

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090122\
 Data File : VX031051.D
 Acq On : 02 Sep 2022 03:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Sep 02 04:57:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	190501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	306913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	281024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	118453	48.325	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.660%		
35) Dibromofluoromethane	5.391	113	113617	50.728	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.460%		
50) Toluene-d8	8.653	98	414288	50.259	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.520%		
62) 4-Bromofluorobenzene	11.079	95	152172	52.267	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	88160	44.976	ug/l	94
3) Chloromethane	1.288	50	68847	42.083	ug/l	100
4) Vinyl Chloride	1.374	62	91102	44.492	ug/l	95
5) Bromomethane	1.611	94	48572	53.061	ug/l	99
6) Chloroethane	1.685	64	39145	32.376	ug/l	99
7) Trichlorofluoromethane	1.886	101	165042	47.701	ug/l	97
8) Diethyl Ether	2.136	74	55074	45.640	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.331	101	103223	45.041	ug/l	92
10) Methyl Iodide	2.453	142	114853	51.679	ug/l	98
11) Tert butyl alcohol	2.995	59	122954	248.090	ug/l	97
12) 1,1-Dichloroethene	2.319	96	104624	47.275	ug/l	90
13) Acrolein	2.239	56	102705	228.974	ug/l	100
14) Allyl chloride	2.666	41	126616	43.079	ug/l #	91
15) Acrylonitrile	3.069	53	261170	227.260	ug/l	98
16) Acetone	2.392	43	211769	223.794	ug/l	100
17) Carbon Disulfide	2.514	76	260592	45.340	ug/l	99
18) Methyl Acetate	2.709	43	121237	44.586	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	331299	48.609	ug/l	92
20) Methylene Chloride	2.794	84	115244	50.054	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	112362	45.627	ug/l	91
22) Diisopropyl ether	3.770	45	269435	45.496	ug/l #	79
23) Vinyl Acetate	3.727	43	1120204	234.180	ug/l #	89
24) 1,1-Dichloroethane	3.617	63	181816	45.562	ug/l	99
25) 2-Butanone	4.568	43	325000	222.470	ug/l #	89
26) 2,2-Dichloropropane	4.483	77	94300	29.613	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	130036	47.114	ug/l	89
28) Bromochloromethane	4.904	49	52770	44.634	ug/l #	61
29) Tetrahydrofuran	5.013	42	201935	214.412	ug/l #	78
30) Chloroform	5.099	83	207798	47.485	ug/l	98
31) Cyclohexane	5.477	56	150826	45.044	ug/l	85
32) 1,1,1-Trichloroethane	5.391	97	182441	48.634	ug/l	95
36) 1,1-Dichloropropene	5.696	75	145561	46.398	ug/l	98
37) Ethyl Acetate	4.721	43	127493	46.773	ug/l	94
38) Carbon Tetrachloride	5.684	117	160787	49.375	ug/l	98
39) Methylcyclohexane	7.385	83	180929	46.534	ug/l	93
40) Benzene	6.031	78	453187	50.314	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	67717	46.597	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	145402	48.937	ug/l	99
43) Isopropyl Acetate	6.348	43	198335	46.556	ug/l #	91
44) Trichloroethene	7.129	130	139224	48.835	ug/l	92
45) 1,2-Dichloropropane	7.434	63	108876	47.158	ug/l	97
46) Dibromomethane	7.586	93	84371	48.827	ug/l	92
47) Bromodichloromethane	7.824	83	165045	51.124	ug/l	98
48) Methyl methacrylate	7.696	41	98014	45.573	ug/l #	85
49) 1,4-Dioxane	7.690	88	59601	911.101	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	637261	232.693	ug/l	89
52) Toluene	8.720	92	286062	48.973	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	154661	48.385	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	173932	48.663	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	122028	49.140	ug/l	96
56) Ethyl methacrylate	9.116	69	172870	50.921	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	187827	47.837	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	402436	237.393	ug/l	91
59) 2-Hexanone	9.433	43	495269	239.144	ug/l	79
60) Dibromochloromethane	9.525	129	135359	52.495	ug/l	100
61) 1,2-Dibromoethane	9.610	107	134194	51.187	ug/l	98
64) Tetrachloroethene	9.275	164	139146	49.590	ug/l	95
65) Chlorobenzene	10.079	112	322451	48.043	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	121966	49.214	ug/l	98
67) Ethyl Benzene	10.195	91	561593	48.841	ug/l	98
68) m/p-Xylenes	10.305	106	441846	97.977	ug/l	99
69) o-Xylene	10.646	106	219024	49.521	ug/l	100
70) Styrene	10.659	104	364035	50.860	ug/l	99
71) Bromoform	10.799	173	102129	52.998	ug/l #	99
73) Isopropylbenzene	10.963	105	566097	47.453	ug/l	99
74) N-amyl acetate	10.842	43	167374	46.480	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	11.213	83	171269	44.894	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	156998m	44.877	ug/l	
77) Bromobenzene	11.201	156	147969	48.108	ug/l	88
78) n-propylbenzene	11.305	91	643481	47.359	ug/l	98
79) 2-Chlorotoluene	11.366	91	383748	45.866	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	474587	47.273	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	46974	42.199	ug/l	91
82) 4-Chlorotoluene	11.457	91	431707	46.115	ug/l	97
83) tert-Butylbenzene	11.719	119	467948	46.832	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	476812	47.785	ug/l	99
85) sec-Butylbenzene	11.890	105	595729	45.518	ug/l	98
86) p-Isopropyltoluene	12.012	119	499457	48.188	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	270352	45.887	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	273955	46.690	ug/l	98
89) n-Butylbenzene	12.335	91	417872	44.713	ug/l	98
90) Hexachloroethane	12.542	117	85923	45.743	ug/l	84
91) 1,2-Dichlorobenzene	12.335	146	274019	45.347	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40583	43.661	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	207710	54.313	ug/l	93
94) Hexachlorobutadiene	13.725	225	81608	48.737	ug/l	98
95) Naphthalene	13.780	128	711599	53.049	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	204144	50.888	ug/l	99

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VSTDCCC050EC

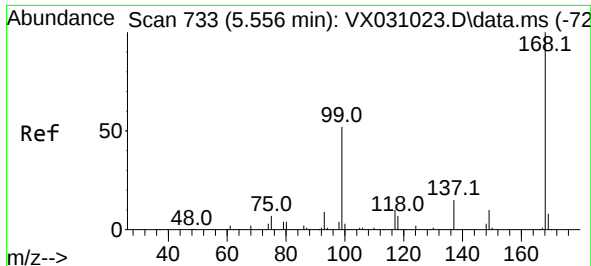
Manual Integrations
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Response via : Initial Calibration

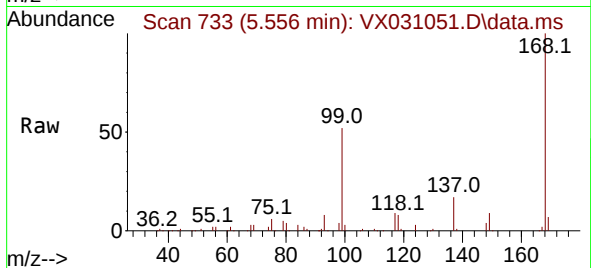
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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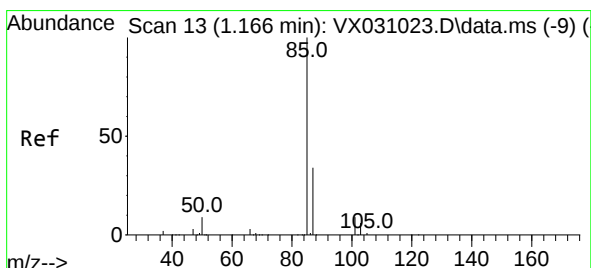
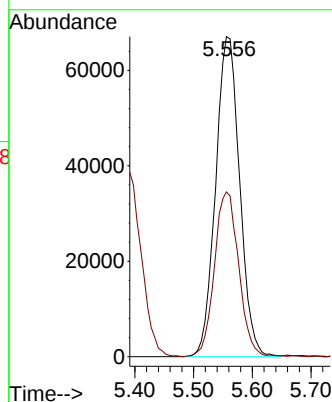
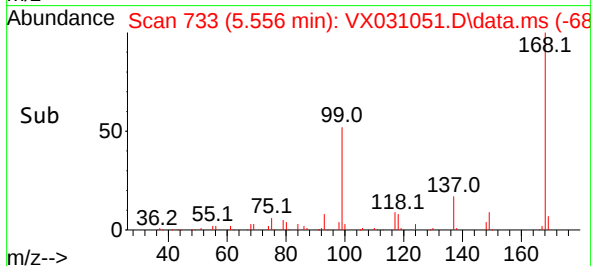
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 19050
Ion Ratio Lower Upper
168 100
99 51.4 44.0 66.0

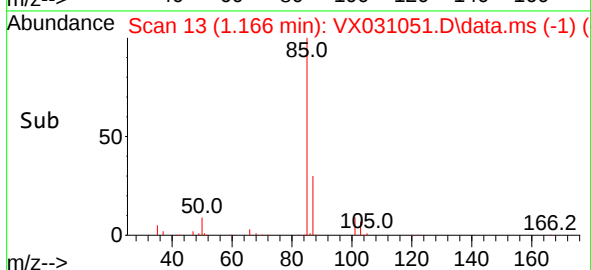
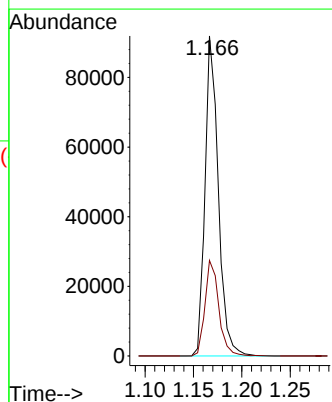
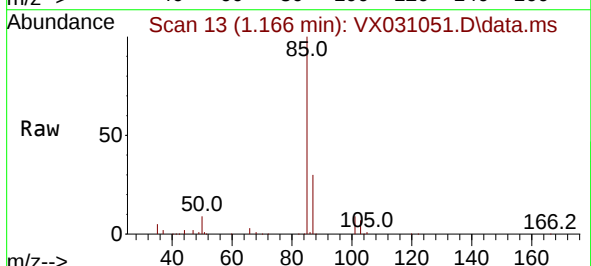
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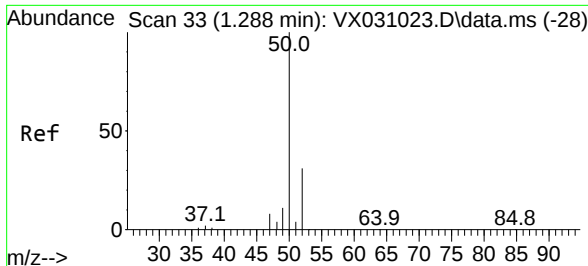
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#2
Dichlorodifluoromethane
Concen: 44.976 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

Tgt Ion: 85 Resp: 88160
Ion Ratio Lower Upper
85 100
87 29.9 16.5 49.5





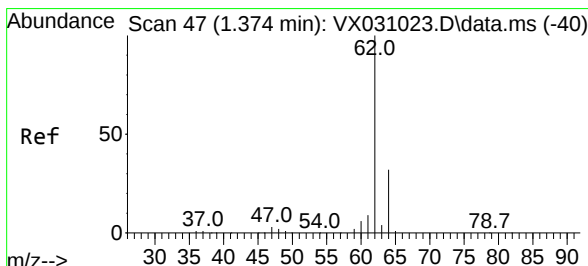
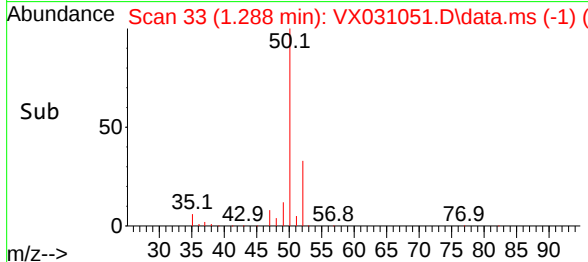
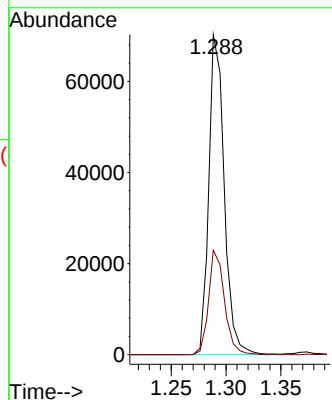
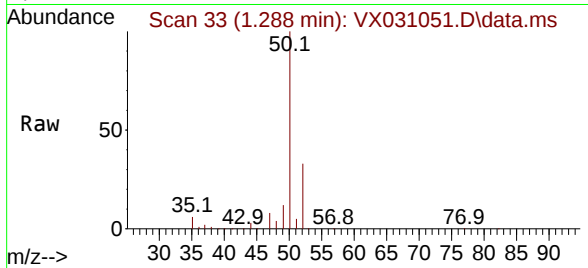
#3
Chloromethane
Concen: 42.083 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

Instrument :
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Tgt Ion: 50 Resp: 6884
Ion Ratio Lower Upper
50 100
52 32.6 26.3 39.5

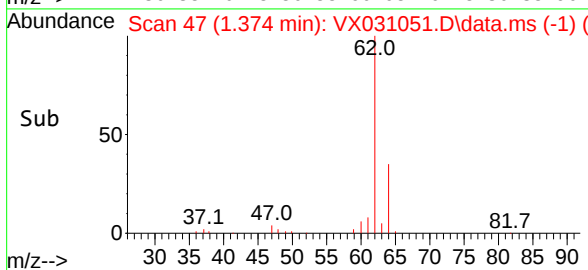
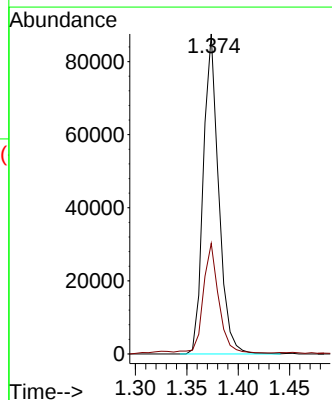
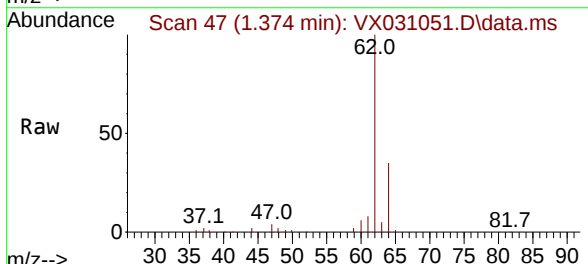
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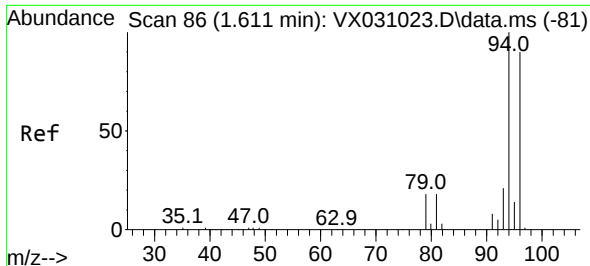
Reviewed By :John Carlone 09/02/2022
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#4
Vinyl Chloride
Concen: 44.492 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

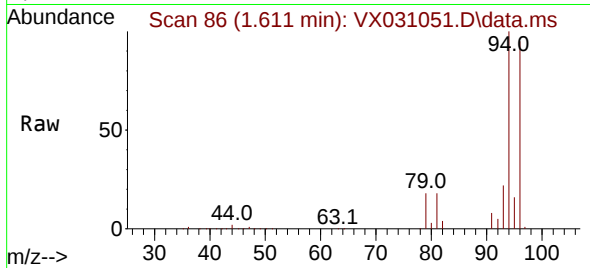
Tgt Ion: 62 Resp: 91102
Ion Ratio Lower Upper
62 100
64 34.1 25.2 37.8





#5
Bromomethane
Concen: 53.061 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

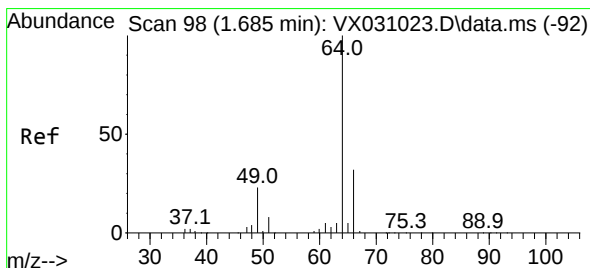
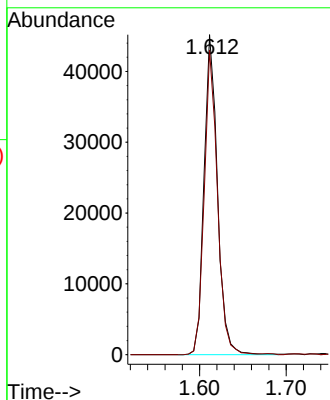
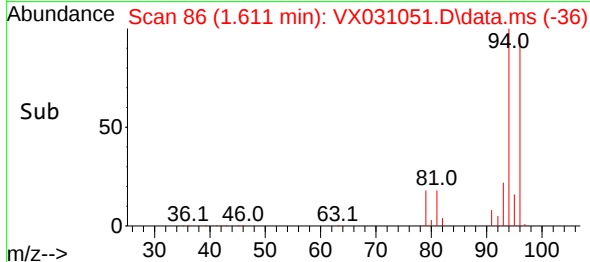
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Tgt Ion: 94 Resp: 48572
Ion Ratio Lower Upper
94 100
96 95.1 76.9 115.3

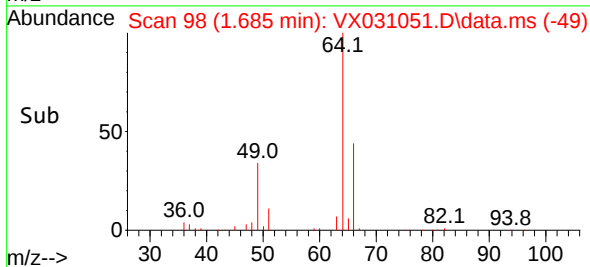
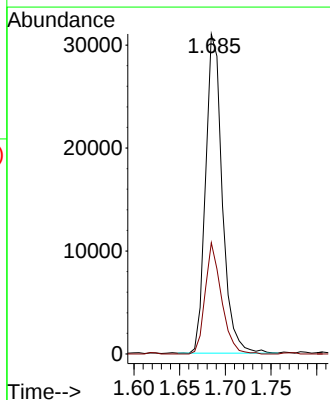
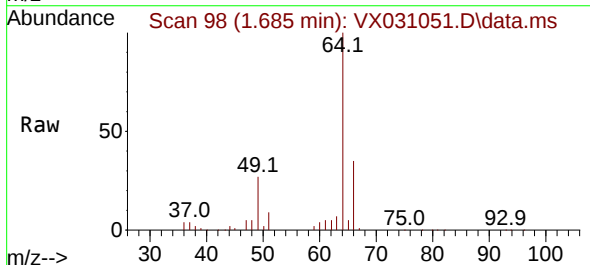
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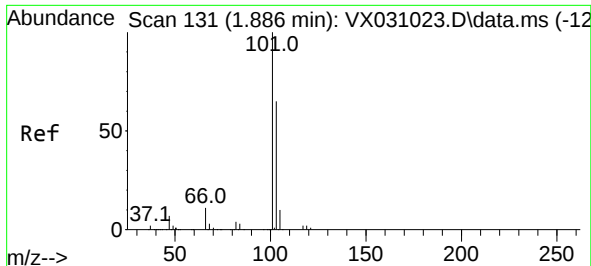
Reviewed By :John Carlone 09/02/2022
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#6
Chloroethane
Concen: 32.376 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031051.D
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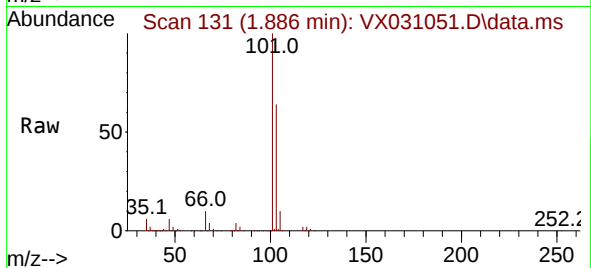
Tgt Ion: 64 Resp: 39145
Ion Ratio Lower Upper
64 100
66 34.8 27.2 40.8





