

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051823\
 Data File : VY013811.D
 Acq On : 18 May 2023 19:36
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023

Quant Time: May 19 03:23:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	252291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	386691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	346717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	141789	48.379	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.760%		
35) Dibromofluoromethane	7.728	113	120512	48.600	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.200%		
50) Toluene-d8	10.185	98	462208	49.167	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.340%		
62) 4-Bromofluorobenzene	12.483	95	155285	49.730	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	91595	50.566	ug/l	96
3) Chloromethane	2.119	50	111810	40.714	ug/l	100
4) Vinyl Chloride	2.259	62	116441	42.463	ug/l	100
5) Bromomethane	2.662	94	88510	36.399	ug/l	96
6) Chloroethane	2.802	64	76166	40.409	ug/l	98
7) Trichlorofluoromethane	3.137	101	207624	52.022	ug/l	99
8) Diethyl Ether	3.540	74	63623	47.641	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.911	101	107537	46.039	ug/l	97
10) Methyl Iodide	4.100	142	110232	42.955	ug/l	97
11) Tert butyl alcohol	4.978	59	64949	273.558	ug/l #	90
12) 1,1-Dichloroethene	3.887	96	100001	47.233	ug/l	97
13) Acrolein	3.741	56	83390	196.607	ug/l	98
14) Allyl chloride	4.491	41	185093	44.380	ug/l	97
15) Acrylonitrile	5.173	53	169786	216.795	ug/l	99
16) Acetone	3.960	43	159197	180.041	ug/l	98
17) Carbon Disulfide	4.210	76	267949	44.043	ug/l	99
18) Methyl Acetate	4.491	43	128920	41.820	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	308659	48.052	ug/l	98
20) Methylene Chloride	4.728	84	136398	51.330	ug/l	95
21) trans-1,2-Dichloroethene	5.234	96	114191	47.900	ug/l	98
22) Diisopropyl ether	6.131	45	404206	45.563	ug/l	99
23) Vinyl Acetate	6.070	43	1156630	225.307	ug/l	99
24) 1,1-Dichloroethane	6.027	63	221467	45.667	ug/l	98
25) 2-Butanone	6.996	43	229638	199.780	ug/l	100
26) 2,2-Dichloropropane	6.990	77	200042	48.290	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	137265	48.865	ug/l	99
28) Bromochloromethane	7.338	49	69969	41.235	ug/l	92
29) Tetrahydrofuran	7.356	42	144766	210.486	ug/l	97
30) Chloroform	7.514	83	237075	48.512	ug/l	96
31) Cyclohexane	7.795	56	175572	41.783	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	211273	50.646	ug/l	99
36) 1,1-Dichloropropene	7.923	75	164365	47.974	ug/l	99
37) Ethyl Acetate	7.082	43	102695	43.575	ug/l	98
38) Carbon Tetrachloride	7.905	117	191743	53.050	ug/l	98
39) Methylcyclohexane	9.191	83	185022	47.513	ug/l	98
40) Benzene	8.167	78	485255	48.738	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	59499	50.804	ug/l #	80
42) 1,2-Dichloroethane	8.240	62	167341	52.018	ug/l	99
43) Isopropyl Acetate	8.277	43	189261	44.245	ug/l	96
44) Trichloroethene	8.947	130	128346	49.312	ug/l	98
45) 1,2-Dichloropropane	9.221	63	128084	46.815	ug/l	99
46) Dibromomethane	9.307	93	73372	47.884	ug/l	96
47) Bromodichloromethane	9.502	83	181751	50.086	ug/l #	97
48) Methyl methacrylate	9.295	41	88192	44.883	ug/l	94
49) 1,4-Dioxane	9.313	88	16670	886.420	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	528467	221.853	ug/l	99
52) Toluene	10.246	92	302744	50.157	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	183616	49.076	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	202740	48.566	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	101110	48.516	ug/l	100
56) Ethyl methacrylate	10.514	69	135078	48.568	ug/l	98
57) 1,3-Dichloropropane	10.794	76	173917	48.507	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	206809	205.245	ug/l	95
59) 2-Hexanone	10.837	43	358441	211.693	ug/l	99
60) Dibromochloromethane	10.989	129	129388	51.237	ug/l	100
61) 1,2-Dibromoethane	11.093	107	94477	48.075	ug/l	99
64) Tetrachloroethene	10.721	164	110163	50.087	ug/l	96
65) Chlorobenzene	11.520	112	328918	50.121	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	130771	51.284	ug/l	98
67) Ethyl Benzene	11.599	91	590132	50.605	ug/l	98
68) m/p-Xylenes	11.703	106	447561	102.468	ug/l	99
69) o-Xylene	12.032	106	214032	51.513	ug/l	99
70) Styrene	12.044	104	371952	52.708	ug/l	99
71) Bromoform	12.209	173	84663	50.257	ug/l #	99
73) Isopropylbenzene	12.331	105	573650	50.125	ug/l	100
74) N-amyl acetate	12.148	43	167020	43.005	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	120435	44.424	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	99619m	48.692	ug/l	
77) Bromobenzene	12.611	156	139845	50.656	ug/l	95
78) n-propylbenzene	12.672	91	704546	49.977	ug/l	99
79) 2-Chlorotoluene	12.757	91	394033	49.525	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	476346	51.045	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	40902	44.510	ug/l	96
82) 4-Chlorotoluene	12.855	91	409524	49.412	ug/l	97
83) tert-Butylbenzene	13.074	119	425258	52.330	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	469575	51.341	ug/l	100
85) sec-Butylbenzene	13.257	105	613862	50.065	ug/l	99
86) p-Isopropyltoluene	13.373	119	506475	51.154	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	270279	50.290	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	263326	48.727	ug/l	98
89) n-Butylbenzene	13.696	91	475661	49.002	ug/l	99
90) Hexachloroethane	13.965	117	100072	47.830	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	242280	50.624	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19994	45.516	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	142329	50.115	ug/l	99
94) Hexachlorobutadiene	15.111	225	87384	49.530	ug/l	98
95) Naphthalene	15.239	128	279253	49.542	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	127622	49.945	ug/l	99

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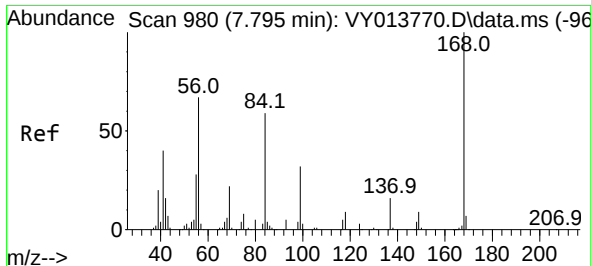
Manual Integrations
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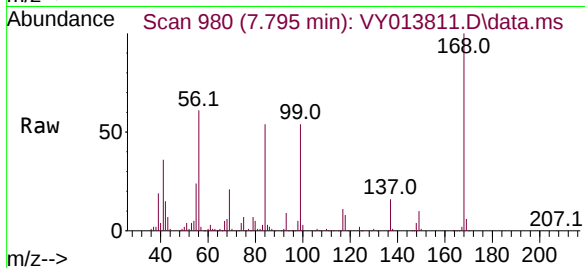
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
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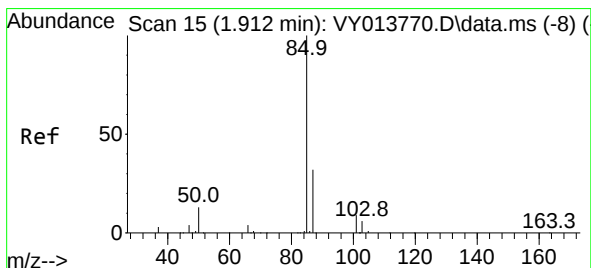
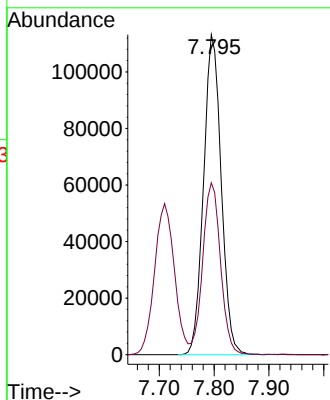
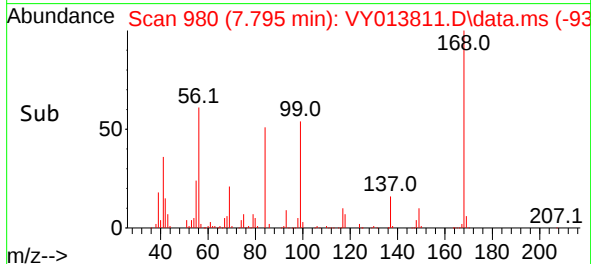
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Tgt Ion:168 Resp: 25229
Ion Ratio Lower Upper
168 100
99 53.6 44.0 66.0

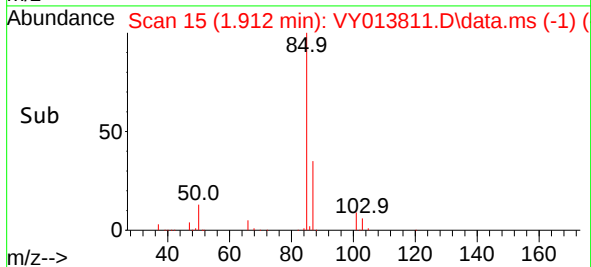
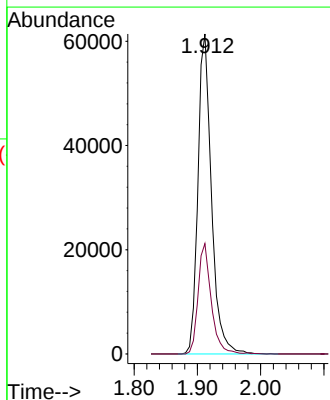
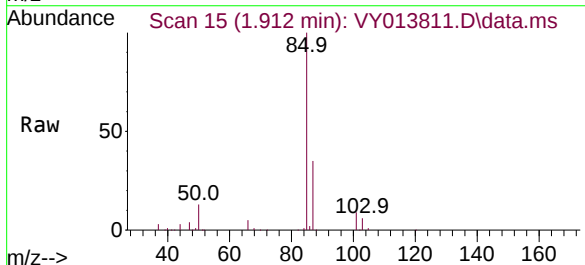
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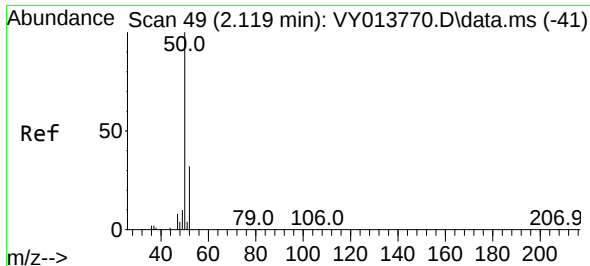
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#2
Dichlorodifluoromethane
Concen: 50.566 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

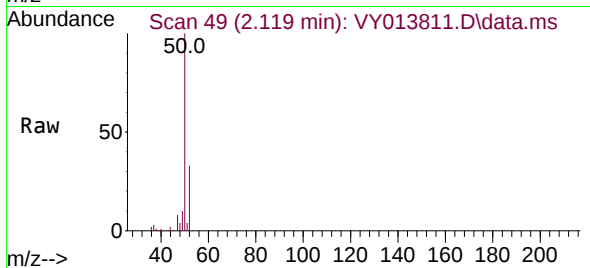
Tgt Ion: 85 Resp: 91595
Ion Ratio Lower Upper
85 100
87 34.5 16.1 48.2





#3
Chloromethane
Concen: 40.714 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

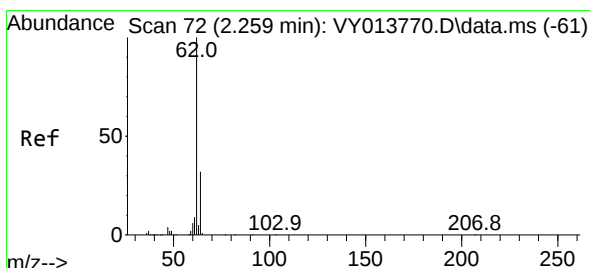
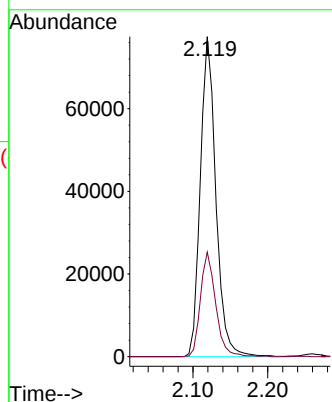
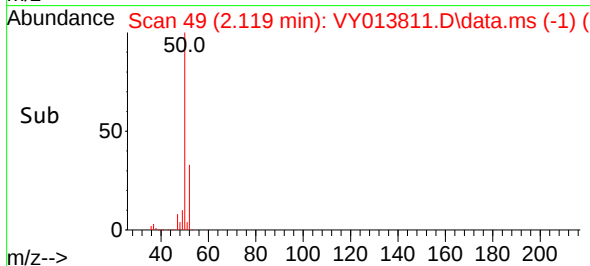
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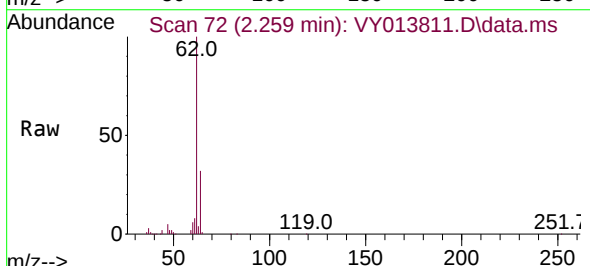
Tgt Ion: 50 Resp: 111810
Ion Ratio Lower Upper
50 100
52 32.7 26.0 39.0

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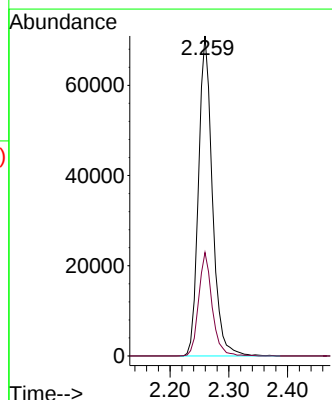
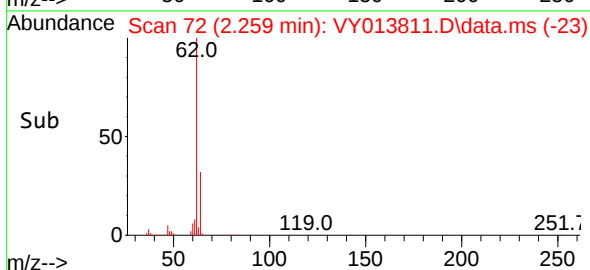
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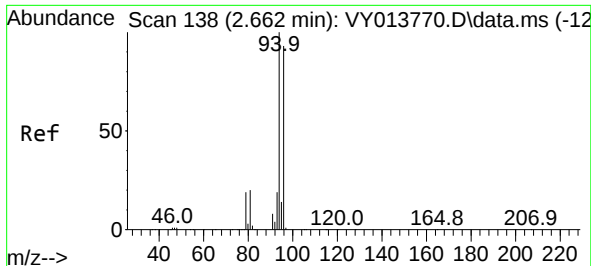


#4
Vinyl Chloride
Concen: 42.463 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36



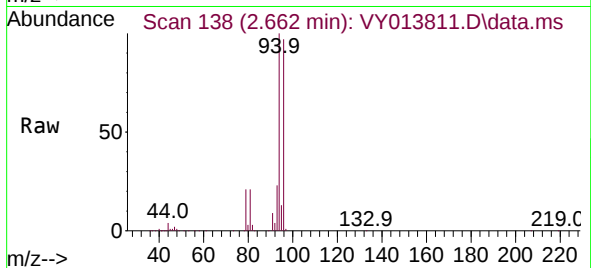
Tgt Ion: 62 Resp: 116441
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.6





#5
Bromomethane
Concen: 36.399 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

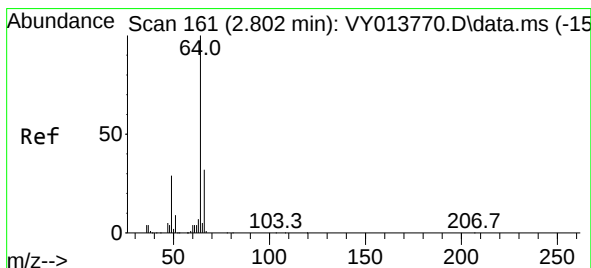
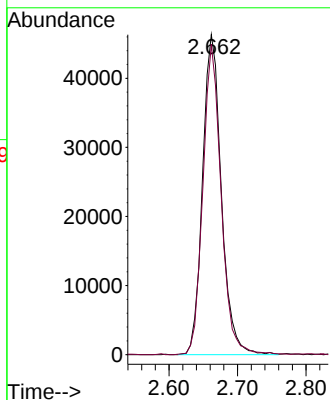
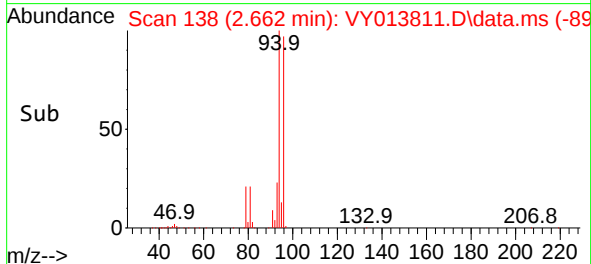
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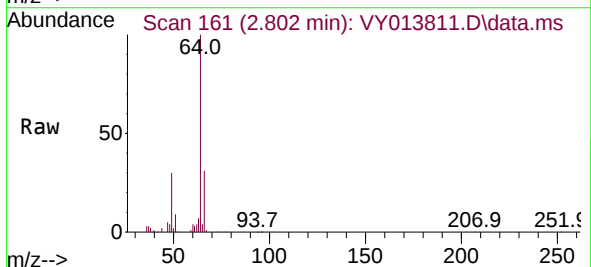
Tgt Ion: 94 Resp: 88510
Ion Ratio Lower Upper
94 100
96 96.8 74.2 111.4

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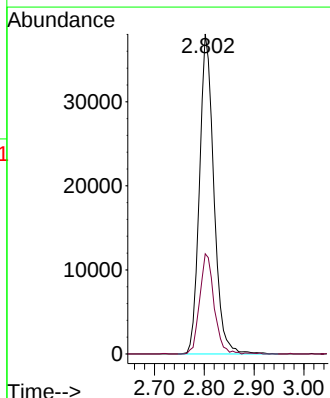
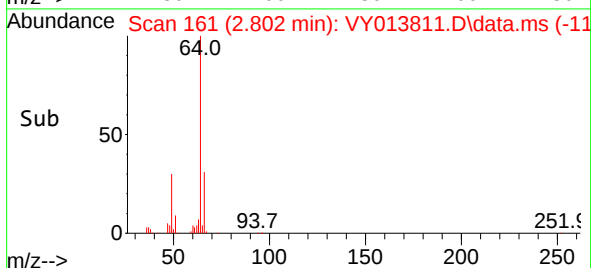
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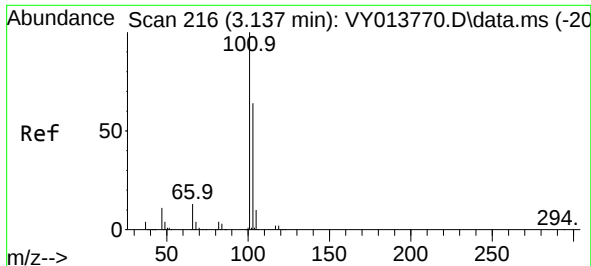


#6
Chloroethane
Concen: 40.409 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY013811.D
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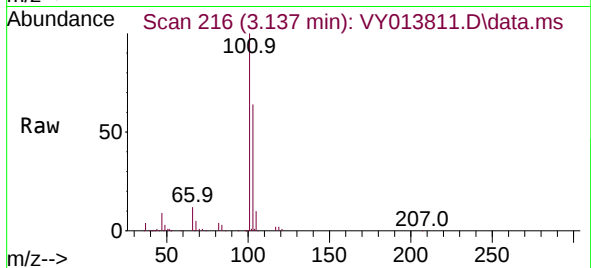
Tgt Ion: 64 Resp: 76166
Ion Ratio Lower Upper
64 100
66 31.3 25.8 38.6





#7
Trichlorofluoromethane
Concen: 52.022 ug/l
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

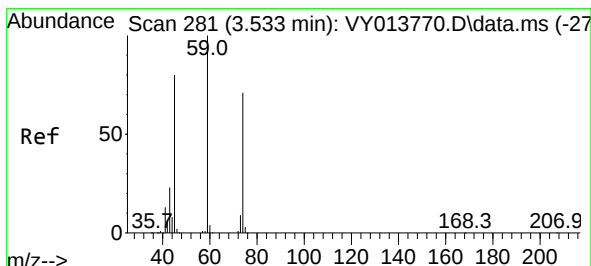
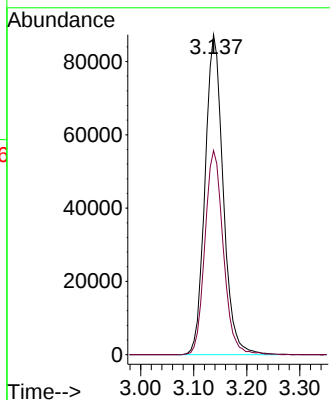
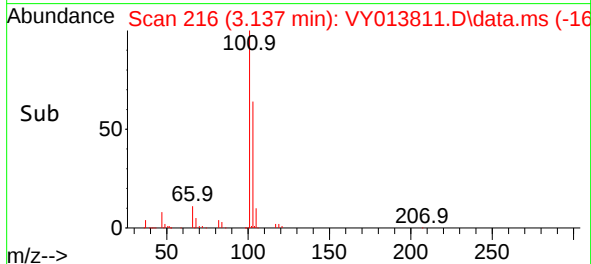
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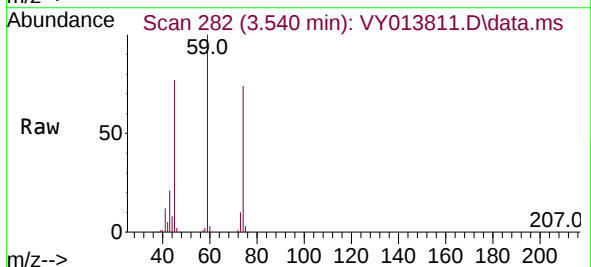
Tgt Ion:101 Resp: 207624
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0

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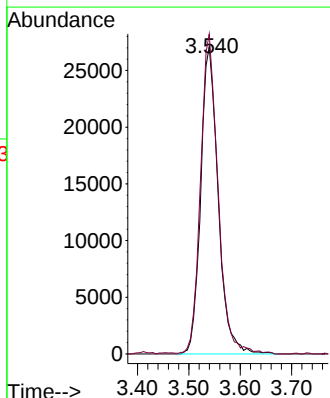
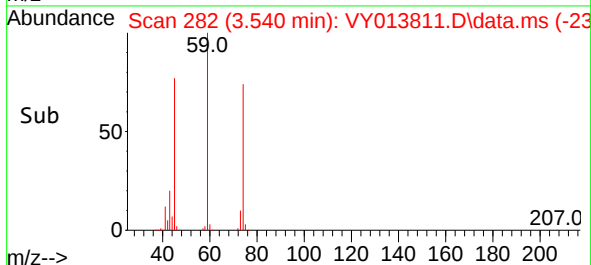
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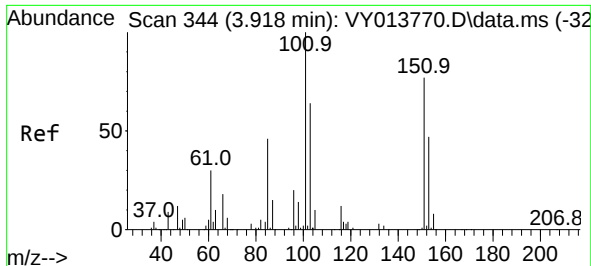


#8
Diethyl Ether
Concen: 47.641 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36



Tgt Ion: 74 Resp: 63623
Ion Ratio Lower Upper
74 100
45 105.3 56.1 168.3





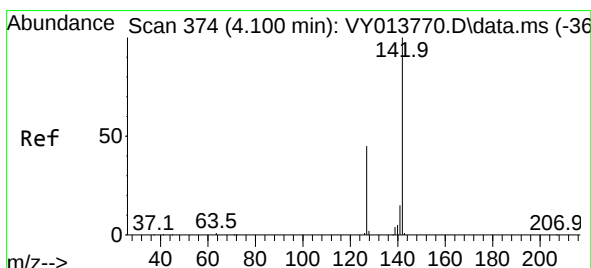
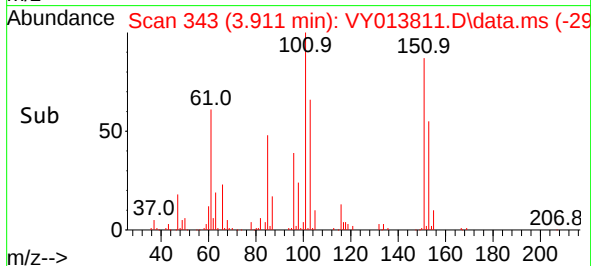
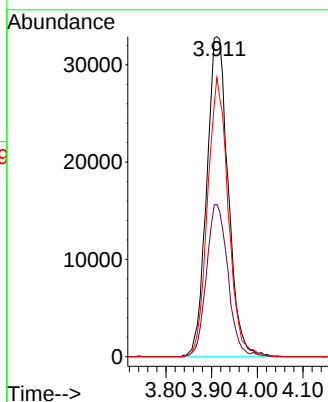
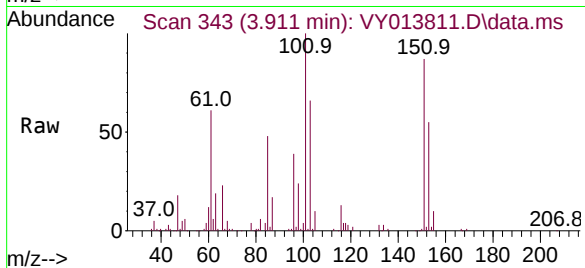
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.039 ug/l
RT: 3.911 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 10753
Ion Ratio Lower Upper
101 100
85 47.5 37.8 56.8
151 83.8 64.2 96.2

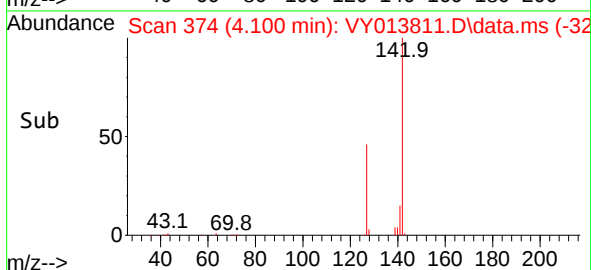
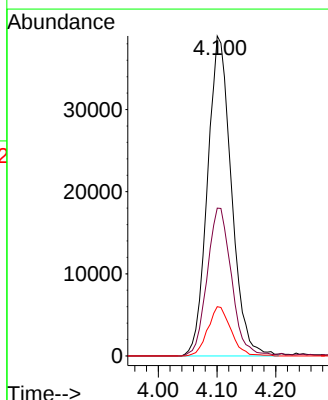
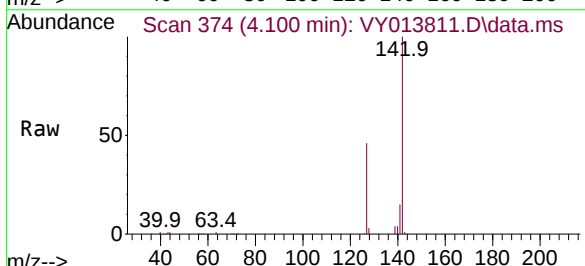
Manual Integrations
APPROVED

