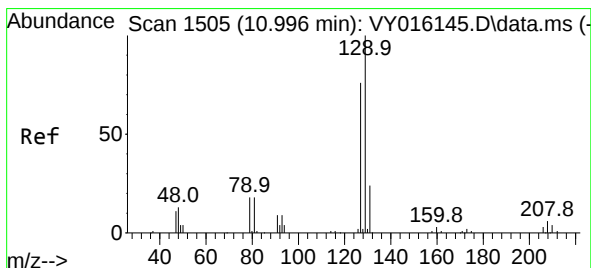
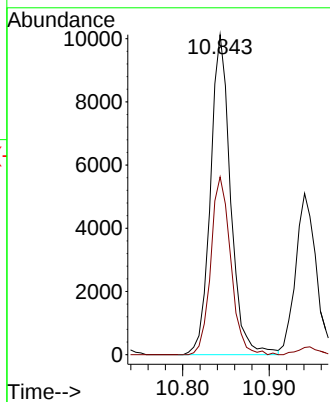
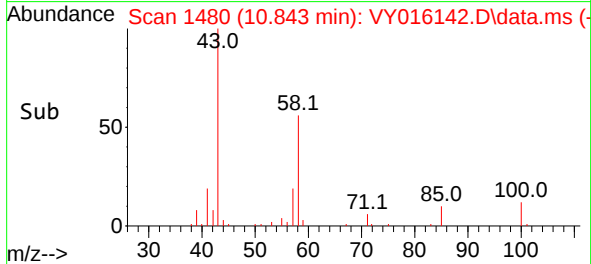
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 16320
Ion Ratio Lower Upper
43 100
58 55.0 25.1 75.3

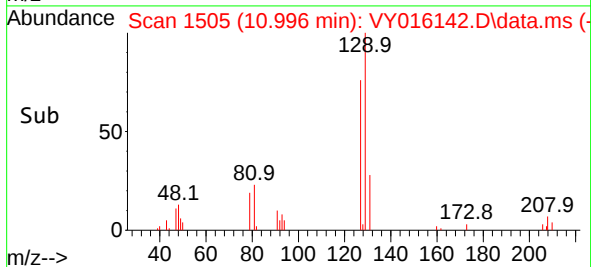
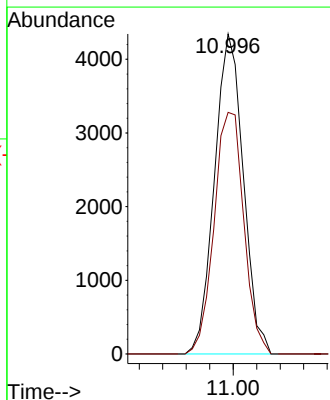
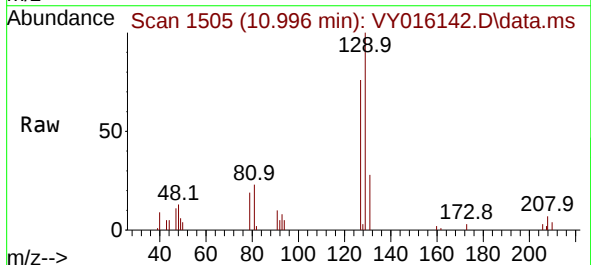
Manual Integrations
APPROVED

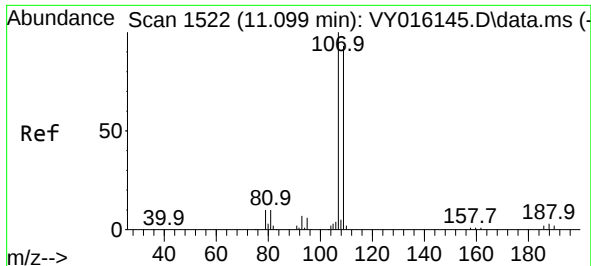
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#60
Dibromochloromethane
Concen: 4.380 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

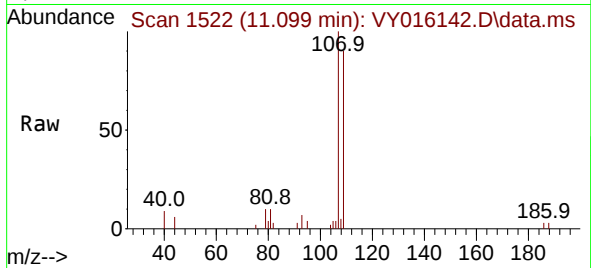
Tgt Ion:129 Resp: 7398
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61
1,2-Dibromoethane
Concen: 4.503 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

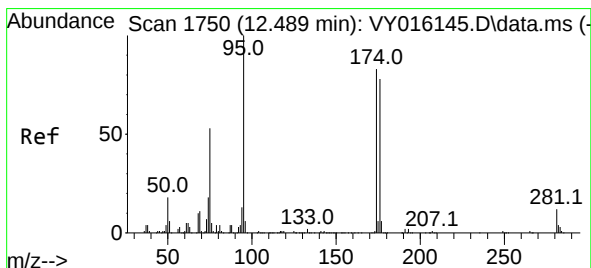
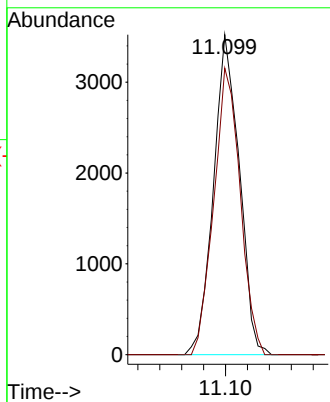
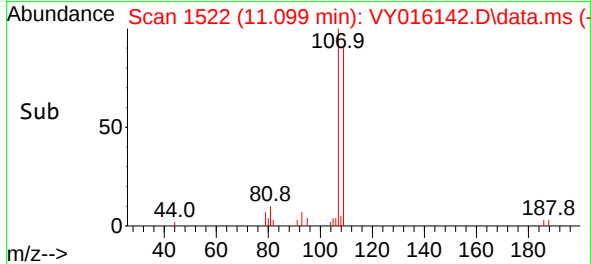
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



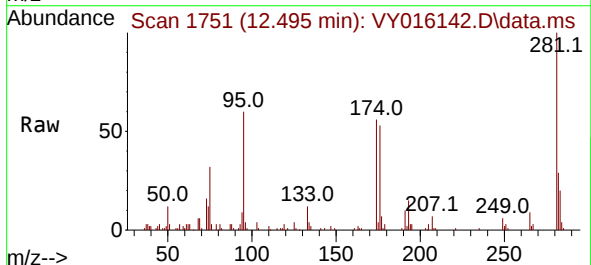
Tgt Ion:107 Resp: 5760
Ion Ratio Lower Upper
107 100
109 91.7 75.6 113.4

Manual Integrations
APPROVED

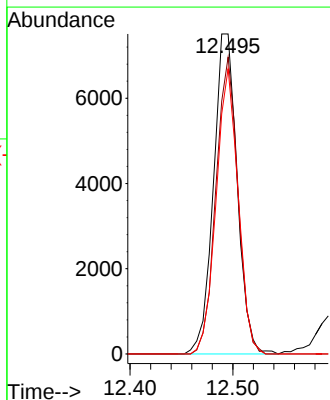
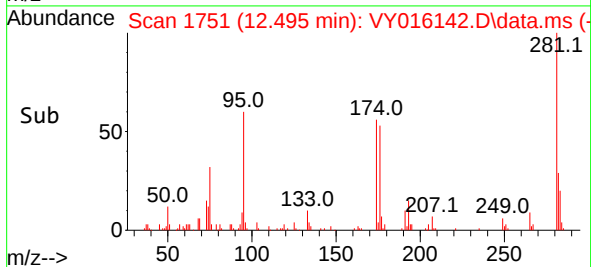
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

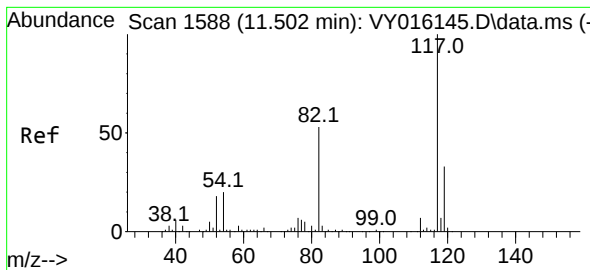


#62
4-Bromofluorobenzene
Concen: 5.234 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26



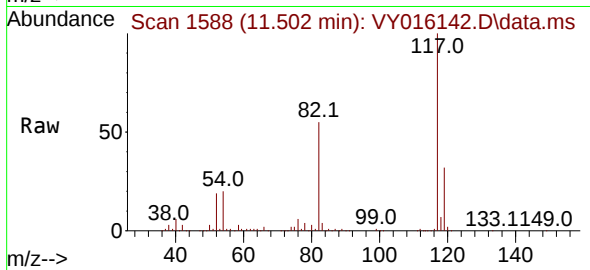
Tgt Ion: 95 Resp: 12004
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 82.8 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

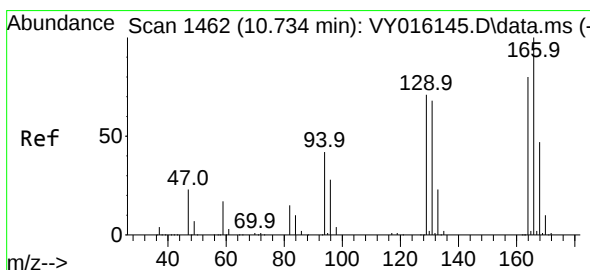
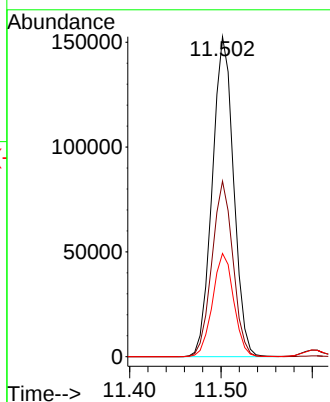
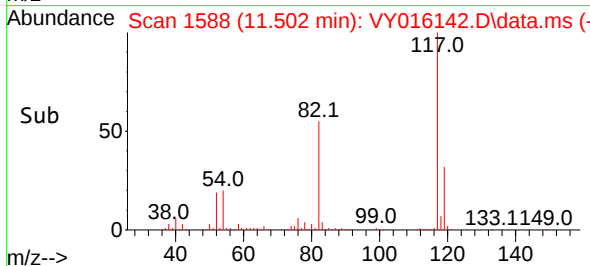
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



