

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
 Data File : VY016147.D
 Acq On : 31 Oct 2023 14:40
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 01 03:18:44 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

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)

Internal Standards						
1) Pentafluorobenzene	7.801	168	188618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	297337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	256642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	119898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	263503	149.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 298.600%#	
35) Dibromofluoromethane	7.728	113	267682	151.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 302.020%#	
50) Toluene-d8	10.191	98	1074601	152.899	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 305.800%#	
62) 4-Bromofluorobenzene	12.489	95	357661	148.824	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 297.640%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	182384	151.585	ug/l	97
3) Chloromethane	2.119	50	240613	144.439	ug/l	99
4) Vinyl Chloride	2.260	62	262561	152.711	ug/l	97
5) Bromomethane	2.650	94	182856	157.590	ug/l	99
6) Chloroethane	2.796	64	185702	153.416	ug/l	98
7) Trichlorofluoromethane	3.131	101	394333	151.920	ug/l	99
8) Diethyl Ether	3.540	74	131167	152.468	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.906	101	243716	149.042	ug/l	96
10) Methyl Iodide	4.101	142	286263	157.432	ug/l	97
11) Tert butyl alcohol	4.972	59	88457	670.795	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	222674	149.196	ug/l	91
13) Acrolein	3.735	56	87654	739.850	ug/l	98
14) Allyl chloride	4.491	41	323352	151.466	ug/l #	96
15) Acrylonitrile	5.174	53	276999	753.505	ug/l	99
16) Acetone	3.960	43	195372	730.086	ug/l	94
17) Carbon Disulfide	4.204	76	580351	155.750	ug/l	99
18) Methyl Acetate	4.491	43	214890	151.397	ug/l #	90
19) Methyl tert-butyl Ether	5.235	73	657441	154.861	ug/l	99
20) Methylene Chloride	4.729	84	253575	147.175	ug/l	90
21) trans-1,2-Dichloroethene	5.235	96	265355	152.635	ug/l	96
22) Diisopropyl ether	6.131	45	800495	155.028	ug/l	89
23) Vinyl Acetate	6.070	43	1973801	778.558	ug/l #	93
24) 1,1-Dichloroethane	6.033	63	471931	152.713	ug/l	96
25) 2-Butanone	6.996	43	344933	708.376	ug/l #	89
26) 2,2-Dichloropropane	6.996	77	451624	154.596	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	314227	153.587	ug/l	93
28) Bromochloromethane	7.344	49	168919	146.071	ug/l	86
29) Tetrahydrofuran	7.362	42	233647	765.455	ug/l	89
30) Chloroform	7.521	83	507084	150.717	ug/l	96
31) Cyclohexane	7.795	56	385935	142.246	ug/l	90
32) 1,1,1-Trichloroethane	7.716	97	466339	151.137	ug/l	97
36) 1,1-Dichloropropene	7.929	75	380347	148.592	ug/l	99
37) Ethyl Acetate	7.088	43	172620	151.411	ug/l #	96
38) Carbon Tetrachloride	7.911	117	408139	160.943	ug/l	99
39) Methylcyclohexane	9.197	83	463180	151.594	ug/l	91
40) Benzene	8.173	78	1088830	148.169	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	103447	156.321	ug/l #	87
42) 1,2-Dichloroethane	8.246	62	305279	148.864	ug/l	94
43) Isopropyl Acetate	8.283	43	342084	151.692	ug/l #	92
44) Trichloroethene	8.947	130	317407	147.598	ug/l	100
45) 1,2-Dichloropropane	9.228	63	268620	151.953	ug/l	98
46) Dibromomethane	9.313	93	150457	150.035	ug/l	98
47) Bromodichloromethane	9.508	83	388839	152.610	ug/l	96
48) Methyl methacrylate	9.301	41	157471	153.561	ug/l	89
49) 1,4-Dioxane	9.307	88	31772	2814.248	ug/l #	47
51) 4-Methyl-2-Pentanone	10.081	43	848356	753.938	ug/l	91
52) Toluene	10.252	92	715338	150.223	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	398940	156.846	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	458417	153.595	ug/l	91
55) 1,1,2-Trichloroethane	10.654	97	210689	149.360	ug/l	97
56) Ethyl methacrylate	10.520	69	288678	157.580	ug/l #	86
57) 1,3-Dichloropropane	10.801	76	357048	148.683	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	672850	757.437	ug/l	93
59) 2-Hexanone	10.837	43	574118	744.564	ug/l	89
60) Dibromochloromethane	10.996	129	270396	152.793	ug/l	99
61) 1,2-Dibromoethane	11.099	107	202077	150.609	ug/l	99
64) Tetrachloroethene	10.727	164	319944	140.154	ug/l	97
65) Chlorobenzene	11.526	112	767178	150.460	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	293813	155.574	ug/l	99
67) Ethyl Benzene	11.599	91	1395957	153.067	ug/l	99
68) m/p-Xylenes	11.709	106	1077705	305.811	ug/l	95
69) o-Xylene	12.038	106	520204	154.604	ug/l	96
70) Styrene	12.050	104	869218	155.395	ug/l	96
71) Bromoform	12.215	173	162138	154.756	ug/l #	100
73) Isopropylbenzene	12.337	105	1372338	152.587	ug/l	99
74) N-amyl acetate	12.148	43	307463	157.316	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	221788	154.972	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	146320m	115.647	ug/l	
77) Bromobenzene	12.617	156	311899	153.154	ug/l	95
78) n-propylbenzene	12.678	91	1593376	149.850	ug/l	99
79) 2-Chlorotoluene	12.764	91	894090	150.760	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	1091309	149.771	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	82798	159.000	ug/l	92
82) 4-Chlorotoluene	12.861	91	910958	149.585	ug/l	98
83) tert-Butylbenzene	13.081	119	963812	147.831	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	1066308	147.892	ug/l	97
85) sec-Butylbenzene	13.264	105	1402027	146.516	ug/l	99
86) p-Isopropyltoluene	13.373	119	1155913	145.750	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	595725	147.909	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	578291	145.271	ug/l	99
89) n-Butylbenzene	13.703	91	1032562	141.696	ug/l	96
90) Hexachloroethane	13.965	117	215083	157.373	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	510767	146.775	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	36377	142.028	ug/l	89
93) 1,2,4-Trichlorobenzene	15.013	180	290169	135.097	ug/l	99
94) Hexachlorobutadiene	15.117	225	150279	128.039	ug/l	98
95) Naphthalene	15.239	128	585493	140.317	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	244144	133.064	ug/l	98

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

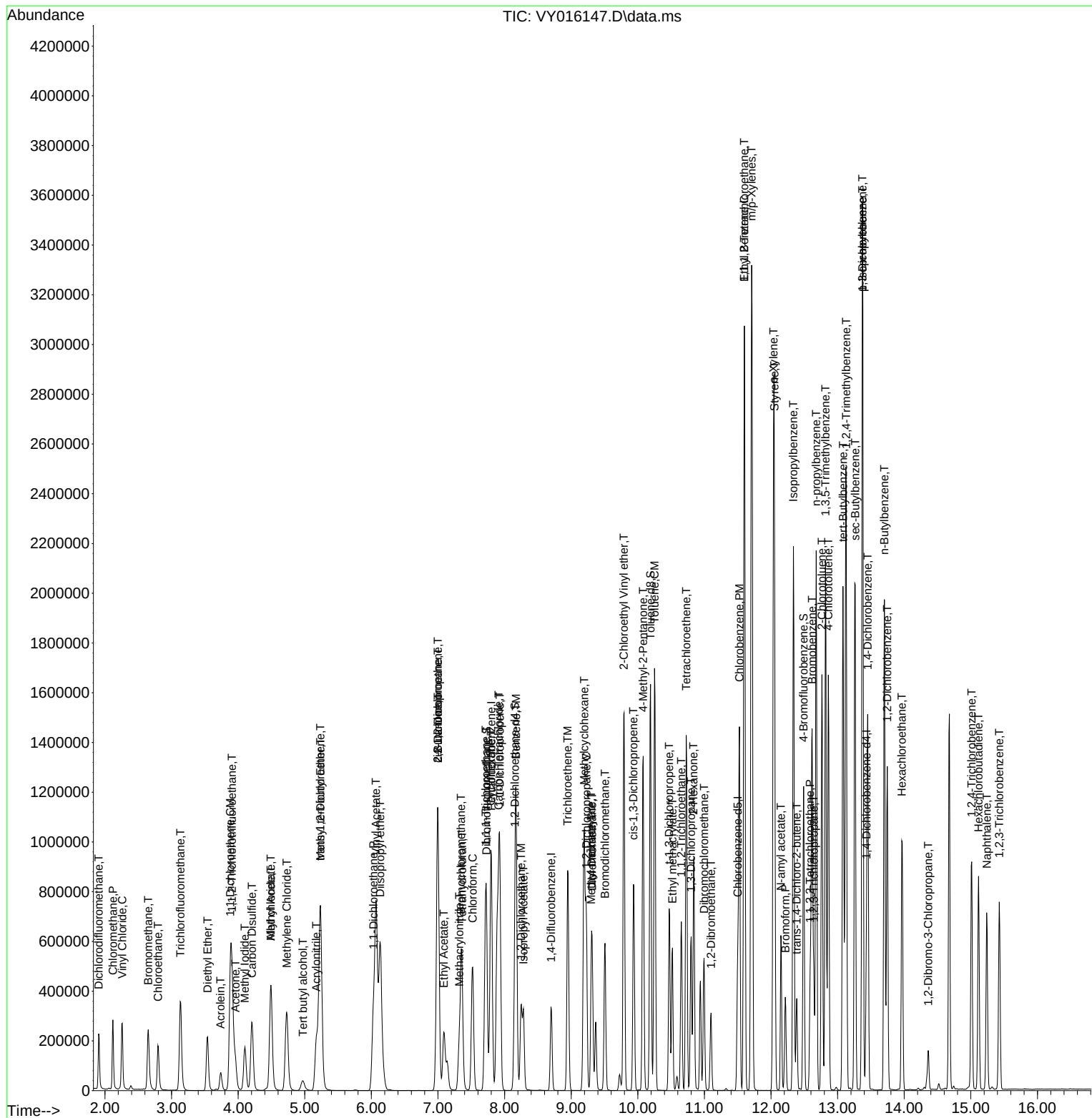
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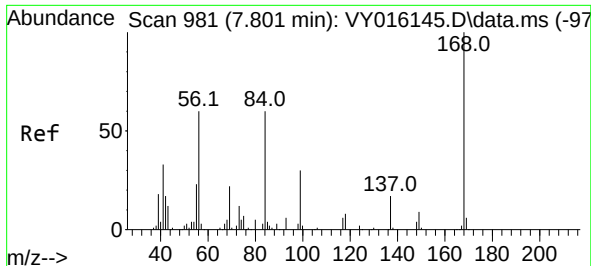
Instrument :
MSVOA_Y
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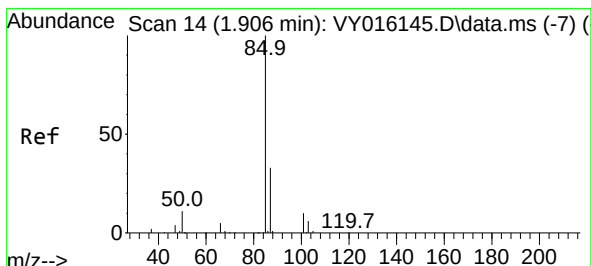
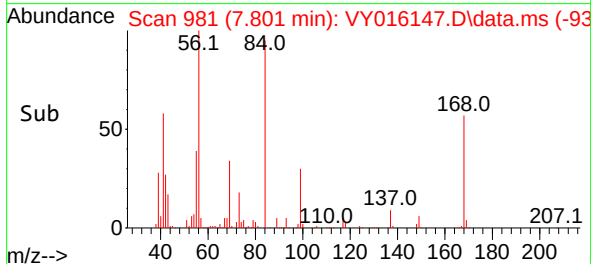
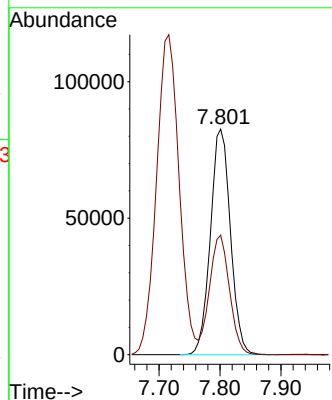
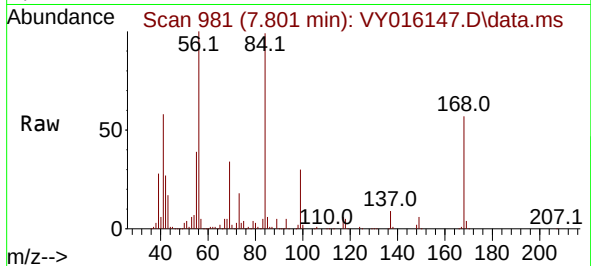
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016147.D
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Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 188618
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0

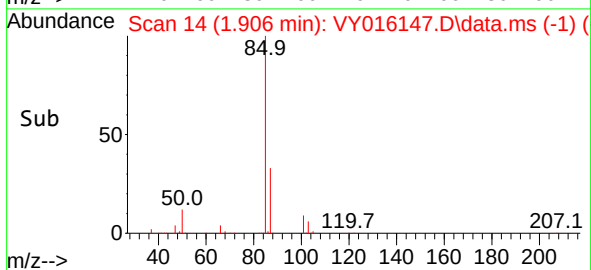
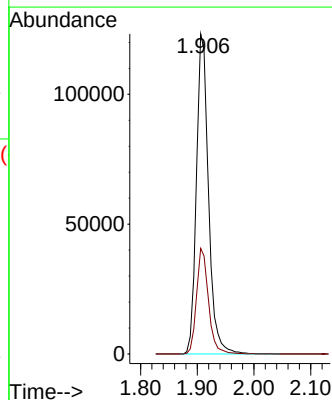
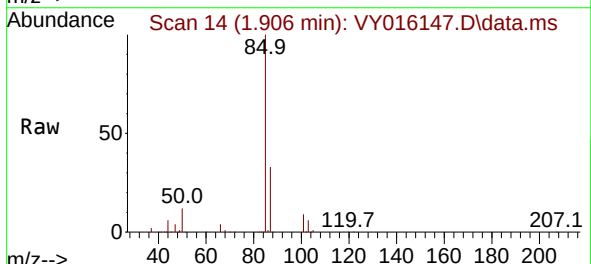
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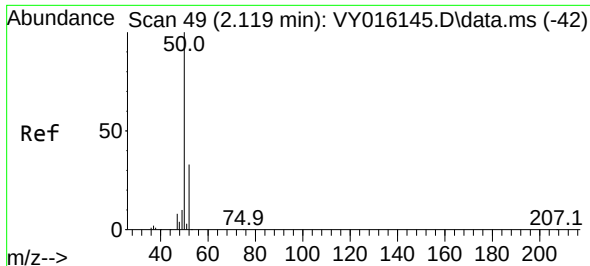
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#2
Dichlorodifluoromethane
Concen: 151.585 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

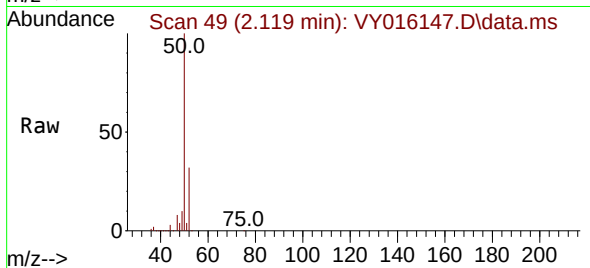
Tgt Ion: 85 Resp: 182384
Ion Ratio Lower Upper
85 100
87 33.0 15.6 46.8





#3
Chloromethane
Concen: 144.439 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

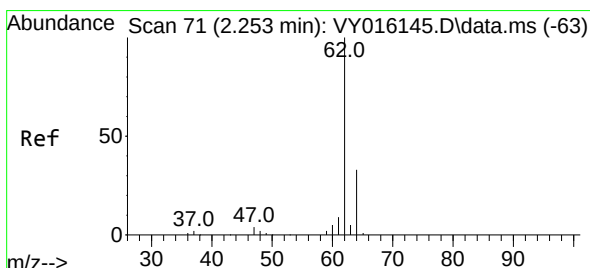
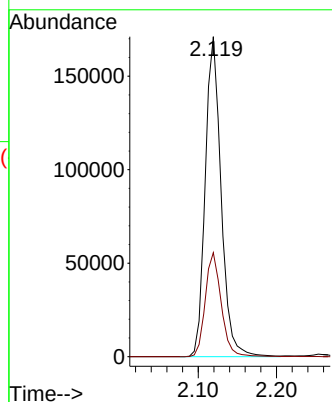
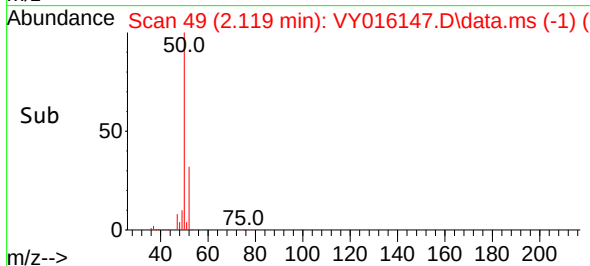
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 50 Resp: 24061
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

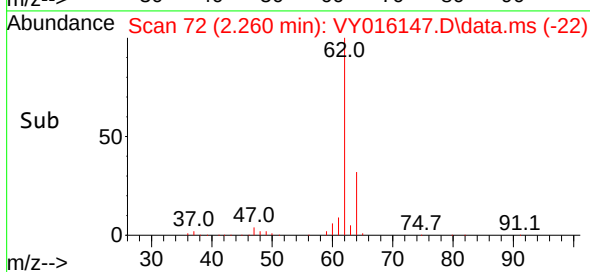
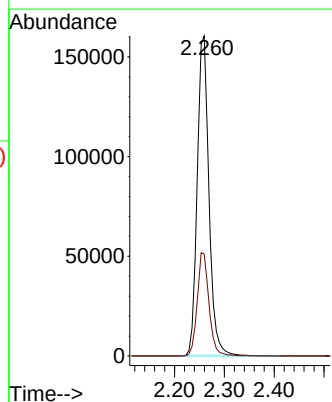
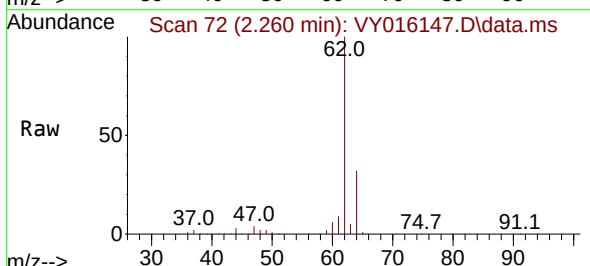
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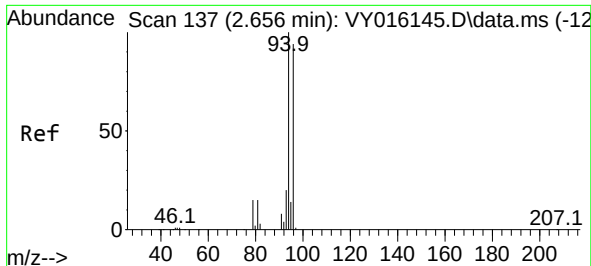
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#4
Vinyl Chloride
Concen: 152.711 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

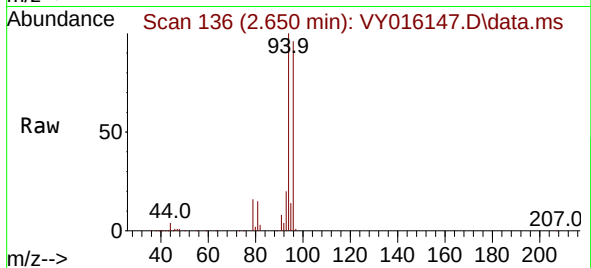
Tgt Ion: 62 Resp: 262561
Ion Ratio Lower Upper
62 100
64 31.9 24.3 36.5





#5
Bromomethane
Concen: 157.590 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

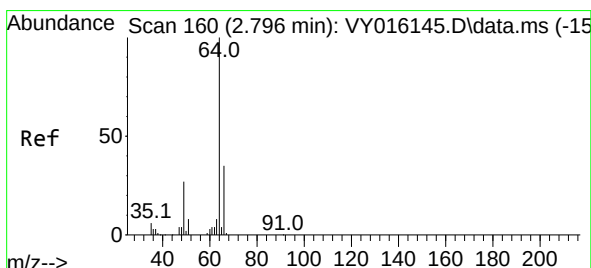
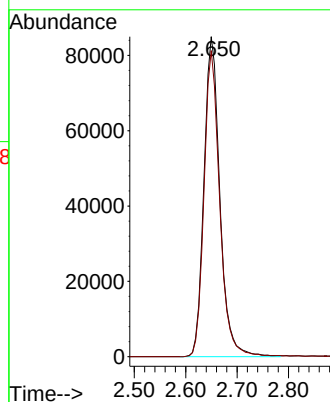
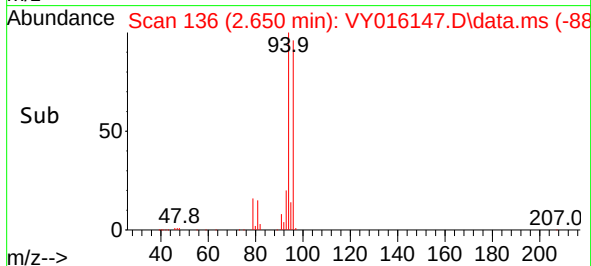
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Tgt Ion: 94 Resp: 182850
Ion Ratio Lower Upper
94 100
96 95.7 75.8 113.6

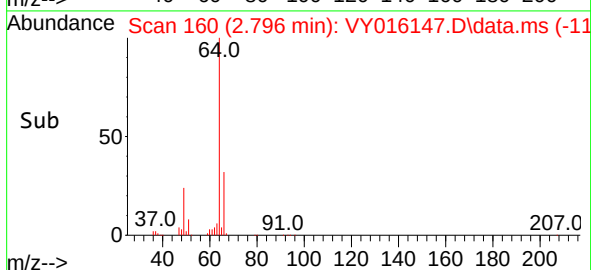
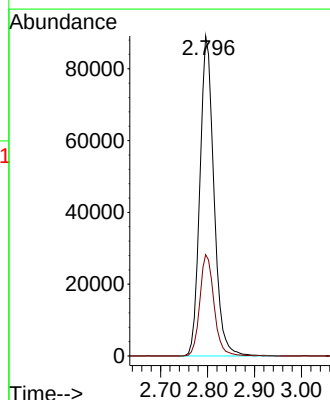
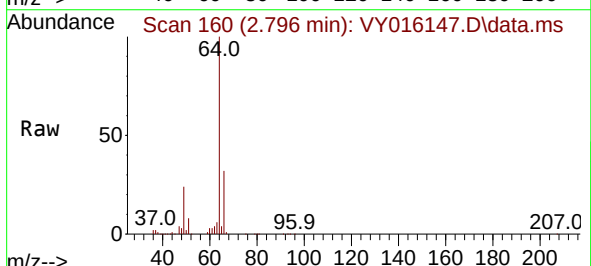
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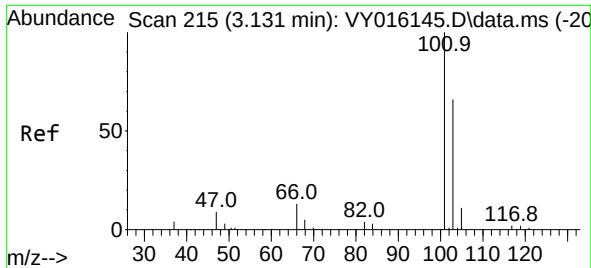
Reviewed By :John Carlone 11/01/2023
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#6
Chloroethane
Concen: 153.416 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

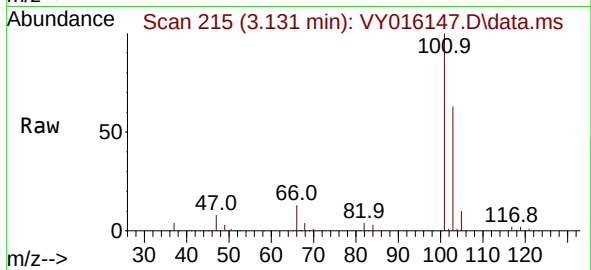
Tgt Ion: 64 Resp: 185702
Ion Ratio Lower Upper
64 100
66 31.6 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 151.920 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY016147.D
 Acq: 31 Oct 2023 14:40

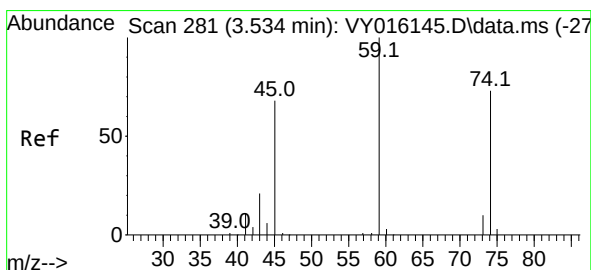
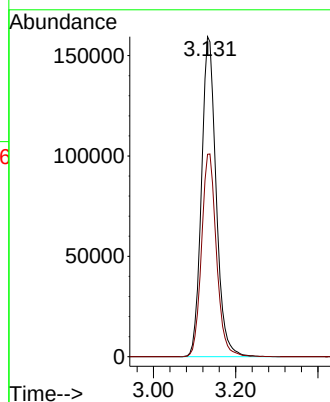
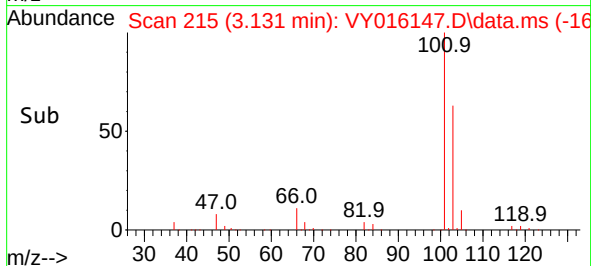
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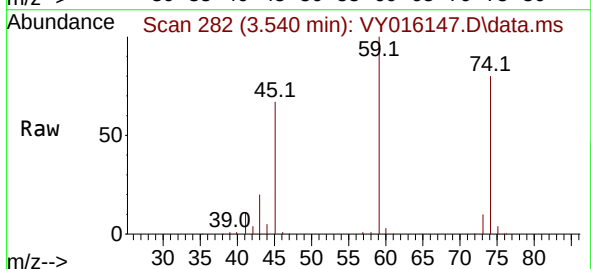
Tgt Ion:101 Resp: 39433
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.4 77.0

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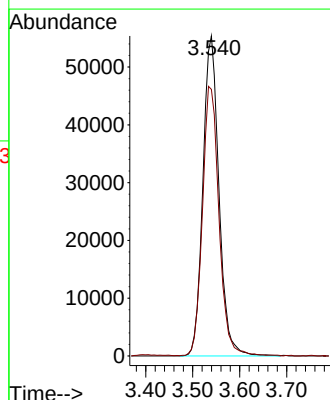
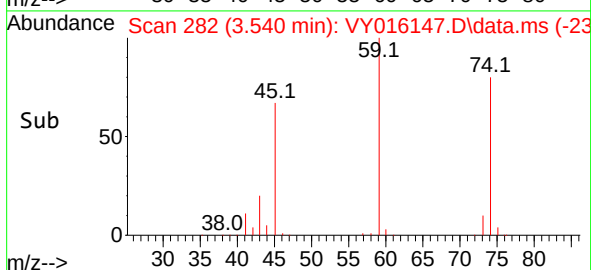
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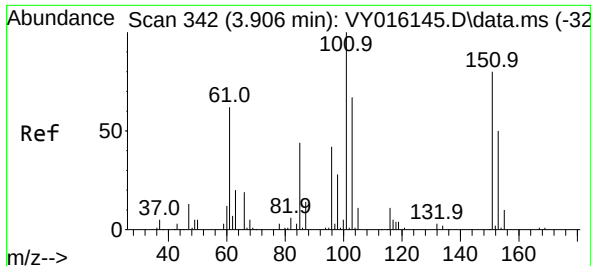


