

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016202.D
 Acq On : 03 Nov 2023 08:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/06/2023
 Supervised By : Mahesh Dadoda 11/06/2023

Quant Time: Nov 03 22:57:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	167602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	272660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	239490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	111390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	89061	56.788	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.580%			
35) Dibromofluoromethane	7.734	113	84700	52.106	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.220%			
50) Toluene-d8	10.191	98	345264	53.572	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.140%			
62) 4-Bromofluorobenzene	12.489	95	114884	52.130	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	52625	49.223	ug/l	98
3) Chloromethane	2.119	50	70480	47.614	ug/l	99
4) Vinyl Chloride	2.259	62	76972	50.382	ug/l	97
5) Bromomethane	2.662	94	50763	49.235	ug/l	96
6) Chloroethane	2.808	64	52287	48.613	ug/l	97
7) Trichlorofluoromethane	3.143	101	120579	52.279	ug/l	99
8) Diethyl Ether	3.540	74	41856	54.754	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.912	101	73222	50.393	ug/l	96
10) Methyl Iodide	4.107	142	84795	52.481	ug/l	97
11) Tert butyl alcohol	4.979	59	29173	248.967	ug/l #	78
12) 1,1-Dichloroethene	3.887	96	67678	51.031	ug/l	93
13) Acrolein	3.741	56	30347	282.965	ug/l	100
14) Allyl chloride	4.497	41	107897	56.879	ug/l #	95
15) Acrylonitrile	5.180	53	90556	277.223	ug/l	97
16) Acetone	3.960	43	68485	275.504	ug/l #	89
17) Carbon Disulfide	4.216	76	167402	50.559	ug/l	98
18) Methyl Acetate	4.491	43	68997	54.706	ug/l #	89
19) Methyl tert-butyl Ether	5.241	73	208385	55.240	ug/l	99
20) Methylene Chloride	4.735	84	82339	51.724	ug/l	88
21) trans-1,2-Dichloroethene	5.241	96	80611	52.182	ug/l	93
22) Diisopropyl ether	6.137	45	256351	55.872	ug/l #	87
23) Vinyl Acetate	6.076	43	623872	276.941	ug/l #	94
24) 1,1-Dichloroethane	6.039	63	148616	54.121	ug/l	95
25) 2-Butanone	7.003	43	117019	270.451	ug/l	93
26) 2,2-Dichloropropane	7.003	77	138780	53.463	ug/l	97
27) cis-1,2-Dichloroethene	7.003	96	98814	54.354	ug/l	92
28) Bromochloromethane	7.350	49	62301	60.630	ug/l	89
29) Tetrahydrofuran	7.362	42	74309	273.971	ug/l	89
30) Chloroform	7.527	83	159877	53.478	ug/l	98
31) Cyclohexane	7.801	56	115064	47.727	ug/l	89
32) 1,1,1-Trichloroethane	7.722	97	141656	51.667	ug/l	98
36) 1,1-Dichloropropene	7.935	75	114333	48.710	ug/l	99
37) Ethyl Acetate	7.088	43	53757	51.420	ug/l #	96
38) Carbon Tetrachloride	7.917	117	124601	53.581	ug/l	97
39) Methylcyclohexane	9.197	83	135940	48.519	ug/l	93
40) Benzene	8.173	78	341084	50.616	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	29825m	49.148	ug/l	
42) 1,2-Dichloroethane	8.252	62	96944	51.551	ug/l	94
43) Isopropyl Acetate	8.283	43	110908	53.631	ug/l	93
44) Trichloroethene	8.953	130	96775	49.074	ug/l	98
45) 1,2-Dichloropropane	9.228	63	86559	53.396	ug/l	97
46) Dibromomethane	9.319	93	48133	52.342	ug/l	97
47) Bromodichloromethane	9.508	83	124318	53.208	ug/l	98
48) Methyl methacrylate	9.307	41	48252	51.312	ug/l	90
49) 1,4-Dioxane	9.313	88	10275	931.236	ug/l #	51
51) 4-Methyl-2-Pentanone	10.081	43	278075	269.493	ug/l	92
52) Toluene	10.258	92	221866	50.809	ug/l	95
53) t-1,3-Dichloropropene	10.478	75	124074	53.195	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	142058	51.905	ug/l	91
55) 1,1,2-Trichloroethane	10.654	97	67065	51.846	ug/l	97
56) Ethyl methacrylate	10.520	69	90261	53.730	ug/l #	85
57) 1,3-Dichloropropane	10.801	76	114381	51.942	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	221729	272.194	ug/l	94
59) 2-Hexanone	10.843	43	201385	284.810	ug/l	91
60) Dibromochloromethane	10.996	129	85460	52.662	ug/l	99
61) 1,2-Dibromoethane	11.099	107	63174	51.345	ug/l	99
64) Tetrachloroethene	10.734	164	96100	45.112	ug/l	97
65) Chlorobenzene	11.526	112	240857	50.620	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	91231	51.767	ug/l	98
67) Ethyl Benzene	11.605	91	428246	50.320	ug/l	98
68) m/p-Xylenes	11.709	106	327745	99.662	ug/l	94
69) o-Xylene	12.038	106	157575	50.185	ug/l	96
70) Styrene	12.057	104	263258	50.435	ug/l	97
71) Bromoform	12.215	173	51205	52.374	ug/l #	99
73) Isopropylbenzene	12.337	105	417500	49.966	ug/l	99
74) N-amyl acetate	12.154	43	95858	52.793	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.593	83	70983	53.387	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	49163m	46.868	ug/l	
77) Bromobenzene	12.617	156	96374	50.938	ug/l	95
78) n-propylbenzene	12.678	91	495629	50.172	ug/l	99
79) 2-Chlorotoluene	12.764	91	277606	50.385	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	339215	50.109	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	25656	53.031	ug/l	94
82) 4-Chlorotoluene	12.861	91	282458	49.924	ug/l	98
83) tert-Butylbenzene	13.081	119	307337	50.740	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	333955	49.856	ug/l	97
85) sec-Butylbenzene	13.264	105	447148	50.298	ug/l	100
86) p-Isopropyltoluene	13.379	119	369679	50.173	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	187984	50.238	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	185090	50.047	ug/l	99
89) n-Butylbenzene	13.703	91	344476	50.882	ug/l	96
90) Hexachloroethane	13.971	117	68741	54.138	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	165218	51.104	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	11179	46.980	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	101298	50.764	ug/l	98
94) Hexachlorobutadiene	15.117	225	56532	51.845	ug/l	99
95) Naphthalene	15.245	128	189321	48.837	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	86219	50.581	ug/l	99

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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

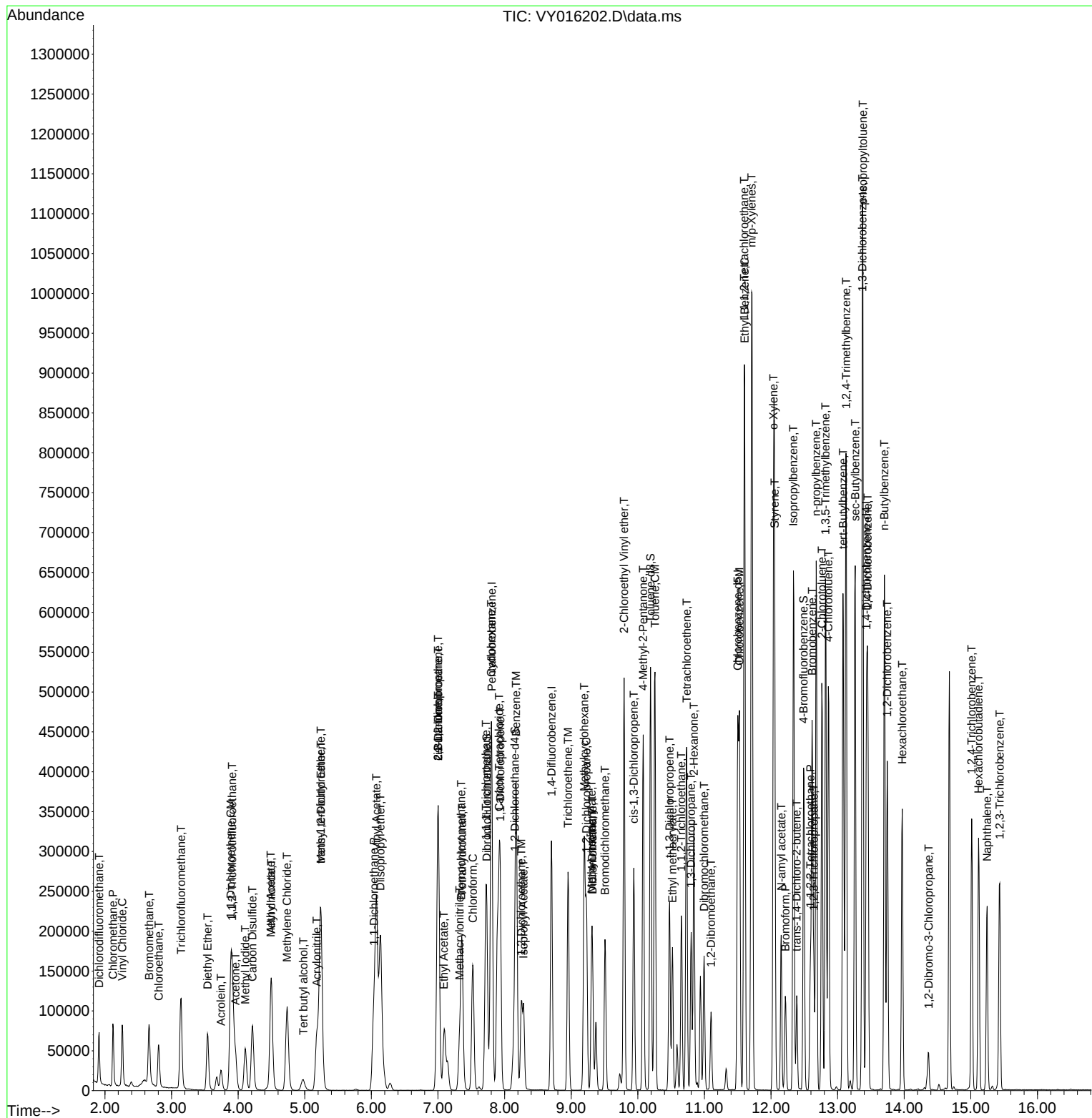
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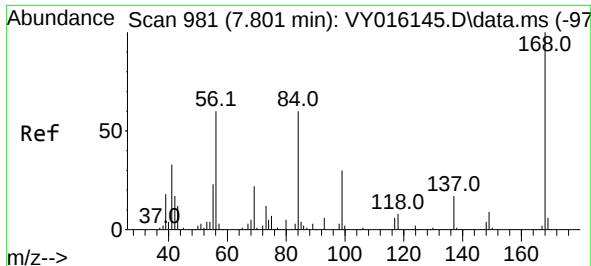
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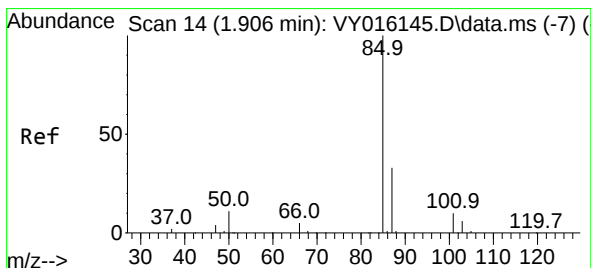
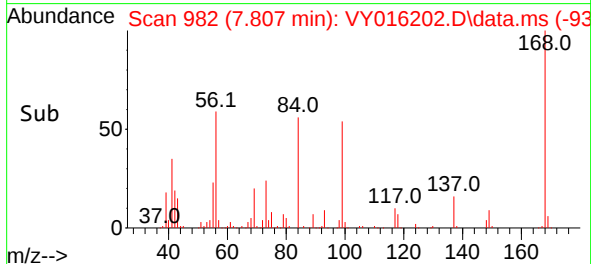
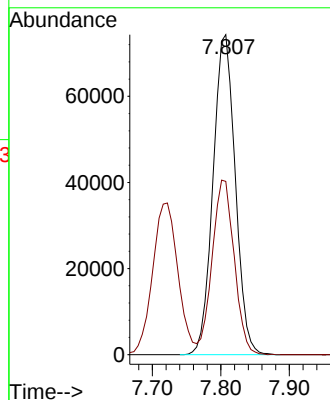
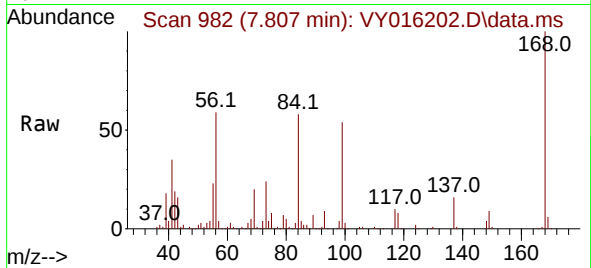
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016202.D
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Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 16760
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0

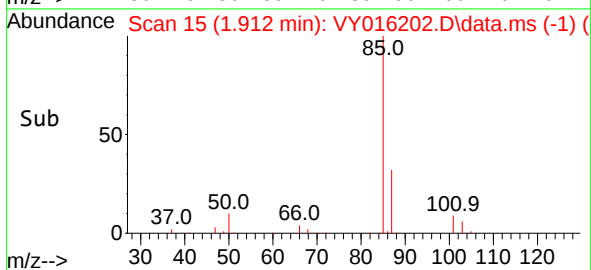
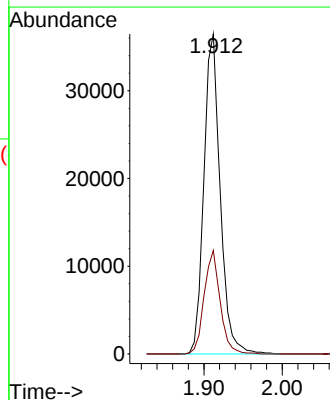
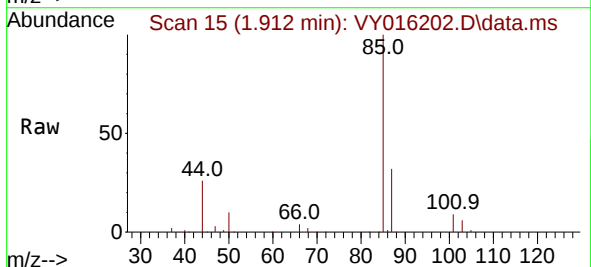
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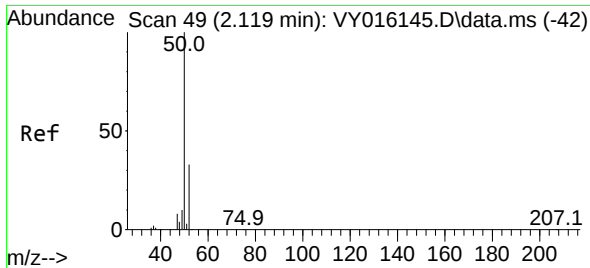
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#2
Dichlorodifluoromethane
Concen: 49.223 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

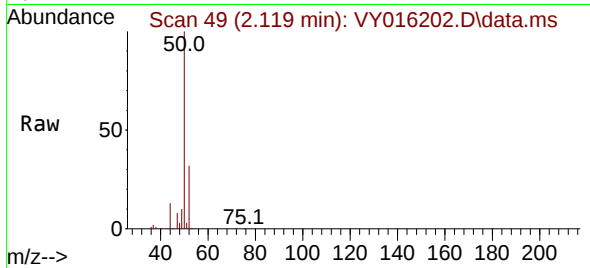
Tgt Ion: 85 Resp: 52625
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8





#3
Chloromethane
Concen: 47.614 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

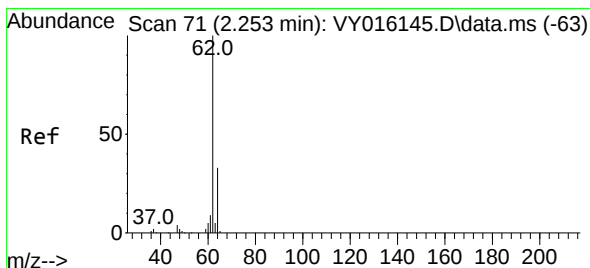
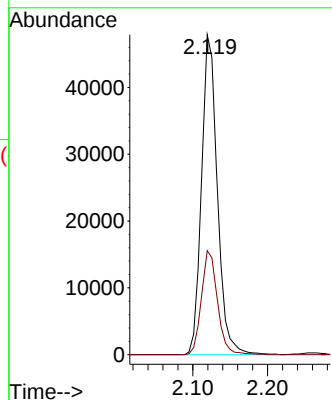
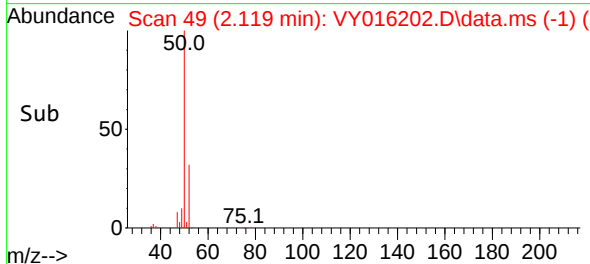
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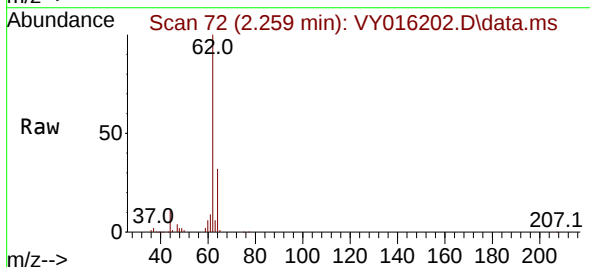
Tgt Ion: 50 Resp: 70480
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2

Manual Integrations
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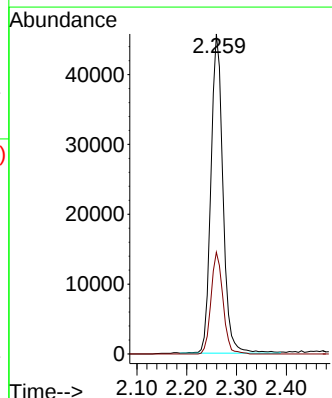
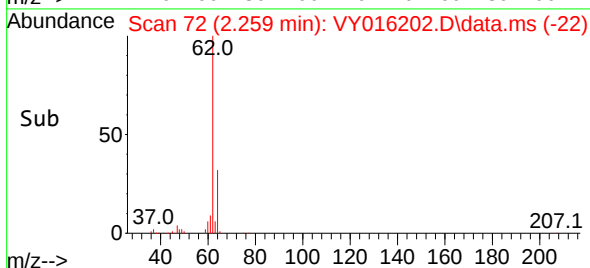
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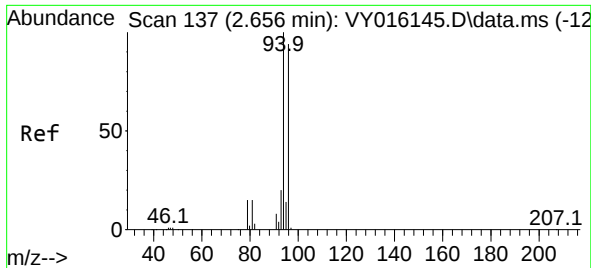


#4
Vinyl Chloride
Concen: 50.382 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57



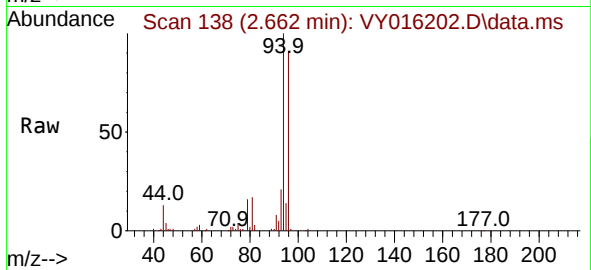
Tgt Ion: 62 Resp: 76972
Ion Ratio Lower Upper
62 100
64 31.9 24.3 36.5





#5
Bromomethane
Concen: 49.235 ug/l
RT: 2.662 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY016202.D
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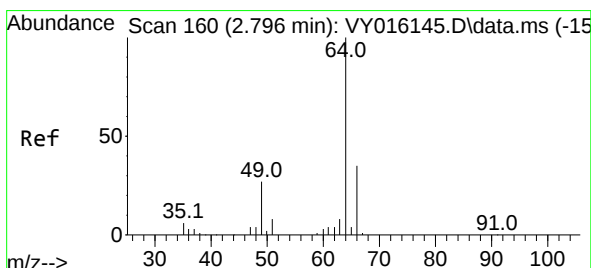
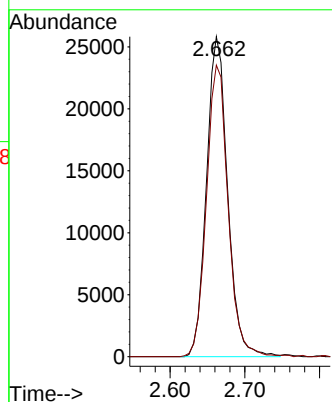
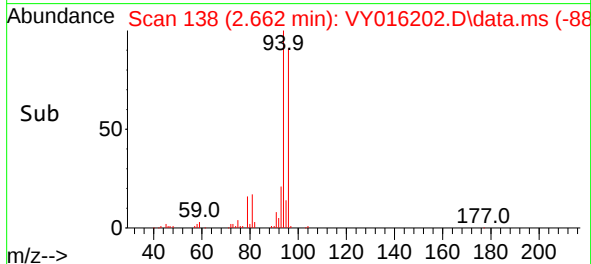
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Tgt Ion: 94 Resp: 50763
Ion Ratio Lower Upper
94 100
96 91.1 75.8 113.6

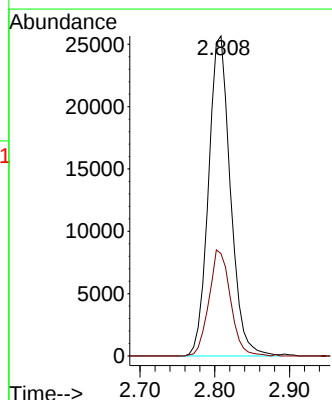
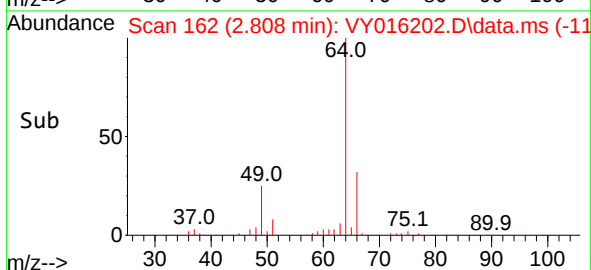
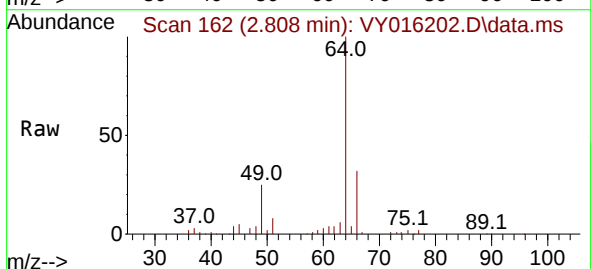
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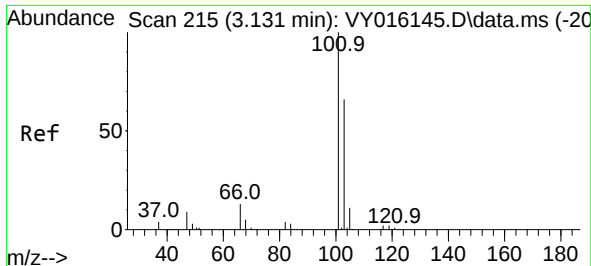
Reviewed By :John Carlone 11/06/2023
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#6
Chloroethane
Concen: 48.613 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.012 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

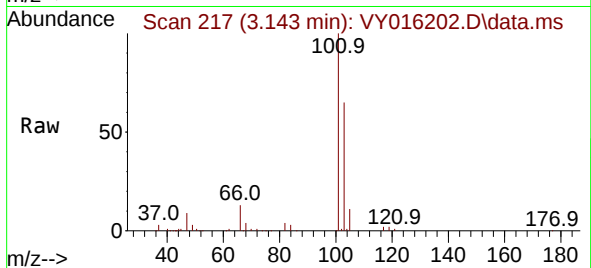
Tgt Ion: 64 Resp: 52287
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 52.279 ug/l
 RT: 3.143 min Scan# 215
 Delta R.T. 0.012 min
 Lab File: VY016202.D
 Acq: 03 Nov 2023 08:57

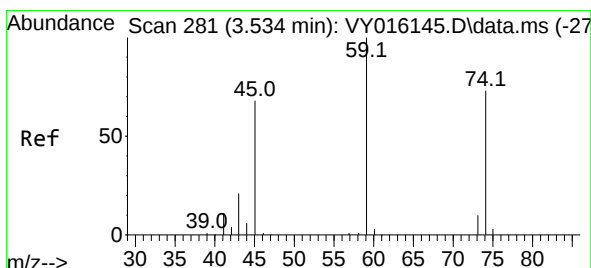
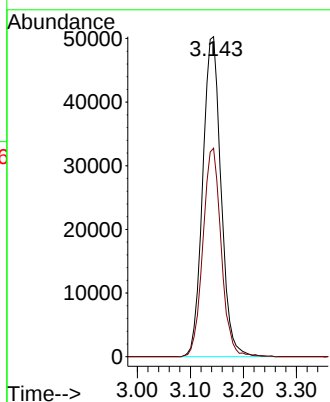
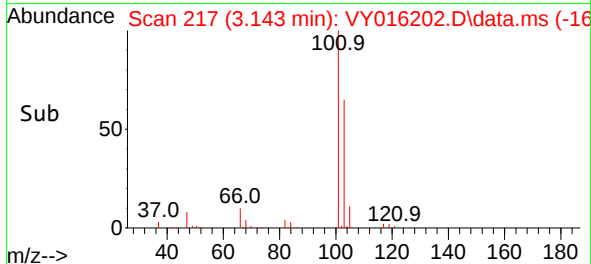
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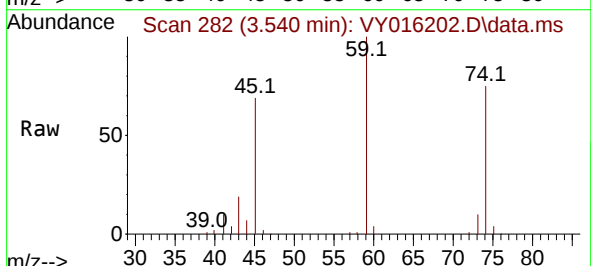
Tgt Ion:101 Resp: 120579
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.0

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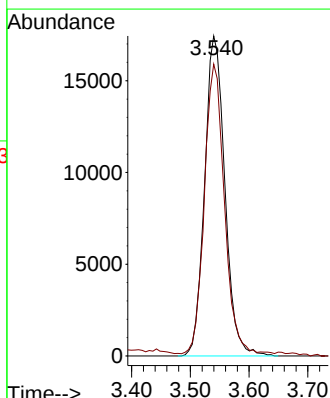
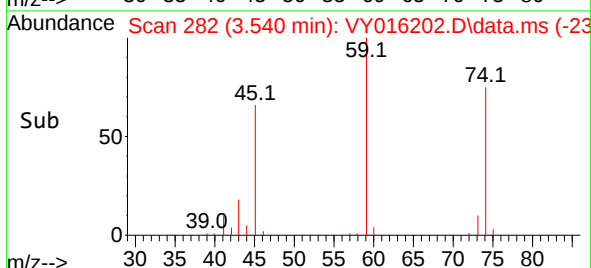
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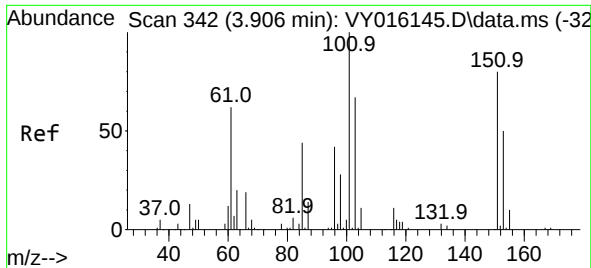