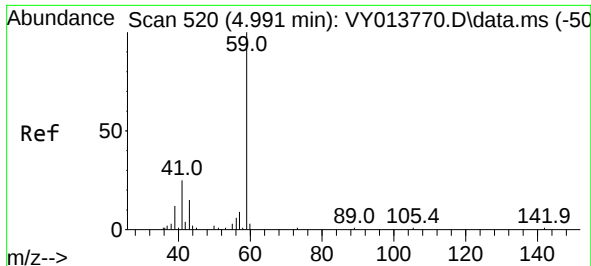
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#10
Methyl Iodide
Concen: 42.955 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

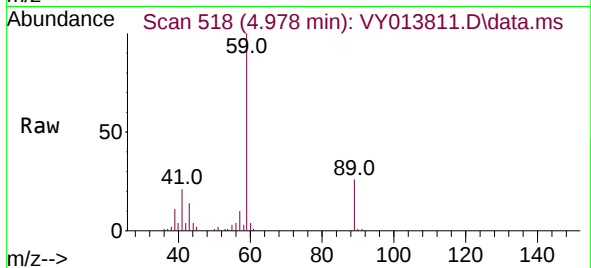
Tgt Ion:142 Resp: 110232
Ion Ratio Lower Upper
142 100
127 46.9 35.4 53.2
141 14.9 11.5 17.3





#11
Tert butyl alcohol
Concen: 273.558 ug/l
RT: 4.978 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

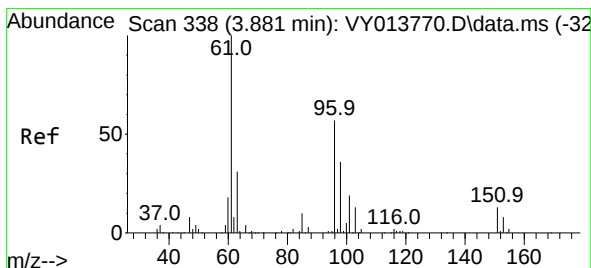
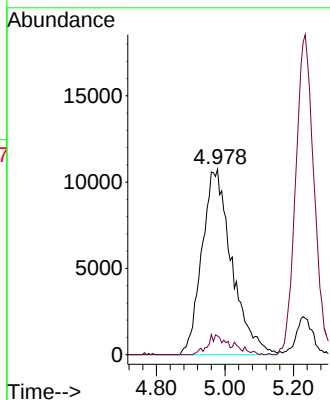
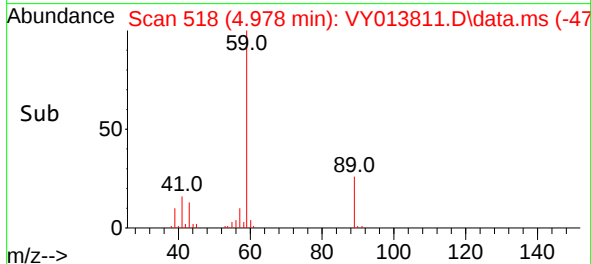
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



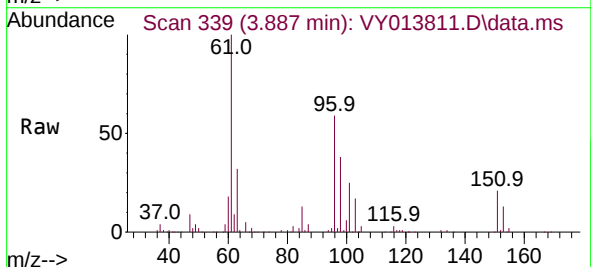
Tgt Ion: 59 Resp: 64949
Ion Ratio Lower Upper
59 100
57 6.2 8.0 12.0

Manual Integrations
APPROVED

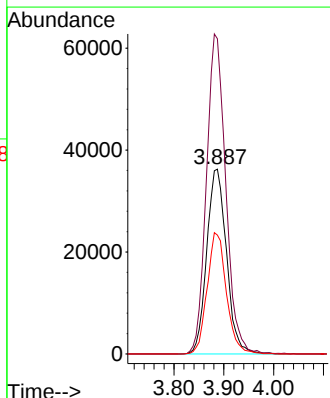
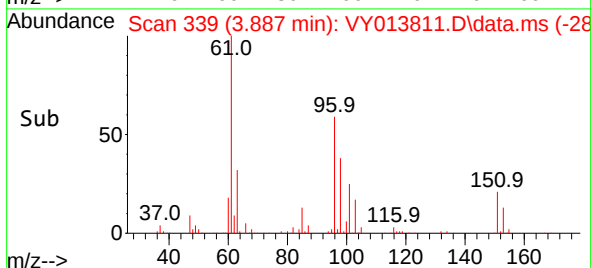
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

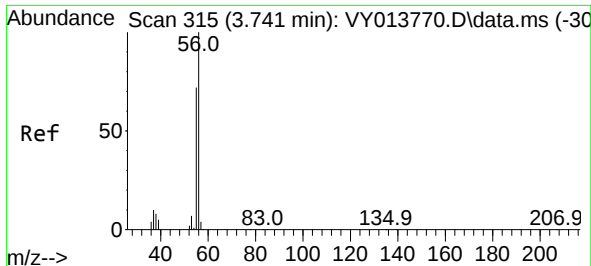


#12
1,1-Dichloroethene
Concen: 47.233 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36



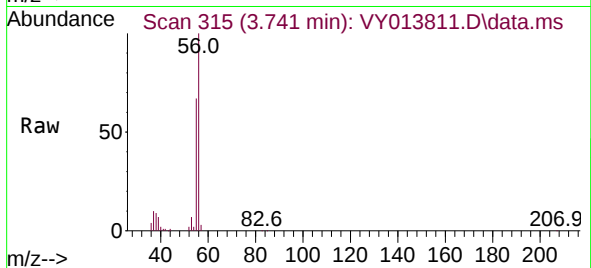
Tgt Ion: 96 Resp: 100001
Ion Ratio Lower Upper
96 100
61 170.6 139.8 209.6
98 64.3 49.7 74.5





#13
Acrolein
Concen: 196.607 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

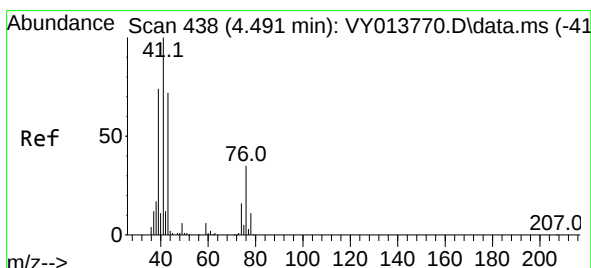
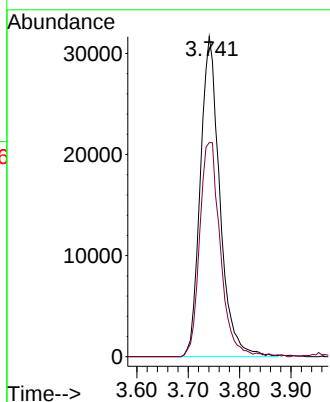
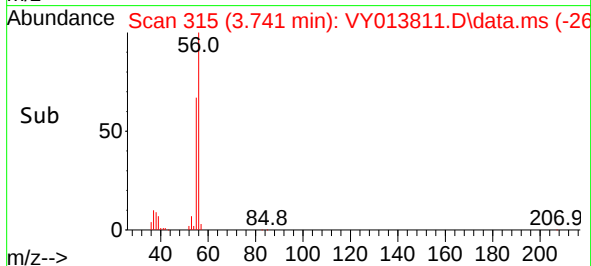
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 83390
Ion Ratio Lower Upper
56 100
55 70.5 57.5 86.3

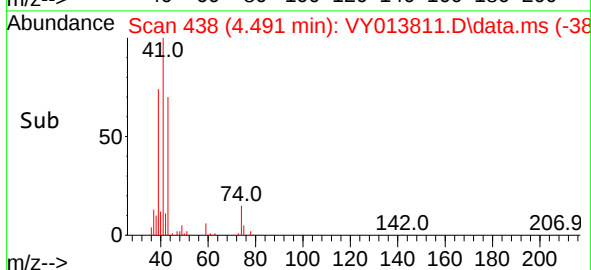
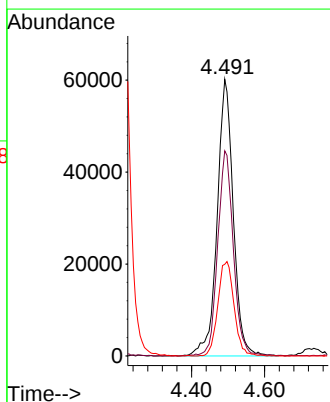
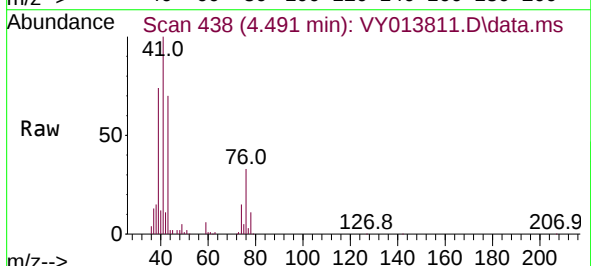
Manual Integrations
APPROVED

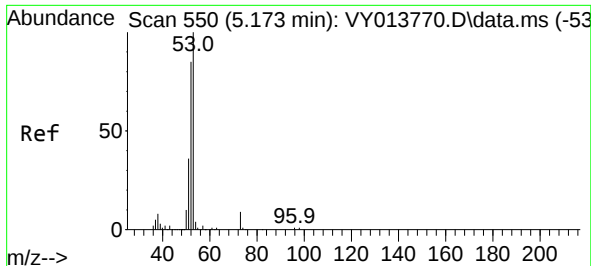
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#14
Allyl chloride
Concen: 44.380 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

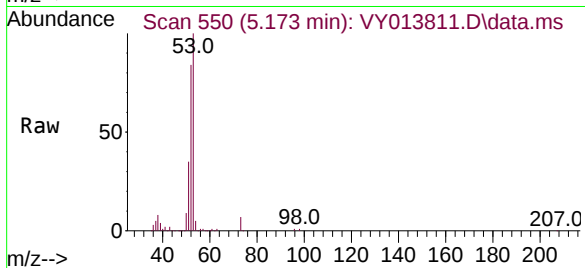
Tgt Ion: 41 Resp: 185093
Ion Ratio Lower Upper
41 100
39 71.9 55.8 83.6
76 34.2 26.2 39.2





#15
Acrylonitrile
Concen: 216.795 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

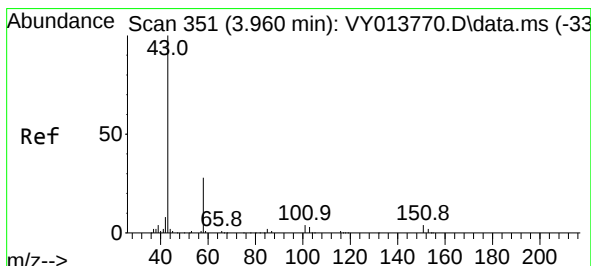
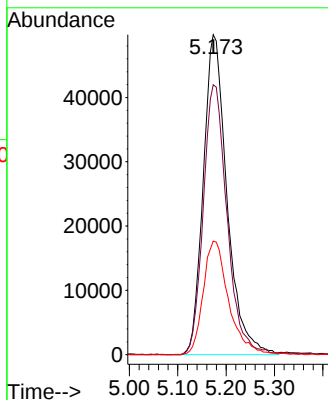
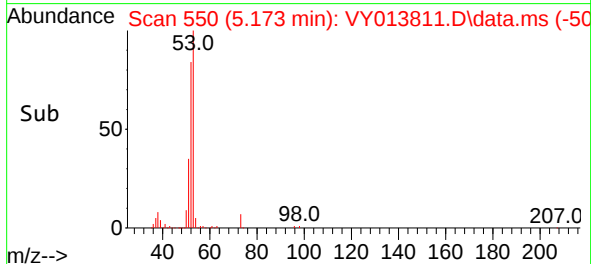
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



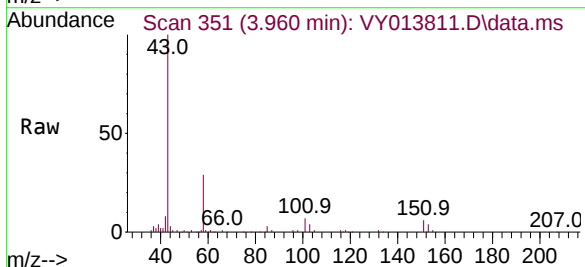
Tgt Ion: 53 Resp: 169780
Ion Ratio Lower Upper
53 100
52 84.5 66.5 99.7
51 38.2 30.1 45.1

Manual Integrations
APPROVED

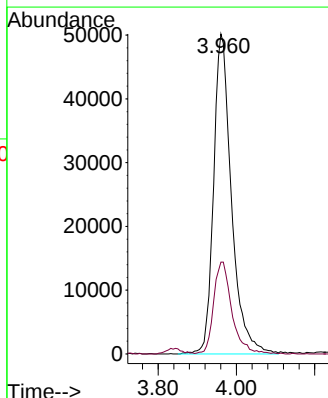
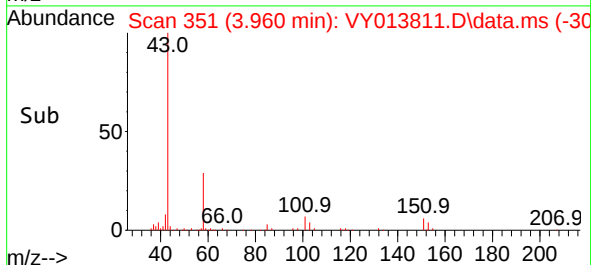
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

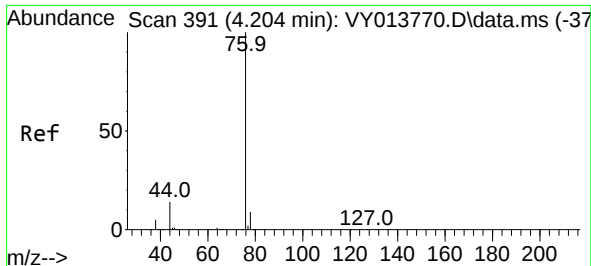


#16
Acetone
Concen: 180.041 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36



Tgt Ion: 43 Resp: 159197
Ion Ratio Lower Upper
43 100
58 28.6 23.7 35.5





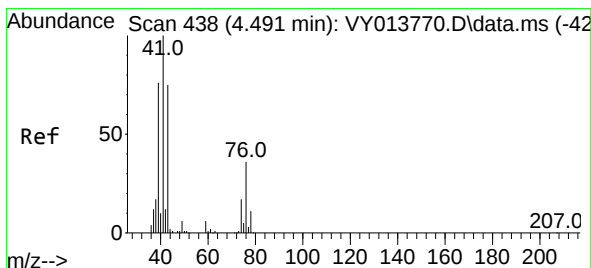
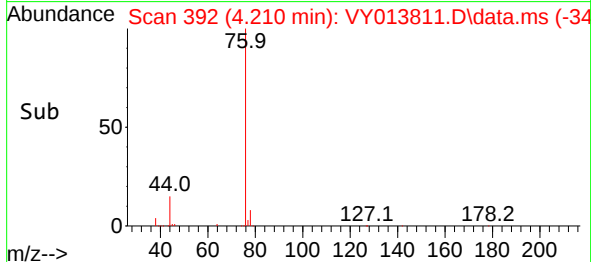
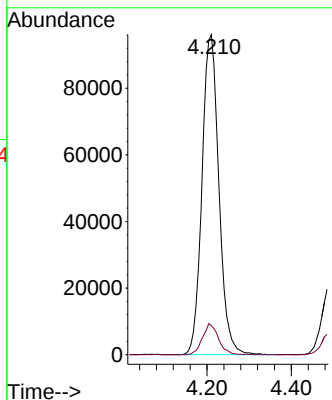
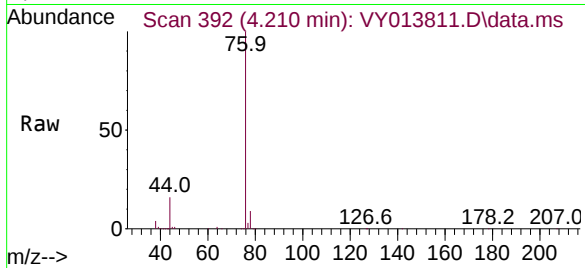
#17
Carbon Disulfide
Concen: 44.043 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 267949
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

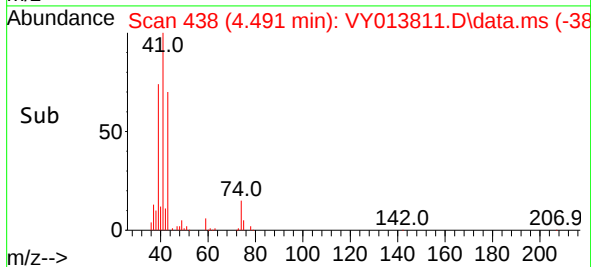
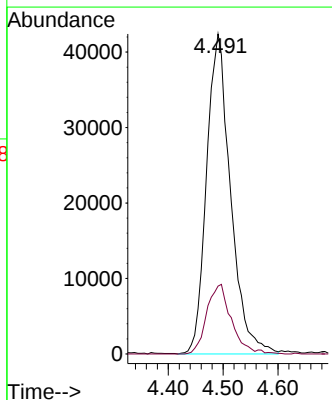
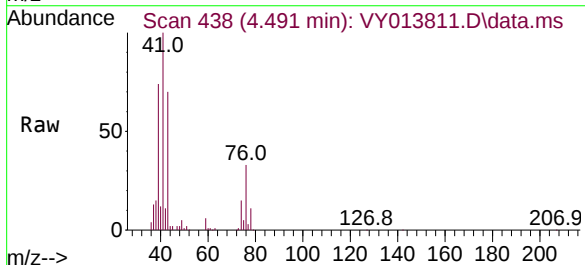
Manual Integrations
APPROVED

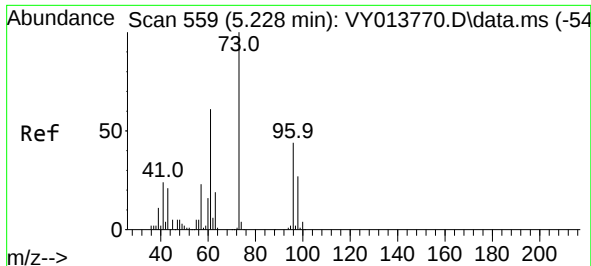
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#18
Methyl Acetate
Concen: 41.820 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

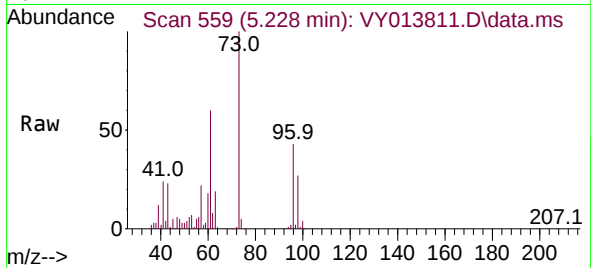
Tgt Ion: 43 Resp: 128920
Ion Ratio Lower Upper
43 100
74 22.4 16.6 25.0





#19
Methyl tert-butyl Ether
Concen: 48.052 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

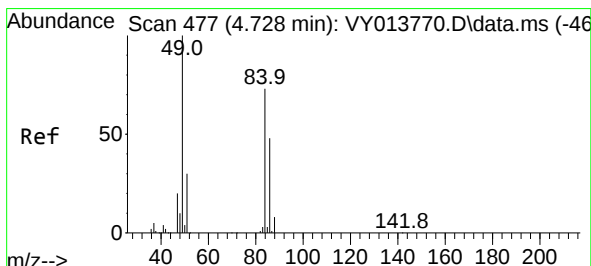
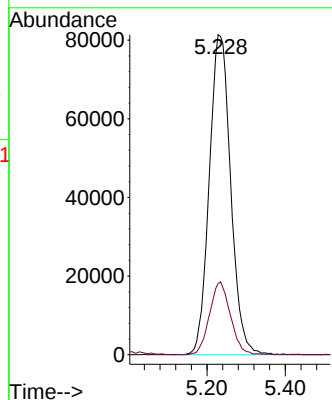
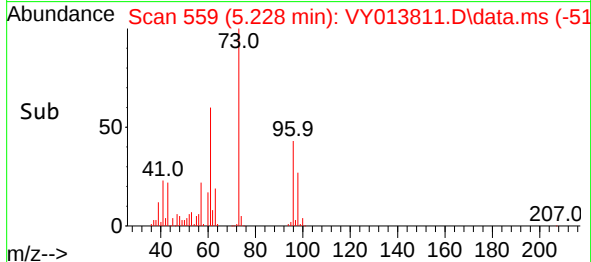
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



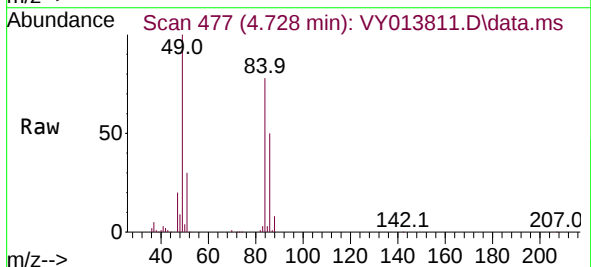
Tgt Ion: 73 Resp: 308659
Ion Ratio Lower Upper
73 100
57 22.3 18.6 27.8

Manual Integrations
APPROVED

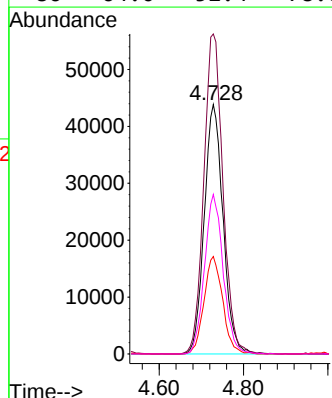
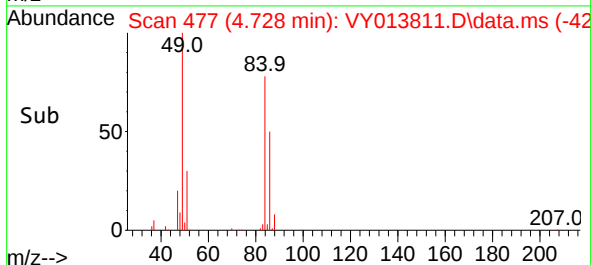
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

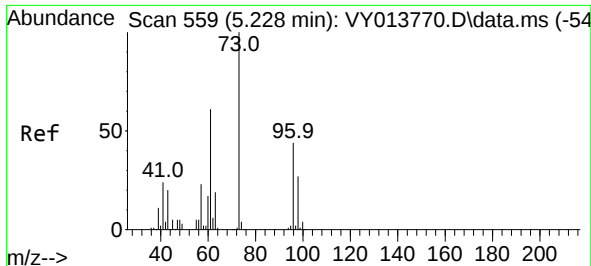


#20
Methylene Chloride
Concen: 51.330 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36



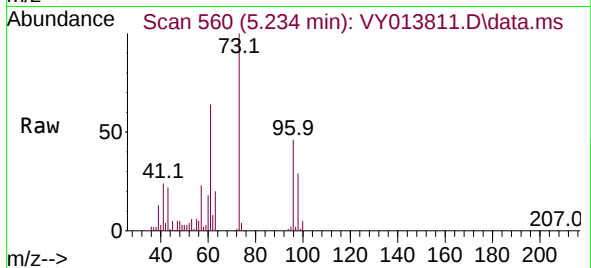
Tgt Ion: 84 Resp: 136398
Ion Ratio Lower Upper
84 100
49 128.3 109.4 164.0
51 39.0 32.8 49.2
86 64.0 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 47.900 ug/l
RT: 5.234 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

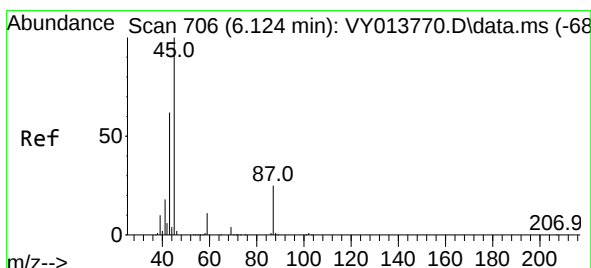
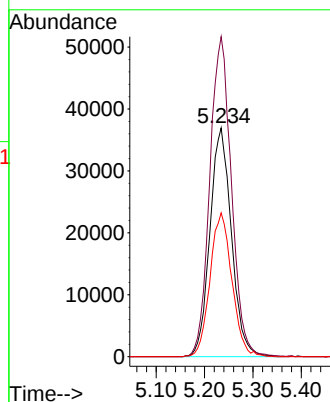
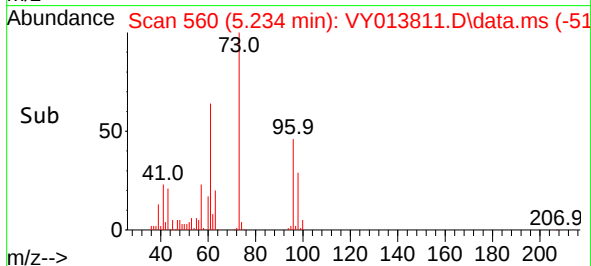
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 11419
Ion Ratio Lower Upper
96 100
61 139.9 110.8 166.2
98 62.9 48.6 72.8

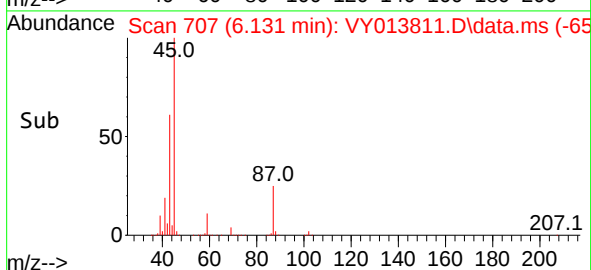
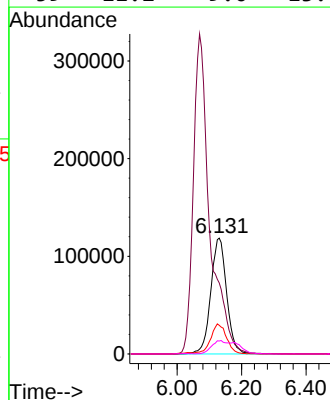
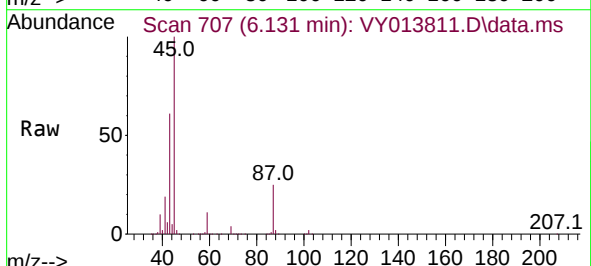
Manual Integrations
APPROVED