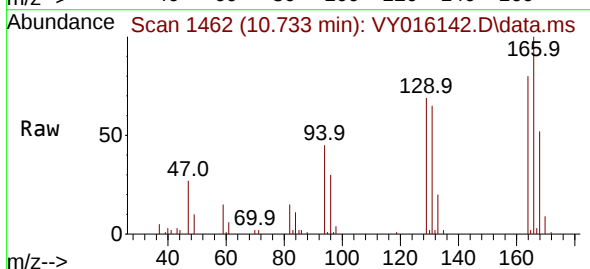
Tgt Ion:117 Resp: 247390
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.0
119 32.2 26.3 39.5

Manual Integrations
APPROVED

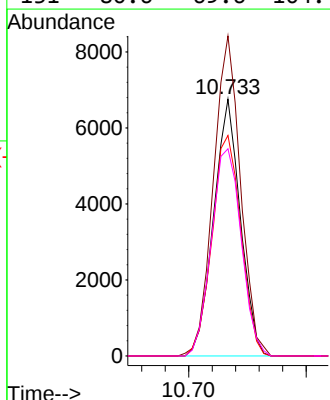
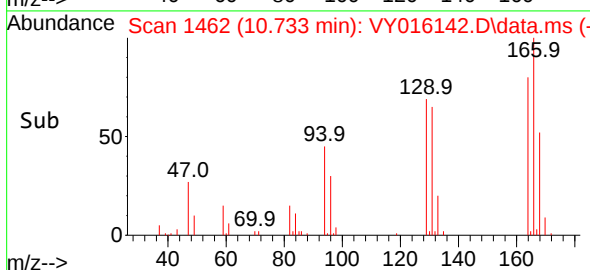
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

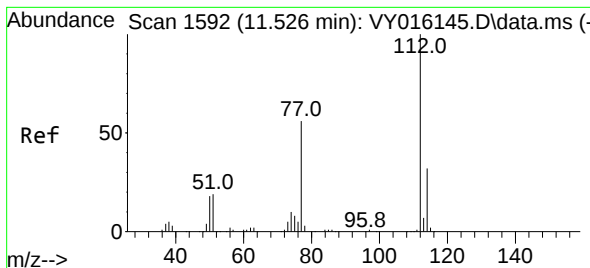


#64
Tetrachloroethene
Concen: 4.846 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26



Tgt Ion:164 Resp: 10663
Ion Ratio Lower Upper
164 100
166 124.6 103.0 154.6
129 85.8 77.2 115.8
131 80.6 69.6 104.4





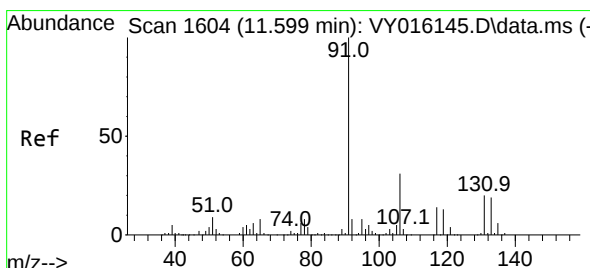
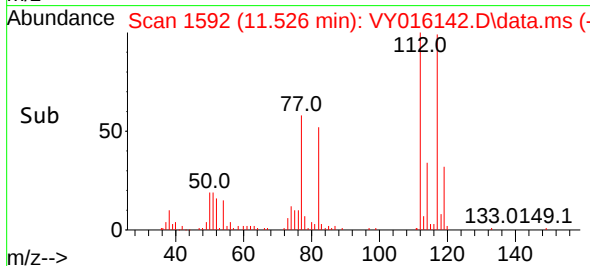
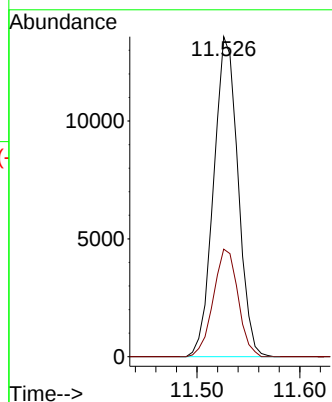
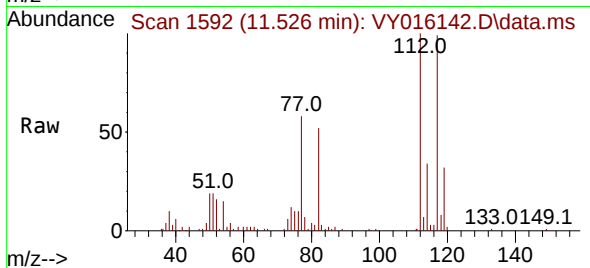
#65
Chlorobenzene
Concen: 4.543 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 22328
Ion Ratio Lower Upper
112 100
114 33.6 25.5 38.3

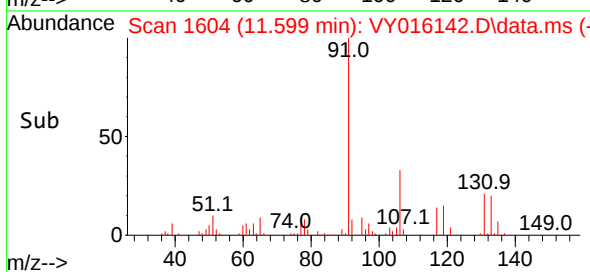
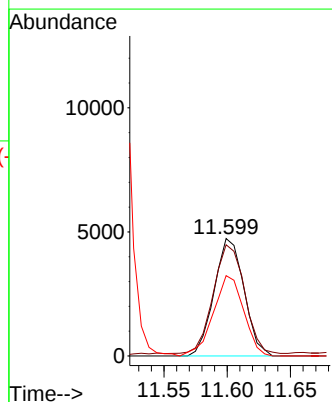
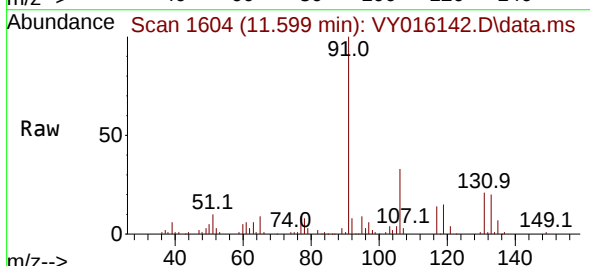
Manual Integrations
APPROVED

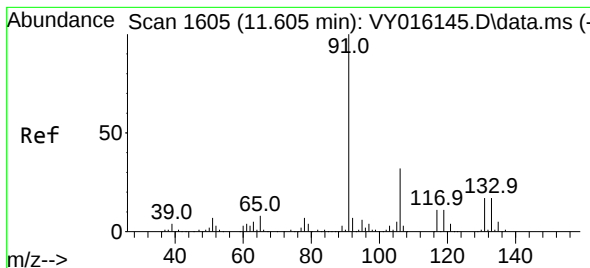
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.269 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Tgt Ion:131 Resp: 7771
Ion Ratio Lower Upper
131 100
133 102.0 47.5 142.6
119 69.4 31.6 94.7





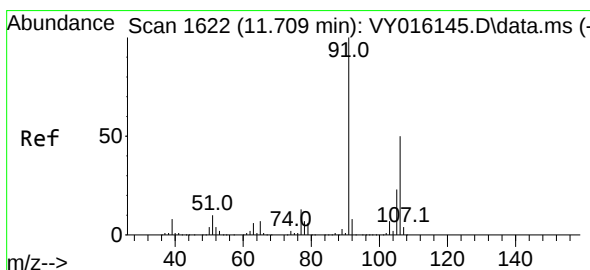
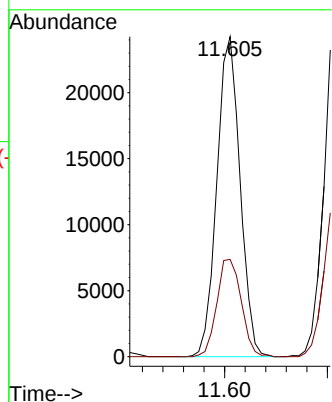
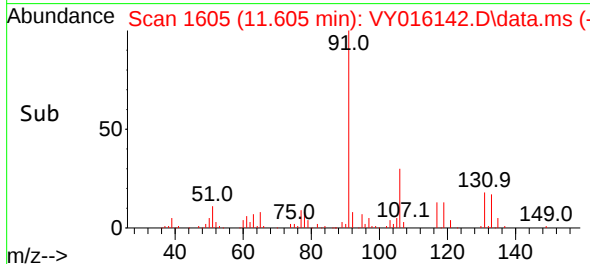
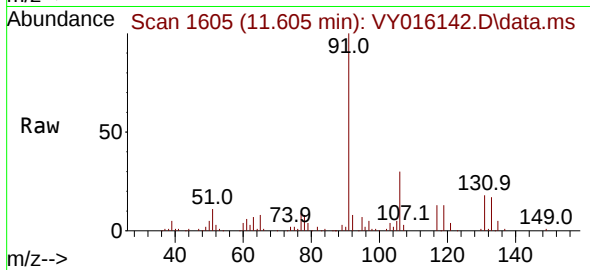
#67
Ethyl Benzene
Concen: 4.309 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3788
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8

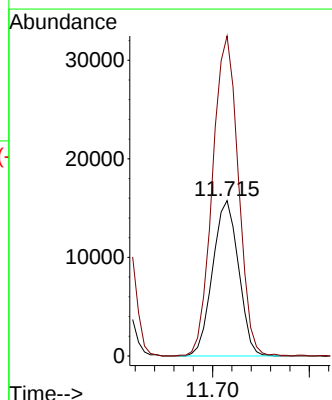
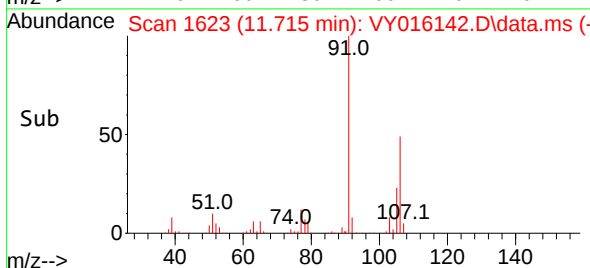
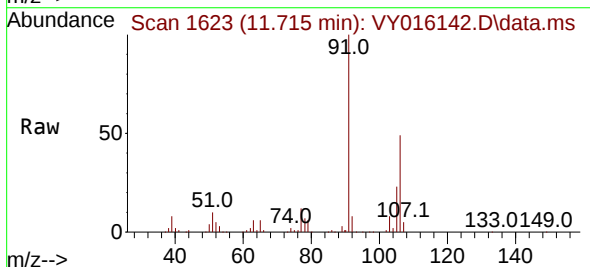
Manual Integrations
APPROVED