#8
 Diethyl Ether
 Concen: 54.754 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.006 min
 Lab File: VY016202.D
 Acq: 03 Nov 2023 08:57



Tgt Ion: 74 Resp: 41856
 Ion Ratio Lower Upper
 74 100
 45 89.1 51.5 154.5





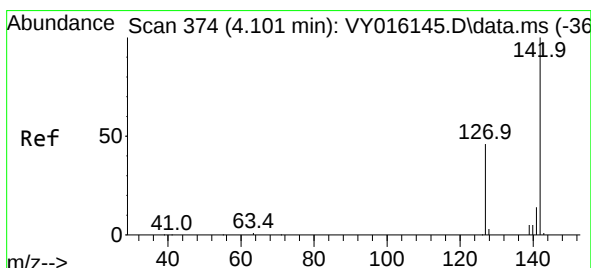
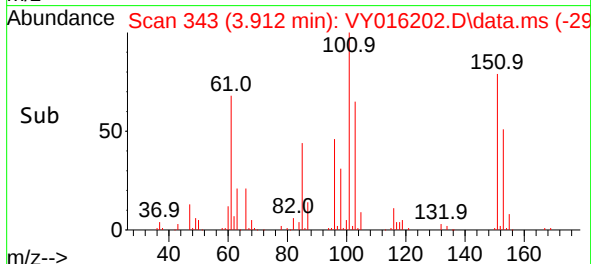
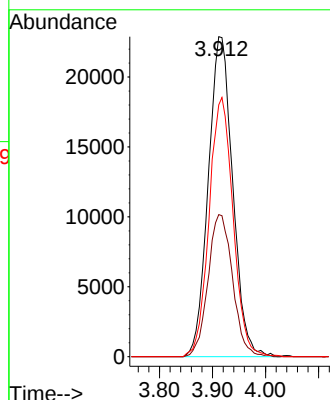
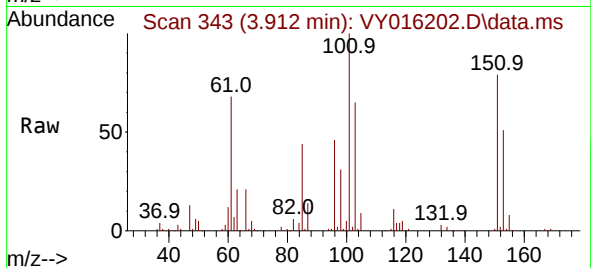
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.393 ug/l
RT: 3.912 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7322
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 79.6 67.0 100.6

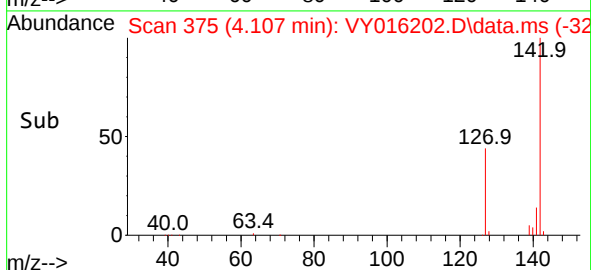
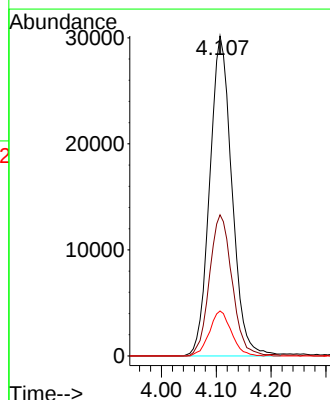
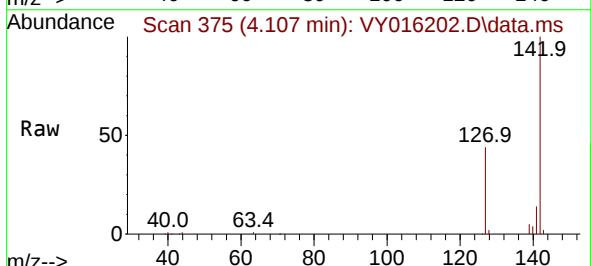
Manual Integrations
APPROVED

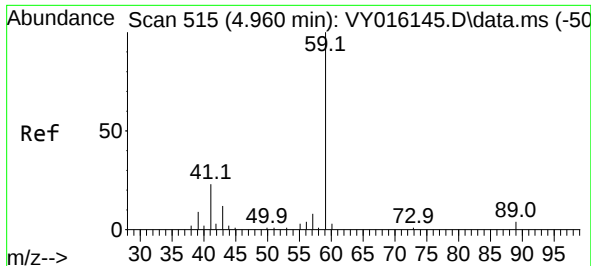
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#10
Methyl Iodide
Concen: 52.481 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Tgt Ion:142 Resp: 84795
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 13.9 11.8 17.8





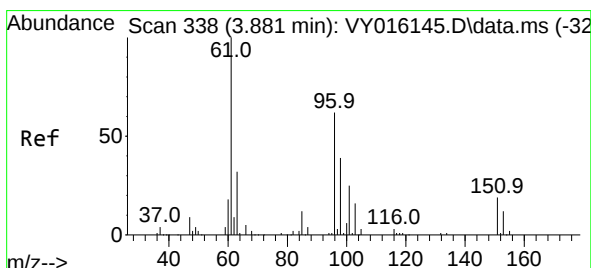
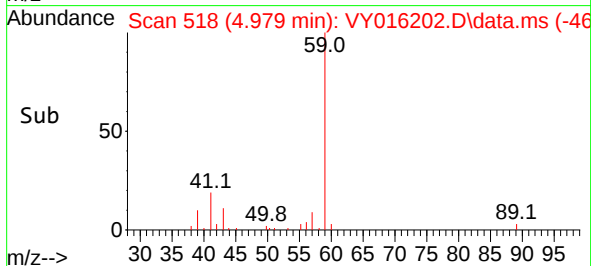
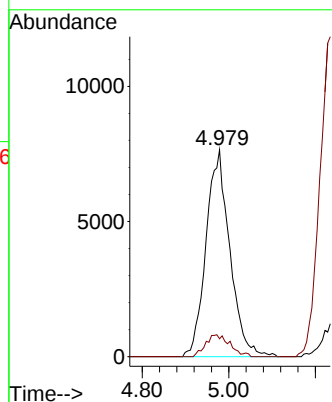
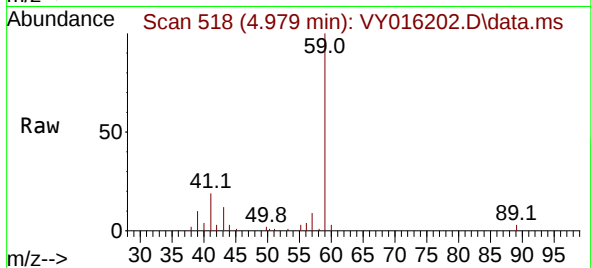
#11
Tert butyl alcohol
Concen: 248.967 ug/l
RT: 4.979 min Scan# 515
Delta R.T. 0.018 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 2917
Ion Ratio Lower Upper
59 100
57 10.8 3.0 4.4

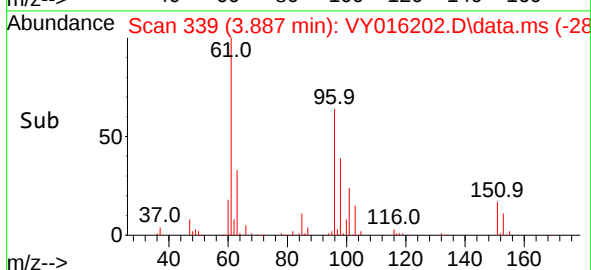
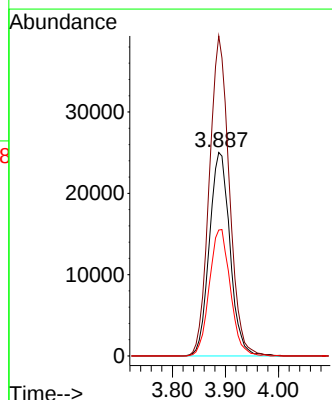
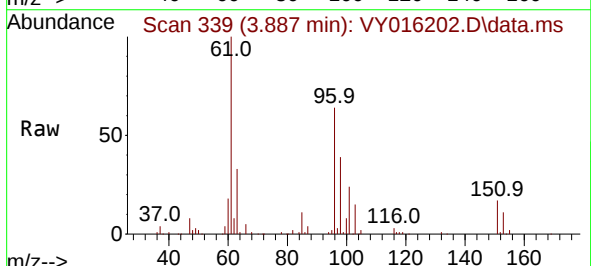
Manual Integrations
APPROVED

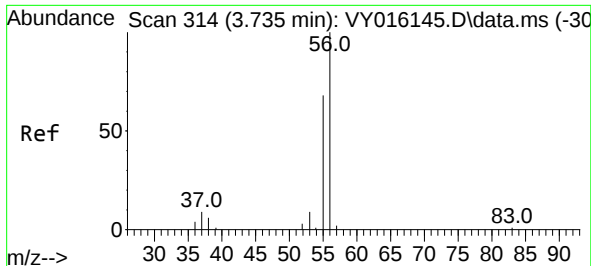
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#12
1,1-Dichloroethene
Concen: 51.031 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Tgt Ion: 96 Resp: 67678
Ion Ratio Lower Upper
96 100
61 157.2 136.4 204.6
98 61.8 49.4 74.2





#13

Acrolein

Concen: 282.965 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY016202.D

Acq: 03 Nov 2023 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 3034

Ion Ratio Lower Upper

56 100

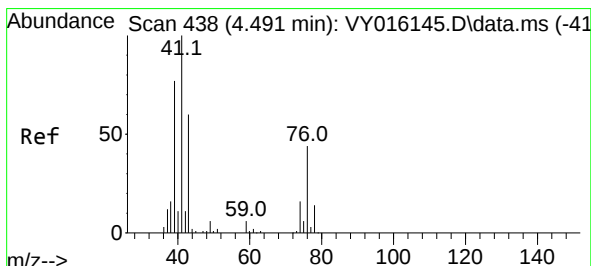
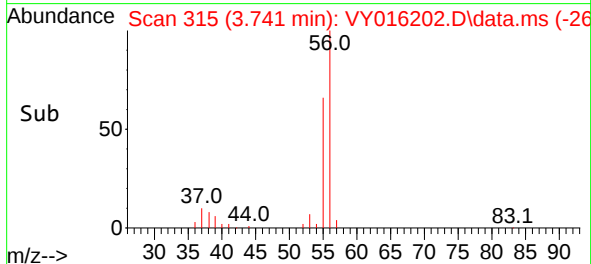
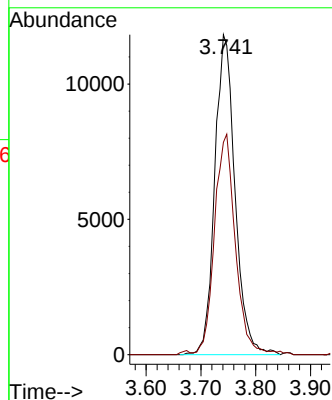
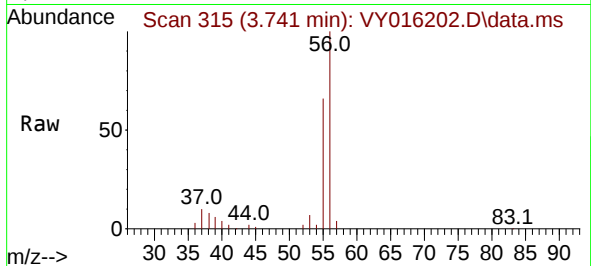
55 71.3 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#14

Allyl chloride

Concen: 56.879 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY016202.D

Acq: 03 Nov 2023 08:57

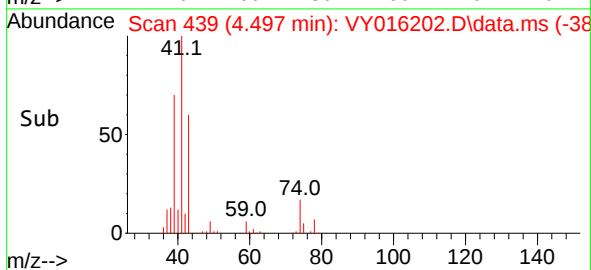
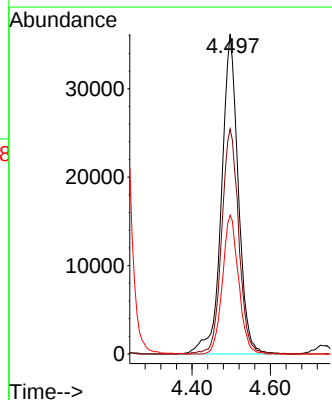
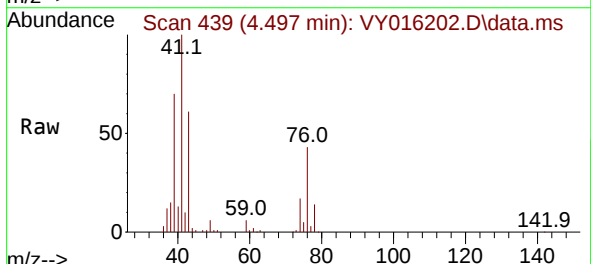
Tgt Ion: 41 Resp: 107897

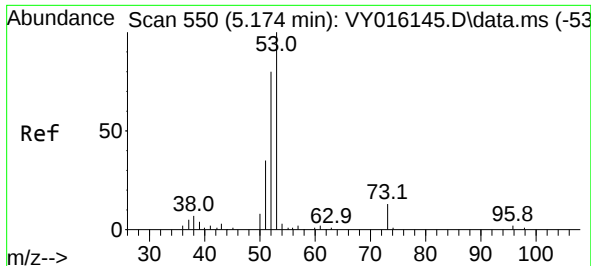
Ion Ratio Lower Upper

41 100

39 71.4 58.0 87.0

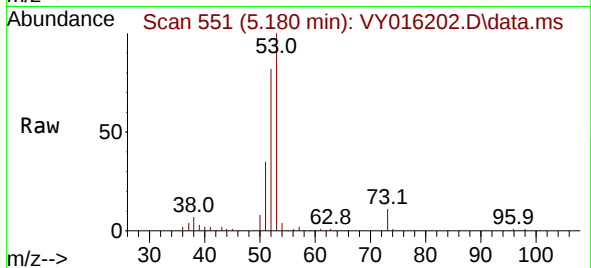
76 41.6 27.4 41.2#





#15
Acrylonitrile
Concen: 277.223 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

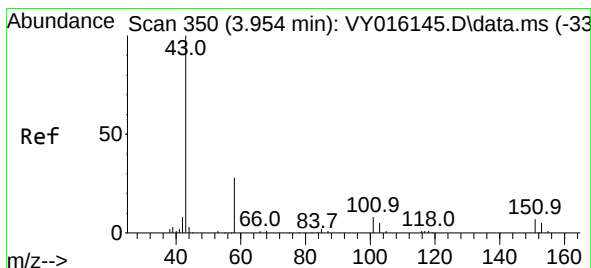
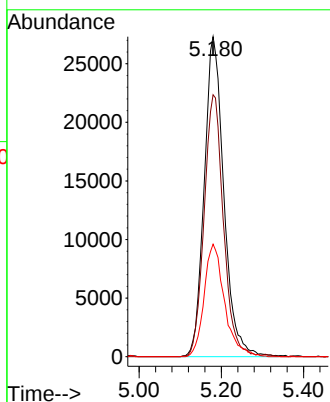
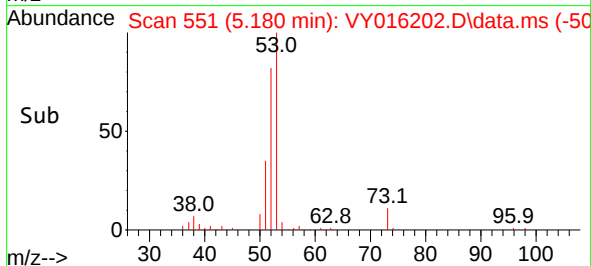
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



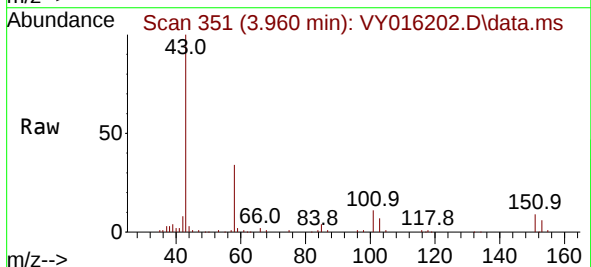
Tgt Ion: 53 Resp: 90550
Ion Ratio Lower Upper
53 100
52 80.5 66.9 100.3
51 36.6 29.8 44.6

Manual Integrations
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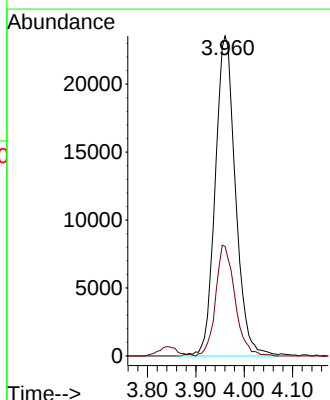
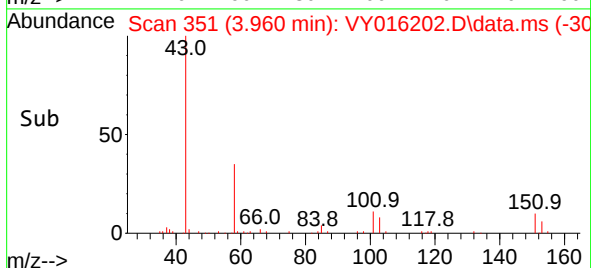
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

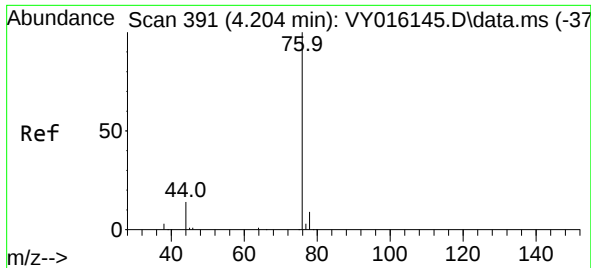


#16
Acetone
Concen: 275.504 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57



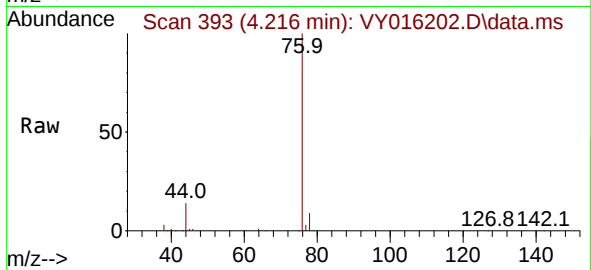
Tgt Ion: 43 Resp: 68485
Ion Ratio Lower Upper
43 100
58 34.2 22.7 34.1#





#17
Carbon Disulfide
Concen: 50.559 ug/l
RT: 4.216 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

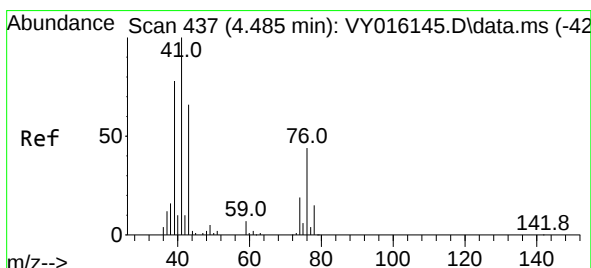
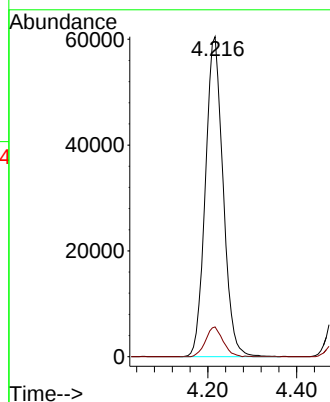
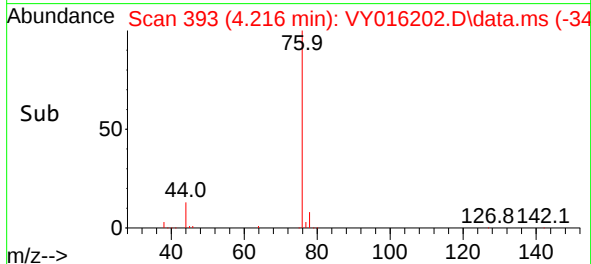
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 16740
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

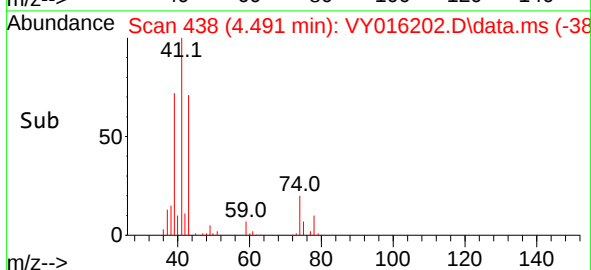
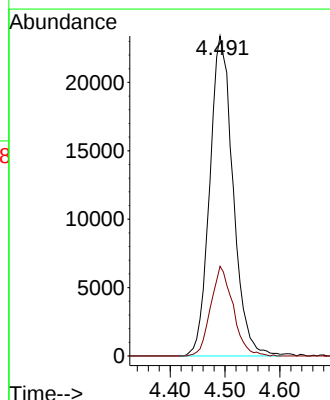
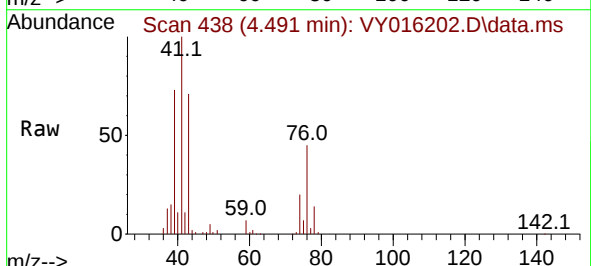
Manual Integrations
APPROVED

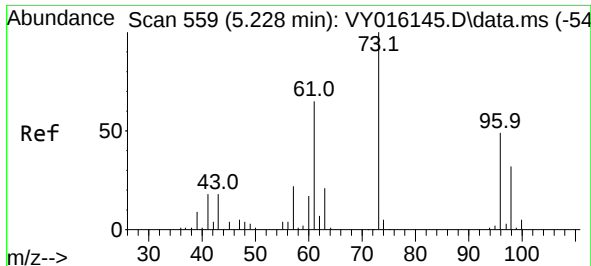
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#18
Methyl Acetate
Concen: 54.706 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Tgt Ion: 43 Resp: 68997
Ion Ratio Lower Upper
43 100
74 26.9 17.4 26.0#





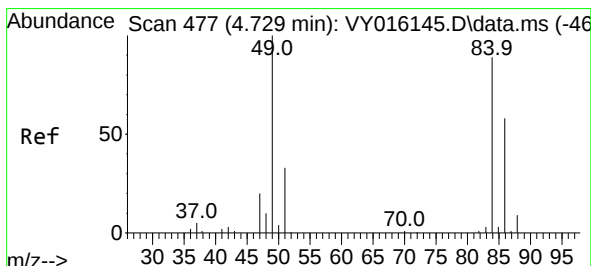
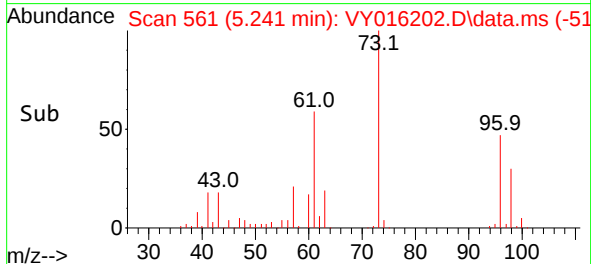
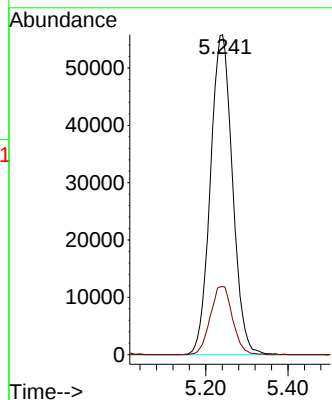
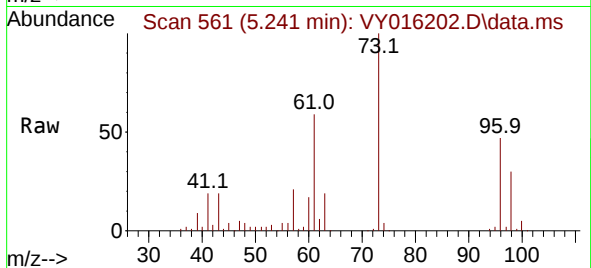
#19
Methyl tert-butyl Ether
Concen: 55.240 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 20838
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

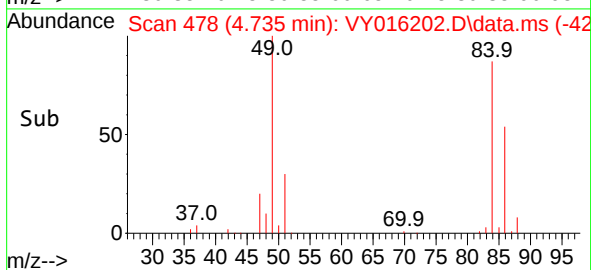
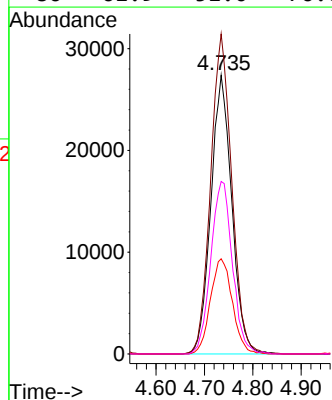
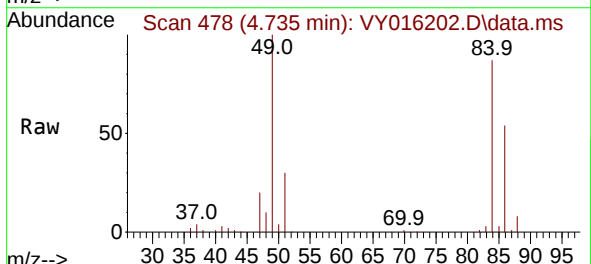
Manual Integrations
APPROVED

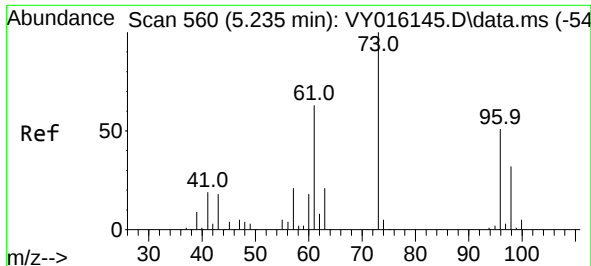
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#20
Methylene Chloride
Concen: 51.724 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

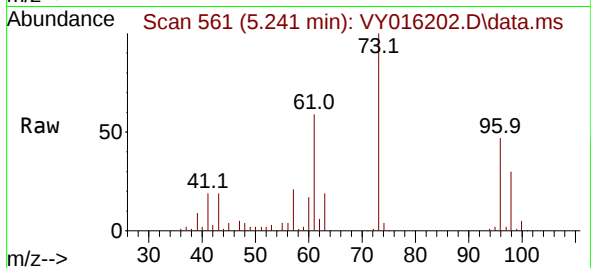
Tgt Ion: 84 Resp: 82339
Ion Ratio Lower Upper
84 100
49 114.8 106.9 160.3
51 34.2 33.2 49.8
86 61.9 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 52.182 ug/l
RT: 5.241 min Scan# 501
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