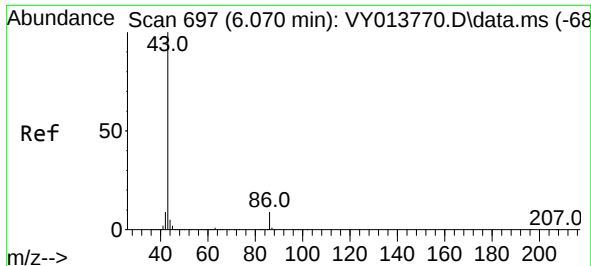
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#22
Diisopropyl ether
Concen: 45.563 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

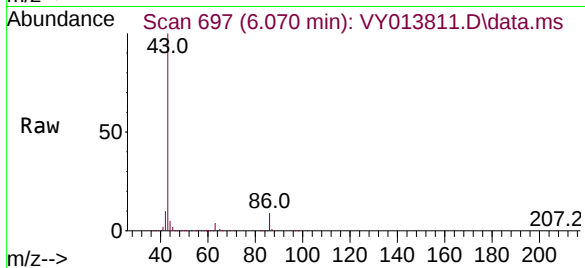
Tgt Ion: 45 Resp: 404206
Ion Ratio Lower Upper
45 100
43 61.0 49.7 74.5
87 24.7 19.9 29.9
59 11.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 225.307 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY013811.D
 Acq: 18 May 2023 19:36

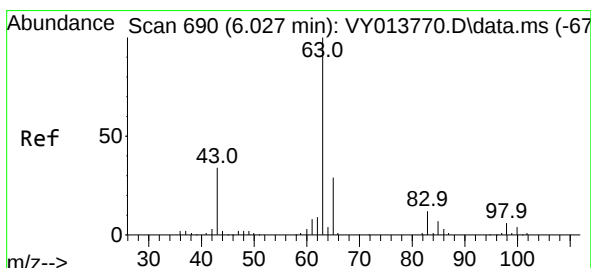
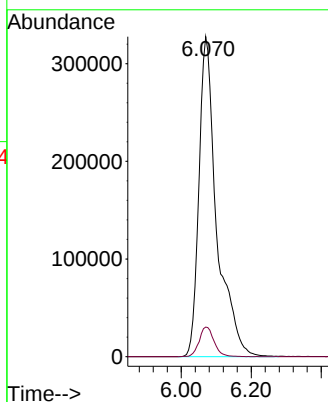
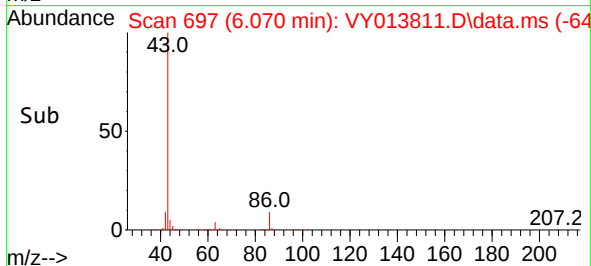
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



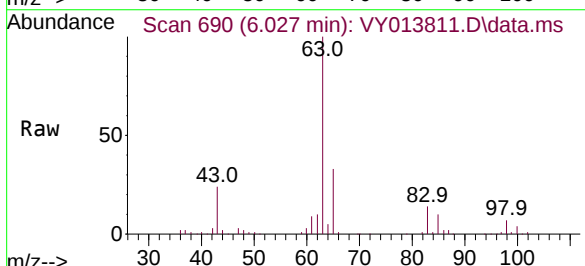
Tgt Ion: 43 Resp: 1156630
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.0 10.4

Manual Integrations
 APPROVED

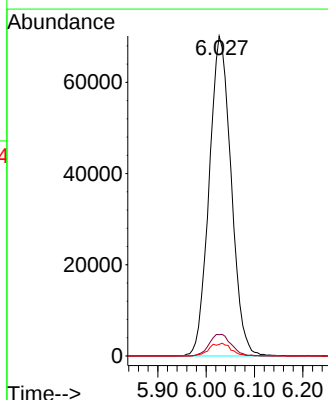
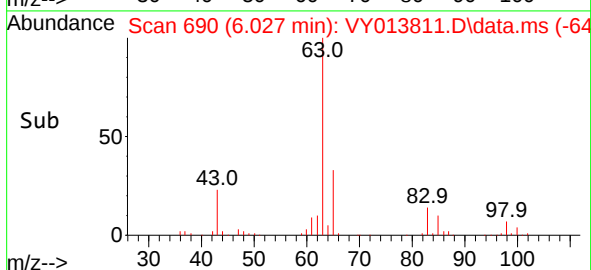
Reviewed By :Krupa Patel 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023

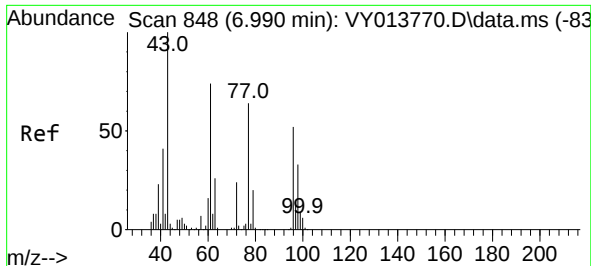


#24
 1,1-Dichloroethane
 Concen: 45.667 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.000 min
 Lab File: VY013811.D
 Acq: 18 May 2023 19:36



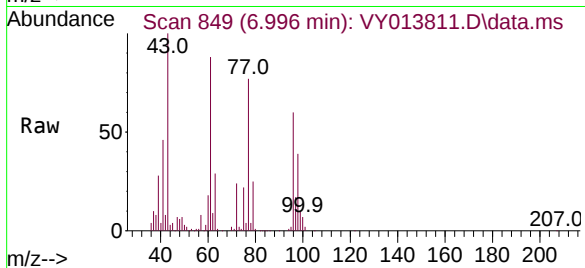
Tgt Ion: 63 Resp: 221467
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.0 9.0
 100 3.6 2.0 6.0





#25
2-Butanone
Concen: 199.780 ug/l
RT: 6.996 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

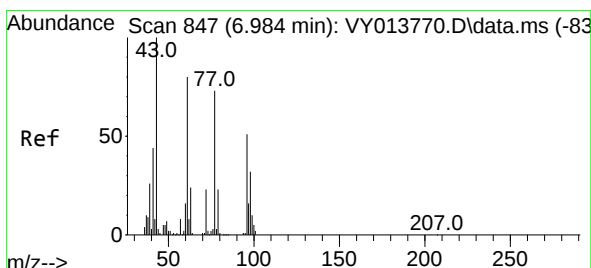
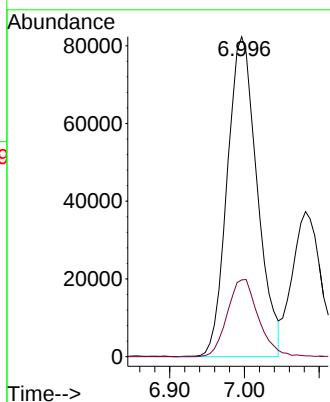
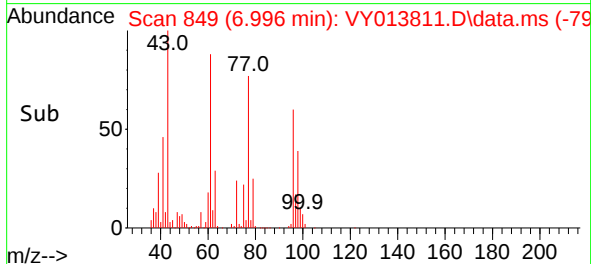
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 229638
Ion Ratio Lower Upper
43 100
72 24.0 19.0 28.6

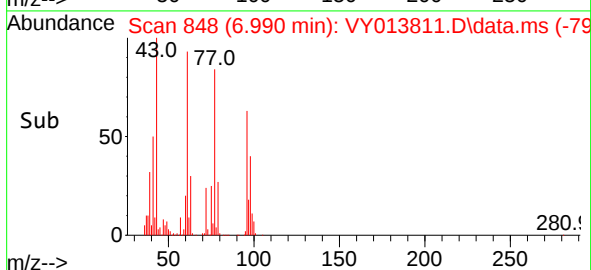
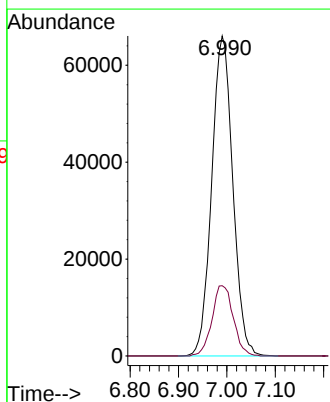
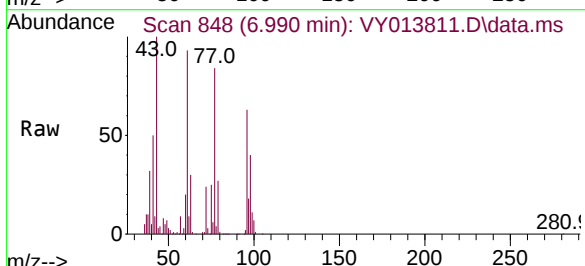
Manual Integrations
APPROVED

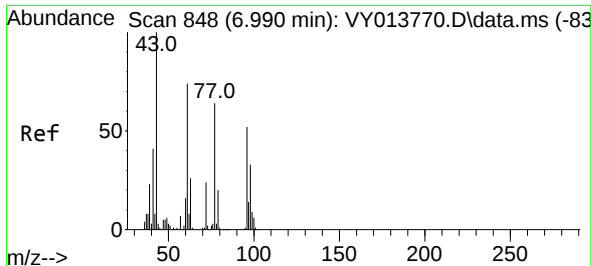
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#26
2,2-Dichloropropane
Concen: 48.290 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

Tgt Ion: 77 Resp: 200042
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 48.865 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY013811.D

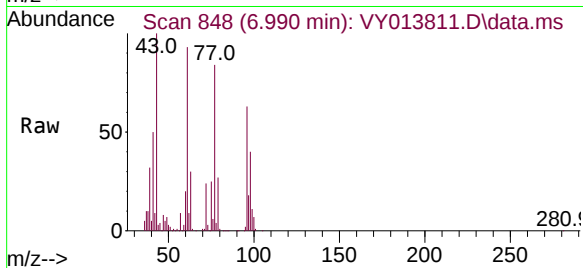
Acq: 18 May 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



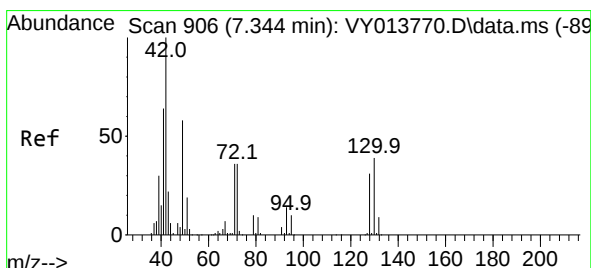
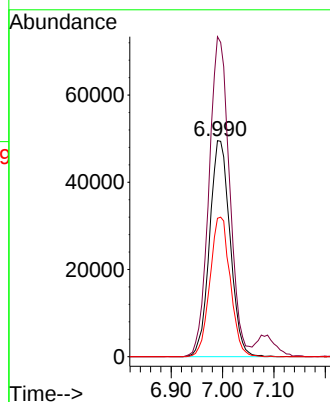
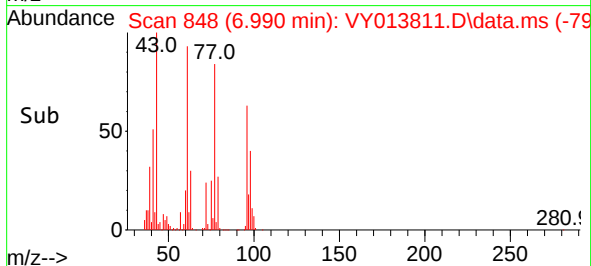
Tgt Ion:	96	Resp:	13726
Ion	Ratio	Lower	Upper
96	100		
61	148.7	0.0	300.6
98	64.0	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#28

Bromochloromethane

Concen: 41.235 ug/l

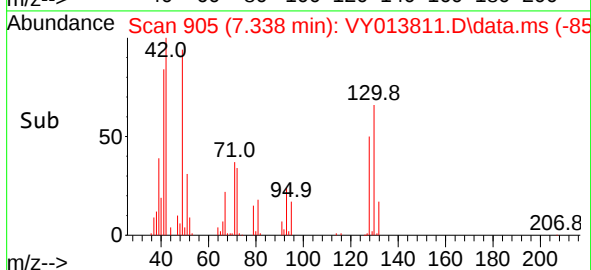
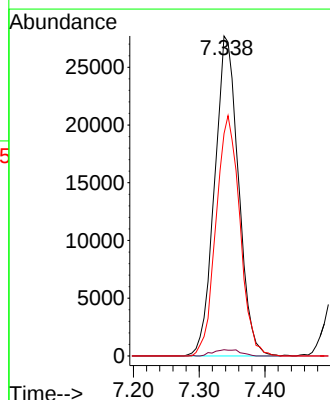
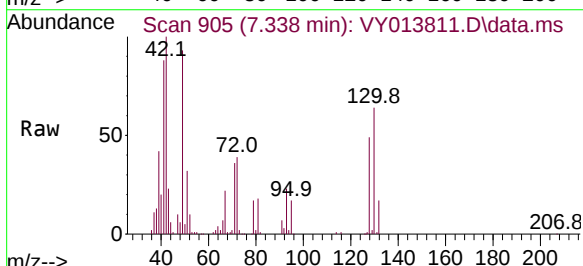
RT: 7.338 min Scan# 905

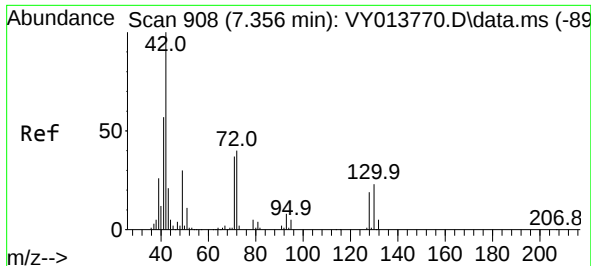
Delta R.T. -0.006 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

Tgt Ion:	49	Resp:	69969
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	75.1	54.4	81.6





#29

Tetrahydrofuran

Concen: 210.486 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 144760

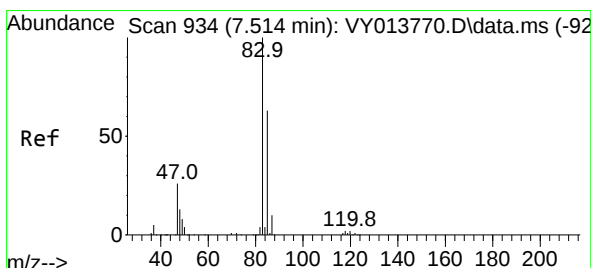
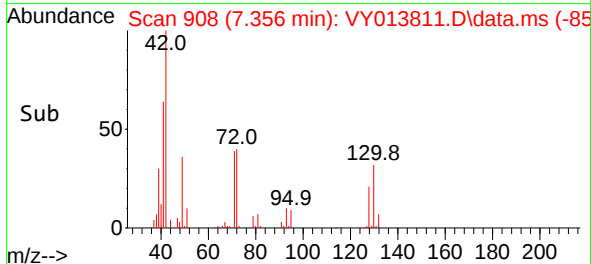
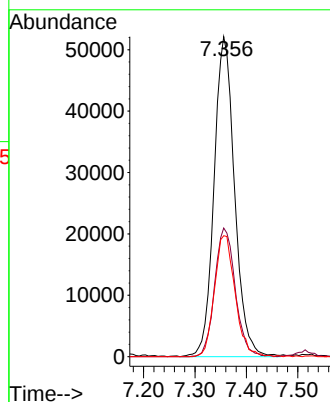
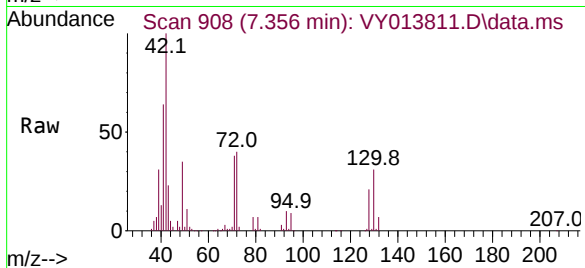
Ion	Ratio	Lower	Upper
42	100		
72	40.4	30.7	46.1
71	38.1	29.0	43.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#30

Chloroform

Concen: 48.512 ug/l

RT: 7.514 min Scan# 934

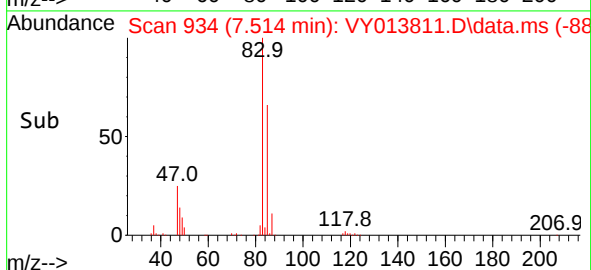
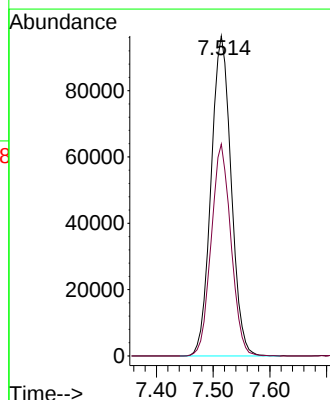
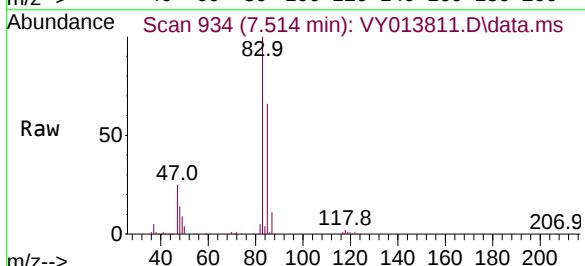
Delta R.T. -0.000 min

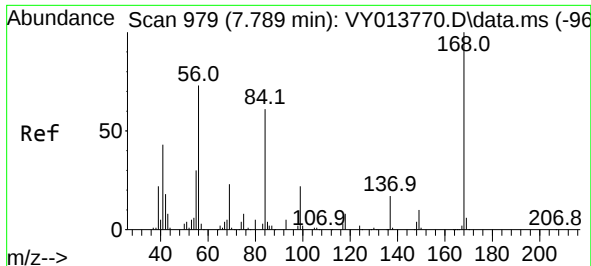
Lab File: VY013811.D

Acq: 18 May 2023 19:36

Tgt Ion: 83 Resp: 237075

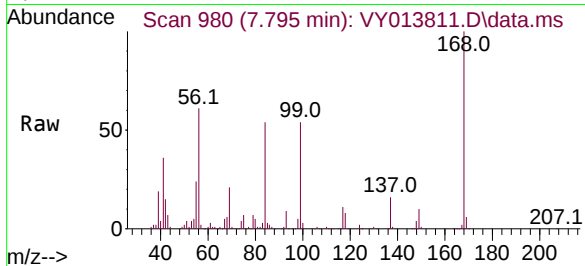
Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.5	75.7





#31
Cyclohexane
Concen: 41.783 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

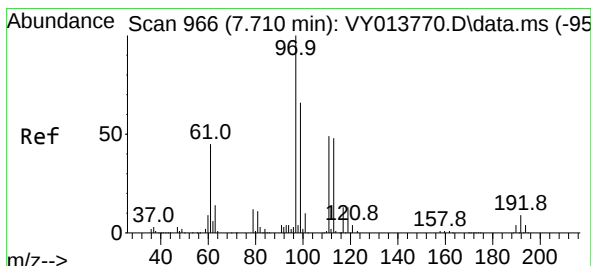
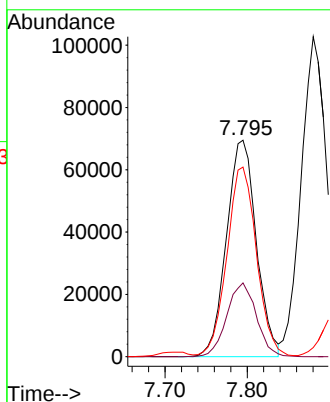
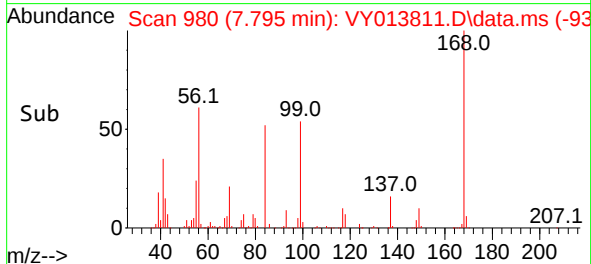
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



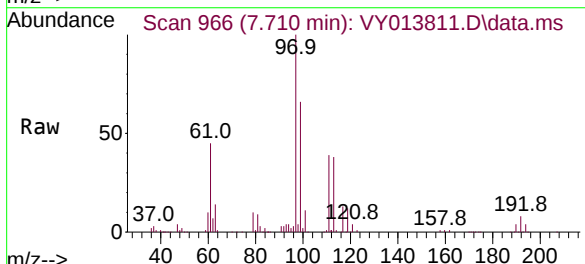
Tgt Ion: 56 Resp: 175572
Ion Ratio Lower Upper
56 100
69 34.1 25.8 38.6
84 85.5 65.8 98.6

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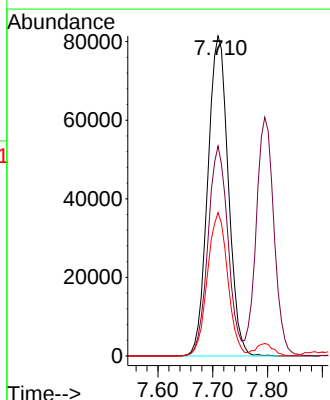
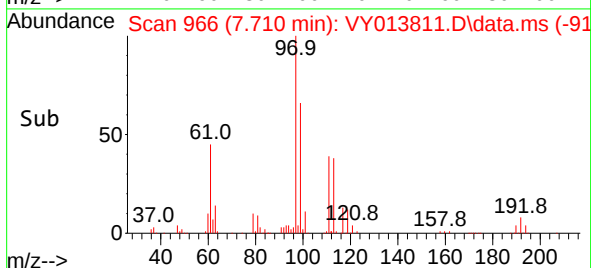
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

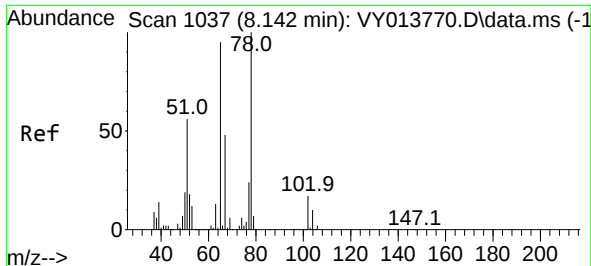


#32
1,1,1-Trichloroethane
Concen: 50.646 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36



Tgt Ion: 97 Resp: 211273
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 44.5 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 48.379 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 141789

Ion Ratio Lower Upper

65 100

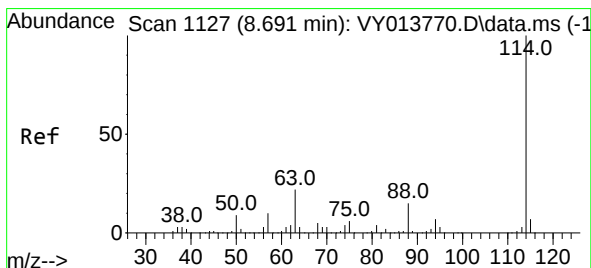
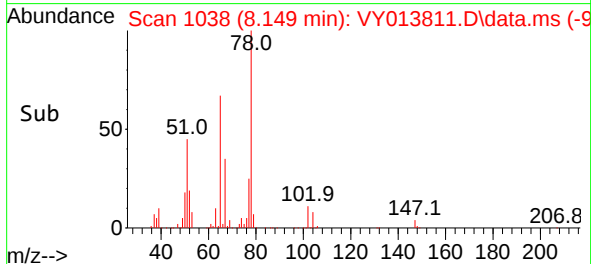
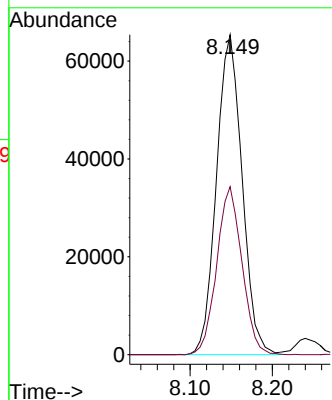
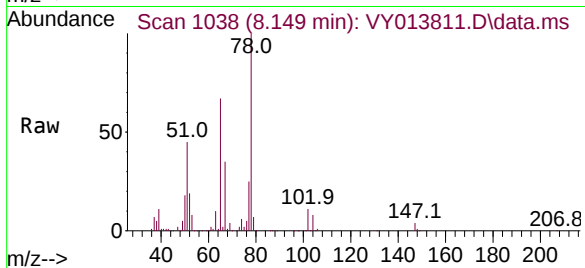
67 51.7 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

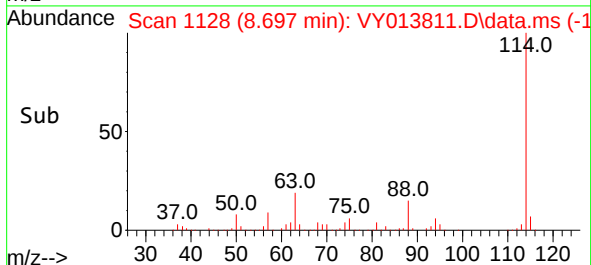
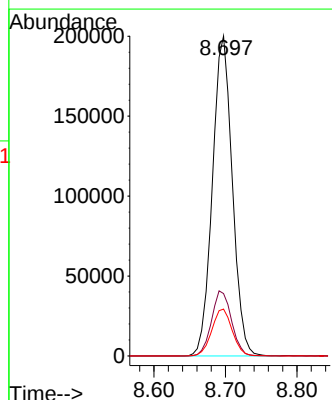
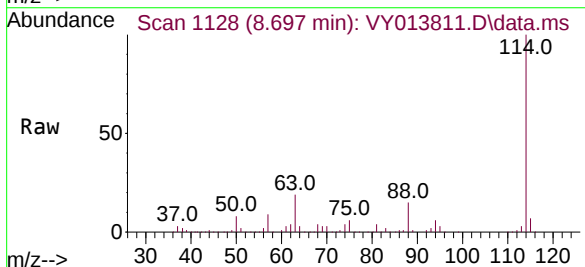
Tgt Ion:114 Resp: 386691

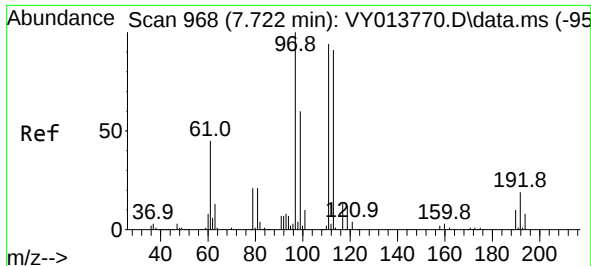
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.8