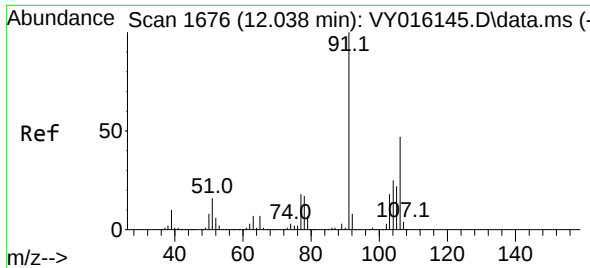
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#68
m/p-Xylenes
Concen: 8.626 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Tgt Ion:106 Resp: 29304
Ion Ratio Lower Upper
106 100
91 205.3 166.1 249.1





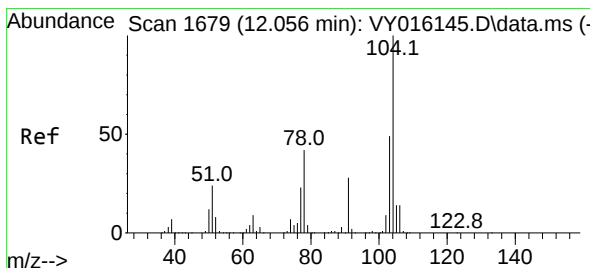
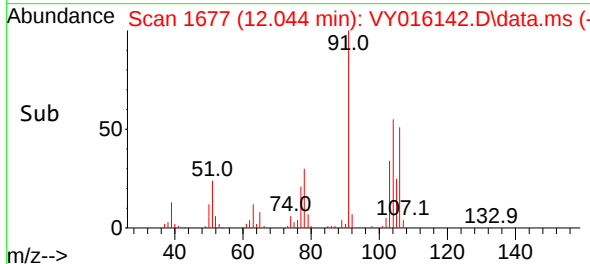
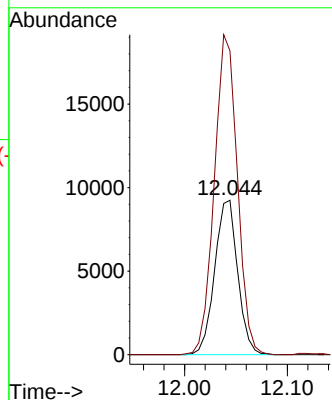
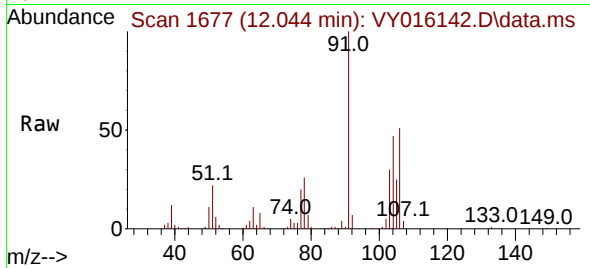
#69
o-Xylene
Concen: 4.424 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 14348
Ion Ratio Lower Upper
106 100
91 208.1 108.1 324.3

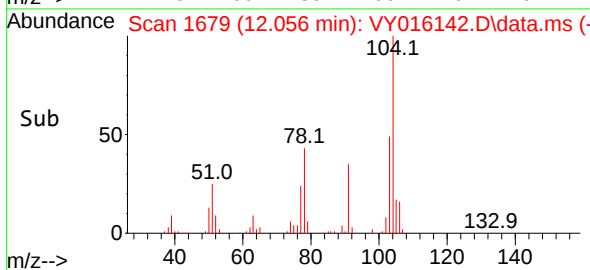
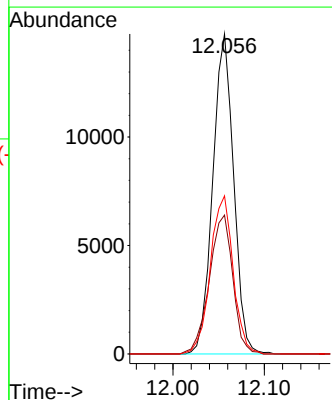
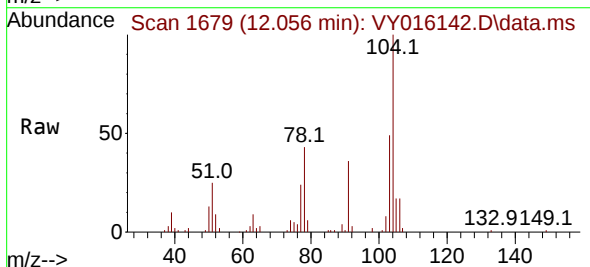
Manual Integrations
APPROVED

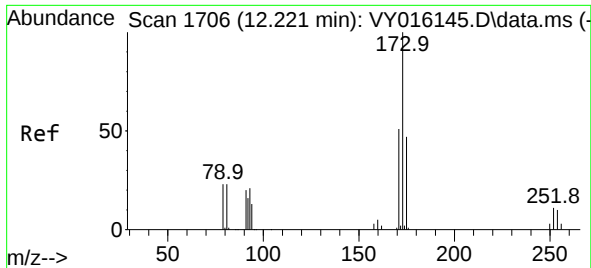
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#70
Styrene
Concen: 4.332 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

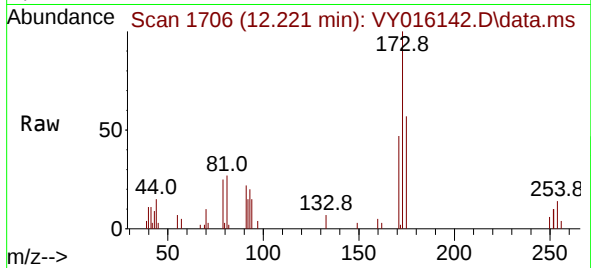
Tgt Ion:104 Resp: 23359
Ion Ratio Lower Upper
104 100
78 48.9 41.5 62.3
103 54.0 44.6 67.0





#71
Bromoform
Concen: 4.409 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

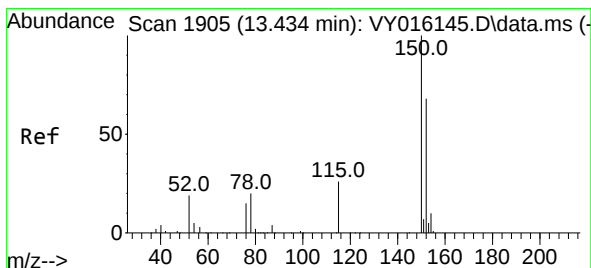
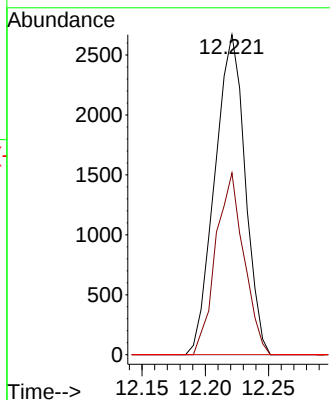
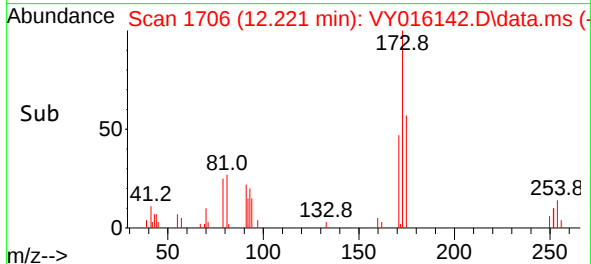
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



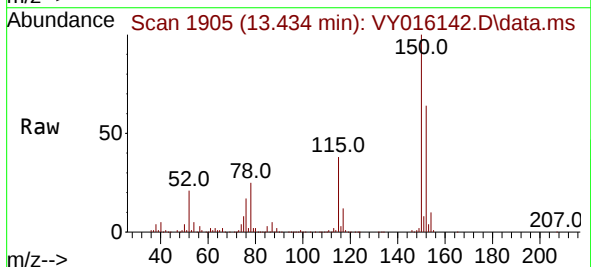
Tgt Ion:173 Resp: 445
Ion Ratio Lower Upper
173 100
175 52.7 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

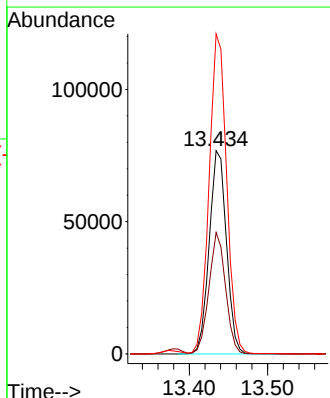
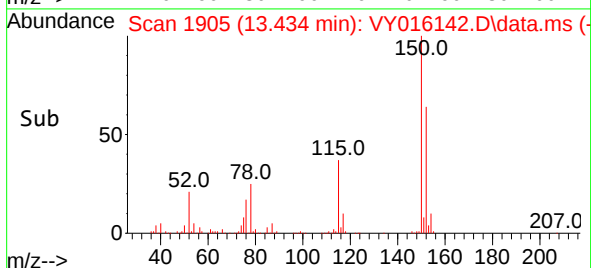
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

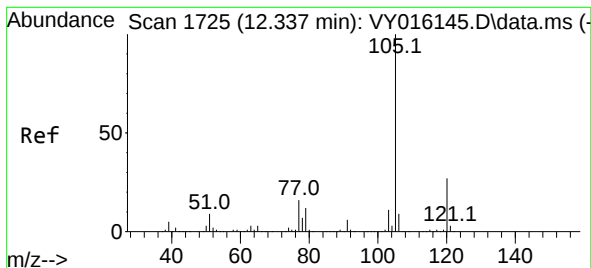


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26



Tgt Ion:152 Resp: 117344
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 160.1 0.0 348.8





#73

Isopropylbenzene

Concen: 4.359 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. 0.006 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 3836