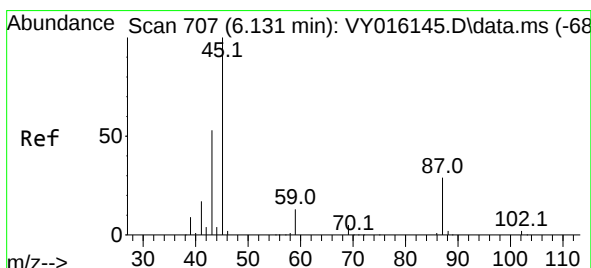
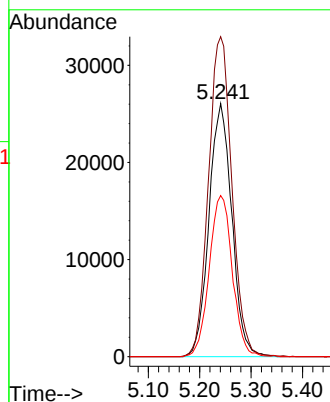
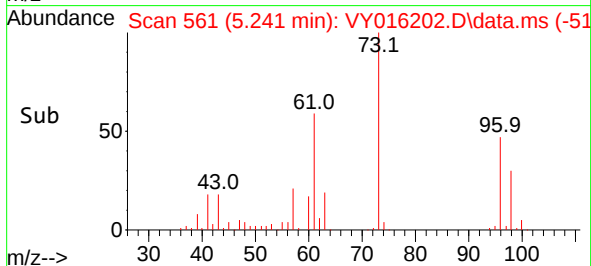
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



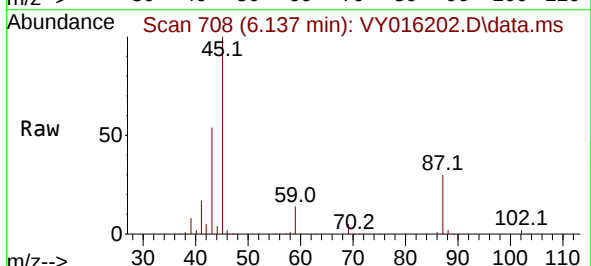
Tgt Ion: 96 Resp: 8061
Ion Ratio Lower Upper
96 100
61 126.4 110.2 165.4
98 63.6 51.8 77.6

Manual Integrations
APPROVED

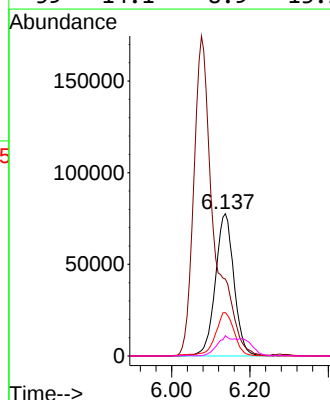
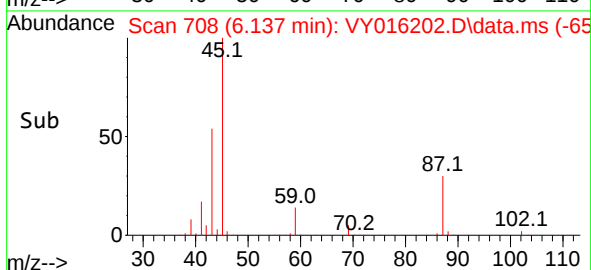
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

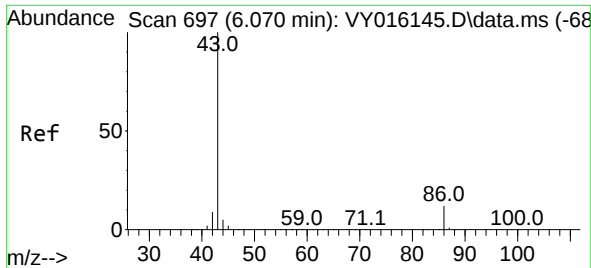


#22
Diisopropyl ether
Concen: 55.872 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57



Tgt Ion: 45 Resp: 256351
Ion Ratio Lower Upper
45 100
43 52.8 52.2 78.4
87 30.3 21.0 31.6
59 14.1 8.9 13.3#





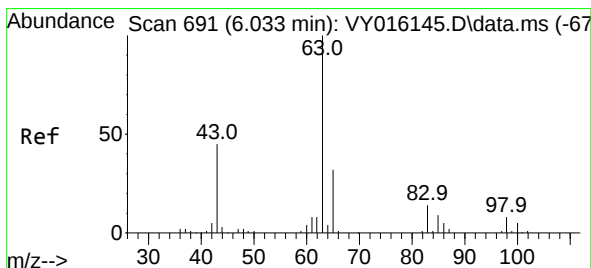
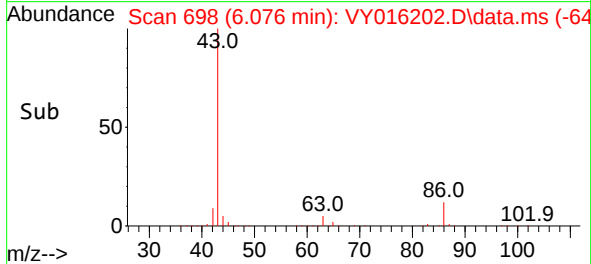
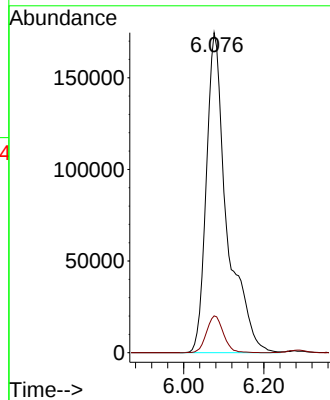
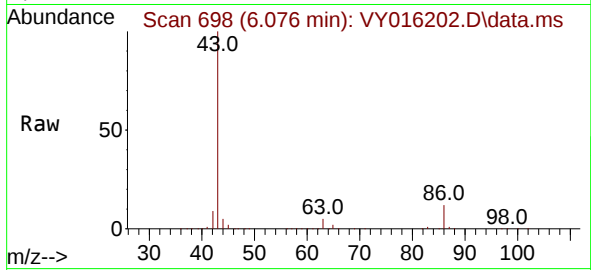
#23
 Vinyl Acetate
 Concen: 276.941 ug/l
 RT: 6.076 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY016202.D
 Acq: 03 Nov 2023 08:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 623872
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3

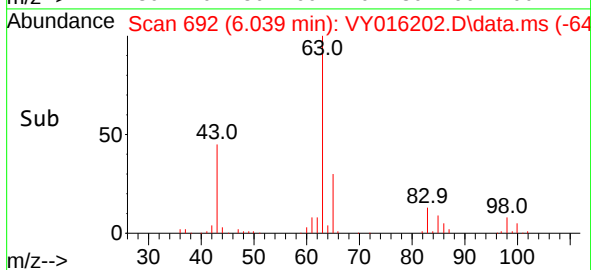
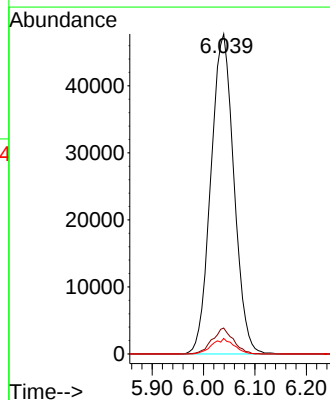
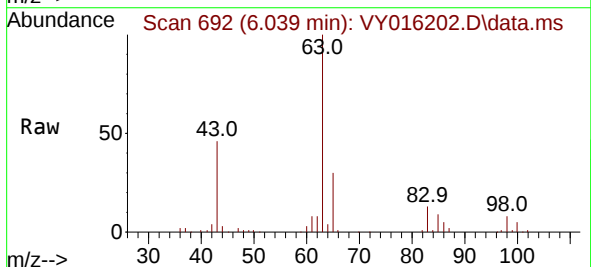
Manual Integrations
 APPROVED

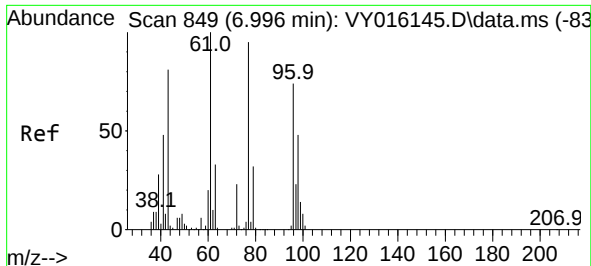
Reviewed By :John Carlone 11/06/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#24
 1,1-Dichloroethane
 Concen: 54.121 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016202.D
 Acq: 03 Nov 2023 08:57

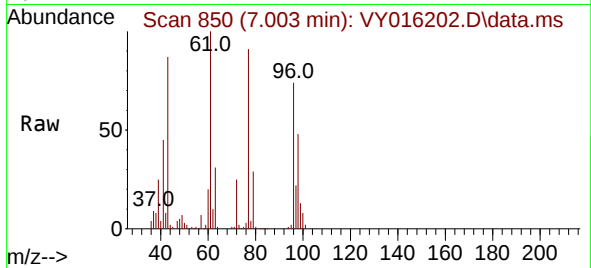
Tgt Ion: 63 Resp: 148616
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.1 9.4
 100 4.8 1.8 5.5





#25
2-Butanone
Concen: 270.451 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

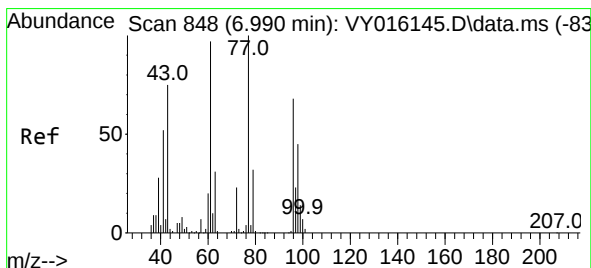
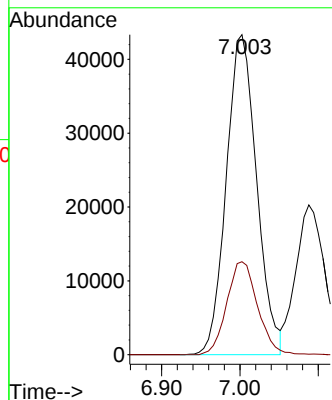
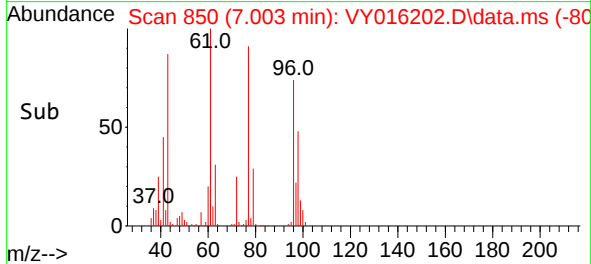
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 117019
Ion Ratio Lower Upper
43 100
72 29.1 20.5 30.7

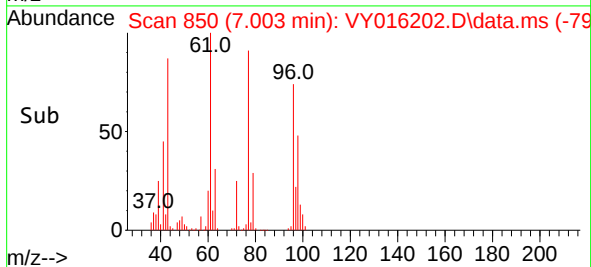
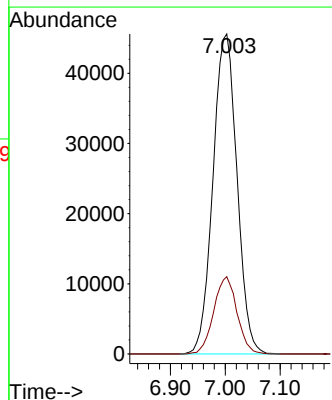
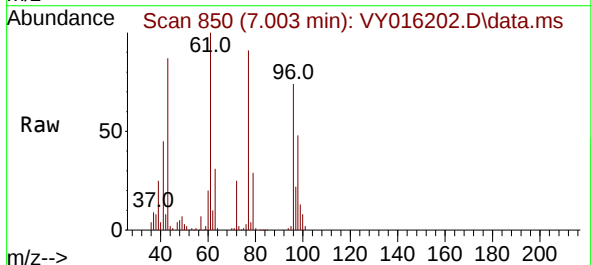
Manual Integrations
APPROVED

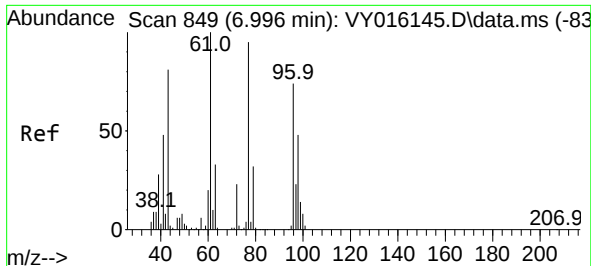
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#26
2,2-Dichloropropane
Concen: 53.463 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Tgt Ion: 77 Resp: 138780
Ion Ratio Lower Upper
77 100
97 23.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 54.354 ug/l

RT: 7.003 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY016202.D

Acq: 03 Nov 2023 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

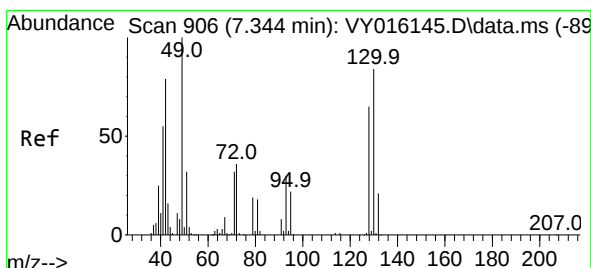
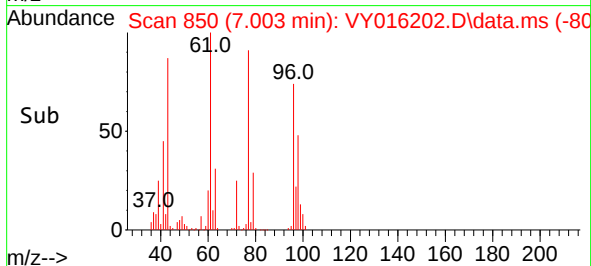
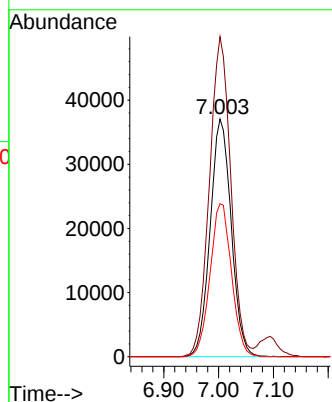
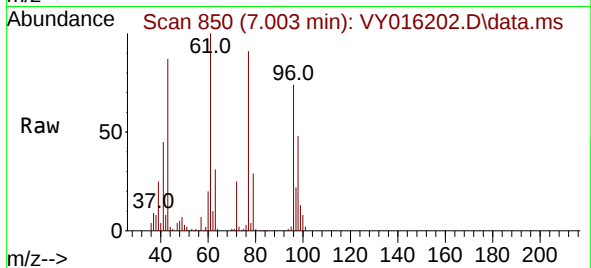
Tgt Ion:	96	Resp:	98814
Ion	Ratio	Lower	Upper
96	100		
61	136.8	0.0	301.4
98	65.5	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#28

Bromochloromethane

Concen: 60.630 ug/l

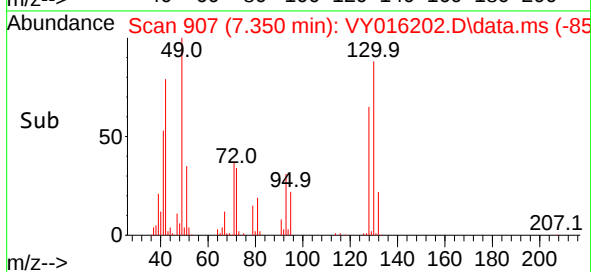
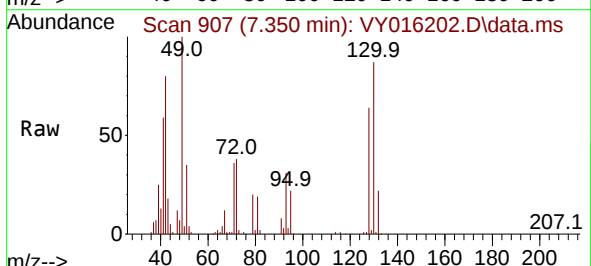
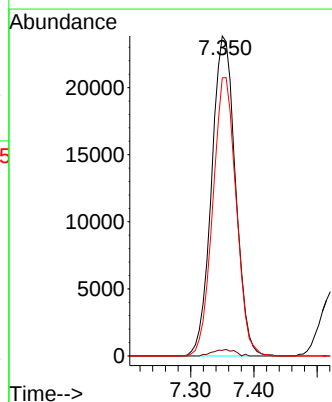
RT: 7.350 min Scan# 907

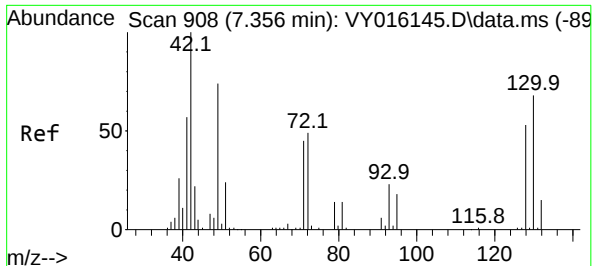
Delta R.T. 0.006 min

Lab File: VY016202.D

Acq: 03 Nov 2023 08:57

Tgt Ion:	49	Resp:	62301
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	85.4	60.7	91.1





#29

Tetrahydrofuran

Concen: 273.971 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY016202.D

Acq: 03 Nov 2023 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 74309

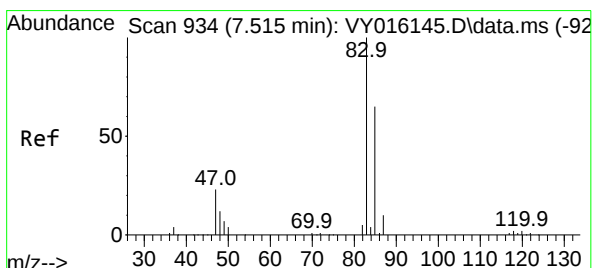
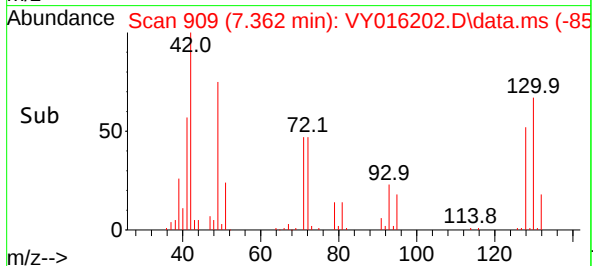
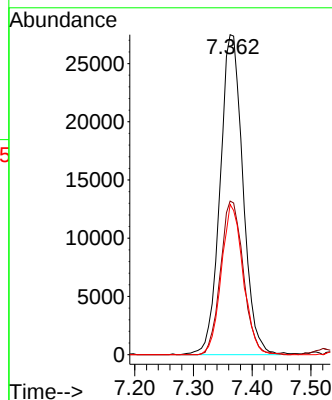
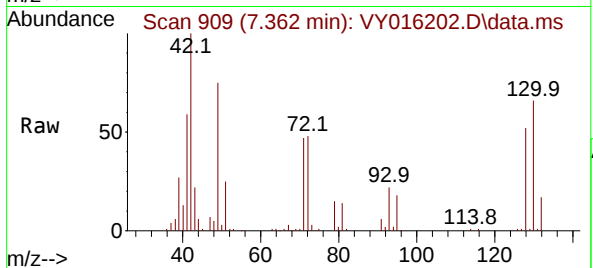
Ion	Ratio	Lower	Upper
42	100		
72	47.8	32.8	49.2
71	44.9	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#30

Chloroform

Concen: 53.478 ug/l

RT: 7.527 min Scan# 936

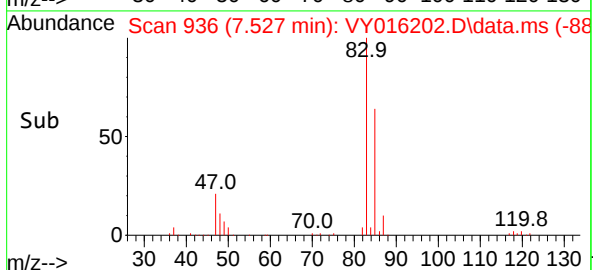
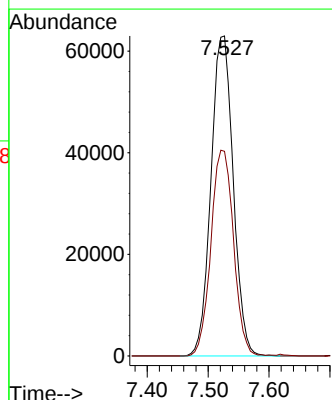
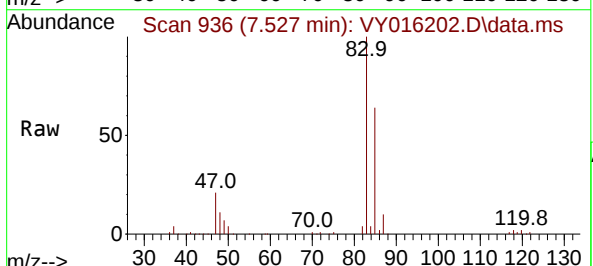
Delta R.T. 0.012 min

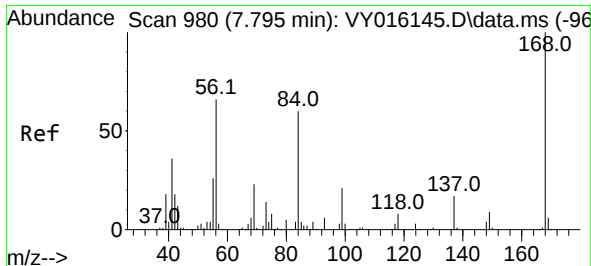
Lab File: VY016202.D

Acq: 03 Nov 2023 08:57

Tgt Ion: 83 Resp: 159877

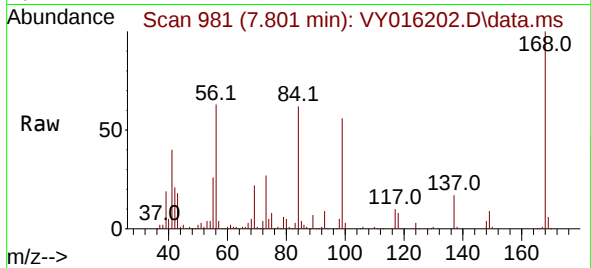
Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.7	74.5





#31
Cyclohexane
Concen: 47.727 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

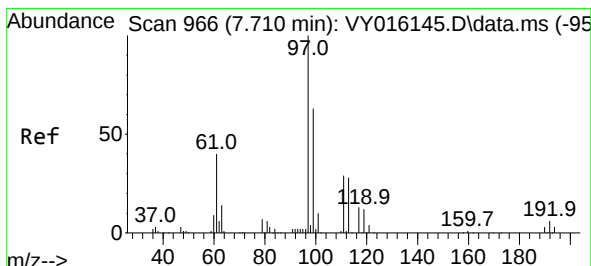
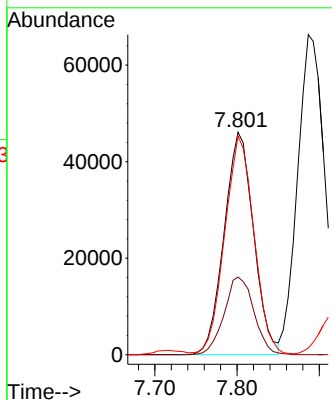
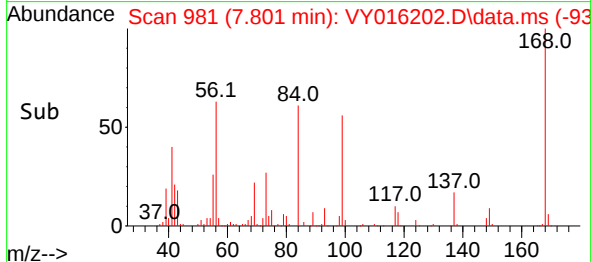
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



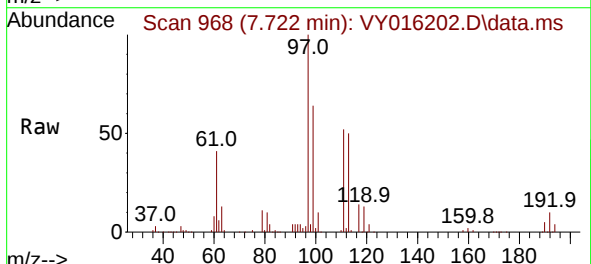
Tgt Ion: 56 Resp: 115064
Ion Ratio Lower Upper
56 100
69 34.9 27.8 41.6
84 96.8 66.4 99.6

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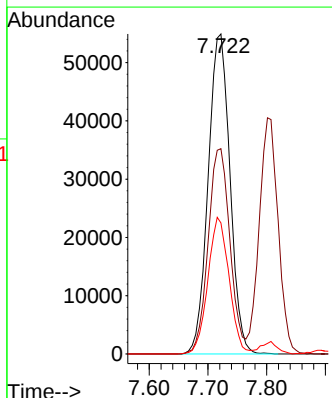
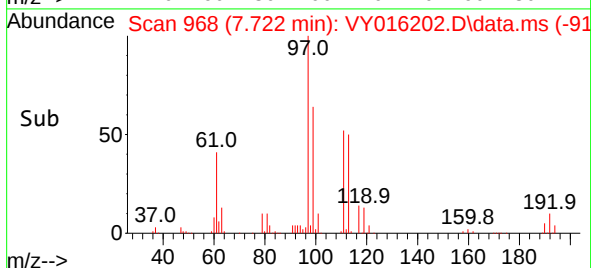
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

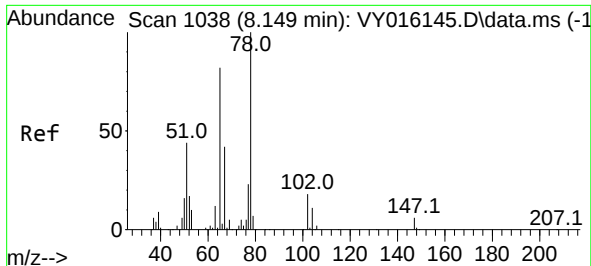


#32
1,1,1-Trichloroethane
Concen: 51.667 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57



Tgt Ion: 97 Resp: 141656
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 41.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 56.788 ug/l

RT: 8.155 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY016202.D

Acq: 03 Nov 2023 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8906

Ion Ratio Lower Upper

65 100

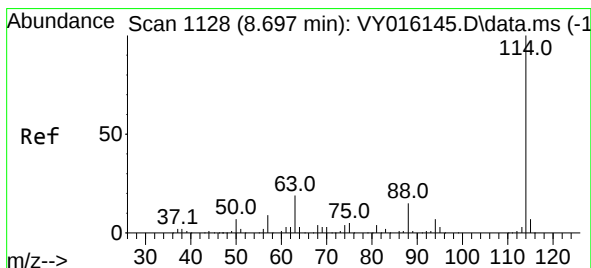
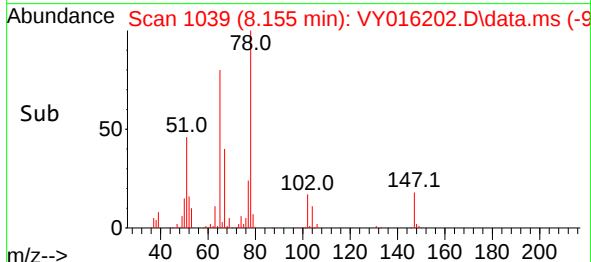
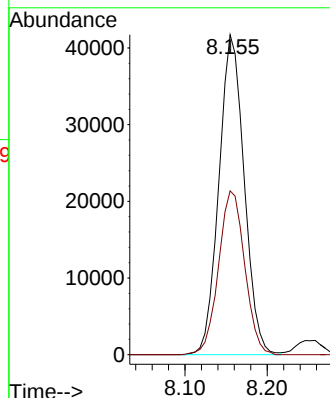
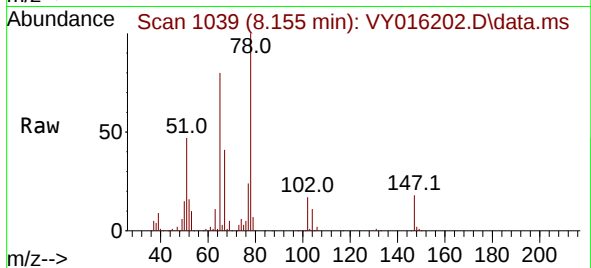
67 53.0 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016202.D