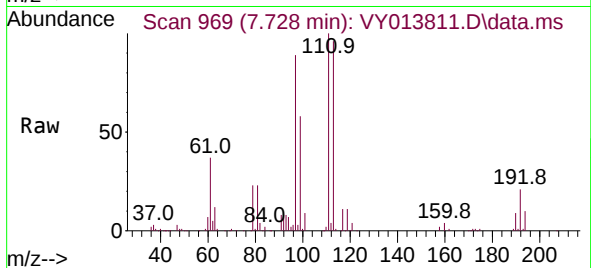
88 14.7 0.0 30.8





#35
Dibromofluoromethane
Concen: 48.600 ug/l
RT: 7.728 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

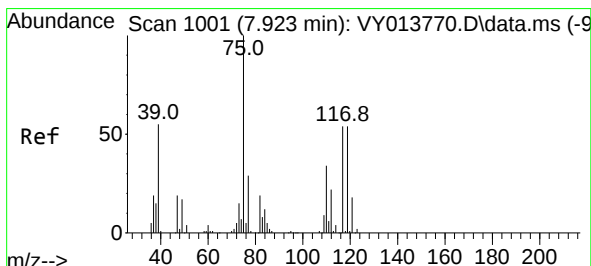
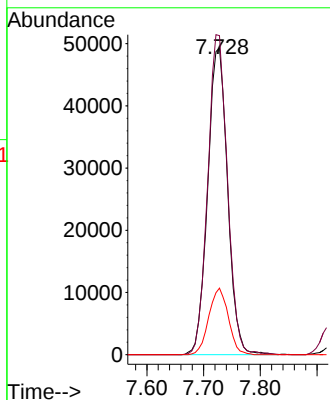
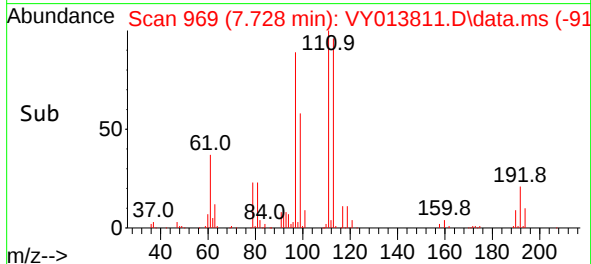
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 120512
Ion Ratio Lower Upper
113 100
111 103.1 82.3 123.5
192 21.2 16.0 24.0

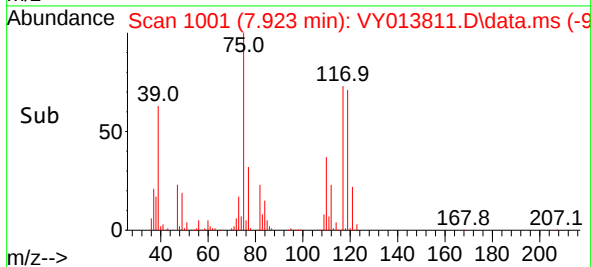
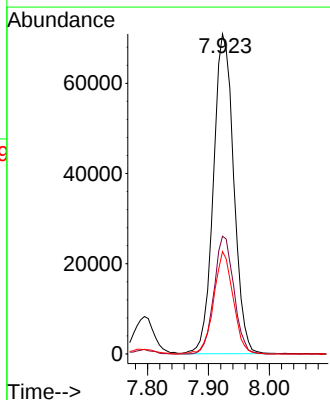
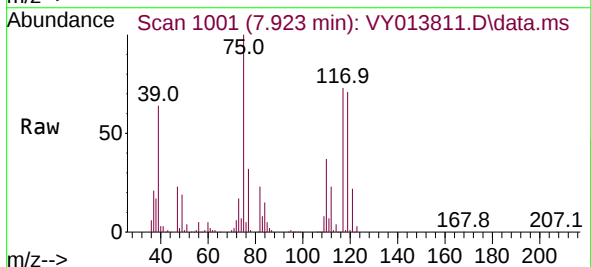
Manual Integrations
APPROVED

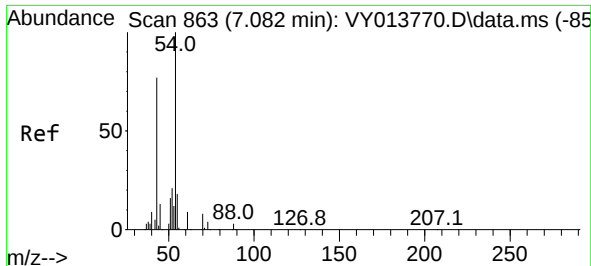
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#36
1,1-Dichloropropene
Concen: 47.974 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

Tgt Ion: 75 Resp: 164365
Ion Ratio Lower Upper
75 100
110 35.9 17.3 51.7
77 30.6 24.6 36.8





#37

Ethyl Acetate

Concen: 43.575 ug/l

RT: 7.082 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY013811.D

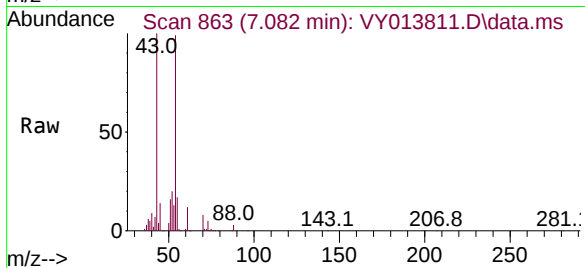
Acq: 18 May 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



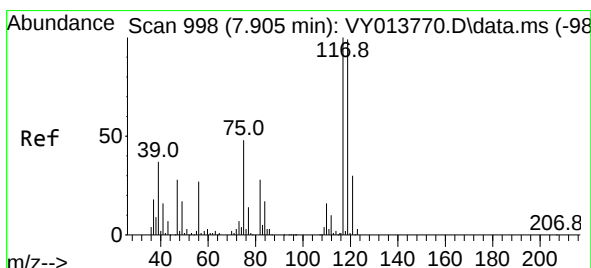
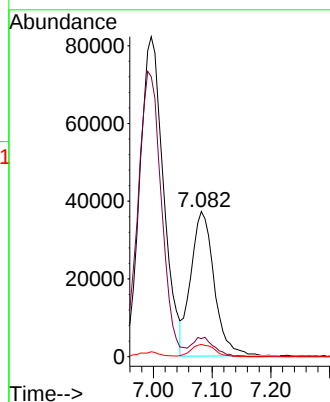
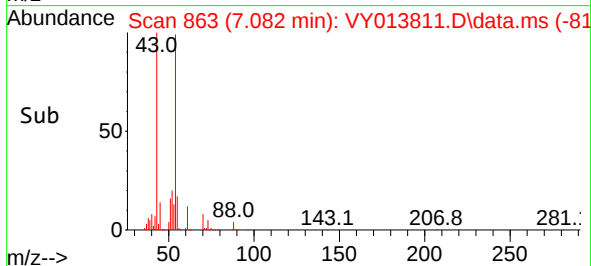
Tgt Ion:	43	Resp:	10269
Ion Ratio	Lower	Upper	
43	100		
61	12.5	10.7	16.1
70	8.5	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#38

Carbon Tetrachloride

Concen: 53.050 ug/l

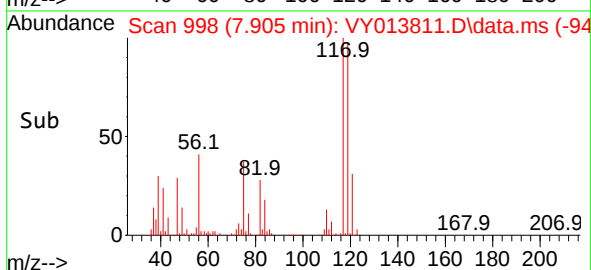
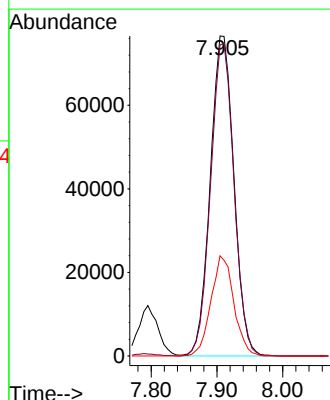
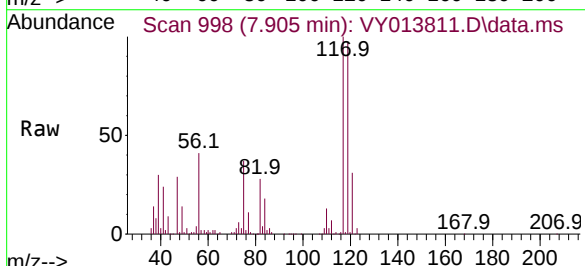
RT: 7.905 min Scan# 998

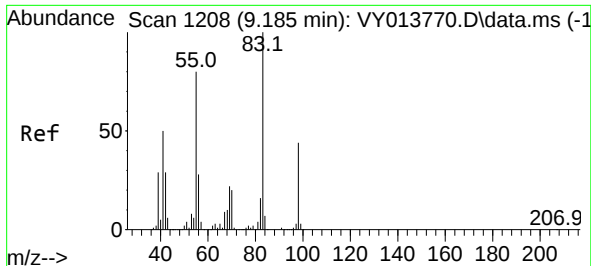
Delta R.T. 0.000 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

Tgt Ion:	117	Resp:	191743
Ion Ratio	Lower	Upper	
117	100		
119	97.2	79.0	118.6
121	31.3	24.1	36.1





#39

Methylcyclohexane

Concen: 47.513 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

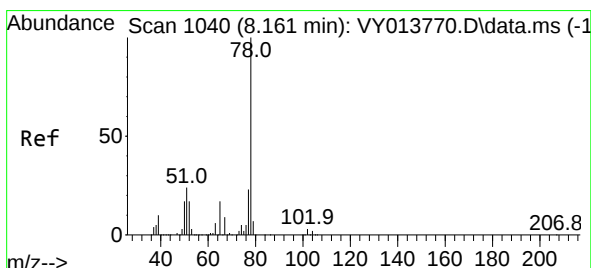
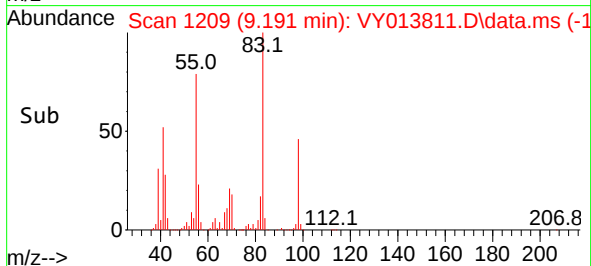
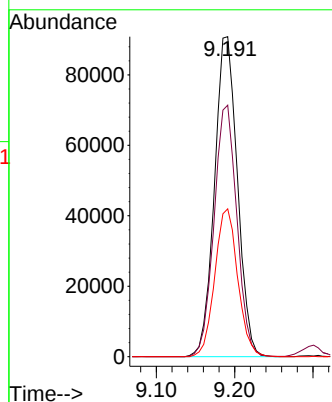
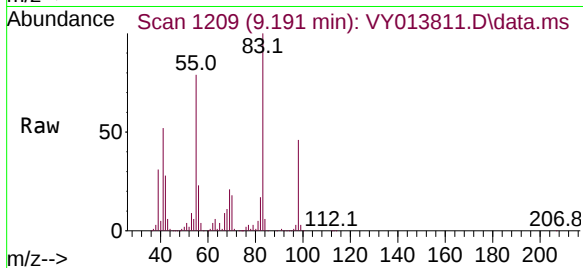
Tgt Ion:	83	Resp:	18502
Ion	Ratio	Lower	Upper
83	100		
55	78.6	63.7	95.5
98	46.2	35.0	52.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#40

Benzene

Concen: 48.738 ug/l

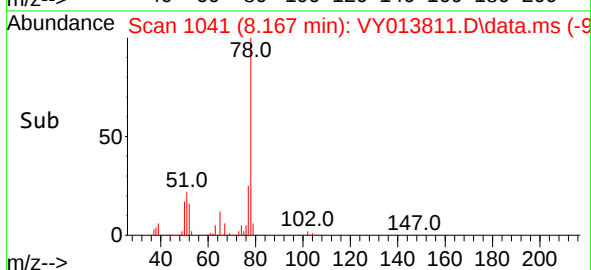
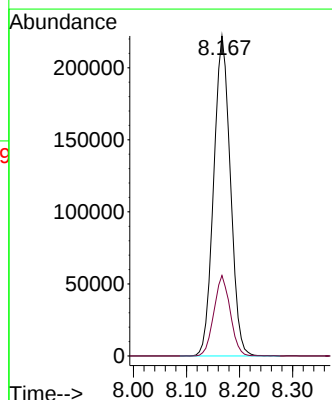
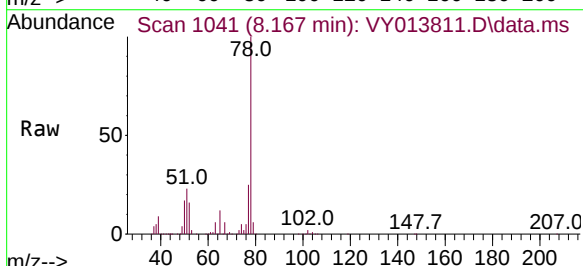
RT: 8.167 min Scan# 1041

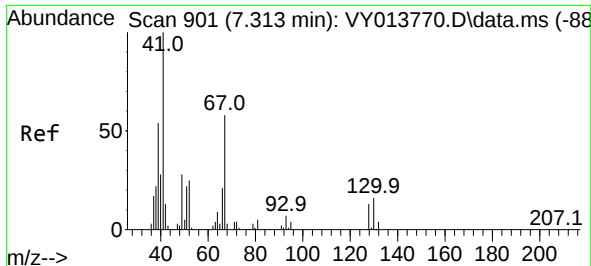
Delta R.T. 0.006 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

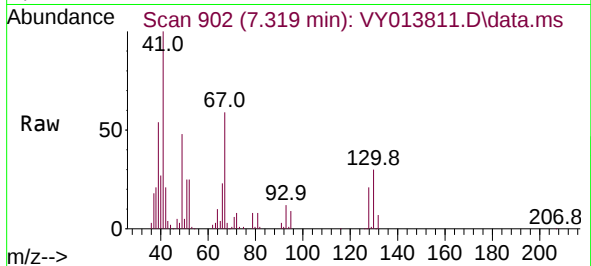
Tgt Ion:	78	Resp:	485255
Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.6	27.8





#41
Methacrylonitrile
Concen: 50.804 ug/l
RT: 7.319 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

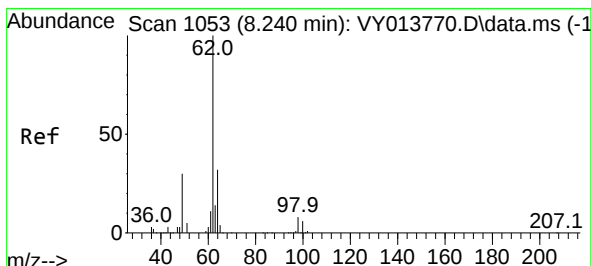
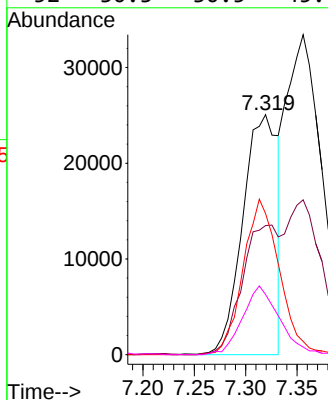
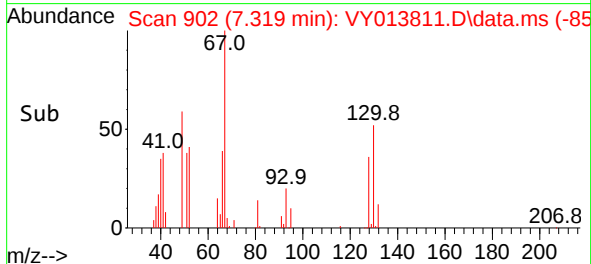
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 59499
Ion Ratio Lower Upper
41 100
39 55.8 59.5 89.3
67 67.5 69.1 103.7
52 30.3 30.5 45.7

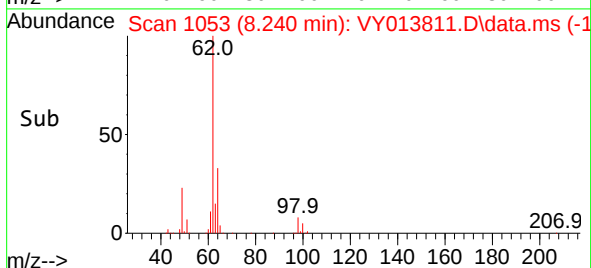
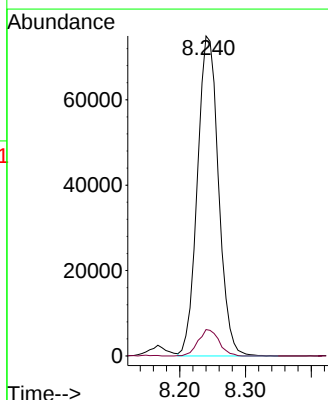
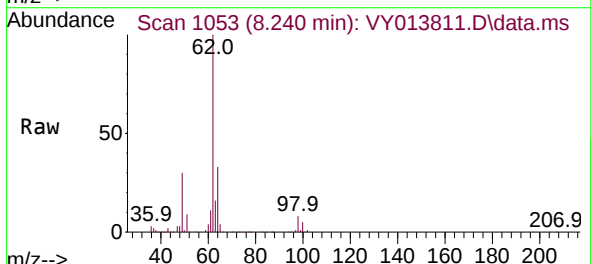
Manual Integrations
APPROVED

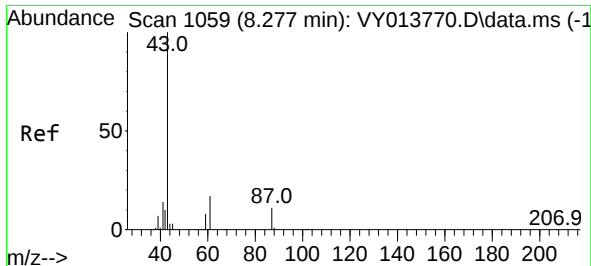
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#42
1,2-Dichloroethane
Concen: 52.018 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

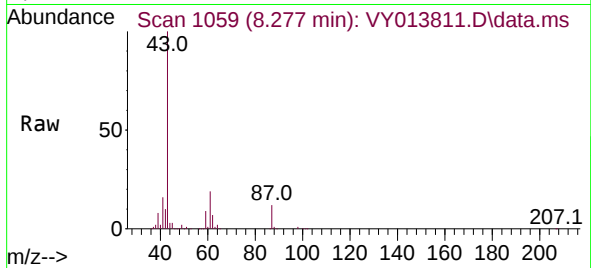
Tgt Ion: 62 Resp: 167341
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.8





#43
Isopropyl Acetate
Concen: 44.245 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

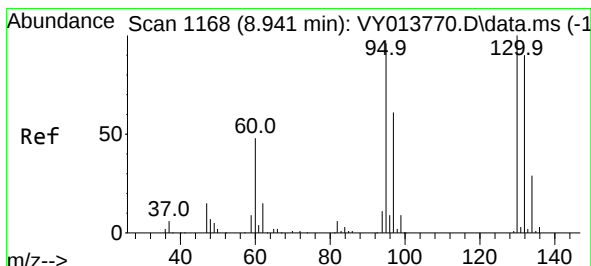
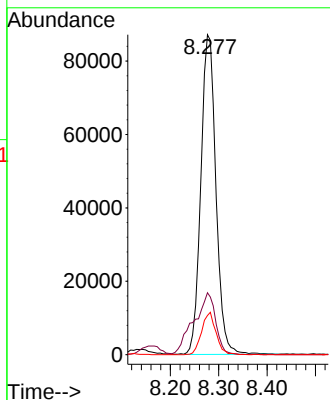
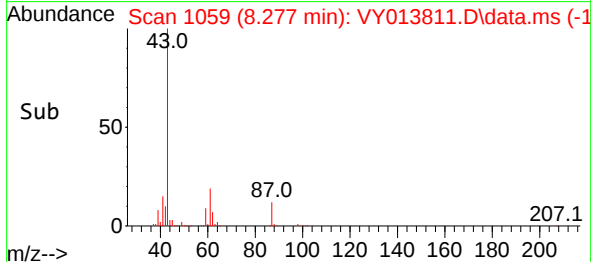
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



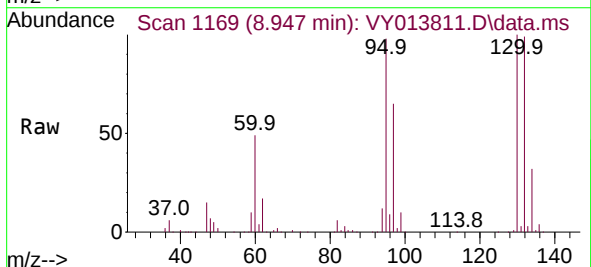
Tgt Ion: 43 Resp: 18926
Ion Ratio Lower Upper
43 100
61 27.8 20.6 31.0
87 12.6 9.0 13.6

Manual Integrations
APPROVED

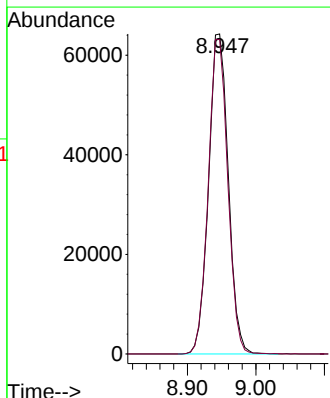
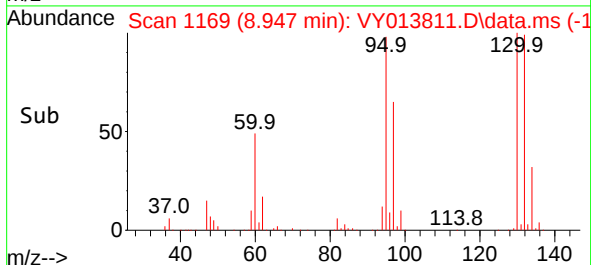
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

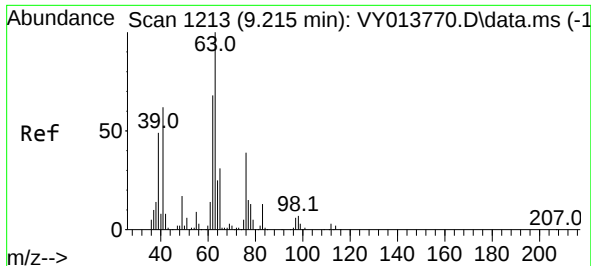


#44
Trichloroethene
Concen: 49.312 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36



Tgt Ion:130 Resp: 128346
Ion Ratio Lower Upper
130 100
95 98.2 0.0 193.0





#45

1,2-Dichloropropane

Concen: 46.815 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 128084

Ion Ratio Lower Upper

63 100

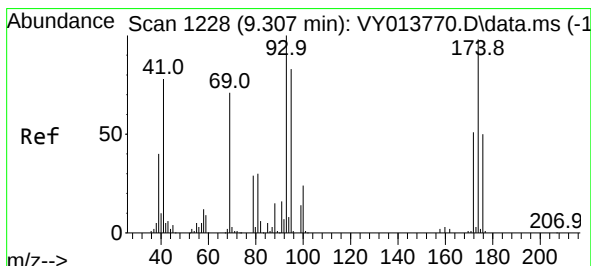
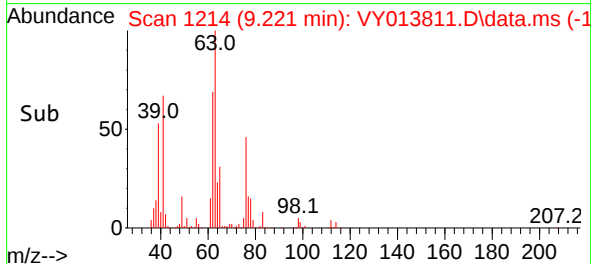
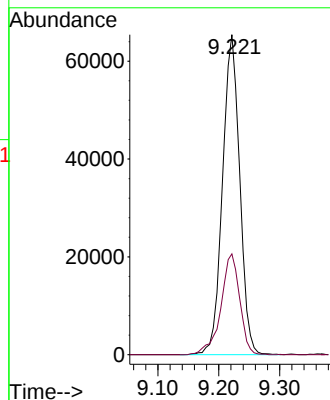
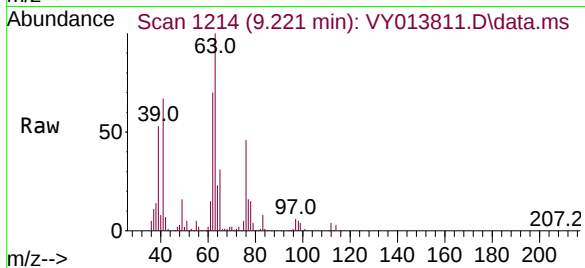
65 31.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#46

Dibromomethane

Concen: 47.884 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

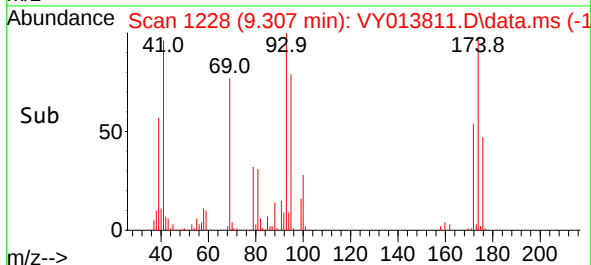
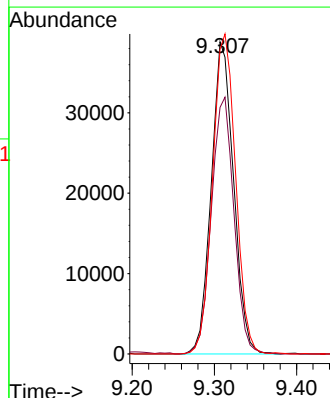
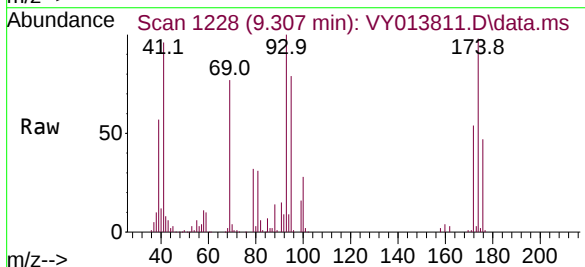
Tgt Ion: 93 Resp: 73372

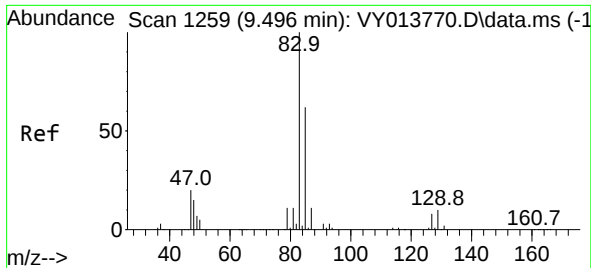
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.6