Ion Ratio Lower Upper

105 100

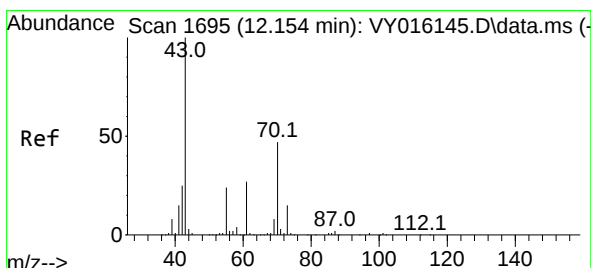
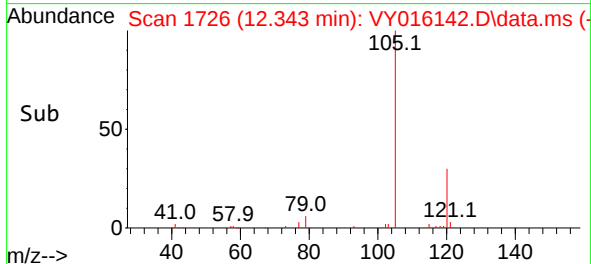
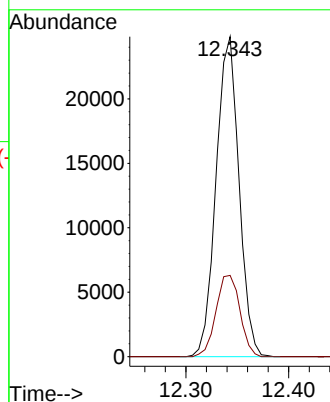
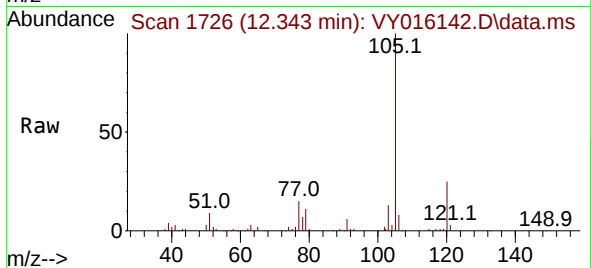
120 26.6 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#74

N-ethyl acetate

Concen: 4.212 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

Tgt Ion: 43 Resp: 8057

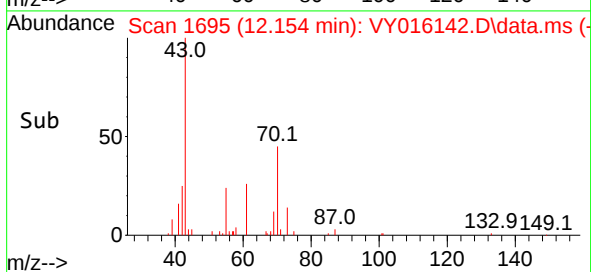
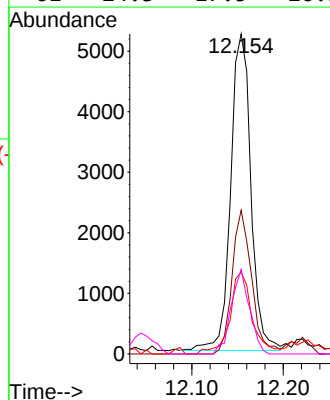
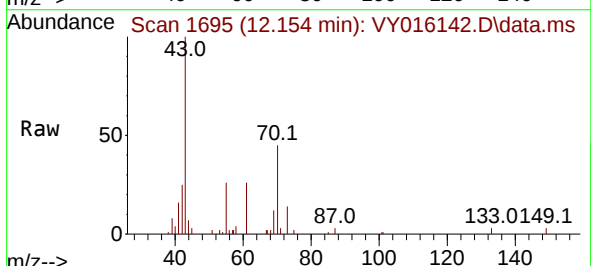
Ion Ratio Lower Upper

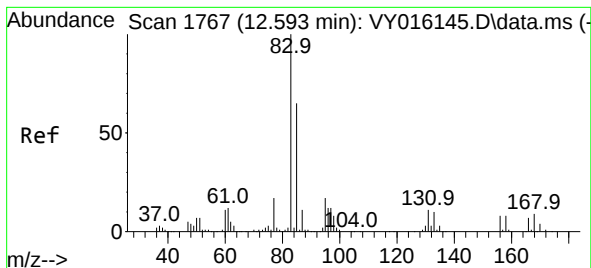
43 100

70 43.8 29.7 44.5

55 28.0 18.3 27.5#

61 24.3 17.5 26.3





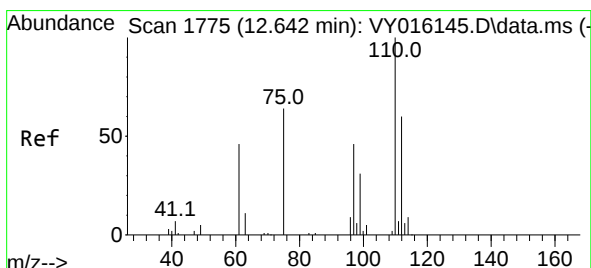
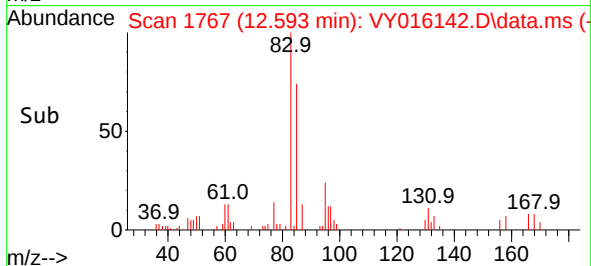
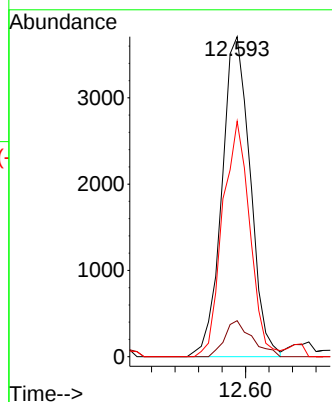
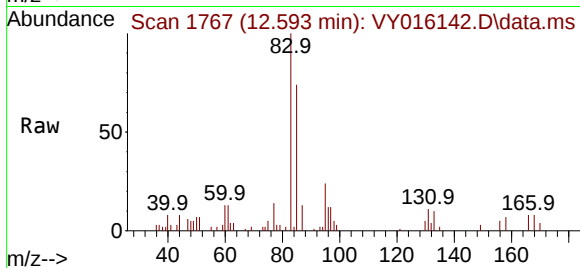
#75
1,1,2,2-Tetrachloroethane
Concen: 4.440 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 6219
Ion Ratio Lower Upper
83 100
131 10.9 5.4 16.2
85 70.8 31.8 95.4

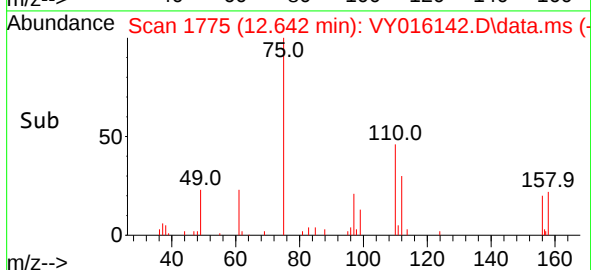
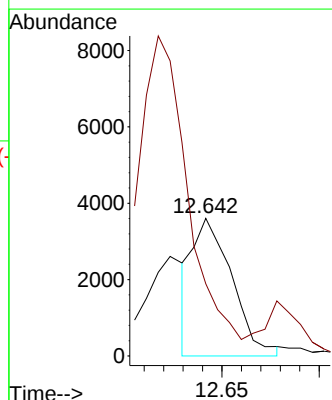
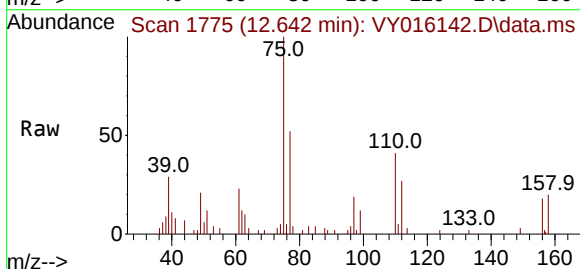
Manual Integrations
APPROVED

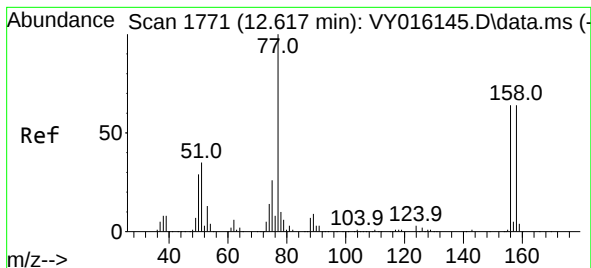
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#76
1,2,3-Trichloropropane
Concen: 4.125 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Tgt Ion: 75 Resp: 5108
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.480 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