#8
 Diethyl Ether
 Concen: 152.468 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.006 min
 Lab File: VY016147.D
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Tgt Ion: 74 Resp: 131167
 Ion Ratio Lower Upper
 74 100
 45 87.3 51.5 154.5





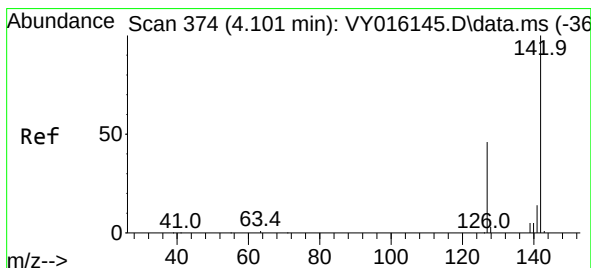
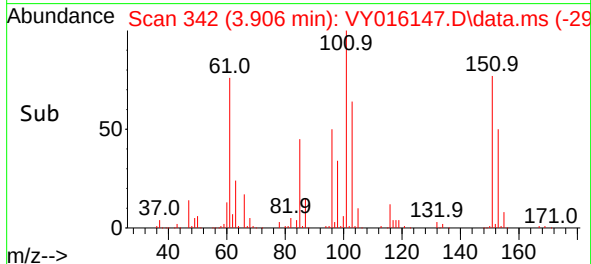
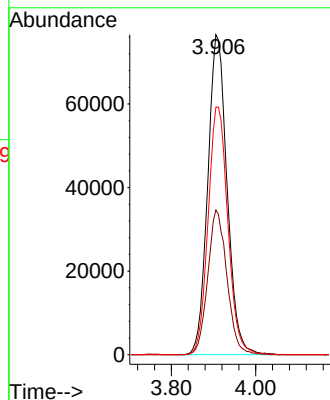
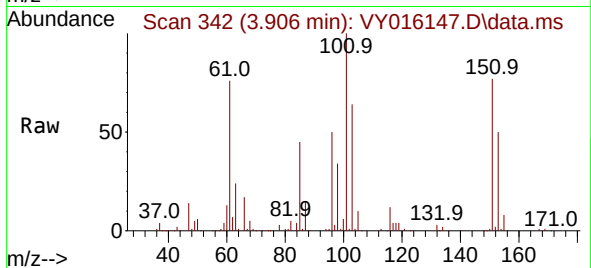
#9
1,1,2-Trichlorotrifluoroethane
Concen: 149.042 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 243710
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 79.2 67.0 100.6

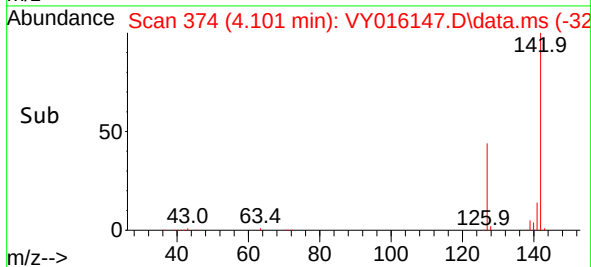
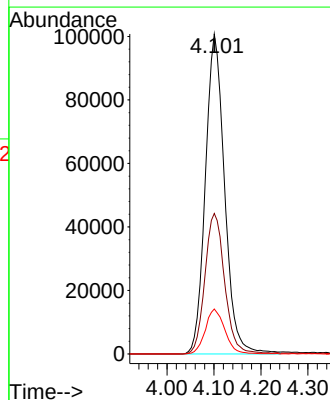
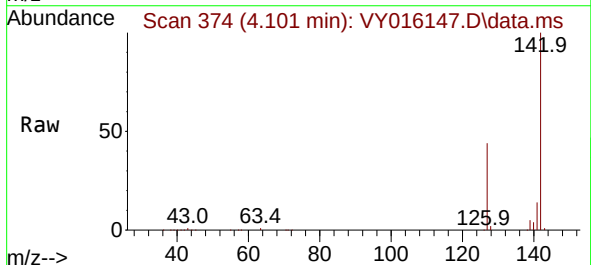
Manual Integrations
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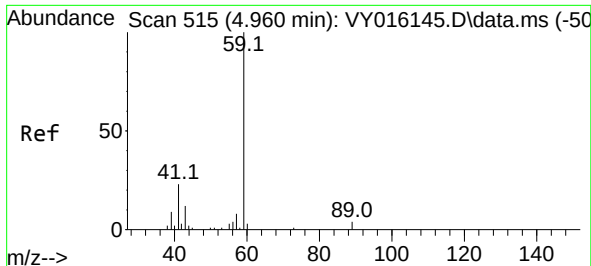
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#10
Methyl Iodide
Concen: 157.432 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Tgt Ion:142 Resp: 286263
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 670.795 ug/l

RT: 4.972 min Scan# 515

Delta R.T. 0.012 min

Lab File: VY016147.D

Acq: 31 Oct 2023 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 59 Resp: 8845

Ion Ratio Lower Upper

59 100

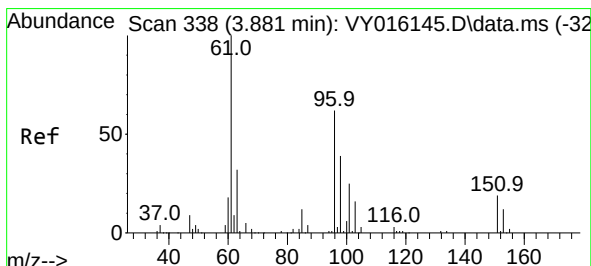
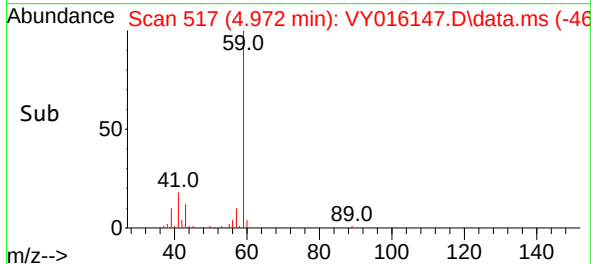
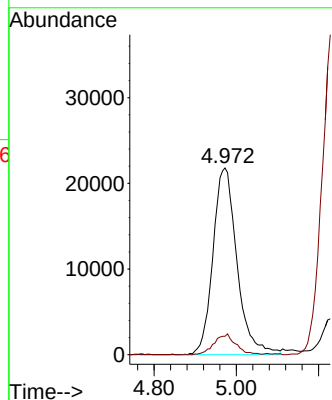
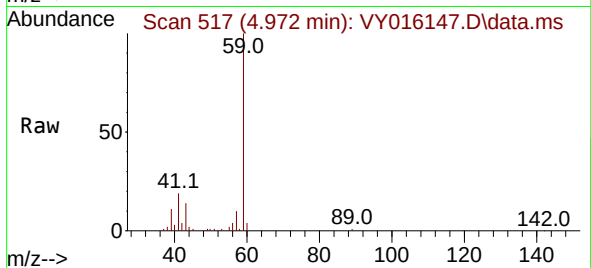
57 10.0 3.0 4.4

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Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#12

1,1-Dichloroethene

Concen: 149.196 ug/l

RT: 3.881 min Scan# 338

Delta R.T. 0.000 min

Lab File: VY016147.D

Acq: 31 Oct 2023 14:40

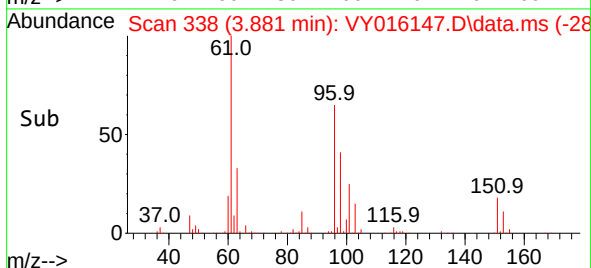
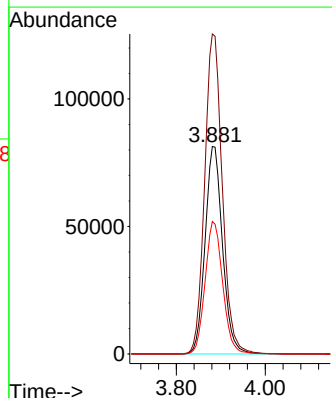
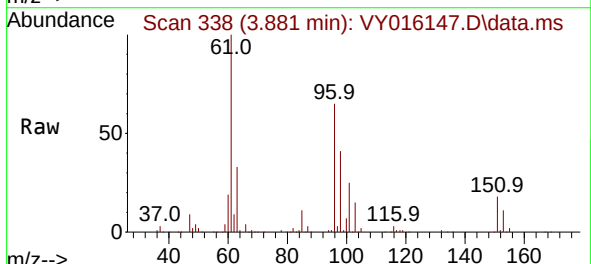
Tgt Ion: 96 Resp: 222674

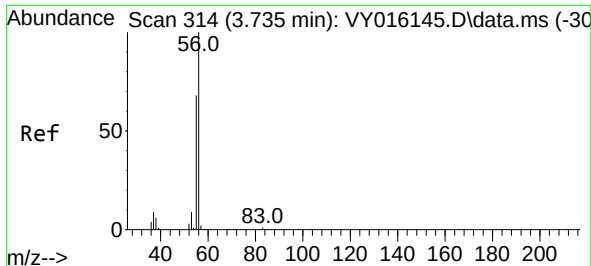
Ion Ratio Lower Upper

96 100

61 154.2 136.4 204.6

98 63.8 49.4 74.2





#13

Acrolein

Concen: 739.850 ug/l

RT: 3.735 min Scan# 314

Delta R.T. -0.000 min

Lab File: VY016147.D

Acq: 31 Oct 2023 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 56 Resp: 87654

Ion Ratio Lower Upper

56 100

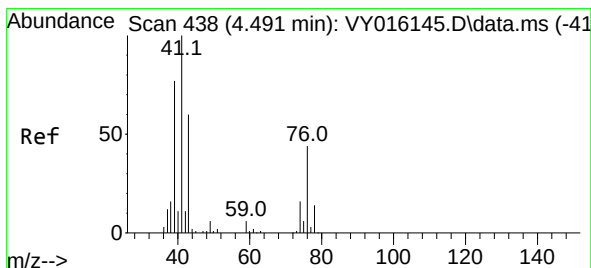
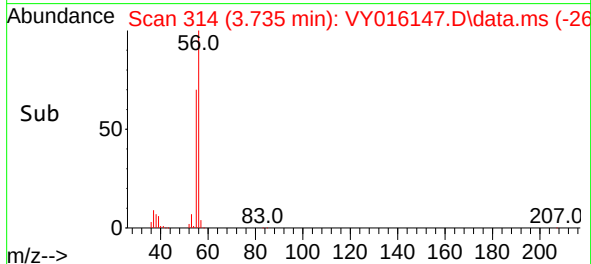
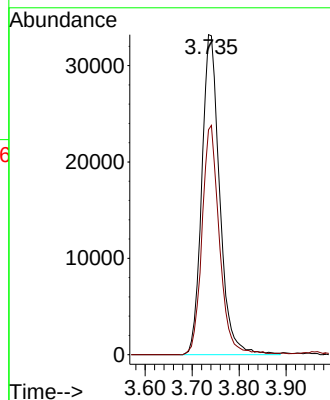
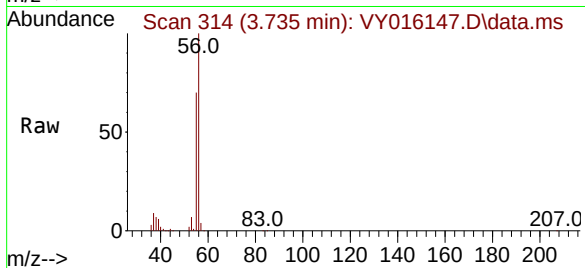
55 69.9 57.0 85.4

Manual Integrations

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Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#14

Allyl chloride

Concen: 151.466 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY016147.D

Acq: 31 Oct 2023 14:40

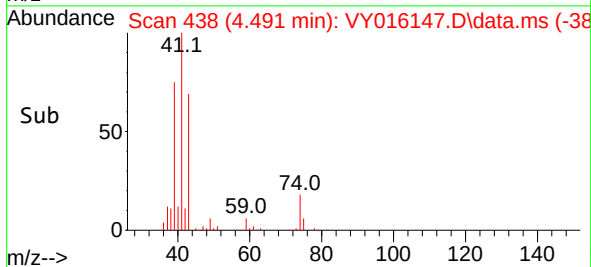
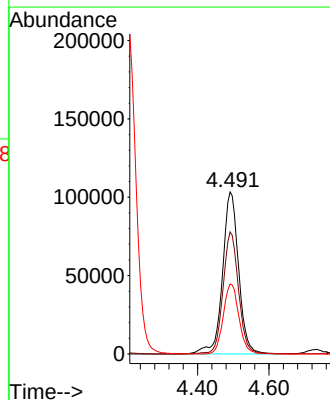
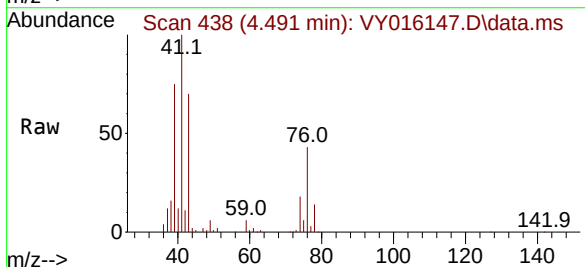
Tgt Ion: 41 Resp: 323352

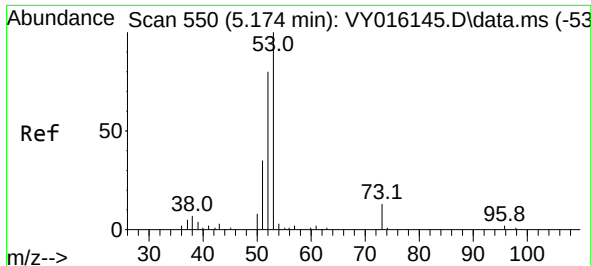
Ion Ratio Lower Upper

41 100

39 72.6 58.0 87.0

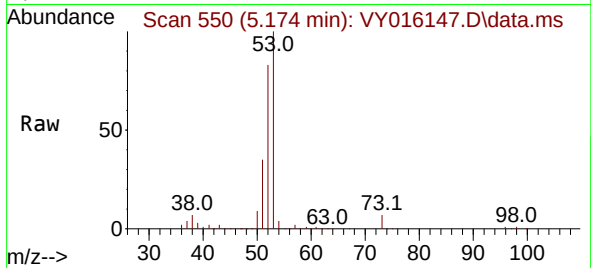
76 41.9 27.4 41.2#





#15
Acrylonitrile
Concen: 753.505 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

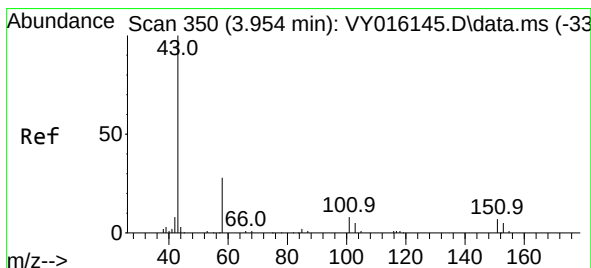
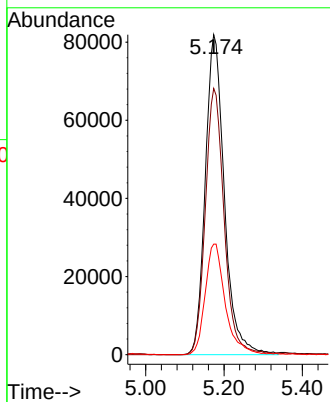
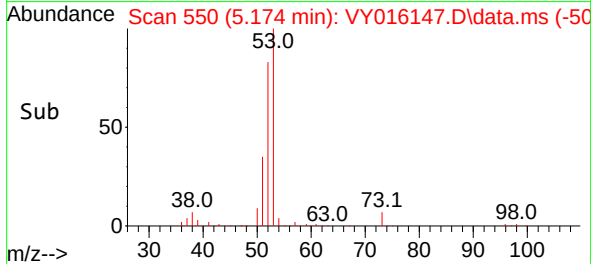
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



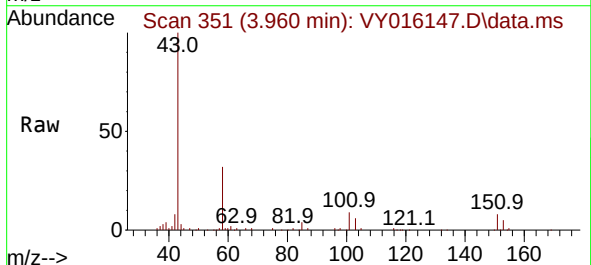
Tgt Ion: 53 Resp: 276999
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 36.7 29.8 44.6

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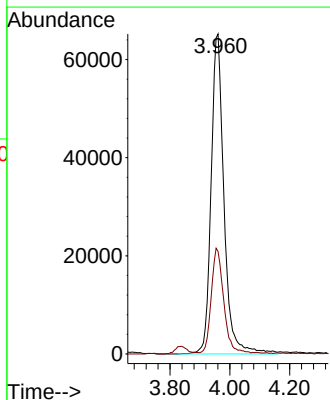
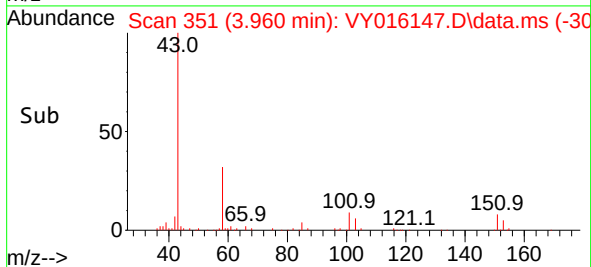
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

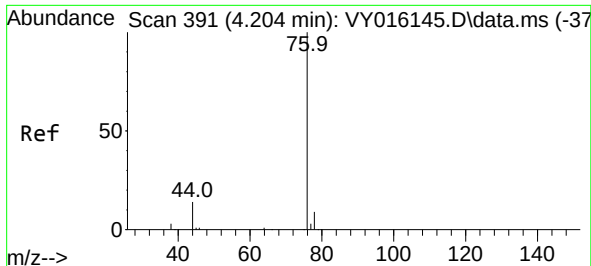


#16
Acetone
Concen: 730.086 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40



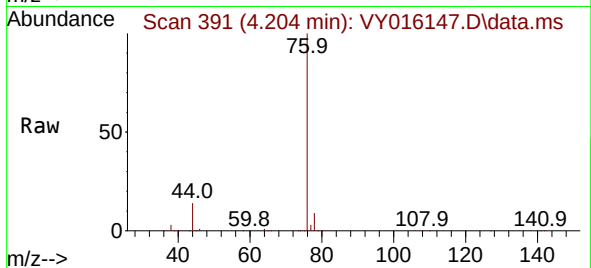
Tgt Ion: 43 Resp: 195372
Ion Ratio Lower Upper
43 100
58 31.7 22.7 34.1





#17
Carbon Disulfide
Concen: 155.750 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

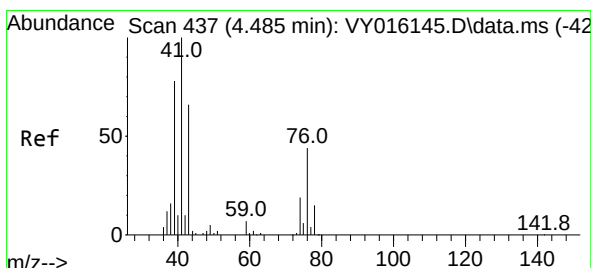
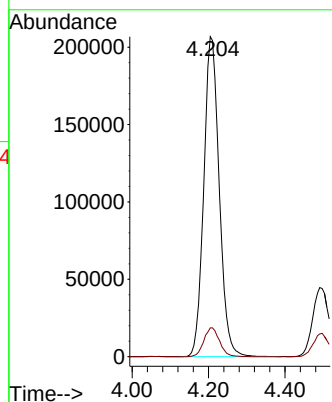
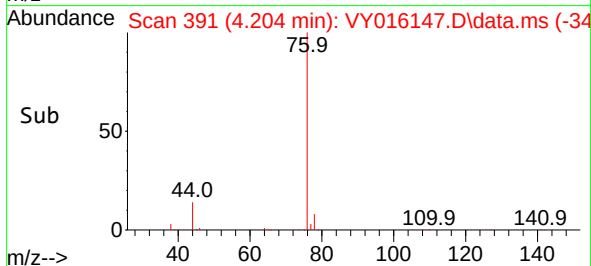
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 58035
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

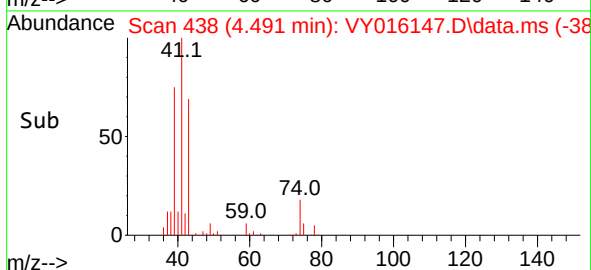
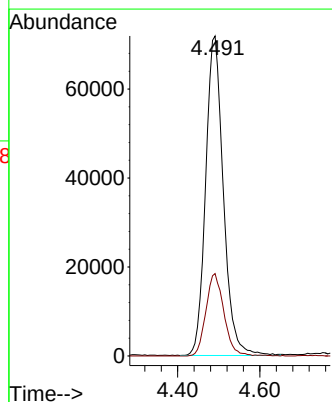
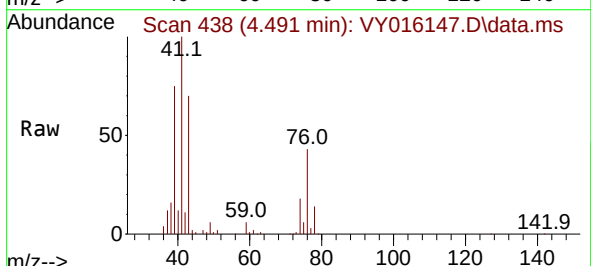
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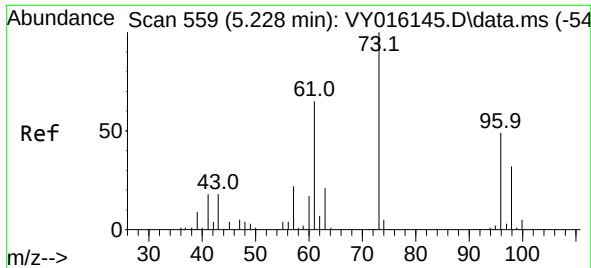
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#18
Methyl Acetate
Concen: 151.397 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Tgt Ion: 43 Resp: 214890
Ion Ratio Lower Upper
43 100
74 26.3 17.4 26.0#





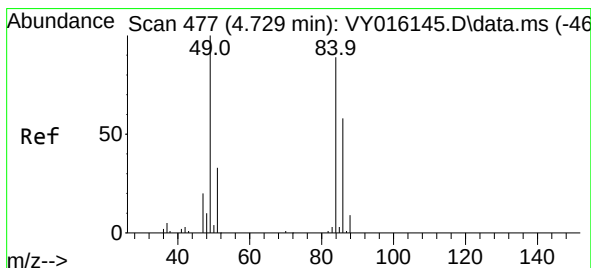
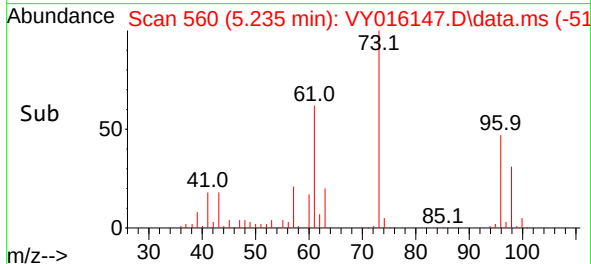
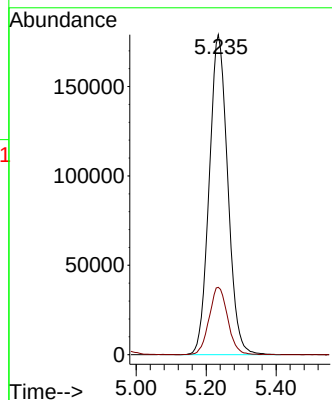
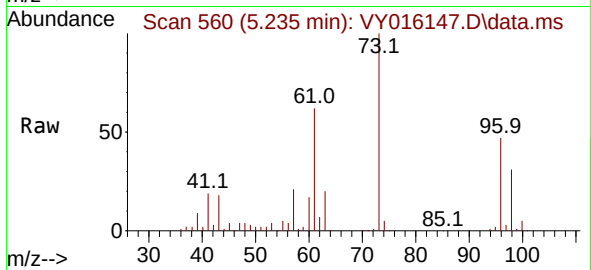
#19
Methyl tert-butyl Ether
Concen: 154.861 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 65744
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

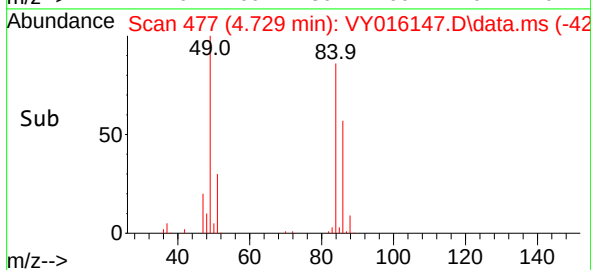
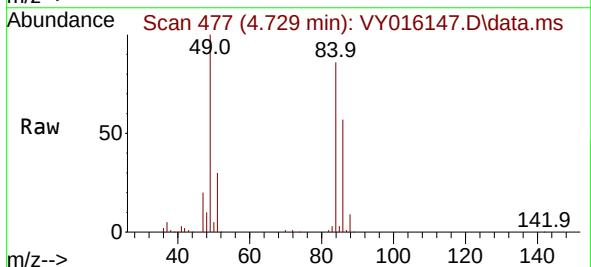
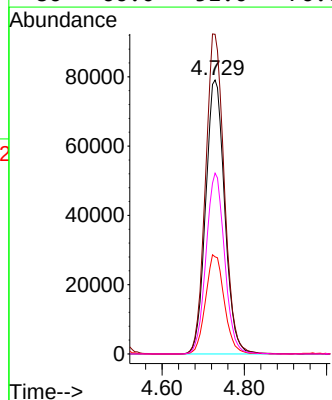
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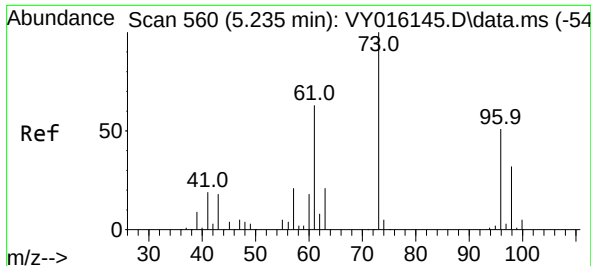
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#20
Methylene Chloride
Concen: 147.175 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

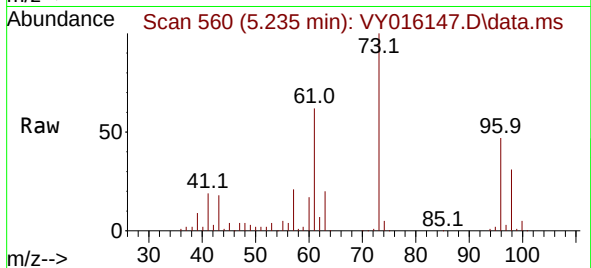
Tgt Ion: 84 Resp: 253575
Ion Ratio Lower Upper
84 100
49 116.7 106.9 160.3
51 35.5 33.2 49.8
86 66.0 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 152.635 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