#7
 Trichlorofluoromethane
 Concen: 47.701 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX031051.D
 Acq: 02 Sep 2022 03:33

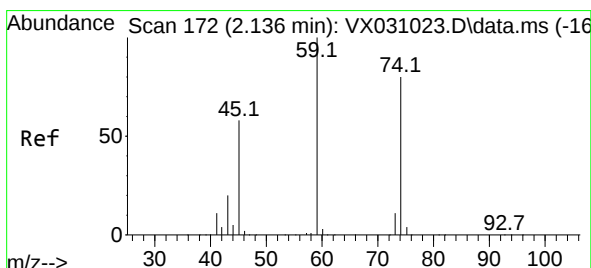
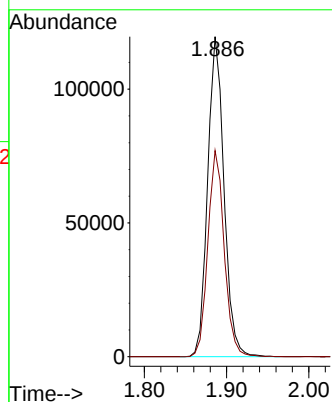
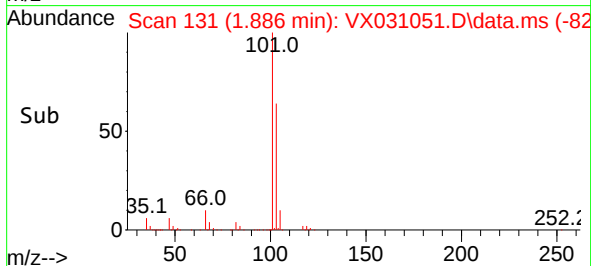
Instrument :
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 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 16504
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.7 74.5

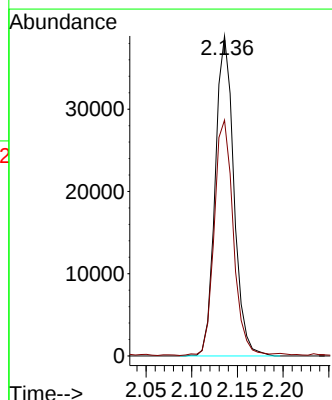
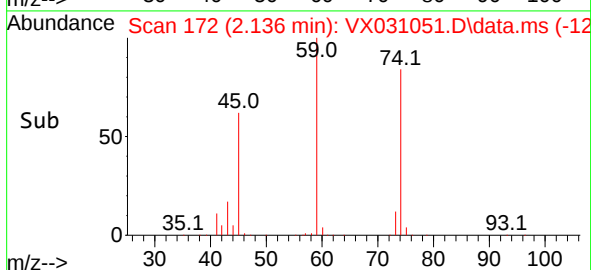
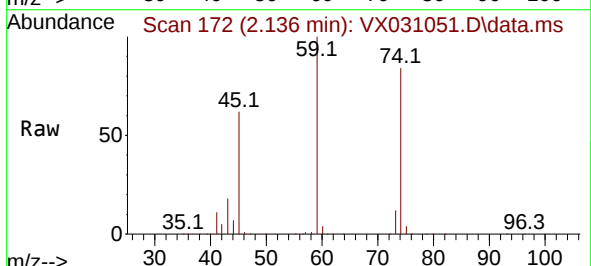
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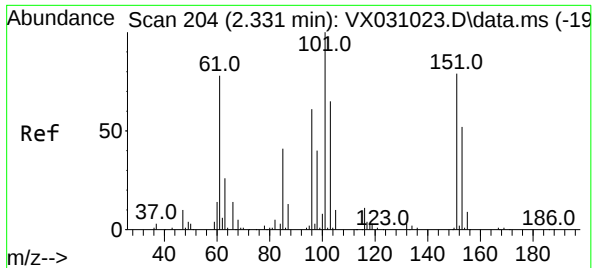
Reviewed By :John Carlone 09/02/2022
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#8
 Diethyl Ether
 Concen: 45.640 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX031051.D
 Acq: 02 Sep 2022 03:33

Tgt Ion: 74 Resp: 55074
 Ion Ratio Lower Upper
 74 100
 45 75.2 51.5 154.7





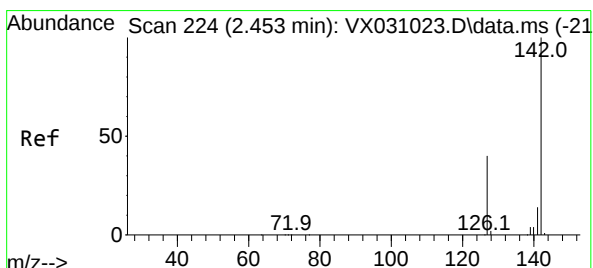
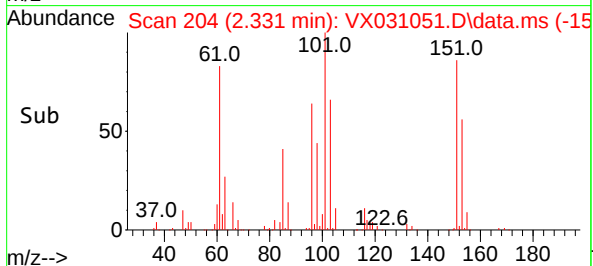
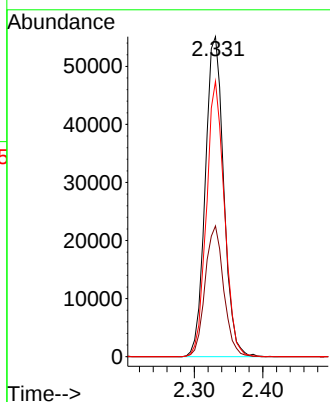
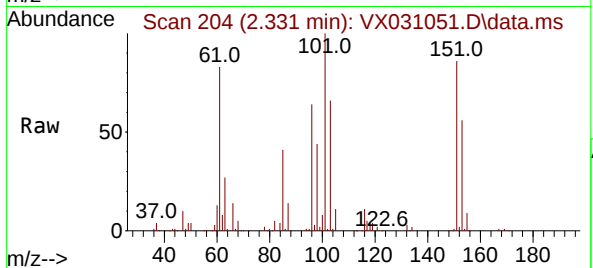
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.041 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 10322
Ion Ratio Lower Upper
101 100
85 41.2 34.0 51.0
151 83.6 59.4 89.0

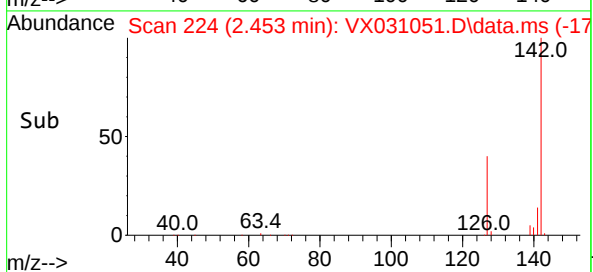
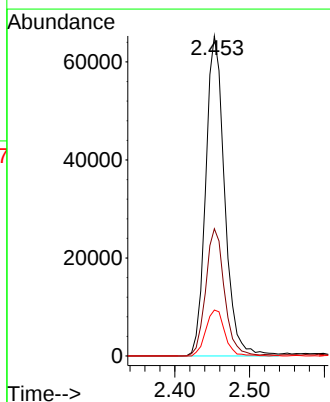
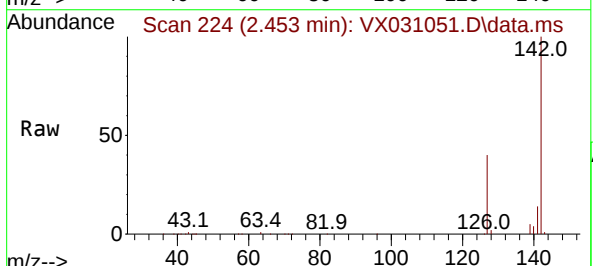
Manual Integrations
APPROVED

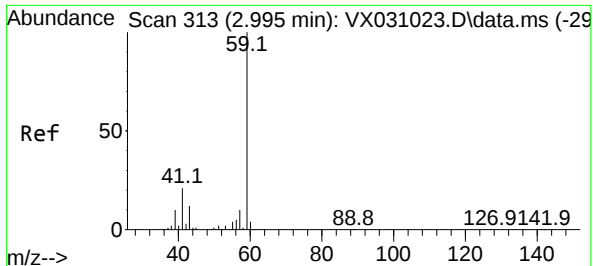
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#10
Methyl Iodide
Concen: 51.679 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

Tgt Ion:142 Resp: 114853
Ion Ratio Lower Upper
142 100
127 39.4 30.2 45.2
141 14.5 11.3 16.9





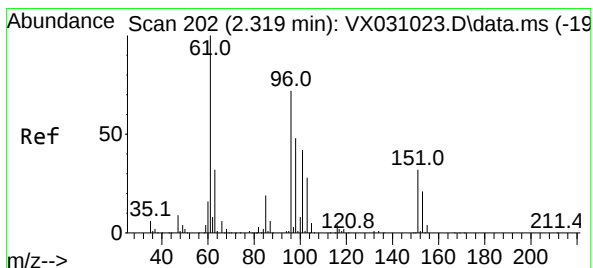
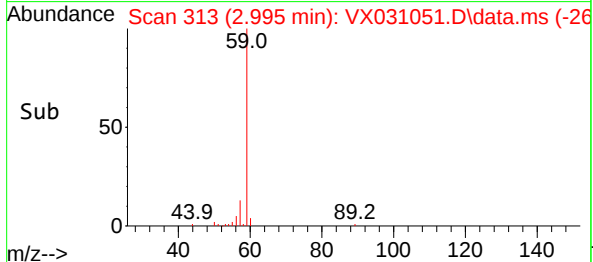
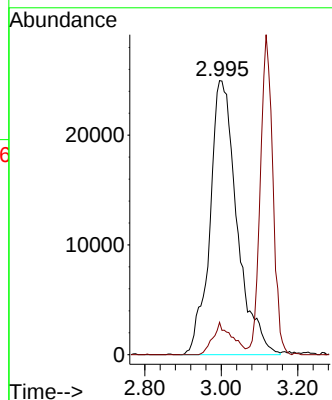
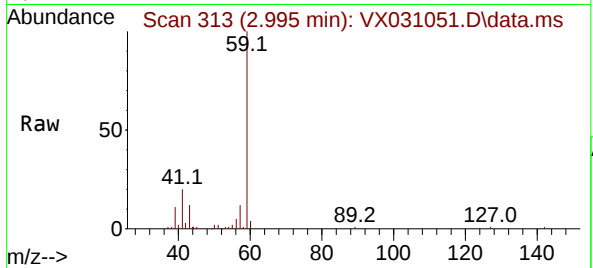
#11
Tert butyl alcohol
Concen: 248.090 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.006 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 122954
Ion Ratio Lower Upper
59 100
57 8.3 7.4 11.2

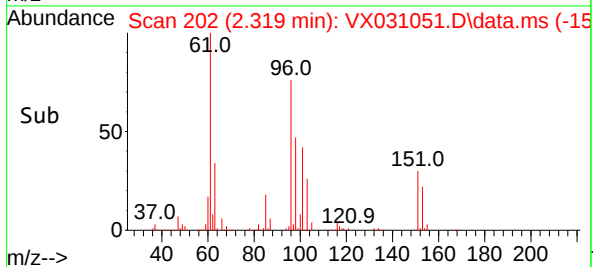
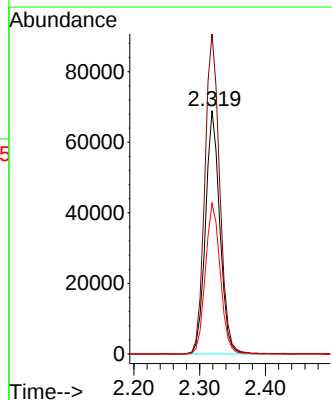
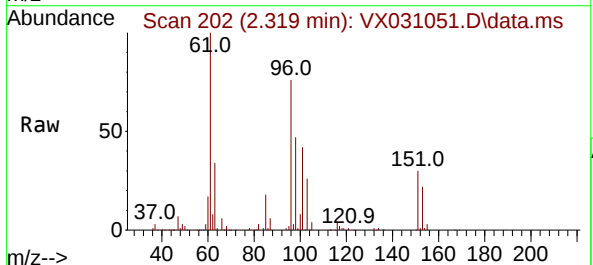
Manual Integrations
APPROVED

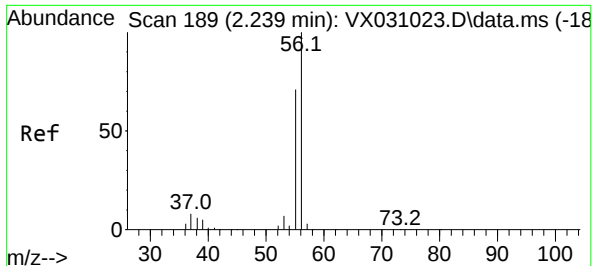
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#12
1,1-Dichloroethene
Concen: 47.275 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

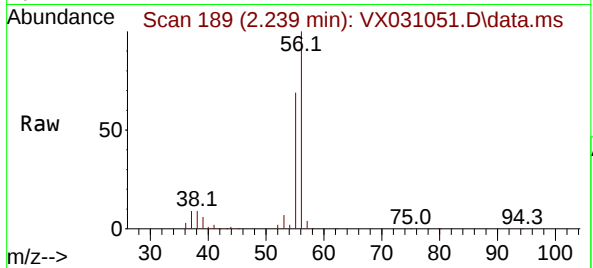
Tgt Ion: 96 Resp: 104624
Ion Ratio Lower Upper
96 100
61 131.6 117.4 176.0
98 62.0 52.2 78.4





#13
Acrolein
Concen: 228.974 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

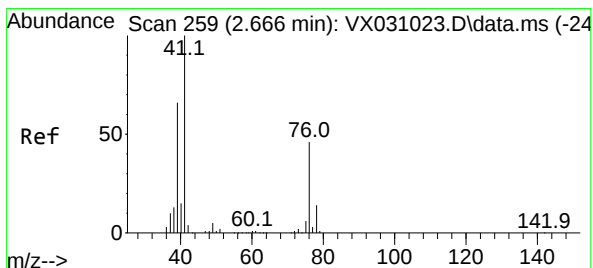
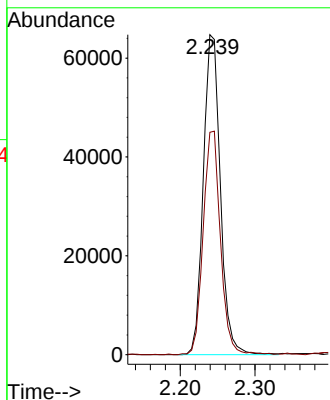
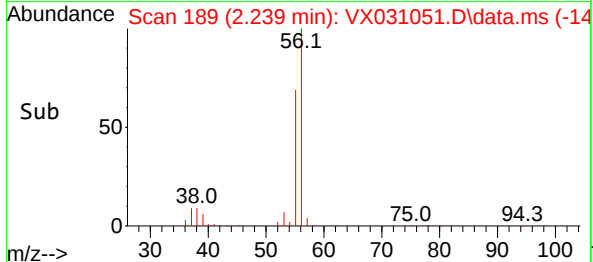
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 10270
Ion Ratio Lower Upper
56 100
55 70.7 56.6 84.8

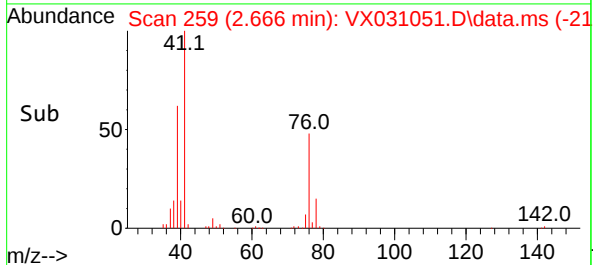
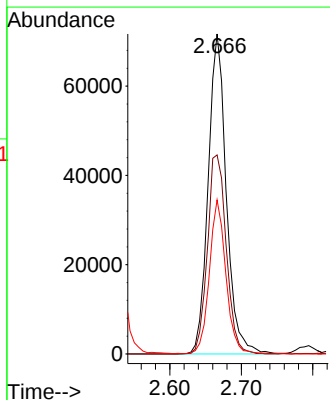
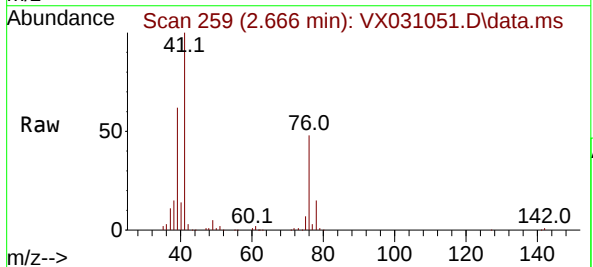
Manual Integrations
APPROVED

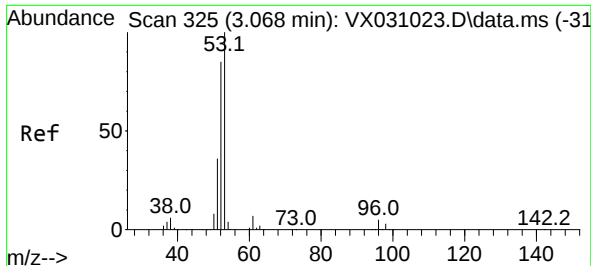
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#14
Allyl chloride
Concen: 43.079 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

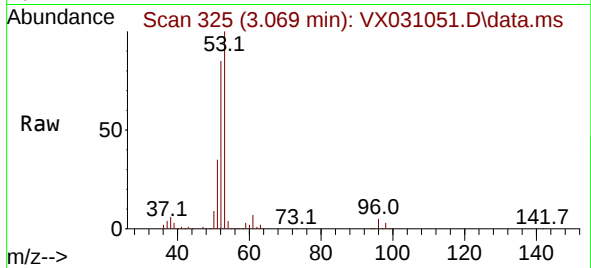
Tgt Ion: 41 Resp: 126616
Ion Ratio Lower Upper
41 100
39 64.4 48.9 73.3
76 43.8 26.9 40.3





#15
Acrylonitrile
Concen: 227.260 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

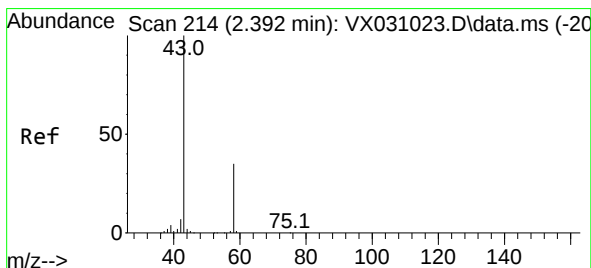
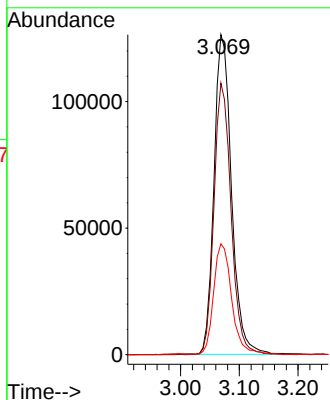
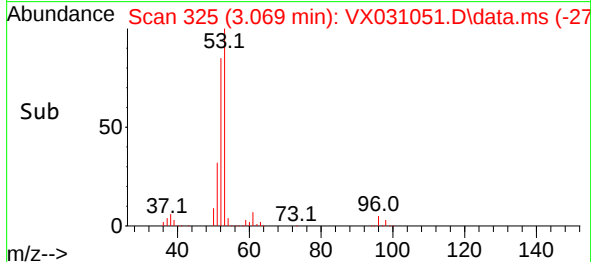
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 261170
Ion Ratio Lower Upper
53 100
52 83.3 65.4 98.0
51 35.9 27.7 41.5