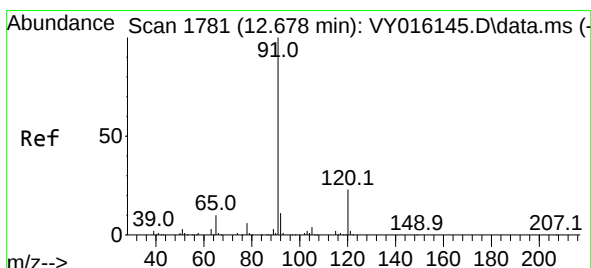
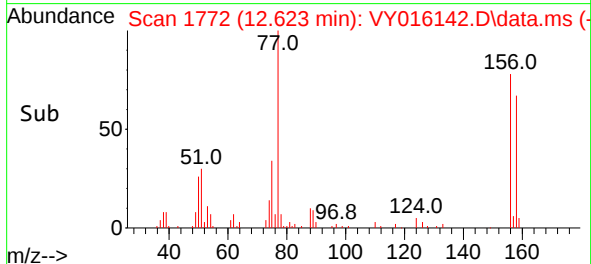
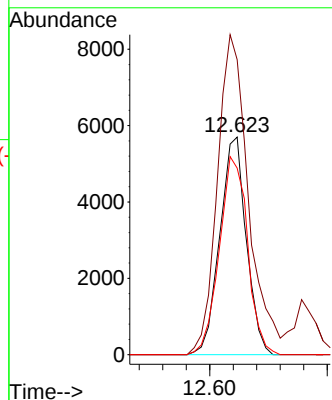
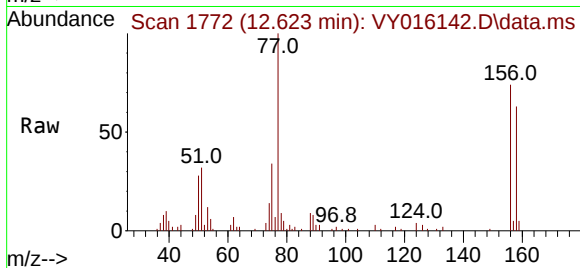
Tgt Ion:	156	Resp:	8930
Ion	Ratio	Lower	Upper
156	100		
77	172.1	92.8	278.6
158	96.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#78

n-propylbenzene

Concen: 4.496 ug/l

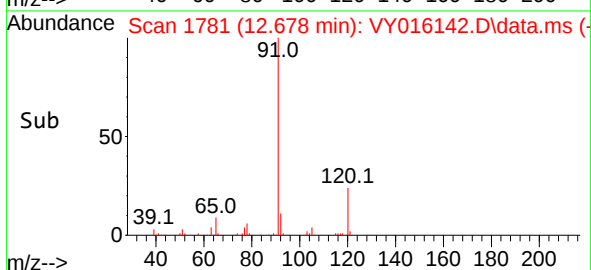
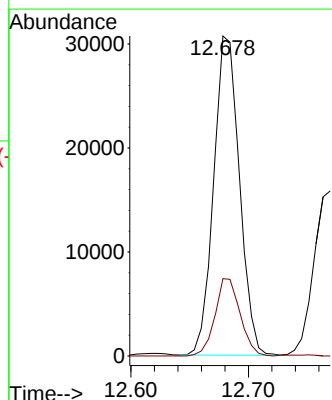
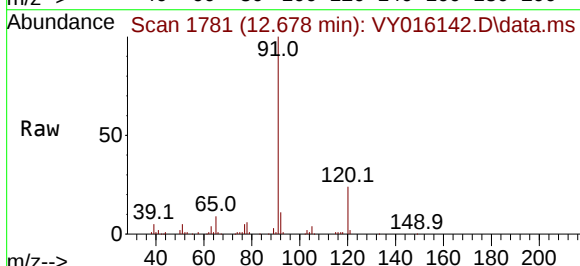
RT: 12.678 min Scan# 1781

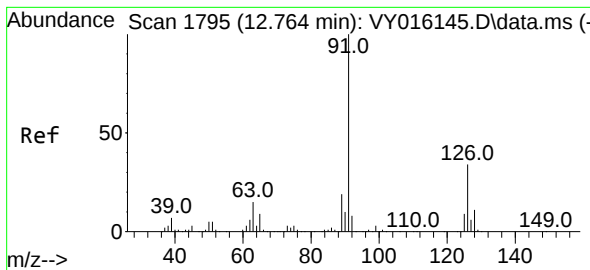
Delta R.T. -0.000 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

Tgt Ion:	91	Resp:	46789
Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.5	34.4





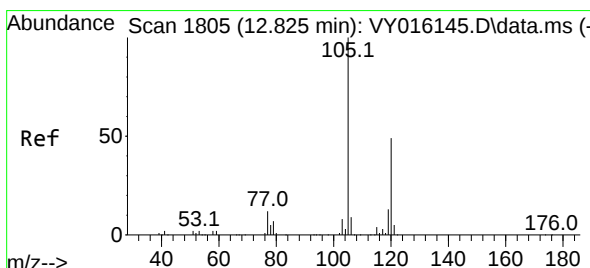
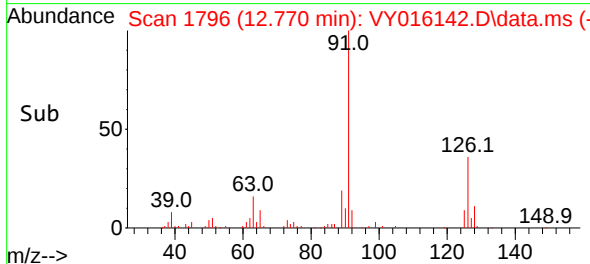
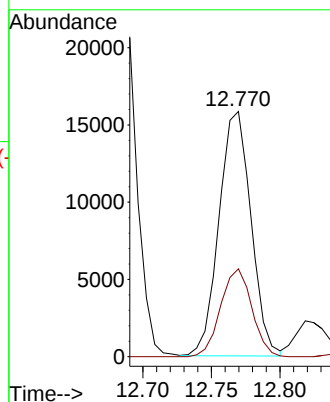
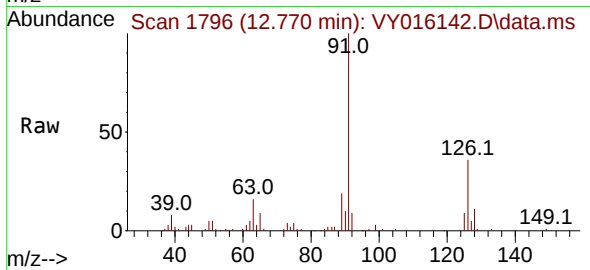
#79
2-Chlorotoluene
Concen: 4.432 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 2572
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7

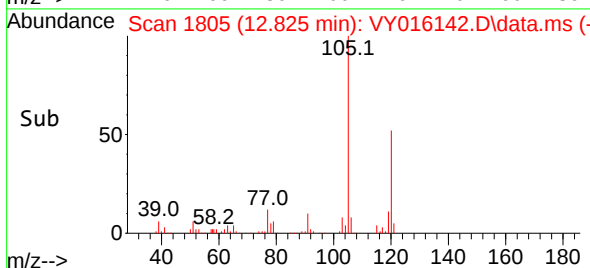
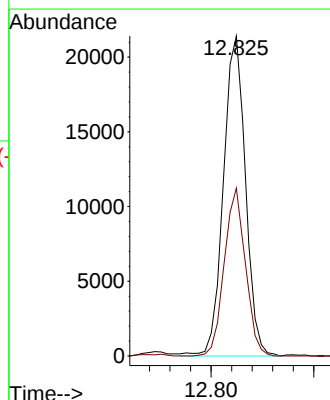
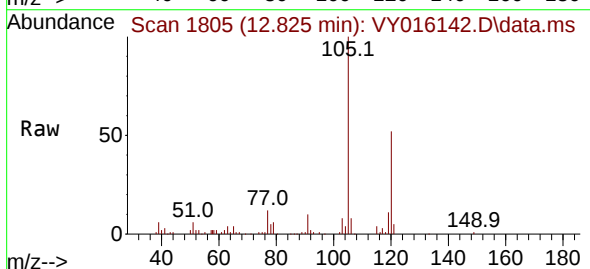
Manual Integrations
APPROVED

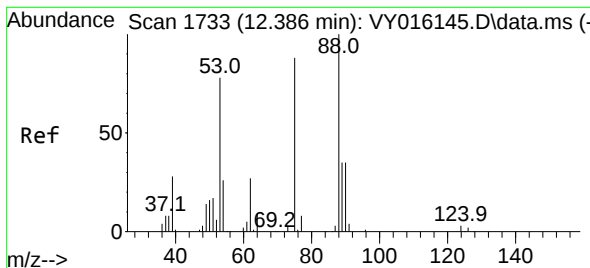
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 4.467 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Tgt Ion:105 Resp: 31858
Ion Ratio Lower Upper
105 100
120 50.3 23.9 71.7





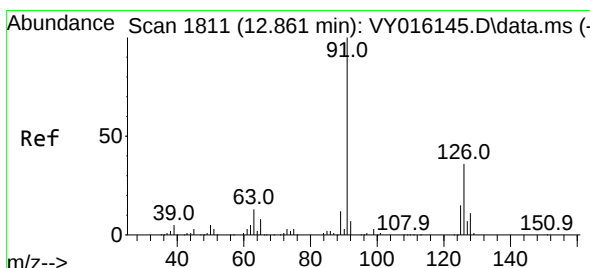
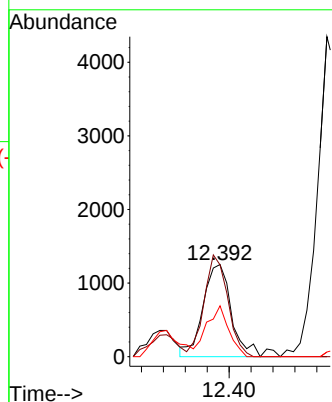
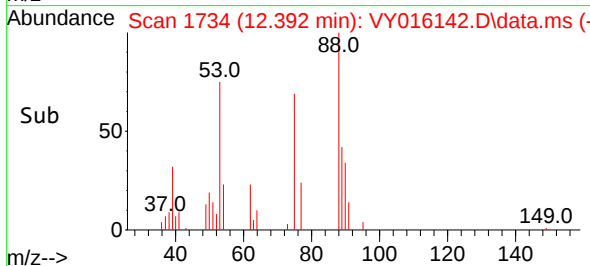
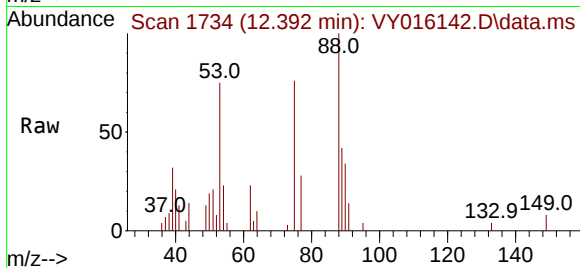
#81
trans-1,4-Dichloro-2-butene
Concen: 4.507 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 229
Ion Ratio Lower Upper
75 100
53 90.1 77.8 116.8
89 42.0 37.4 56.0