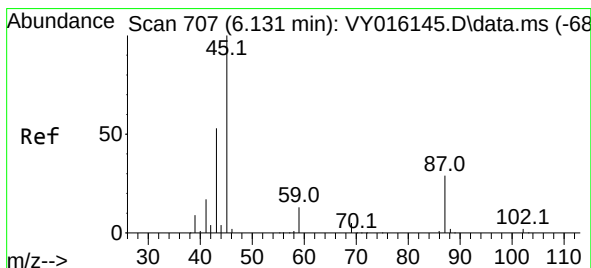
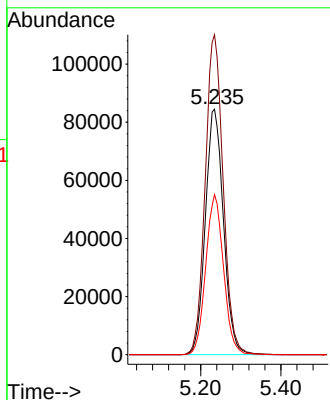
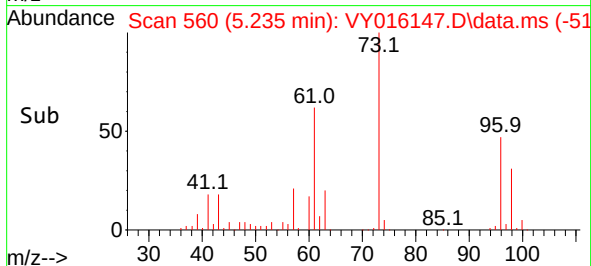
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 265358
Ion Ratio Lower Upper
96 100
61 130.3 110.2 165.4
98 65.2 51.8 77.6

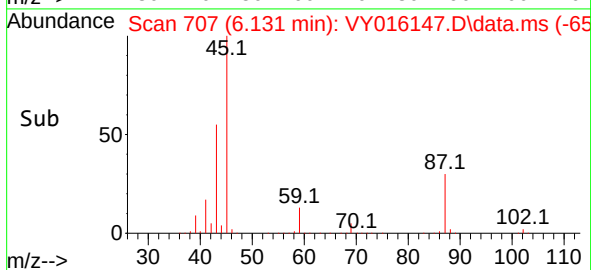
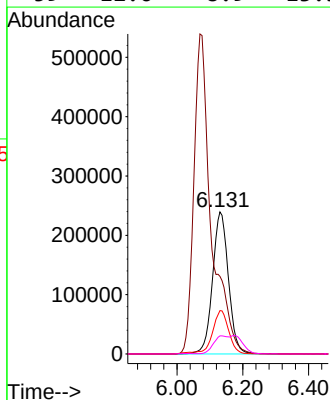
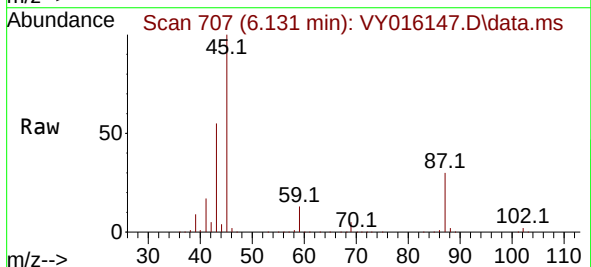
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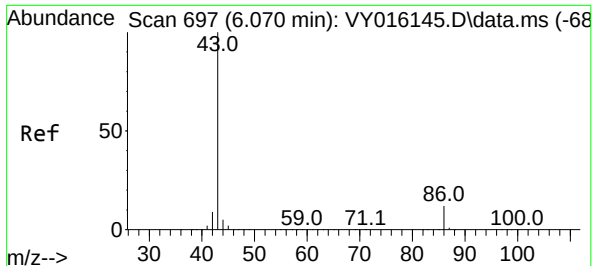
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#22
Diisopropyl ether
Concen: 155.028 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Tgt Ion: 45 Resp: 800495
Ion Ratio Lower Upper
45 100
43 54.5 52.2 78.4
87 30.5 21.0 31.6
59 12.6 8.9 13.3





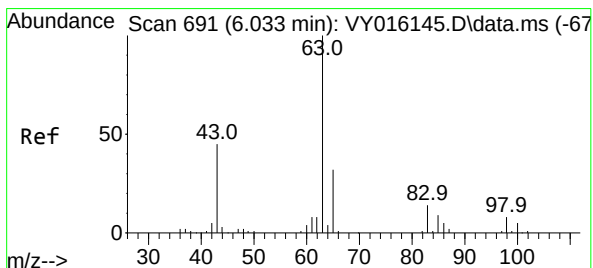
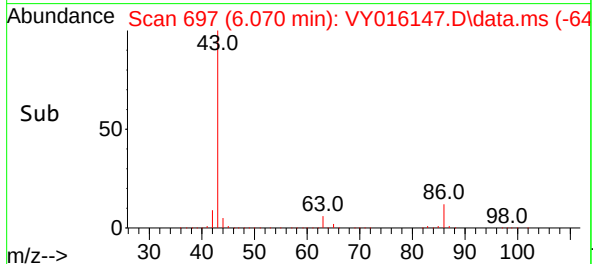
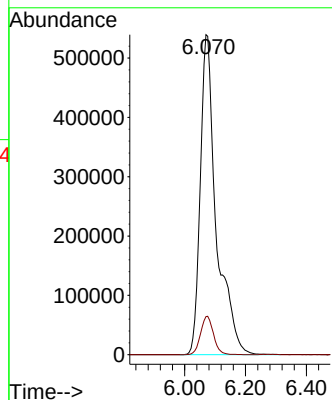
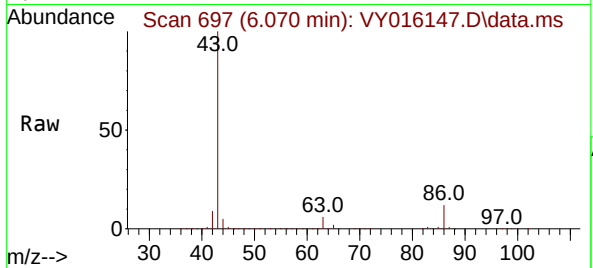
#23
 Vinyl Acetate
 Concen: 778.558 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY016147.D
 Acq: 31 Oct 2023 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 197380
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3

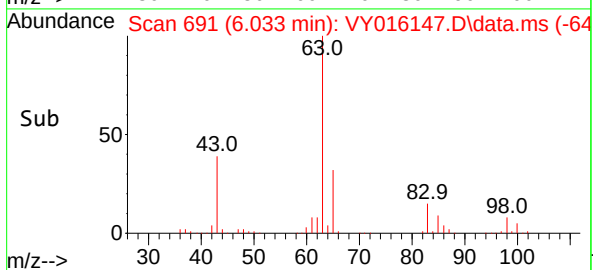
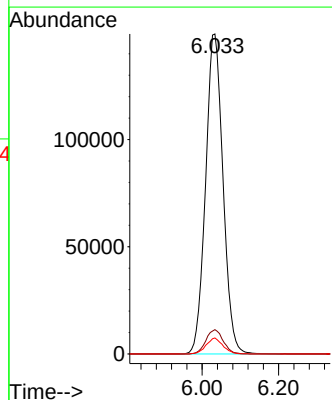
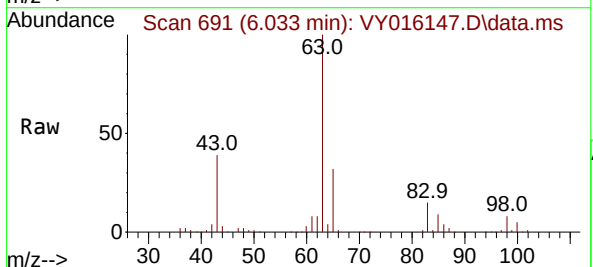
Manual Integrations
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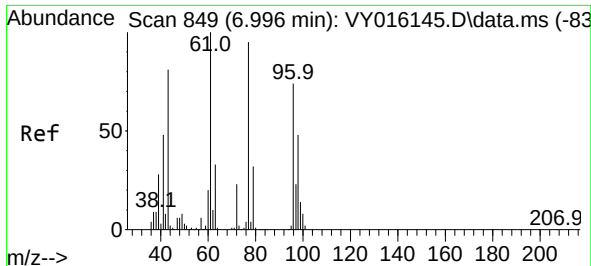
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#24
 1,1-Dichloroethane
 Concen: 152.713 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016147.D
 Acq: 31 Oct 2023 14:40

Tgt Ion: 63 Resp: 471931
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 5.0 1.8 5.5





#25

2-Butanone

Concen: 708.376 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016147.D

Acq: 31 Oct 2023 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 34493

Ion Ratio Lower Upper

43 100

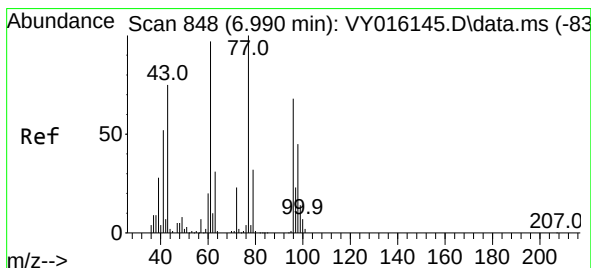
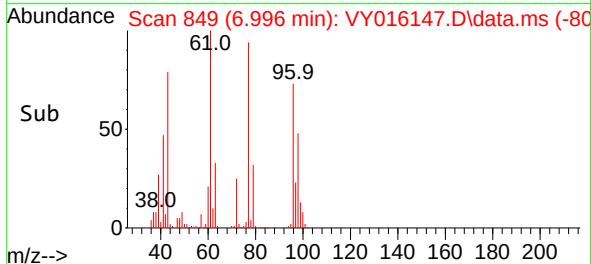
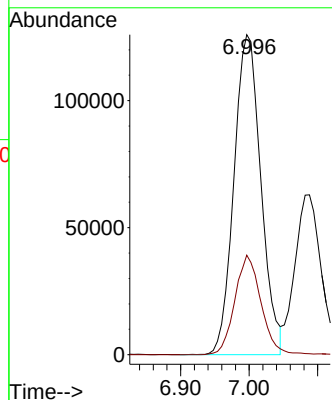
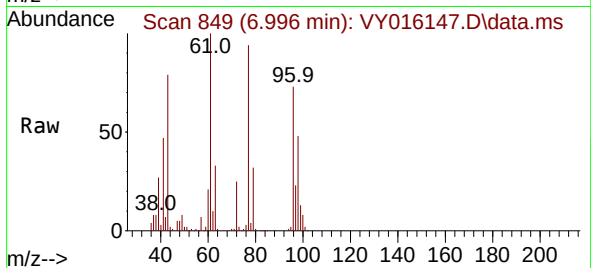
72 31.1 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#26

2,2-Dichloropropane

Concen: 154.596 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY016147.D

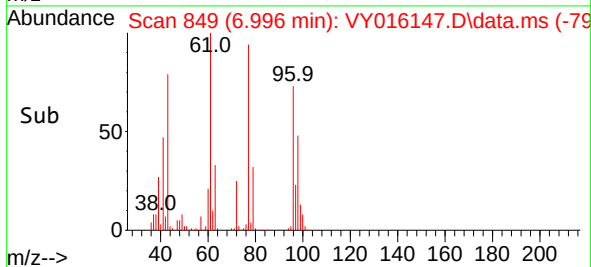
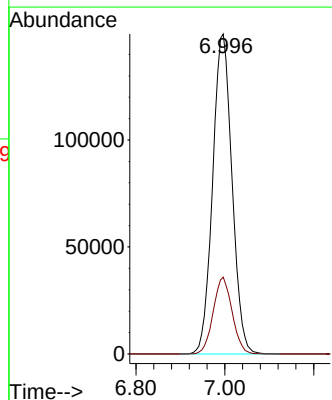
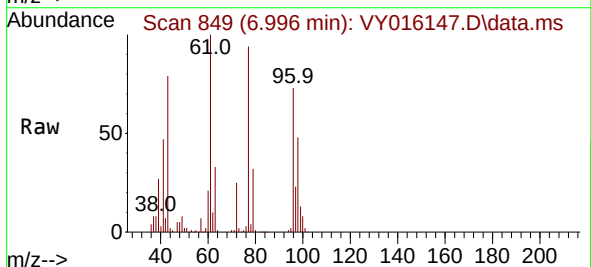
Acq: 31 Oct 2023 14:40

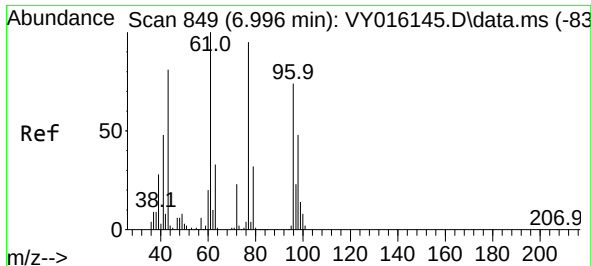
Tgt Ion: 77 Resp: 451624

Ion Ratio Lower Upper

77 100

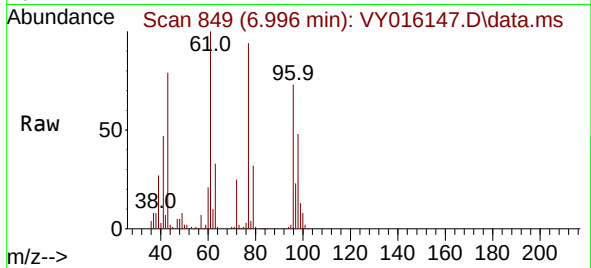
97 23.4 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 153.587 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY016147.D
 Acq: 31 Oct 2023 14:40

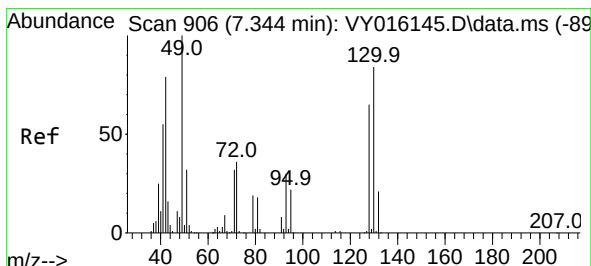
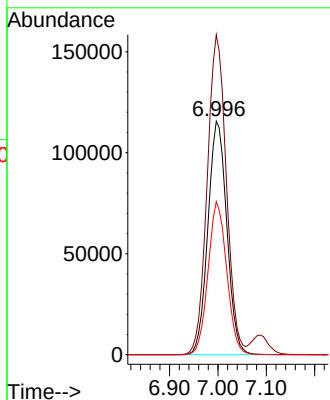
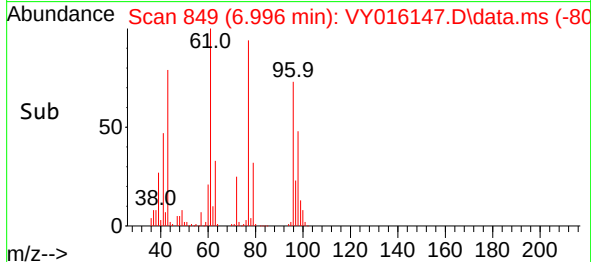
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



Tgt Ion: 96 Resp: 31422
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 301.4
 98 64.6 0.0 130.4

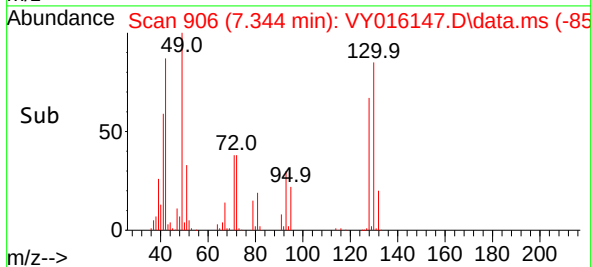
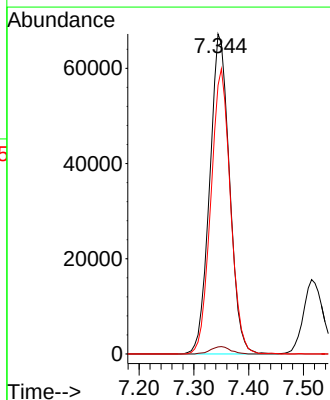
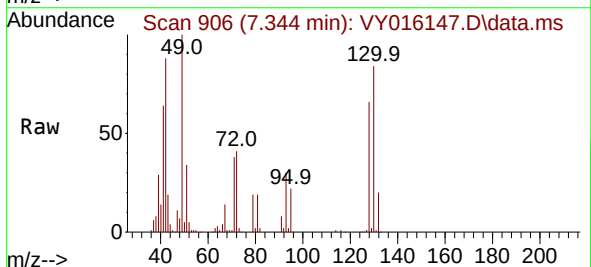
Manual Integrations
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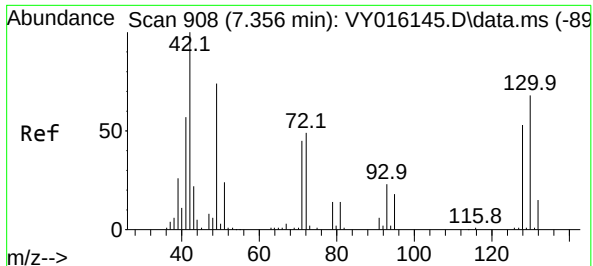
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#28
 Bromochloromethane
 Concen: 146.071 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY016147.D
 Acq: 31 Oct 2023 14:40

Tgt Ion: 49 Resp: 168919
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 87.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 765.455 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016147.D

Acq: 31 Oct 2023 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 23364

Ion Ratio Lower Upper

42 100

72 48.6 32.8 49.2

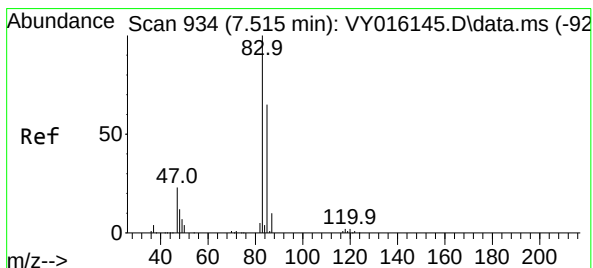
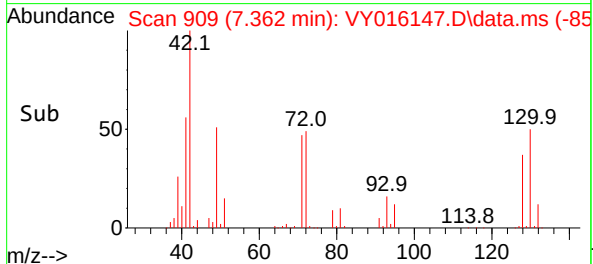
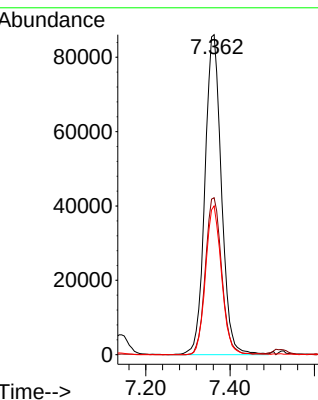
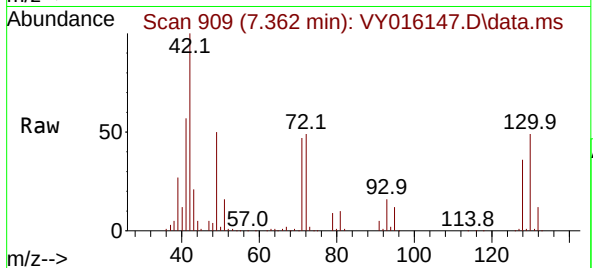
71 45.0 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#30

Chloroform

Concen: 150.717 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY016147.D

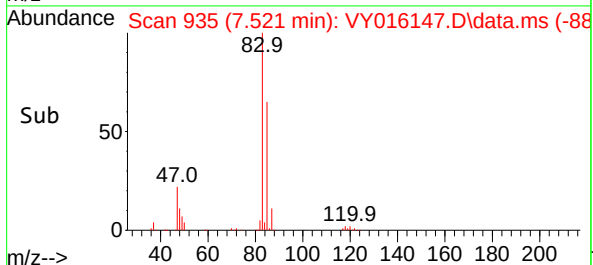
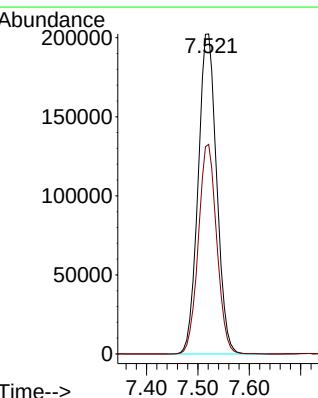
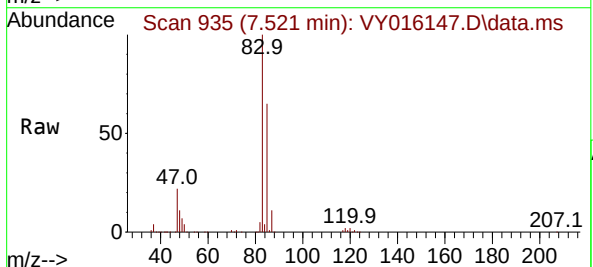
Acq: 31 Oct 2023 14:40

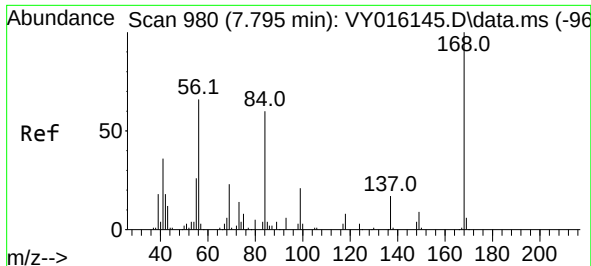
Tgt Ion: 83 Resp: 507084

Ion Ratio Lower Upper

83 100

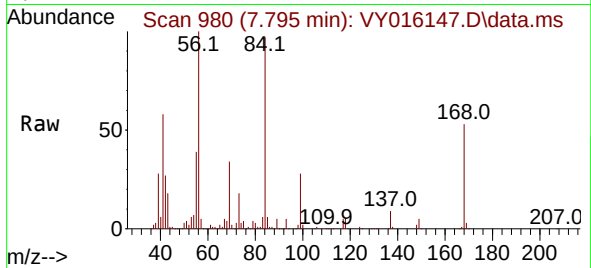
85 65.5 49.7 74.5





#31
Cyclohexane
Concen: 142.246 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

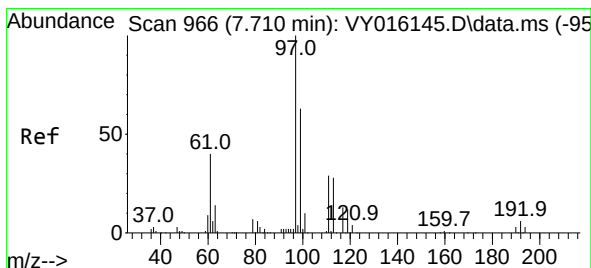
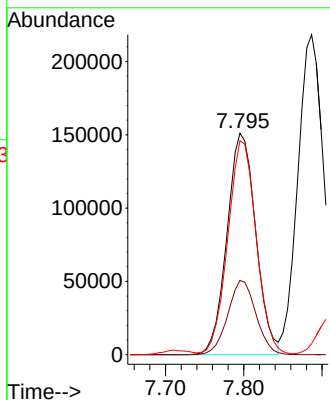
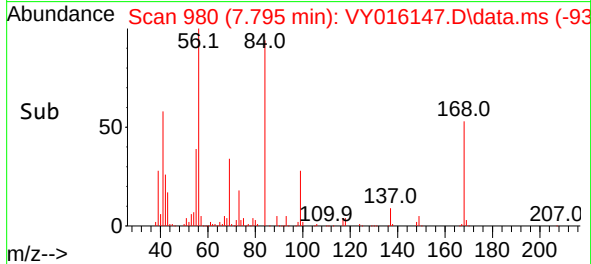
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 385935
Ion Ratio Lower Upper
56 100
69 33.5 27.8 41.6
84 94.8 66.4 99.6

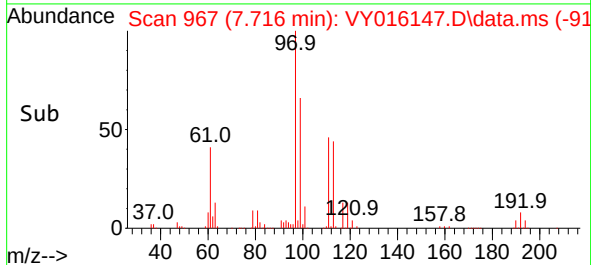
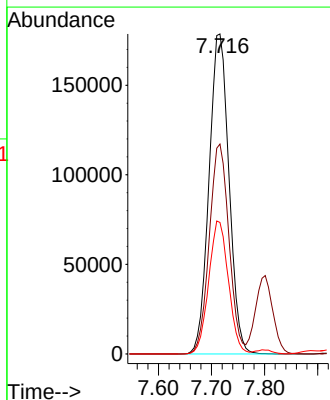
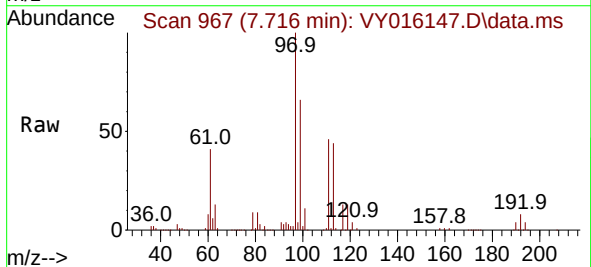
Manual Integrations
APPROVED

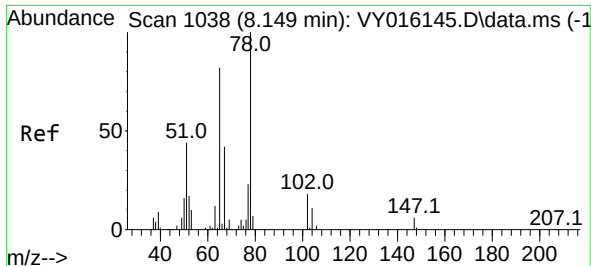
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#32
1,1,1-Trichloroethane
Concen: 151.137 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

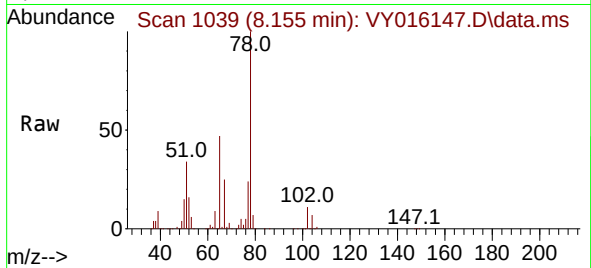
Tgt Ion: 97 Resp: 466339
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 41.2 35.1 52.7





#33
 1,2-Dichloroethane-d4
 Concen: 149.297 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VY016147.D
 Acq: 31 Oct 2023 14:40