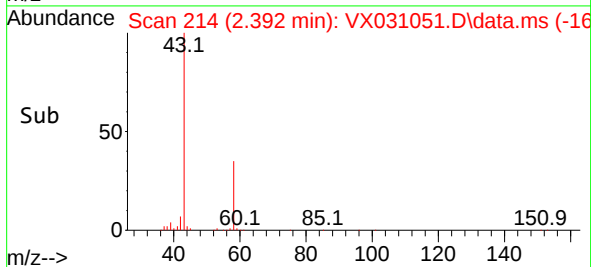
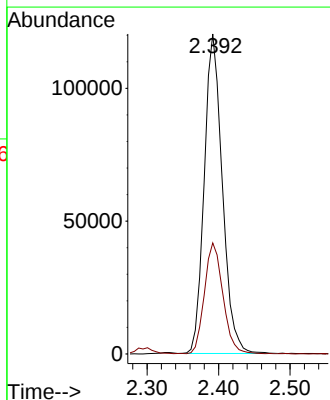
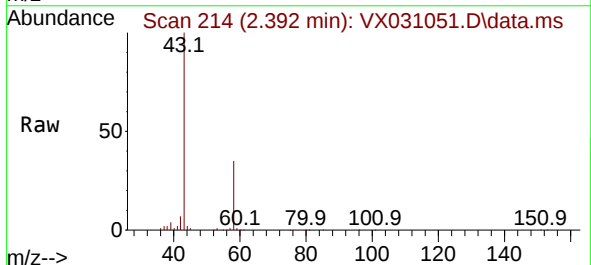
Manual Integrations
APPROVED

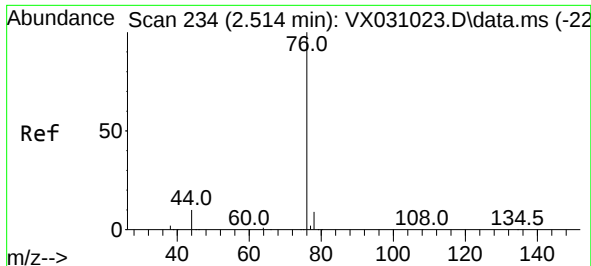
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#16
Acetone
Concen: 223.794 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

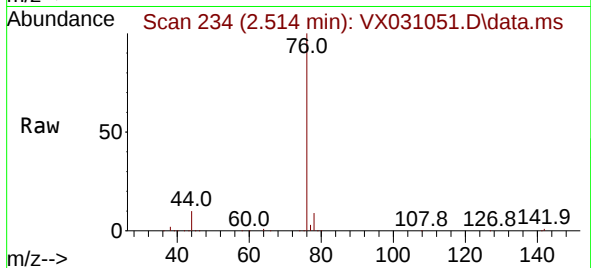
Tgt Ion: 43 Resp: 211769
Ion Ratio Lower Upper
43 100
58 34.6 27.7 41.5





#17
Carbon Disulfide
Concen: 45.340 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

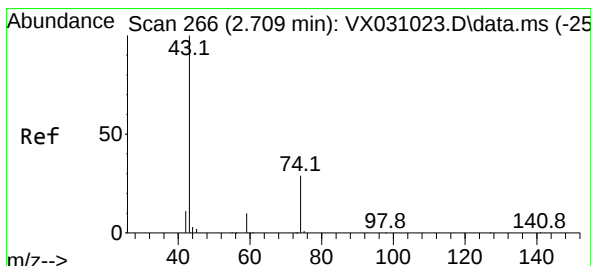
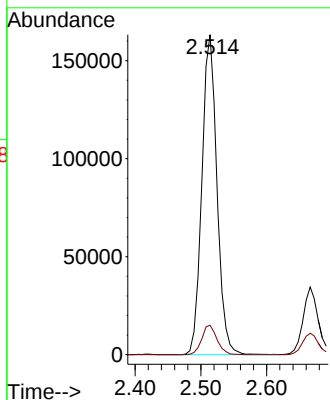
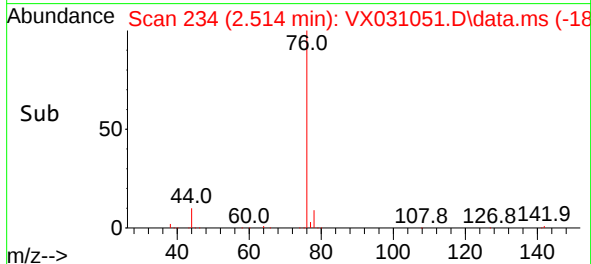
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



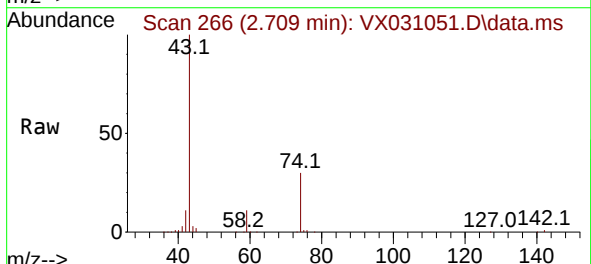
Tgt Ion: 76 Resp: 260592
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.6

Manual Integrations
APPROVED

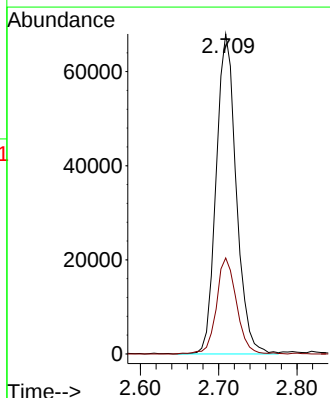
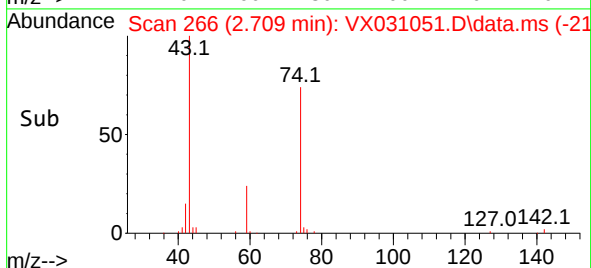
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#18
Methyl Acetate
Concen: 44.586 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33



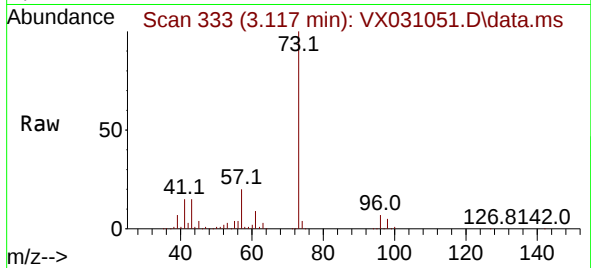
Tgt Ion: 43 Resp: 121237
Ion Ratio Lower Upper
43 100
74 29.8 19.4 29.2#





#19
Methyl tert-butyl Ether
Concen: 48.609 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

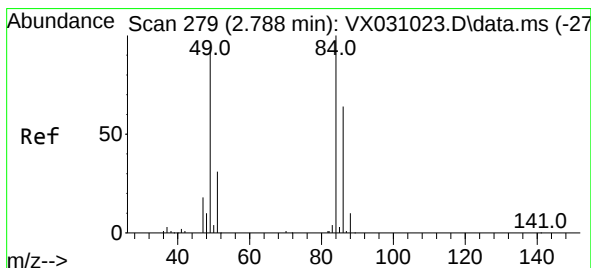
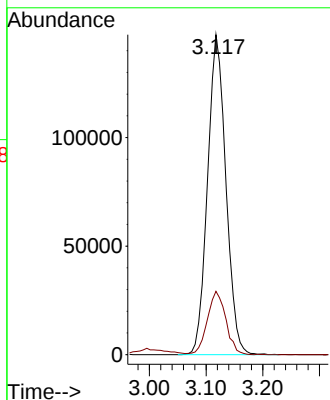
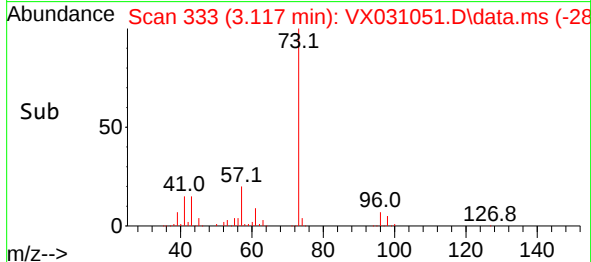
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 331299
Ion Ratio Lower Upper
73 100
57 19.8 19.0 28.6

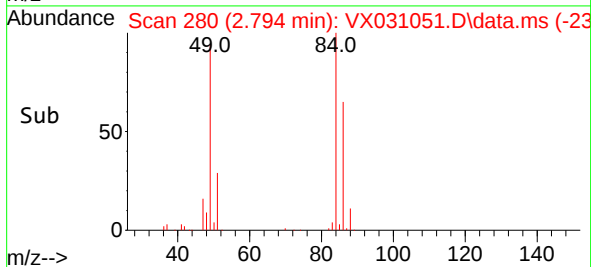
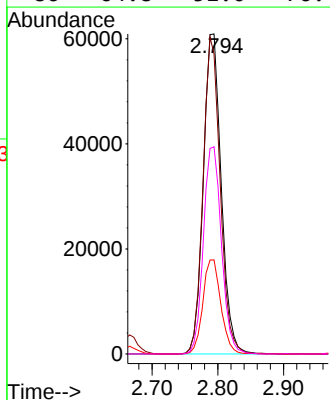
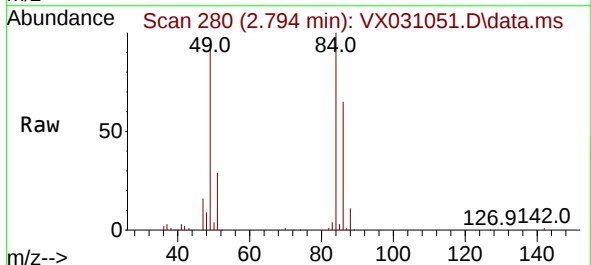
Manual Integrations
APPROVED

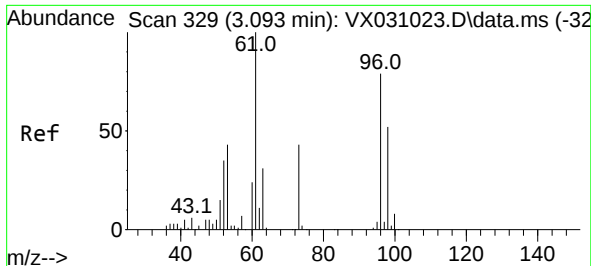
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#20
Methylene Chloride
Concen: 50.054 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

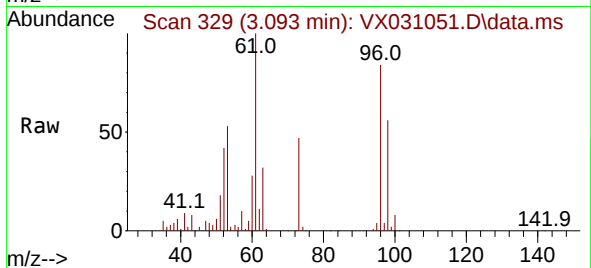
Tgt Ion: 84 Resp: 115244
Ion Ratio Lower Upper
84 100
49 93.7 93.8 140.6#
51 29.4 29.4 44.0
86 64.8 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 45.627 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

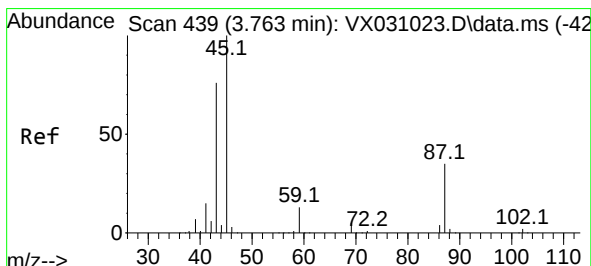
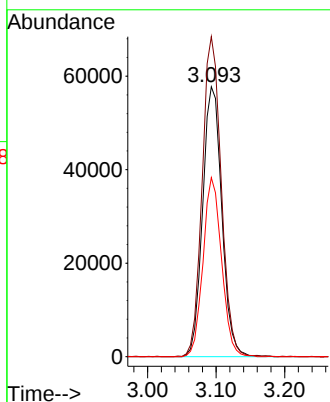
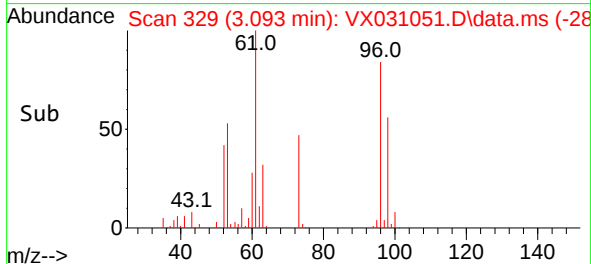
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



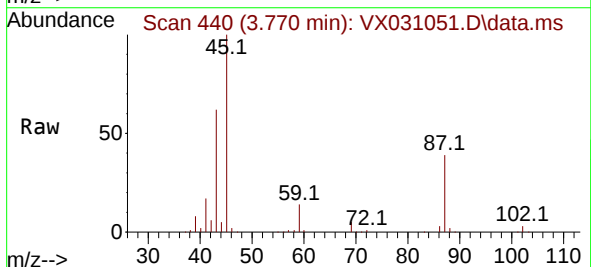
Tgt Ion: 96 Resp: 112362
Ion Ratio Lower Upper
96 100
61 118.6 105.6 158.4
98 66.3 50.1 75.1

Manual Integrations
APPROVED

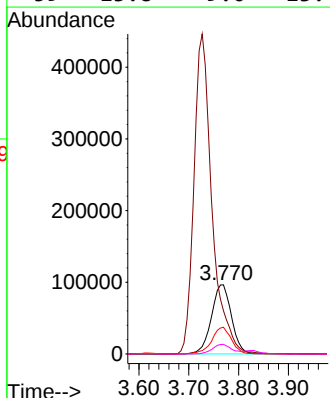
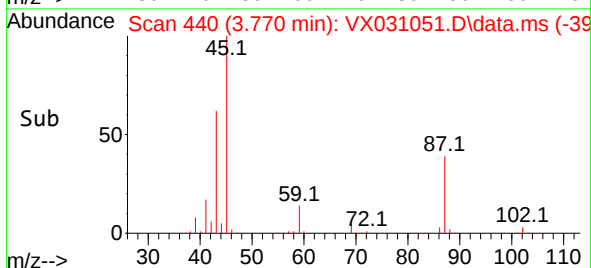
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

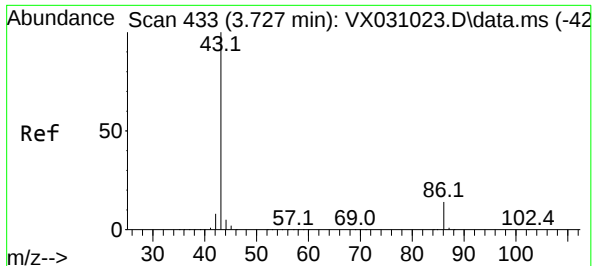


#22
Diisopropyl ether
Concen: 45.496 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33



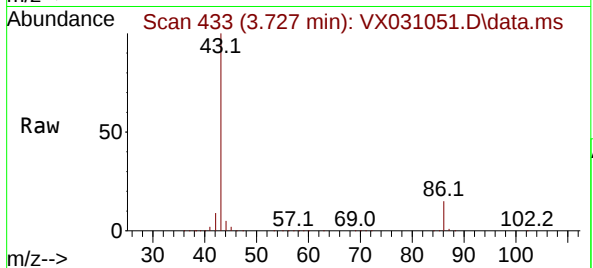
Tgt Ion: 45 Resp: 269435
Ion Ratio Lower Upper
45 100
43 61.7 65.4 98.0#
87 38.6 22.3 33.5#
59 13.8 9.0 13.4#





#23
 Vinyl Acetate
 Concen: 234.180 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX031051.D
 Acq: 02 Sep 2022 03:33

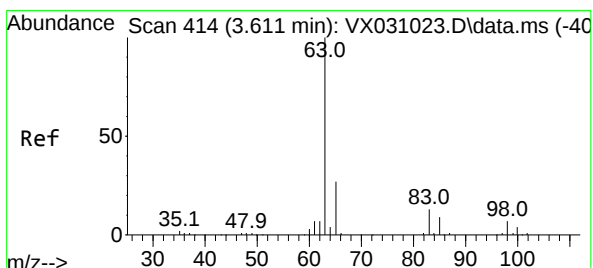
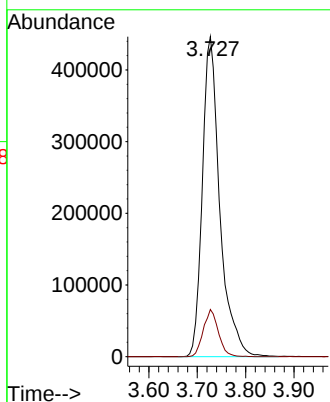
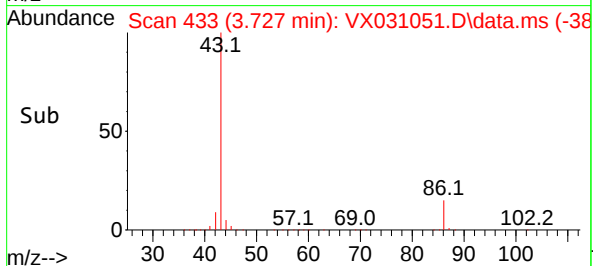
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



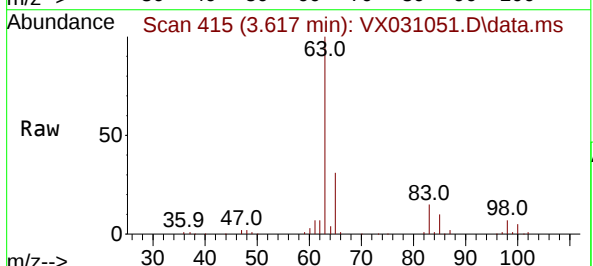
Tgt Ion: 43 Resp: 1120204
 Ion Ratio Lower Upper
 43 100
 86 14.7 8.5 12.7

Manual Integrations
 APPROVED

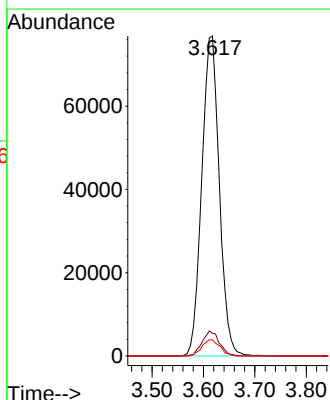
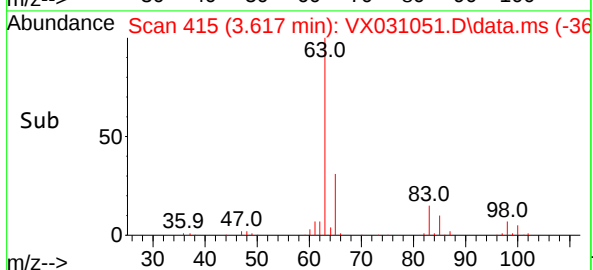
Reviewed By :John Carlone 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022

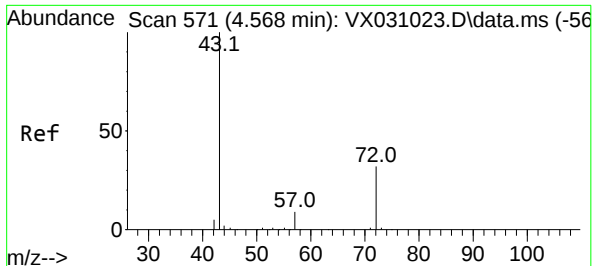


#24
 1,1-Dichloroethane
 Concen: 45.562 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX031051.D
 Acq: 02 Sep 2022 03:33