Acq: 03 Nov 2023 08:57

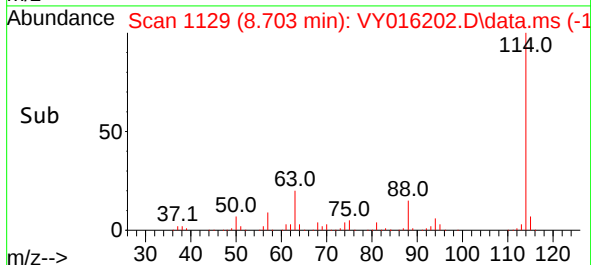
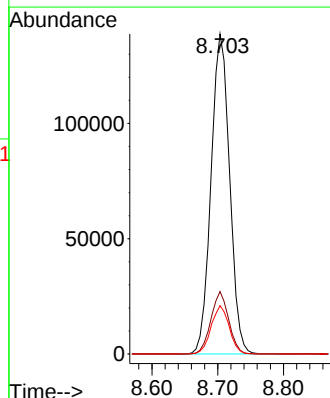
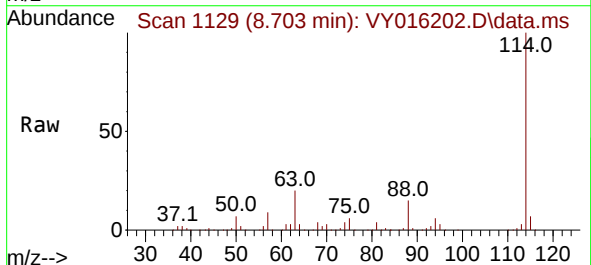
Tgt Ion:114 Resp: 272660

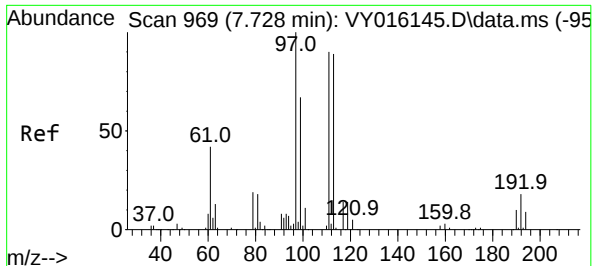
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

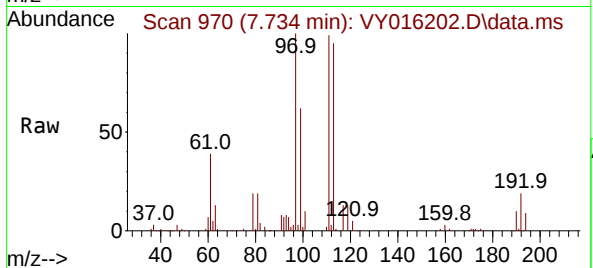
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.106 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

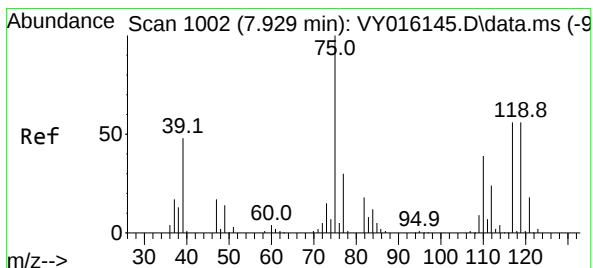
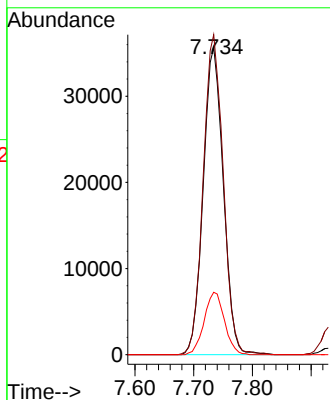
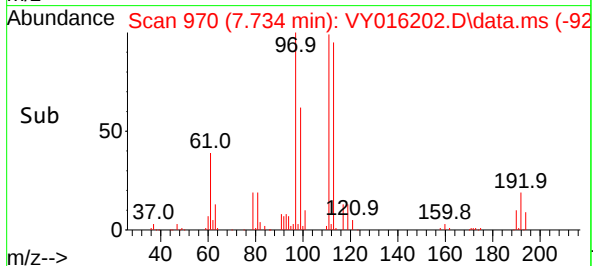
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



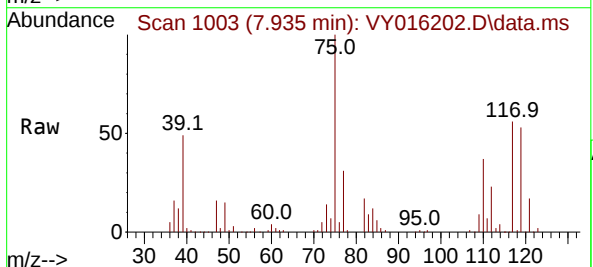
Tgt Ion:113 Resp: 84700
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 20.5 16.9 25.3

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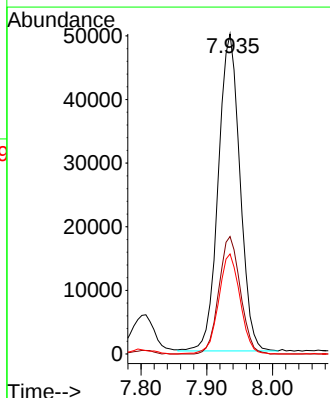
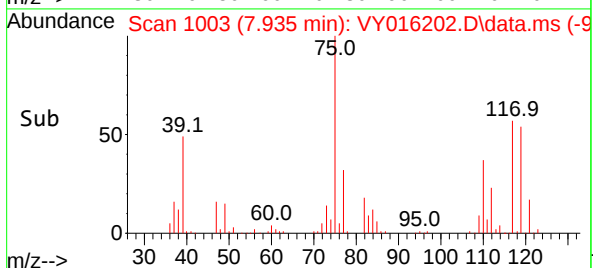
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

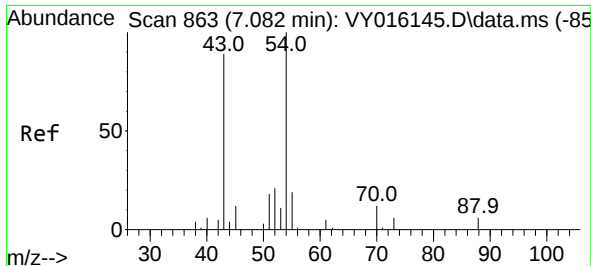


#36
1,1-Dichloropropene
Concen: 48.710 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57



Tgt Ion: 75 Resp: 114333
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 31.2 24.4 36.6





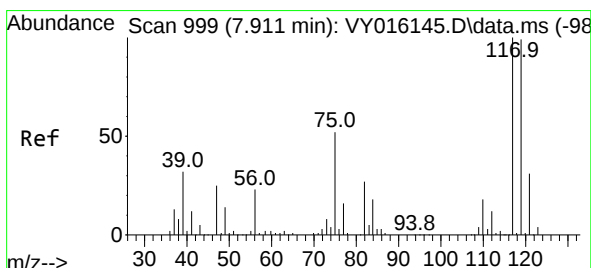
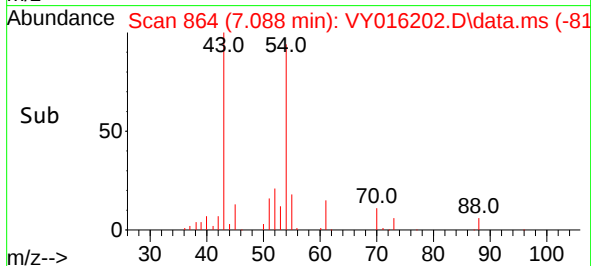
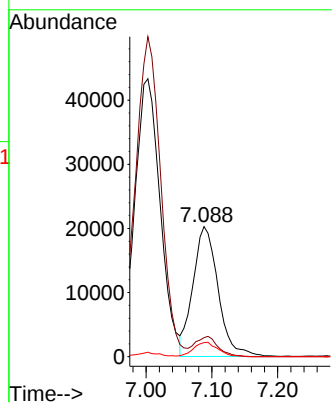
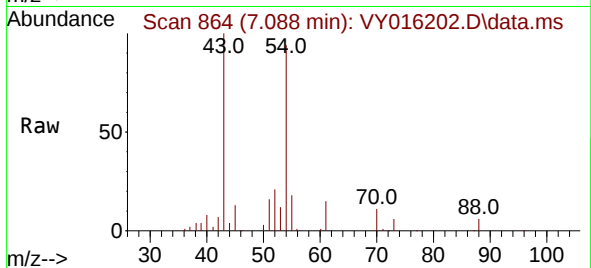
#37
Ethyl Acetate
Concen: 51.420 ug/l
RT: 7.088 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 5375
Ion Ratio Lower Upper
43 100
61 14.1 10.1 15.1
70 10.8 7.1 10.7

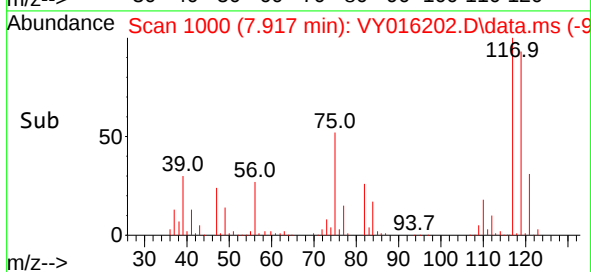
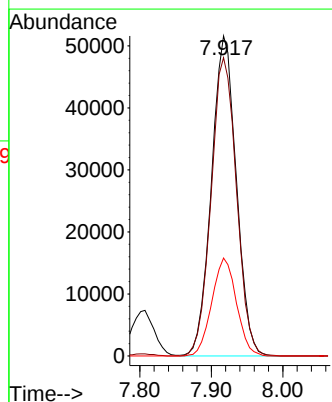
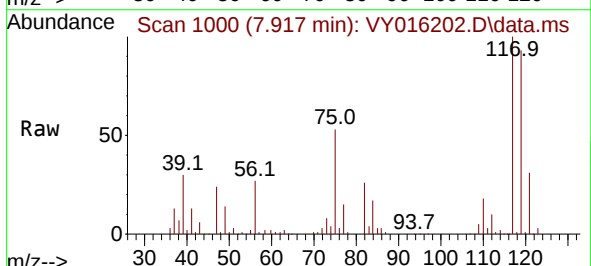
Manual Integrations
APPROVED

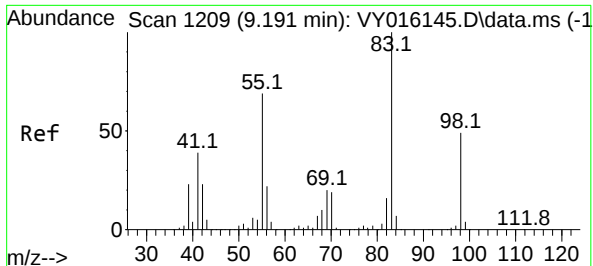
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#38
Carbon Tetrachloride
Concen: 53.581 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Tgt Ion:117 Resp: 124601
Ion Ratio Lower Upper
117 100
119 93.2 76.4 114.6
121 30.6 25.8 38.6





#39

Methylcyclohexane

Concen: 48.519 ug/l

RT: 9.197 min Scan# 1209

Delta R.T. 0.006 min

Lab File: VY016202.D

Acq: 03 Nov 2023 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 135940

Ion Ratio Lower Upper

83 100

55 72.4 63.0 94.4

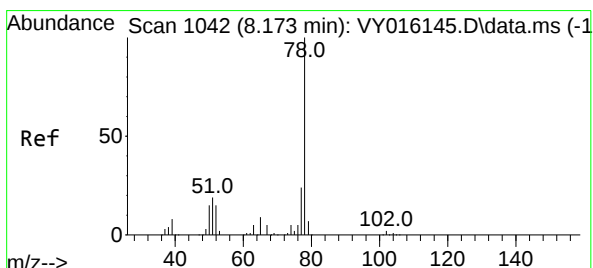
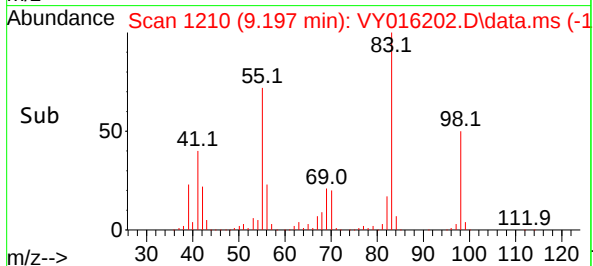
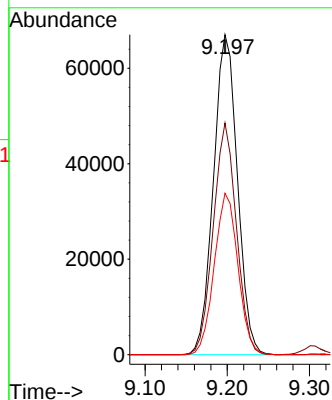
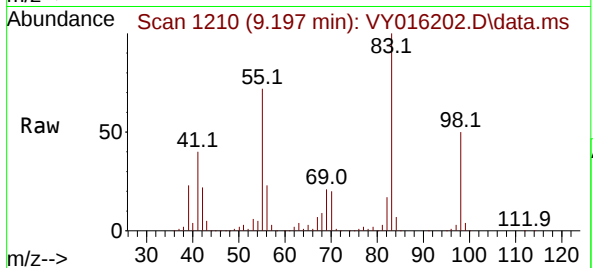
98 50.5 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#40

Benzene

Concen: 50.616 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016202.D

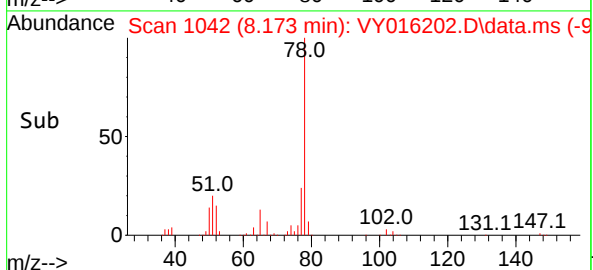
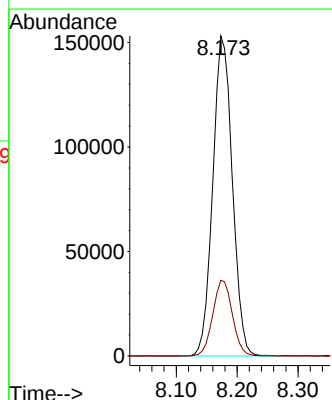
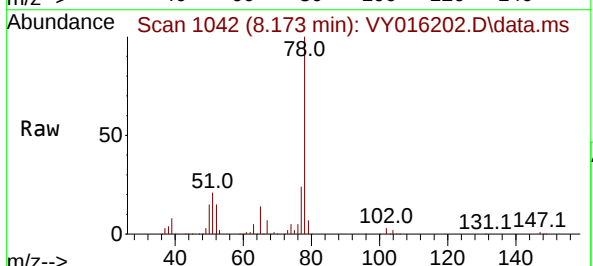
Acq: 03 Nov 2023 08:57

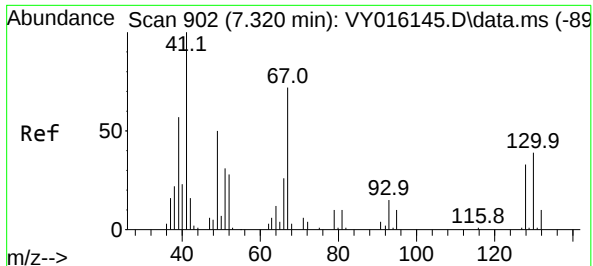
Tgt Ion: 78 Resp: 341084

Ion Ratio Lower Upper

78 100

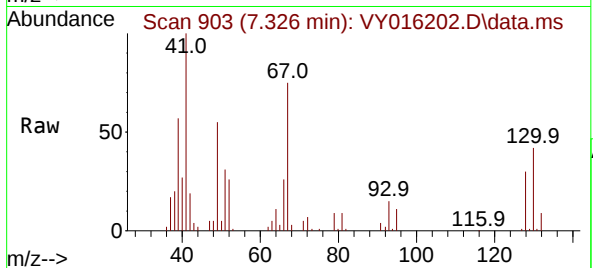
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 49.148 ug/l m
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

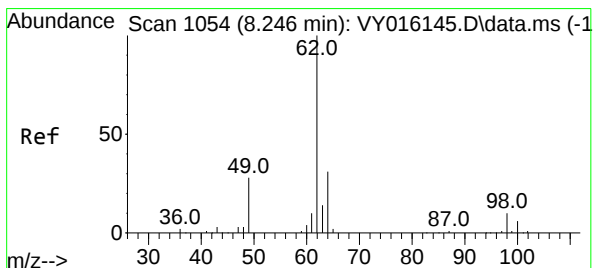
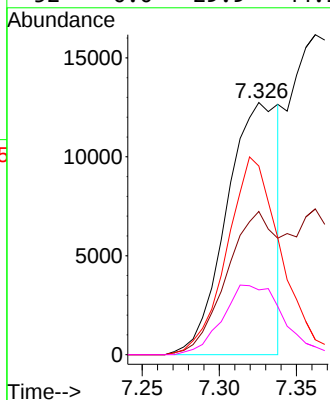
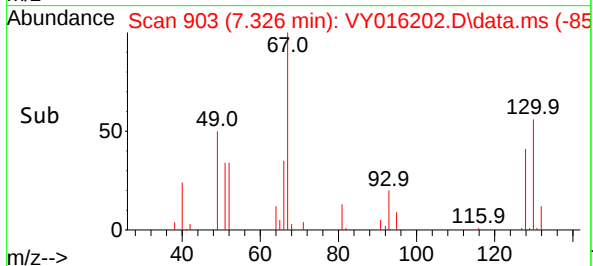
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 2982
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

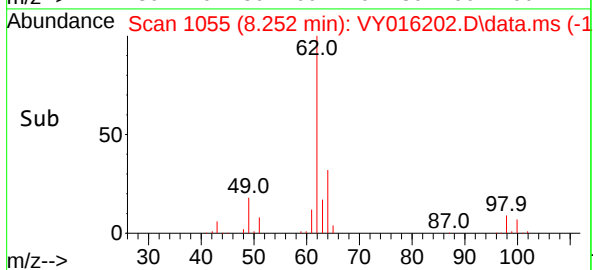
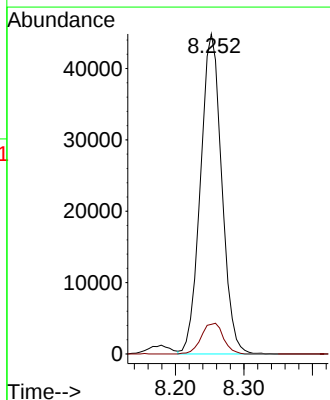
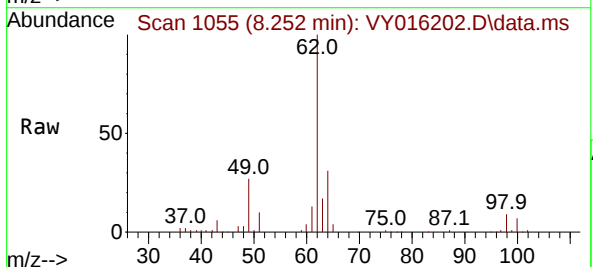
Manual Integrations
APPROVED

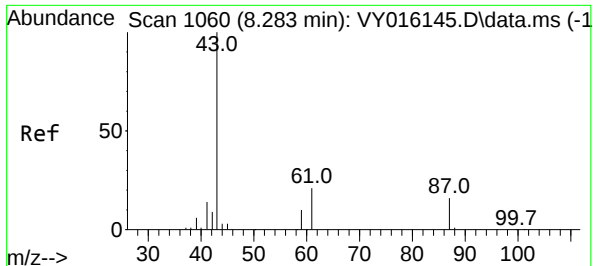
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#42
1,2-Dichloroethane
Concen: 51.551 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

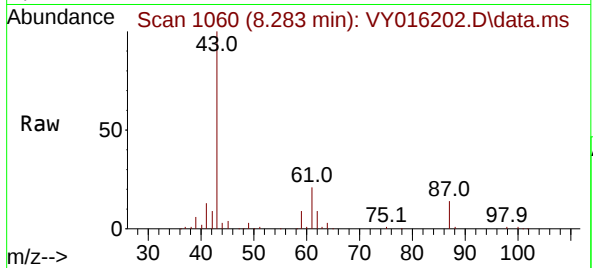
Tgt Ion: 62 Resp: 96944
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 53.631 ug/l
RT: 8.283 min Scan# 110908
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

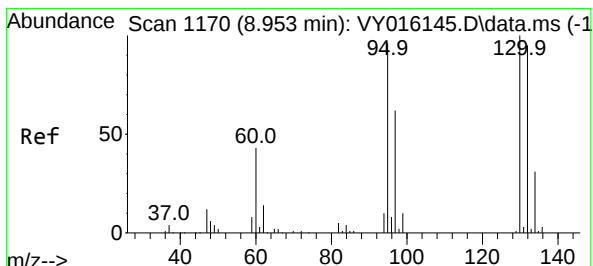
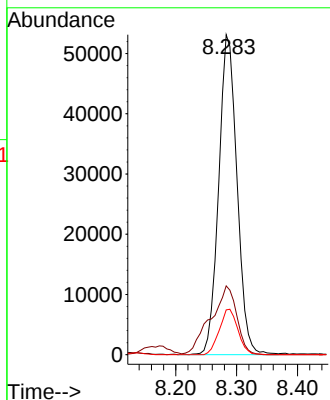
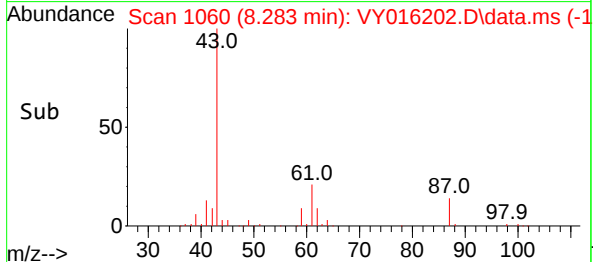
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



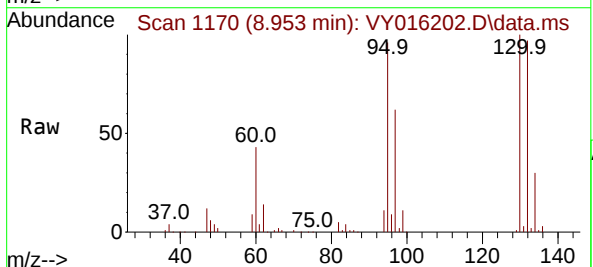
Tgt Ion: 43 Resp: 110908
Ion Ratio Lower Upper
43 100
61 30.5 21.1 31.7
87 14.4 9.8 14.8

Manual Integrations
APPROVED

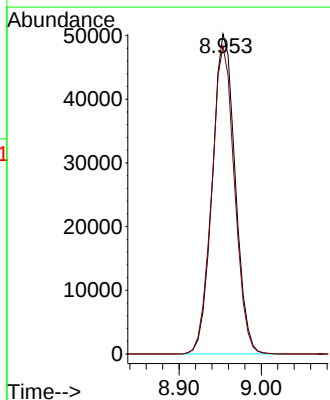
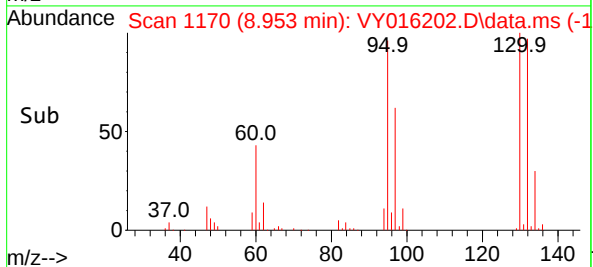
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

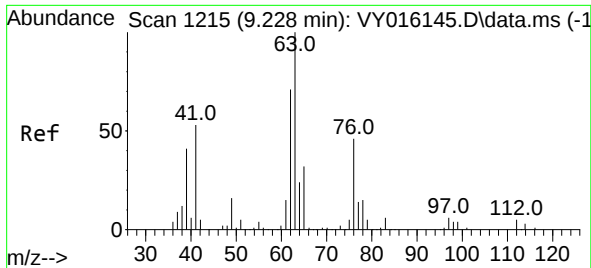


#44
Trichloroethene
Concen: 49.074 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57



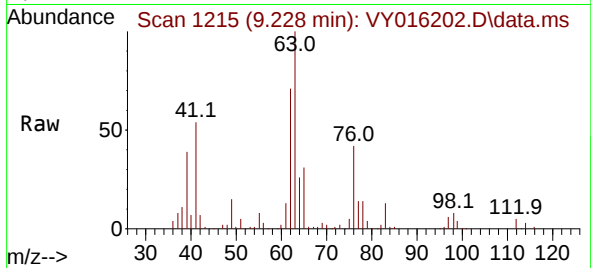
Tgt Ion:130 Resp: 96775
Ion Ratio Lower Upper
130 100
95 96.3 0.0 196.0





#45
1,2-Dichloropropane
Concen: 53.396 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

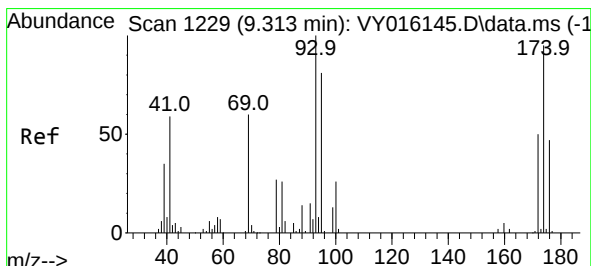
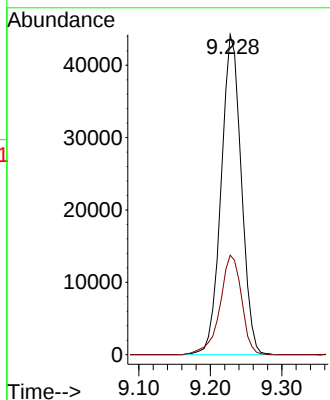
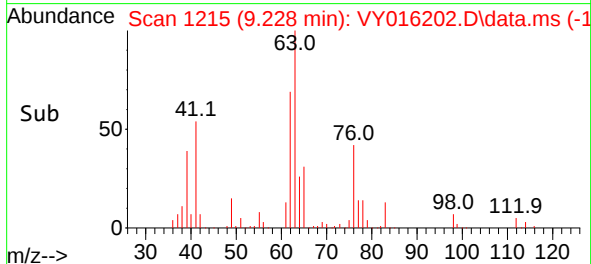
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