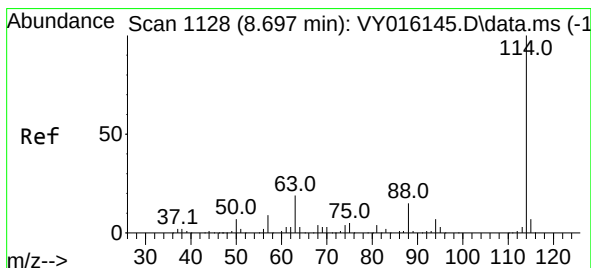
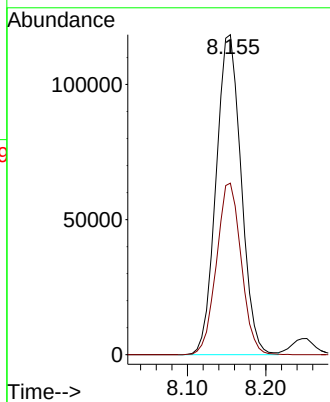
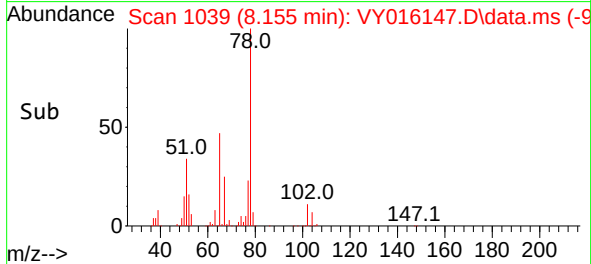
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



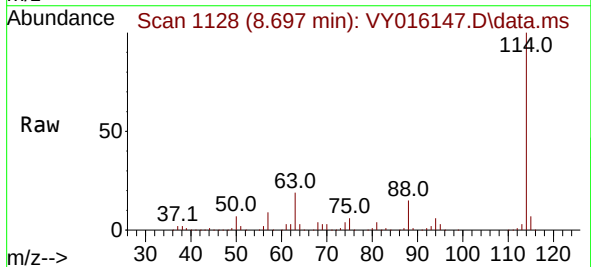
Tgt Ion: 65 Resp: 26350
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.8

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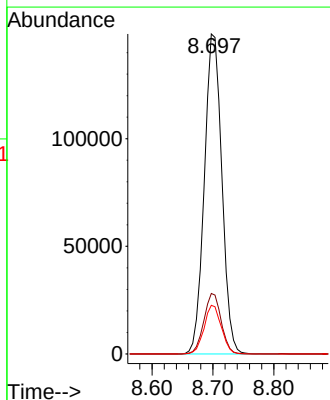
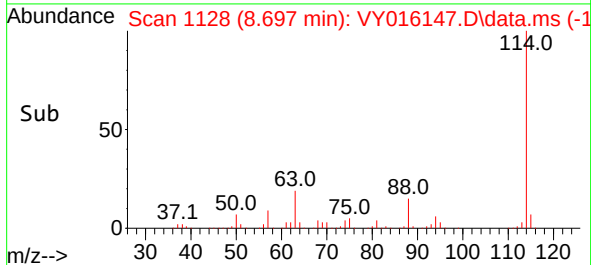
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023

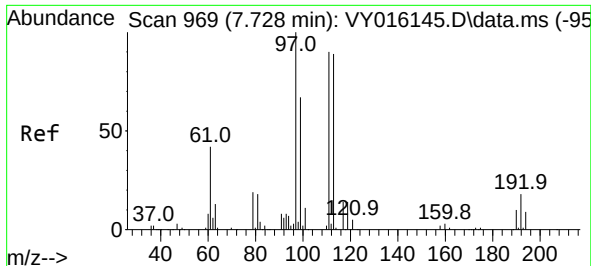


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY016147.D
 Acq: 31 Oct 2023 14:40



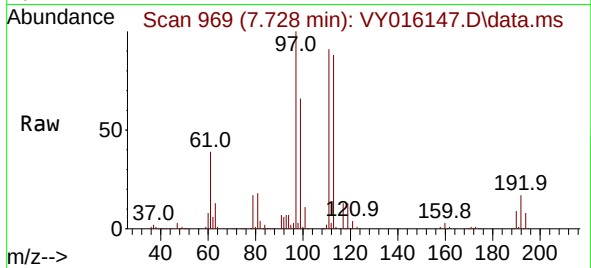
Tgt Ion:114 Resp: 297337
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 42.4
 88 15.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 151.008 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

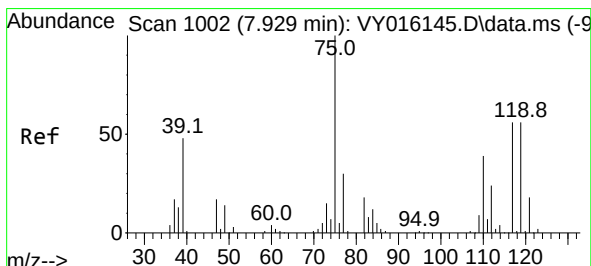
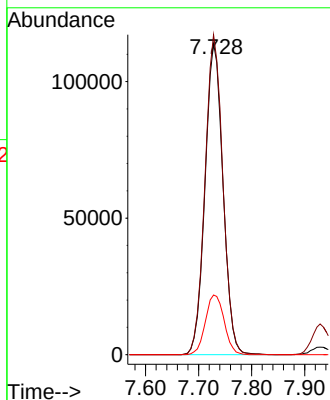
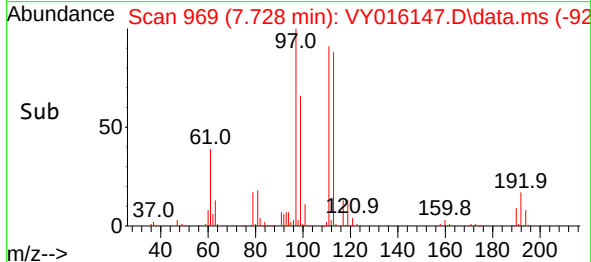
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



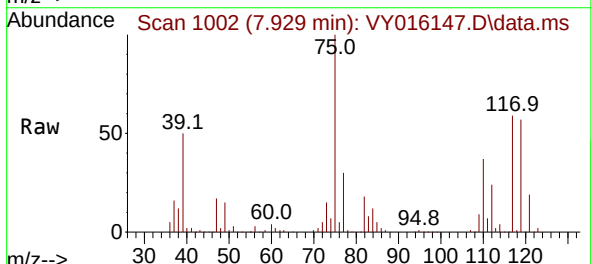
Tgt Ion:113 Resp: 26768
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 20.1 16.9 25.3

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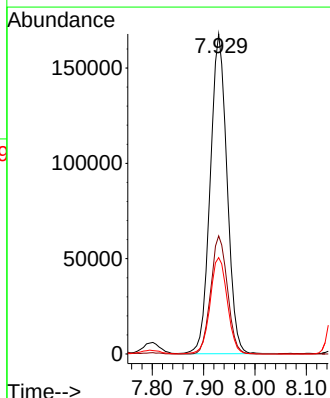
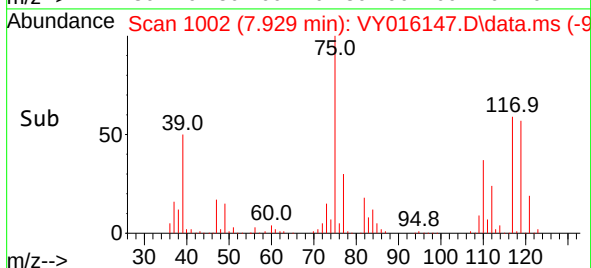
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

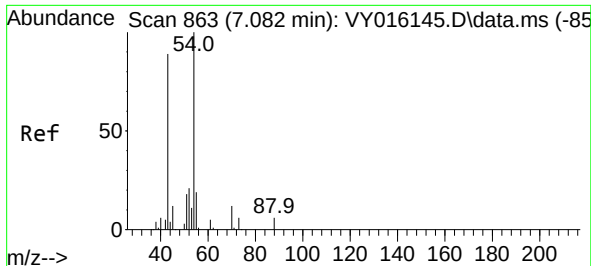


#36
1,1-Dichloropropene
Concen: 148.592 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40



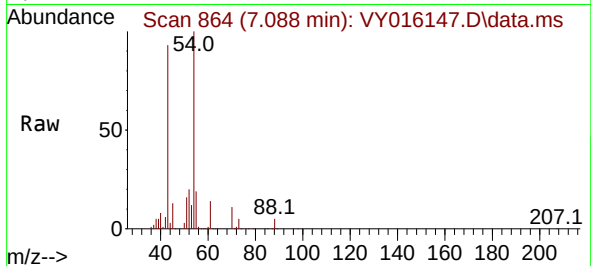
Tgt Ion: 75 Resp: 380347
Ion Ratio Lower Upper
75 100
110 36.7 17.8 53.5
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 151.411 ug/l
RT: 7.088 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

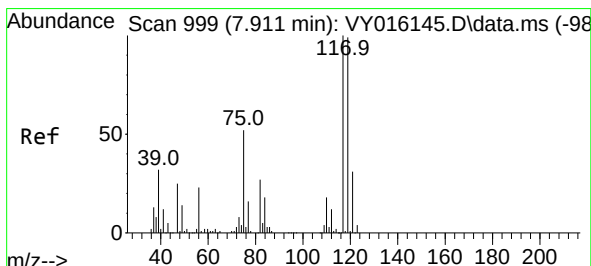
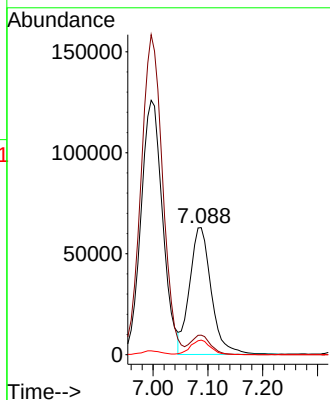
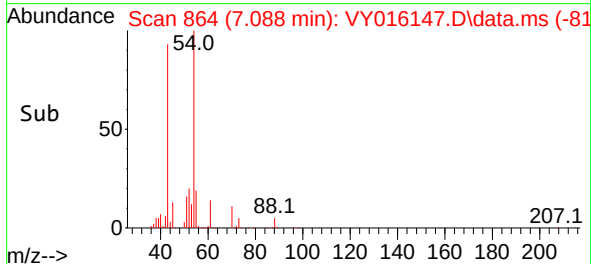
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 172620
Ion Ratio Lower Upper
43 100
61 13.8 10.1 15.1
70 10.7 7.1 10.7

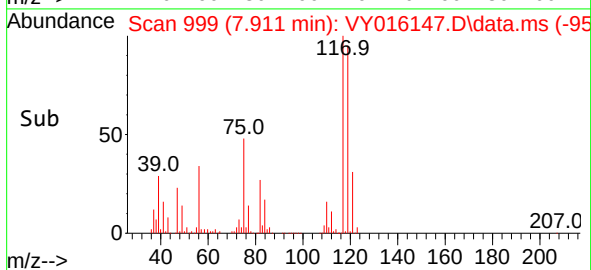
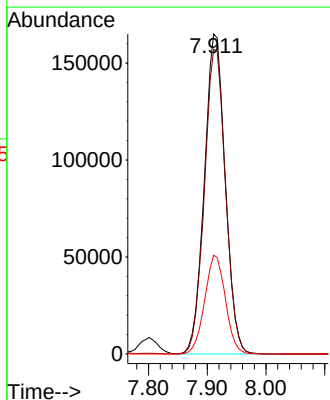
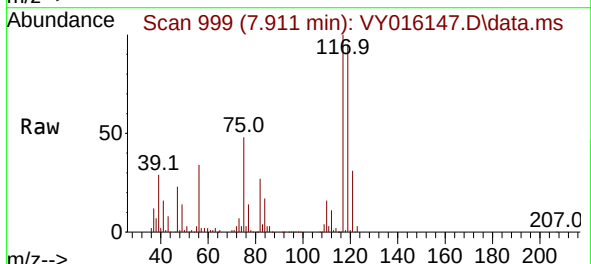
Manual Integrations
APPROVED

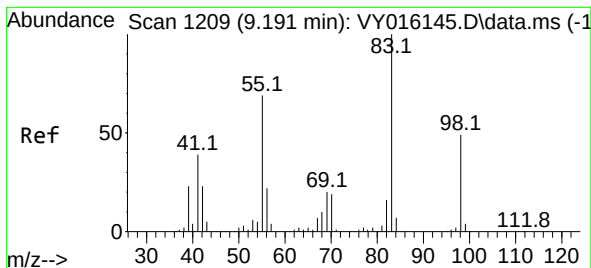
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#38
Carbon Tetrachloride
Concen: 160.943 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Tgt Ion:117 Resp: 408139
Ion Ratio Lower Upper
117 100
119 95.2 76.4 114.6
121 30.8 25.8 38.6





#39

Methylcyclohexane

Concen: 151.594 ug/l

RT: 9.197 min Scan# 1209

Delta R.T. 0.006 min

Lab File: VY016147.D

Acq: 31 Oct 2023 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 83 Resp: 463180

Ion Ratio Lower Upper

83 100

55 69.3 63.0 94.4

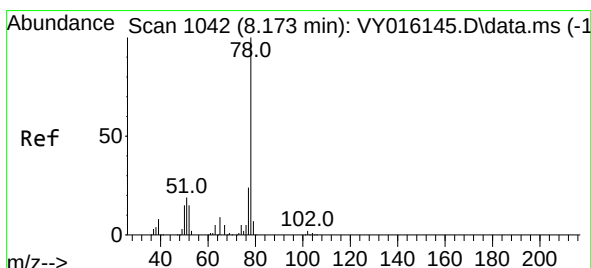
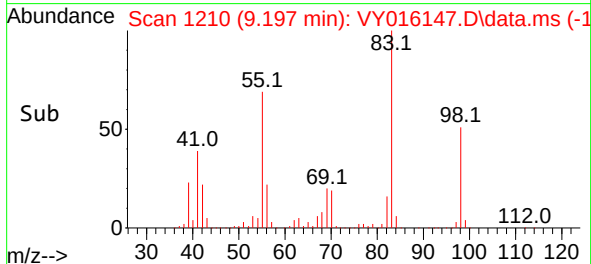
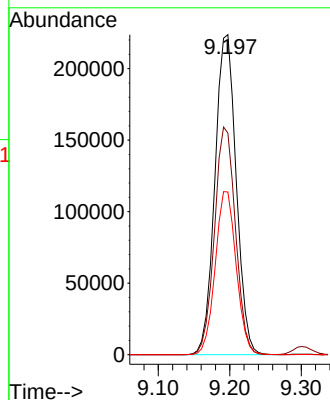
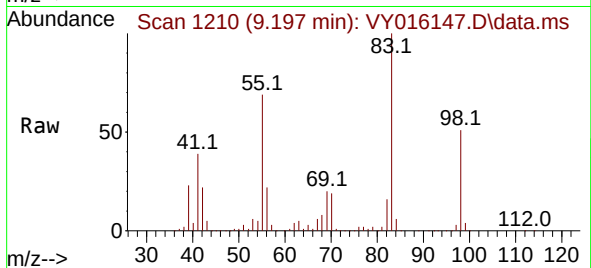
98 50.8 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#40

Benzene

Concen: 148.169 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016147.D

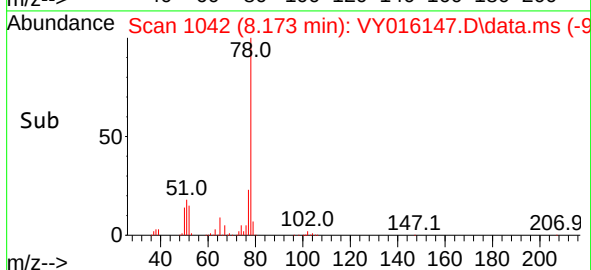
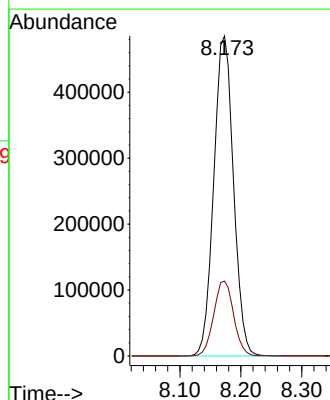
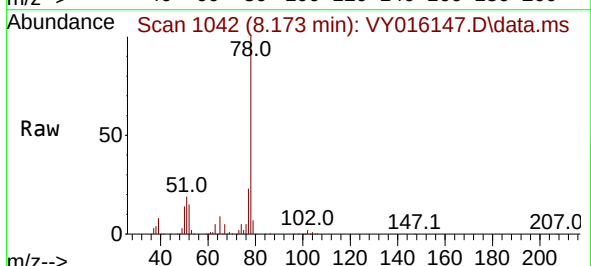
Acq: 31 Oct 2023 14:40

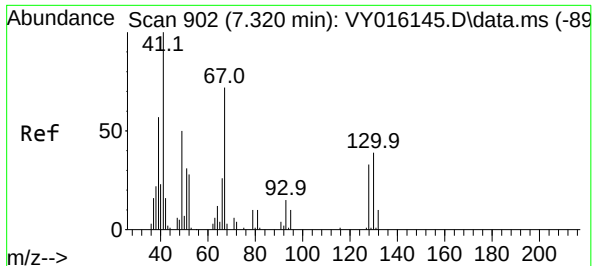
Tgt Ion: 78 Resp: 1088830

Ion Ratio Lower Upper

78 100

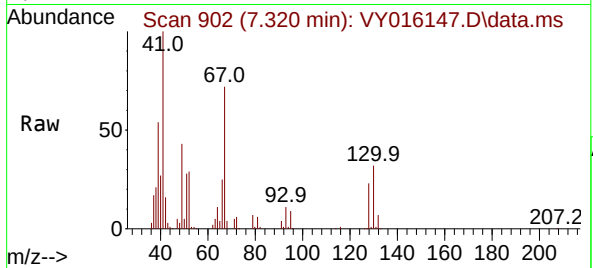
77 23.4 19.0 28.6





#41
Methacrylonitrile
Concen: 156.321 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

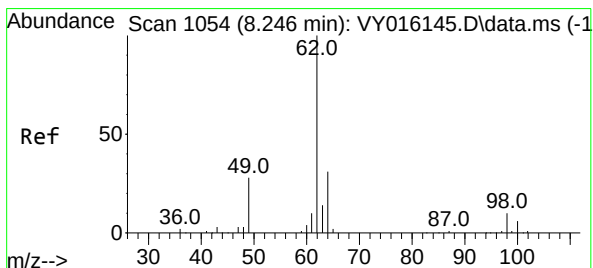
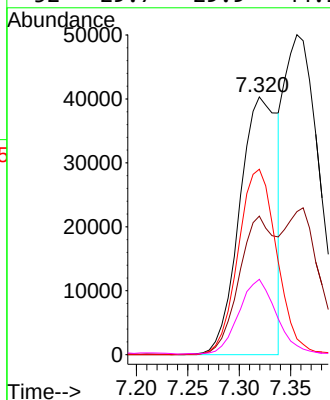
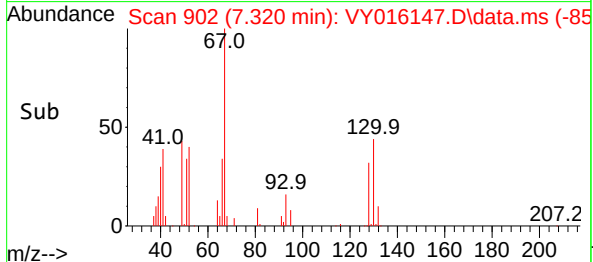
Instrument :
MSVOA_Y
Client Sample Id :
VSTDIC150



Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.6	52.1	78.1
67	73.8	66.2	99.2
52	29.7	29.9	44.9

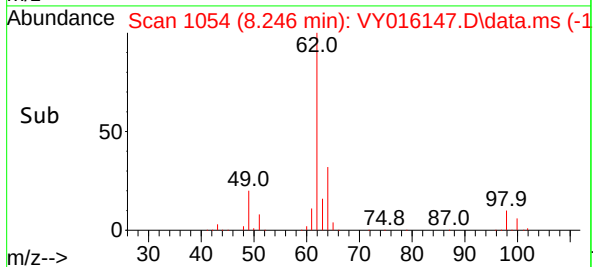
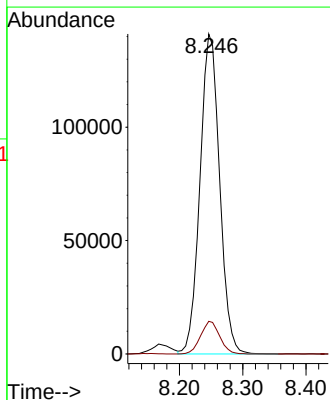
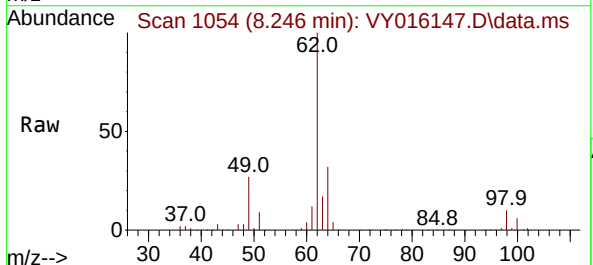
Manual Integrations
APPROVED

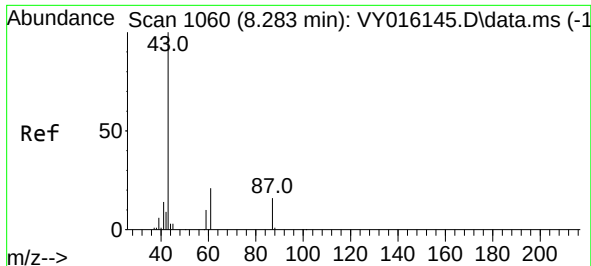
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#42
1,2-Dichloroethane
Concen: 148.864 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

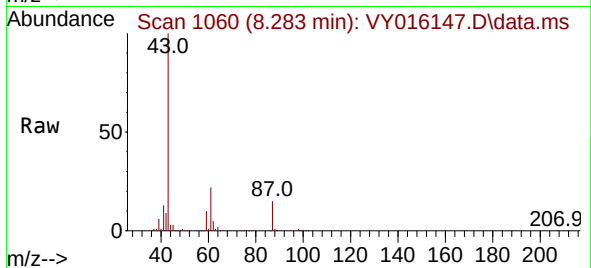
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	15.8





#43
Isopropyl Acetate
Concen: 151.692 ug/l
RT: 8.283 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

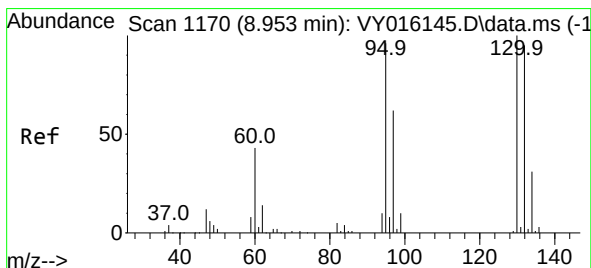
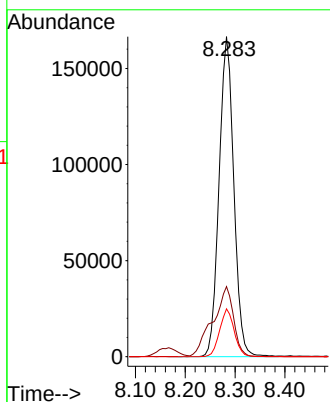
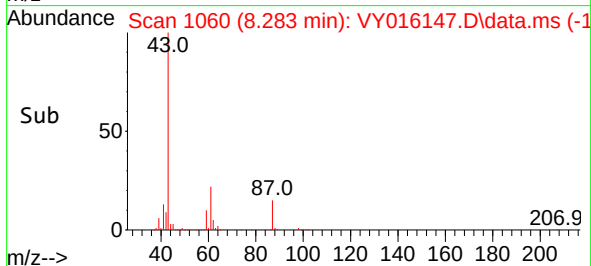
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 342084
Ion Ratio Lower Upper
43 100
61 30.6 21.1 31.7
87 14.8 9.8 14.8

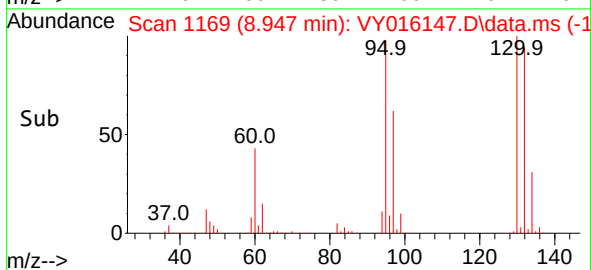
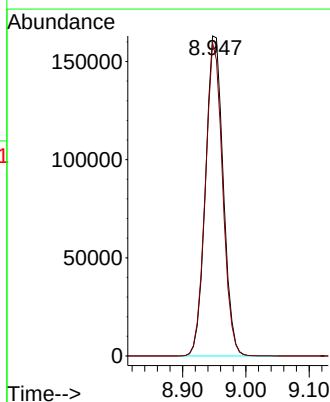
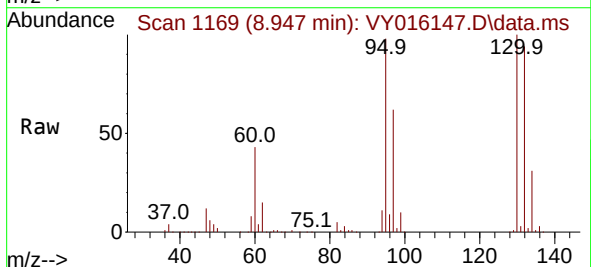
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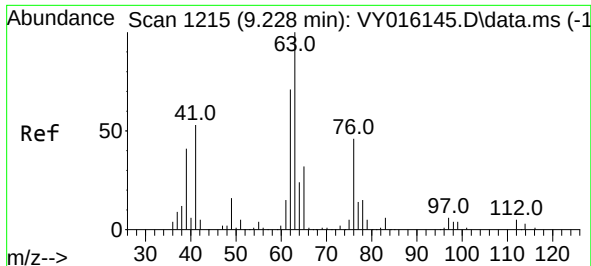
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#44
Trichloroethene
Concen: 147.598 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Tgt Ion:130 Resp: 317407
Ion Ratio Lower Upper
130 100
95 97.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 151.953 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VY016147.D

Acq: 31 Oct 2023 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 268620

Ion Ratio Lower Upper

63 100

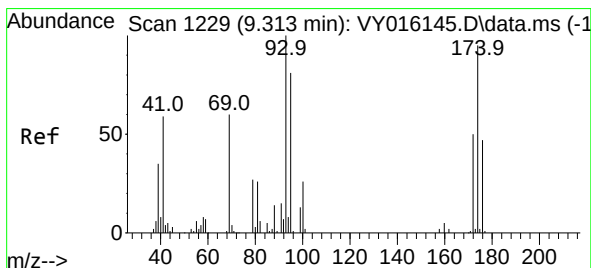
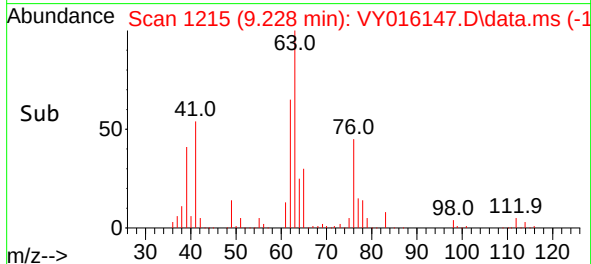
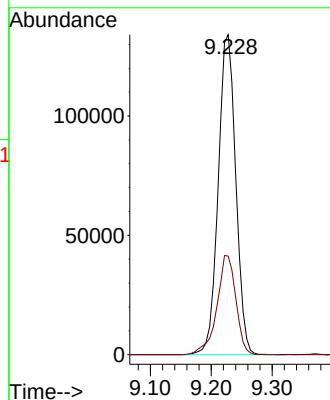
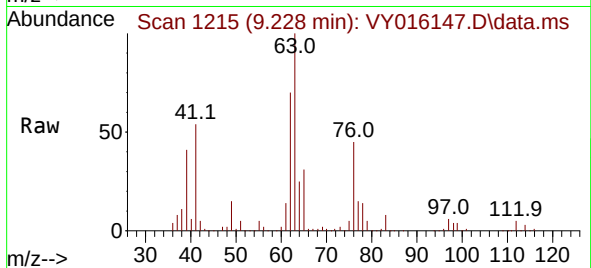
65 30.8 23.8 35.6

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Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#46