Tgt Ion: 63 Resp: 181816
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 5.1 2.3 6.9





#25

2-Butanone

Concen: 222.470 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 325000

Ion Ratio Lower Upper

43 100

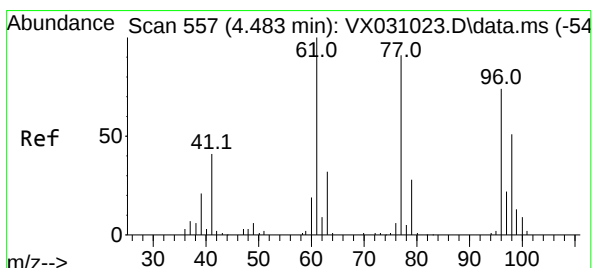
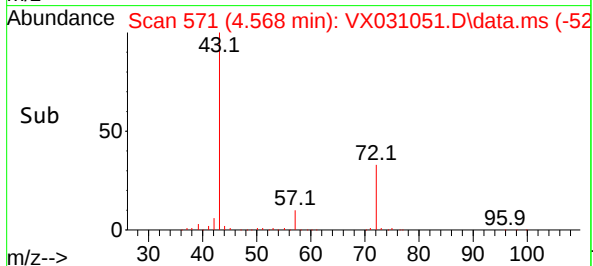
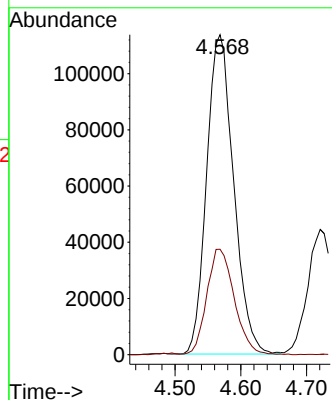
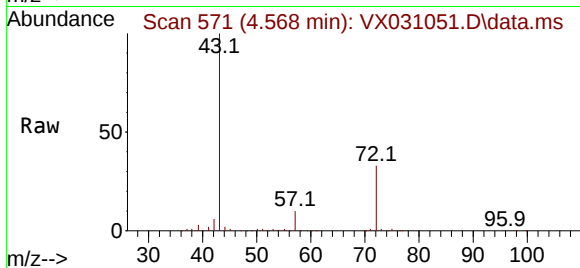
72 32.8 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#26

2,2-Dichloropropane

Concen: 29.613 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX031051.D

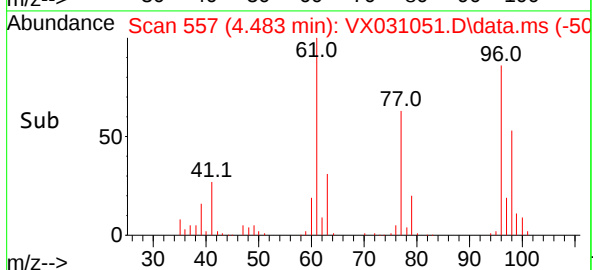
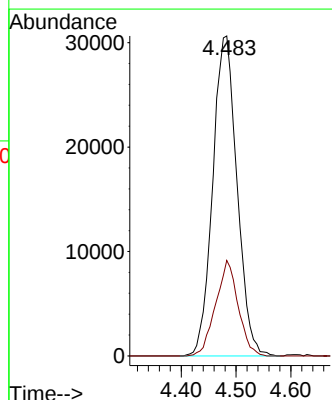
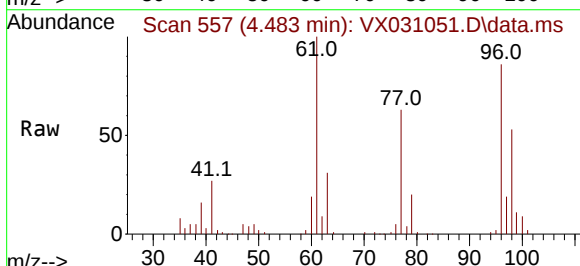
Acq: 02 Sep 2022 03:33

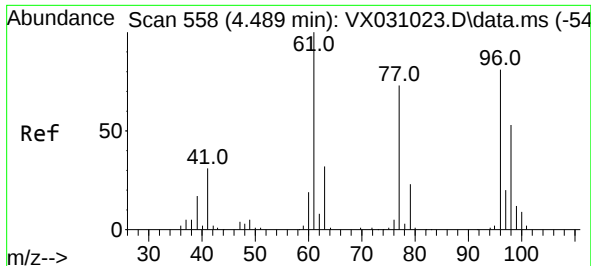
Tgt Ion: 77 Resp: 94300

Ion Ratio Lower Upper

77 100

97 27.7 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 47.114 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 130030

Ion Ratio Lower Upper

96 100

61 116.4 0.0 270.0

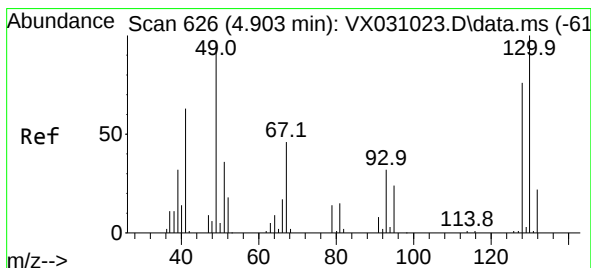
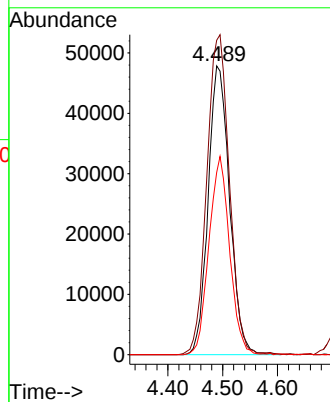
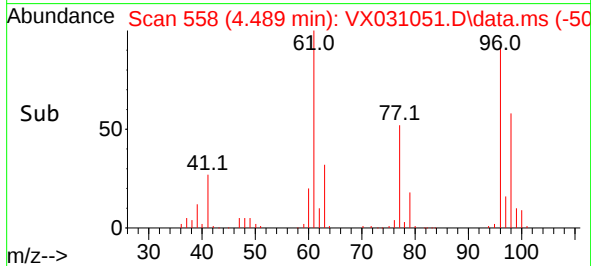
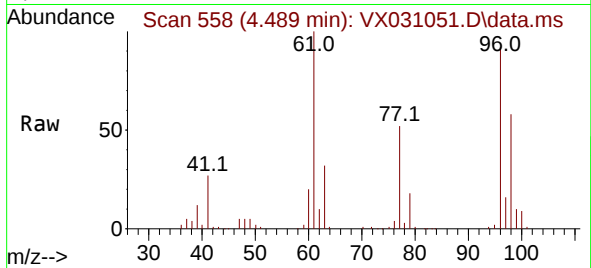
98 66.0 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#28

Bromochloromethane

Concen: 44.634 ug/l

RT: 4.904 min Scan# 626

Delta R.T. -0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

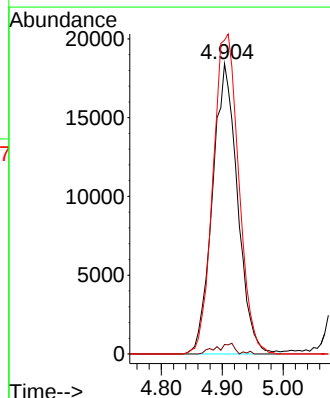
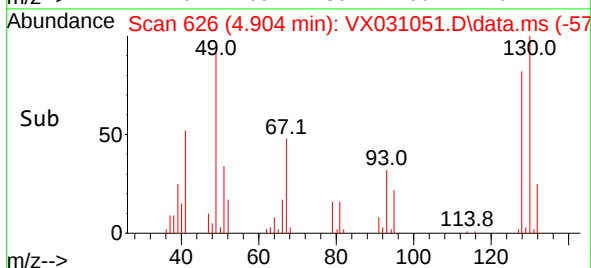
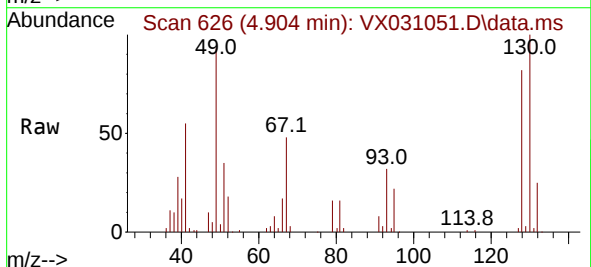
Tgt Ion: 49 Resp: 52770

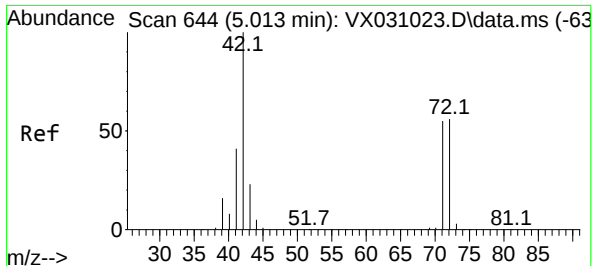
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.4

130 113.4 62.8 94.2#





#29

Tetrahydrofuran

Concen: 214.412 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 20193

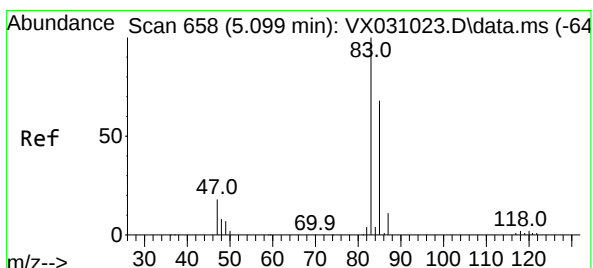
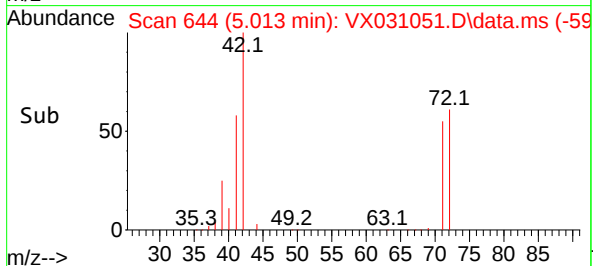
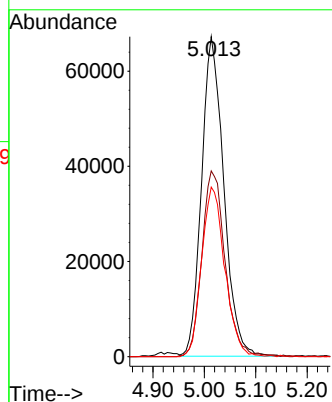
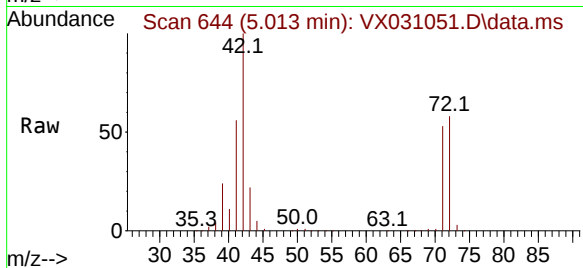
Ion	Ratio	Lower	Upper
42	100		
72	60.7	36.5	54.7
71	55.4	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#30

Chloroform

Concen: 47.485 ug/l

RT: 5.099 min Scan# 658

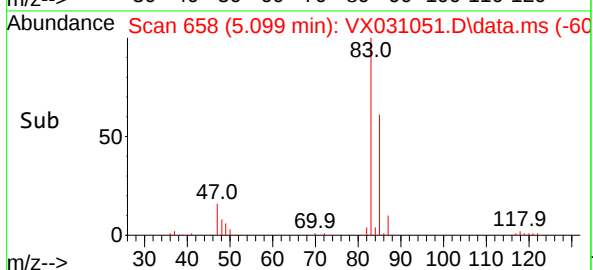
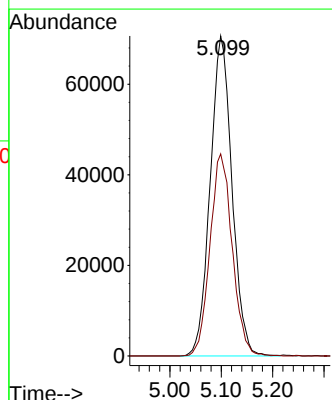
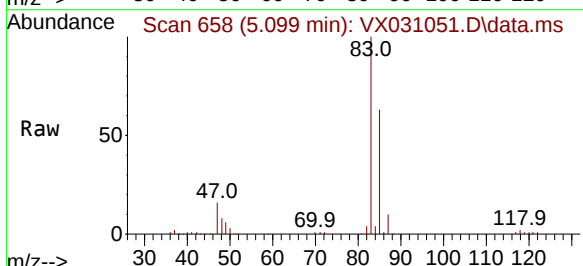
Delta R.T. -0.000 min

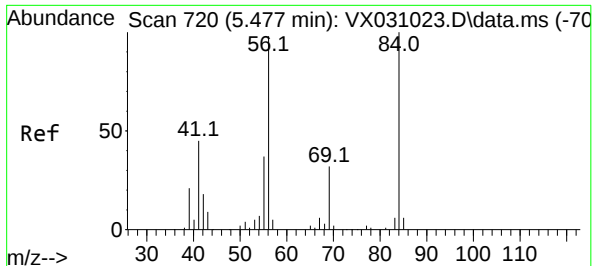
Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Tgt Ion: 83 Resp: 207798

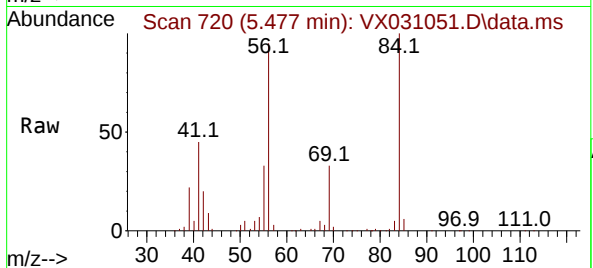
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.5	77.3





#31
Cyclohexane
Concen: 45.044 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

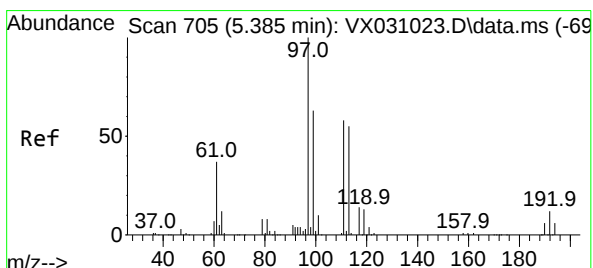
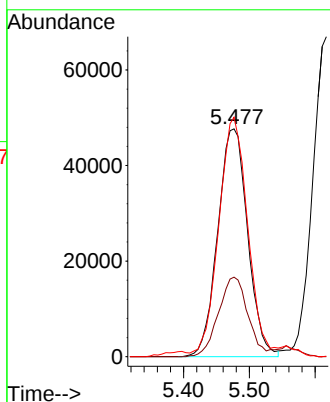
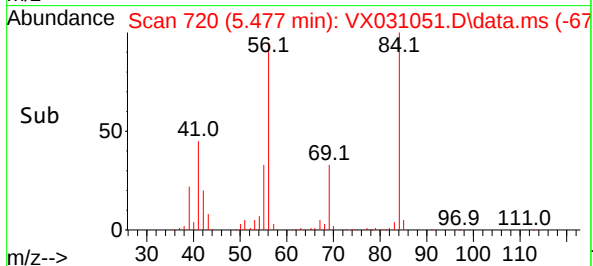
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



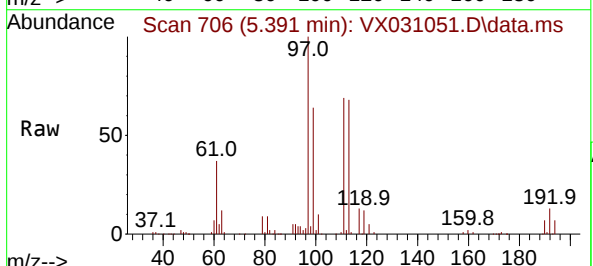
Tgt Ion: 56 Resp: 150820
Ion Ratio Lower Upper
56 100
69 34.9 25.4 38.0
84 102.9 68.9 103.3

Manual Integrations
APPROVED

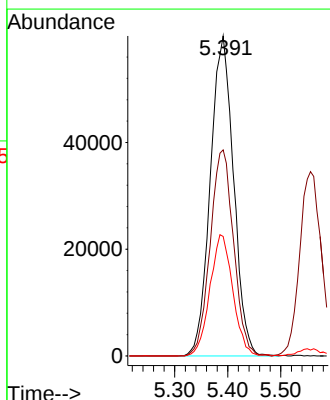
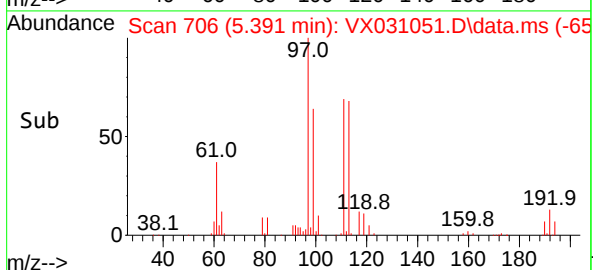
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

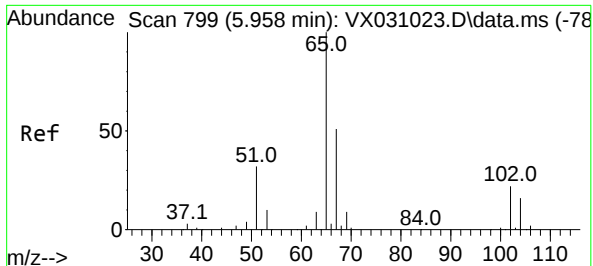


#32
1,1,1-Trichloroethane
Concen: 48.634 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33



Tgt Ion: 97 Resp: 182441
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.0
61 37.3 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 48.325 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 11845

Ion Ratio Lower Upper

65 100

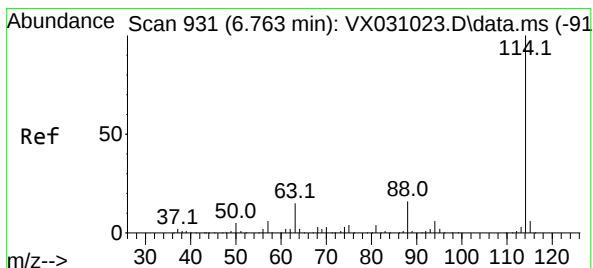
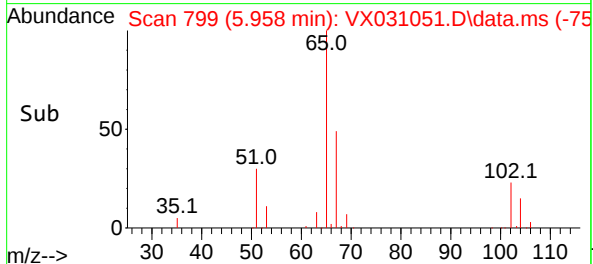
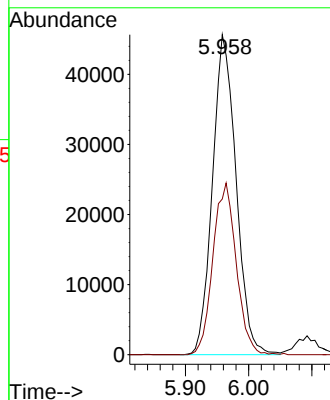
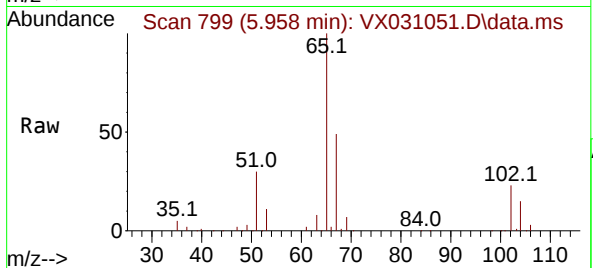
67 53.0 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