174 105.5 79.5 119.3





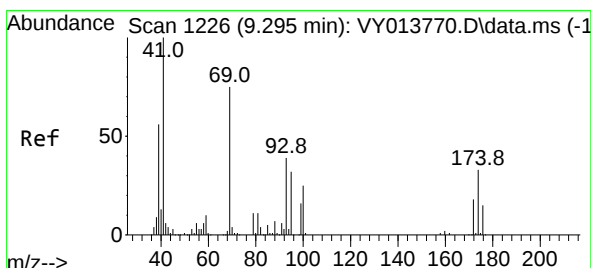
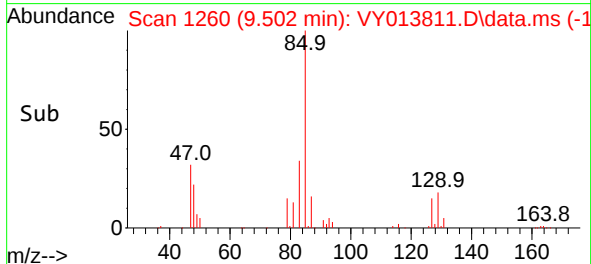
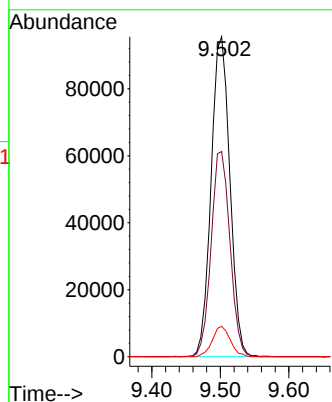
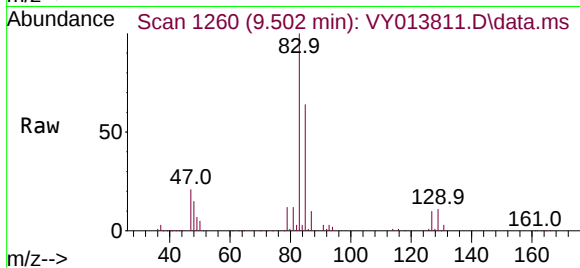
#47
Bromodichloromethane
Concen: 50.086 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 18175
Ion Ratio Lower Upper
83 100
85 64.1 49.6 74.4
127 9.5 6.3 9.5

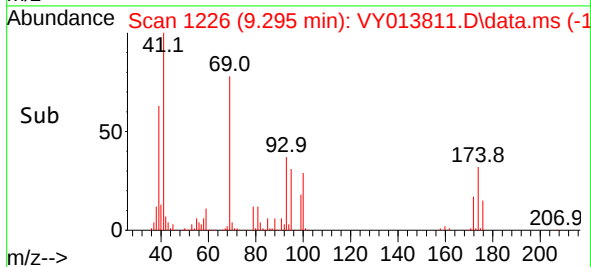
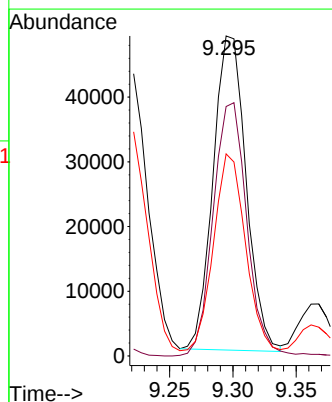
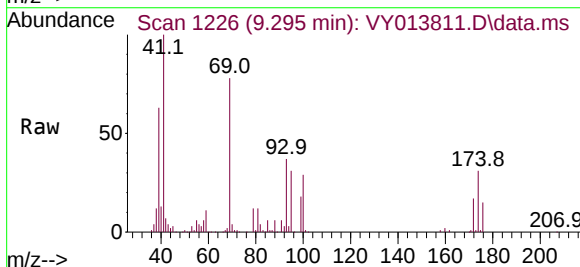
Manual Integrations
APPROVED

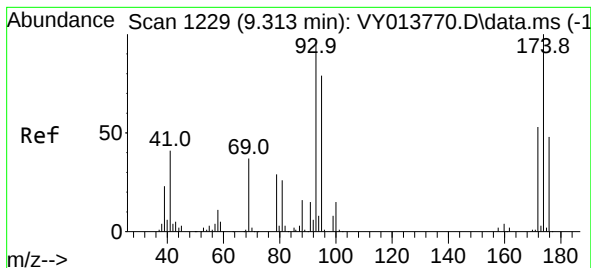
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#48
Methyl methacrylate
Concen: 44.883 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

Tgt Ion: 41 Resp: 88192
Ion Ratio Lower Upper
41 100
69 82.4 63.0 94.6
39 64.0 46.2 69.2





#49

1,4-Dioxane

Concen: 886.420 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 16670

Ion Ratio Lower Upper

88 100

43 33.8 26.1 39.1

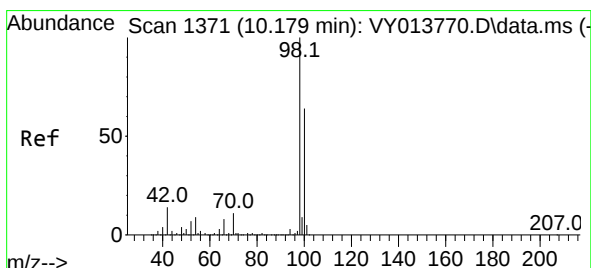
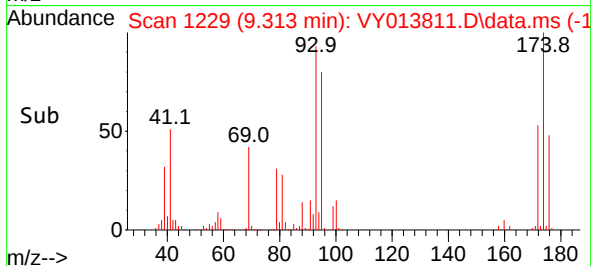
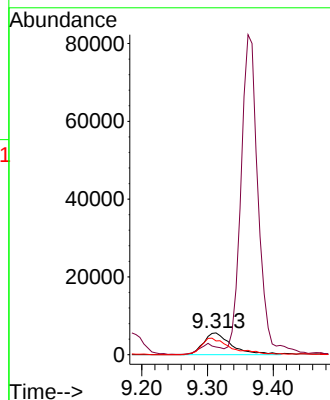
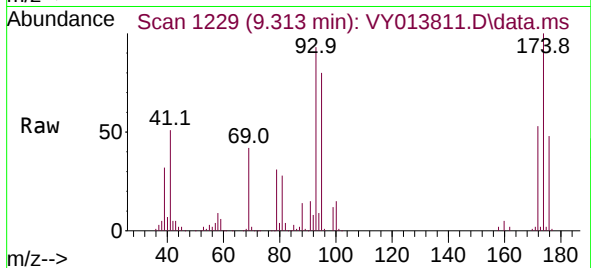
58 80.7 62.2 93.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#50

Toluene-d8

Concen: 49.167 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY013811.D

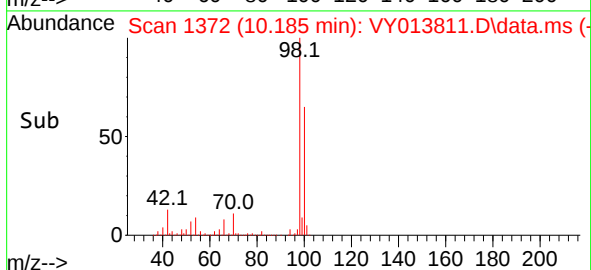
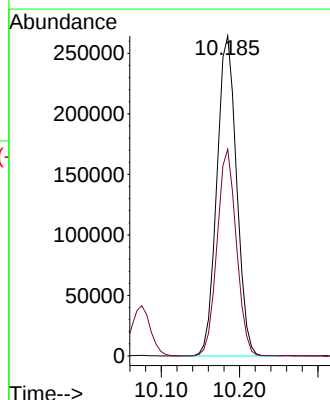
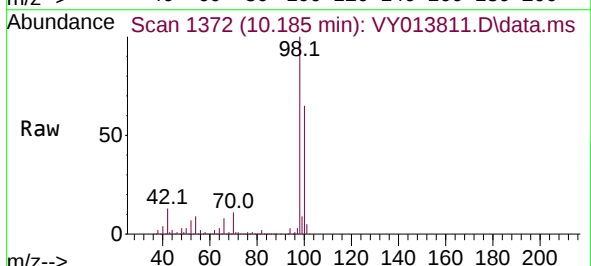
Acq: 18 May 2023 19:36

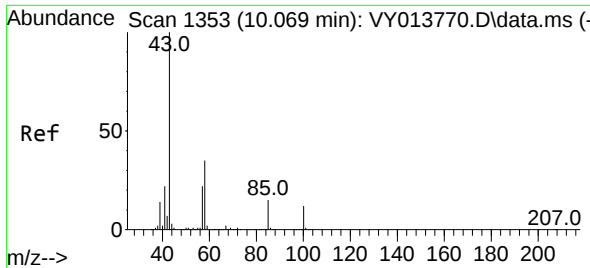
Tgt Ion: 98 Resp: 462208

Ion Ratio Lower Upper

98 100

100 63.0 51.0 76.6





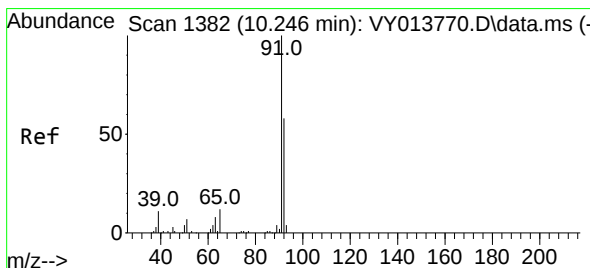
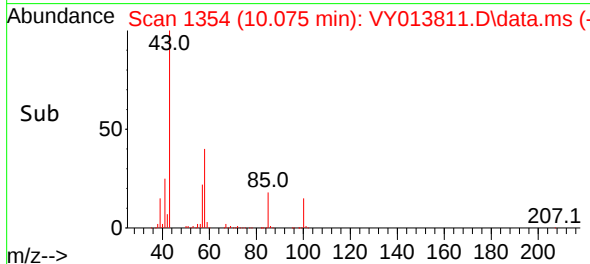
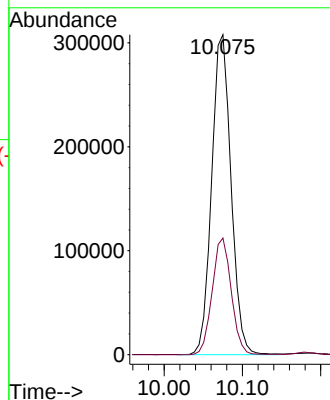
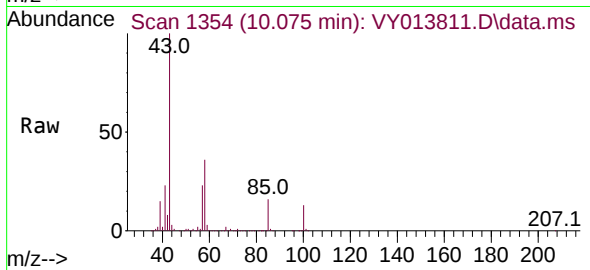
#51
4-Methyl-2-Pentanone
Concen: 221.853 ug/l
RT: 10.075 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 52846
Ion Ratio Lower Upper
43 100
58 35.9 28.2 42.2

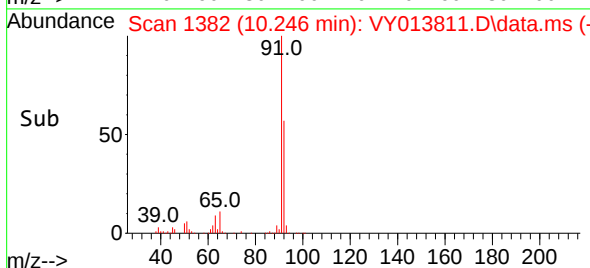
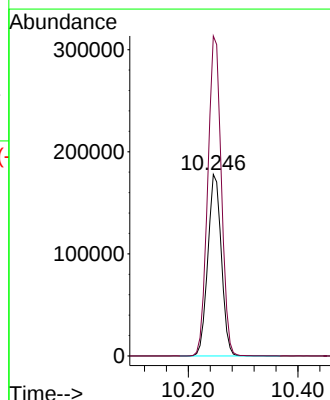
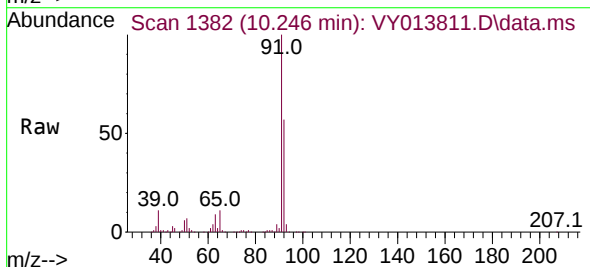
Manual Integrations
APPROVED

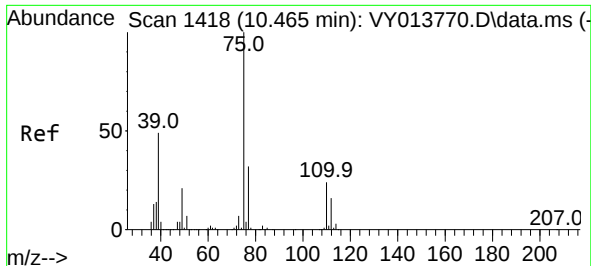
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#52
Toluene
Concen: 50.157 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

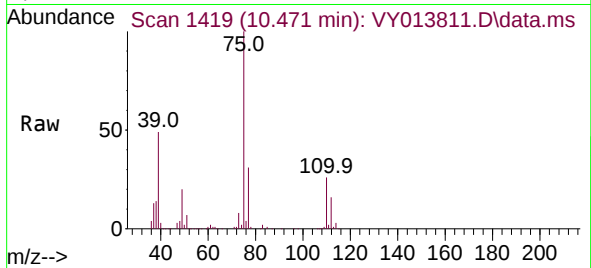
Tgt Ion: 92 Resp: 302744
Ion Ratio Lower Upper
92 100
91 176.9 141.0 211.4





#53
t-1,3-Dichloropropene
Concen: 49.076 ug/l
RT: 10.471 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

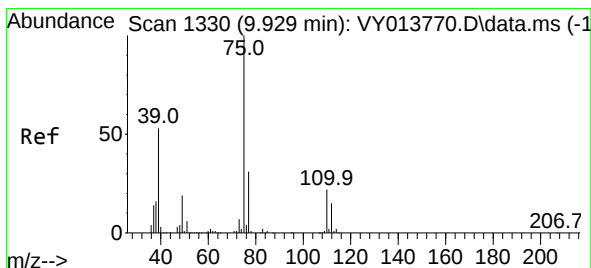
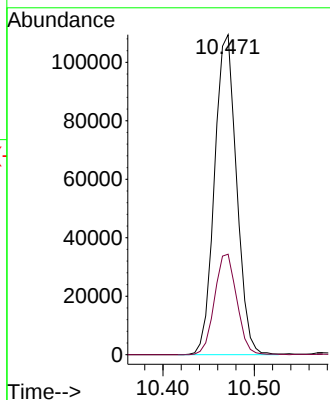
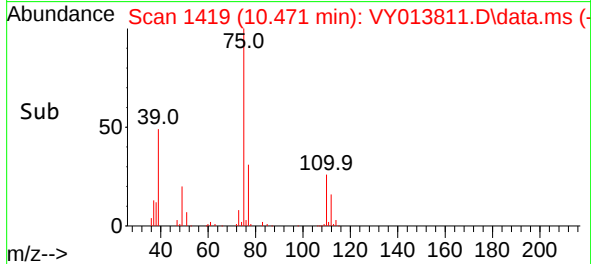
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 183610
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8

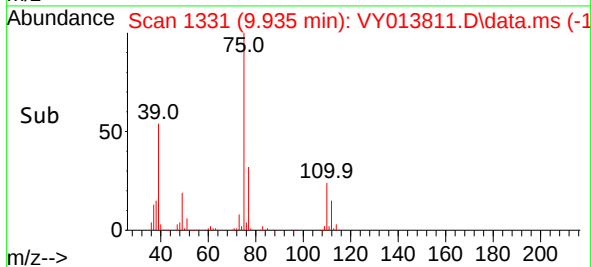
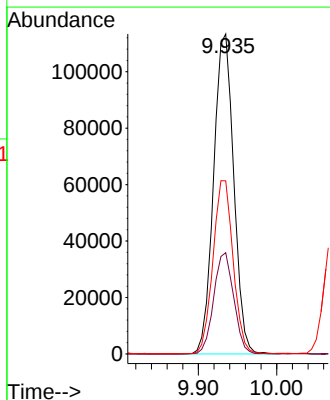
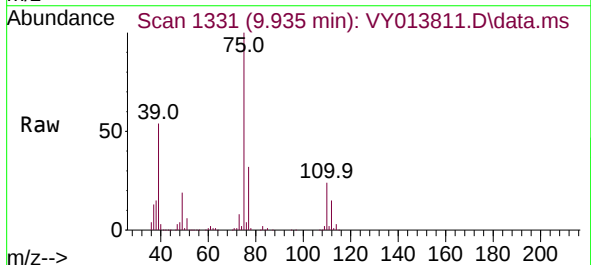
Manual Integrations
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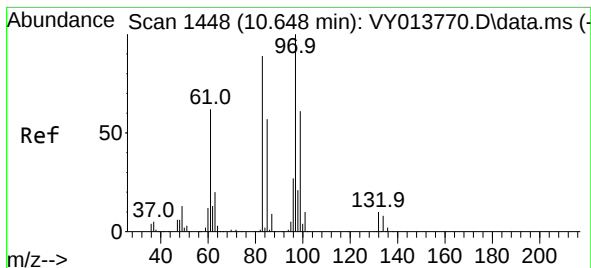
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#54
cis-1,3-Dichloropropene
Concen: 48.566 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

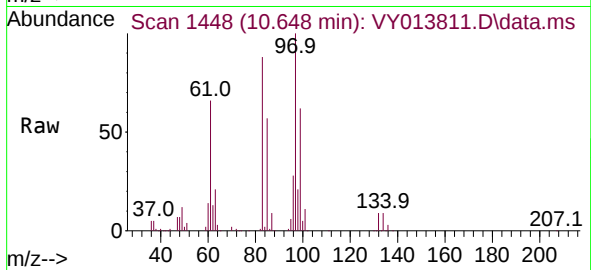
Tgt Ion: 75 Resp: 202740
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 54.1 42.6 63.8





#55
1,1,2-Trichloroethane
Concen: 48.516 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

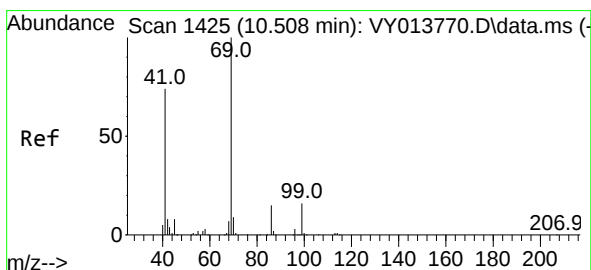
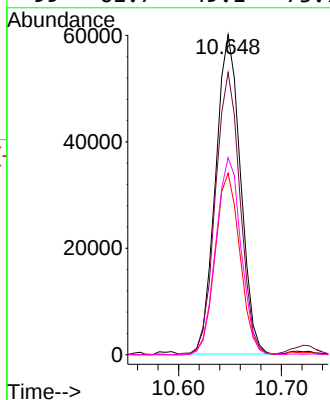
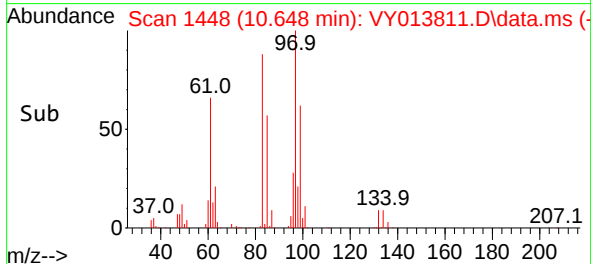
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



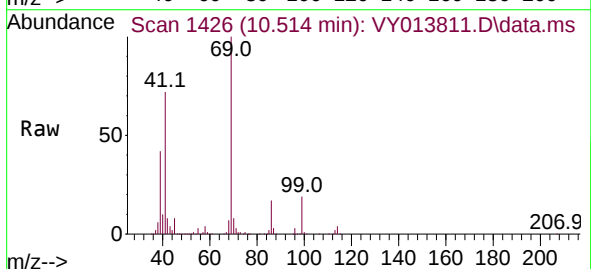
Tgt Ion: 97 Resp: 101110
Ion Ratio Lower Upper
97 100
83 88.4 71.1 106.7
85 56.8 45.7 68.5
99 61.7 49.1 73.7

Manual Integrations
APPROVED

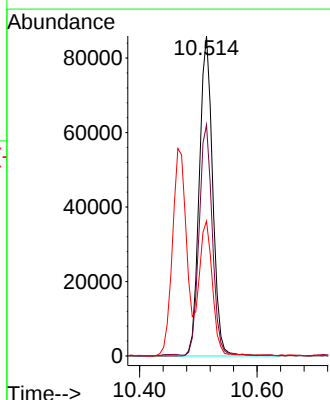
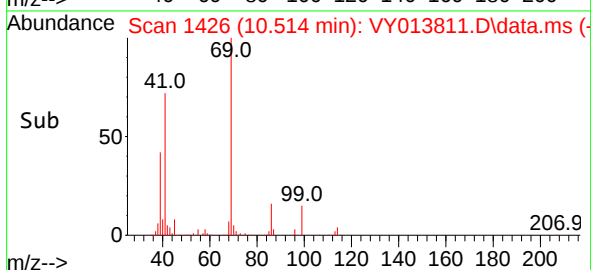
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

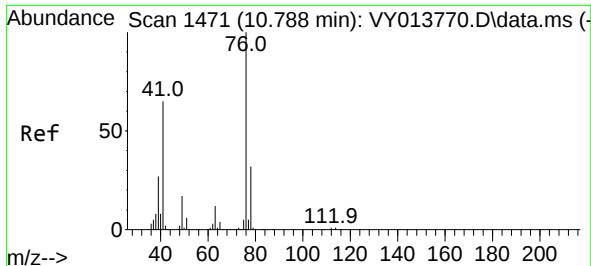


#56
Ethyl methacrylate
Concen: 48.568 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36



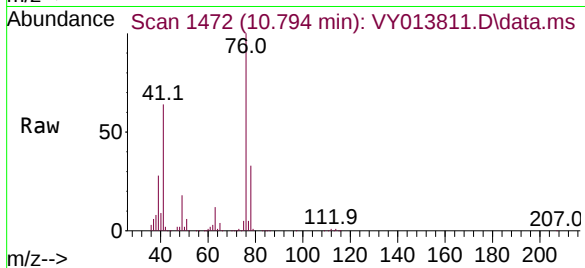
Tgt Ion: 69 Resp: 135078
Ion Ratio Lower Upper
69 100
41 71.2 58.3 87.5
39 41.4 31.8 47.8





#57
1,3-Dichloropropane
Concen: 48.507 ug/l
RT: 10.794 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

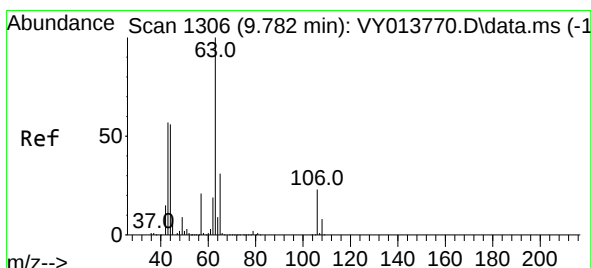
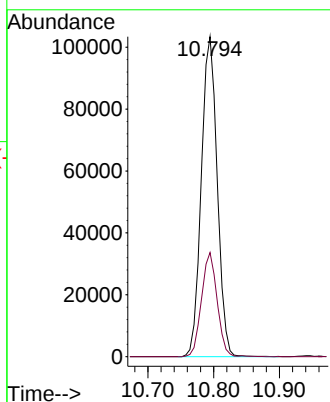
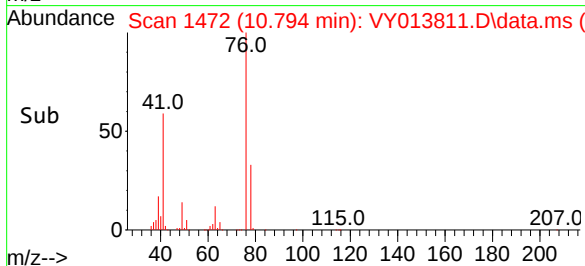
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



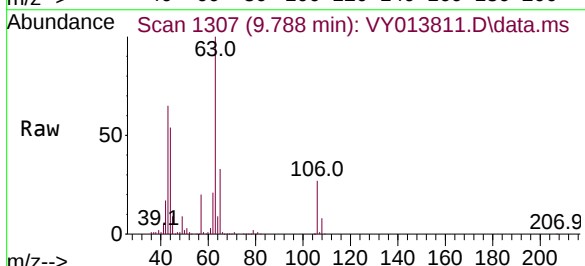
Tgt Ion: 76 Resp: 173917
Ion Ratio Lower Upper
76 100
78 31.8 25.8 38.6

Manual Integrations
APPROVED

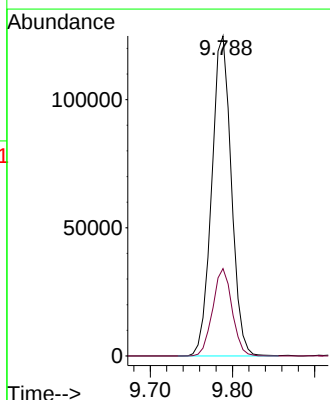
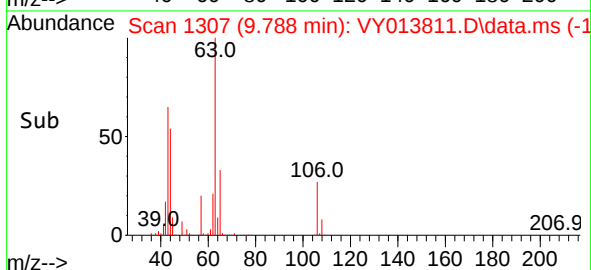
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

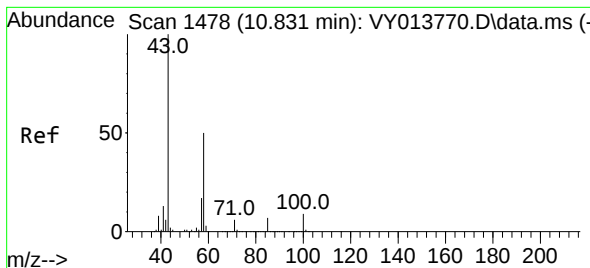


#58
2-Chloroethyl Vinyl ether
Concen: 205.245 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36



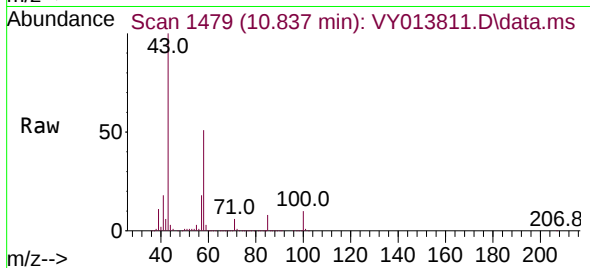
Tgt Ion: 63 Resp: 206809
Ion Ratio Lower Upper
63 100
106 26.9 19.7 29.5





#59
2-Hexanone
Concen: 211.693 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