Dibromomethane

Concen: 150.035 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY016147.D

Acq: 31 Oct 2023 14:40

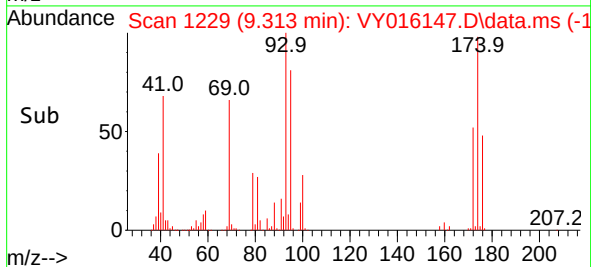
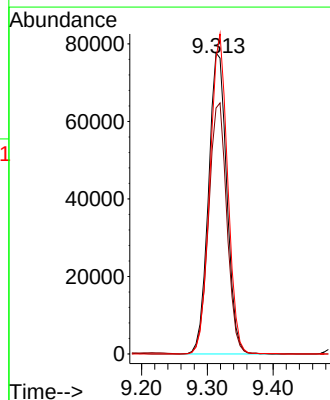
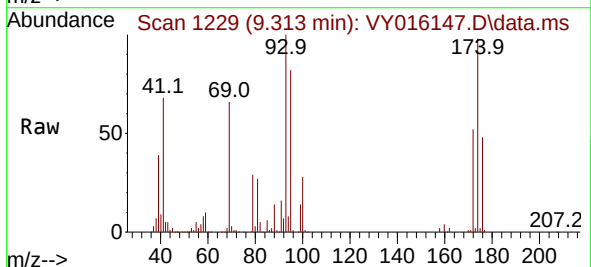
Tgt Ion: 93 Resp: 150457

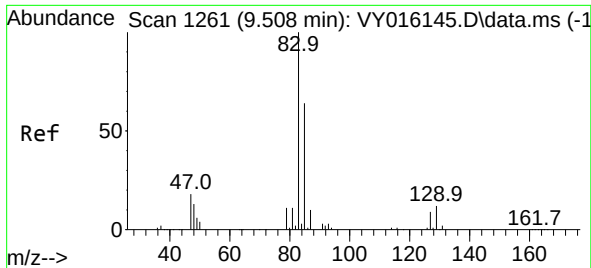
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

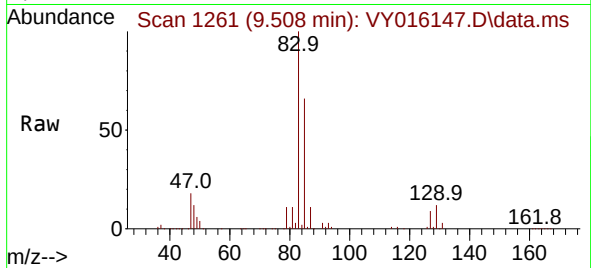
174 102.8 84.8 127.2





#47
Bromodichloromethane
Concen: 152.610 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

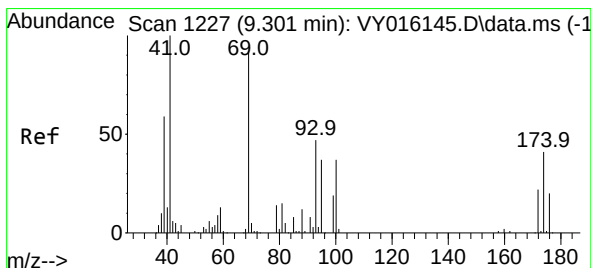
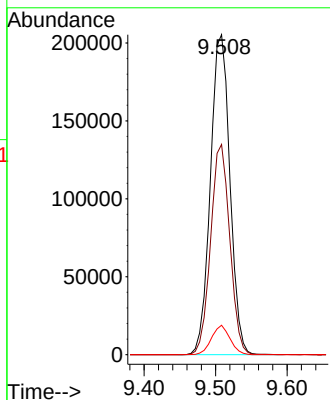
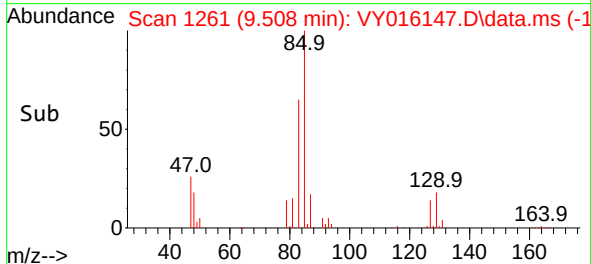
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



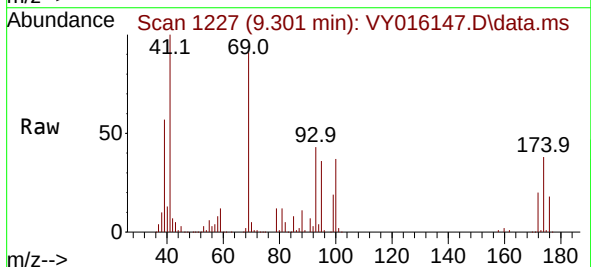
Tgt Ion: 83 Resp: 388839
Ion Ratio Lower Upper
83 100
85 65.7 50.1 75.1
127 9.2 7.1 10.7

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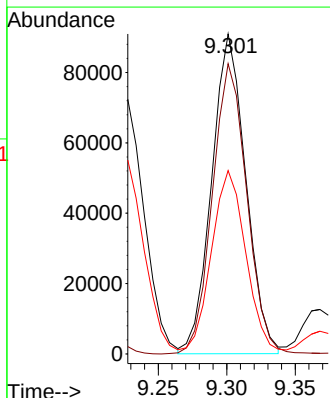
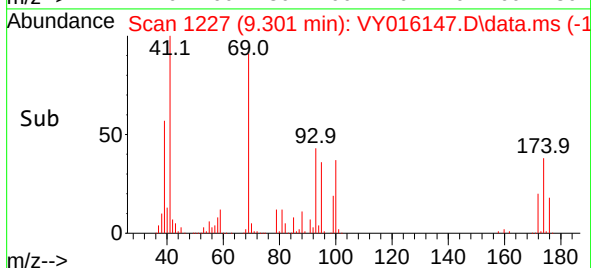
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

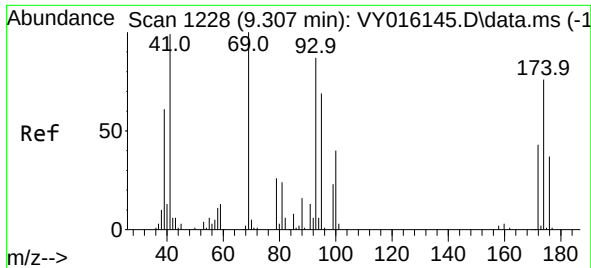


#48
Methyl methacrylate
Concen: 153.561 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40



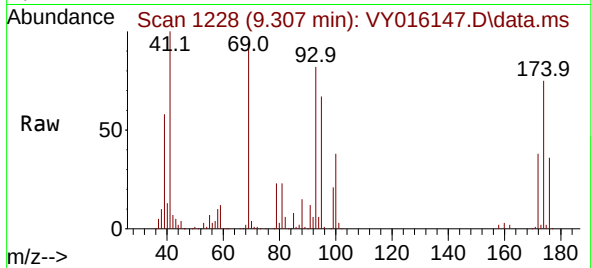
Tgt Ion: 41 Resp: 157471
Ion Ratio Lower Upper
41 100
69 91.6 64.5 96.7
39 55.6 50.8 76.2





#49
1,4-Dioxane
Concen: 2814.248 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

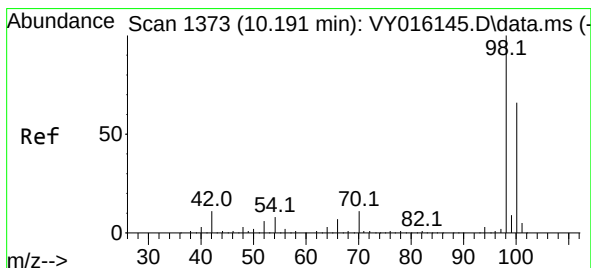
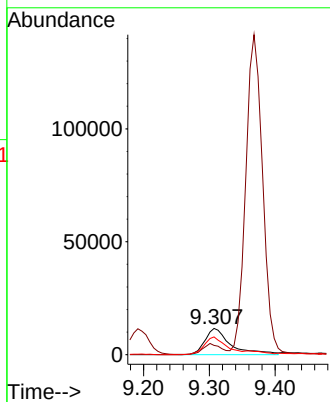
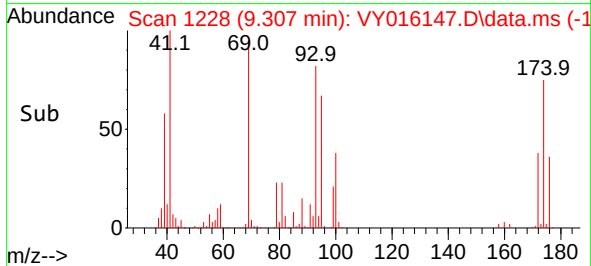
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 31772
Ion Ratio Lower Upper
88 100
43 29.8 0.0 0.0
58 71.0 30.9 46.3

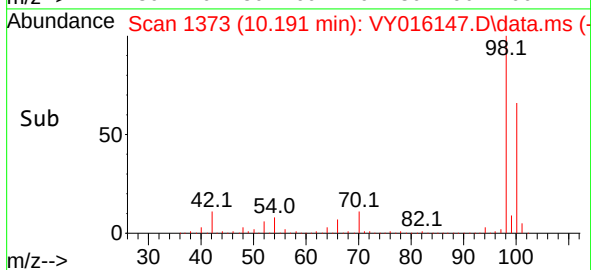
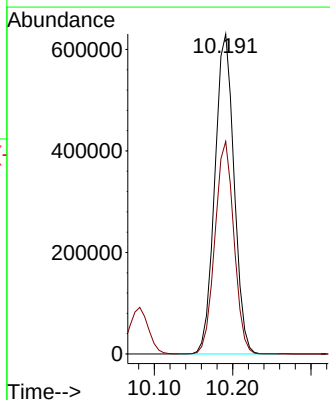
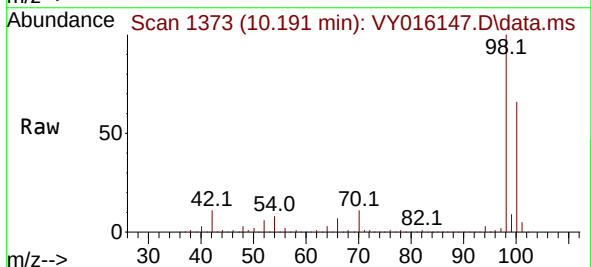
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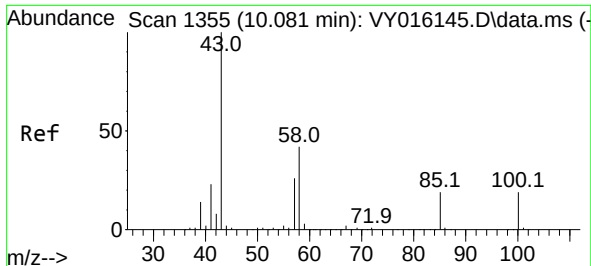
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#50
Toluene-d8
Concen: 152.899 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Tgt Ion: 98 Resp: 1074601
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1





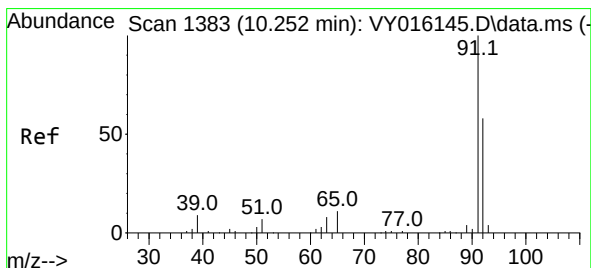
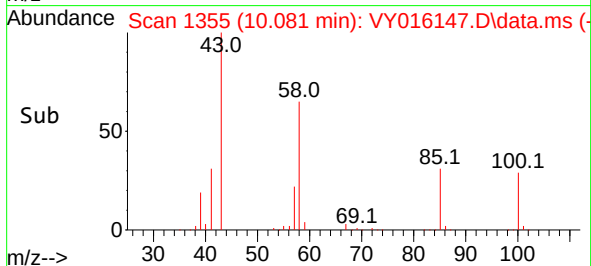
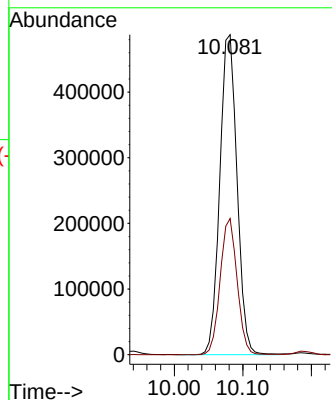
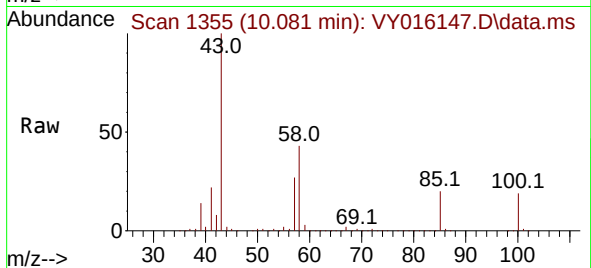
#51
4-Methyl-2-Pentanone
Concen: 753.938 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 848350
Ion Ratio Lower Upper
43 100
58 41.7 29.0 43.6

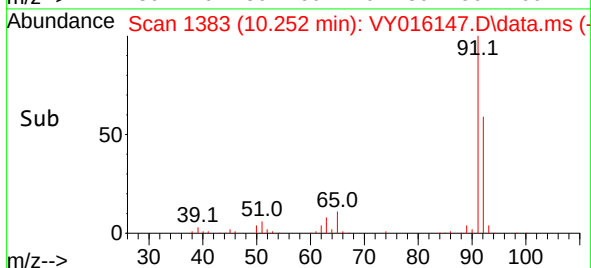
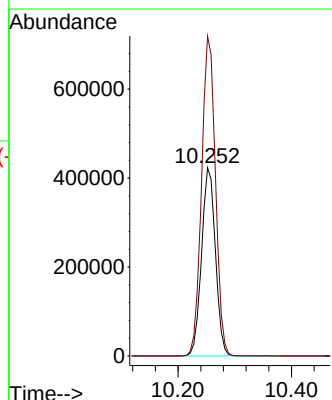
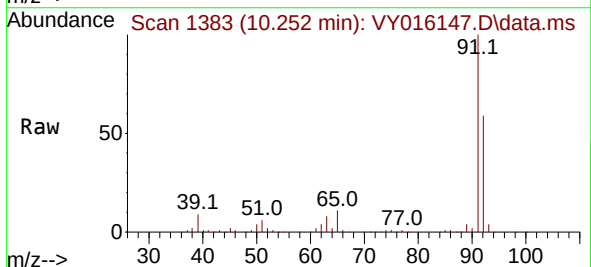
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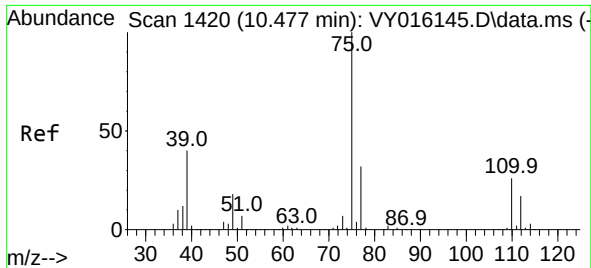
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#52
Toluene
Concen: 150.223 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Tgt Ion: 92 Resp: 715338
Ion Ratio Lower Upper
92 100
91 170.7 143.8 215.6





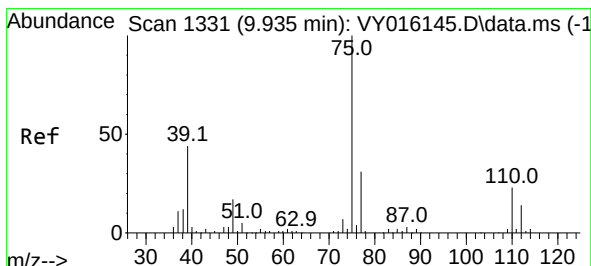
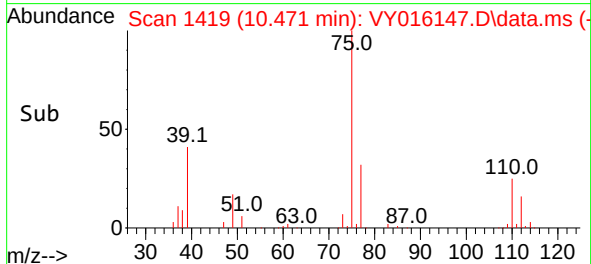
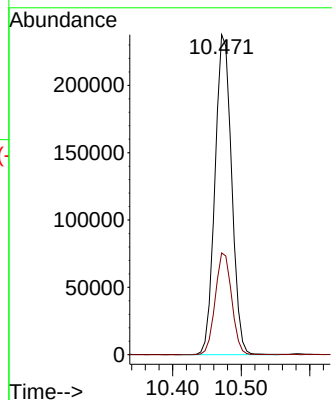
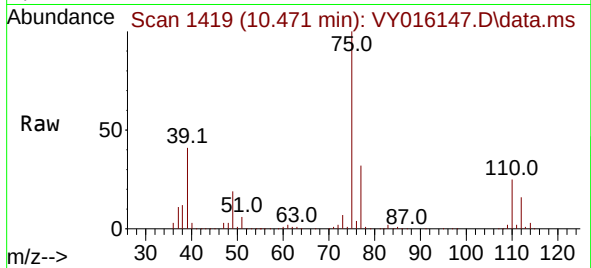
#53
 t-1,3-Dichloropropene
 Concen: 156.846 ug/l
 RT: 10.471 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VY016147.D
 Acq: 31 Oct 2023 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 75 Resp: 398940
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4

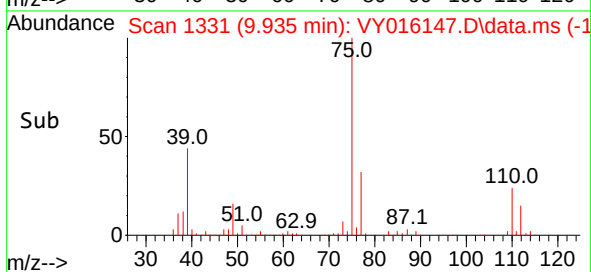
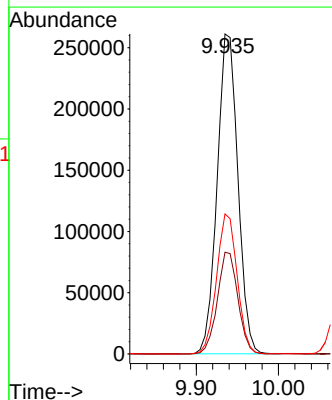
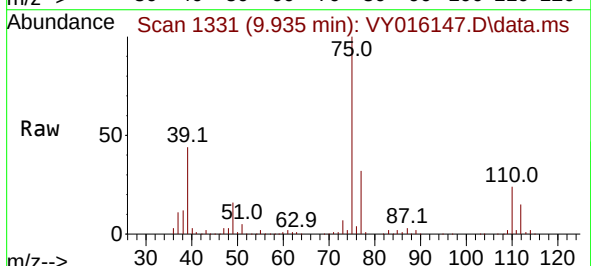
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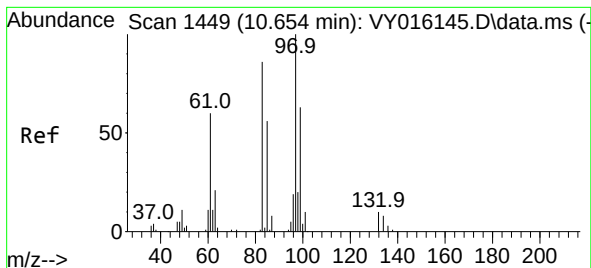
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#54
 cis-1,3-Dichloropropene
 Concen: 153.595 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY016147.D
 Acq: 31 Oct 2023 14:40

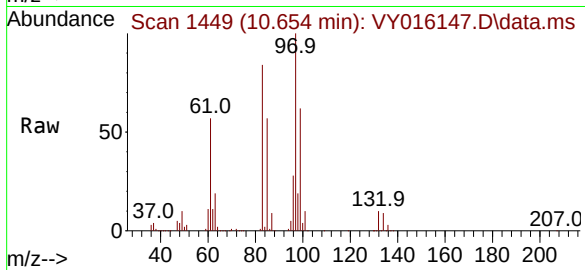
Tgt Ion: 75 Resp: 458417
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.4
 39 43.7 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 149.360 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

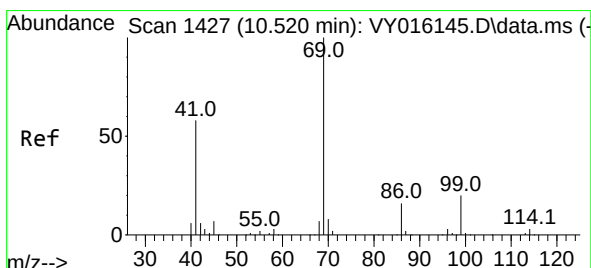
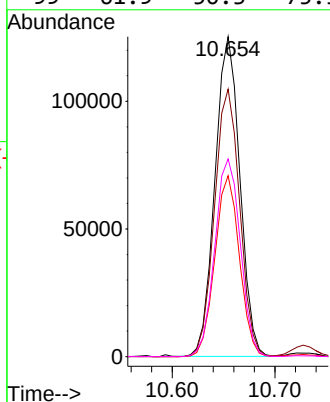
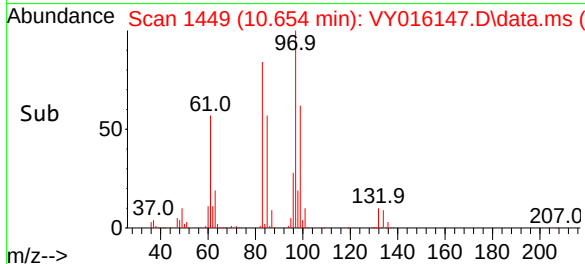
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



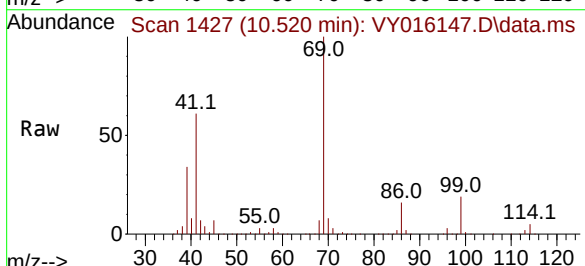
Tgt Ion: 97 Resp: 210689
Ion Ratio Lower Upper
97 100
83 83.7 72.0 108.0
85 56.6 45.4 68.0
99 61.9 50.3 75.5

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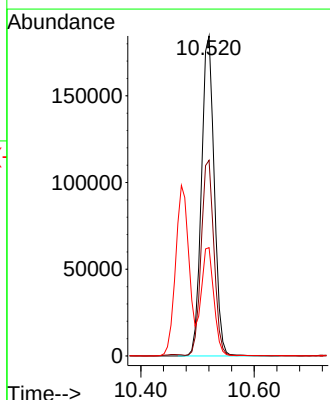
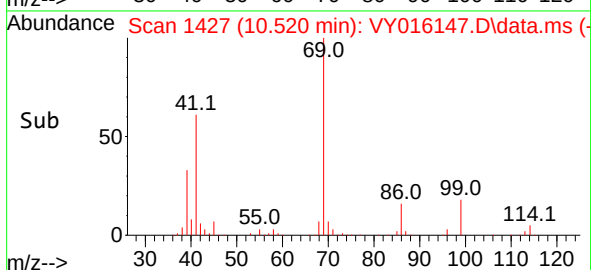
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

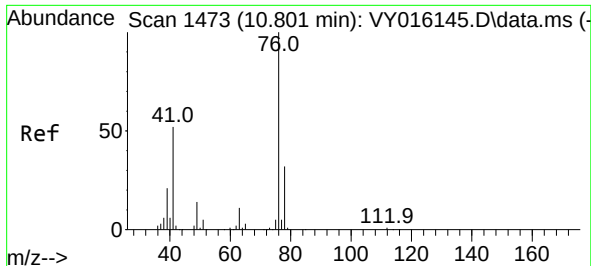


#56
Ethyl methacrylate
Concen: 157.580 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40



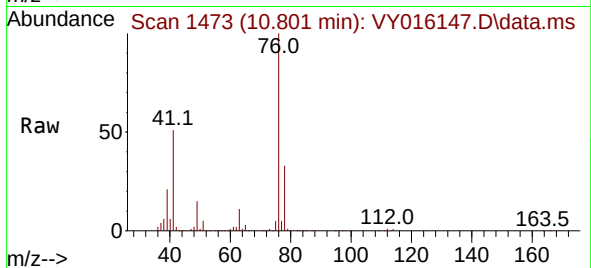
Tgt Ion: 69 Resp: 288678
Ion Ratio Lower Upper
69 100
41 61.1 57.6 86.4
39 33.4 34.1 51.1





#57
1,3-Dichloropropane
Concen: 148.683 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

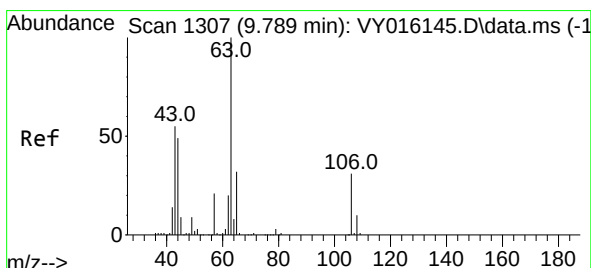
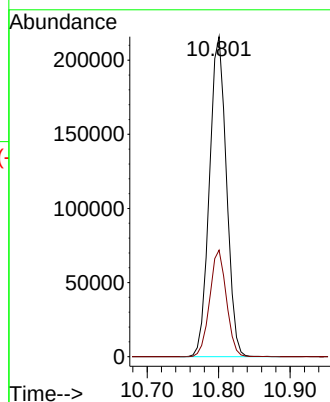
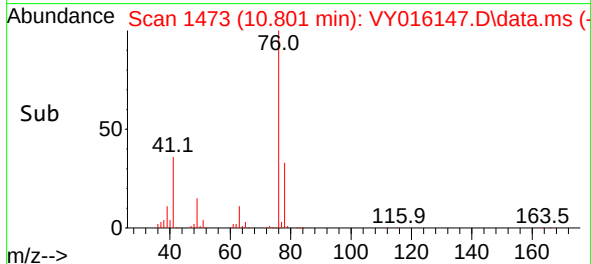
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 357048
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9

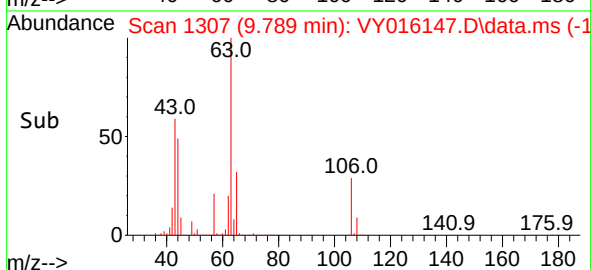
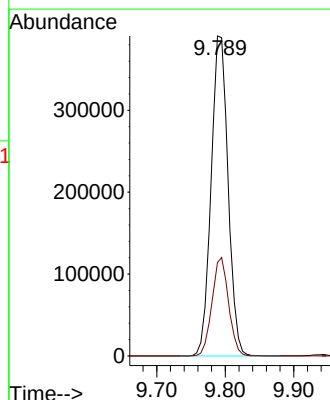
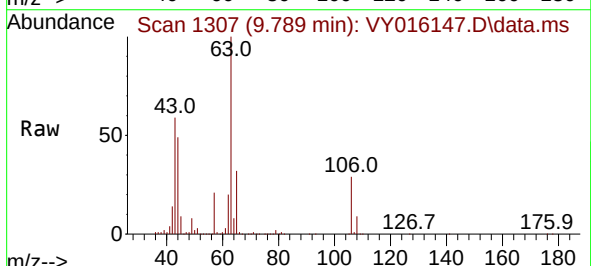
Manual Integrations
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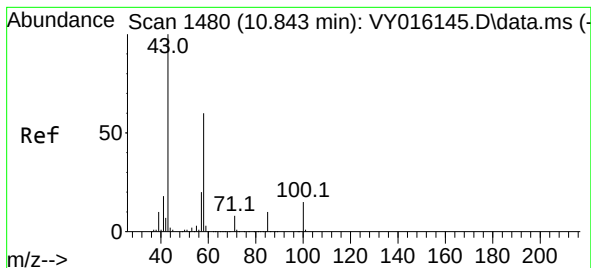
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#58
2-Chloroethyl Vinyl ether
Concen: 757.437 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