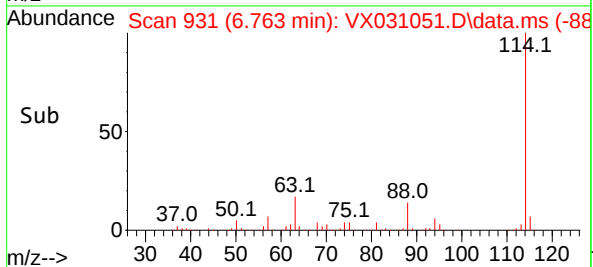
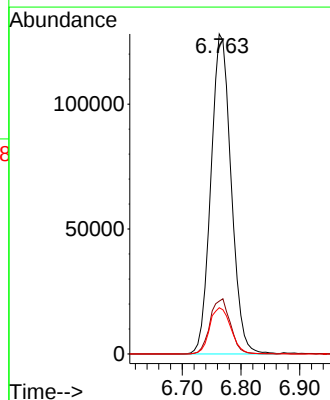
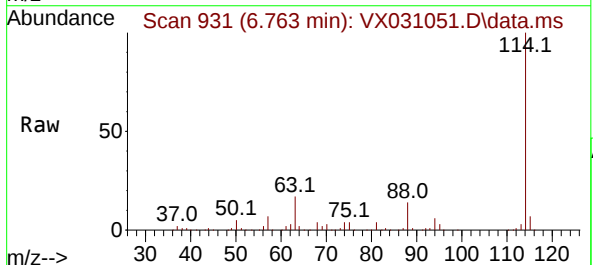
Tgt Ion:114 Resp: 306913

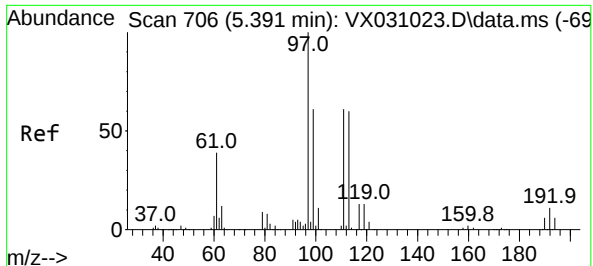
Ion Ratio Lower Upper

114 100

63 16.5 0.0 38.4

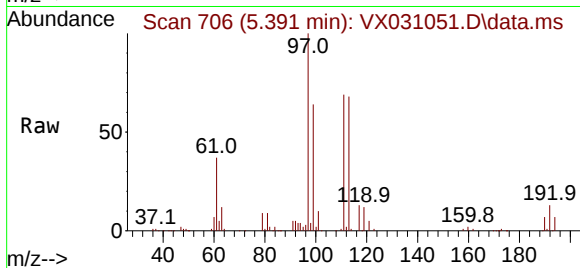
88 14.5 0.0 31.8





#35
Dibromofluoromethane
Concen: 50.728 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

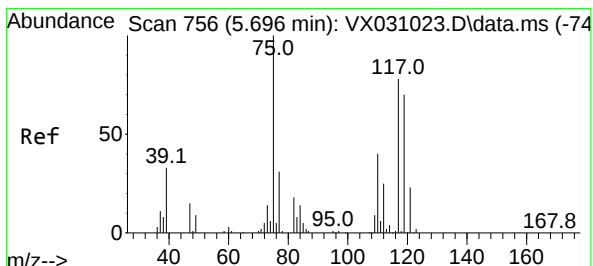
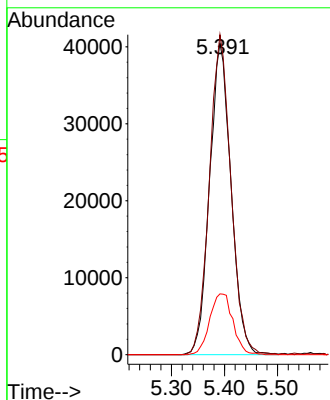
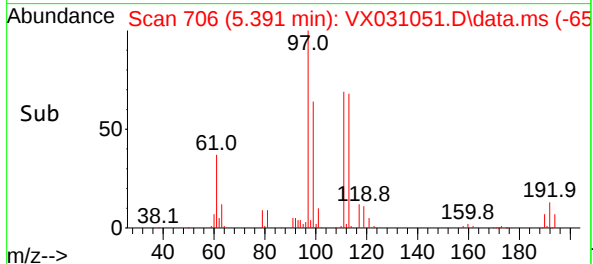
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 11361
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 21.1 14.8 22.2

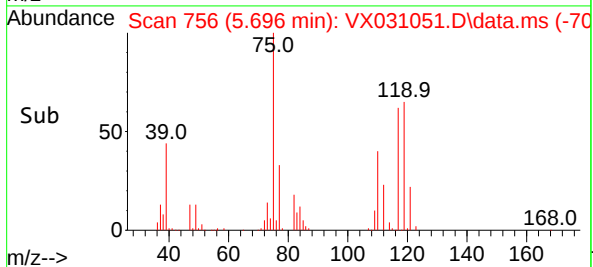
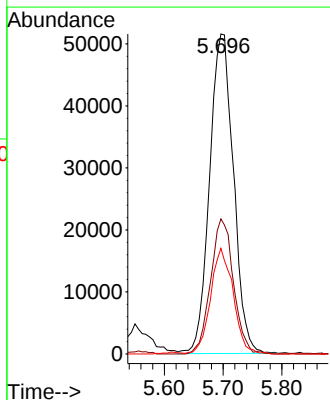
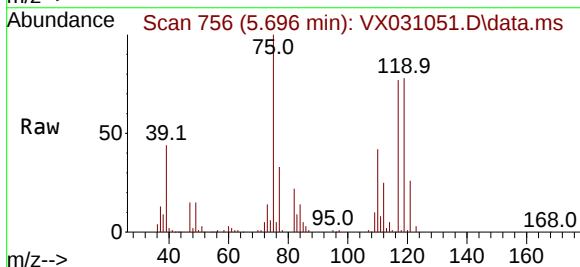
Manual Integrations
APPROVED

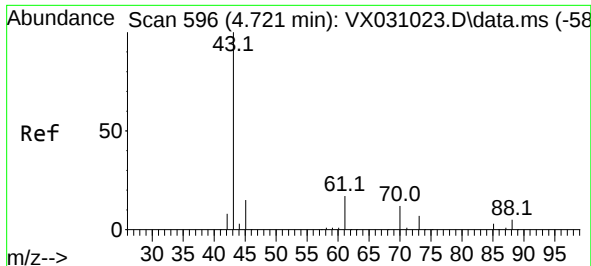
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#36
1,1-Dichloropropene
Concen: 46.398 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

Tgt Ion: 75 Resp: 145561
Ion Ratio Lower Upper
75 100
110 40.5 19.3 57.9
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 46.773 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 12749

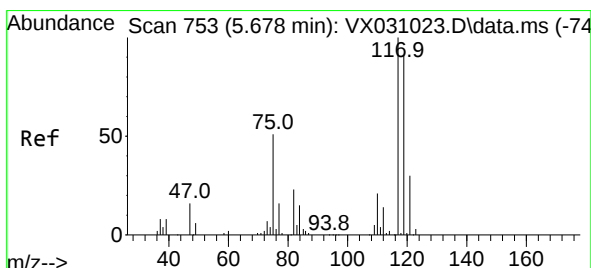
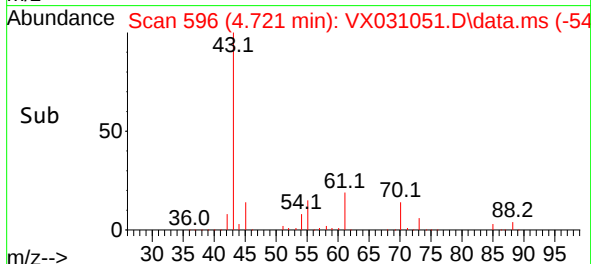
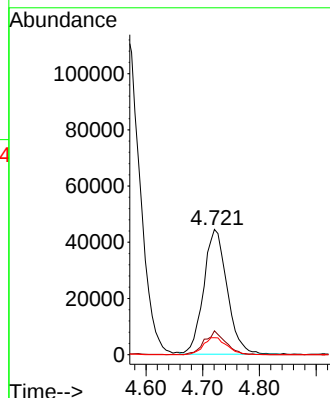
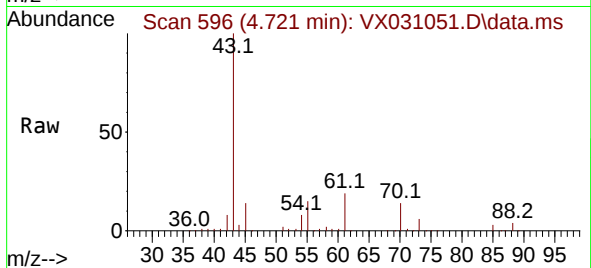
Ion	Ratio	Lower	Upper
43	100		
61	17.4	11.7	17.5
70	13.7	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#38

Carbon Tetrachloride

Concen: 49.375 ug/l

RT: 5.684 min Scan# 754

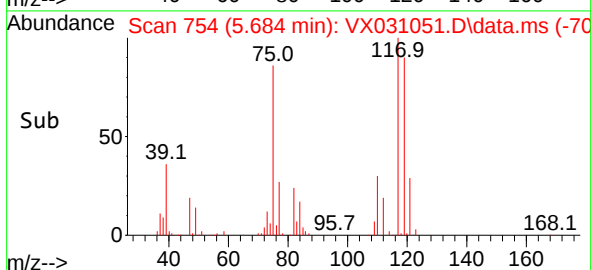
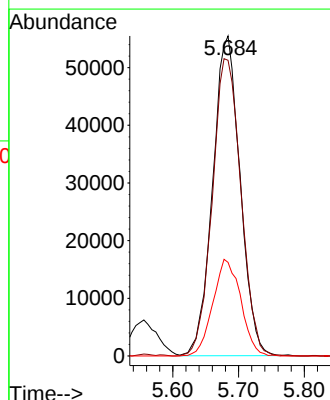
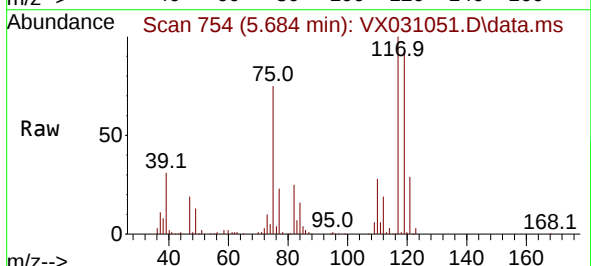
Delta R.T. -0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Tgt Ion:117 Resp: 160787

Ion	Ratio	Lower	Upper
117	100		
119	92.4	74.1	111.1
121	29.3	25.8	38.8





#39

Methylcyclohexane

Concen: 46.534 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 180929

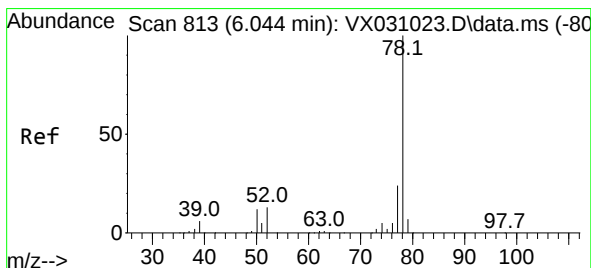
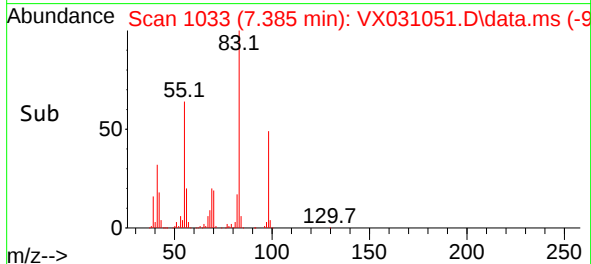
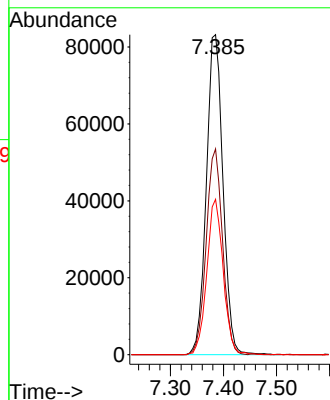
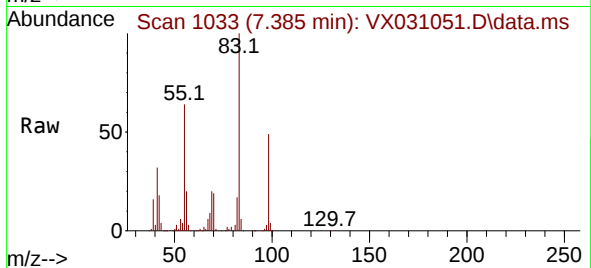
Ion	Ratio	Lower	Upper
83	100		
55	64.3	57.7	86.5
98	48.6	36.5	54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#40

Benzene

Concen: 50.314 ug/l

RT: 6.031 min Scan# 811

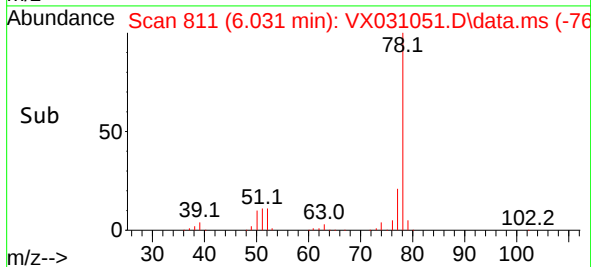
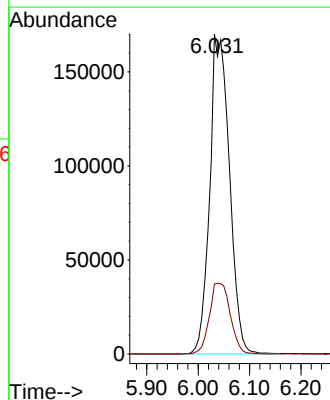
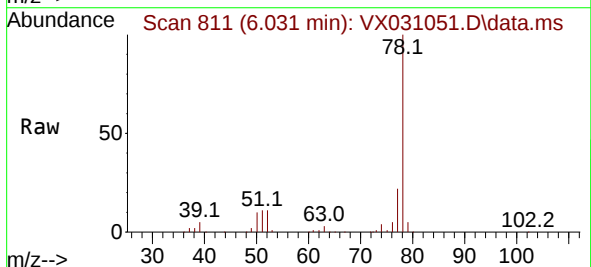
Delta R.T. -0.013 min

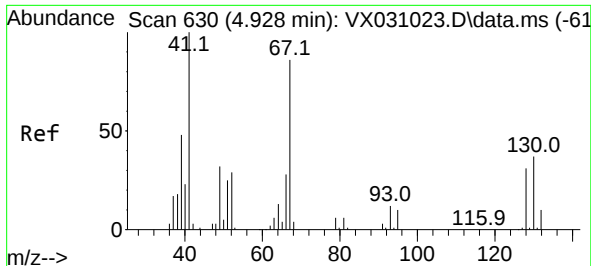
Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Tgt Ion: 78 Resp: 453187

Ion	Ratio	Lower	Upper
78	100		
77	21.8	18.0	27.0





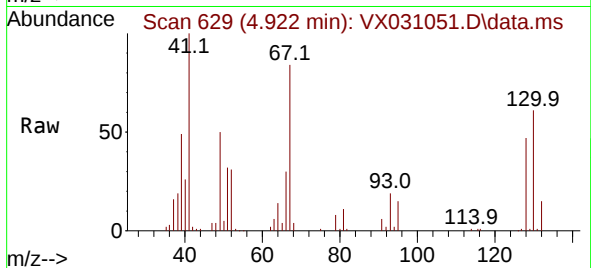
#41
Methacrylonitrile
Concen: 46.597 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

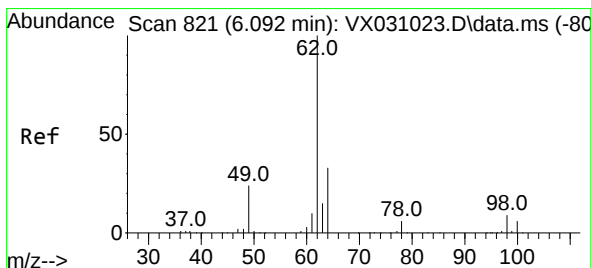
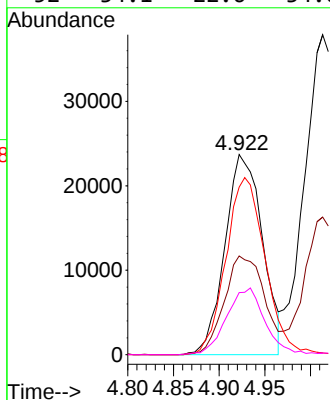
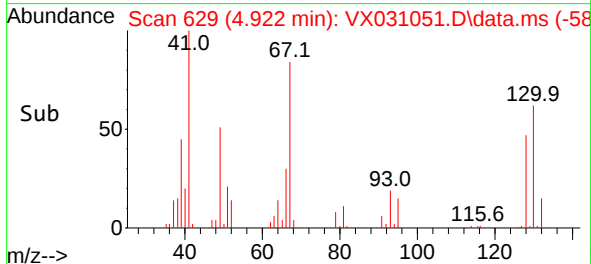


Tgt Ion: 41 Resp: 6771
Ion Ratio Lower Upper
41 100
39 52.3 42.9 64.3
67 92.4 60.1 90.1
52 34.1 22.6 34.0#

Manual Integrations

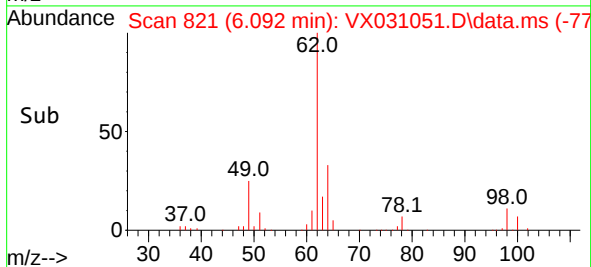
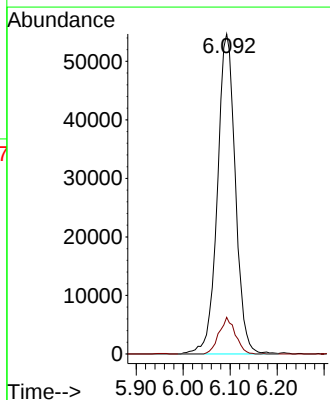
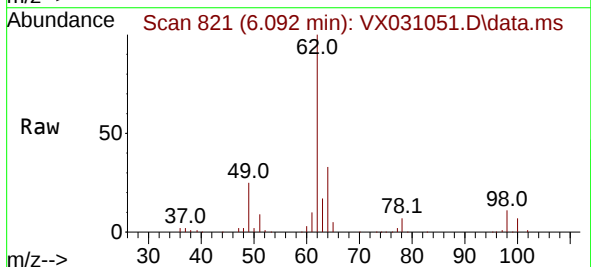
APPROVED

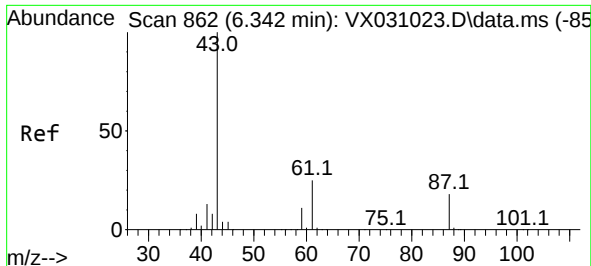
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#42
1,2-Dichloroethane
Concen: 48.937 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