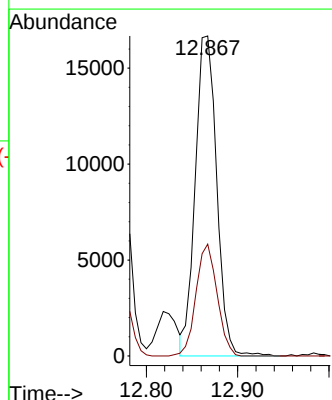
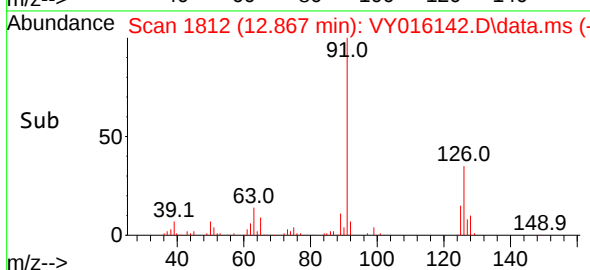
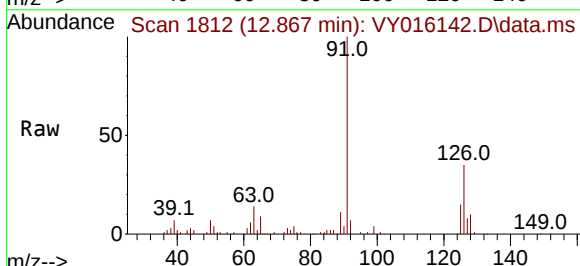
Manual Integrations
APPROVED

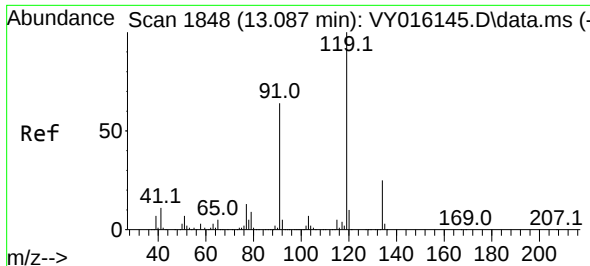
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#82
4-Chlorotoluene
Concen: 4.568 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

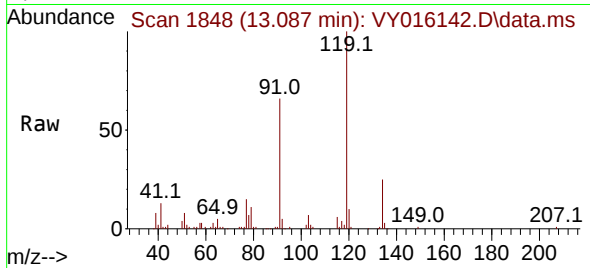
Tgt Ion: 91 Resp: 27225
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 4.399 ug/l
RT: 13.087 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

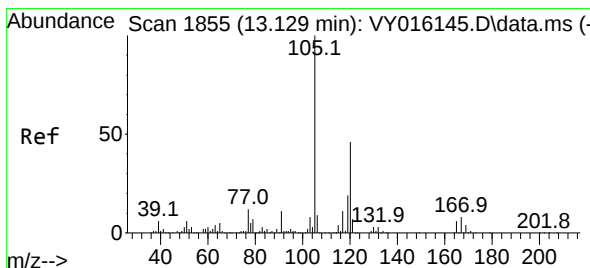
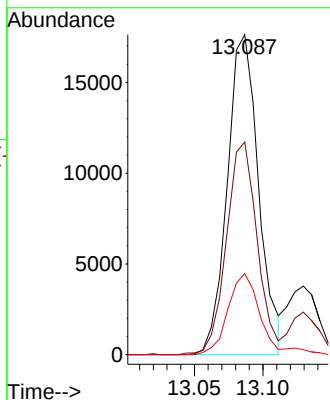
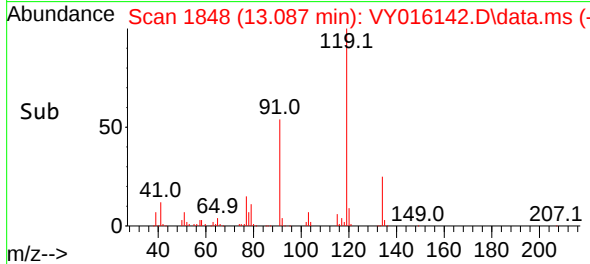
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



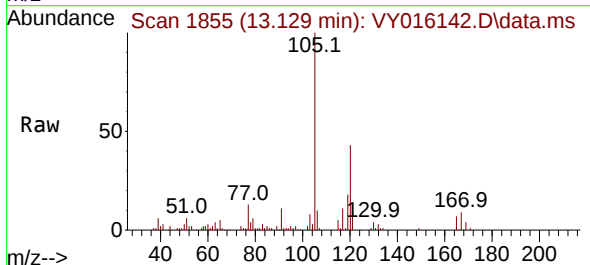
Tgt Ion:119 Resp: 28072
Ion Ratio Lower Upper
119 100
91 65.1 32.9 98.6
134 26.4 13.0 38.9

Manual Integrations
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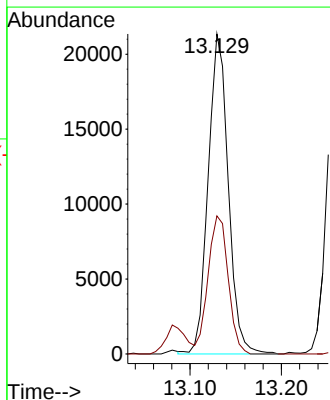
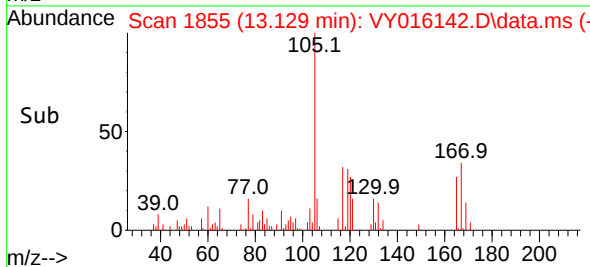
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

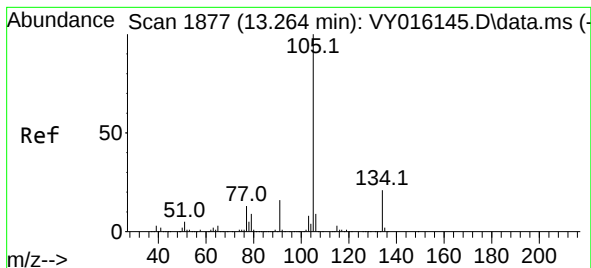


#84
1,2,4-Trimethylbenzene
Concen: 4.615 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26



Tgt Ion:105 Resp: 32562
Ion Ratio Lower Upper
105 100
120 43.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 4.547 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 42584

Ion Ratio Lower Upper

105 100

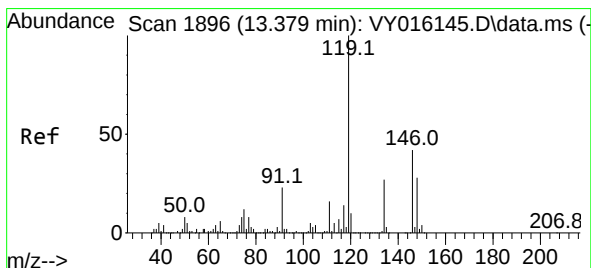
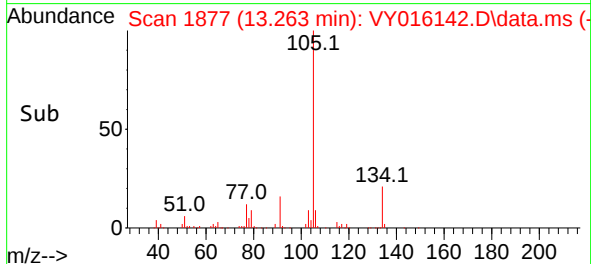
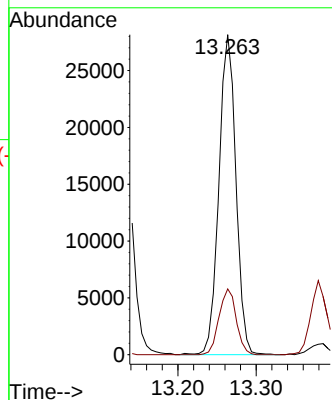
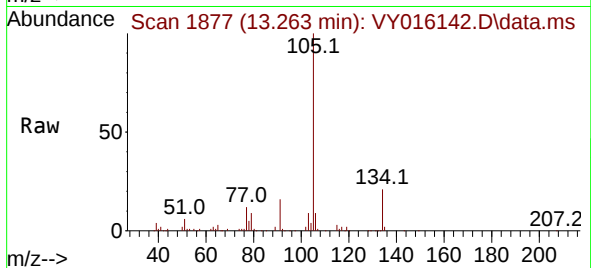
134 20.7 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#86

p-Isopropyltoluene

Concen: 4.534 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

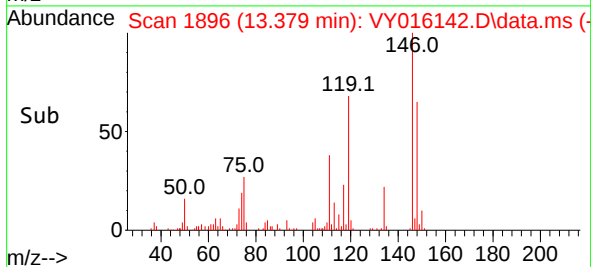
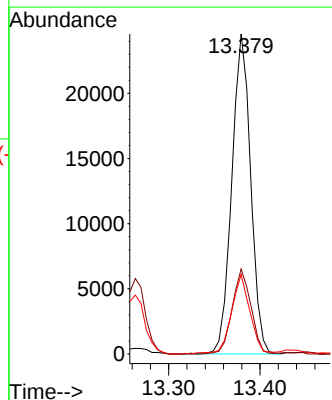
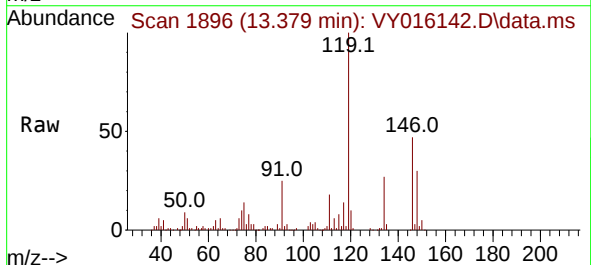
Tgt Ion:119 Resp: 35196

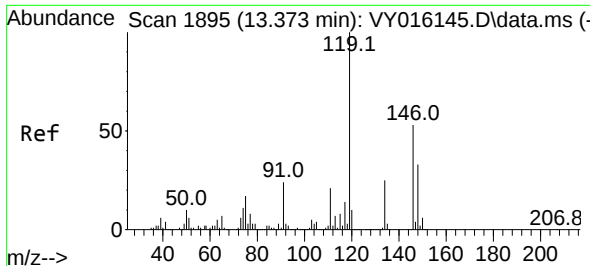
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 24.5 12.4 37.4