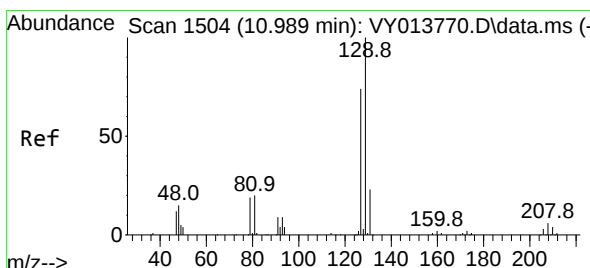
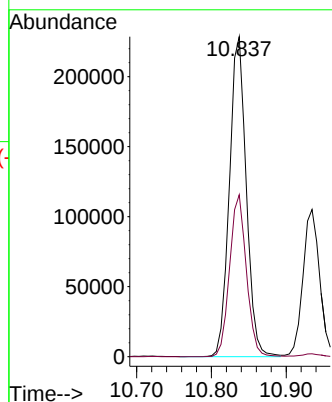
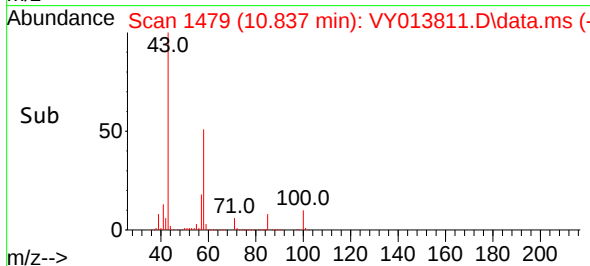
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 35844
Ion Ratio Lower Upper
43 100
58 50.4 24.8 74.4

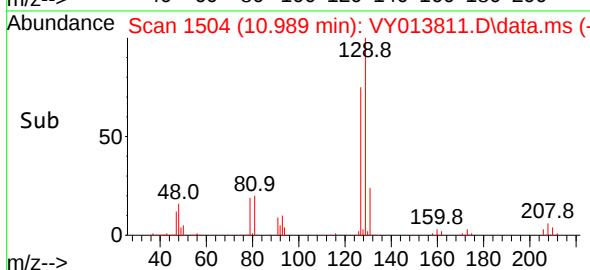
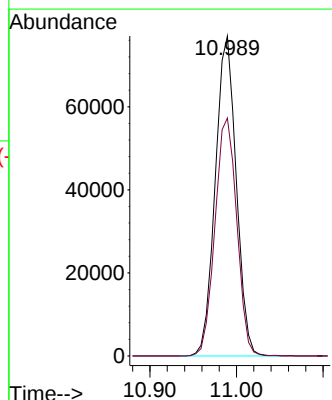
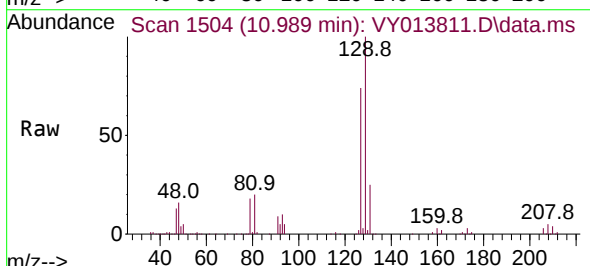
Manual Integrations
APPROVED

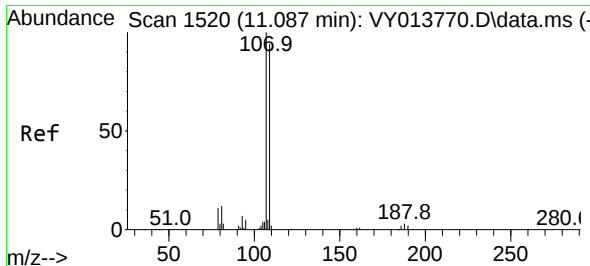
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#60
Dibromochloromethane
Concen: 51.237 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

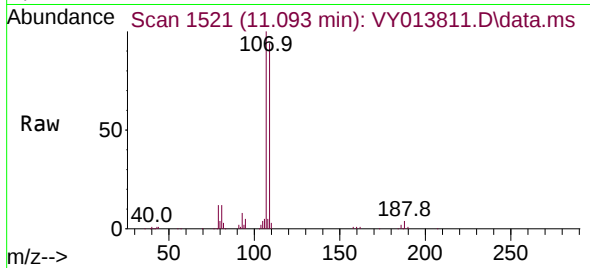
Tgt Ion:129 Resp: 129388
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.7





#61
1,2-Dibromoethane
Concen: 48.075 ug/l
RT: 11.093 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

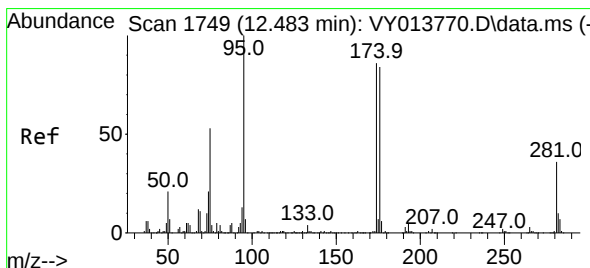
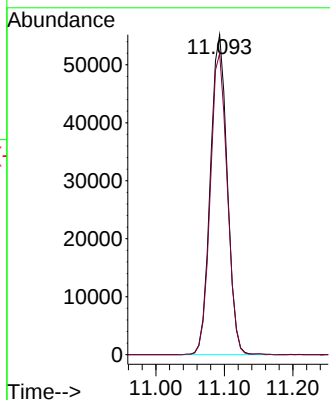
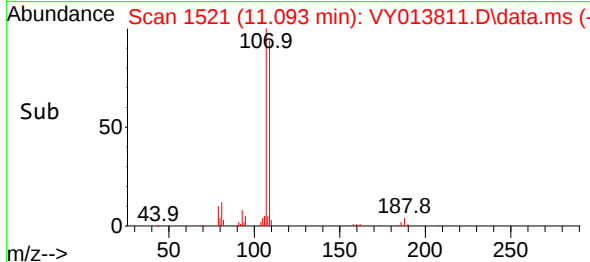
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



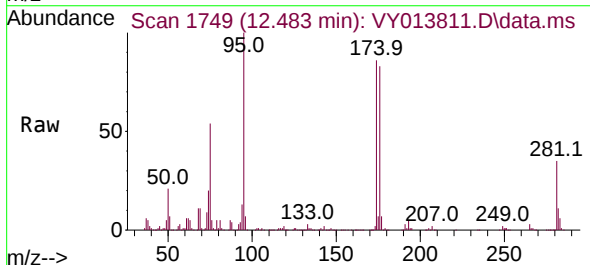
Tgt Ion:107 Resp: 9447
Ion Ratio Lower Upper
107 100
109 94.6 76.2 114.4

Manual Integrations
APPROVED

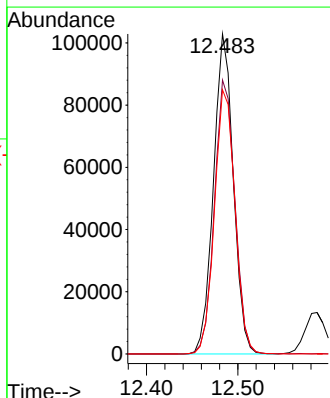
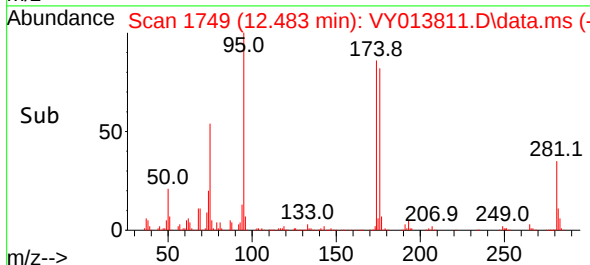
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

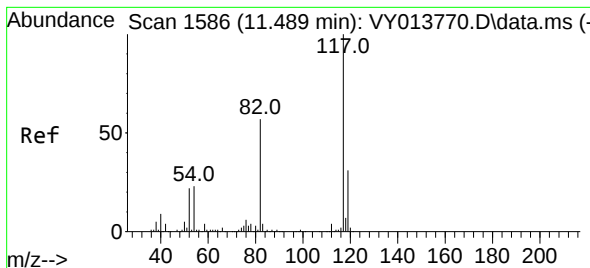


#62
4-Bromofluorobenzene
Concen: 49.730 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36



Tgt Ion: 95 Resp: 155285
Ion Ratio Lower Upper
95 100
174 88.2 0.0 168.8
176 85.5 0.0 165.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

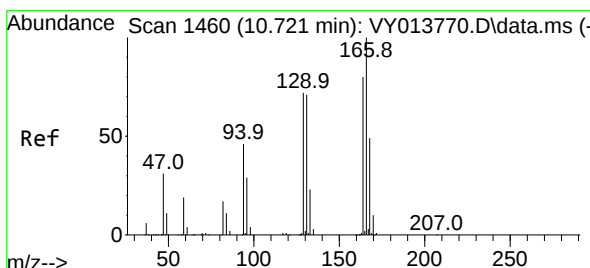
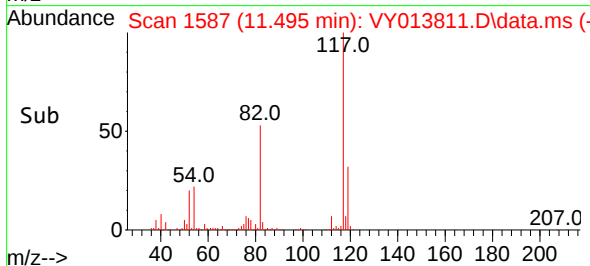
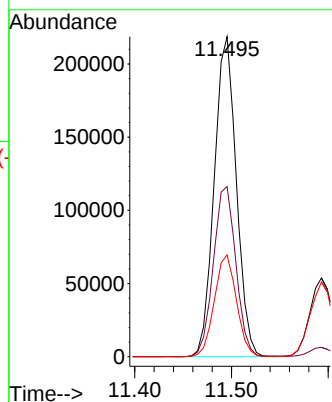
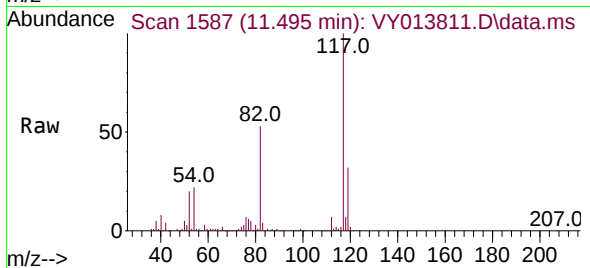
Tgt Ion:117	Resp: 34671
Ion Ratio	Lower Upper
117 100	
82 53.2	45.5 68.3
119 31.8	24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#64

Tetrachloroethene

Concen: 50.087 ug/l

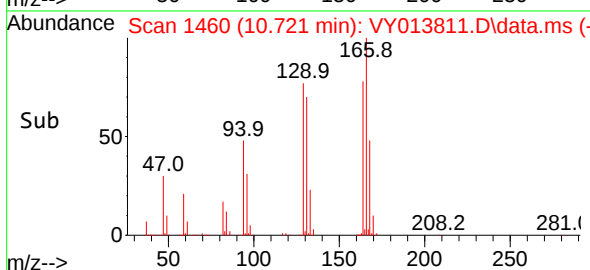
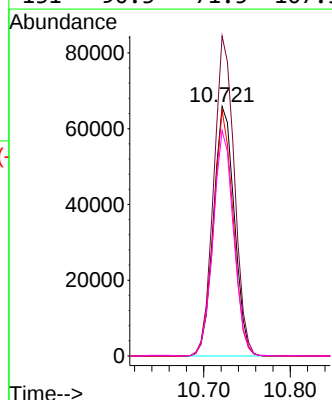
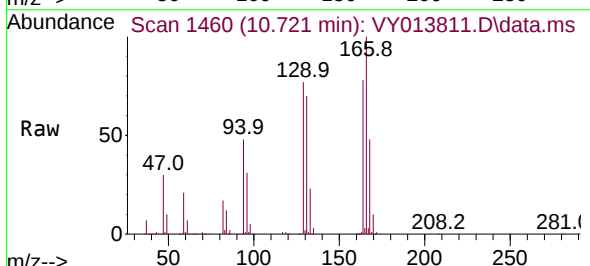
RT: 10.721 min Scan# 1460

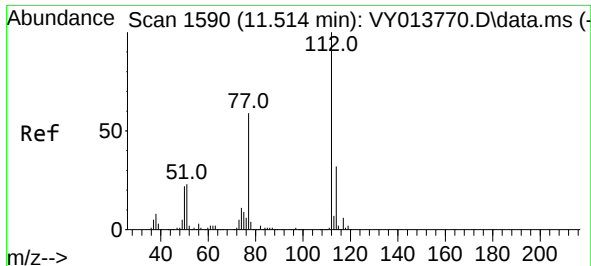
Delta R.T. 0.000 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

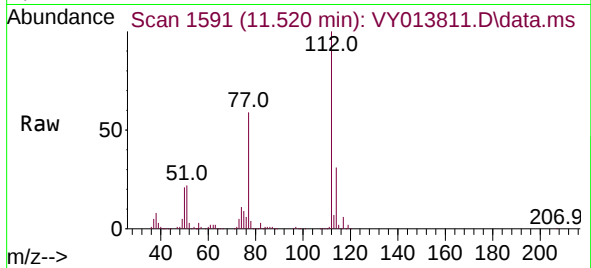
Tgt Ion:164	Resp: 110163
Ion Ratio	Lower Upper
164 100	
166 128.3	100.5 150.7
129 98.5	72.5 108.7
131 90.3	71.5 107.3





#65
Chlorobenzene
Concen: 50.121 ug/l
RT: 11.520 min Scan# 1150
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

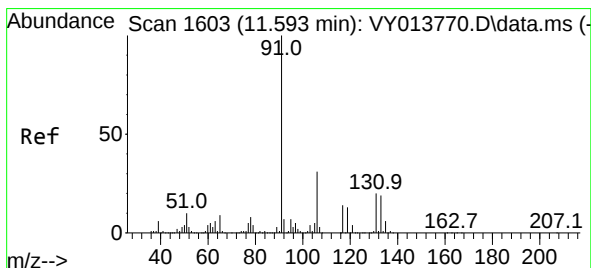
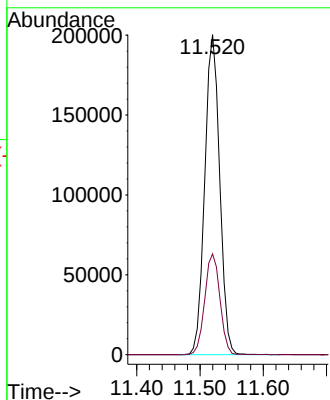
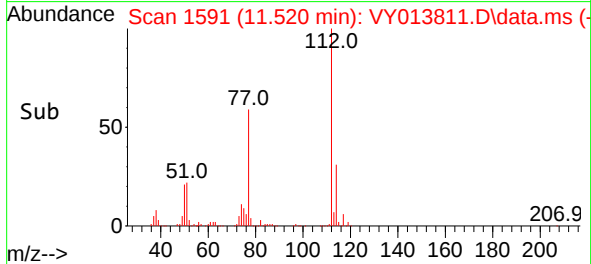
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



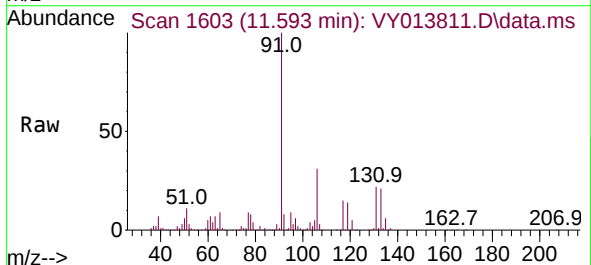
Tgt Ion:112 Resp: 328918
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3

Manual Integrations
APPROVED

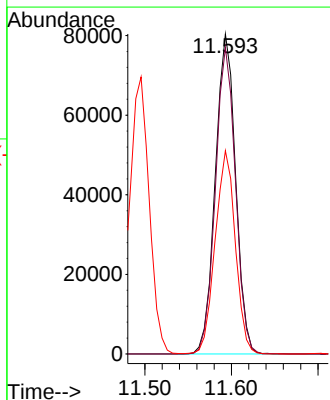
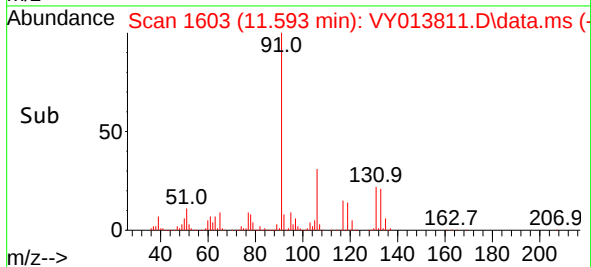
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

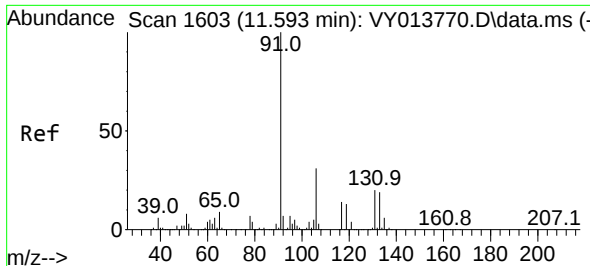


#66
1,1,1,2-Tetrachloroethane
Concen: 51.284 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36



Tgt Ion:131 Resp: 130771
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.4
119 63.1 32.9 98.7





#67

Ethyl Benzene

Concen: 50.605 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 59013

Ion Ratio Lower Upper

91 100

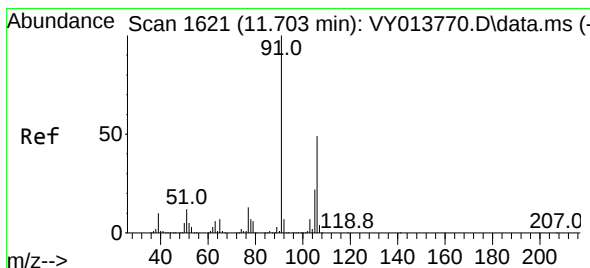
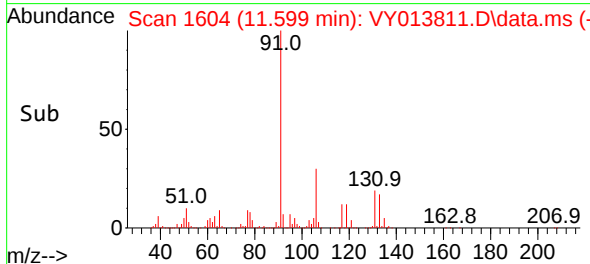
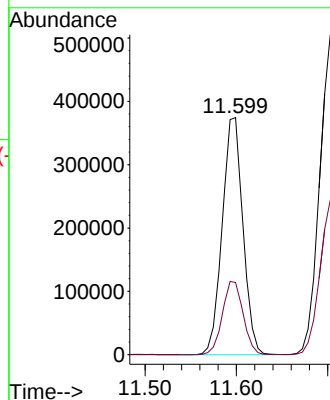
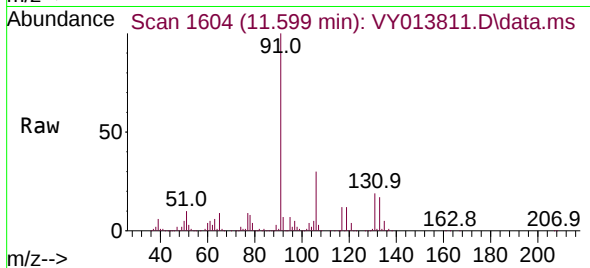
106 30.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#68

m/p-Xylenes

Concen: 102.468 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013811.D

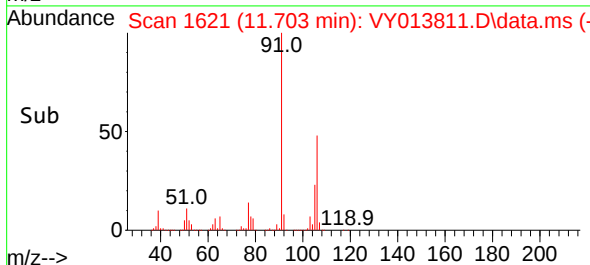
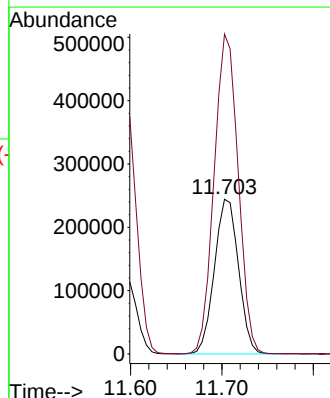
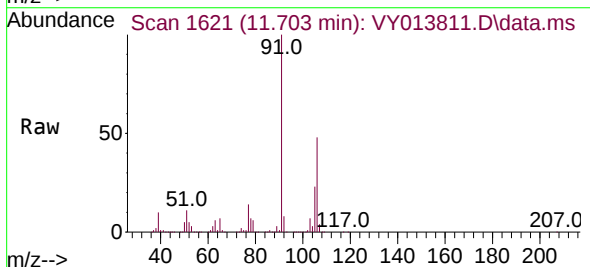
Acq: 18 May 2023 19:36

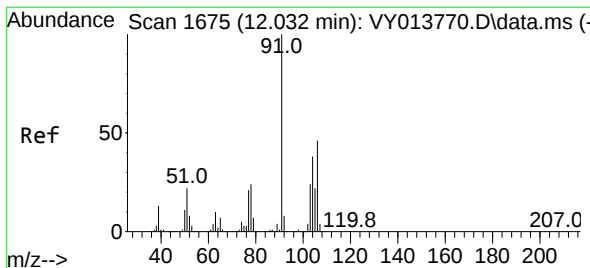
Tgt Ion:106 Resp: 447561

Ion Ratio Lower Upper

106 100

91 206.6 164.0 246.0





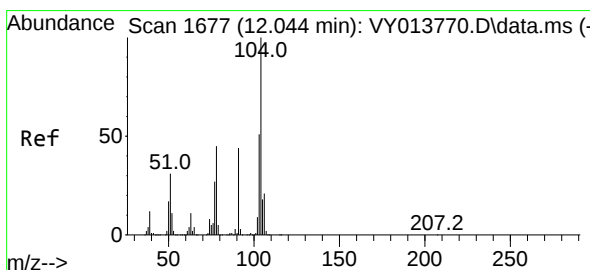
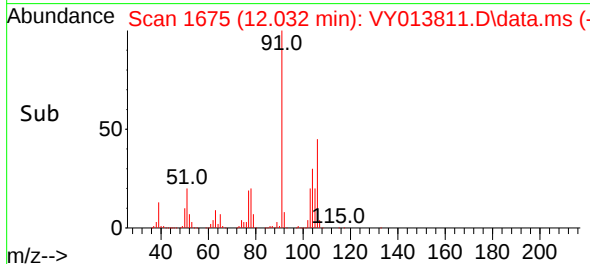
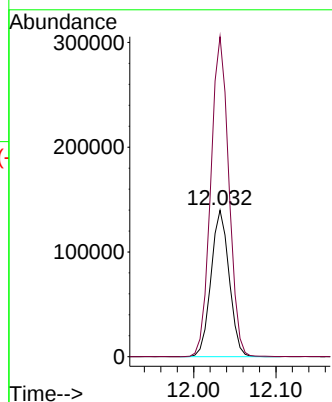
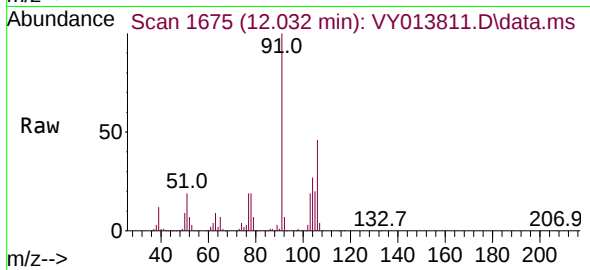
#69
o-Xylene
Concen: 51.513 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 214032
Ion Ratio Lower Upper
106 100
91 218.2 108.4 325.2

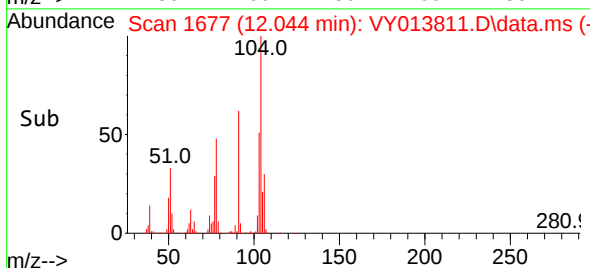
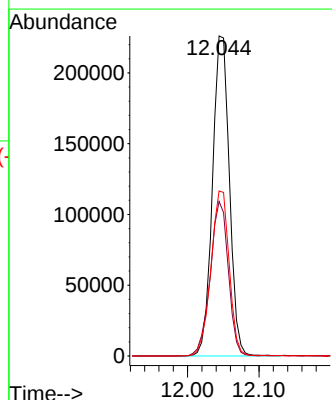
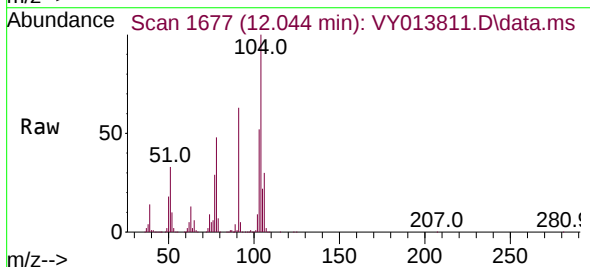
Manual Integrations
APPROVED

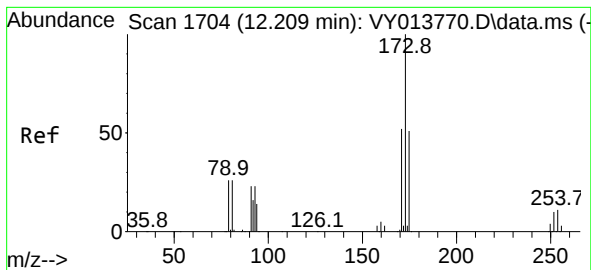
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#70
Styrene
Concen: 52.708 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

Tgt Ion:104 Resp: 371952
Ion Ratio Lower Upper
104 100
78 51.4 40.6 61.0
103 55.5 44.6 66.8





#71

Bromoform

Concen: 50.257 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

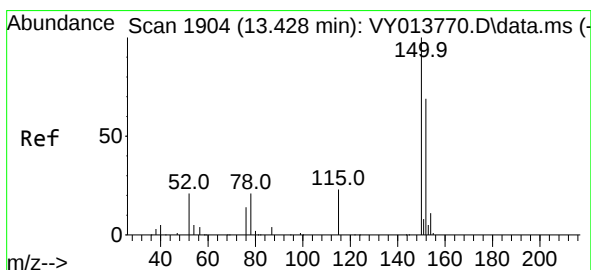
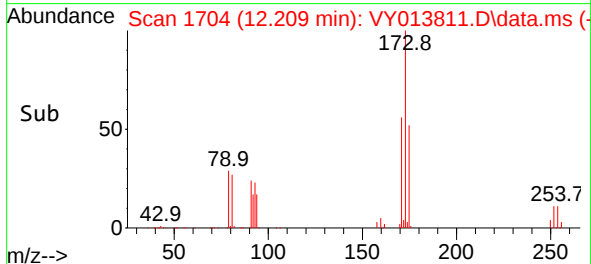
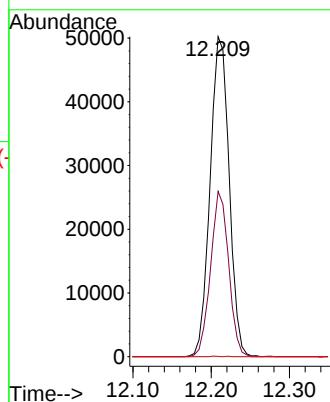
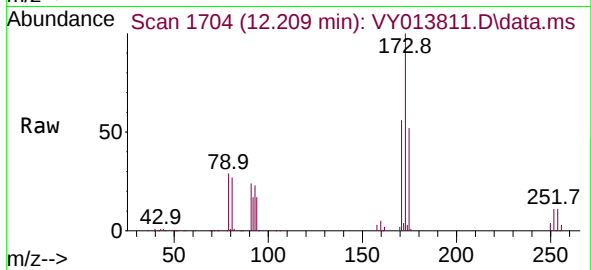
Tgt Ion:173	Resp:	8466
Ion Ratio	Lower	Upper
173	100	
175	49.0	24.9 74.7
254	0.1	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