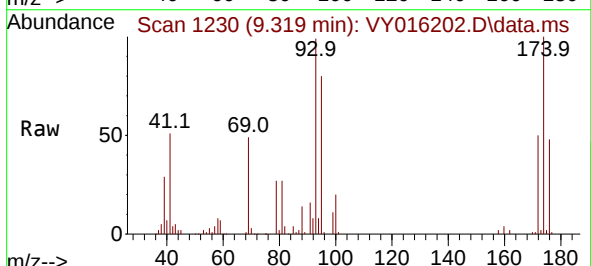
Tgt Ion: 63 Resp: 8655
Ion Ratio Lower Upper
63 100
65 31.1 23.8 35.6

Manual Integrations
APPROVED

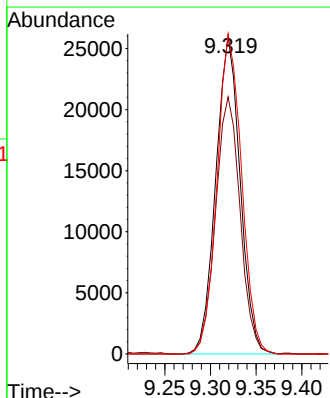
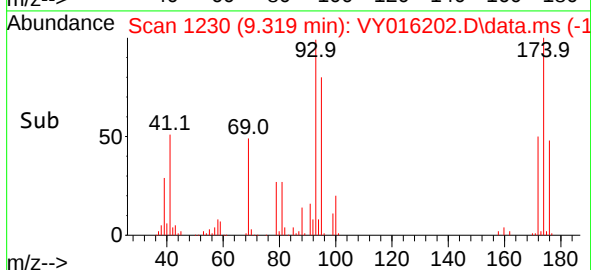
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

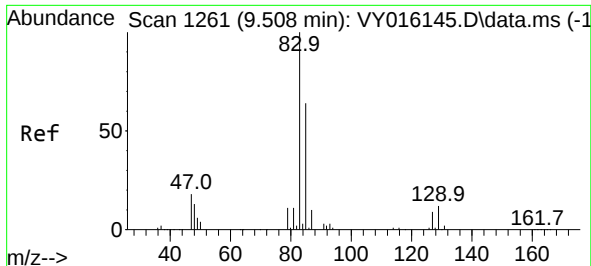


#46
Dibromomethane
Concen: 52.342 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57



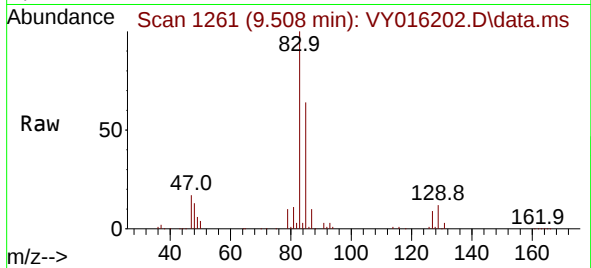
Tgt Ion: 93 Resp: 48133
Ion Ratio Lower Upper
93 100
95 81.8 66.6 100.0
174 101.8 84.8 127.2





#47
Bromodichloromethane
Concen: 53.208 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

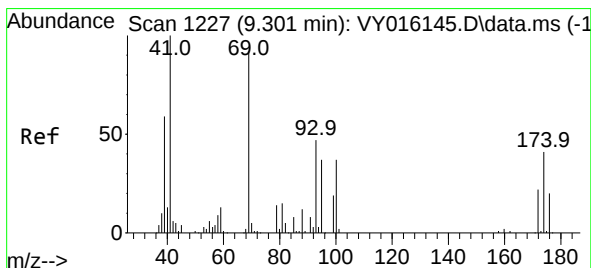
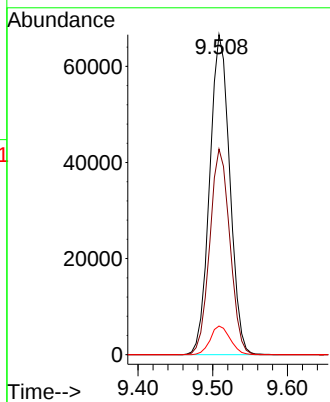
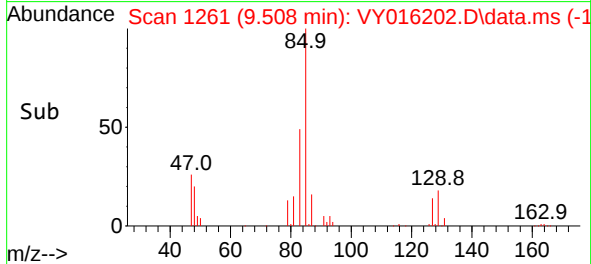
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



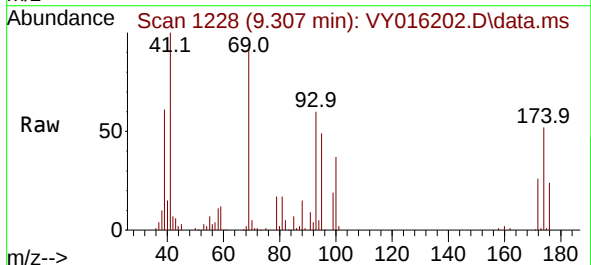
Tgt Ion: 83 Resp: 124318
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 8.9 7.1 10.7

Manual Integrations
APPROVED

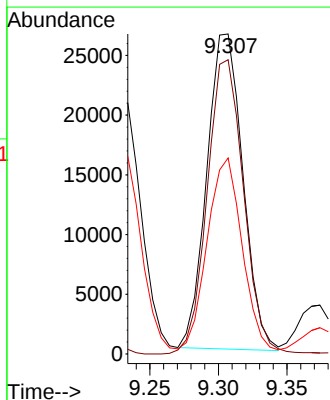
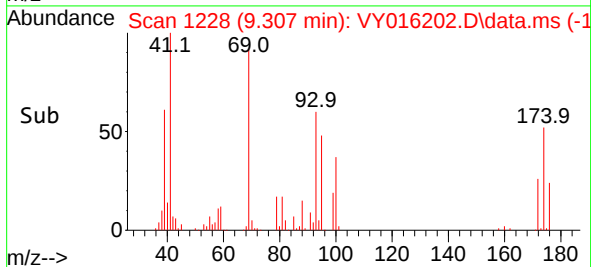
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

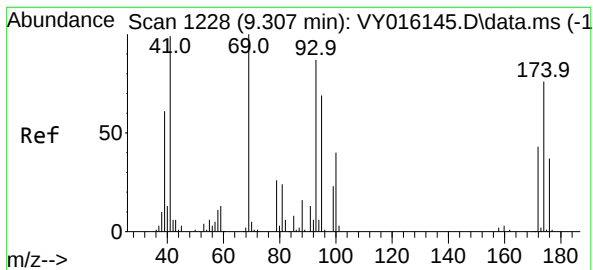


#48
Methyl methacrylate
Concen: 51.312 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57



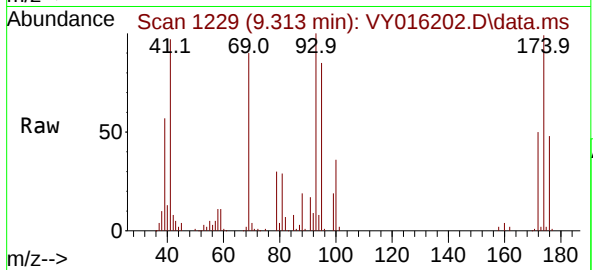
Tgt Ion: 41 Resp: 48252
Ion Ratio Lower Upper
41 100
69 94.8 64.5 96.7
39 61.3 50.8 76.2





#49
1,4-Dioxane
Concen: 931.236 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

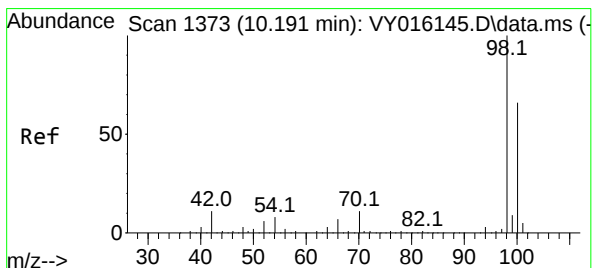
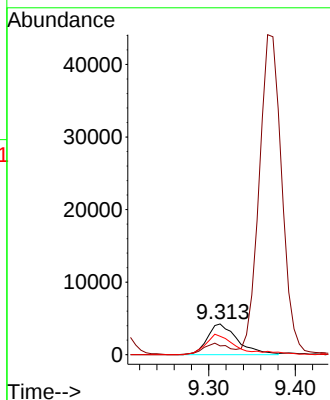
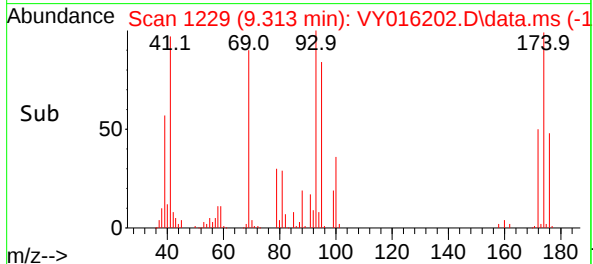
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 10275
Ion Ratio Lower Upper
88 100
43 31.3 0.0 0.0
58 68.6 30.9 46.3

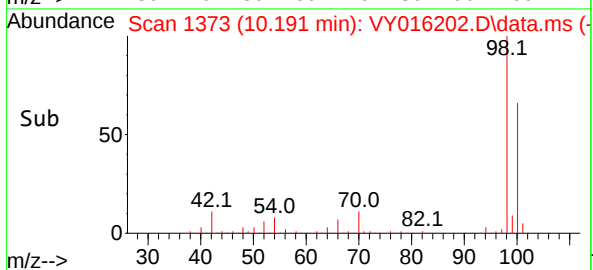
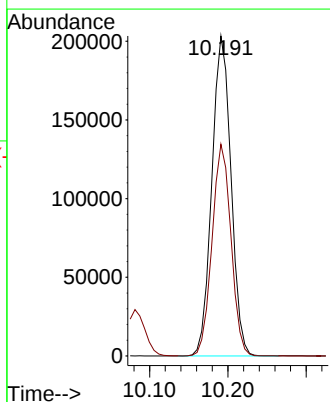
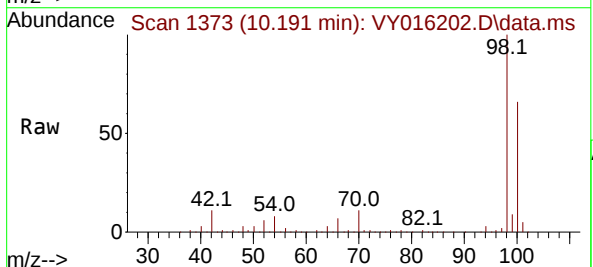
Manual Integrations
APPROVED

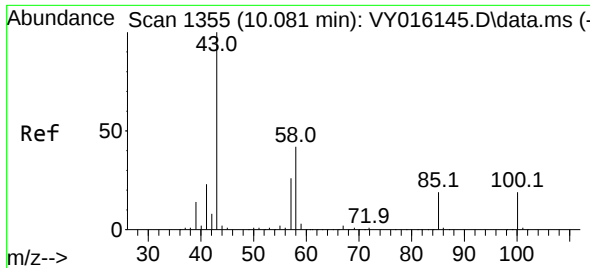
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#50
Toluene-d8
Concen: 53.572 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Tgt Ion: 98 Resp: 345264
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1





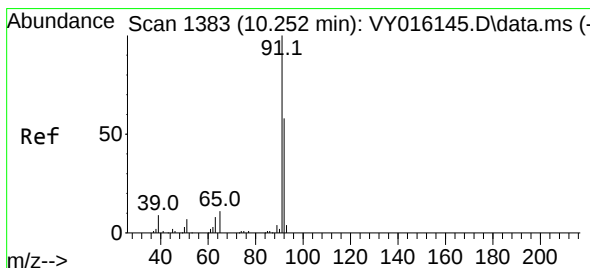
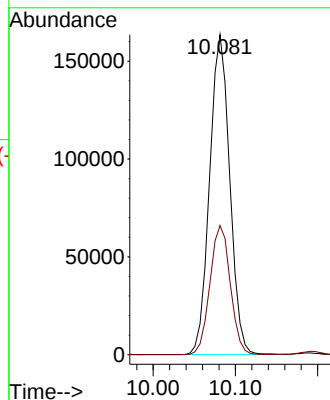
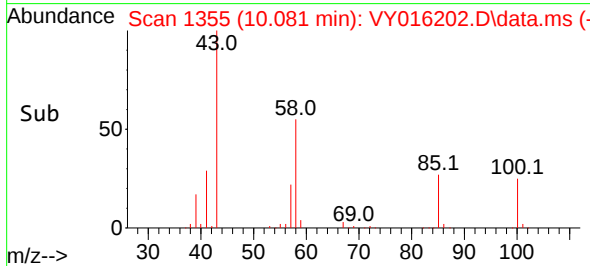
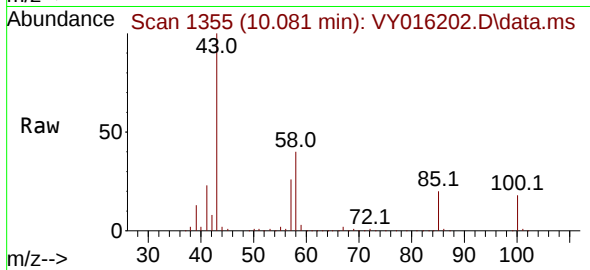
#51
4-Methyl-2-Pentanone
Concen: 269.493 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 278075
Ion Ratio Lower Upper
43 100
58 40.8 29.0 43.6

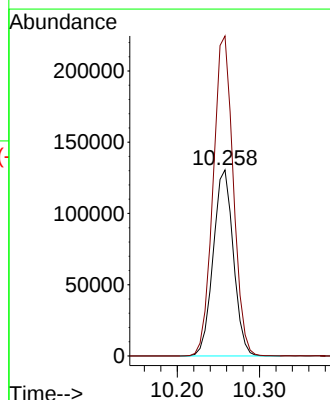
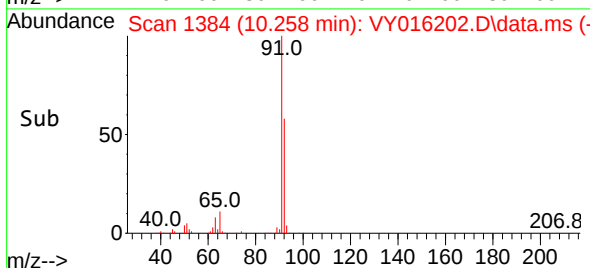
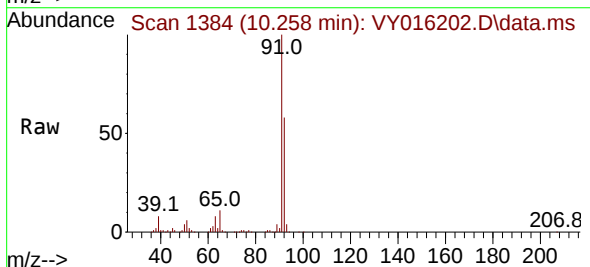
Manual Integrations
APPROVED

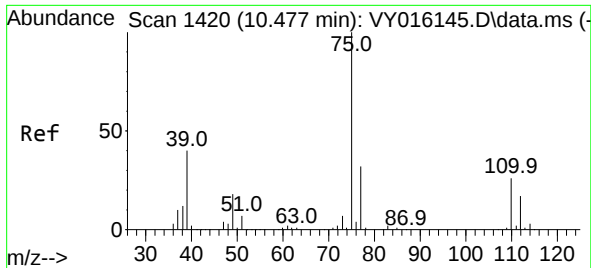
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#52
Toluene
Concen: 50.809 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

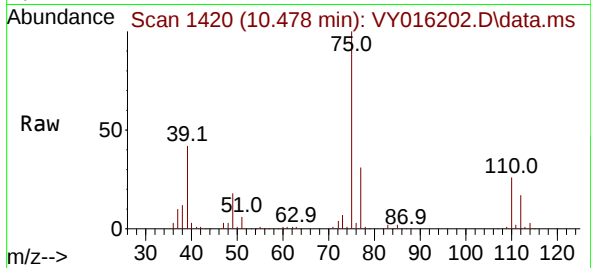
Tgt Ion: 92 Resp: 221866
Ion Ratio Lower Upper
92 100
91 172.3 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 53.195 ug/l
RT: 10.478 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

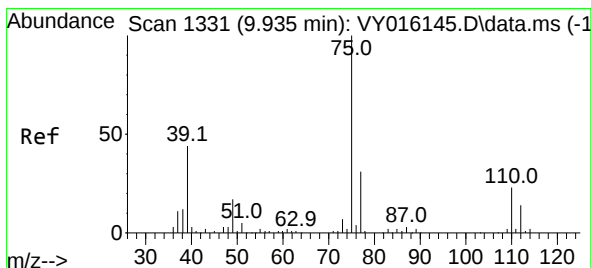
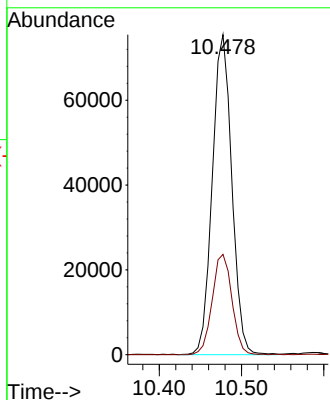
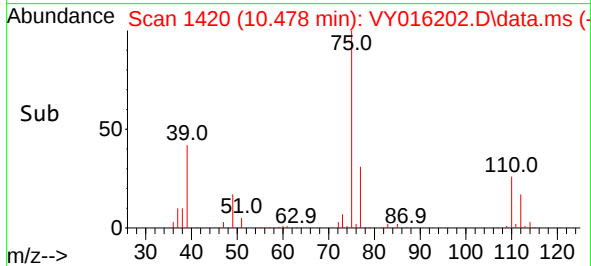
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 124074
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4

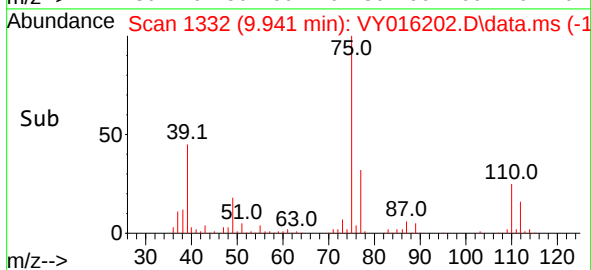
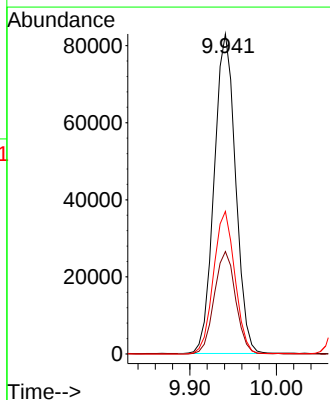
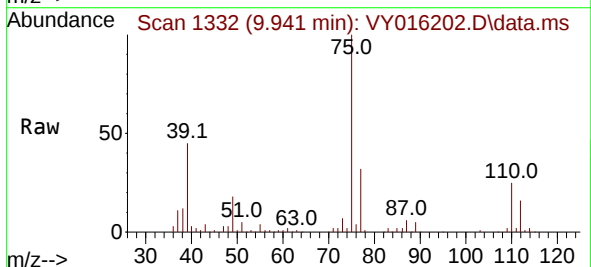
Manual Integrations
APPROVED

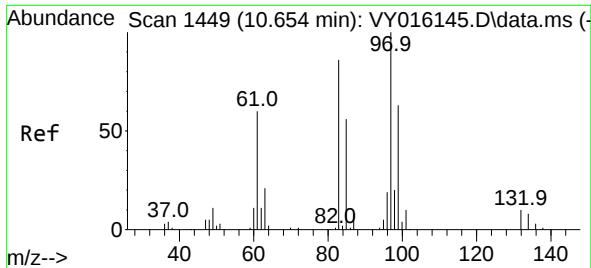
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#54
cis-1,3-Dichloropropene
Concen: 51.905 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

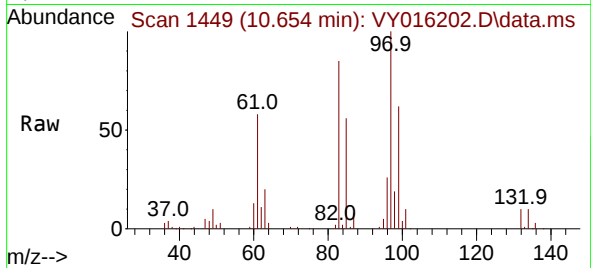
Tgt Ion: 75 Resp: 142058
Ion Ratio Lower Upper
75 100
77 32.0 24.2 36.4
39 44.6 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 51.846 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

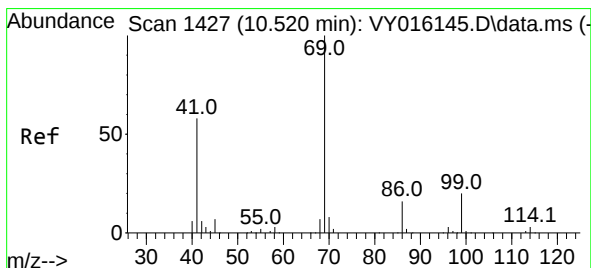
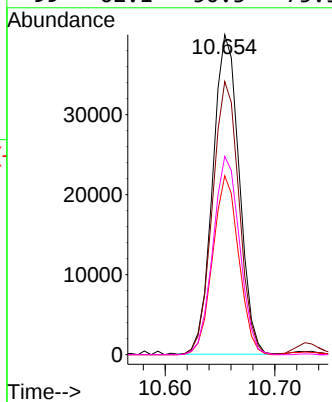
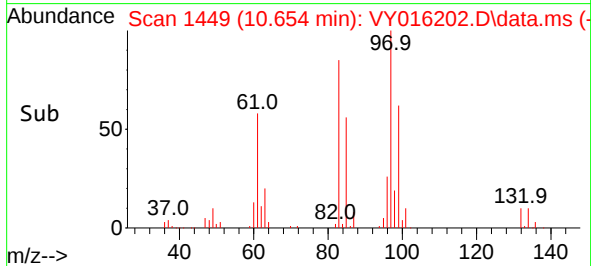
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



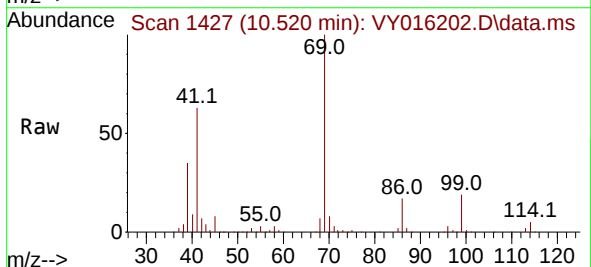
Tgt Ion: 97 Resp: 67065
Ion Ratio Lower Upper
97 100
83 85.5 72.0 108.0
85 56.0 45.4 68.0
99 62.1 50.3 75.5

Manual Integrations
APPROVED

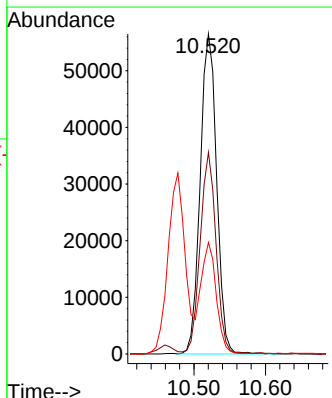
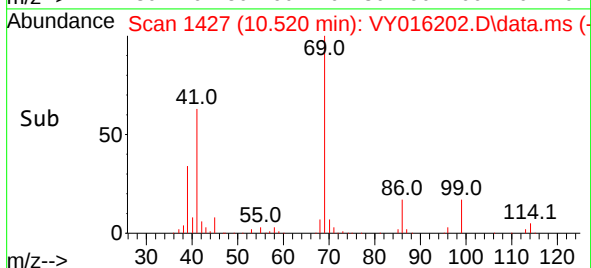
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

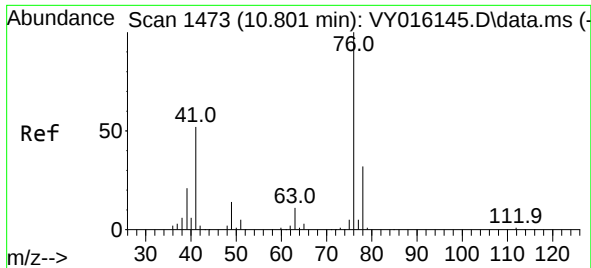


#56
Ethyl methacrylate
Concen: 53.730 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57



Tgt Ion: 69 Resp: 90261
Ion Ratio Lower Upper
69 100
41 60.5 57.6 86.4
39 32.2 34.1 51.1#





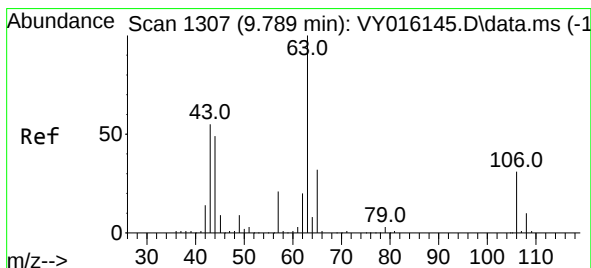
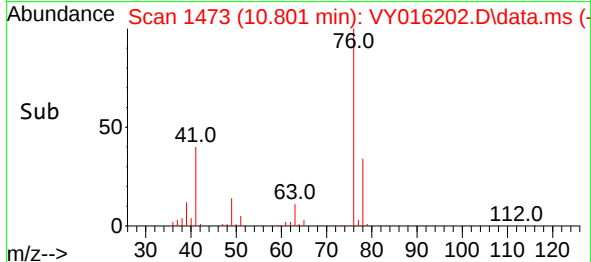
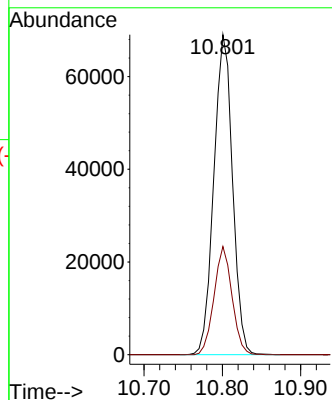
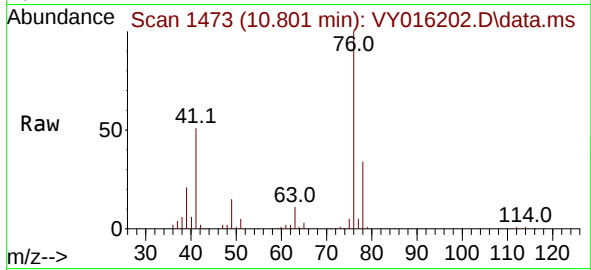
#57
1,3-Dichloropropane
Concen: 51.942 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 11438
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9

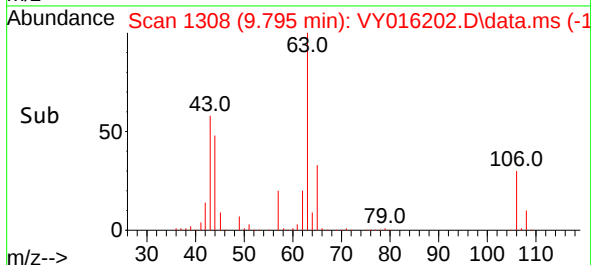
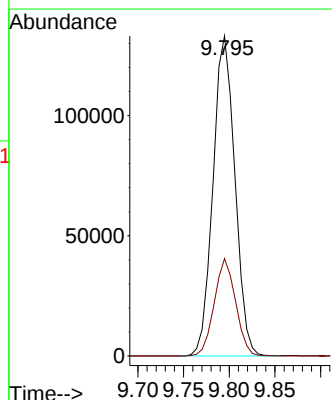
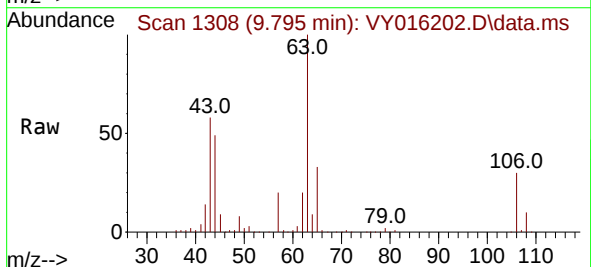
Manual Integrations
APPROVED