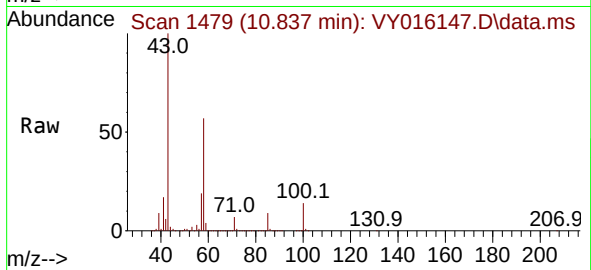
Tgt Ion: 63 Resp: 672850
Ion Ratio Lower Upper
63 100
106 30.0 21.2 31.8





#59
2-Hexanone
Concen: 744.564 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

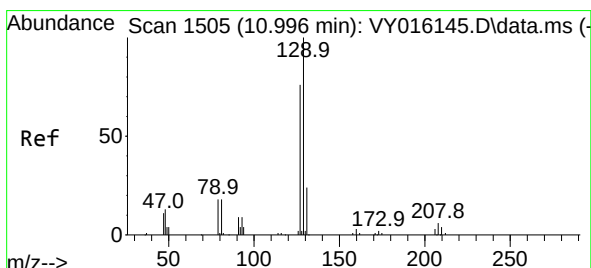
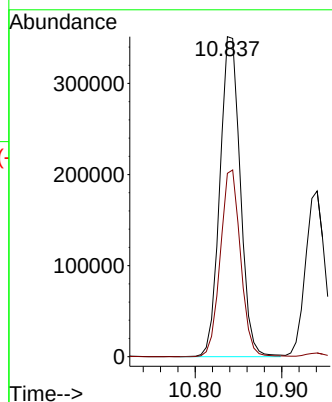
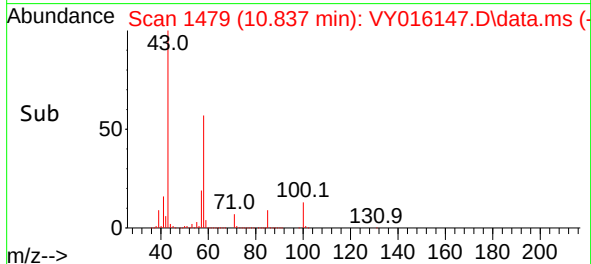
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



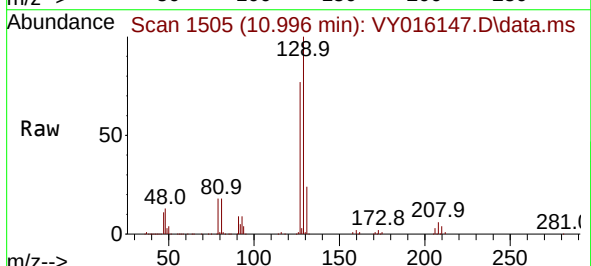
Tgt Ion: 43 Resp: 574118
Ion Ratio Lower Upper
43 100
58 58.0 25.1 75.3

Manual Integrations
APPROVED

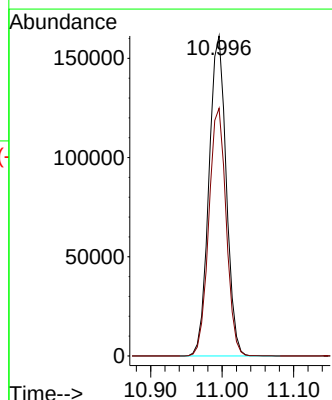
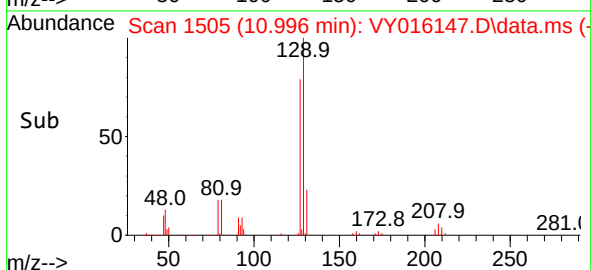
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

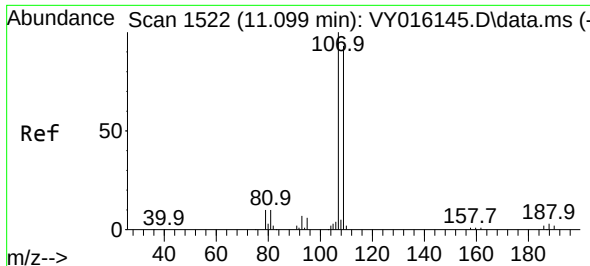


#60
Dibromochloromethane
Concen: 152.793 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40



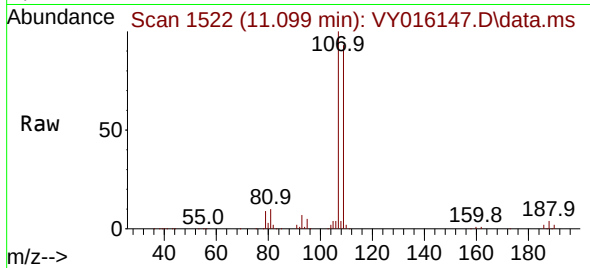
Tgt Ion:129 Resp: 270396
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5





#61
1,2-Dibromoethane
Concen: 150.609 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

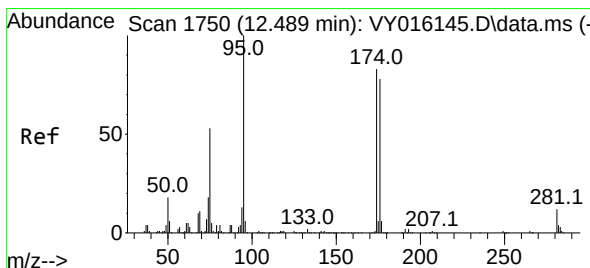
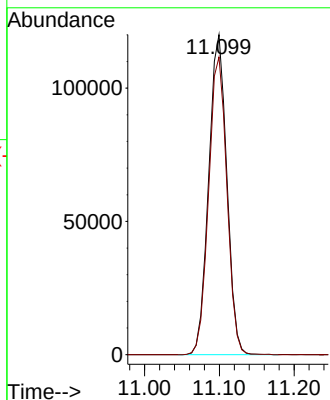
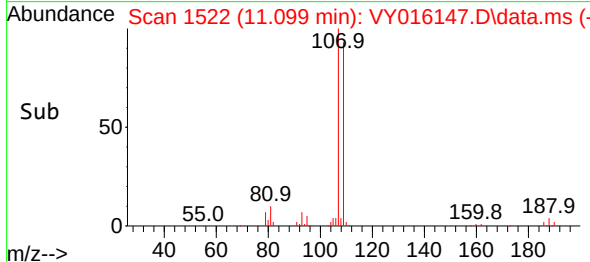
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



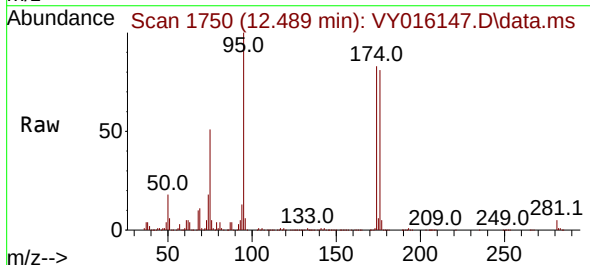
Tgt Ion:107 Resp: 20207
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4

Manual Integrations
APPROVED

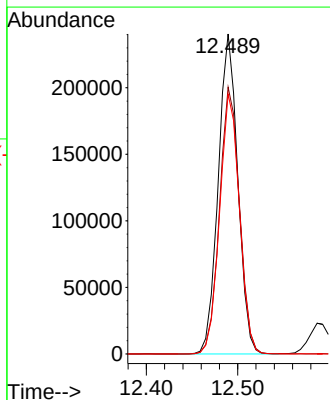
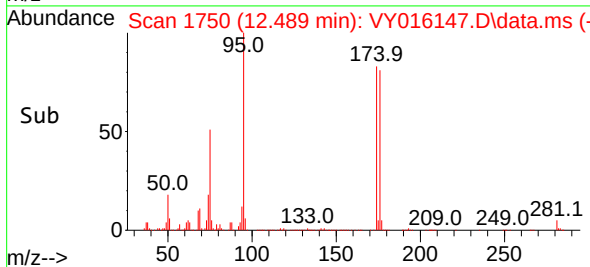
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

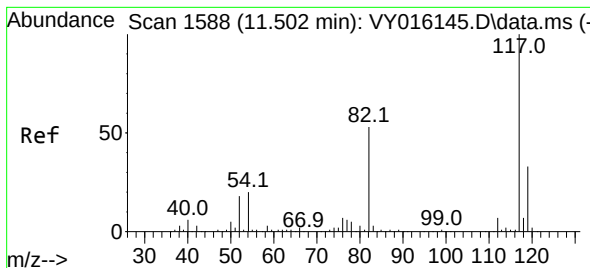


#62
4-Bromofluorobenzene
Concen: 148.824 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40



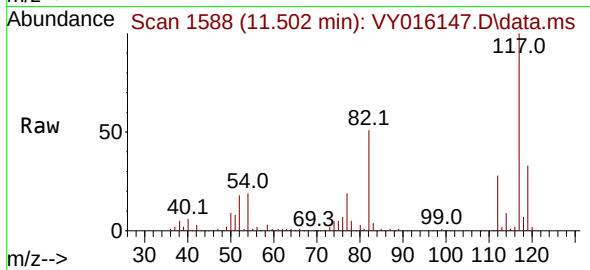
Tgt Ion: 95 Resp: 357661
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.2 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11588
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

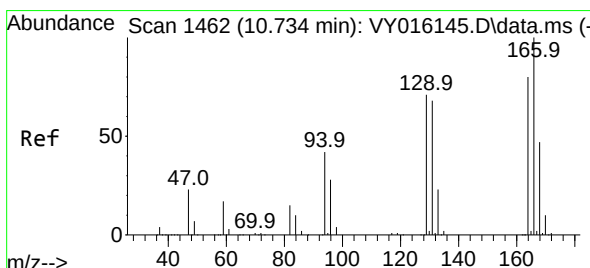
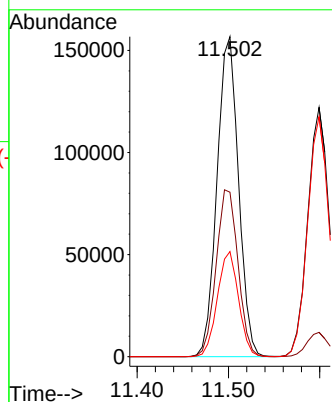
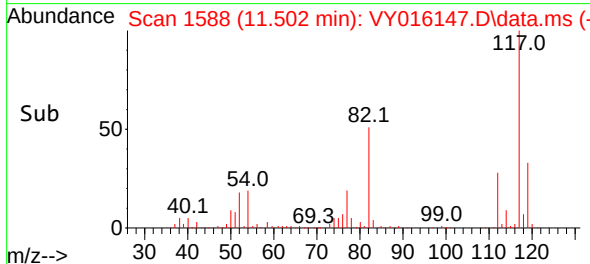
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



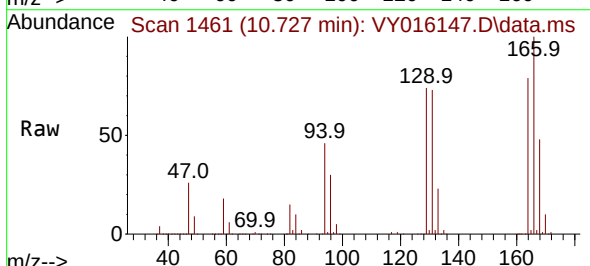
Tgt Ion:117 Resp: 25664
Ion Ratio Lower Upper
117 100
82 51.4 43.4 65.0
119 32.9 26.3 39.5

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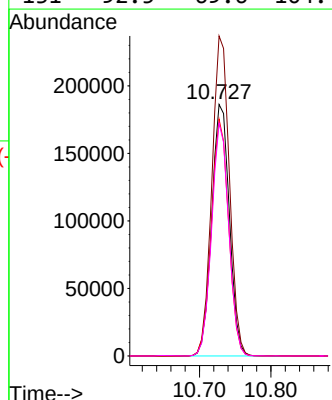
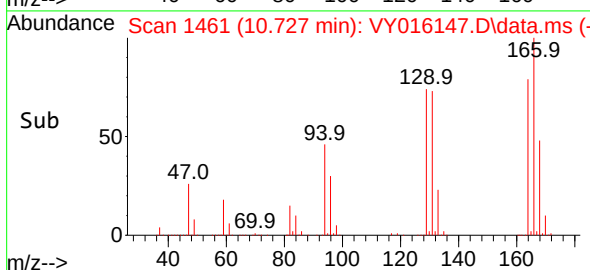
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

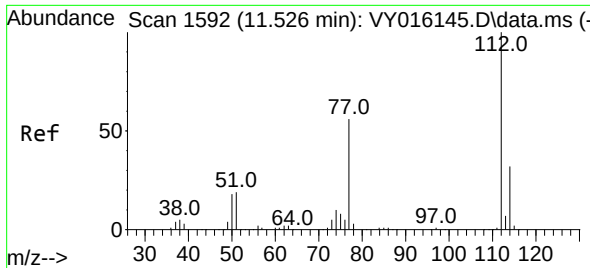


#64
Tetrachloroethene
Concen: 140.154 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40



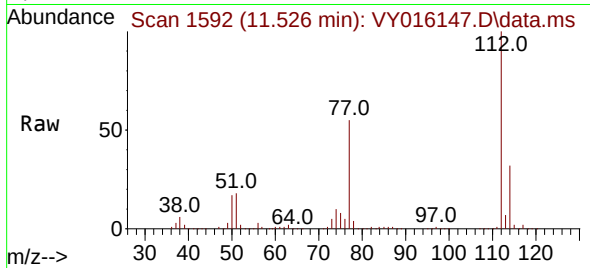
Tgt Ion:164 Resp: 319944
Ion Ratio Lower Upper
164 100
166 127.2 103.0 154.6
129 94.1 77.2 115.8
131 92.5 69.6 104.4





#65
Chlorobenzene
Concen: 150.460 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

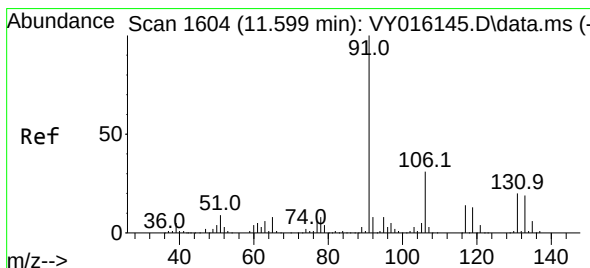
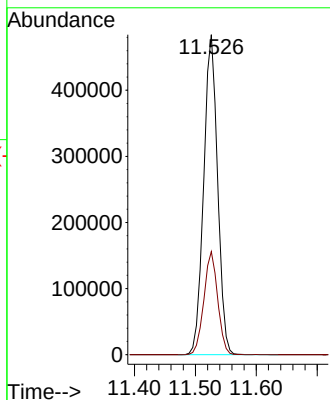
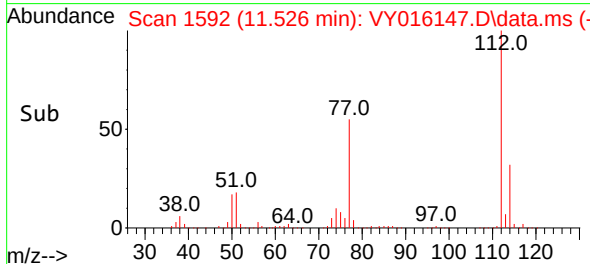
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



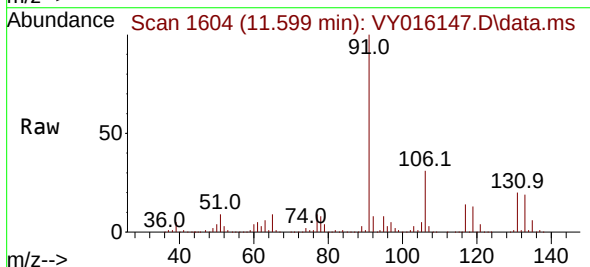
Tgt Ion:112 Resp: 767178
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3

Manual Integrations
APPROVED

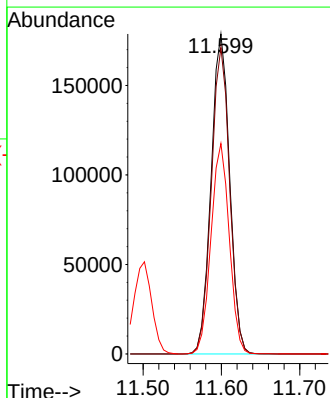
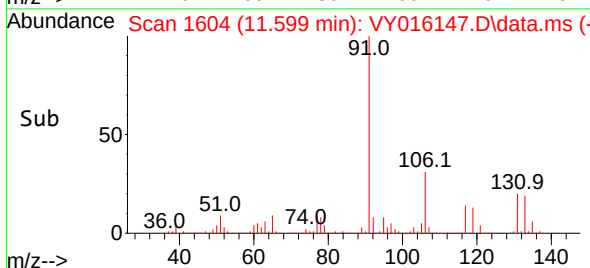
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

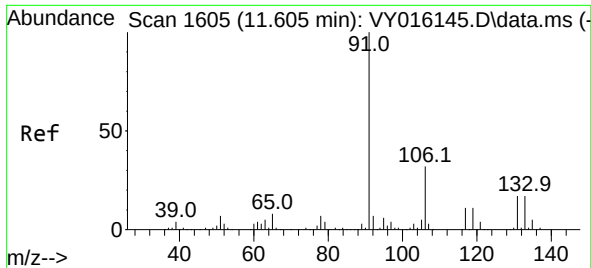


#66
1,1,1,2-Tetrachloroethane
Concen: 155.574 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40



Tgt Ion:131 Resp: 293813
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 65.0 31.6 94.7





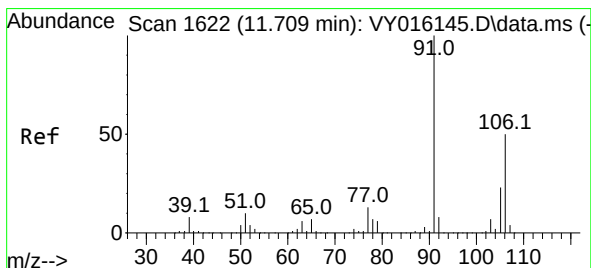
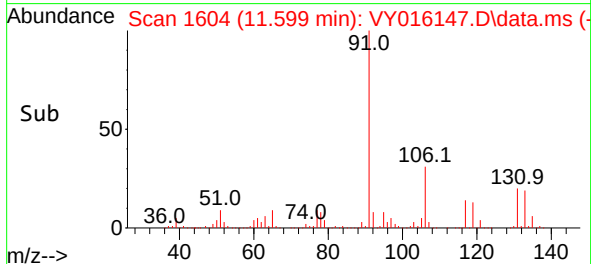
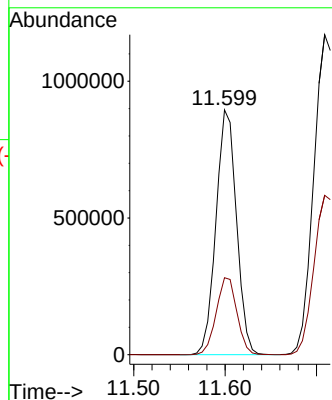
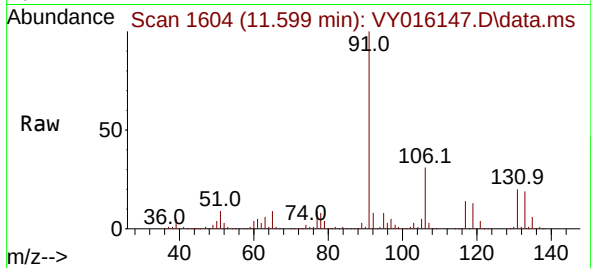
#67
Ethyl Benzene
Concen: 153.067 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 139595
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8

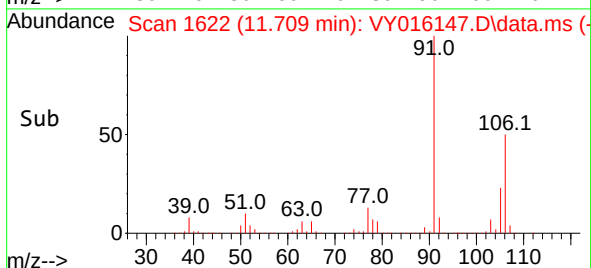
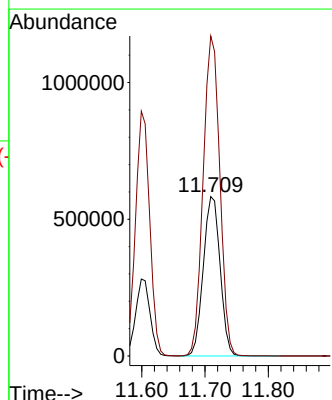
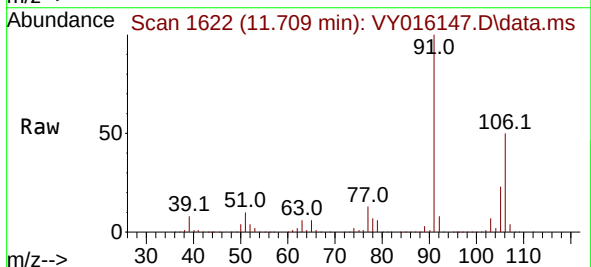
Manual Integrations
APPROVED

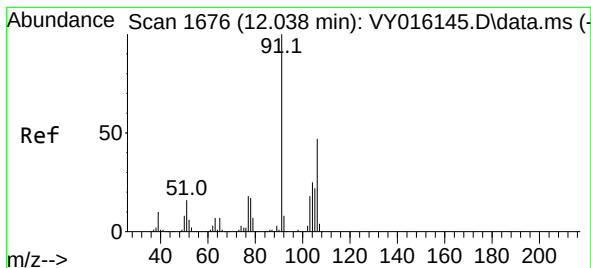
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#68
m/p-Xylenes
Concen: 305.811 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Tgt Ion:106 Resp: 1077705
Ion Ratio Lower Upper
106 100
91 199.2 166.1 249.1





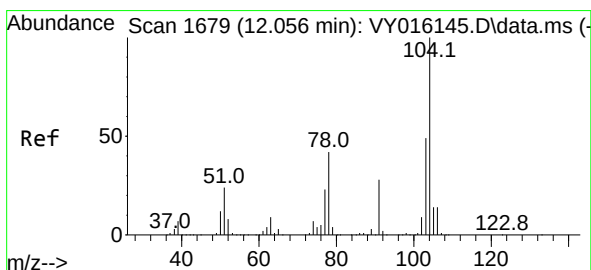
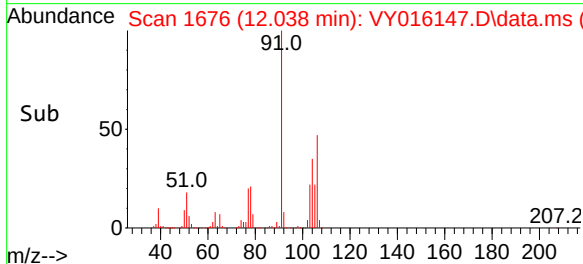
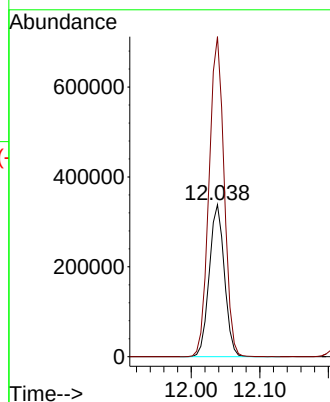
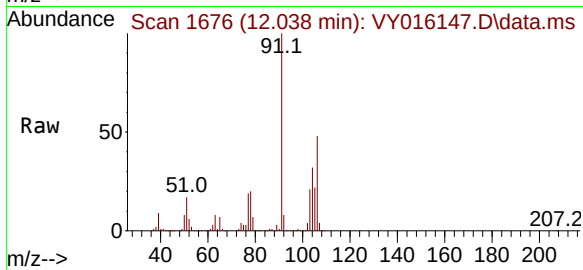
#69
o-Xylene
Concen: 154.604 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 520204
Ion Ratio Lower Upper
106 100
91 209.8 108.1 324.3

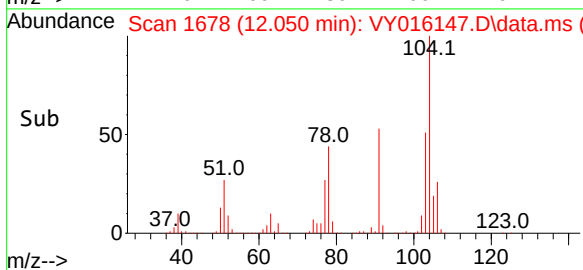
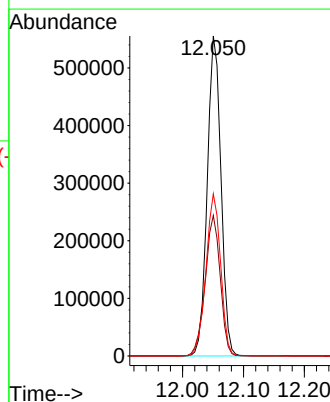
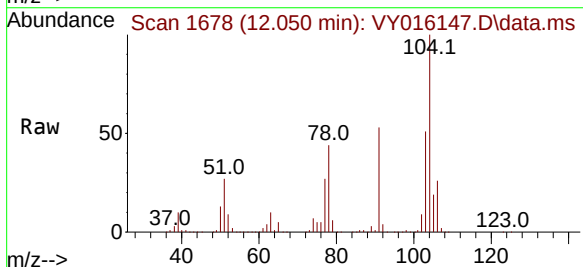
Manual Integrations
APPROVED

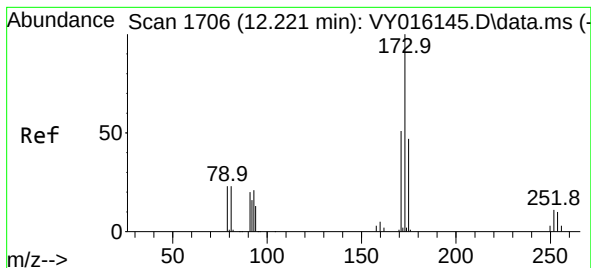
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#70
Styrene
Concen: 155.395 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Tgt Ion:104 Resp: 869218
Ion Ratio Lower Upper
104 100
78 48.0 41.5 62.3
103 54.3 44.6 67.0





#71

Bromoform

Concen: 154.756 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.006 min

Lab File: VY016147.D

Acq: 31 Oct 2023 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:173 Resp: 162138

Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.8

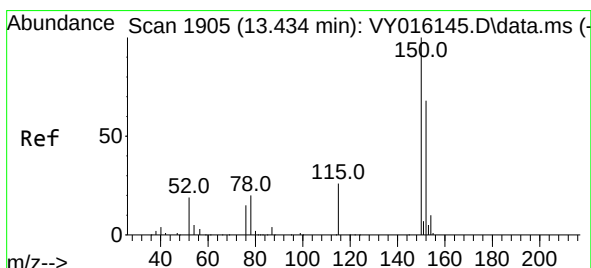
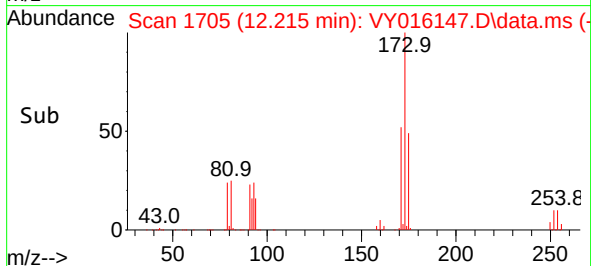
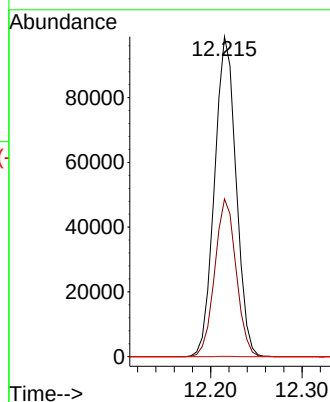
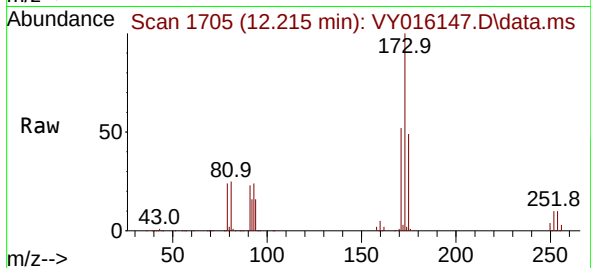
254 0.1 0.2 0.2

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: VY016147.D

Acq: 31 Oct 2023 14:40

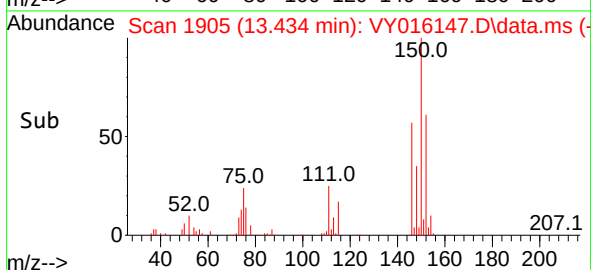
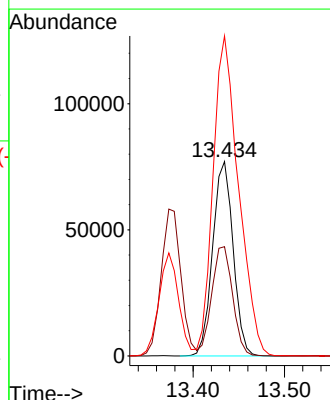
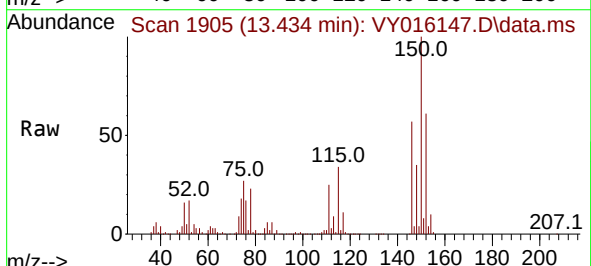
Tgt Ion:152 Resp: 119898

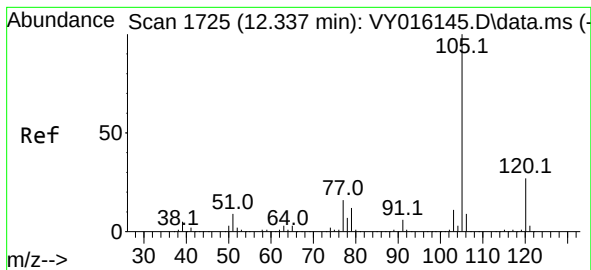
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 205.5 0.0 348.8





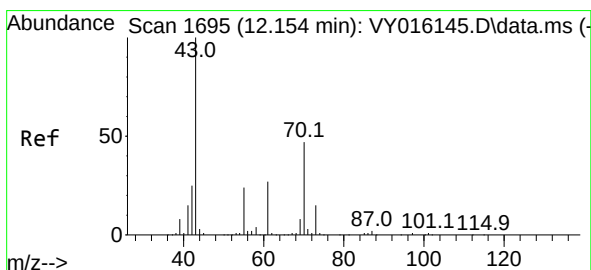
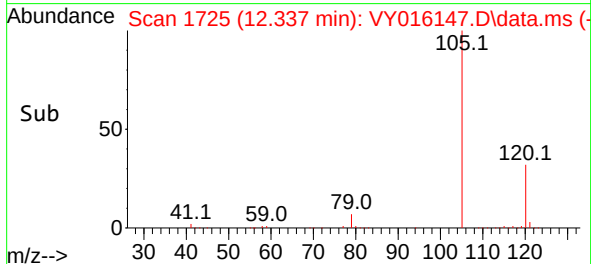
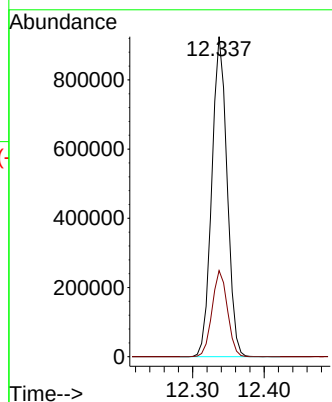
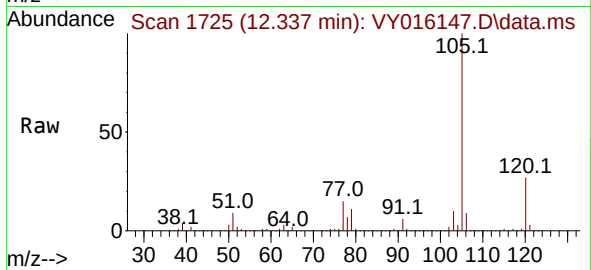
#73
Isopropylbenzene
Concen: 152.587 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Tgt Ion:105 Resp: 1372338
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9

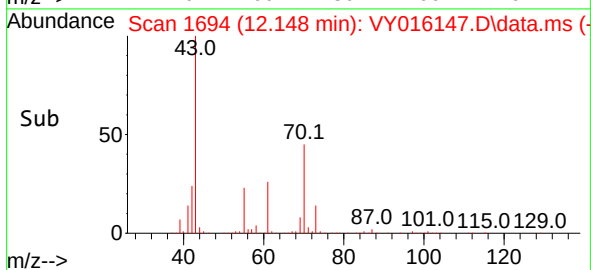
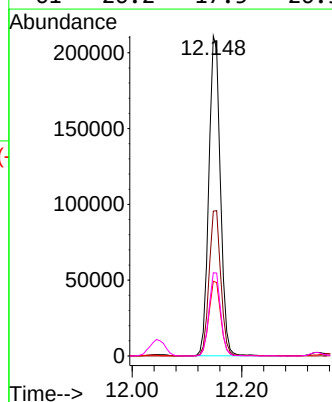
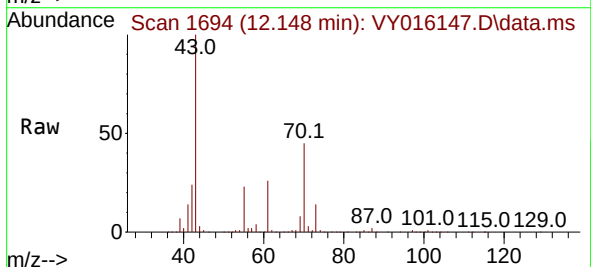
Manual Integrations
APPROVED

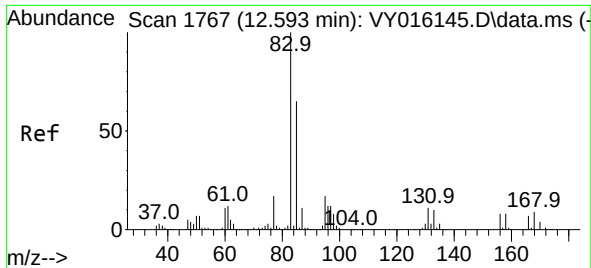
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#74
N-ethyl acetate
Concen: 157.316 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

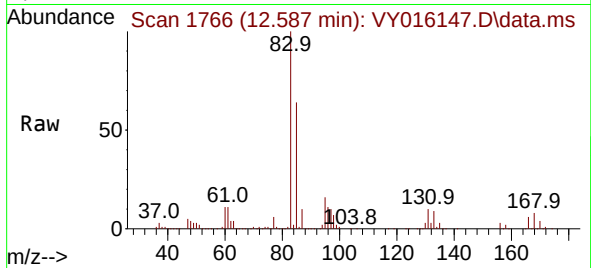
Tgt Ion: 43 Resp: 307463
Ion Ratio Lower Upper
43 100
70 46.3 29.7 44.5#
55 23.8 18.3 27.5
61 26.2 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 154.972 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

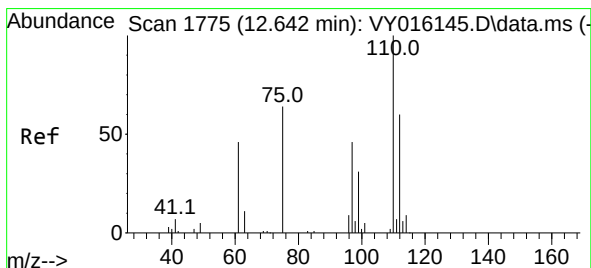
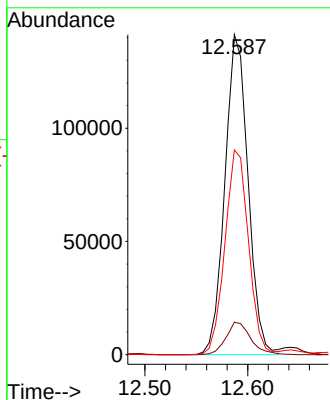
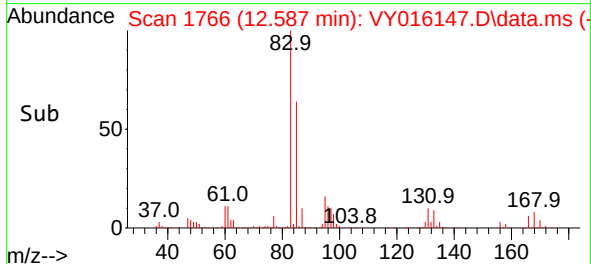
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 221788
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 65.1 31.8 95.4

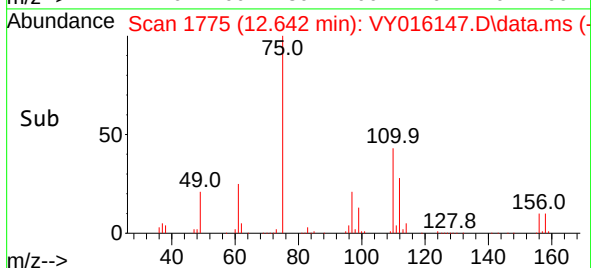
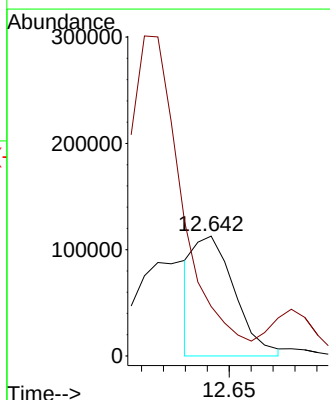
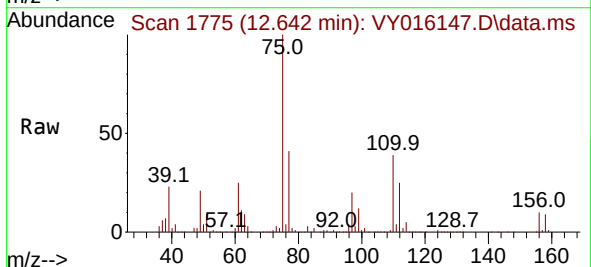
Manual Integrations
APPROVED

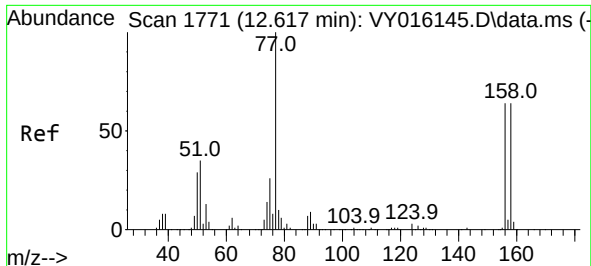
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#76
1,2,3-Trichloropropane
Concen: 115.647 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

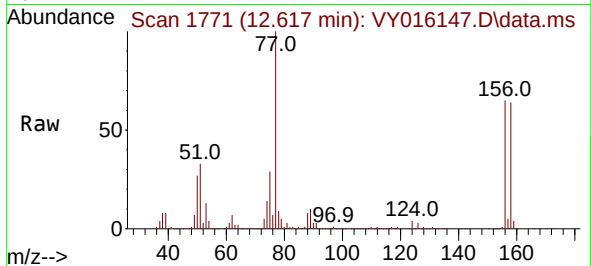
Tgt Ion: 75 Resp: 146320
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 153.154 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

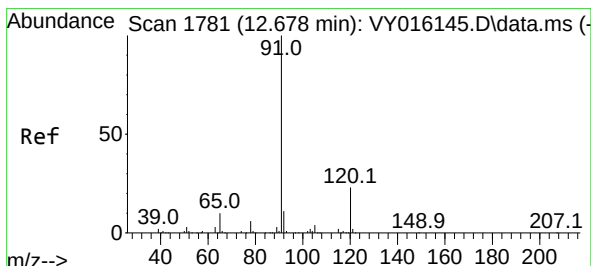
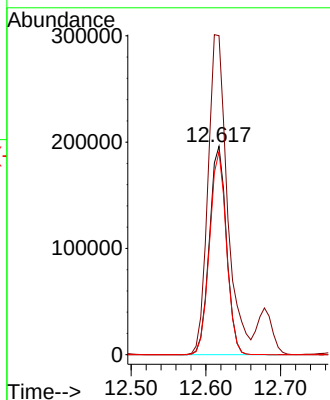
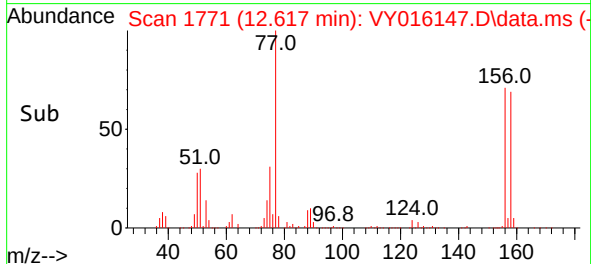
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



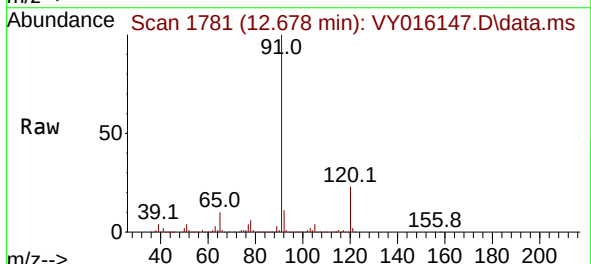
Tgt Ion:156 Resp: 311895
Ion Ratio Lower Upper
156 100
77 174.4 92.8 278.6
158 96.2 48.4 145.3

Manual Integrations
APPROVED

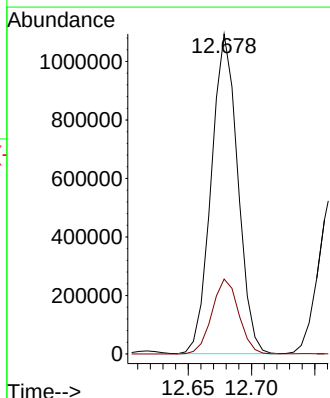
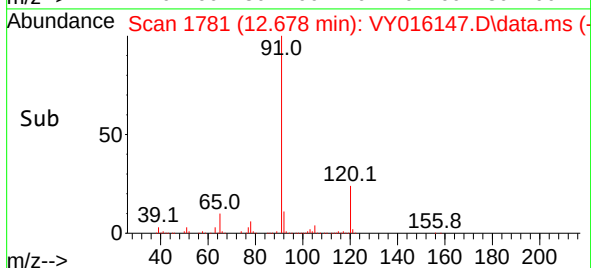
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

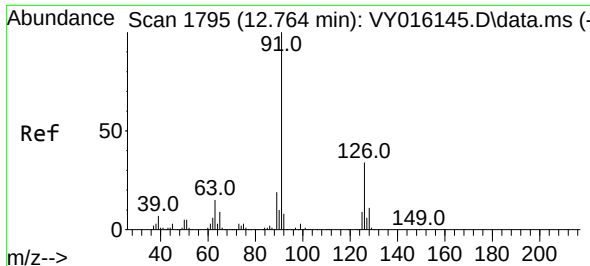


#78
n-propylbenzene
Concen: 149.850 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40



Tgt Ion: 91 Resp: 1593376
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.4





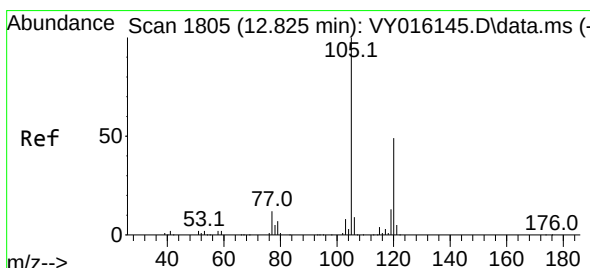
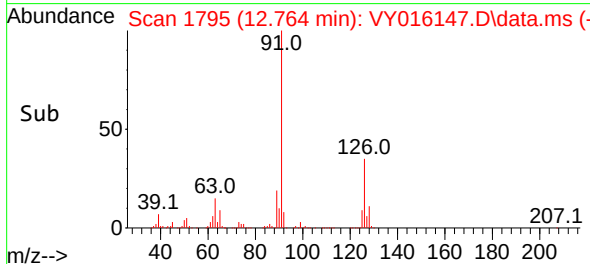
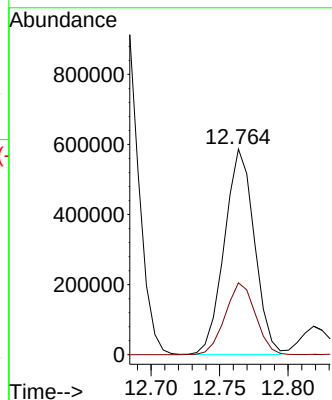
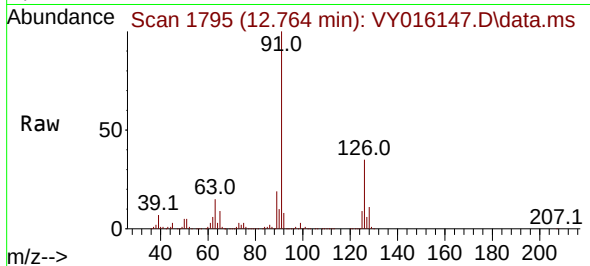
#79
2-Chlorotoluene
Concen: 150.760 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 894090
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7

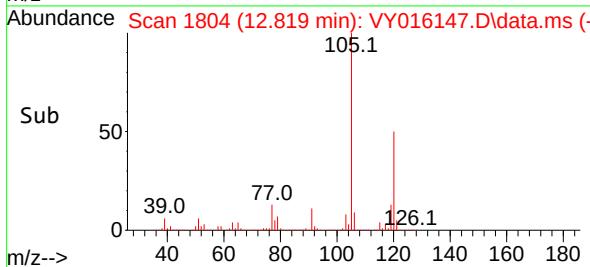
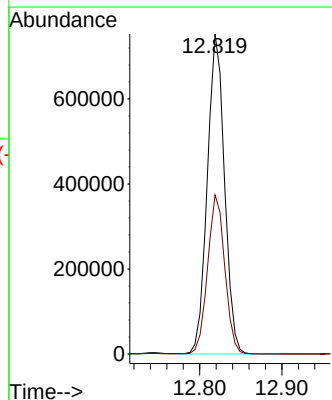
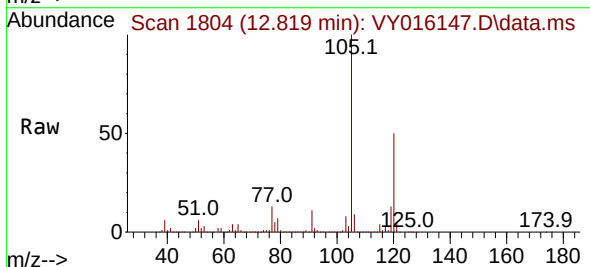
Manual Integrations
APPROVED

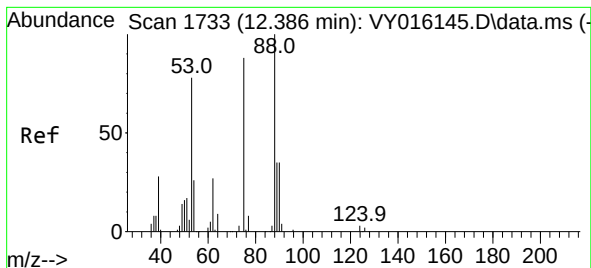
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 149.771 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Tgt Ion:105 Resp: 1091309
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7





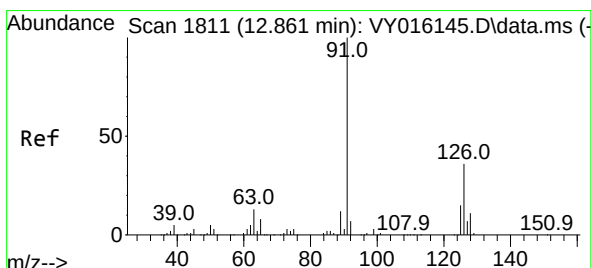
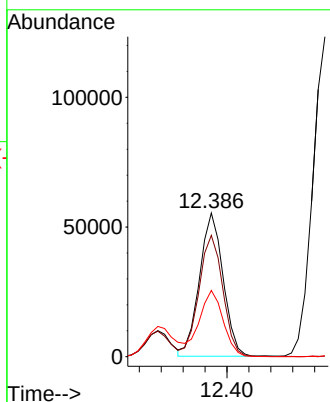
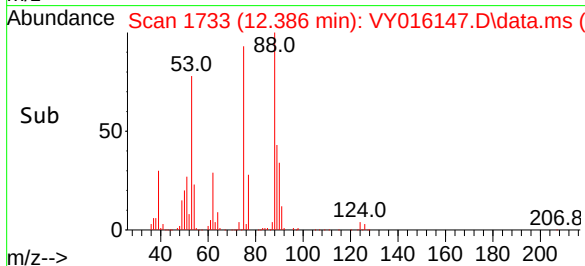
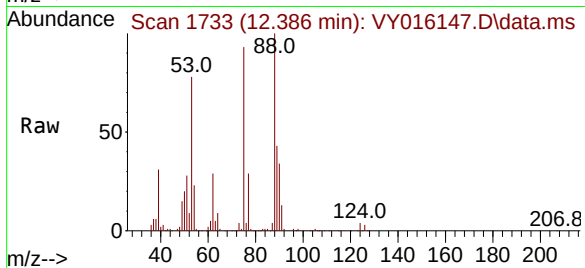
#81
trans-1,4-Dichloro-2-butene
Concen: 159.000 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 82798
Ion Ratio Lower Upper
75 100
53 86.3 77.8 116.8
89 46.5 37.4 56.0

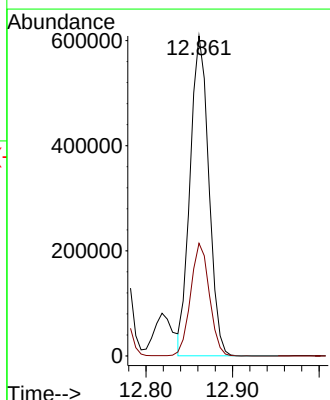
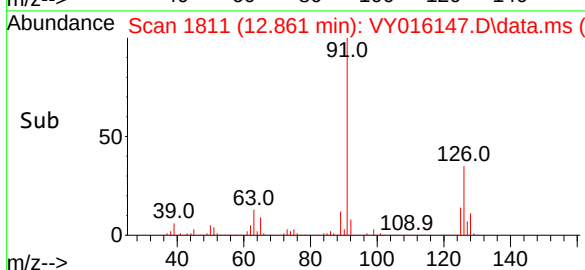
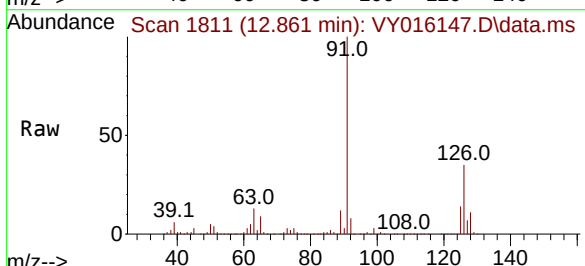
Manual Integrations
APPROVED

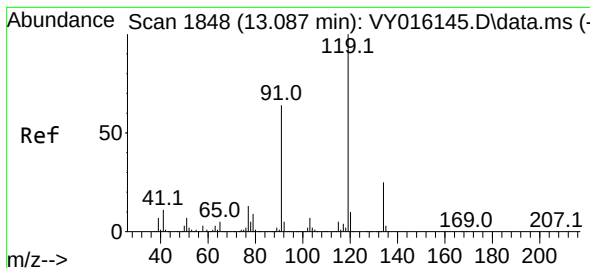
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#82
4-Chlorotoluene
Concen: 149.585 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

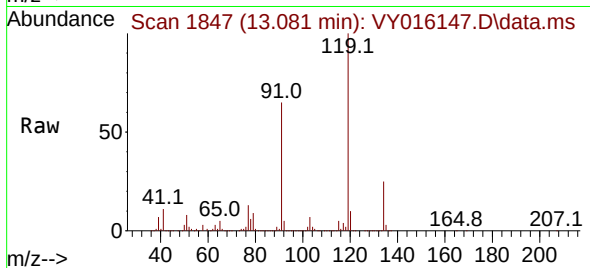
Tgt Ion: 91 Resp: 910958
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 147.831 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

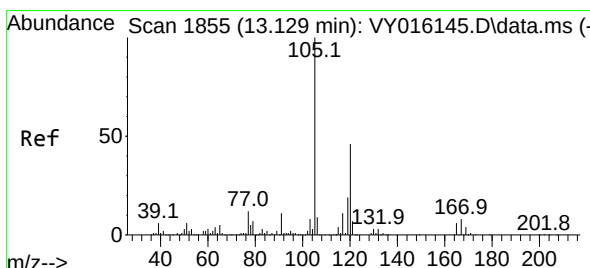
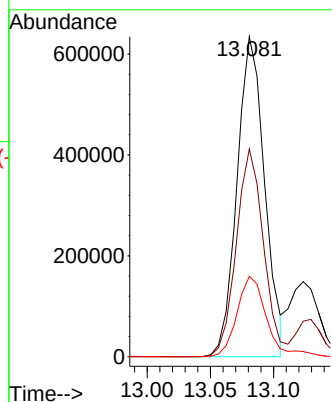
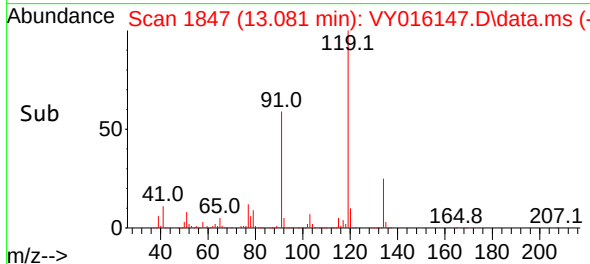
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