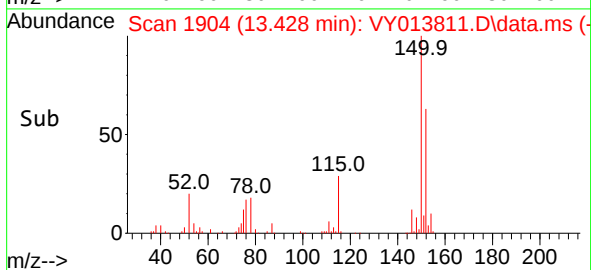
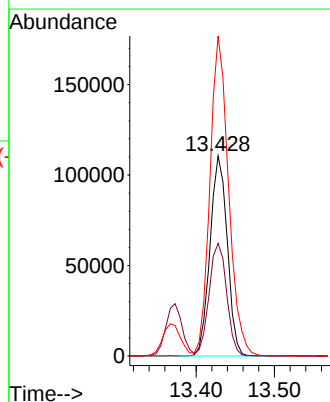
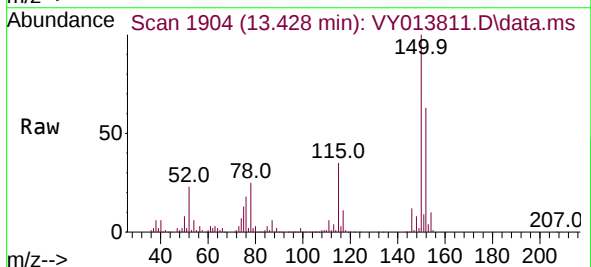
RT: 13.428 min Scan# 1904

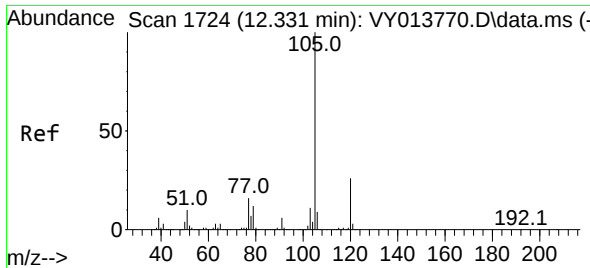
Delta R.T. -0.000 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

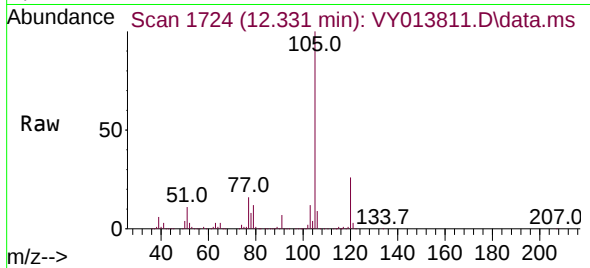
Tgt Ion:152	Resp:	169046
Ion Ratio	Lower	Upper
152	100	
115	57.3	28.5 85.5
150	172.4	0.0 347.0





#73
Isopropylbenzene
Concen: 50.125 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

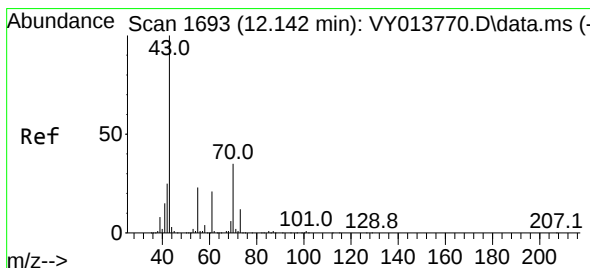
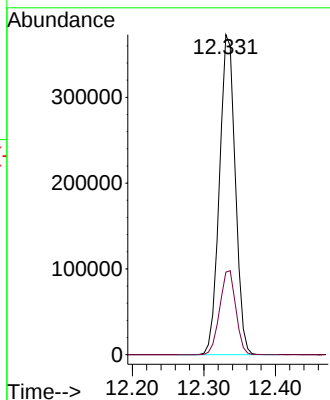
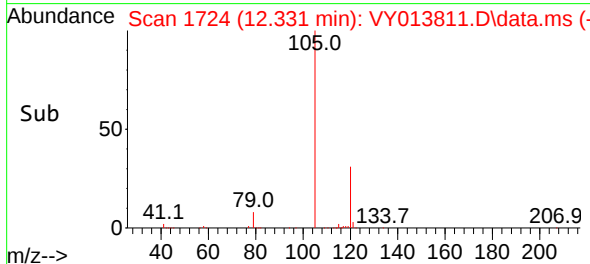
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



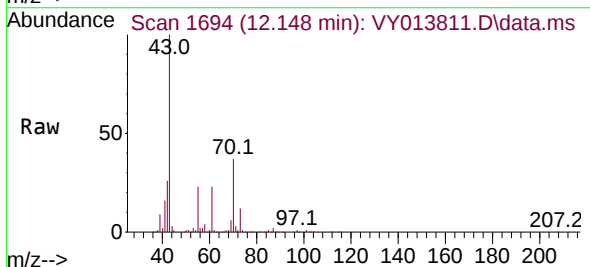
Tgt Ion:105 Resp: 573650
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6

Manual Integrations
APPROVED

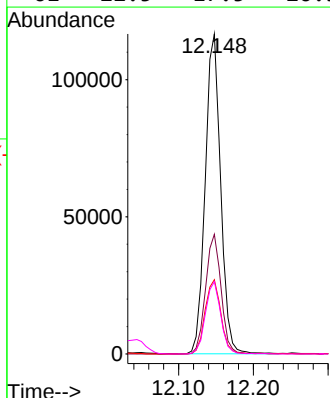
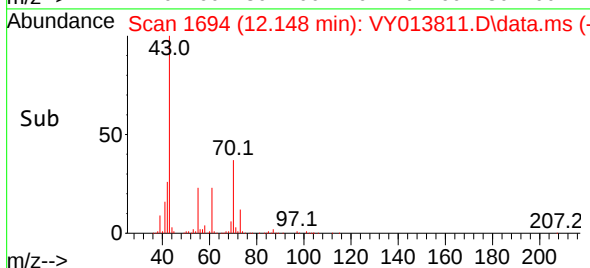
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

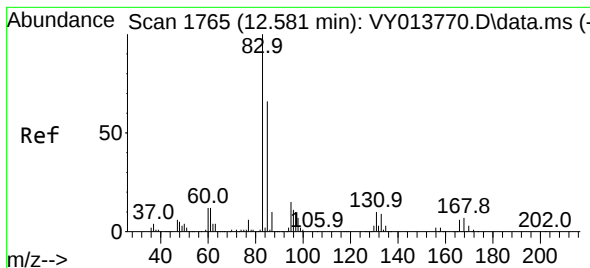


#74
N-ethyl acetate
Concen: 43.005 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36



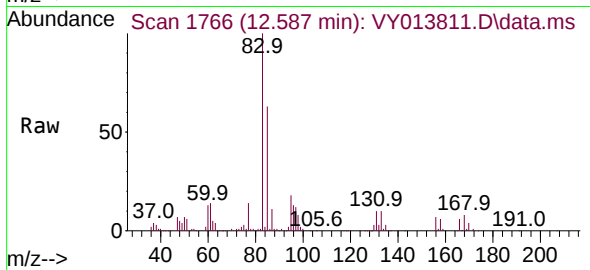
Tgt Ion: 43 Resp: 167020
Ion Ratio Lower Upper
43 100
70 37.7 28.8 43.2
55 23.9 18.5 27.7
61 22.5 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 44.424 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

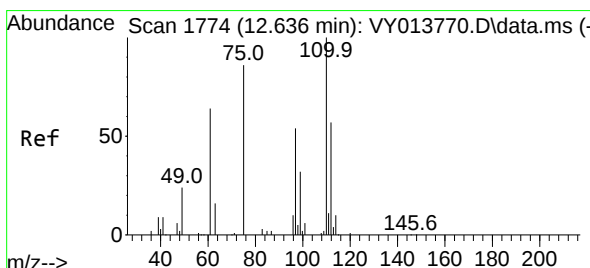
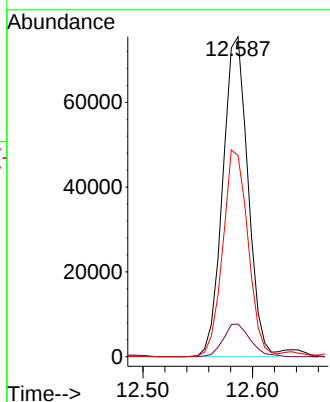
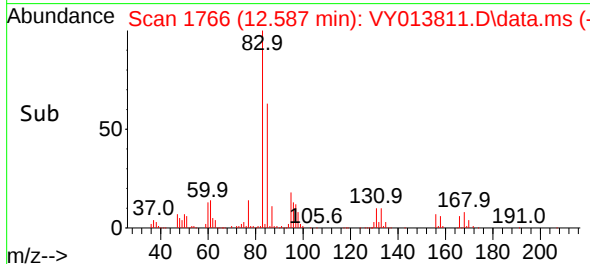
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 120438
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.2
85 64.8 32.0 96.2

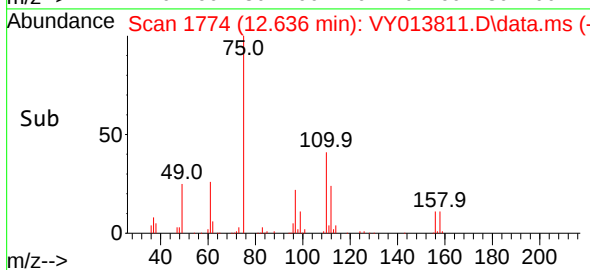
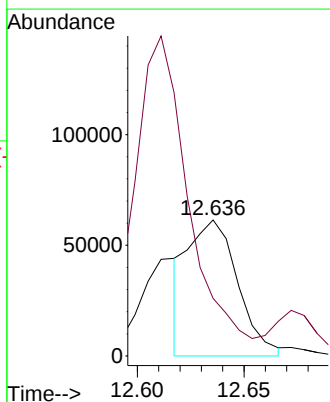
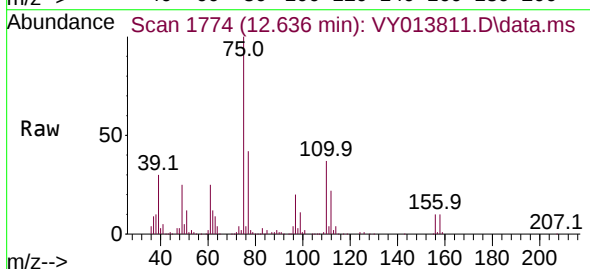
Manual Integrations
APPROVED

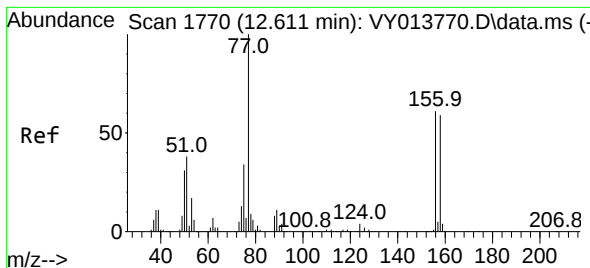
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#76
1,2,3-Trichloropropane
Concen: 48.692 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

Tgt Ion: 75 Resp: 99619
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.656 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

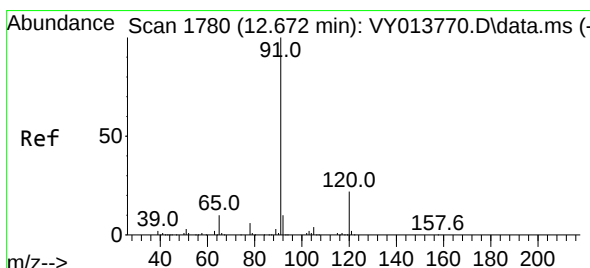
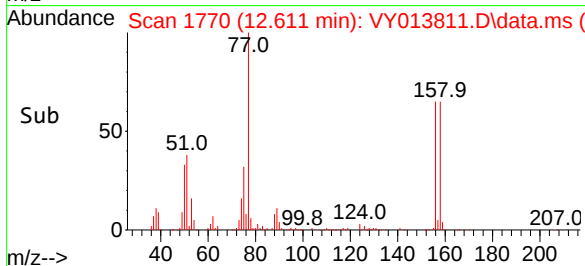
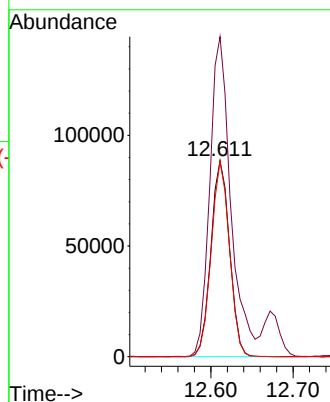
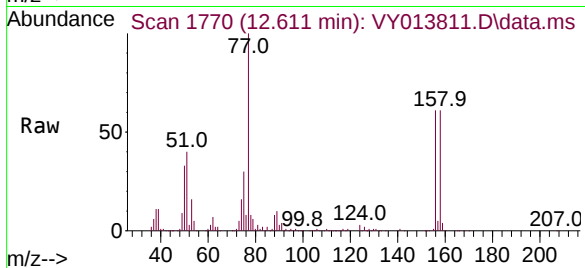
Tgt Ion:	156	Resp:	13984
Ion Ratio	Lower	Upper	
156	100		
77	183.3	97.1	291.3
158	97.5	49.1	147.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#78

n-propylbenzene

Concen: 49.977 ug/l

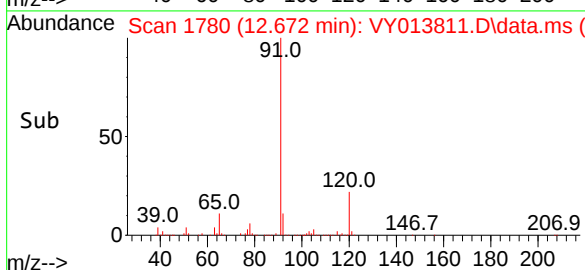
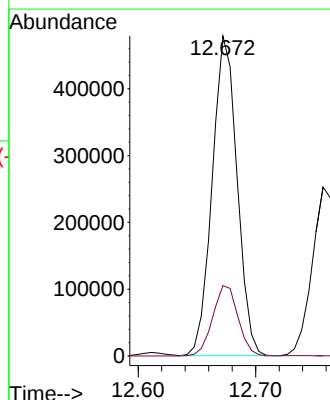
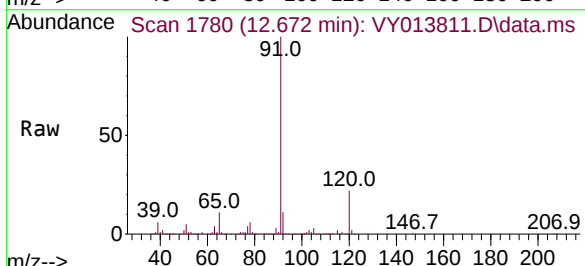
RT: 12.672 min Scan# 1780

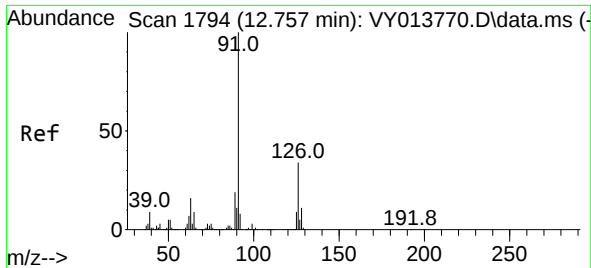
Delta R.T. -0.000 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

Tgt Ion:	91	Resp:	704546
Ion Ratio	Lower	Upper	
91	100		
120	22.4	10.9	32.9





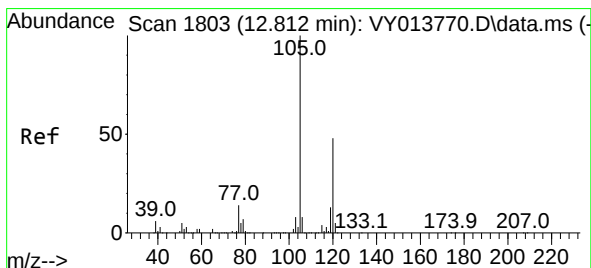
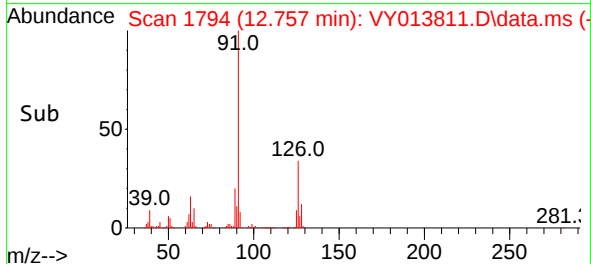
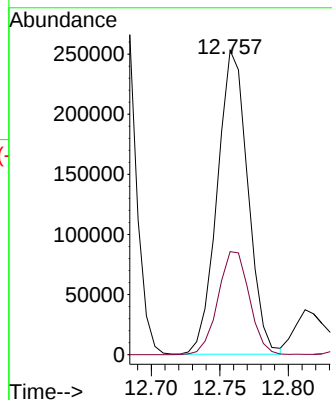
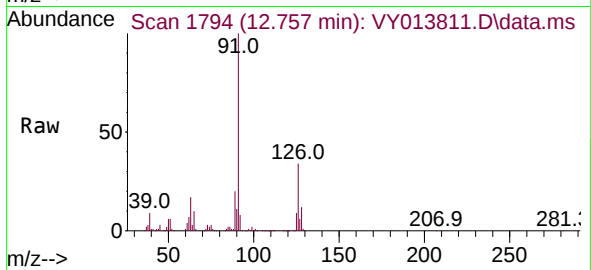
#79
2-Chlorotoluene
Concen: 49.525 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 39403
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.2

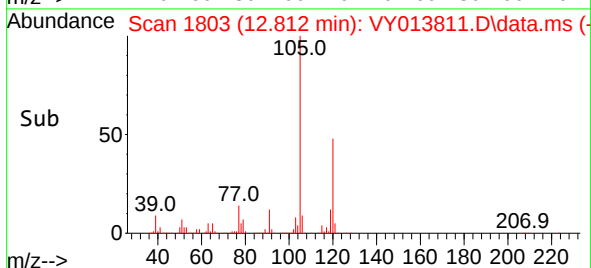
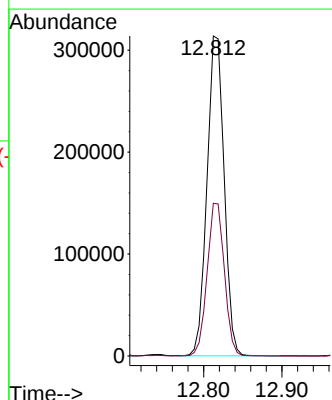
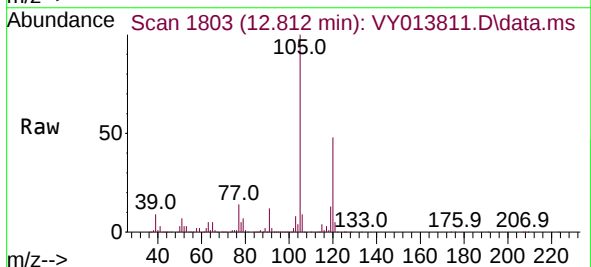
Manual Integrations
APPROVED

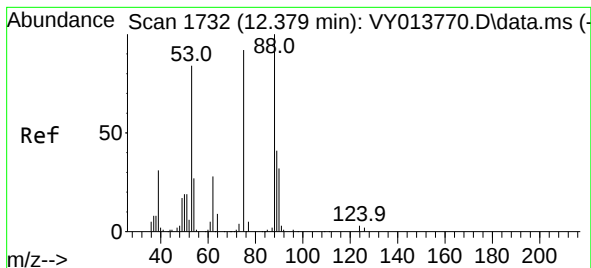
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.045 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

Tgt Ion:105 Resp: 476346
Ion Ratio Lower Upper
105 100
120 48.0 23.8 71.5





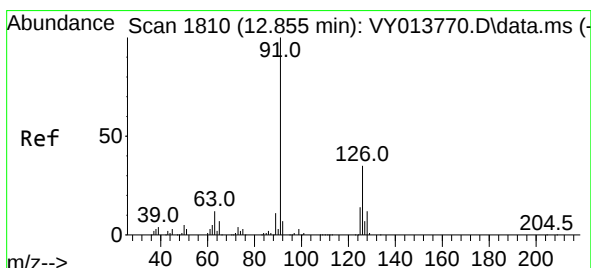
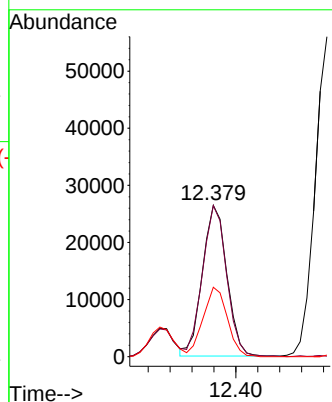
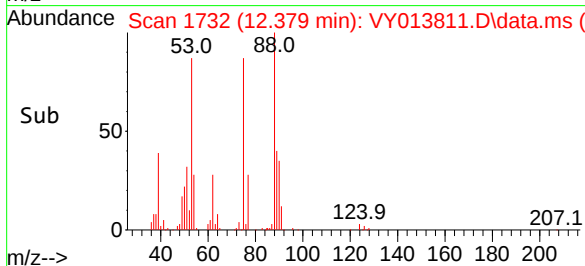
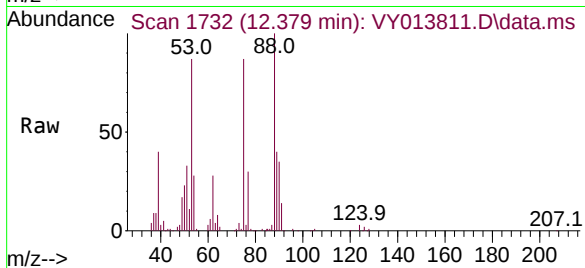
#81
trans-1,4-Dichloro-2-butene
Concen: 44.510 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 40902
Ion Ratio Lower Upper
75 100
53 98.8 75.3 112.9
89 45.5 35.4 53.2

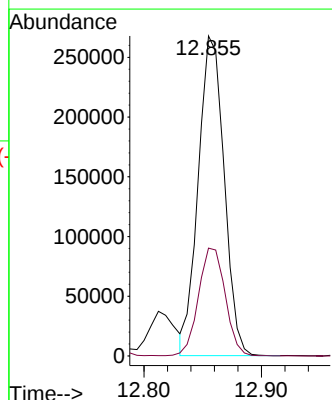
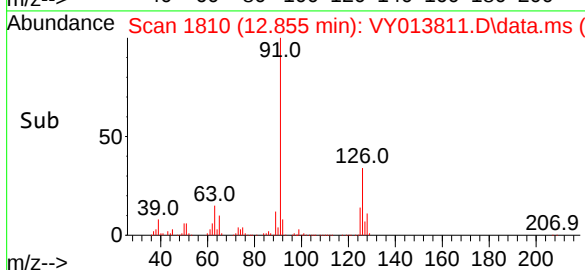
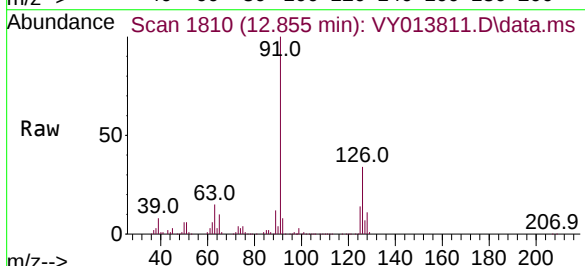
Manual Integrations
APPROVED

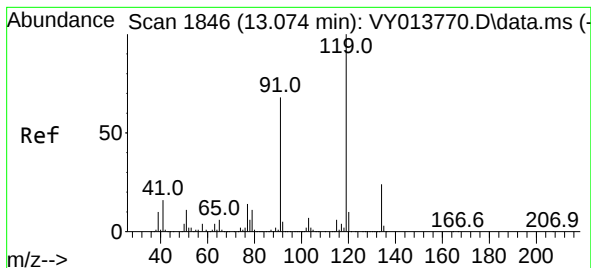
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#82
4-Chlorotoluene
Concen: 49.412 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

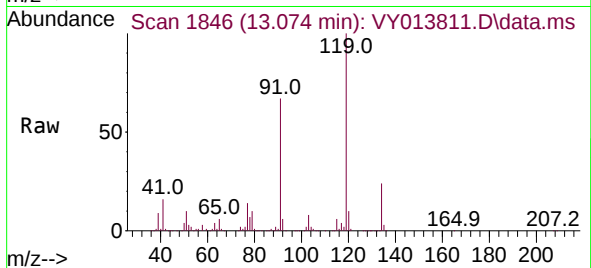
Tgt Ion: 91 Resp: 409524
Ion Ratio Lower Upper
91 100
126 35.1 16.8 50.4





#83
tert-Butylbenzene
Concen: 52.330 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

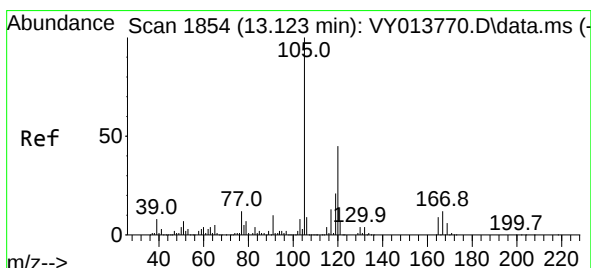
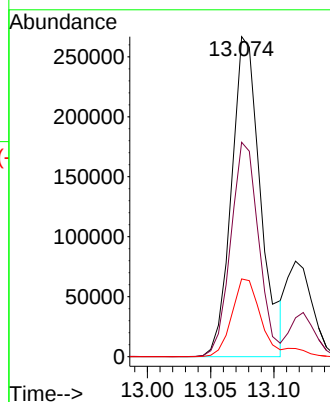
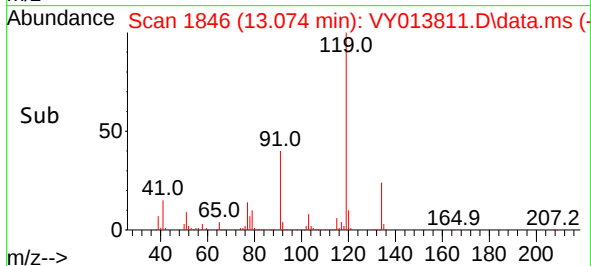
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