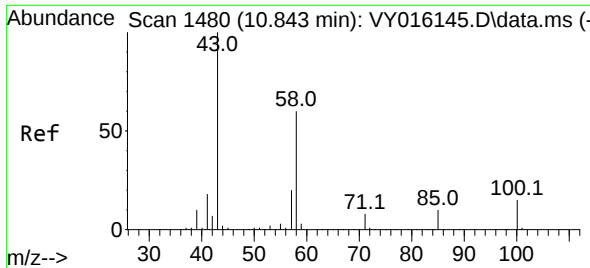
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#58
2-Chloroethyl Vinyl ether
Concen: 272.194 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

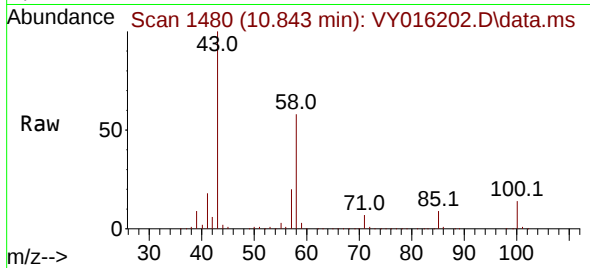
Tgt Ion: 63 Resp: 221729
Ion Ratio Lower Upper
63 100
106 29.6 21.2 31.8





#59
2-Hexanone
Concen: 284.810 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

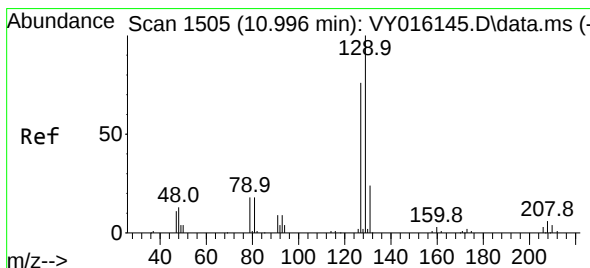
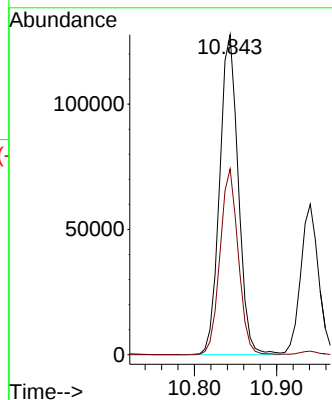
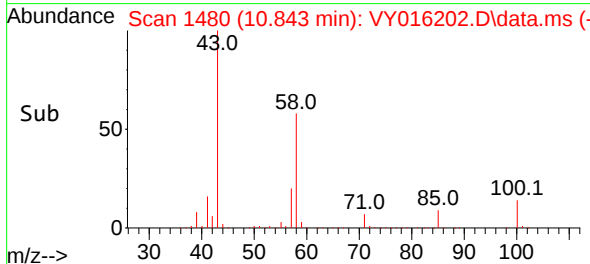
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 201385
Ion Ratio Lower Upper
43 100
58 56.7 25.1 75.3

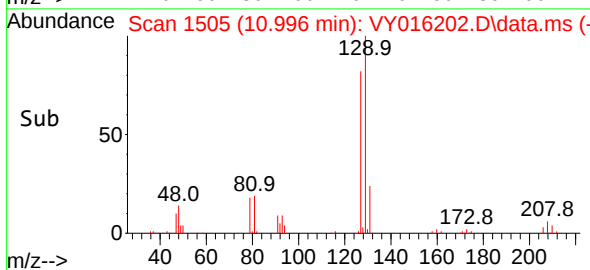
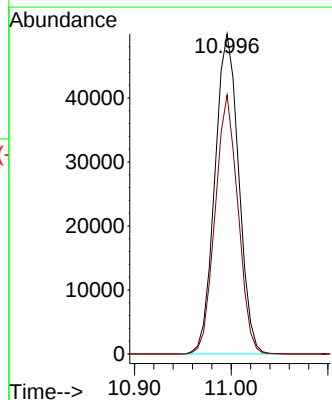
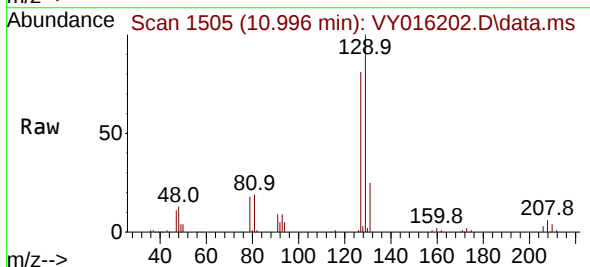
Manual Integrations
APPROVED

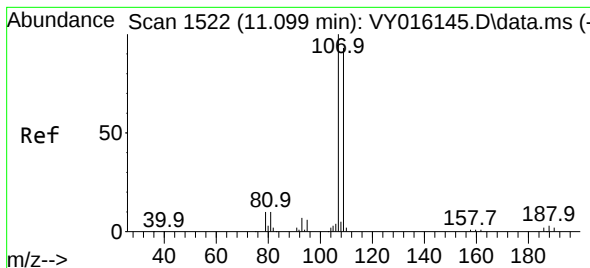
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#60
Dibromochloromethane
Concen: 52.662 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

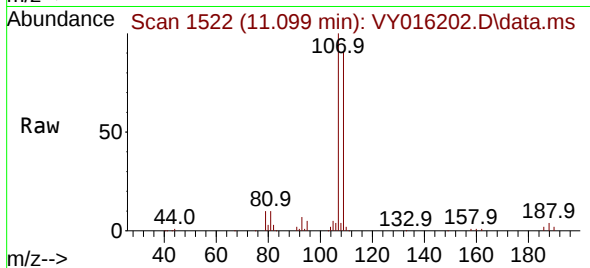
Tgt Ion:129 Resp: 85460
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.345 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

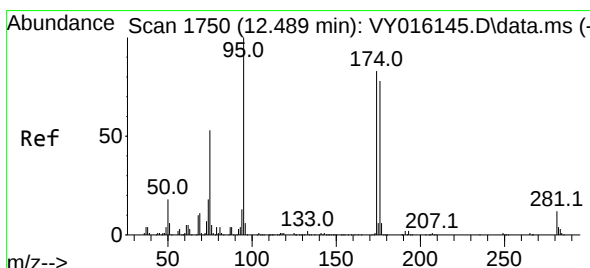
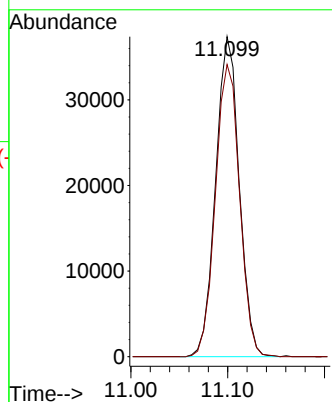
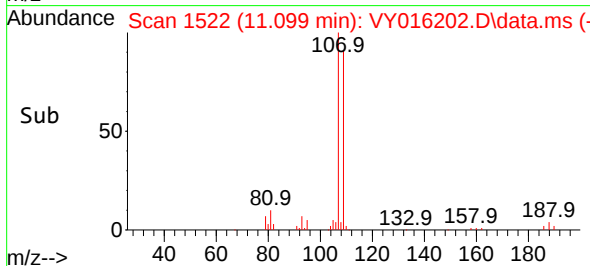
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



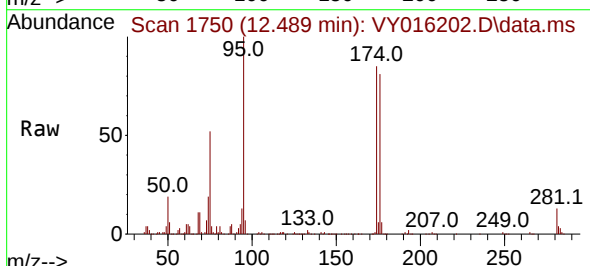
Tgt Ion:107 Resp: 63174
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4

Manual Integrations
APPROVED

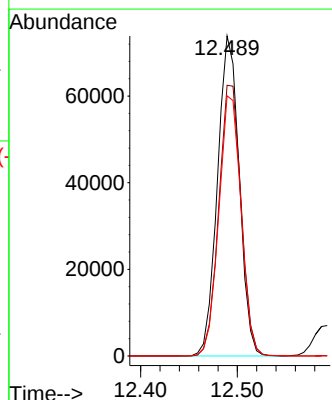
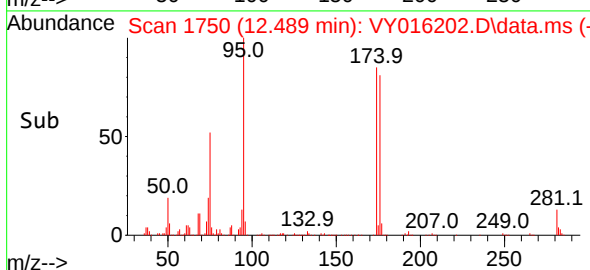
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

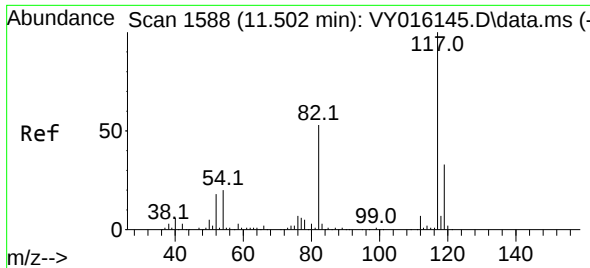


#62
4-Bromofluorobenzene
Concen: 52.130 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57



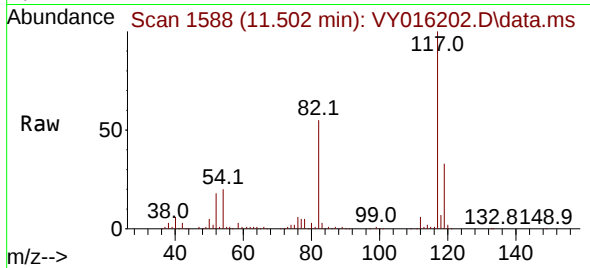
Tgt Ion: 95 Resp: 114884
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.2
176 83.5 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11588
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

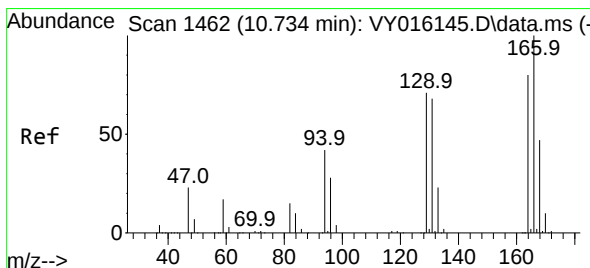
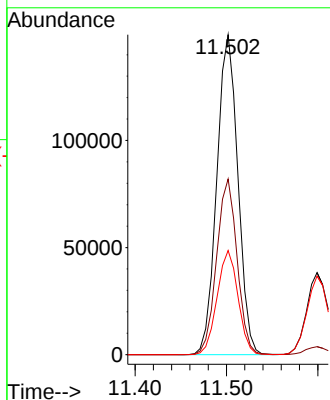
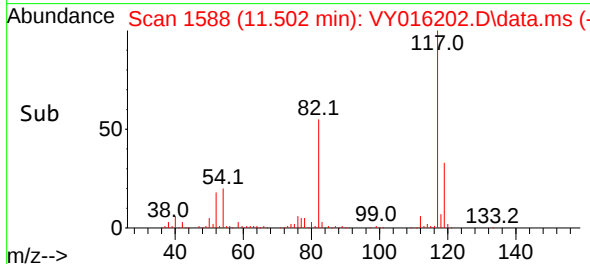
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



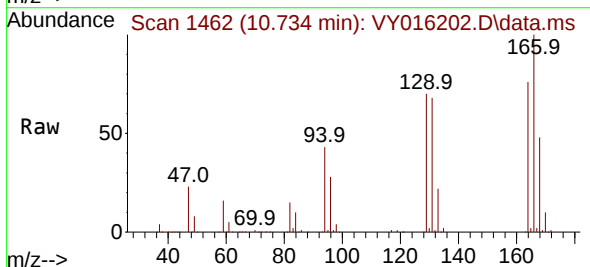
Tgt Ion:117 Resp: 239490
Ion Ratio Lower Upper
117 100
82 54.9 43.4 65.0
119 32.5 26.3 39.5

Manual Integrations
APPROVED

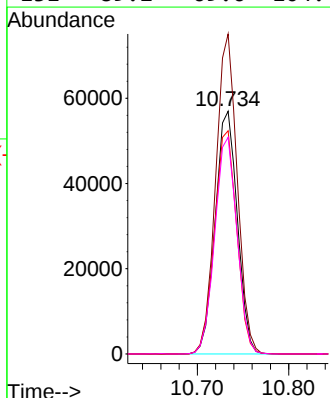
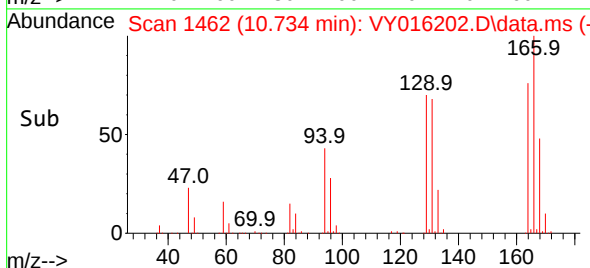
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

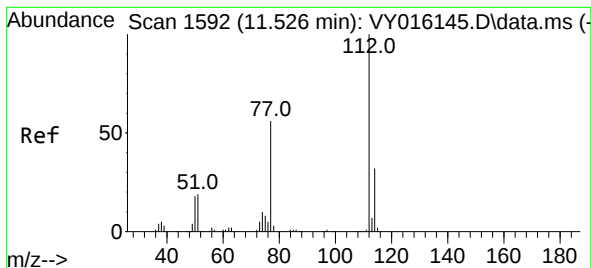


#64
Tetrachloroethene
Concen: 45.112 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57



Tgt Ion:164 Resp: 96100
Ion Ratio Lower Upper
164 100
166 131.8 103.0 154.6
129 92.0 77.2 115.8
131 89.2 69.6 104.4





#65

Chlorobenzene

Concen: 50.620 ug/l

RT: 11.526 min Scan# 11592

Delta R.T. 0.000 min

Lab File: VY016202.D

Acq: 03 Nov 2023 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 24085

Ion Ratio Lower Upper

112 100

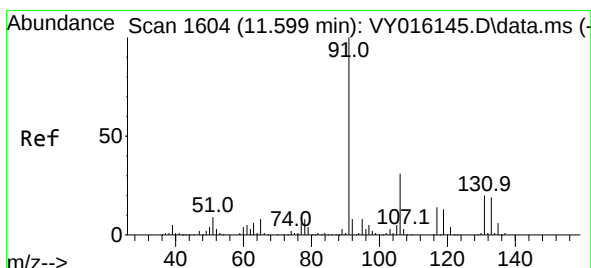
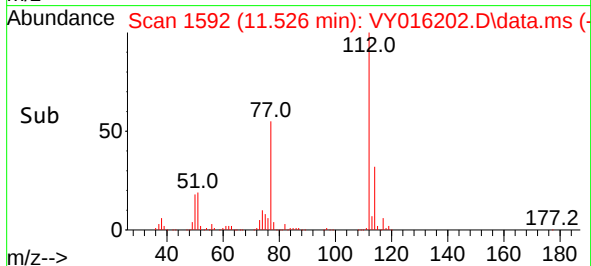
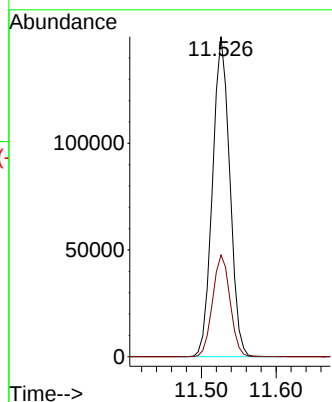
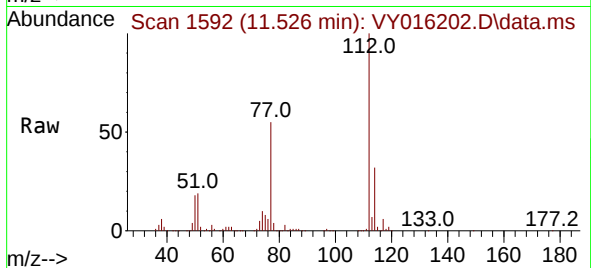
114 31.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 51.767 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016202.D

Acq: 03 Nov 2023 08:57

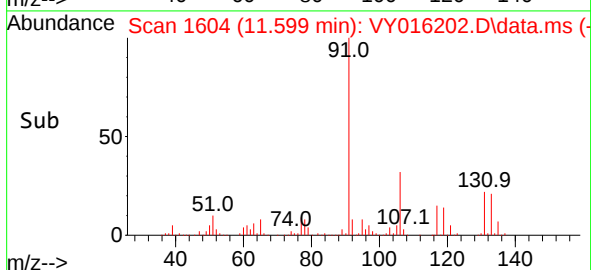
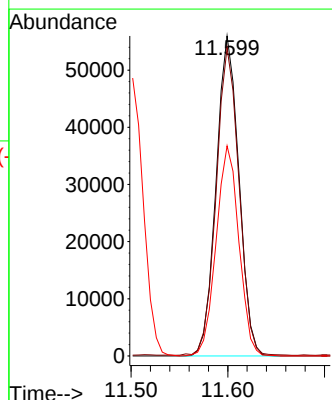
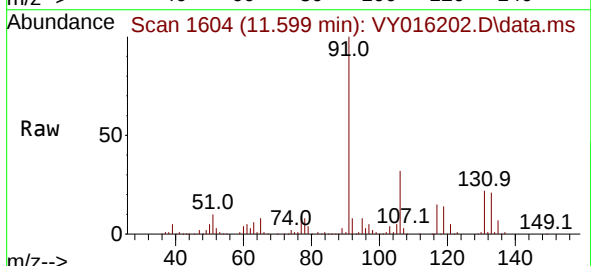
Tgt Ion:131 Resp: 91231

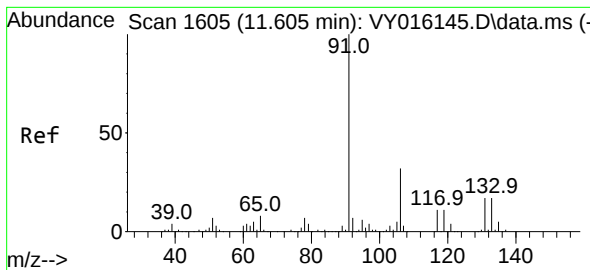
Ion Ratio Lower Upper

131 100

133 96.2 47.5 142.6

119 65.7 31.6 94.7





#67

Ethyl Benzene

Concen: 50.320 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.000 min

Lab File: VY016202.D

Acq: 03 Nov 2023 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 428240

Ion Ratio Lower Upper

91 100

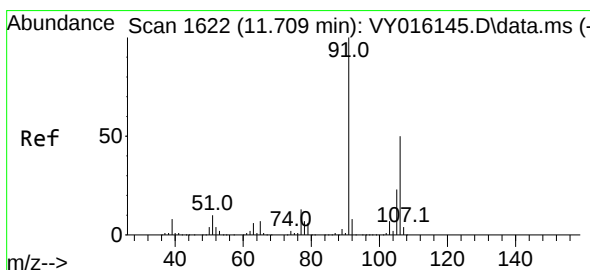
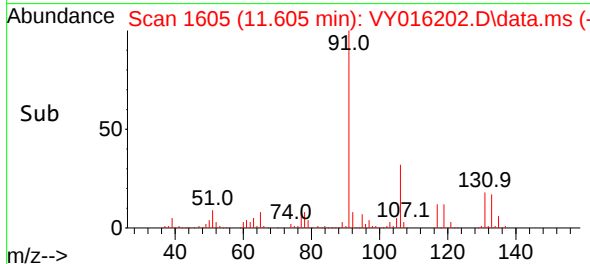
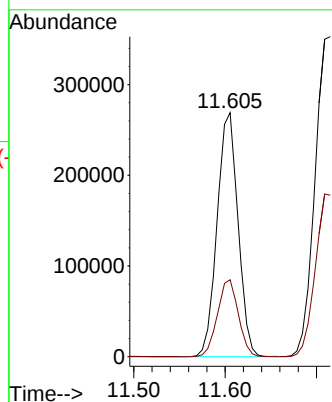
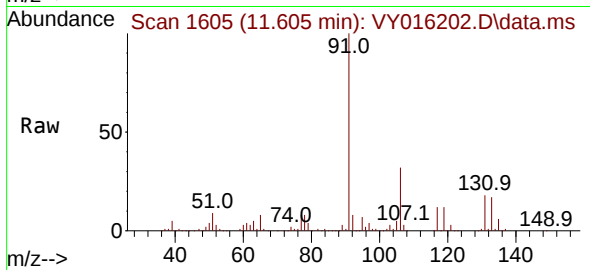
106 31.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#68

m/p-Xylenes

Concen: 99.662 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY016202.D

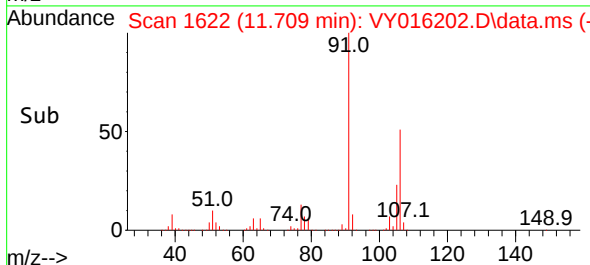
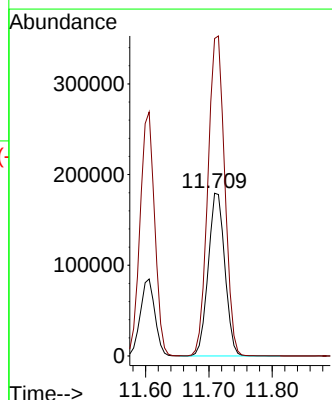
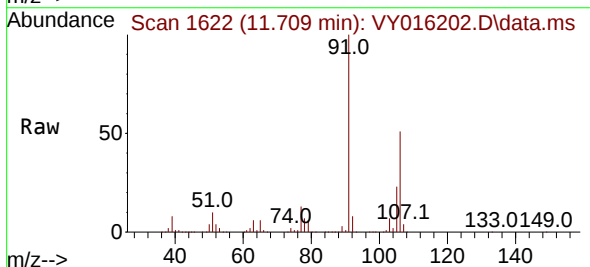
Acq: 03 Nov 2023 08:57

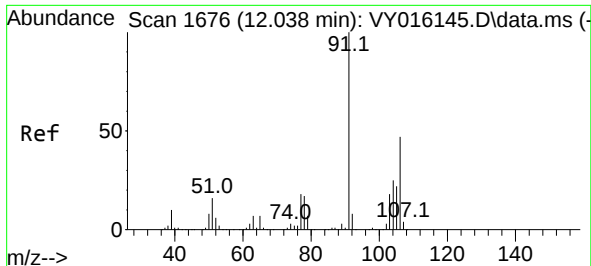
Tgt Ion:106 Resp: 327745

Ion Ratio Lower Upper

106 100

91 198.8 166.1 249.1





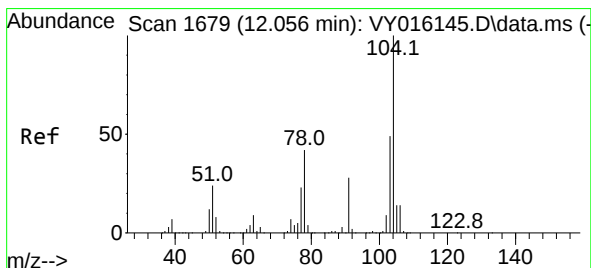
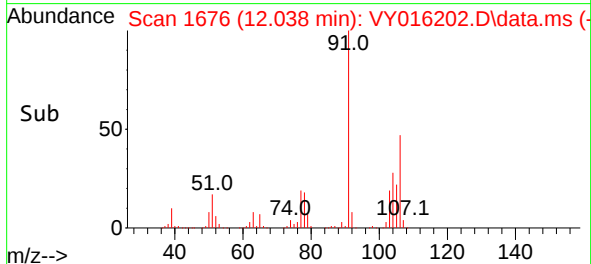
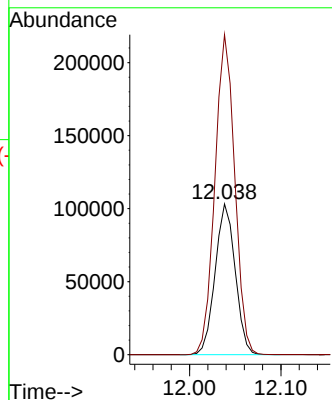
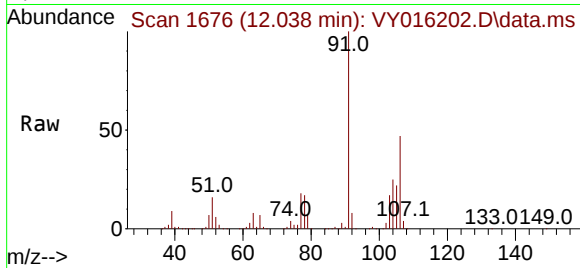
#69
o-Xylene
Concen: 50.185 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 157579
Ion Ratio Lower Upper
106 100
91 210.1 108.1 324.3

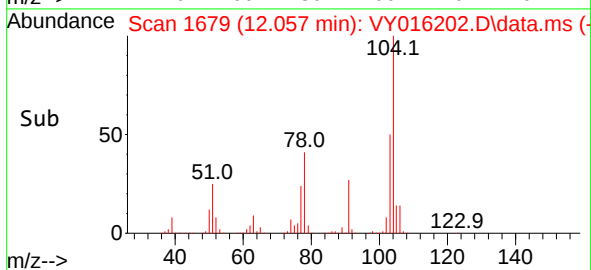
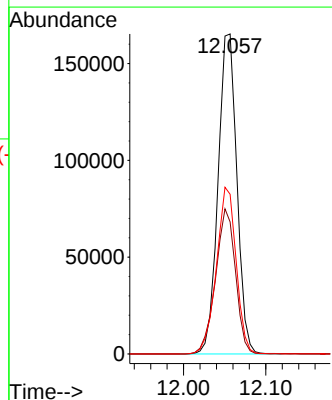
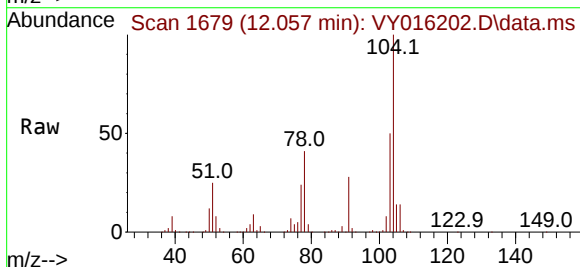
Manual Integrations
APPROVED

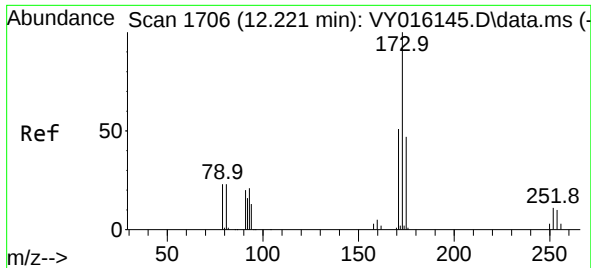
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#70
Styrene
Concen: 50.435 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