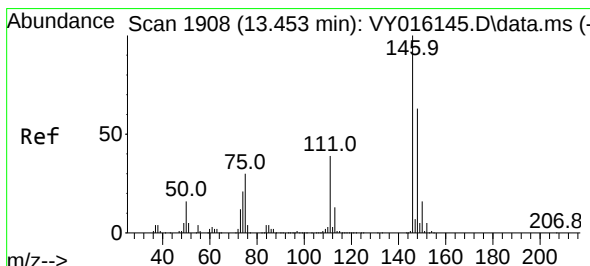
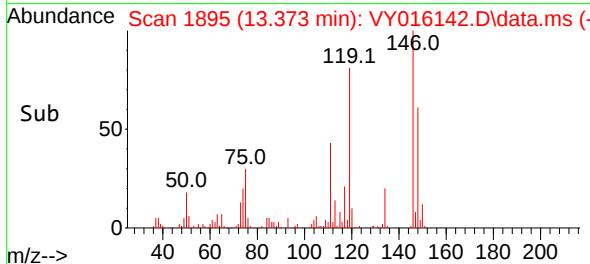
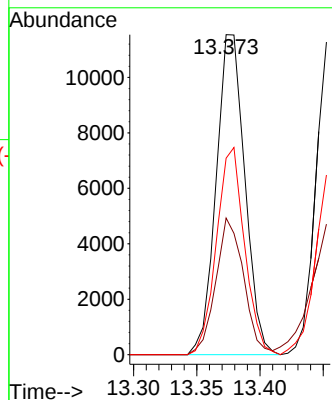
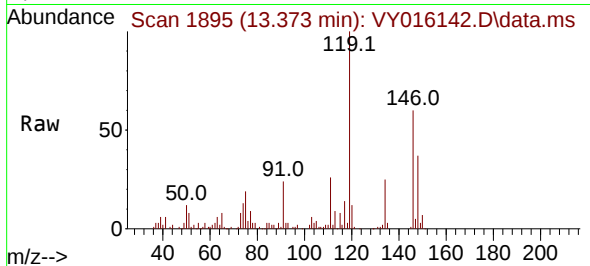
#87
1,3-Dichlorobenzene
Concen: 4.621 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 18210
Ion Ratio Lower Upper
146 100
111 41.5 19.4 58.2
148 63.3 31.9 95.5

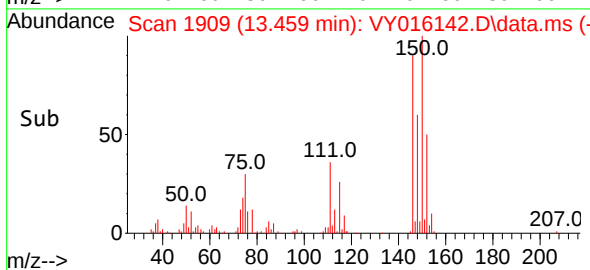
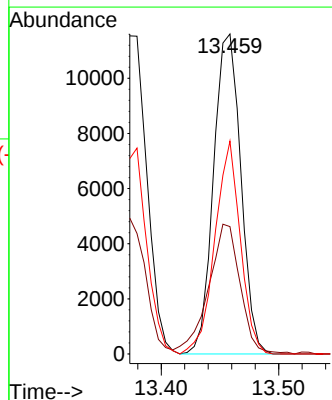
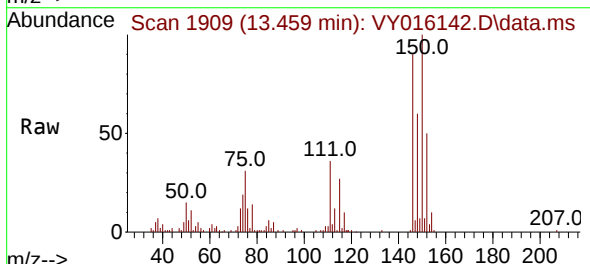
Manual Integrations
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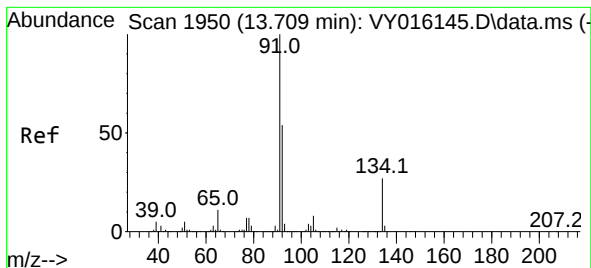
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#88
1,4-Dichlorobenzene
Concen: 4.809 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Tgt Ion:146 Resp: 18734
Ion Ratio Lower Upper
146 100
111 47.2 18.9 56.7
148 62.2 32.1 96.5





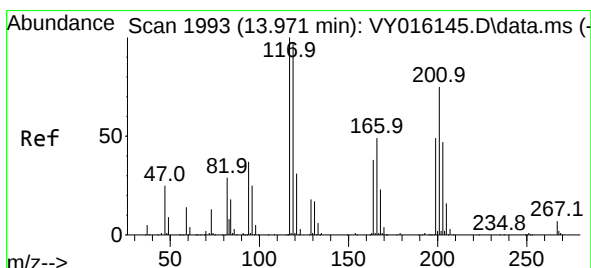
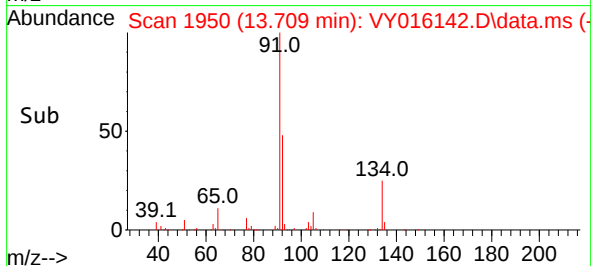
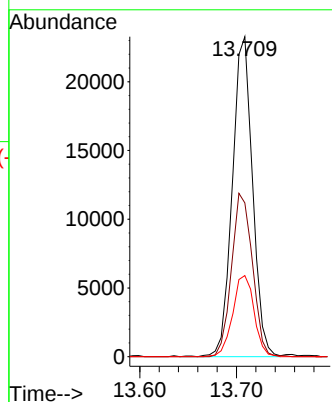
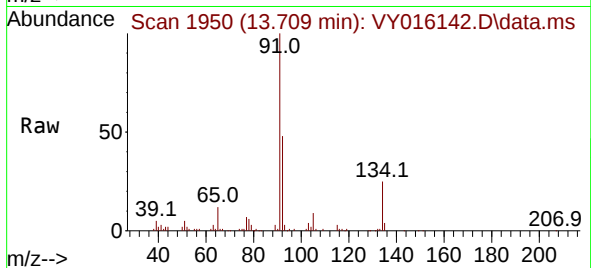
#89
n-Butylbenzene
Concen: 4.739 ug/l
RT: 13.709 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3380
Ion Ratio Lower Upper
91 100
92 52.9 25.4 76.0
134 26.9 12.6 37.6

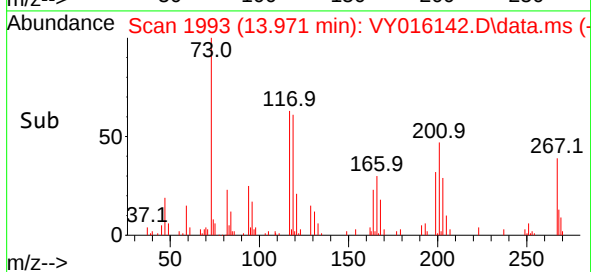
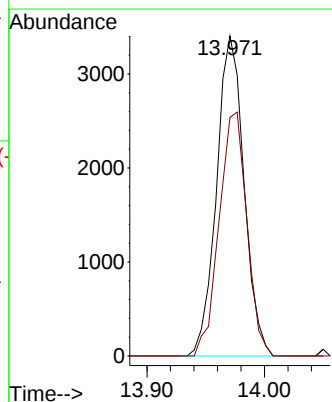
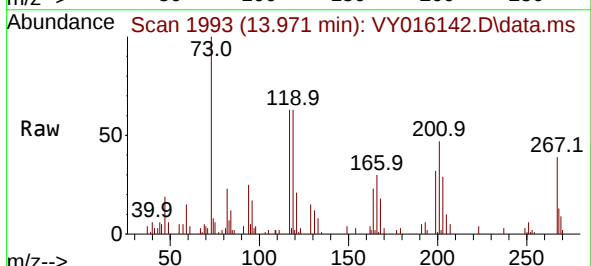
Manual Integrations
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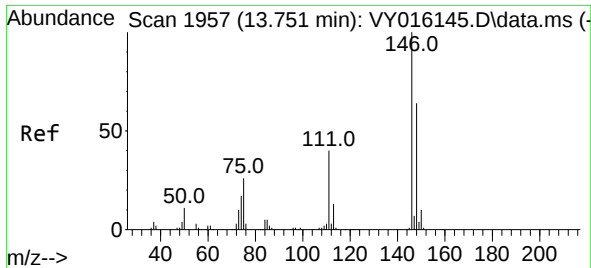
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#90
Hexachloroethane
Concen: 4.134 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Tgt Ion:117 Resp: 5530
Ion Ratio Lower Upper
117 100
201 76.9 41.6 124.8