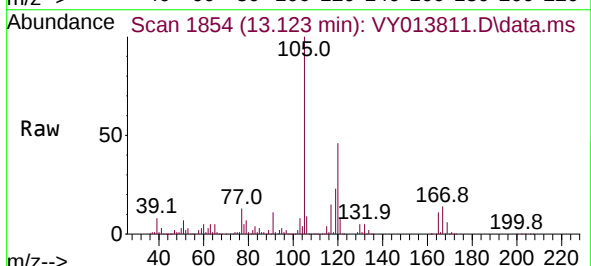
Tgt Ion:119 Resp: 425258
Ion Ratio Lower Upper
119 100
91 64.8 33.3 99.9
134 25.7 13.1 39.1

Manual Integrations
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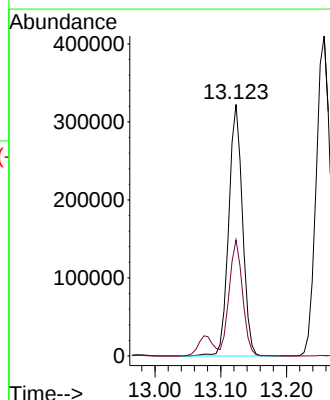
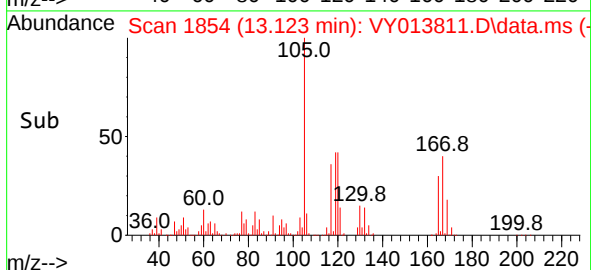
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

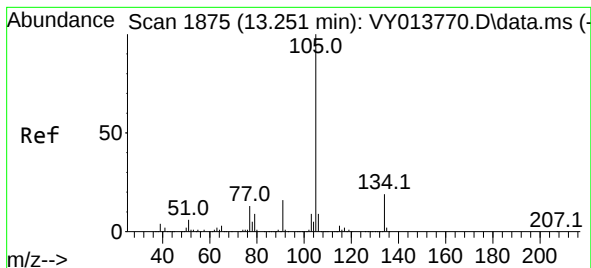


#84
1,2,4-Trimethylbenzene
Concen: 51.341 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36



Tgt Ion:105 Resp: 469575
Ion Ratio Lower Upper
105 100
120 44.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.065 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 61386

Ion Ratio Lower Upper

105 100

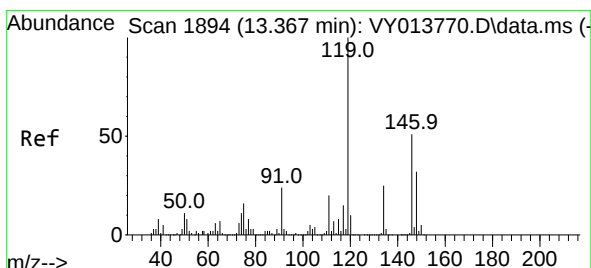
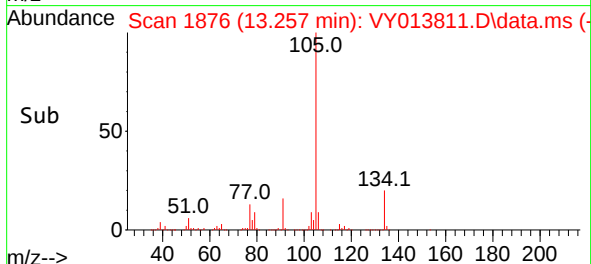
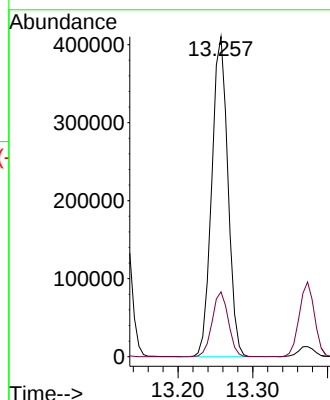
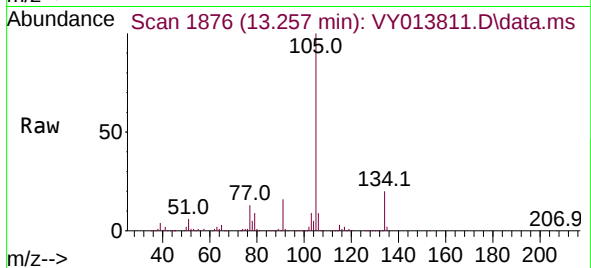
134 20.4 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#86

p-Isopropyltoluene

Concen: 51.154 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

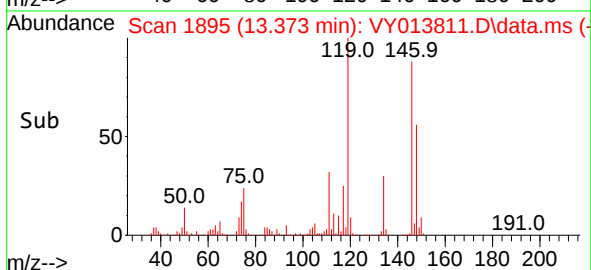
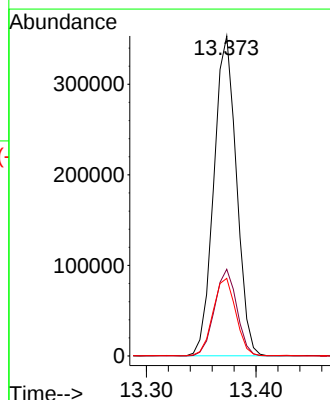
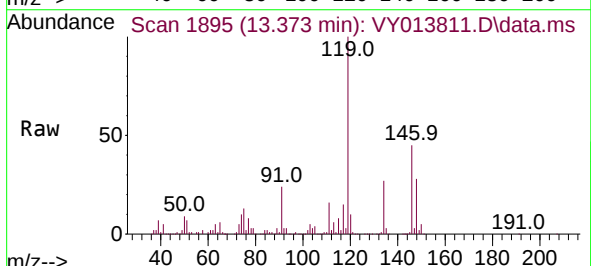
Tgt Ion:119 Resp: 506475

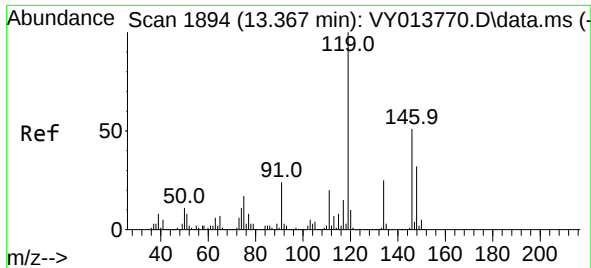
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

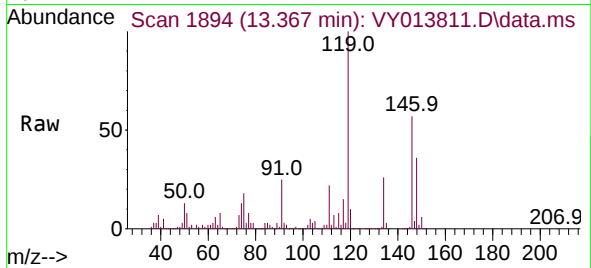
91 24.4 11.8 35.4





#87
1,3-Dichlorobenzene
Concen: 50.290 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

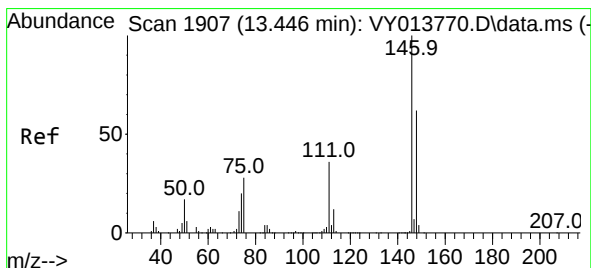
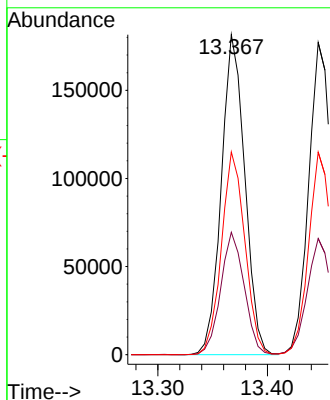
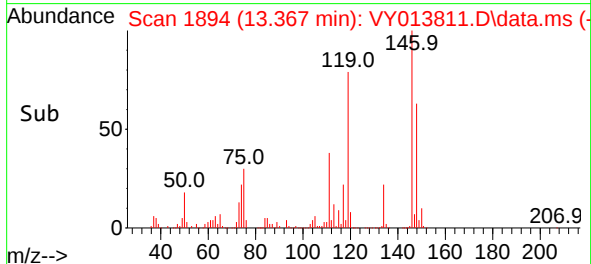
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 270279
Ion Ratio Lower Upper
146 100
111 38.4 19.7 59.0
148 63.2 31.9 95.7

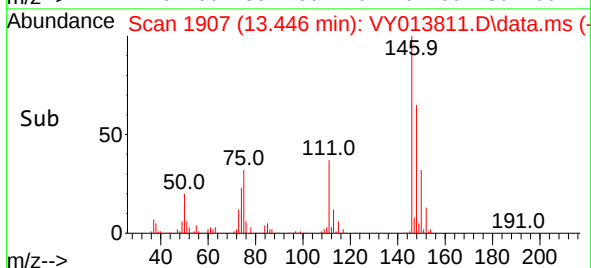
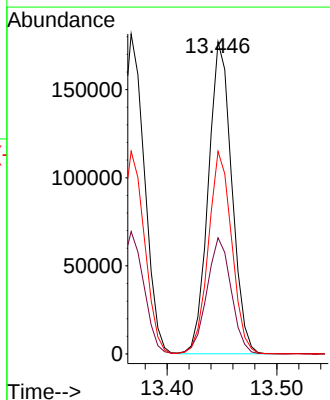
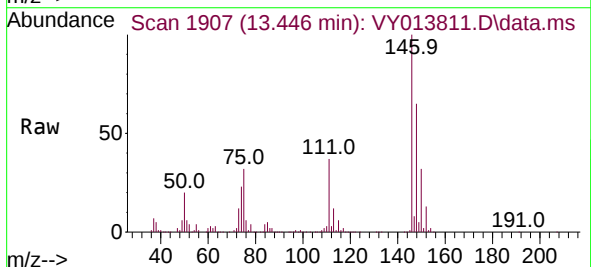
Manual Integrations
APPROVED

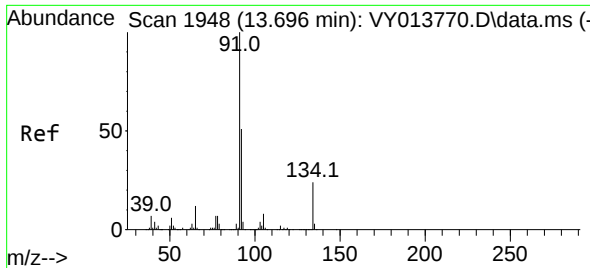
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#88
1,4-Dichlorobenzene
Concen: 48.727 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

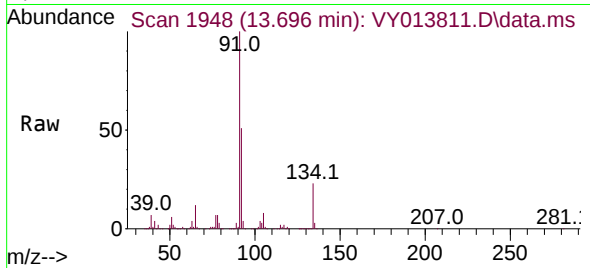
Tgt Ion:146 Resp: 263326
Ion Ratio Lower Upper
146 100
111 38.3 18.9 56.7
148 64.8 31.6 94.7





#89
n-Butylbenzene
Concen: 49.002 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

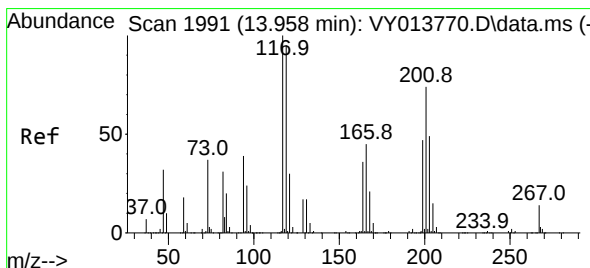
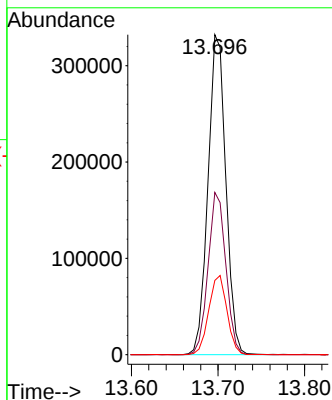
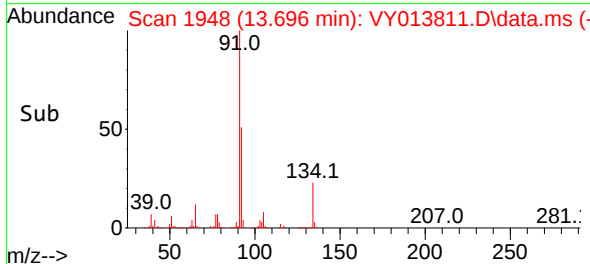
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 47566
Ion Ratio Lower Upper
91 100
92 50.6 25.4 76.4
134 25.3 12.2 36.6

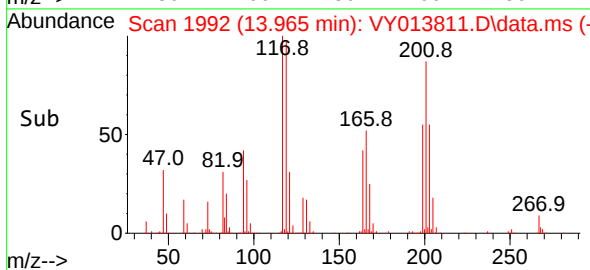
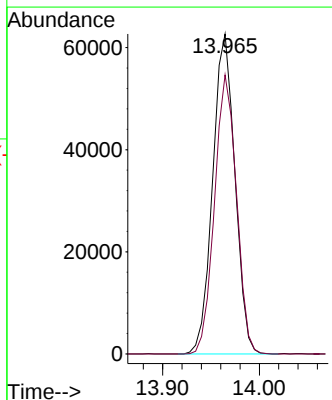
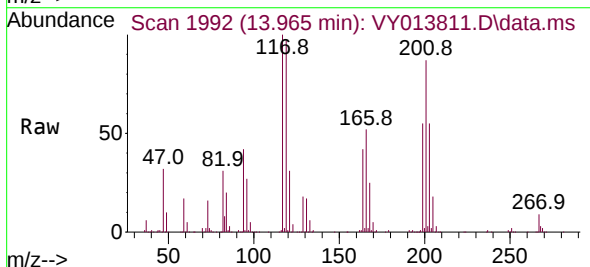
Manual Integrations
APPROVED

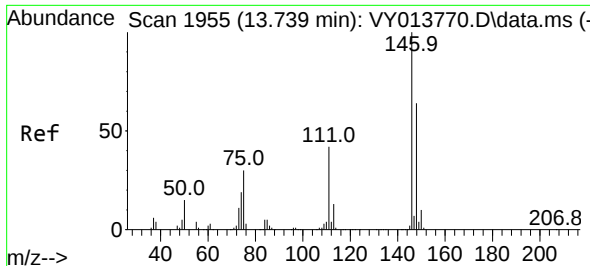
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#90
Hexachloroethane
Concen: 47.830 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

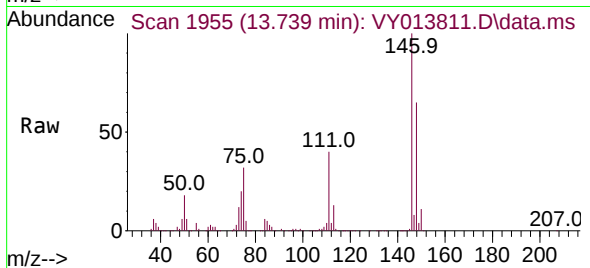
Tgt Ion:117 Resp: 100072
Ion Ratio Lower Upper
117 100
201 85.8 39.2 117.6





#91
1,2-Dichlorobenzene
Concen: 50.624 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36

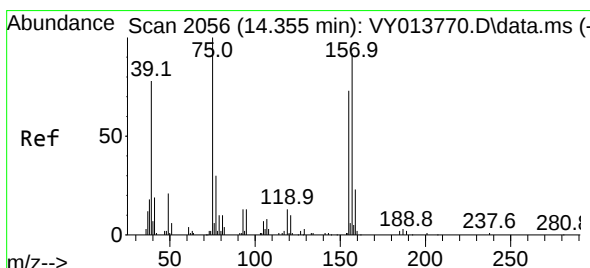
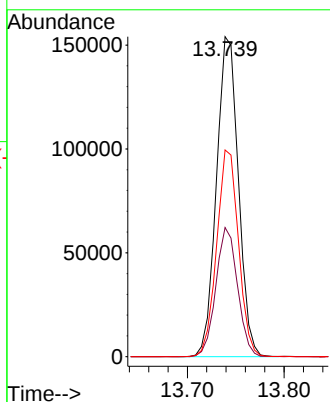
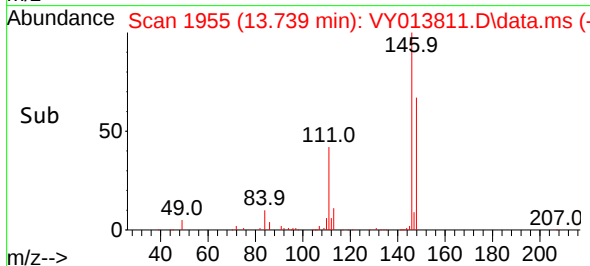
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



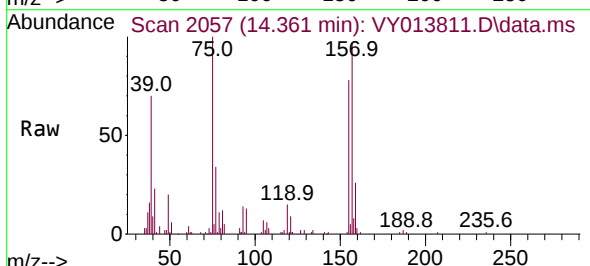
Tgt Ion:146 Resp: 242280
Ion Ratio Lower Upper
146 100
111 39.8 20.0 59.9
148 64.3 31.9 95.5

Manual Integrations
APPROVED

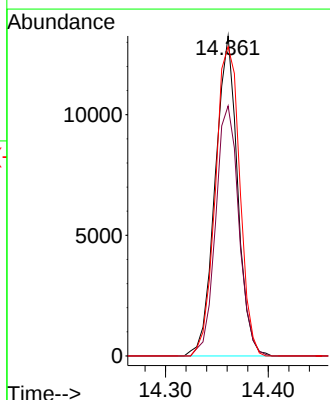
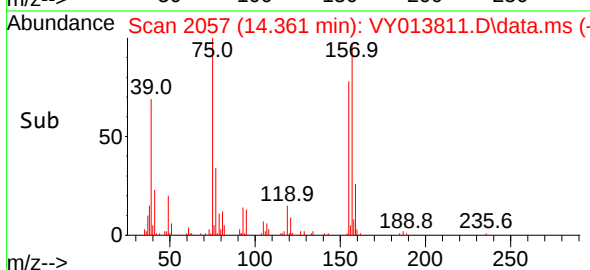
Reviewed By :Krupa Patel 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

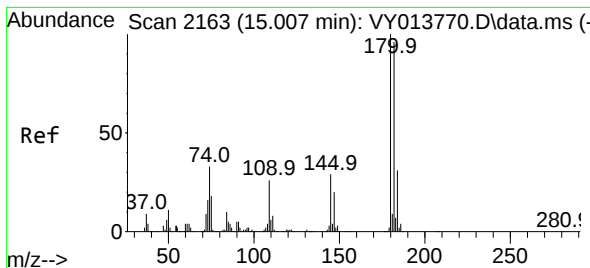


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.516 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY013811.D
Acq: 18 May 2023 19:36



Tgt Ion: 75 Resp: 19994
Ion Ratio Lower Upper
75 100
155 81.0 39.1 117.3
157 105.5 50.2 150.7





#93

1,2,4-Trichlorobenzene

Concen: 50.115 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013811.D

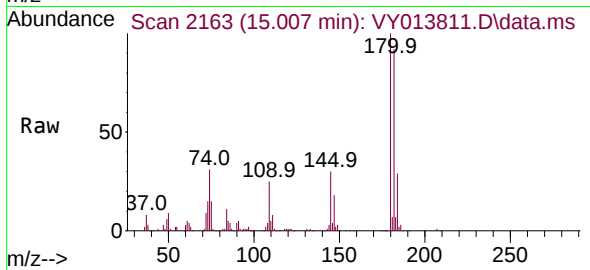
Acq: 18 May 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



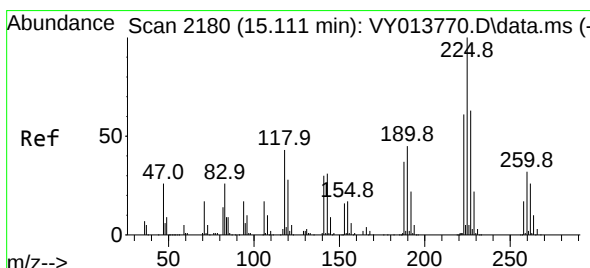
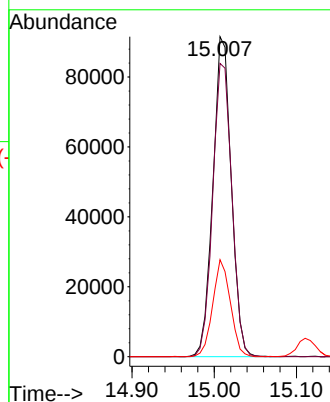
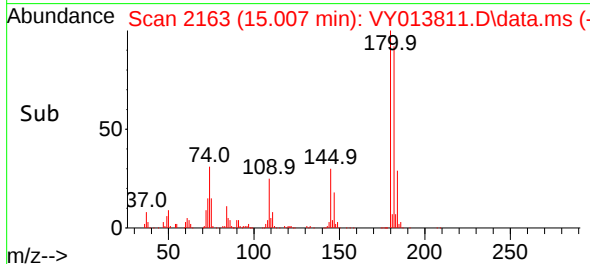
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.4	142.3
145	29.1	14.9	44.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#94

Hexachlorobutadiene

Concen: 49.530 ug/l

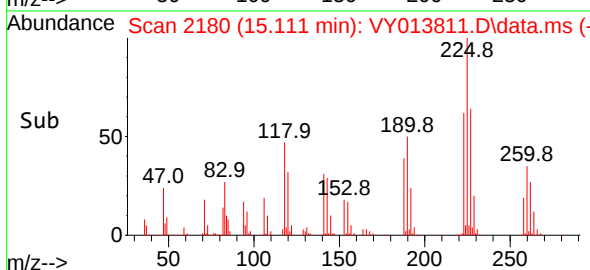
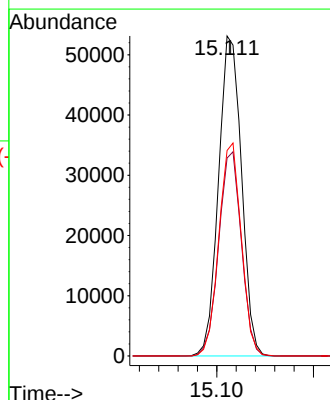
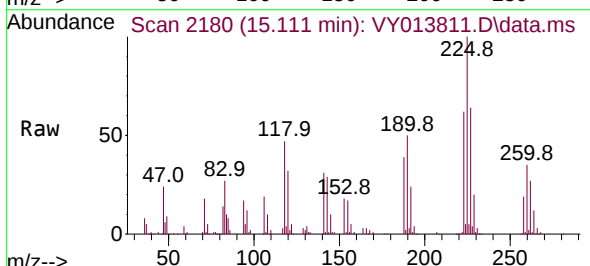
RT: 15.111 min Scan# 2180

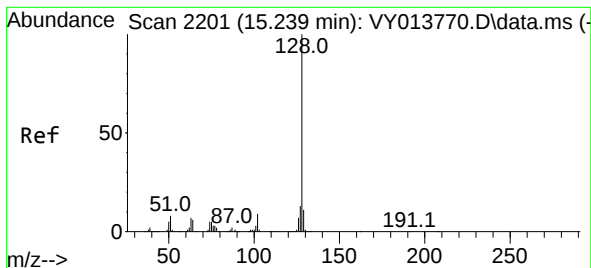
Delta R.T. -0.000 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.6	91.6
227	64.9	31.6	94.7





#95

Naphthalene

Concen: 49.542 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 27925

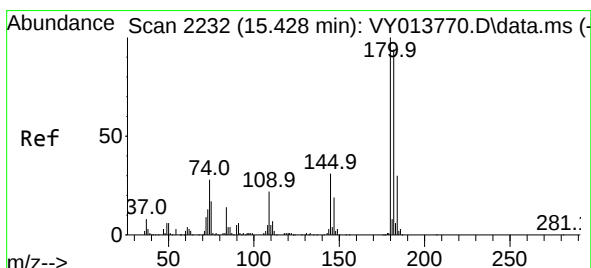
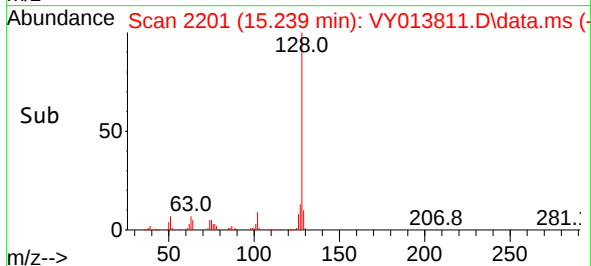
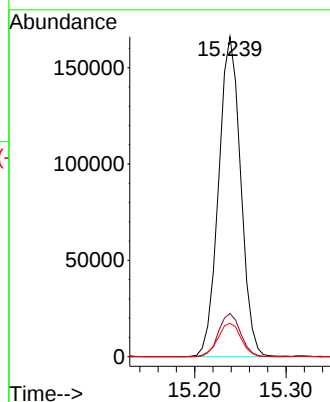
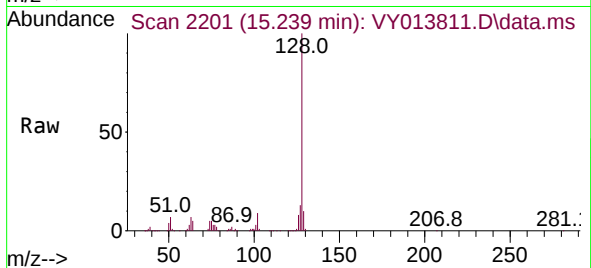
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.8	16.2
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#96

1,2,3-Trichlorobenzene

Concen: 49.945 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY013811.D

Acq: 18 May 2023 19:36

Tgt Ion:180 Resp: 127622

Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.8	143.4
145	30.4	15.6	46.7