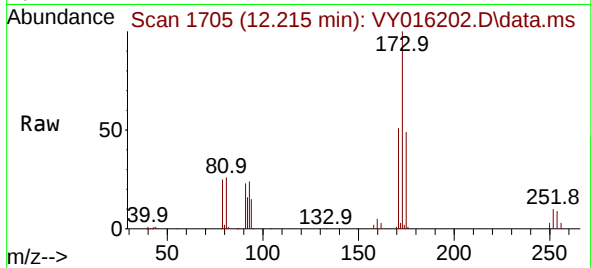
Tgt Ion:104 Resp: 263258
Ion Ratio Lower Upper
104 100
78 48.0 41.5 62.3
103 54.7 44.6 67.0





#71
Bromoform
Concen: 52.374 ug/l
RT: 12.215 min Scan# 1706
Delta R.T. -0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

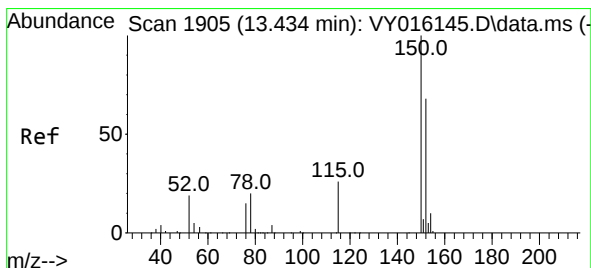
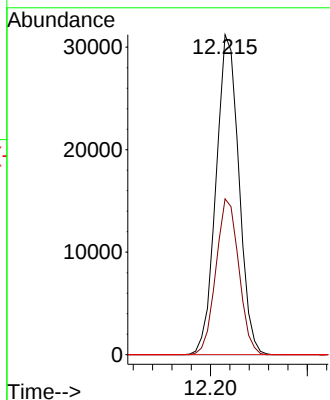
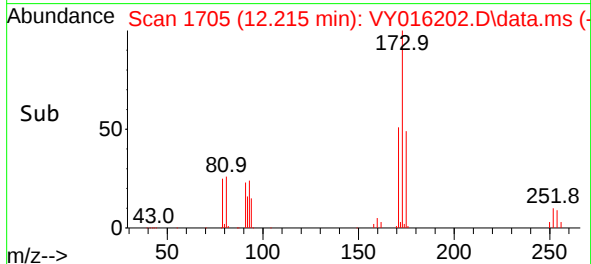
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 51200
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.8
254 0.0 0.2 0.2

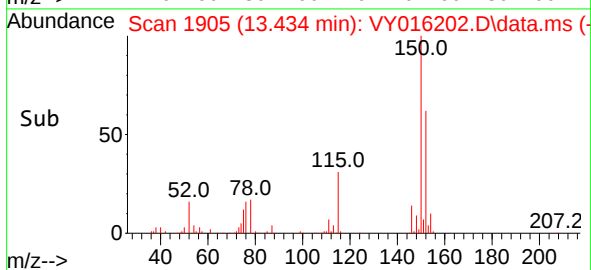
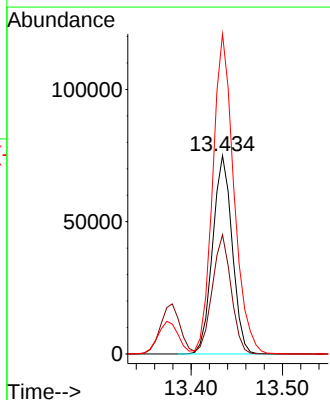
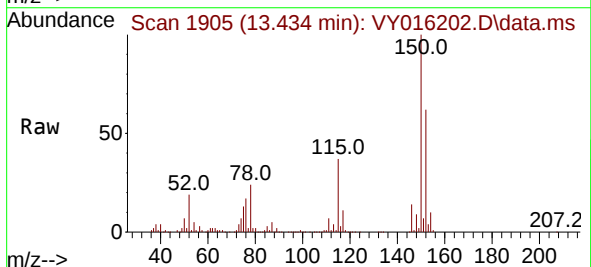
Manual Integrations
APPROVED

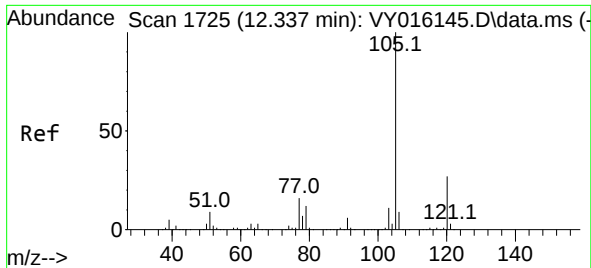
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Tgt Ion:152 Resp: 111390
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 175.0 0.0 348.8





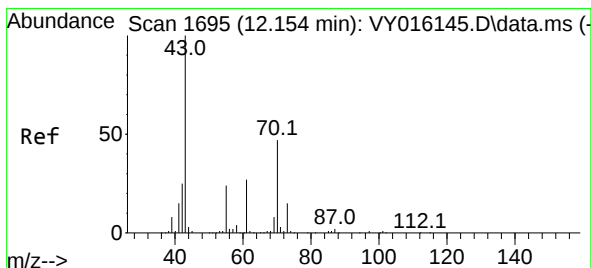
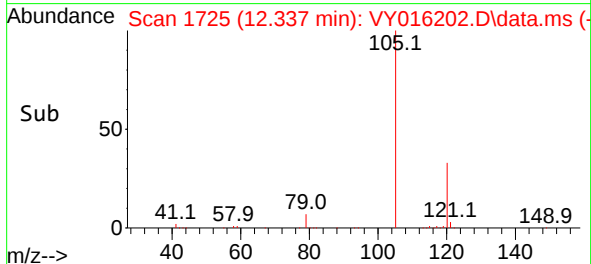
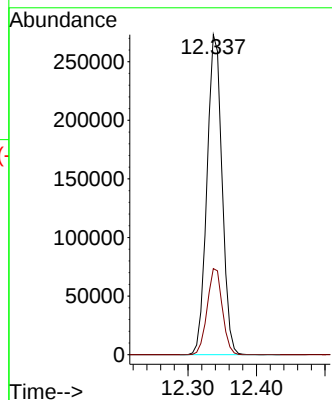
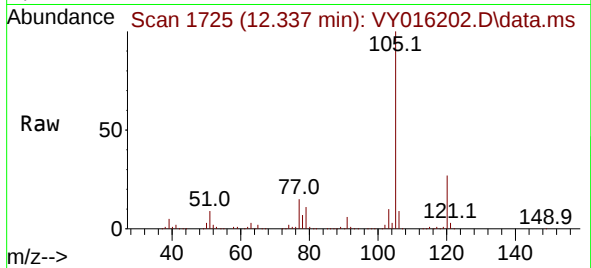
#73
Isopropylbenzene
Concen: 49.966 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 417500
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9

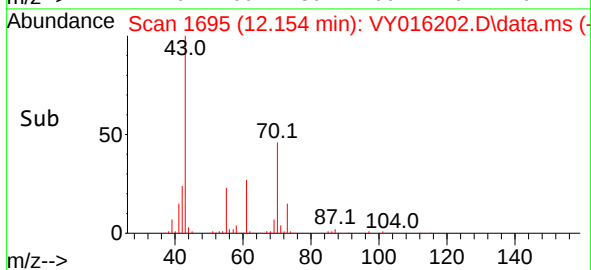
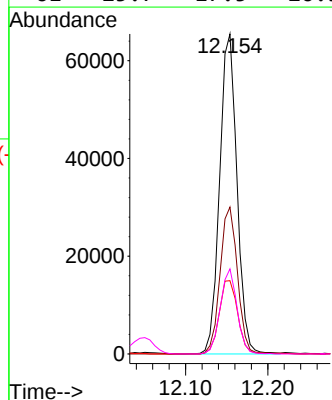
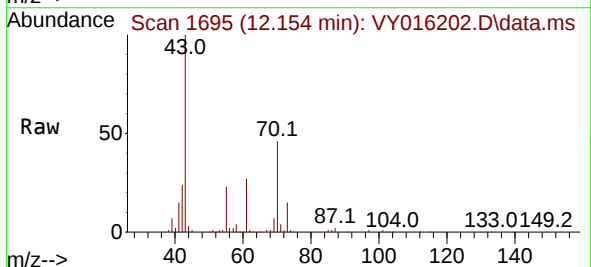
Manual Integrations
APPROVED

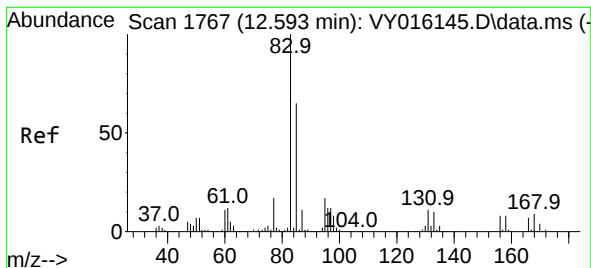
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#74
N-ethyl acetate
Concen: 52.793 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Tgt Ion: 43 Resp: 95858
Ion Ratio Lower Upper
43 100
70 46.2 29.7 44.5#
55 24.5 18.3 27.5
61 25.7 17.5 26.3





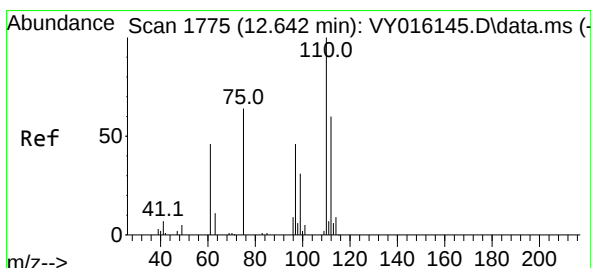
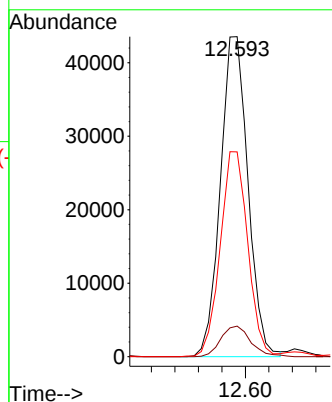
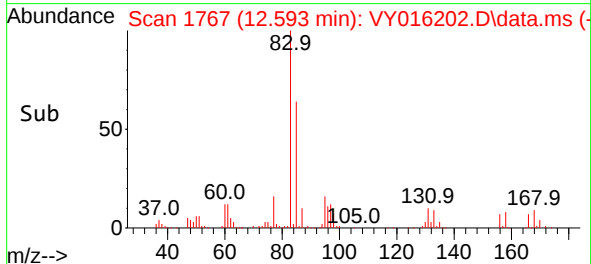
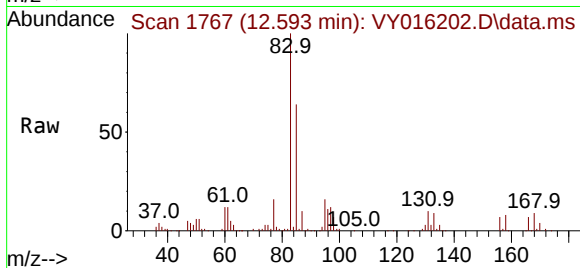
#75
1,1,2,2-Tetrachloroethane
Concen: 53.387 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 7098
Ion Ratio Lower Upper
83 100
131 10.3 5.4 16.2
85 64.1 31.8 95.4

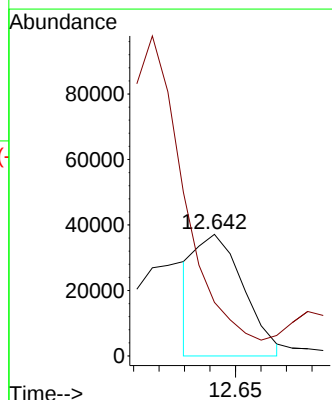
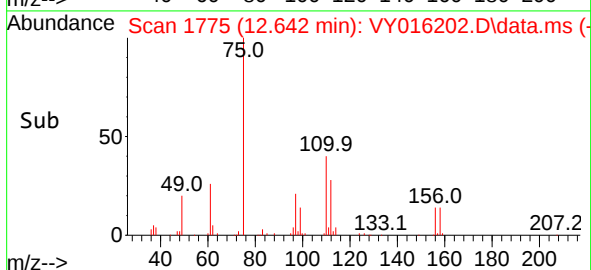
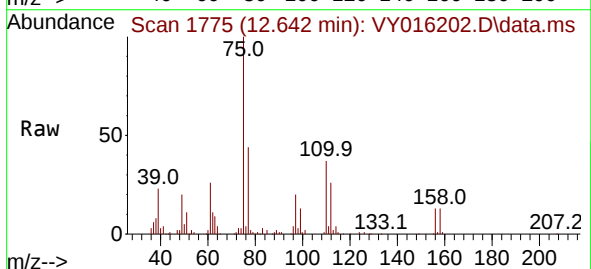
Manual Integrations
APPROVED

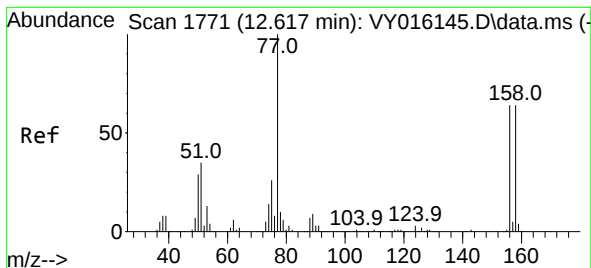
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#76
1,2,3-Trichloropropane
Concen: 46.868 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Tgt Ion: 75 Resp: 49163
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.938 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016202.D

Acq: 03 Nov 2023 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

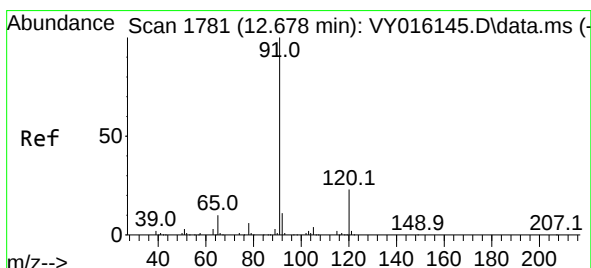
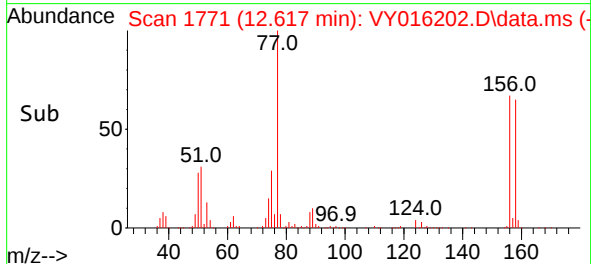
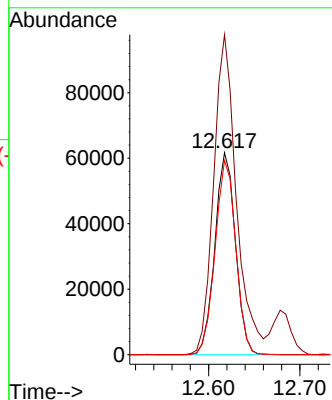
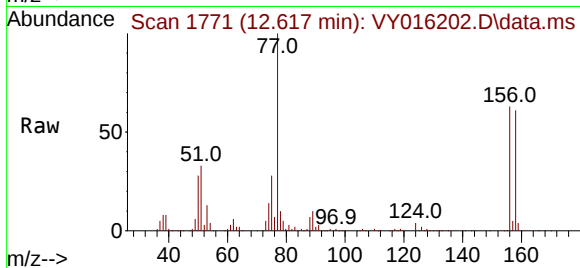
Tgt Ion:	156	Resp:	96374
Ion Ratio	Lower	Upper	
156	100		
77	175.0	92.8	278.6
158	96.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#78

n-propylbenzene

Concen: 50.172 ug/l

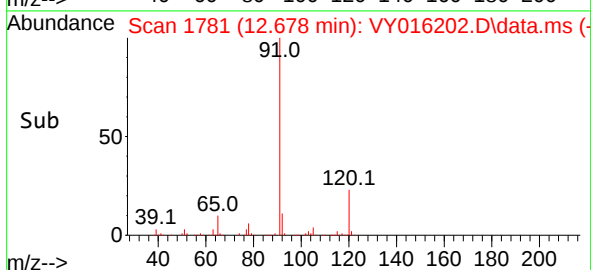
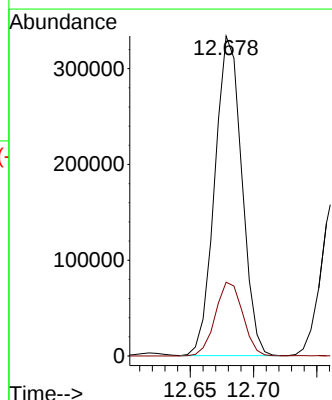
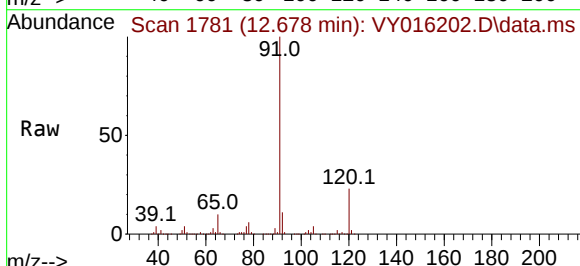
RT: 12.678 min Scan# 1781

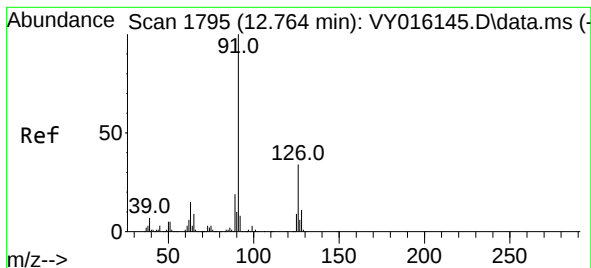
Delta R.T. 0.000 min

Lab File: VY016202.D

Acq: 03 Nov 2023 08:57

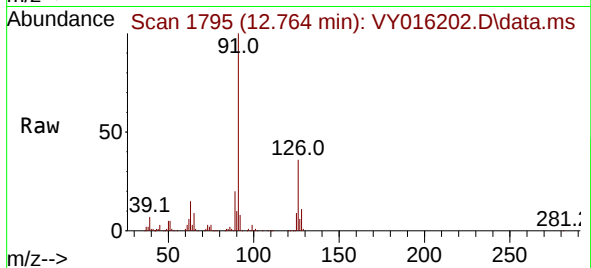
Tgt Ion:	91	Resp:	495629
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





#79
2-Chlorotoluene
Concen: 50.385 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

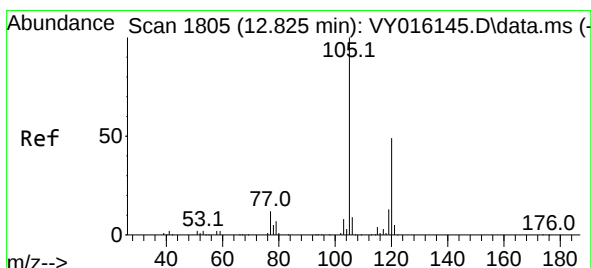
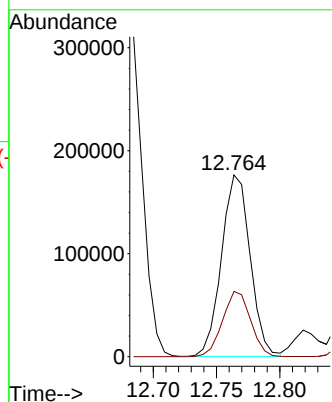
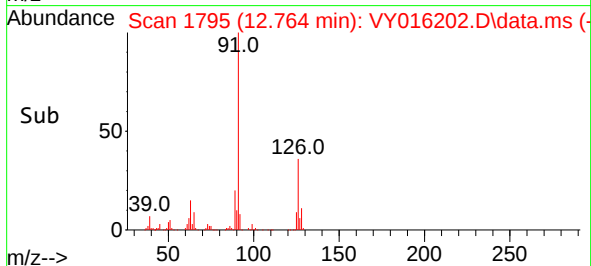
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



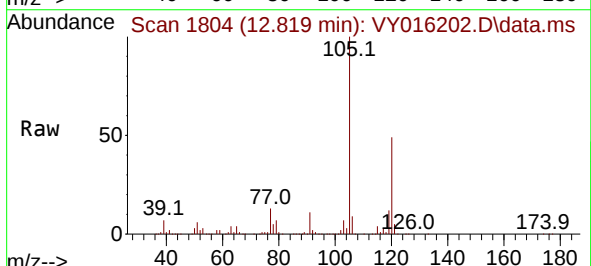
Tgt Ion: 91 Resp: 277600
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.7

Manual Integrations
APPROVED

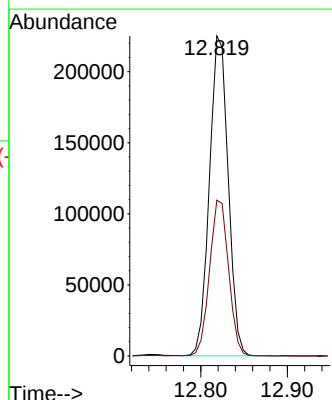
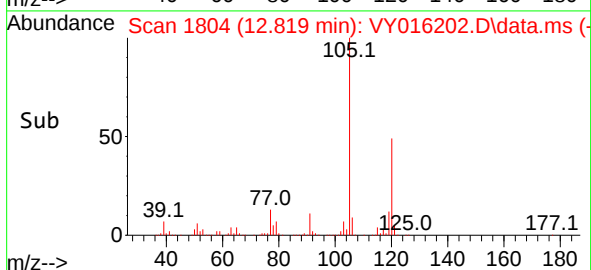
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

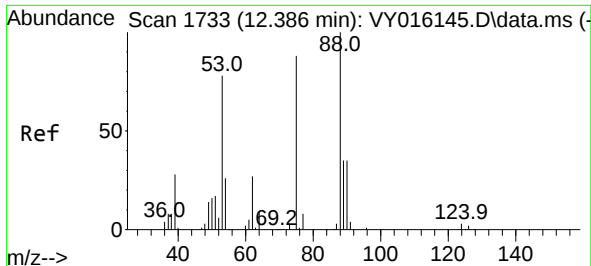


#80
1,3,5-Trimethylbenzene
Concen: 50.109 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57



Tgt Ion:105 Resp: 339215
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7





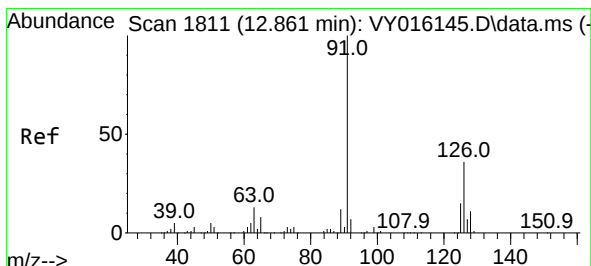
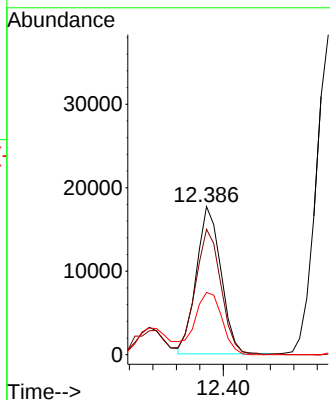
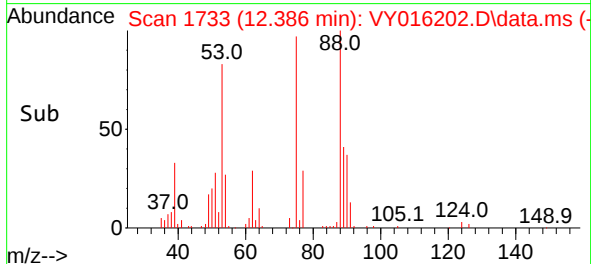
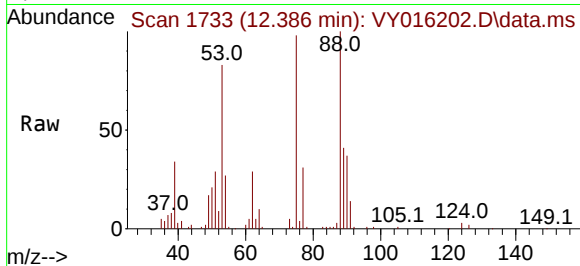
#81
trans-1,4-Dichloro-2-butene
Concen: 53.031 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 25650
Ion Ratio Lower Upper
75 100
53 88.6 77.8 116.8
89 47.0 37.4 56.0

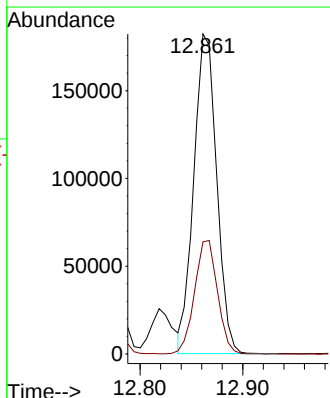
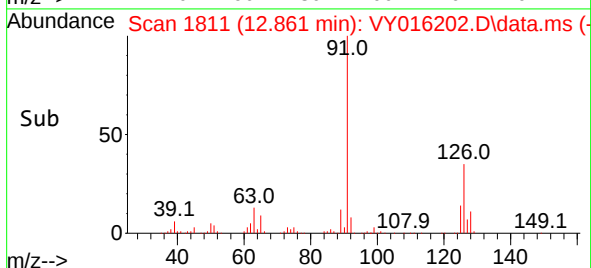
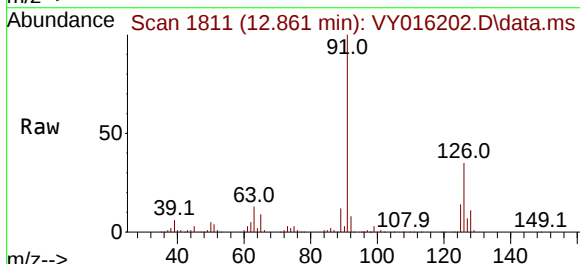
Manual Integrations
APPROVED

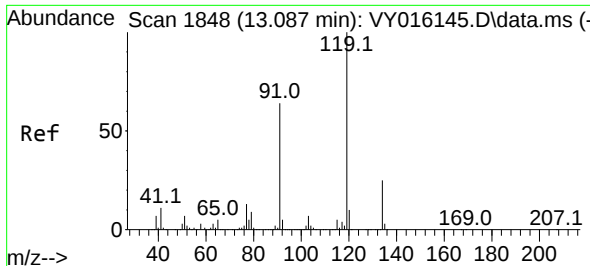
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#82
4-Chlorotoluene
Concen: 49.924 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Tgt Ion: 91 Resp: 282458
Ion Ratio Lower Upper
91 100
126 35.7 17.2 51.6





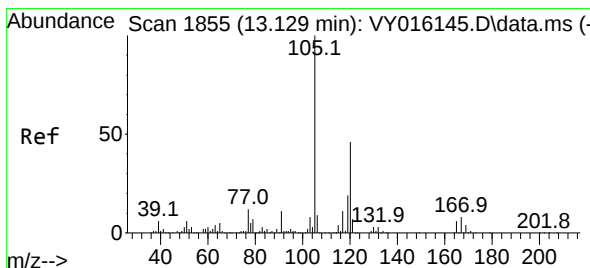
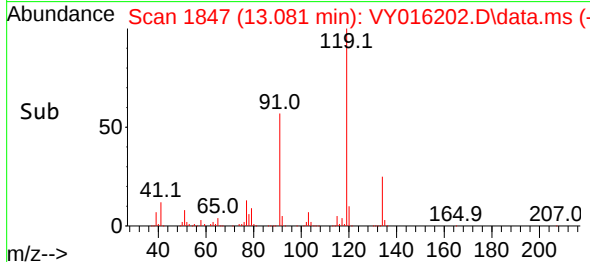
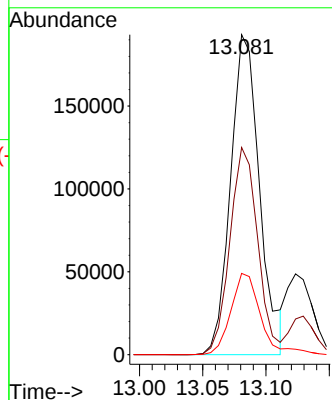
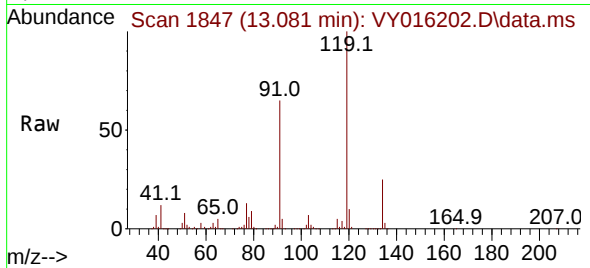
#83
tert-Butylbenzene
Concen: 50.740 ug/l
RT: 13.081 min Scan# 119
Delta R.T. -0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 30733
Ion Ratio Lower Upper
119 100
91 62.5 32.9 98.6
134 26.2 13.0 38.9