Tgt Ion: 62 Resp: 145402
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.2





#43

Isopropyl Acetate

Concen: 46.556 ug/l

RT: 6.348 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 19833

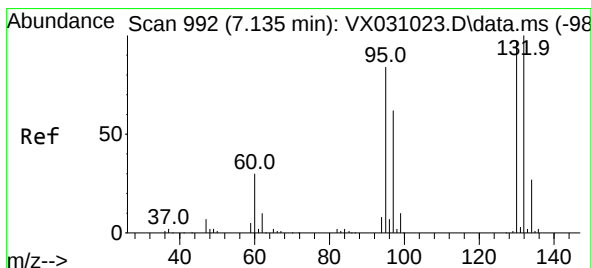
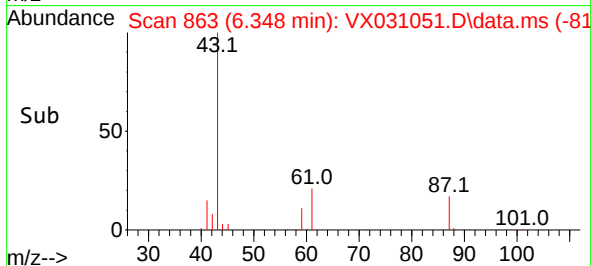
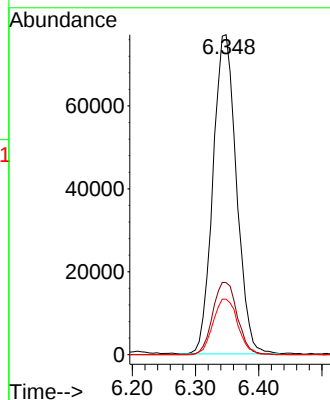
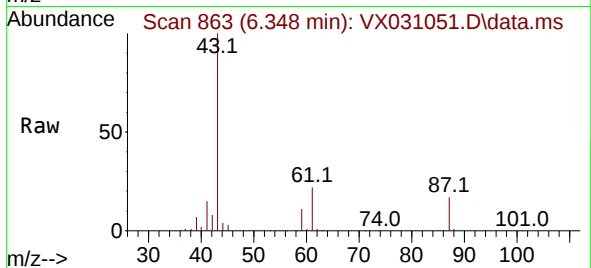
Ion	Ratio	Lower	Upper
43	100		
61	23.8	16.5	24.7
87	18.4	11.1	16.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#44

Trichloroethene

Concen: 48.835 ug/l

RT: 7.129 min Scan# 991

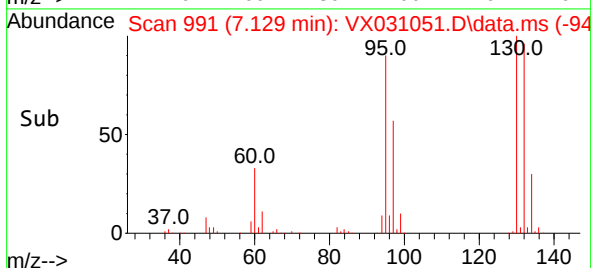
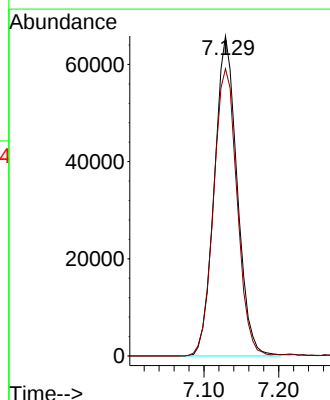
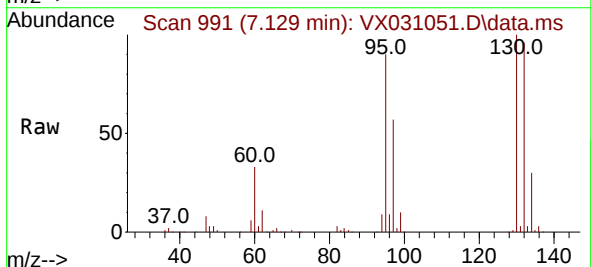
Delta R.T. -0.000 min

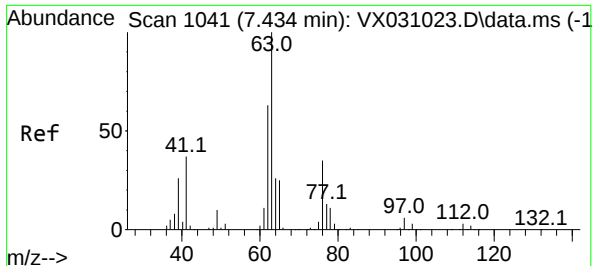
Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Tgt Ion:130 Resp: 139224

Ion	Ratio	Lower	Upper
130	100		
95	89.8	0.0	194.8





#45

1,2-Dichloropropane

Concen: 47.158 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 108870

Ion Ratio Lower Upper

63 100

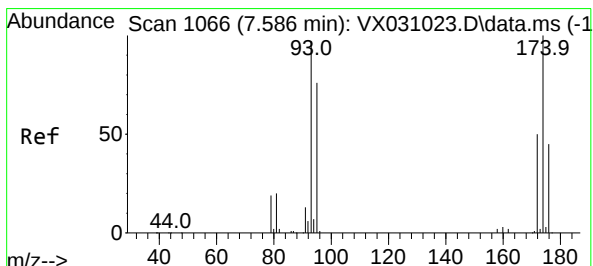
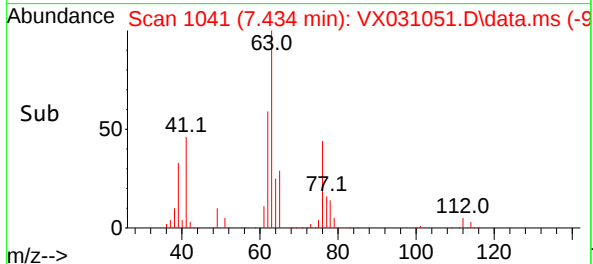
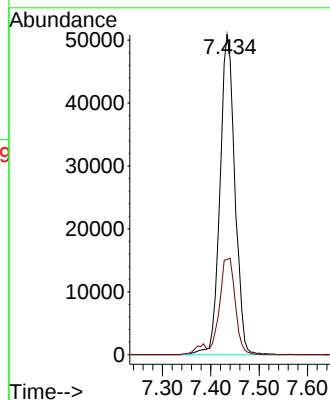
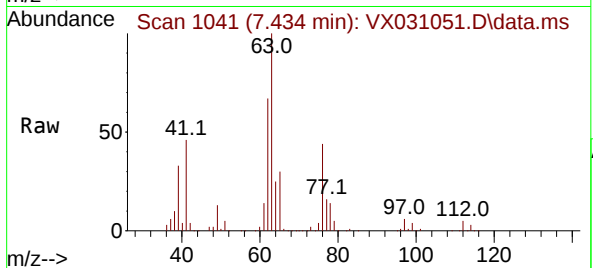
65 29.8 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#46

Dibromomethane

Concen: 48.827 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

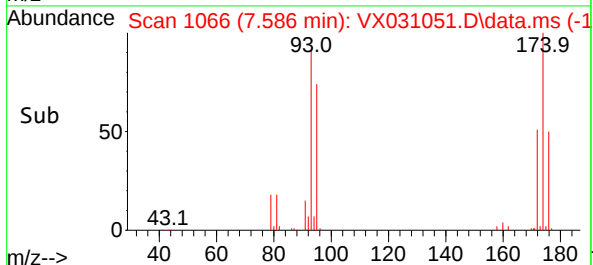
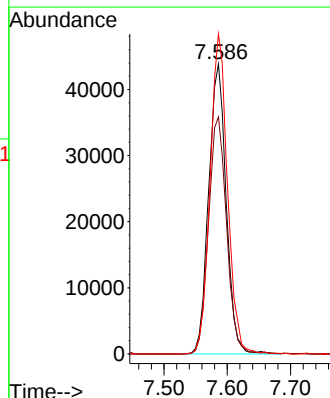
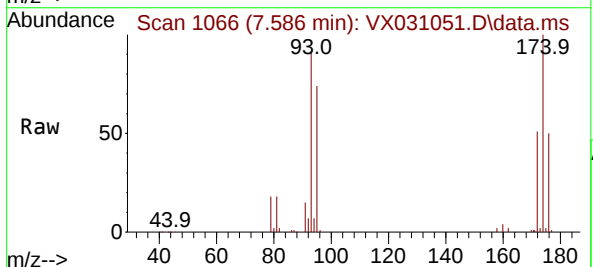
Tgt Ion: 93 Resp: 84371

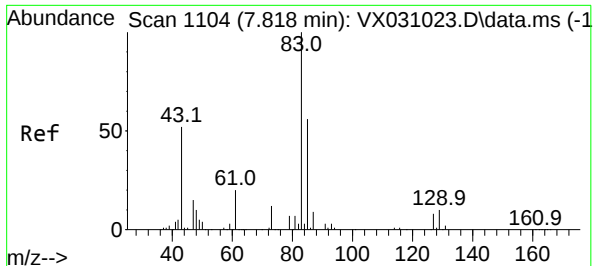
Ion Ratio Lower Upper

93 100

95 84.1 67.4 101.0

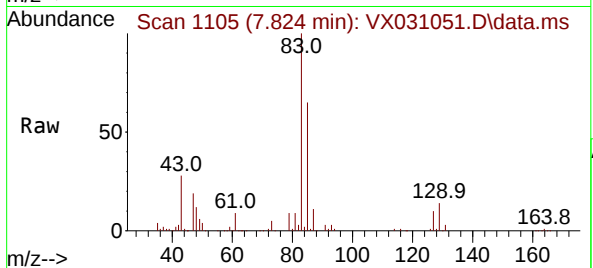
174 109.9 75.6 113.4





#47
Bromodichloromethane
Concen: 51.124 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

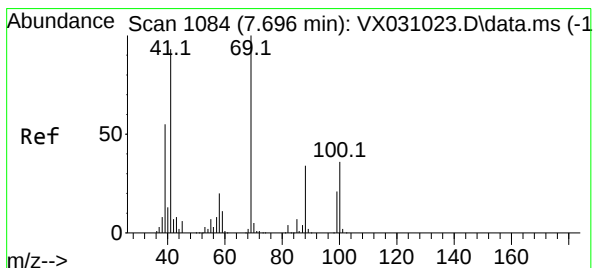
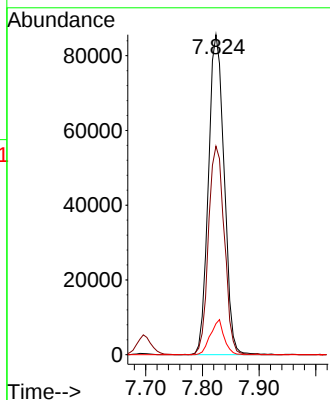
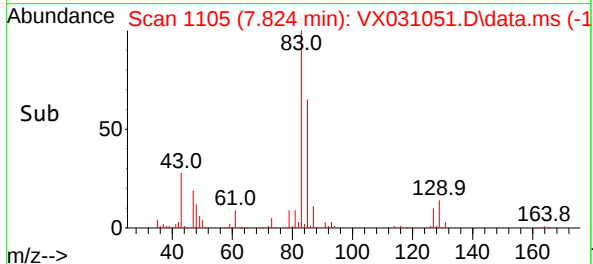
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 165049
Ion Ratio Lower Upper
83 100
85 65.2 53.5 80.3
127 9.7 6.6 10.0

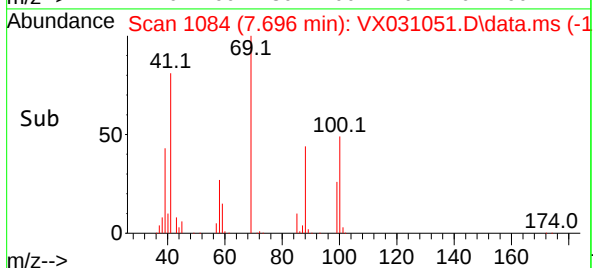
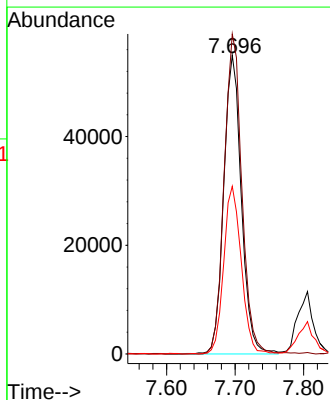
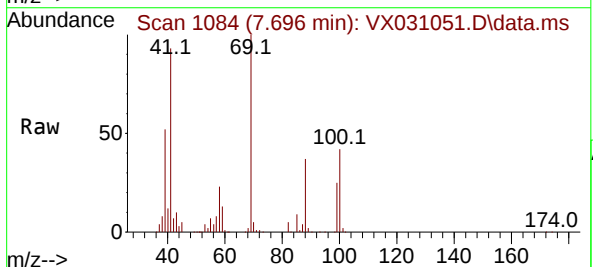
Manual Integrations
APPROVED

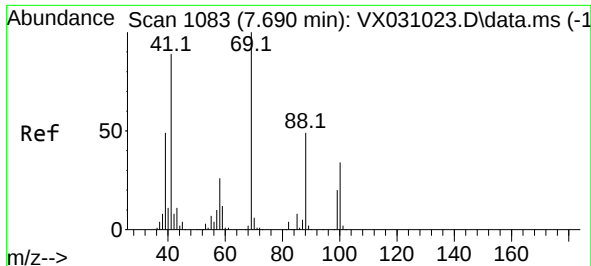
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#48
Methyl methacrylate
Concen: 45.573 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

Tgt Ion: 41 Resp: 98014
Ion Ratio Lower Upper
41 100
69 107.8 68.8 103.2#
39 56.0 44.6 66.8





#49

1,4-Dioxane

Concen: 911.101 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.013 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

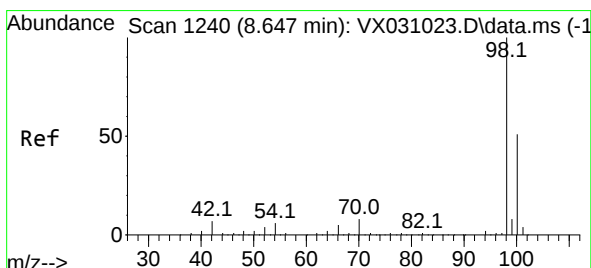
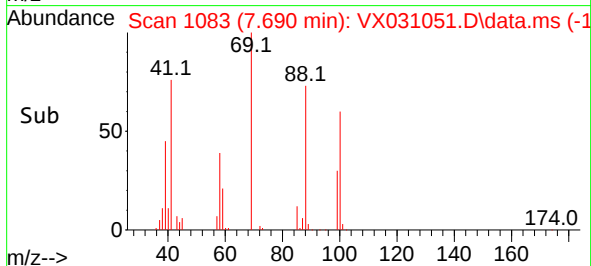
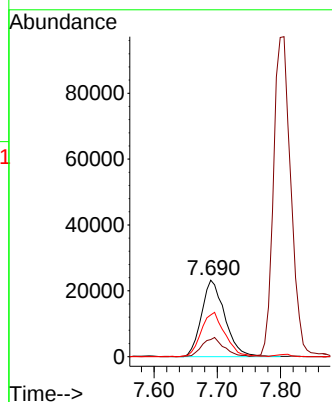
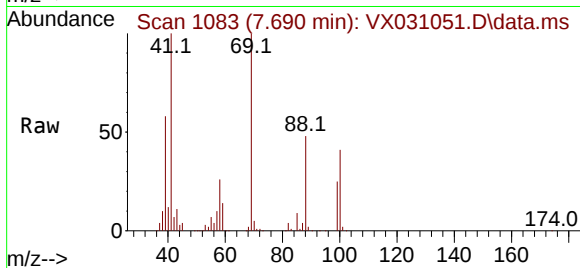
Tgt Ion: 88	Resp: 5960
Ion Ratio	Lower Upper
88	100
43	23.6 23.8 35.8
58	58.7 53.8 80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#50

Toluene-d8

Concen: 50.259 ug/l

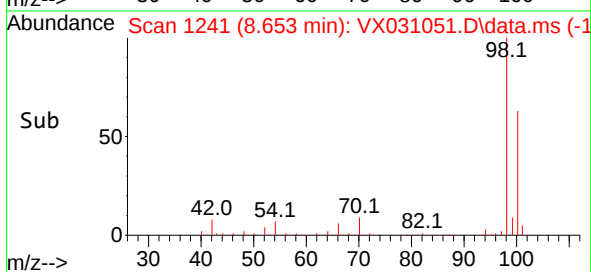
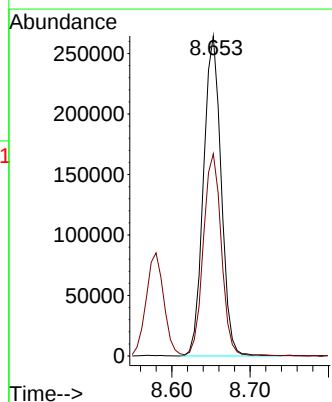
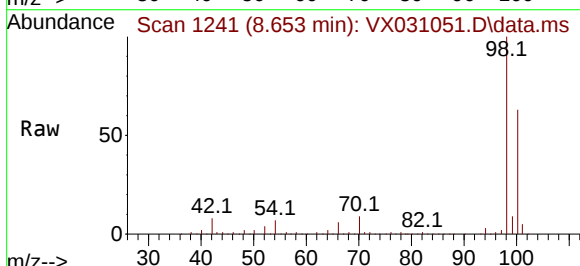
RT: 8.653 min Scan# 1241

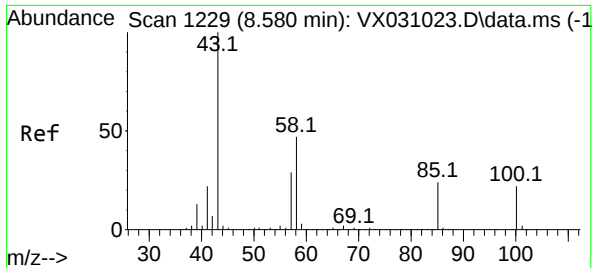
Delta R.T. -0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

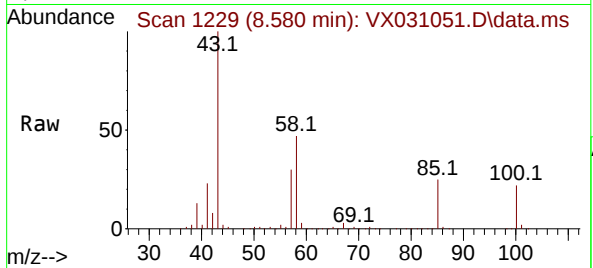
Tgt Ion: 98	Resp: 414288
Ion Ratio	Lower Upper
98	100
100	64.3 52.3 78.5





#51
4-Methyl-2-Pentanone
Concen: 232.693 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

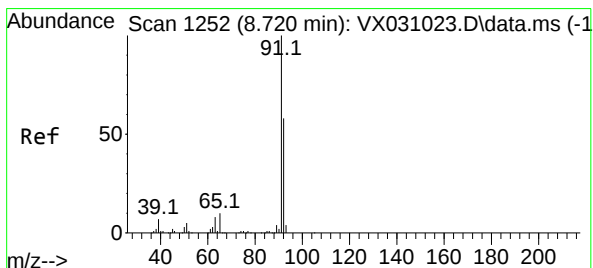
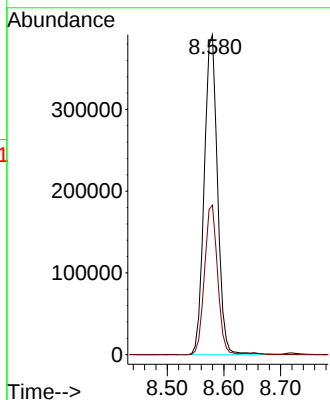
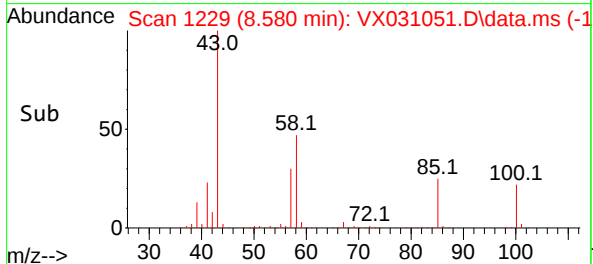
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 63726
Ion Ratio Lower Upper
43 100
58 45.9 31.4 47.2