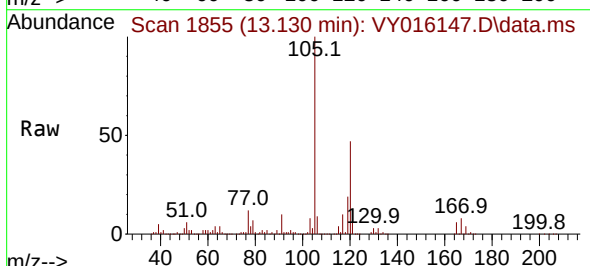
Tgt Ion:119 Resp: 963812
Ion Ratio Lower Upper
119 100
91 64.3 32.9 98.6
134 26.8 13.0 38.9

Manual Integrations
APPROVED

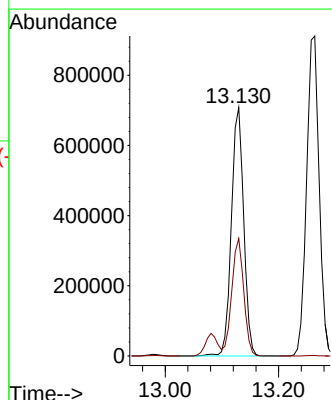
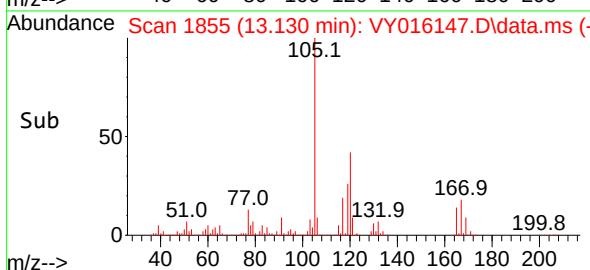
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

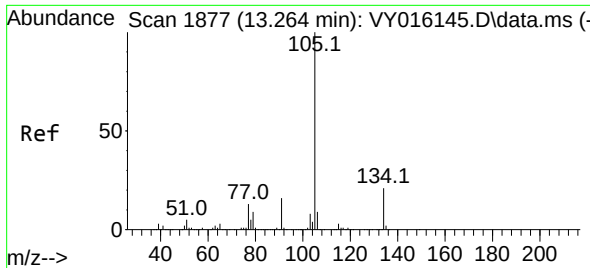


#84
1,2,4-Trimethylbenzene
Concen: 147.892 ug/l
RT: 13.130 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40



Tgt Ion:105 Resp: 1066308
Ion Ratio Lower Upper
105 100
120 46.1 22.2 66.6





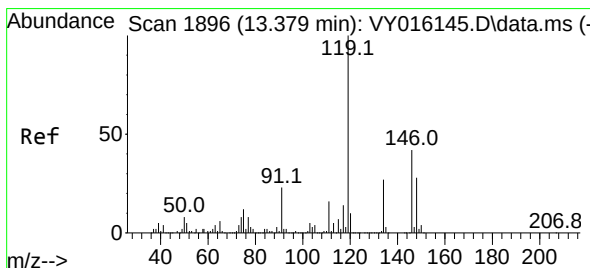
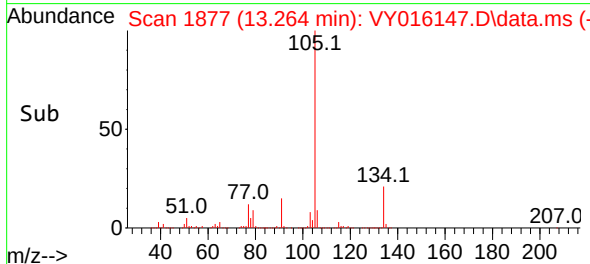
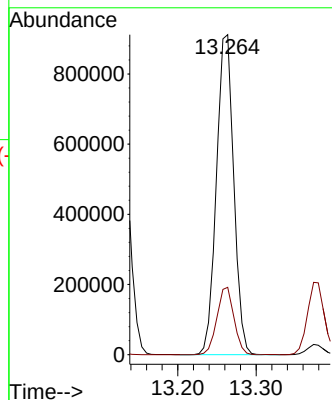
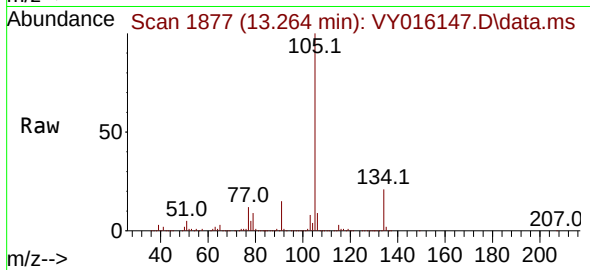
#85
 sec-Butylbenzene
 Concen: 146.516 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VY016147.D
 Acq: 31 Oct 2023 14:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 140202
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

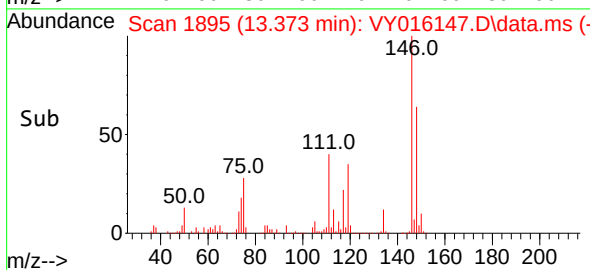
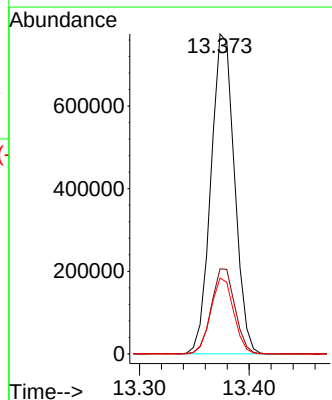
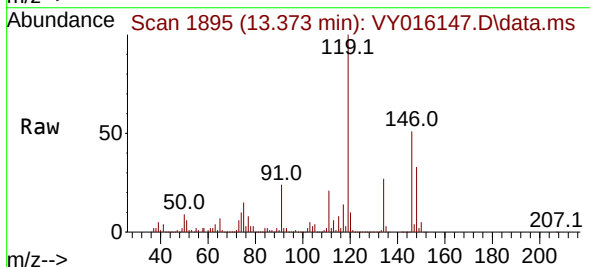
Manual Integrations
 APPROVED

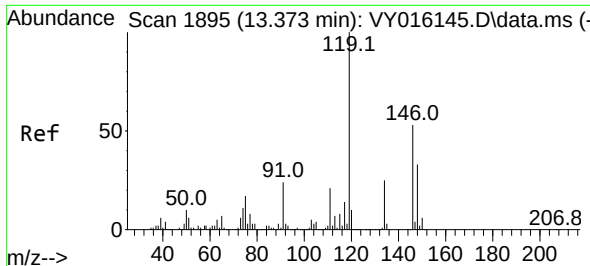
Reviewed By :John Carlone 11/01/2023
 Supervised By :Mahesh Dadoda 11/01/2023



#86
 p-Isopropyltoluene
 Concen: 145.750 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY016147.D
 Acq: 31 Oct 2023 14:40

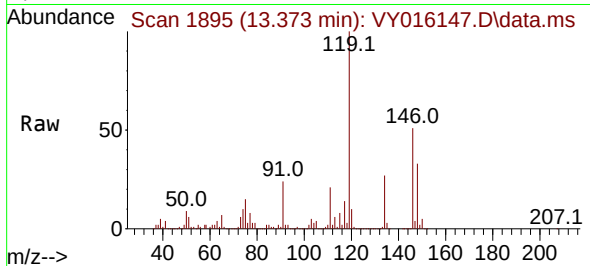
Tgt Ion:119 Resp: 1155913
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 23.2 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 147.909 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

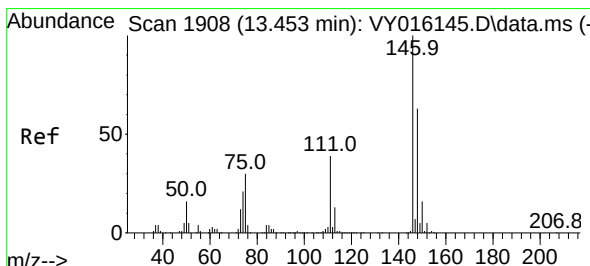
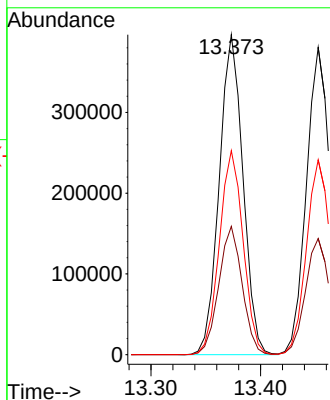
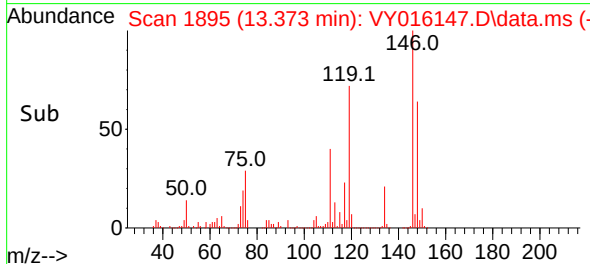
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



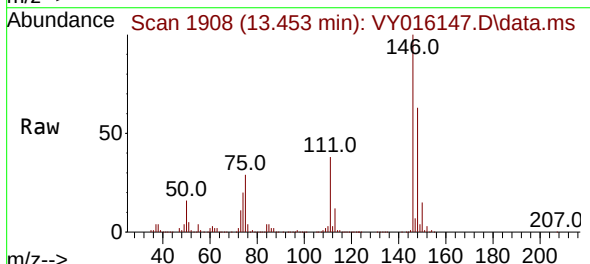
Tgt Ion:146 Resp: 595729
Ion Ratio Lower Upper
146 100
111 39.5 19.4 58.2
148 63.9 31.9 95.5

Manual Integrations
APPROVED

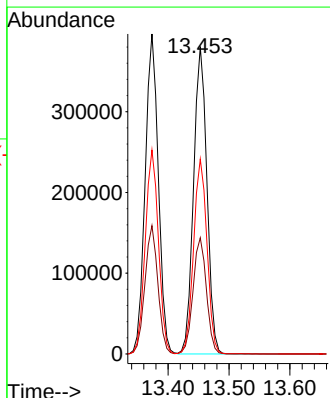
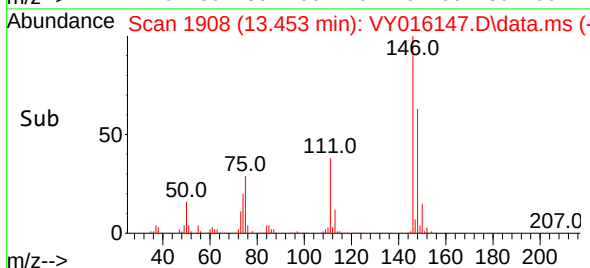
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023

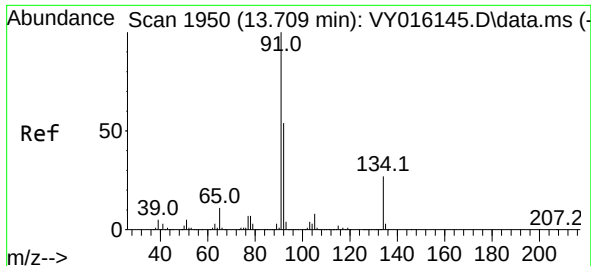


#88
1,4-Dichlorobenzene
Concen: 145.271 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40



Tgt Ion:146 Resp: 578291
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.7
148 63.6 32.1 96.5





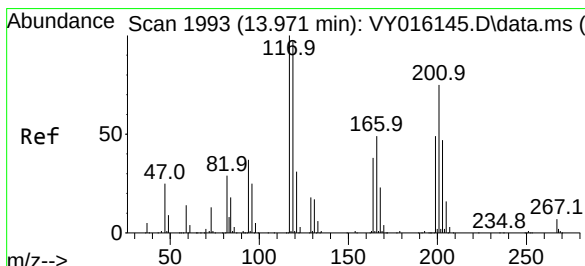
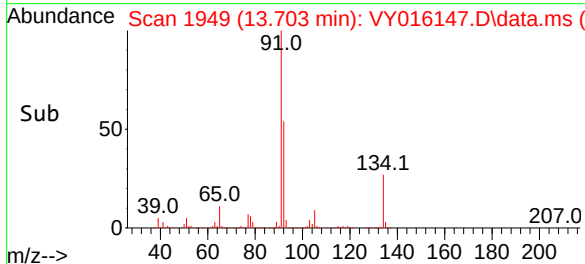
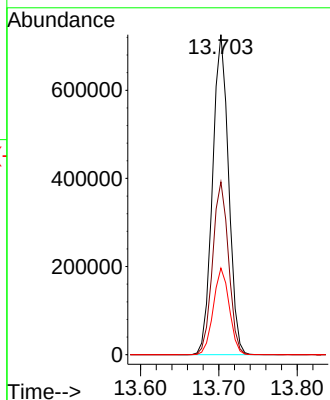
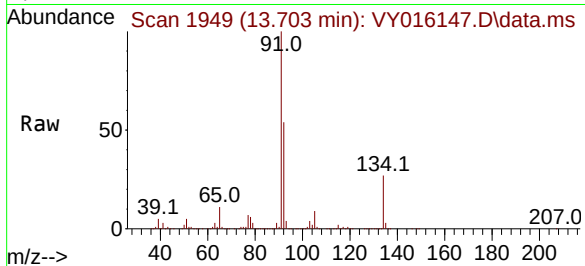
#89
n-Butylbenzene
Concen: 141.696 ug/l
RT: 13.703 min Scan# 1950
Delta R.T. -0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 103256
Ion Ratio Lower Upper
91 100
92 53.8 25.4 76.0
134 26.9 12.6 37.6

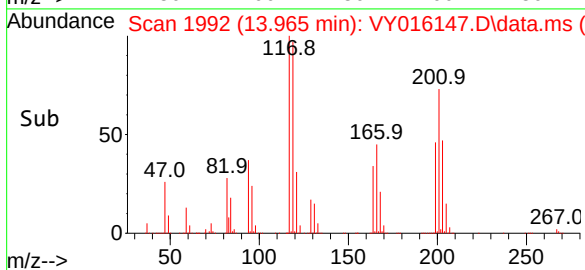
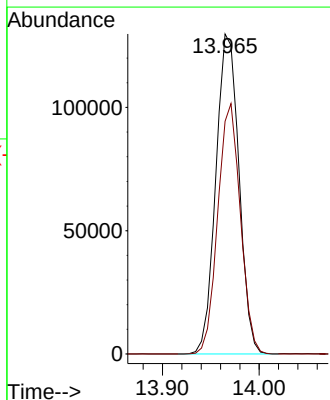
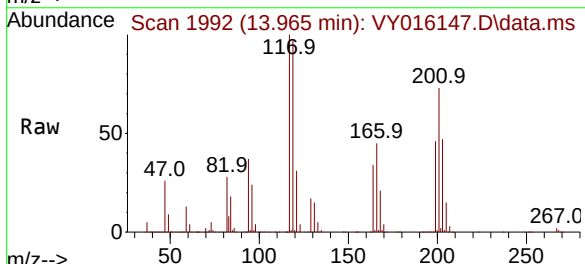
Manual Integrations
APPROVED

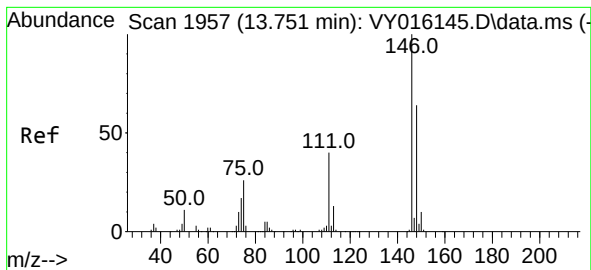
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#90
Hexachloroethane
Concen: 157.373 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Tgt Ion:117 Resp: 215083
Ion Ratio Lower Upper
117 100
201 76.5 41.6 124.8





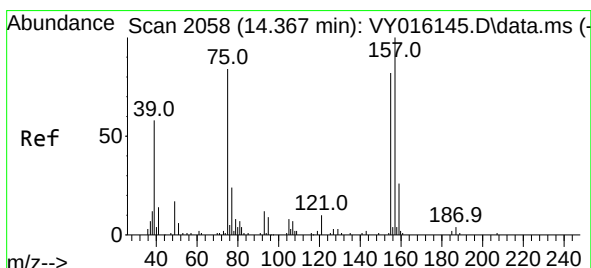
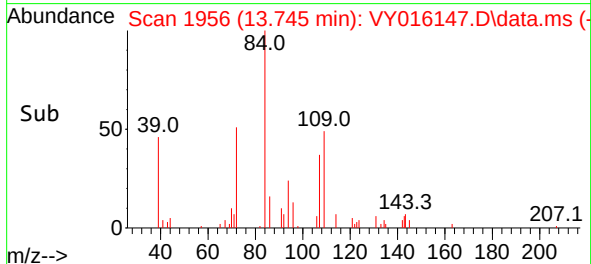
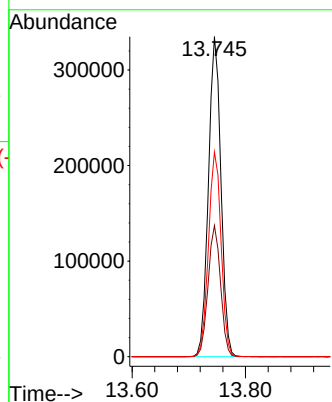
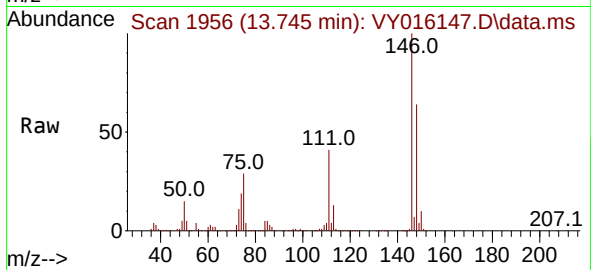
#91
1,2-Dichlorobenzene
Concen: 146.775 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 51076
Ion Ratio Lower Upper
146 100
111 41.1 19.7 59.0
148 64.6 32.0 96.2

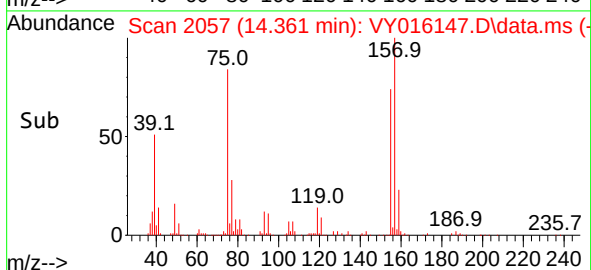
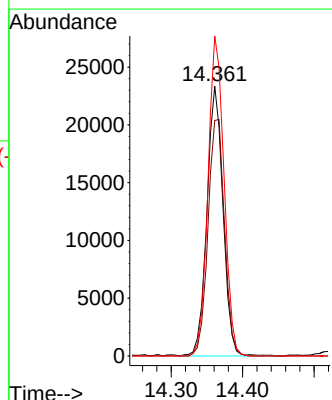
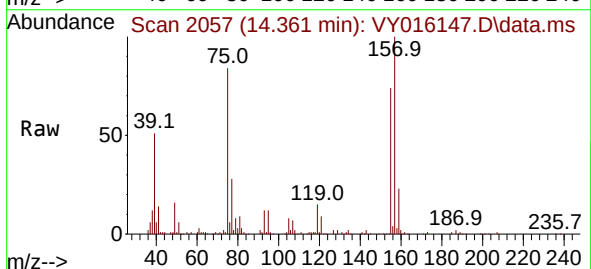
Manual Integrations
APPROVED

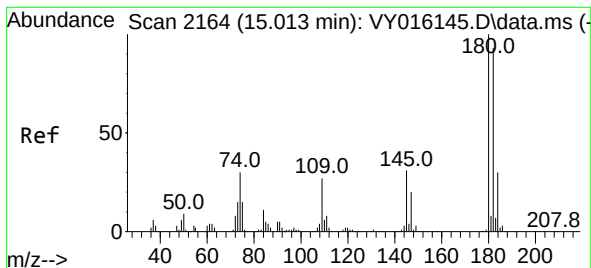
Reviewed By :John Carlone 11/01/2023
Supervised By :Mahesh Dadoda 11/01/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 142.028 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016147.D
Acq: 31 Oct 2023 14:40

Tgt Ion: 75 Resp: 36377
Ion Ratio Lower Upper
75 100
155 90.3 41.5 124.6
157 118.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 135.097 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016147.D

Acq: 31 Oct 2023 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 290169

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

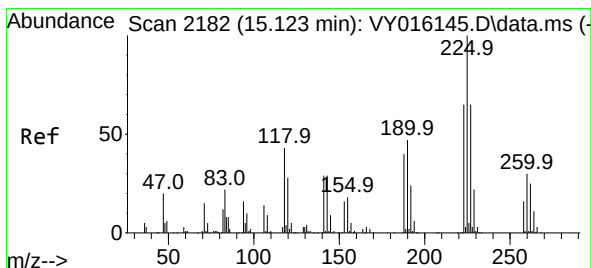
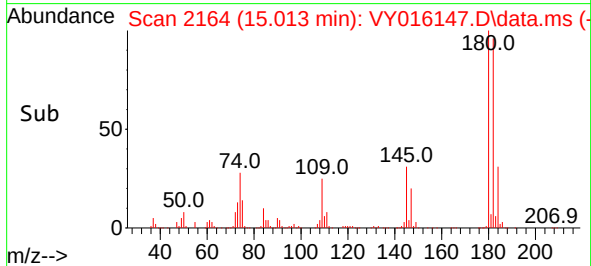
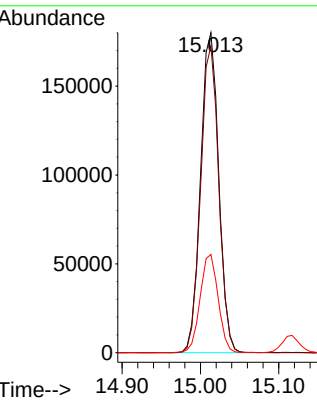
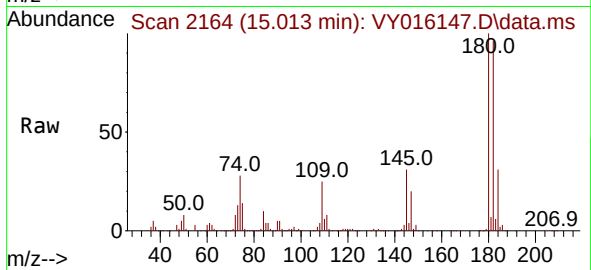
145 30.5 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#94

Hexachlorobutadiene

Concen: 128.039 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016147.D

Acq: 31 Oct 2023 14:40

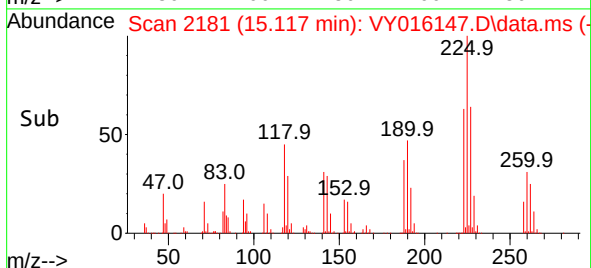
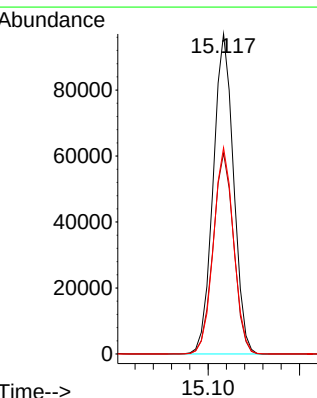
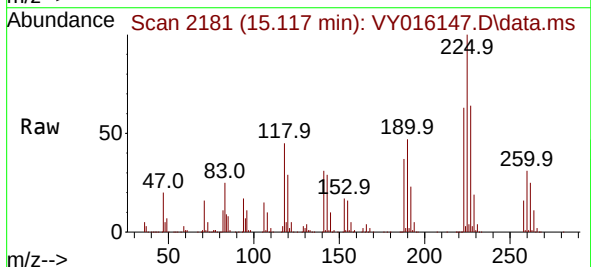
Tgt Ion:225 Resp: 150279

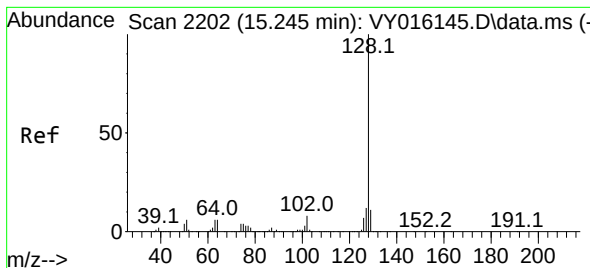
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.9

227 63.7 33.0 98.9





#95

Naphthalene

Concen: 140.317 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY016147.D

Acq: 31 Oct 2023 14:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

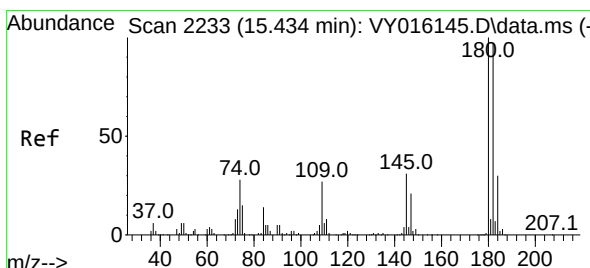
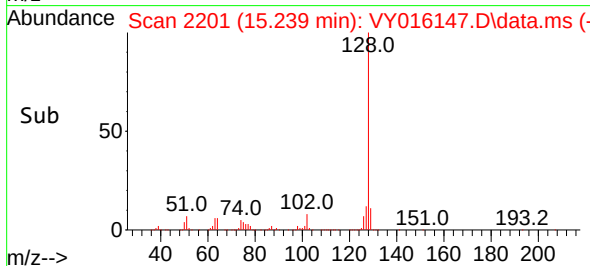
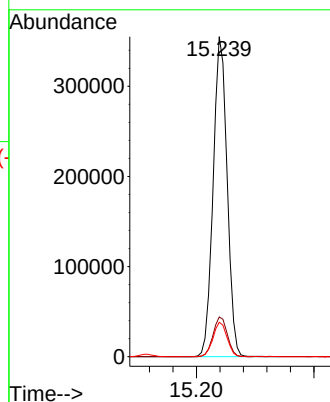
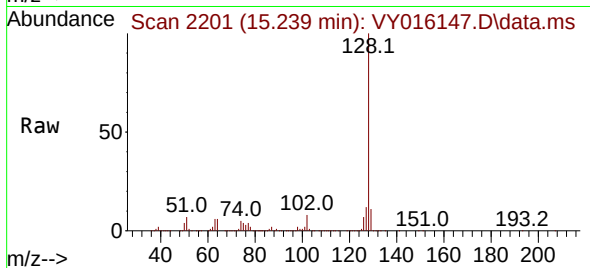
Tgt Ion:128	Resp: 58549
Ion Ratio	Lower Upper
128 100	
127 12.7	10.8 16.2
129 10.9	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/01/2023

Supervised By :Mahesh Dadoda 11/01/2023



#96

1,2,3-Trichlorobenzene

Concen: 133.064 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016147.D

Acq: 31 Oct 2023 14:40

Tgt Ion:180	Resp: 244144
Ion Ratio	Lower Upper
180 100	
182 95.6	47.3 141.8
145 32.6	15.4 46.2