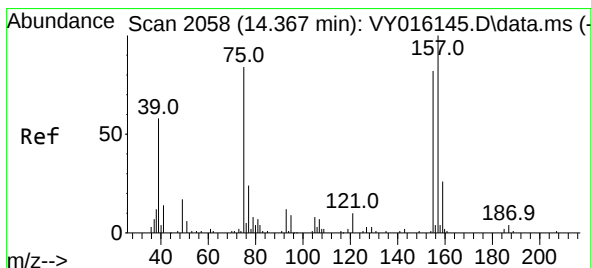
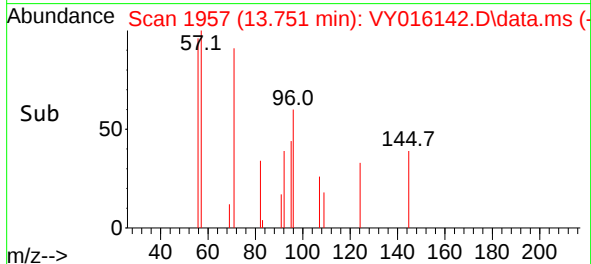
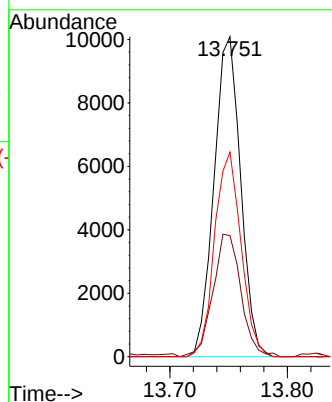
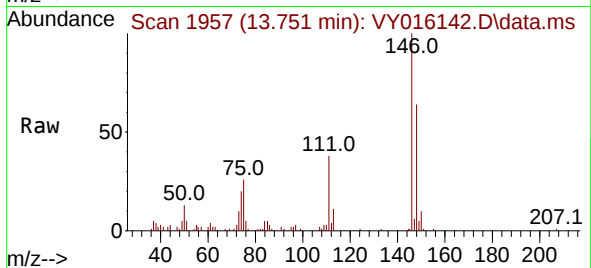
#91
1,2-Dichlorobenzene
Concen: 4.665 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 15889
Ion Ratio Lower Upper
146 100
111 40.1 19.7 59.0
148 63.4 32.0 96.2

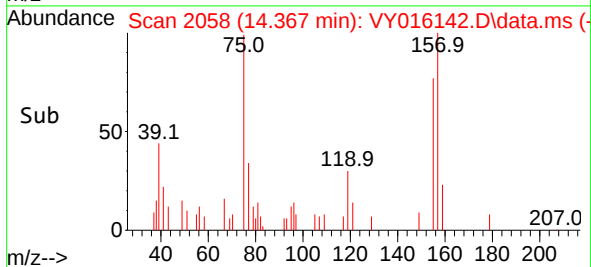
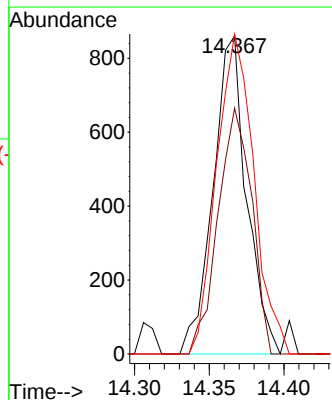
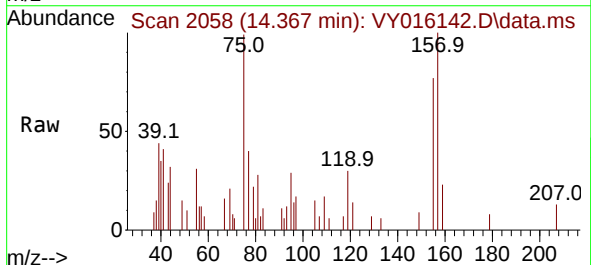
Manual Integrations
APPROVED

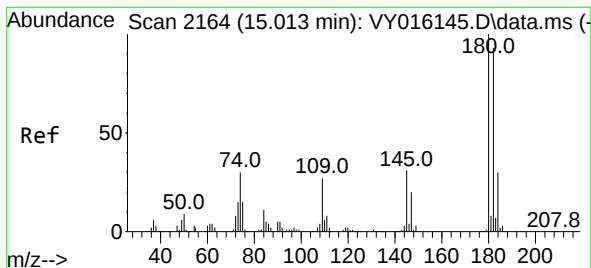
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.354 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Tgt Ion: 75 Resp: 1342
Ion Ratio Lower Upper
75 100
155 77.8 41.5 124.6
157 111.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 5.061 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion:180 Resp: 1063

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.2

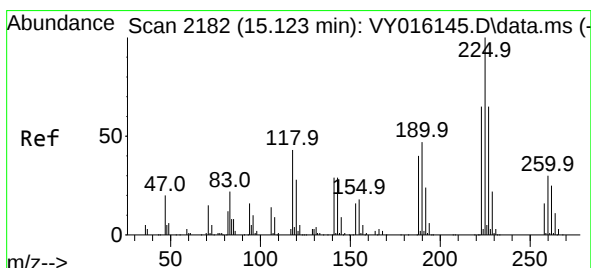
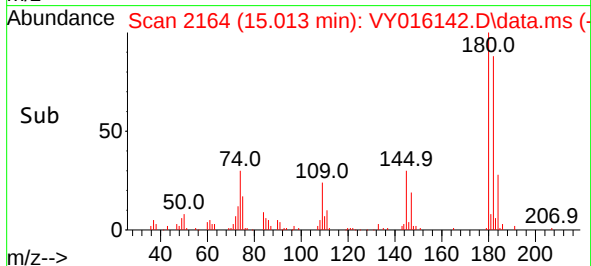
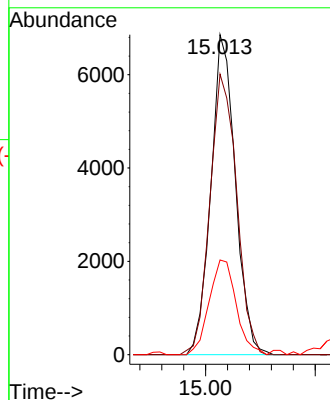
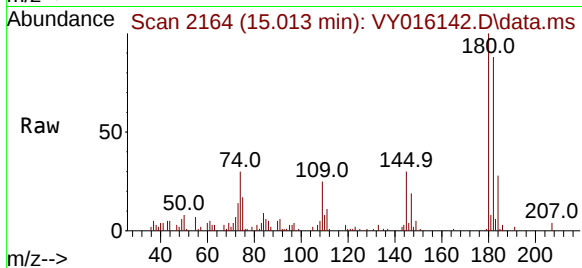
145 32.7 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#94

Hexachlorobutadiene

Concen: 5.104 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016142.D

Acq: 31 Oct 2023 12:26

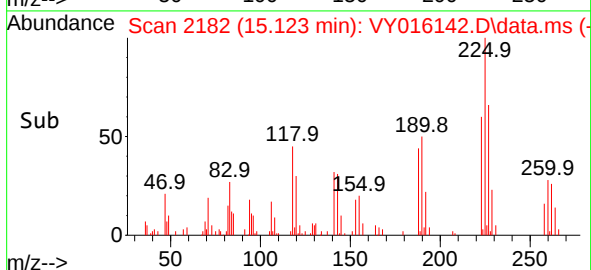
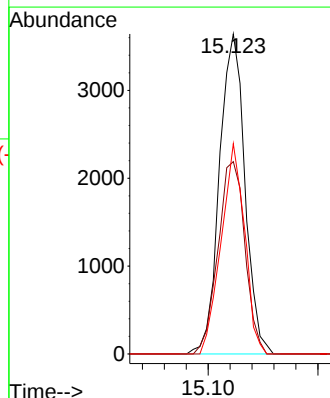
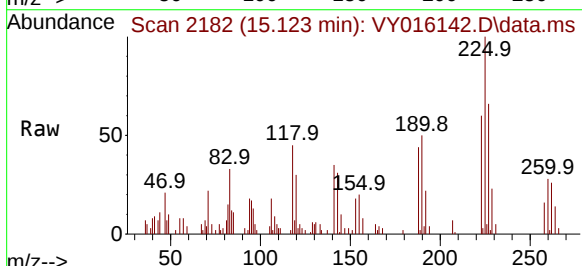
Tgt Ion:225 Resp: 5863

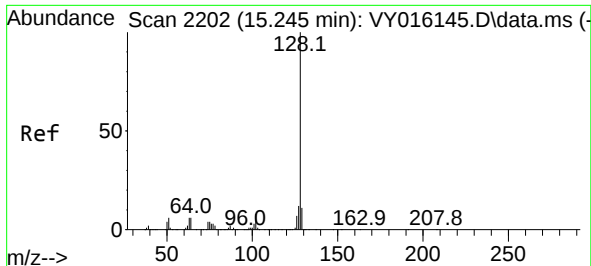
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.9

227 60.7 33.0 98.9





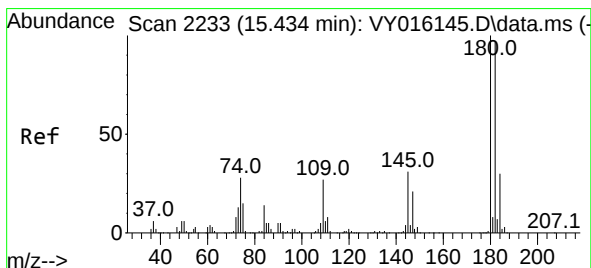
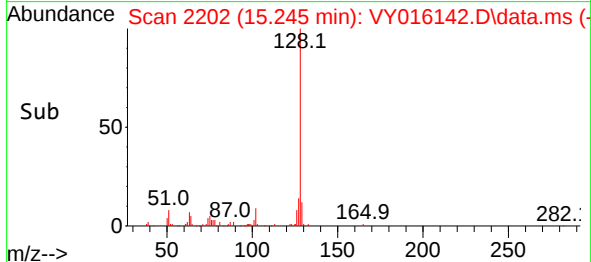
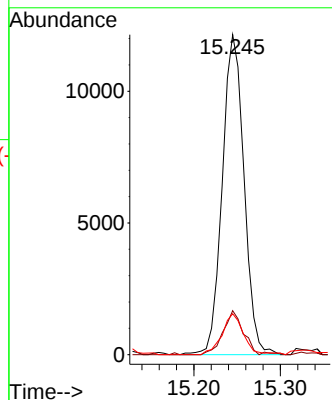
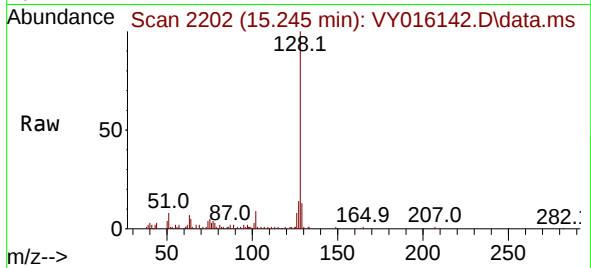
#95
Naphthalene
Concen: 5.188 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 21188
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 12.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 5.202 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY016142.D
Acq: 31 Oct 2023 12:26

Tgt Ion:180 Resp: 9342
Ion Ratio Lower Upper
180 100
182 94.0 47.3 141.8
145 34.9 15.4 46.2