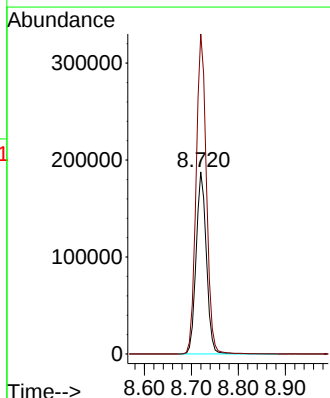
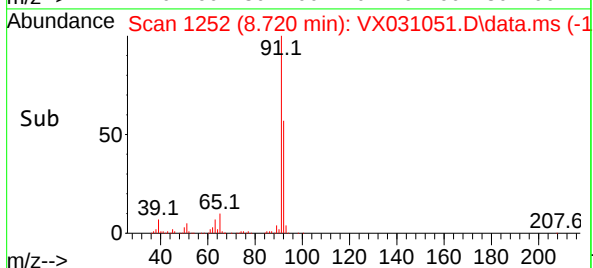
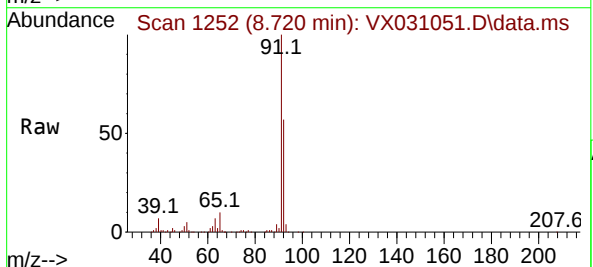
Manual Integrations
APPROVED

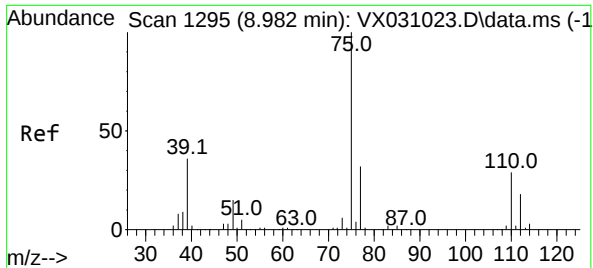
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#52
Toluene
Concen: 48.973 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

Tgt Ion: 92 Resp: 286062
Ion Ratio Lower Upper
92 100
91 177.3 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 48.385 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 15466

Ion Ratio Lower Upper

75 100

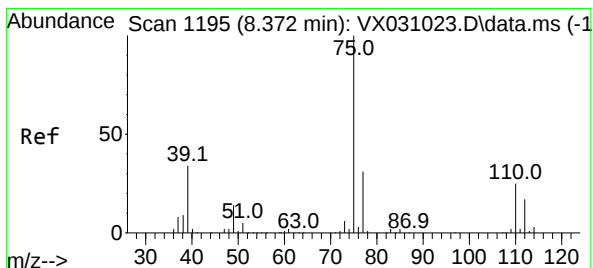
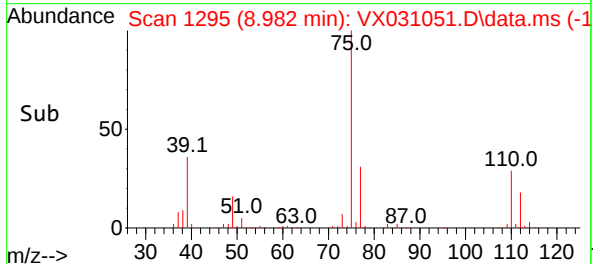
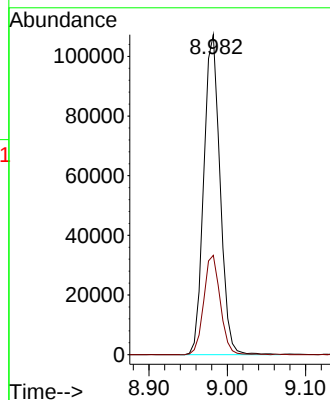
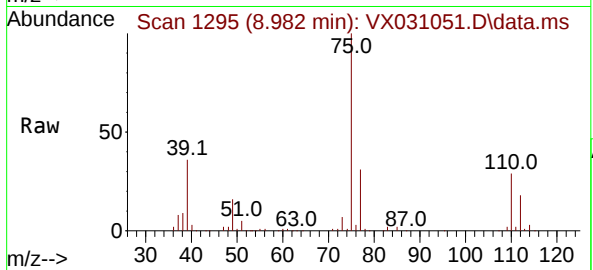
77 31.1 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#54

cis-1,3-Dichloropropene

Concen: 48.663 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

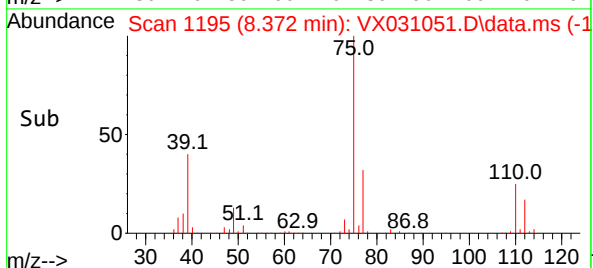
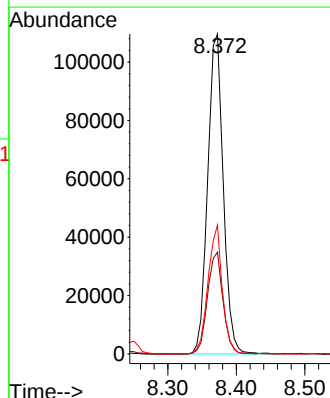
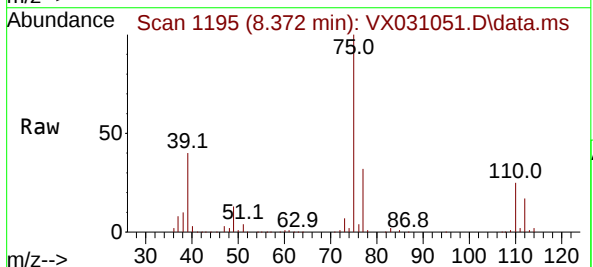
Tgt Ion: 75 Resp: 173932

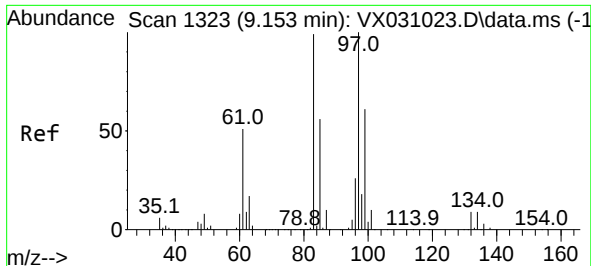
Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.4

39 40.3 37.5 56.3





#55

1,1,2-Trichloroethane

Concen: 49.140 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 122028

Ion Ratio Lower Upper

97 100

83 80.6 68.9 103.3

85 52.9 44.0 66.0

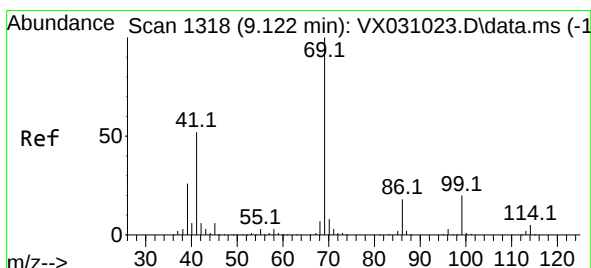
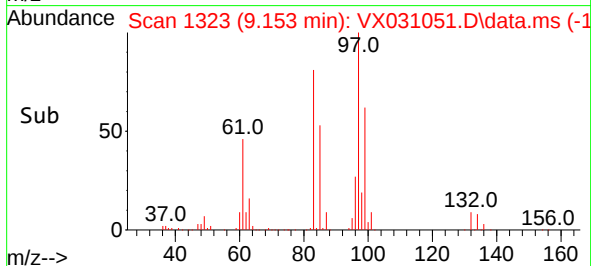
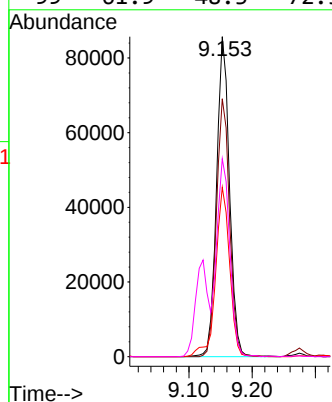
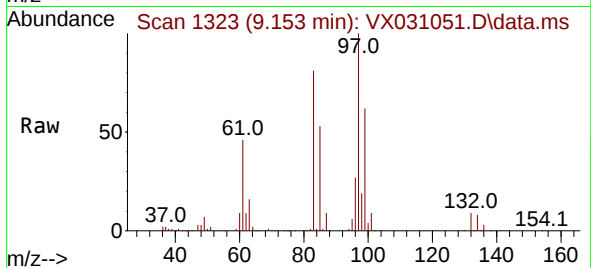
99 61.9 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#56

Ethyl methacrylate

Concen: 50.921 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

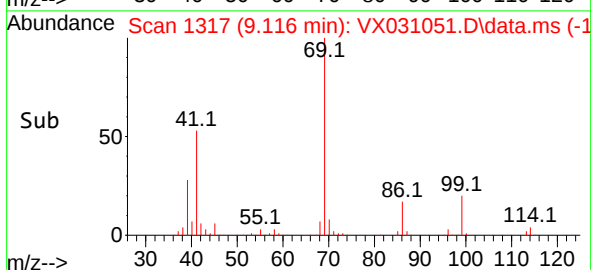
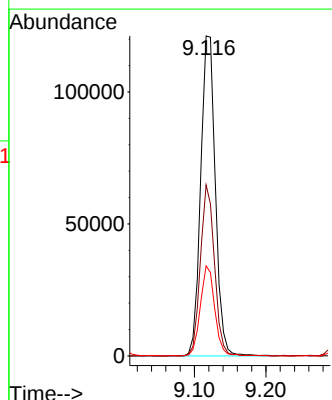
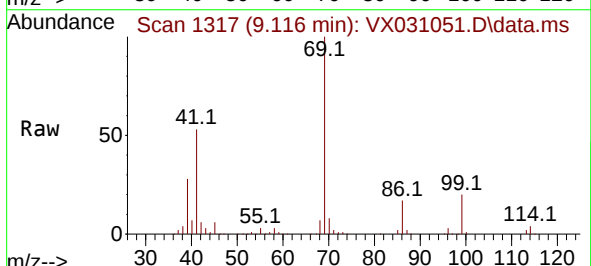
Tgt Ion: 69 Resp: 172870

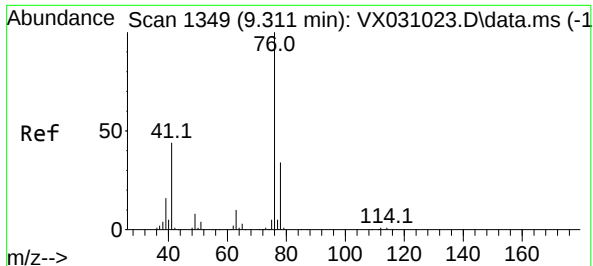
Ion Ratio Lower Upper

69 100

41 51.2 52.3 78.5#

39 27.9 28.2 42.4#





#57

1,3-Dichloropropane

Concen: 47.837 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 18782

Ion Ratio Lower Upper

76 100

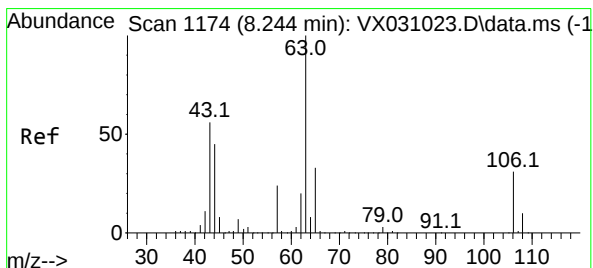
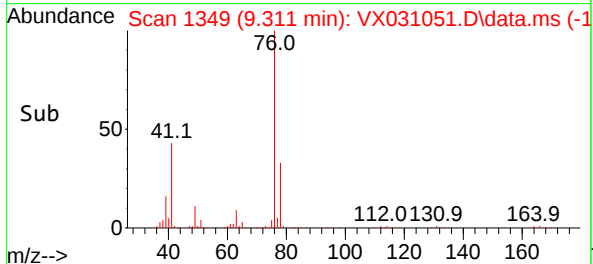
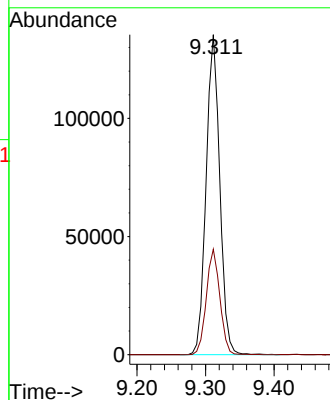
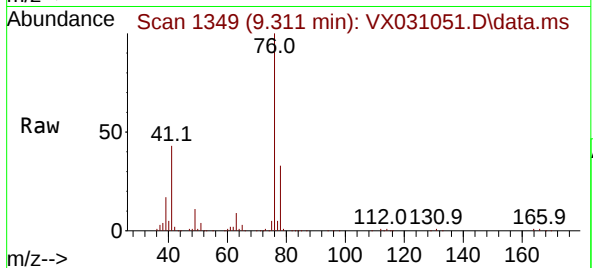
78 32.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#58

2-Chloroethyl Vinyl ether

Concen: 237.393 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.013 min

Lab File: VX031051.D

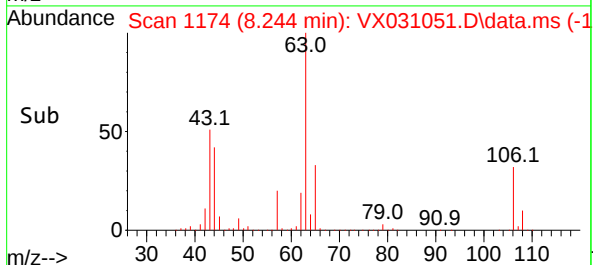
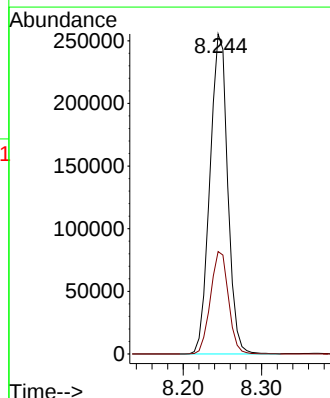
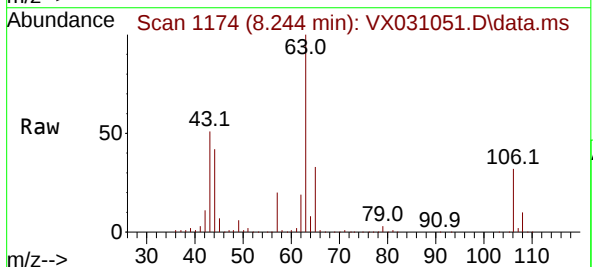
Acq: 02 Sep 2022 03:33

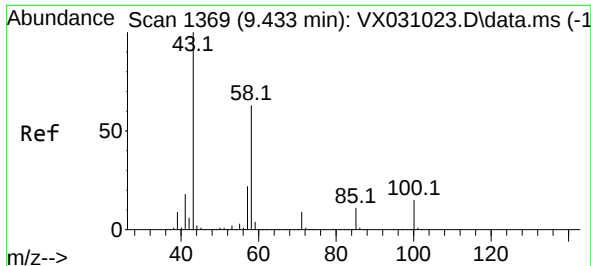
Tgt Ion: 63 Resp: 402436

Ion Ratio Lower Upper

63 100

106 32.3 22.2 33.2





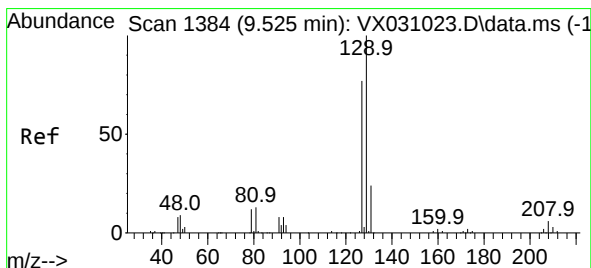
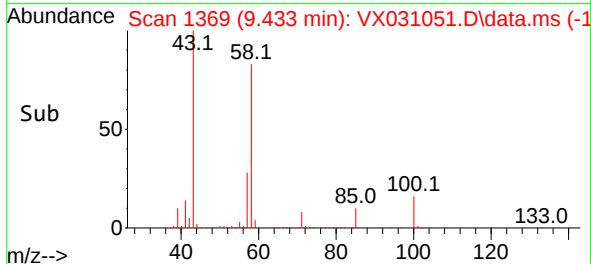
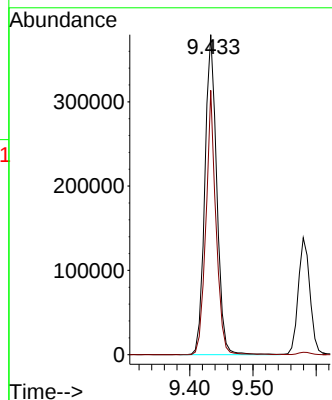
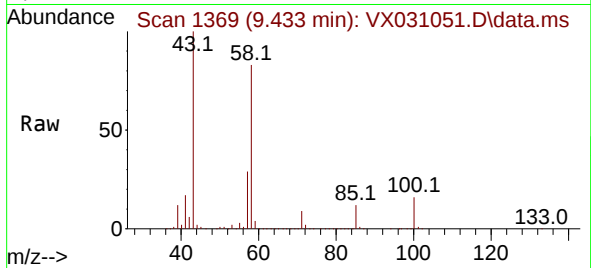
#59
2-Hexanone
Concen: 239.144 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 495269
Ion Ratio Lower Upper
43 100
58 70.2 27.6 82.8

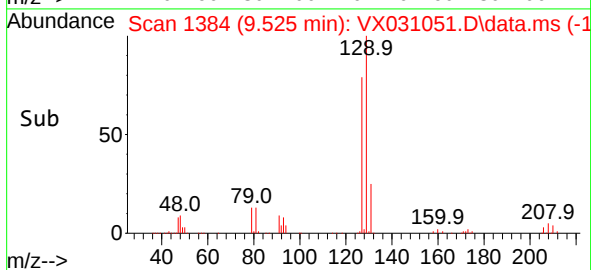
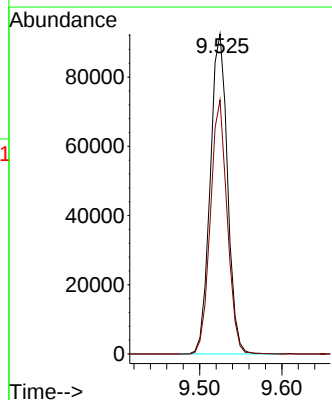
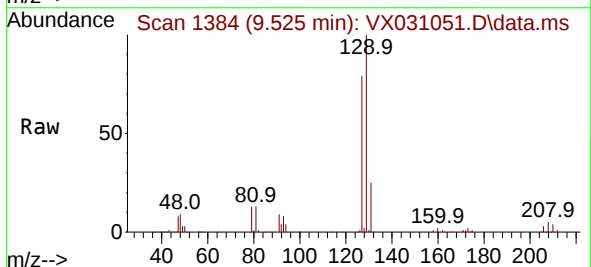
Manual Integrations
APPROVED