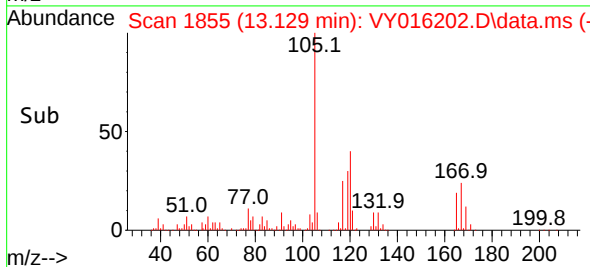
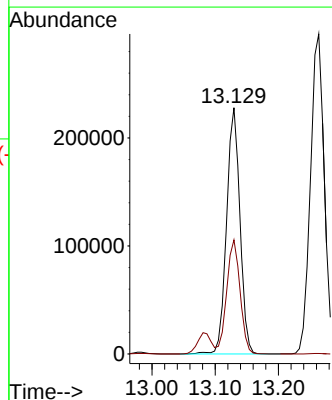
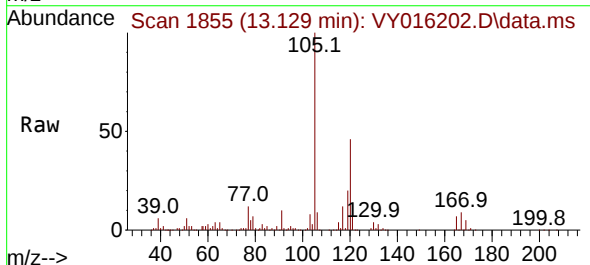
Manual Integrations
APPROVED

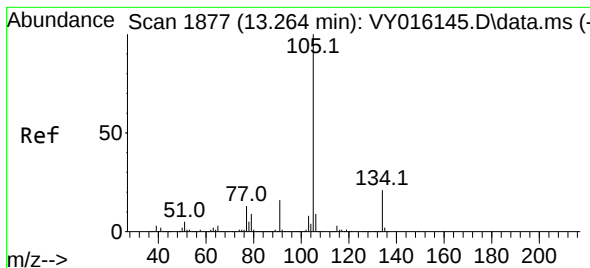
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.856 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Tgt Ion:105 Resp: 333955
Ion Ratio Lower Upper
105 100
120 46.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.298 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016202.D

Acq: 03 Nov 2023 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 447148

Ion Ratio Lower Upper

105 100

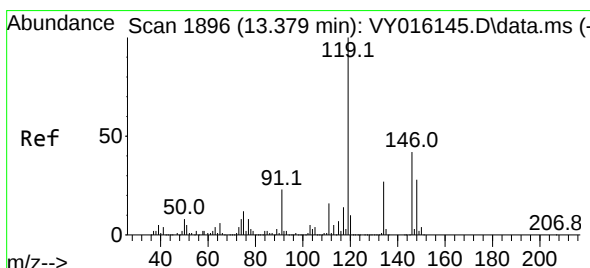
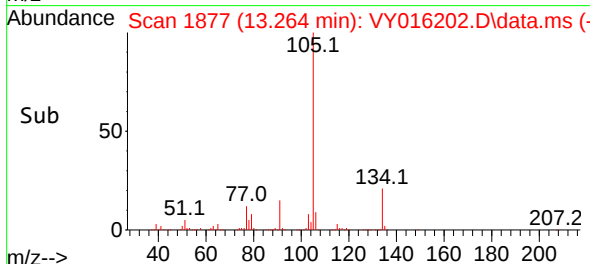
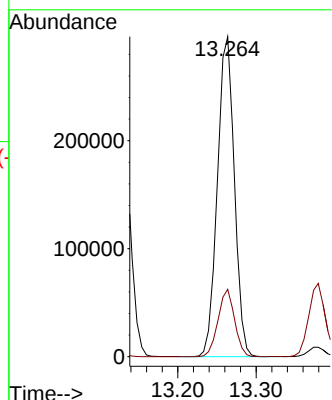
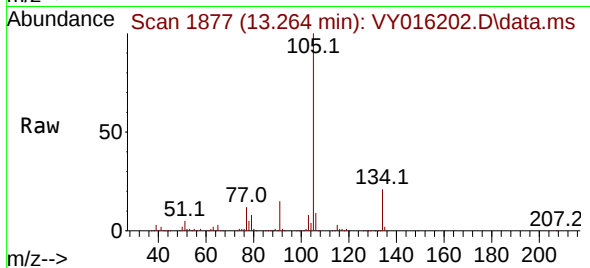
134 20.5 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#86

p-Isopropyltoluene

Concen: 50.173 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016202.D

Acq: 03 Nov 2023 08:57

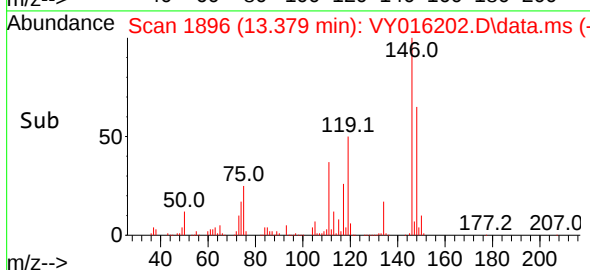
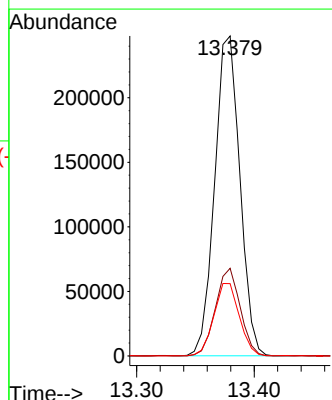
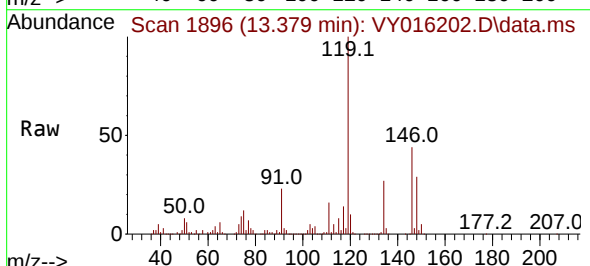
Tgt Ion:119 Resp: 369679

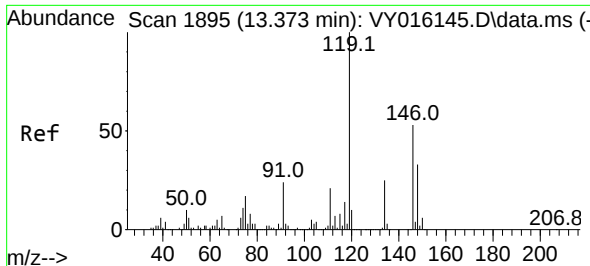
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

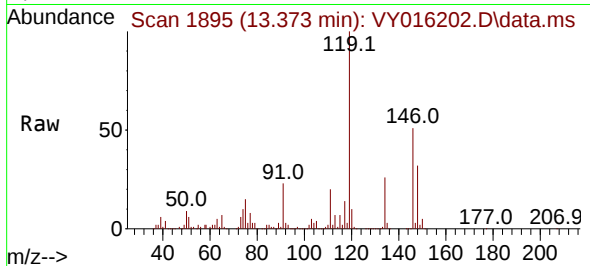
91 22.9 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 50.238 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

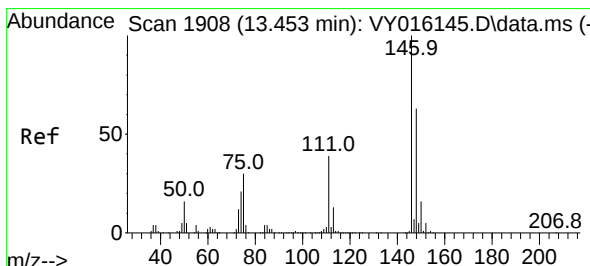
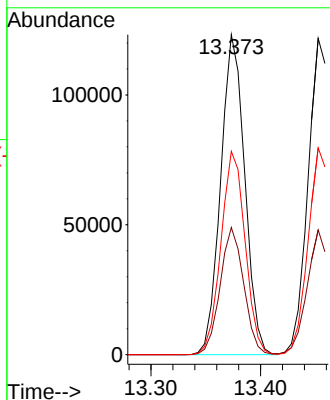
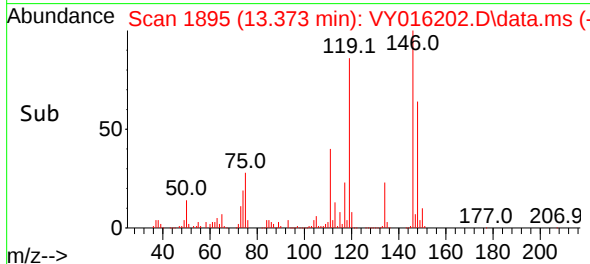
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



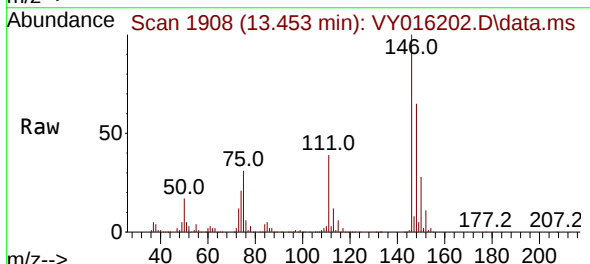
Tgt Ion:146 Resp: 187984
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.2
148 64.0 31.9 95.5

Manual Integrations
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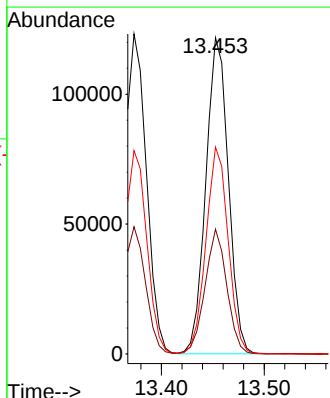
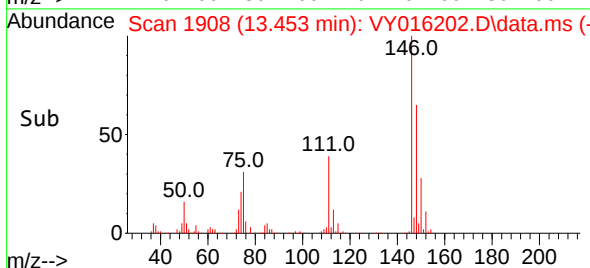
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023

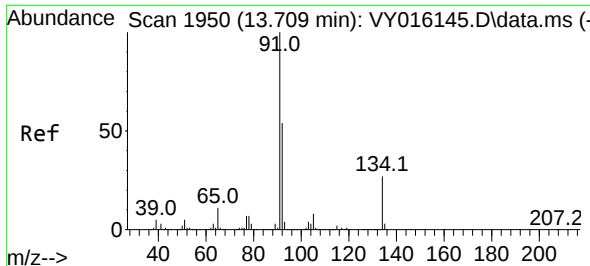


#88
1,4-Dichlorobenzene
Concen: 50.047 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57



Tgt Ion:146 Resp: 185090
Ion Ratio Lower Upper
146 100
111 38.4 18.9 56.7
148 64.7 32.1 96.5





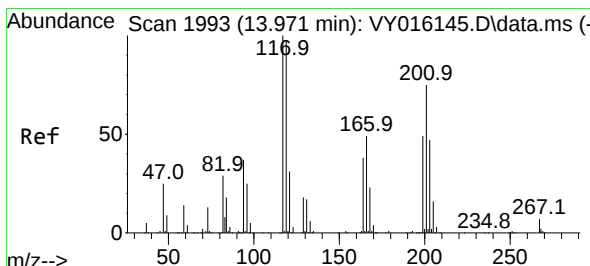
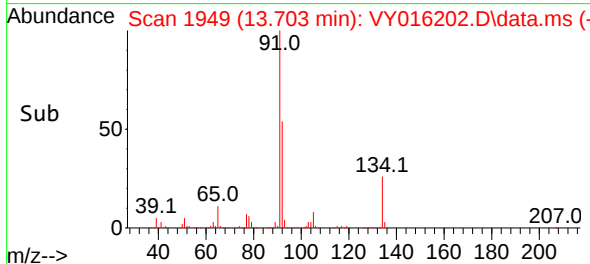
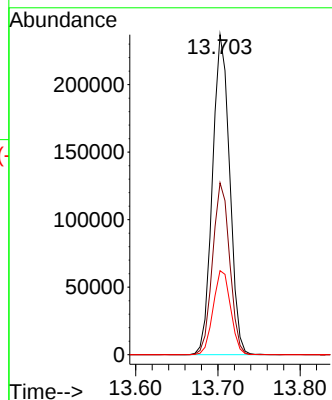
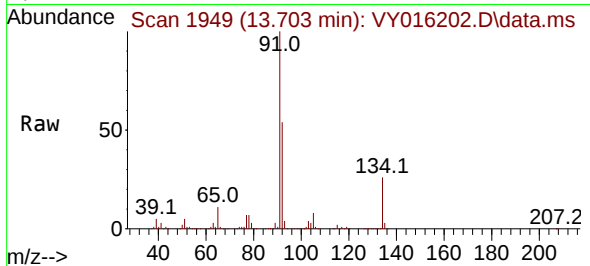
#89
n-Butylbenzene
Concen: 50.882 ug/l
RT: 13.703 min Scan# 1950
Delta R.T. -0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 344470
Ion Ratio Lower Upper
91 100
92 53.4 25.4 76.0
134 26.6 12.6 37.6

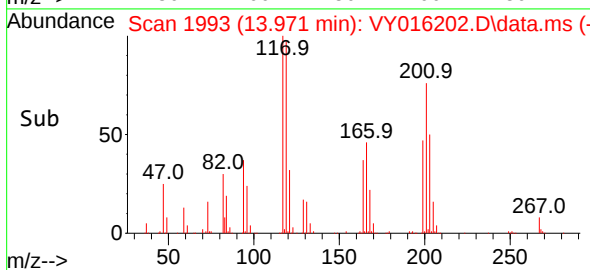
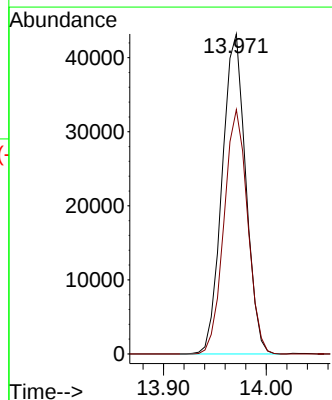
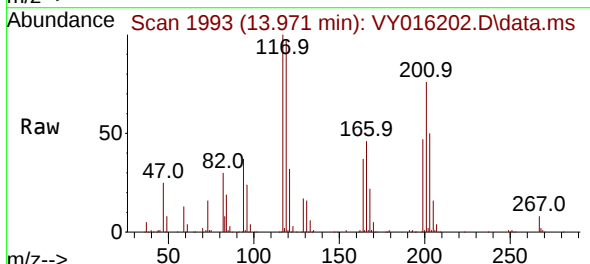
Manual Integrations
APPROVED

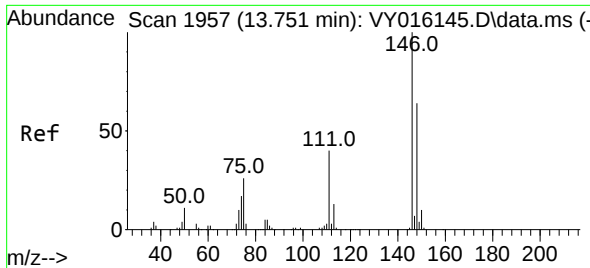
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#90
Hexachloroethane
Concen: 54.138 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Tgt Ion:117 Resp: 68741
Ion Ratio Lower Upper
117 100
201 76.3 41.6 124.8





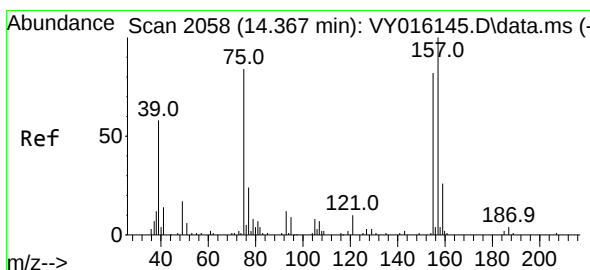
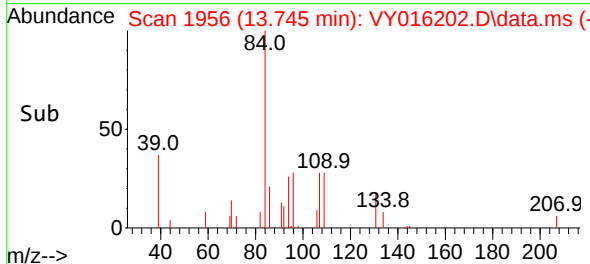
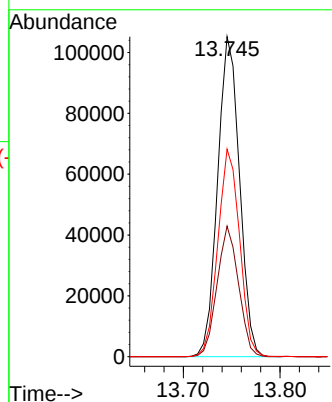
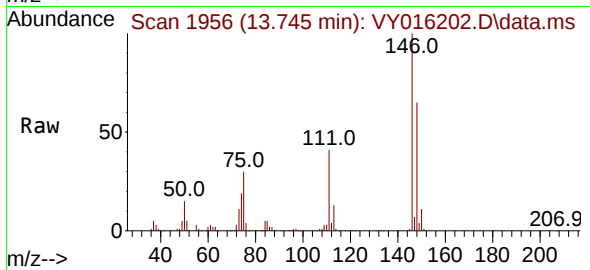
#91
1,2-Dichlorobenzene
Concen: 51.104 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 165218
Ion Ratio Lower Upper
146 100
111 39.9 19.7 59.0
148 64.4 32.0 96.2

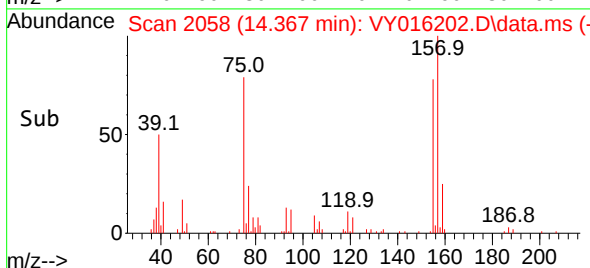
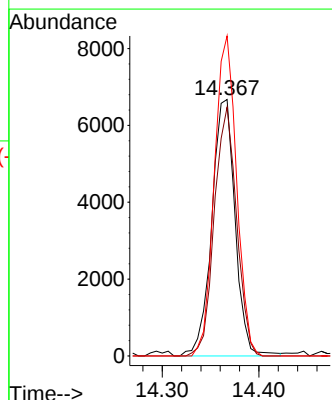
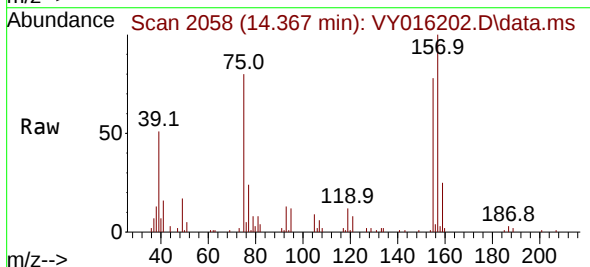
Manual Integrations
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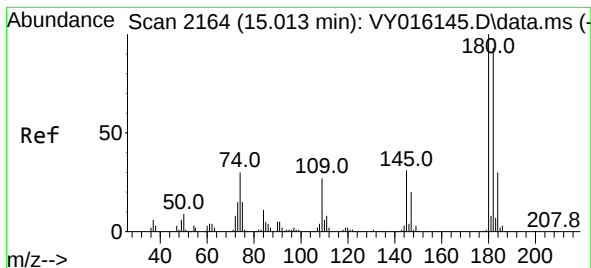
Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.980 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Tgt Ion: 75 Resp: 11179
Ion Ratio Lower Upper
75 100
155 92.5 41.5 124.6
157 118.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.764 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016202.D

Acq: 03 Nov 2023 08:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

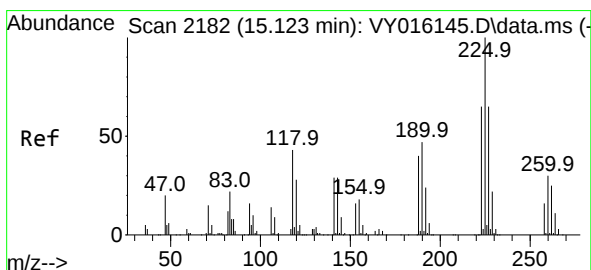
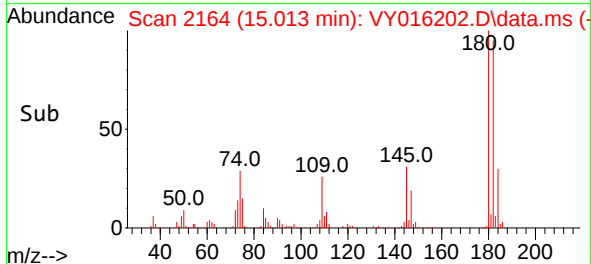
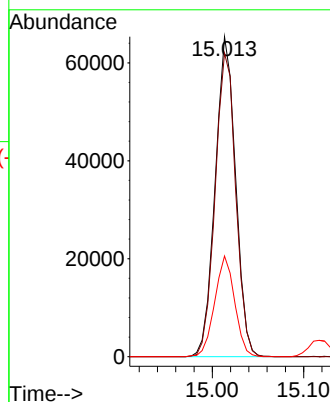
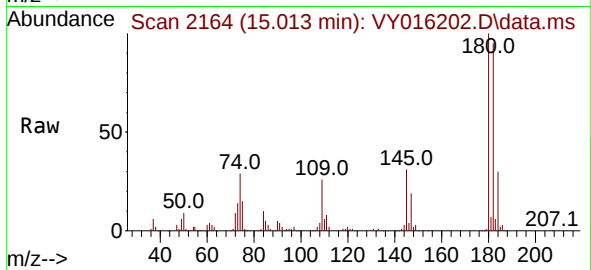
Tgt Ion:180 Resp: 101298
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.0 141.2
 145 30.8 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/06/2023

Supervised By :Mahesh Dadoda 11/06/2023



#94

Hexachlorobutadiene

Concen: 51.845 ug/l

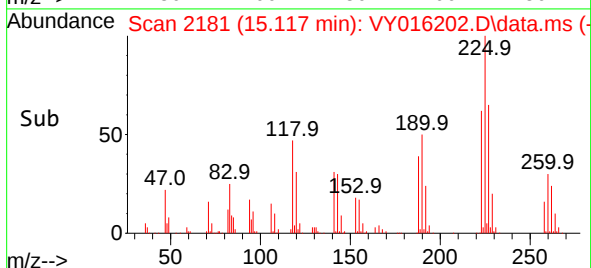
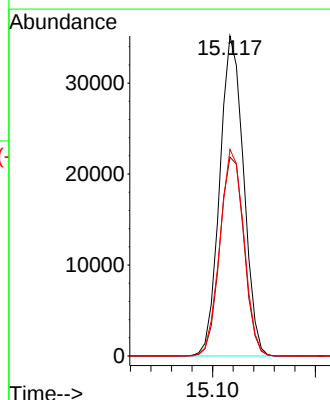
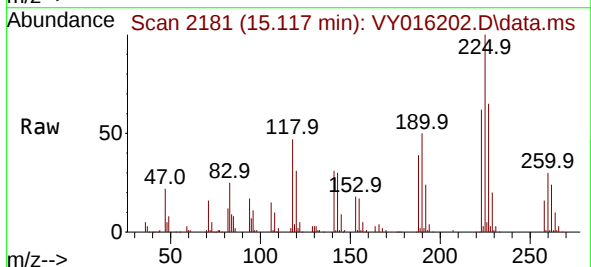
RT: 15.117 min Scan# 2181

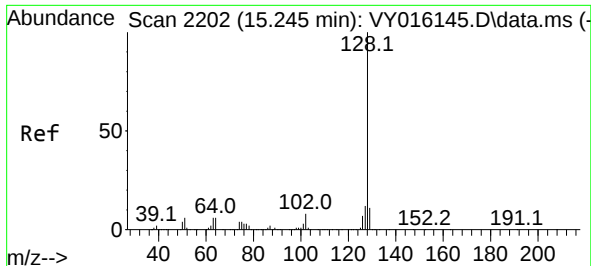
Delta R.T. -0.006 min

Lab File: VY016202.D

Acq: 03 Nov 2023 08:57

Tgt Ion:225 Resp: 56532
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.9 95.9
 227 65.0 33.0 98.9





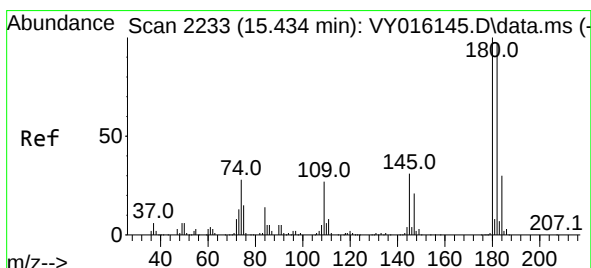
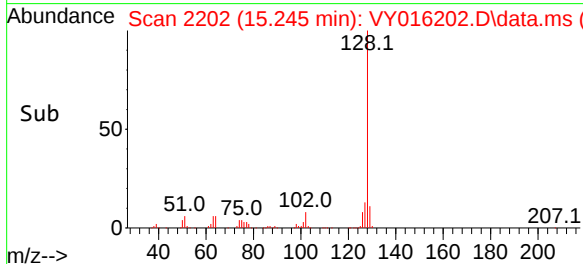
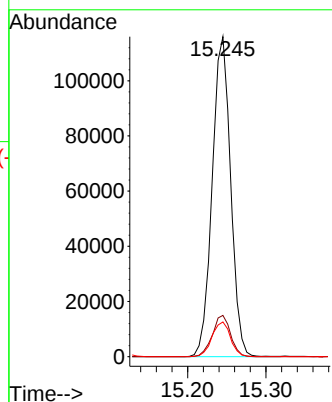
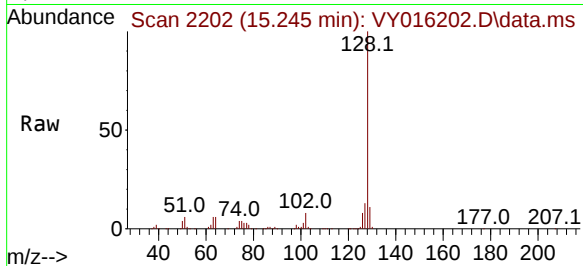
#95
Naphthalene
Concen: 48.837 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 18932
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/06/2023
Supervised By :Mahesh Dadoda 11/06/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.581 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY016202.D
Acq: 03 Nov 2023 08:57

Tgt Ion:180 Resp: 86219
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.8
145 32.2 15.4 46.2