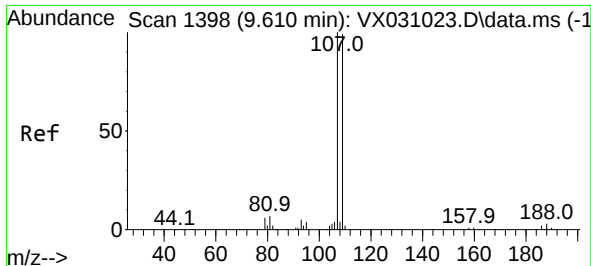
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#60
Dibromochloromethane
Concen: 52.495 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

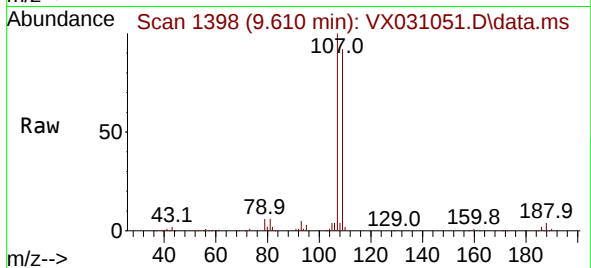
Tgt Ion:129 Resp: 135359
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 51.187 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

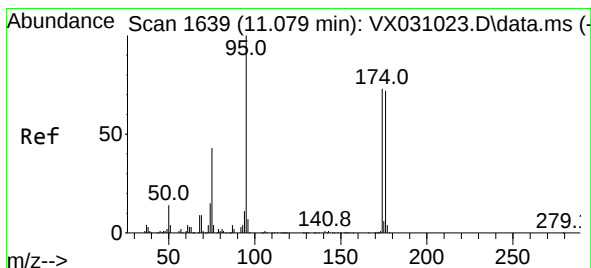
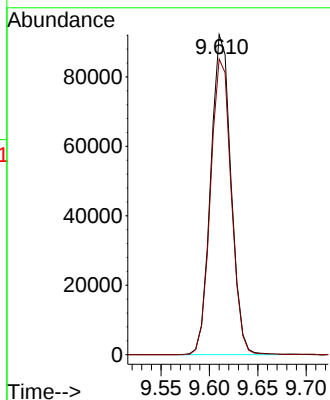
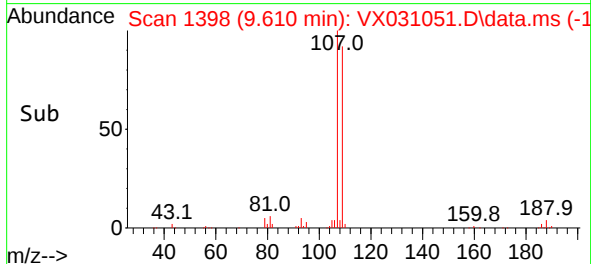
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



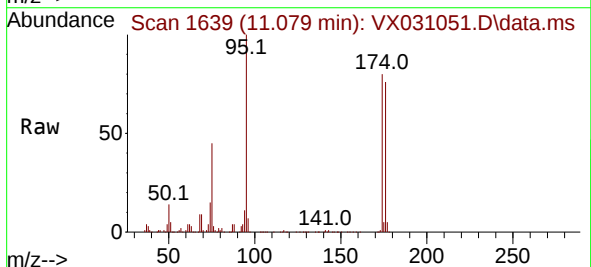
Tgt Ion:107 Resp: 134194
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8

Manual Integrations
APPROVED

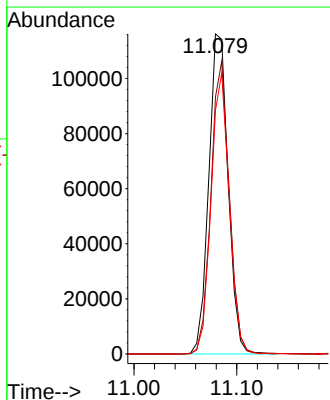
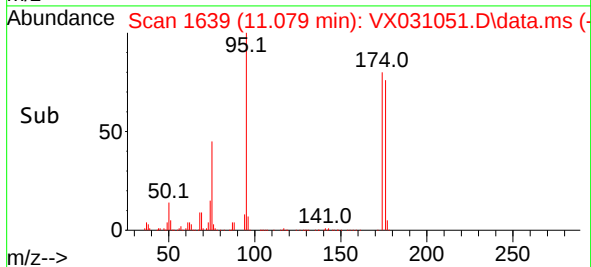
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

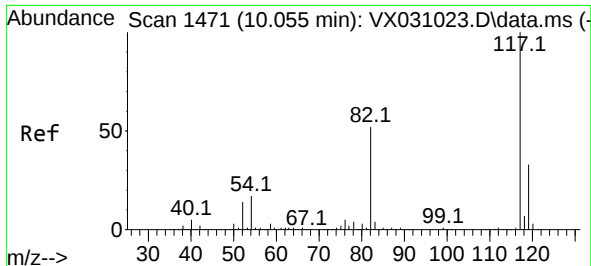


#62
4-Bromofluorobenzene
Concen: 52.267 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33



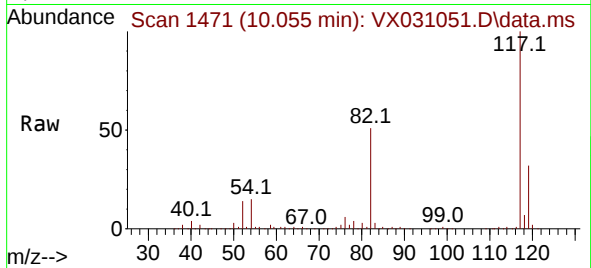
Tgt Ion: 95 Resp: 152172
Ion Ratio Lower Upper
95 100
174 87.0 0.0 149.0
176 82.9 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

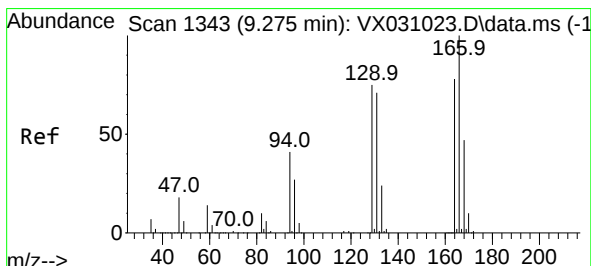
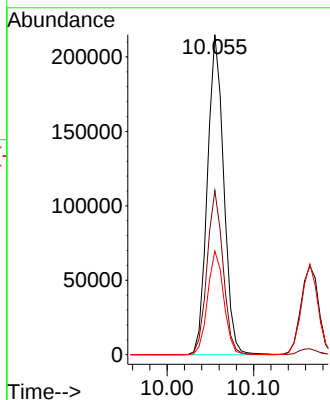
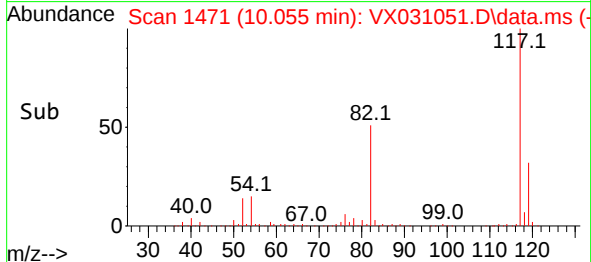
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 281024
Ion Ratio Lower Upper
117 100
82 51.3 42.7 64.1
119 32.4 25.4 38.2

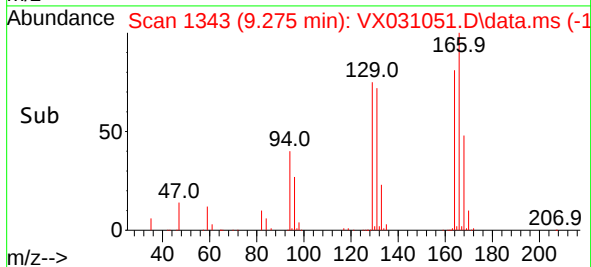
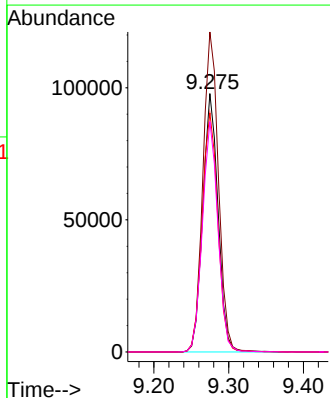
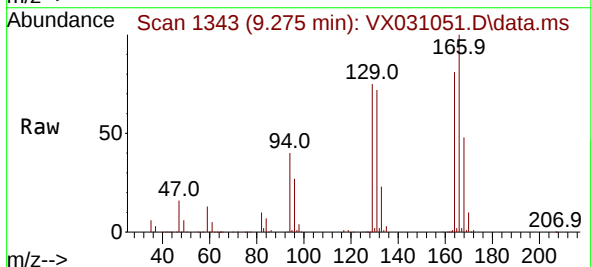
Manual Integrations
APPROVED

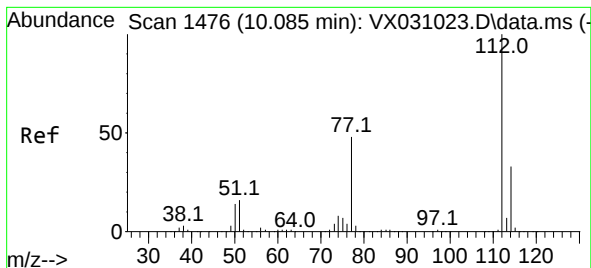
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#64
Tetrachloroethene
Concen: 49.590 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

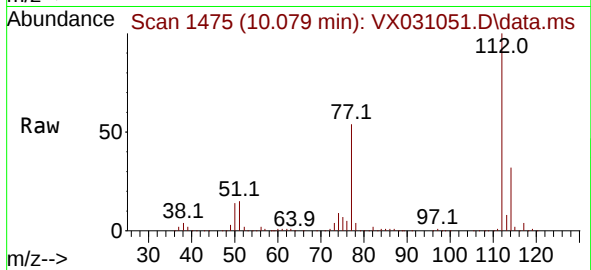
Tgt Ion:164 Resp: 139146
Ion Ratio Lower Upper
164 100
166 123.9 98.2 147.4
129 92.5 80.8 121.2
131 89.2 75.5 113.3





#65
Chlorobenzene
Concen: 48.043 ug/l
RT: 10.079 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

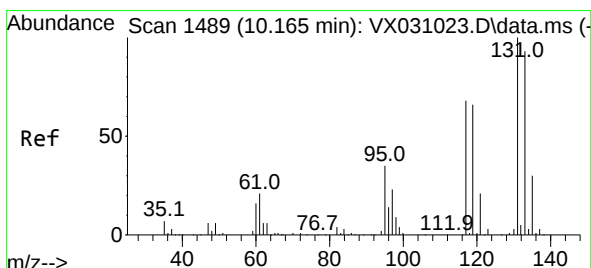
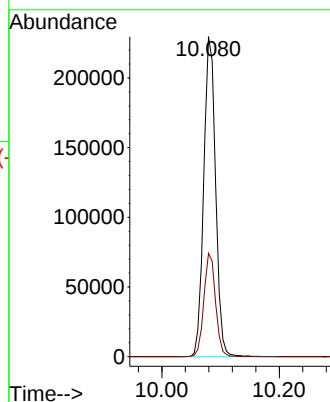
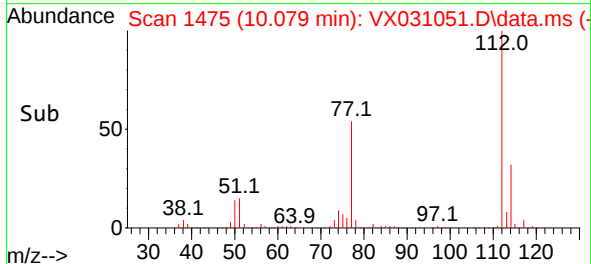
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



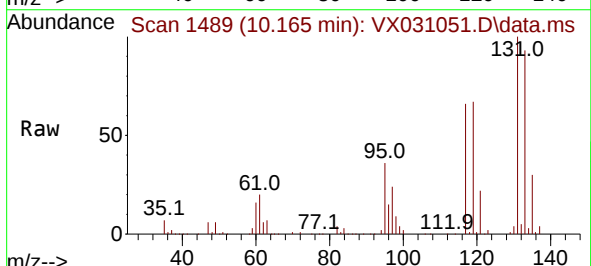
Tgt Ion:112 Resp: 32245
Ion Ratio Lower Upper
112 100
114 32.3 24.6 36.8

Manual Integrations
APPROVED

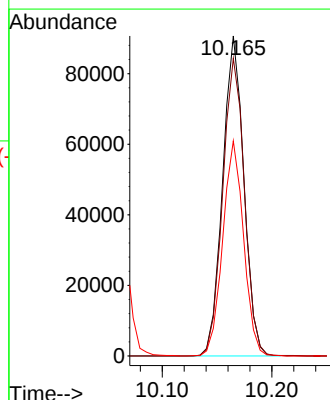
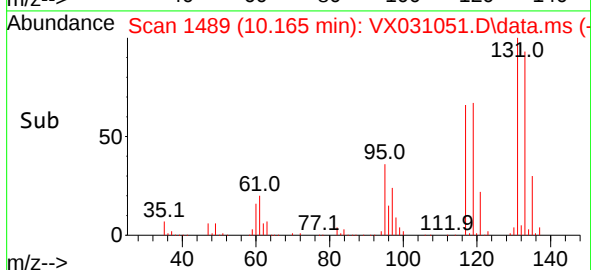
Reviewed By :John Carbone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

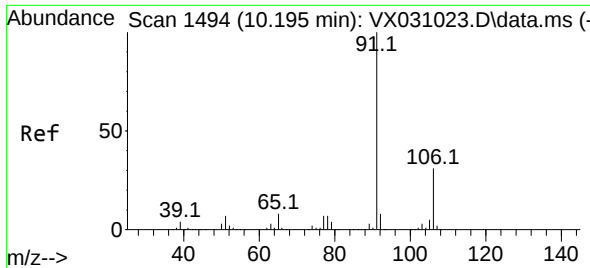


#66
1,1,1,2-Tetrachloroethane
Concen: 49.214 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33



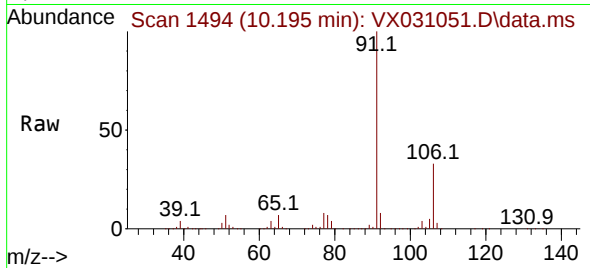
Tgt Ion:131 Resp: 121966
Ion Ratio Lower Upper
131 100
133 95.2 46.9 140.8
119 66.1 34.4 103.1





#67
Ethyl Benzene
Concen: 48.841 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

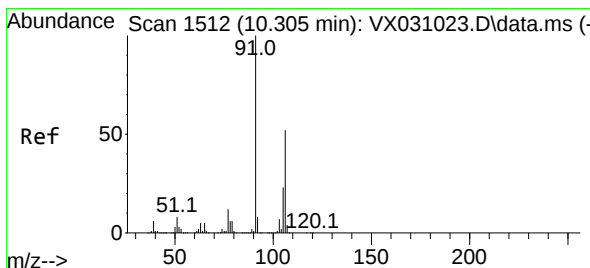
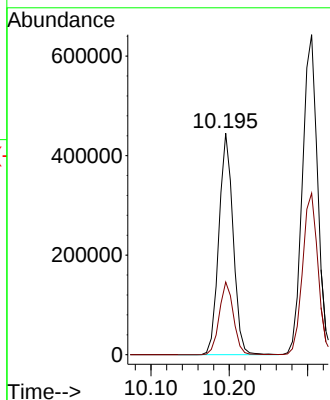
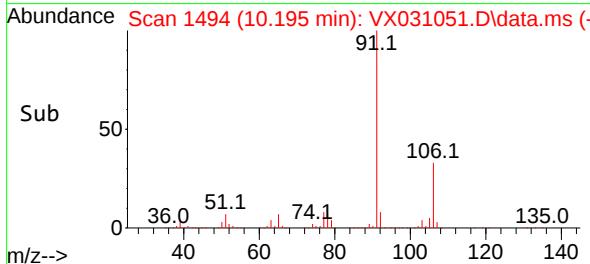
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



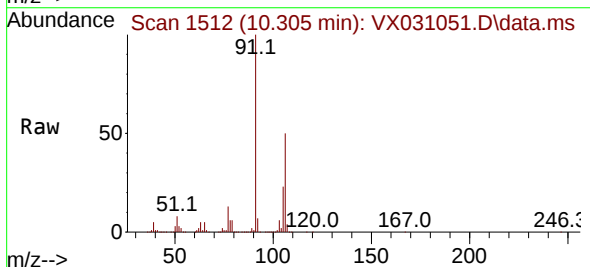
Tgt Ion: 91 Resp: 561593
Ion Ratio Lower Upper
91 100
106 32.8 25.5 38.3

Manual Integrations
APPROVED

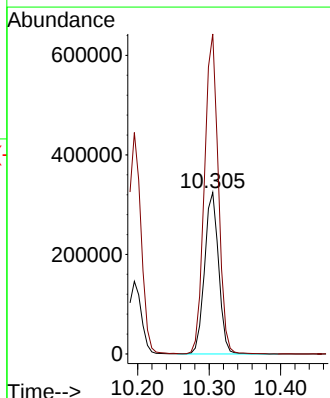
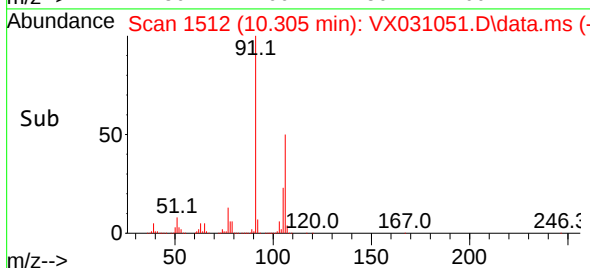
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

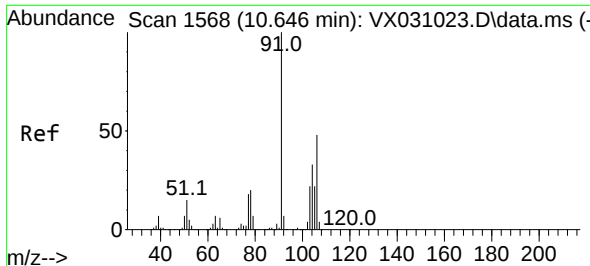


#68
m/p-Xylenes
Concen: 97.977 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33



Tgt Ion:106 Resp: 441846
Ion Ratio Lower Upper
106 100
91 196.3 158.2 237.4





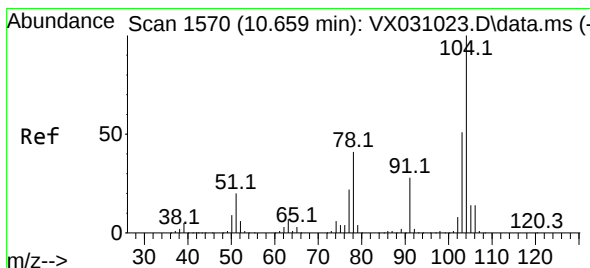
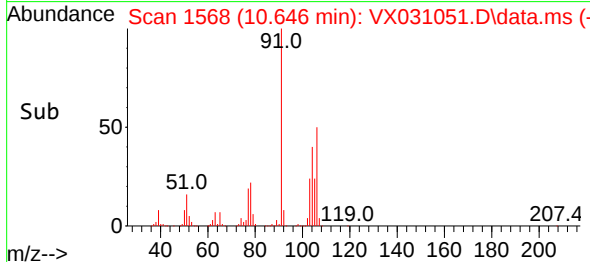
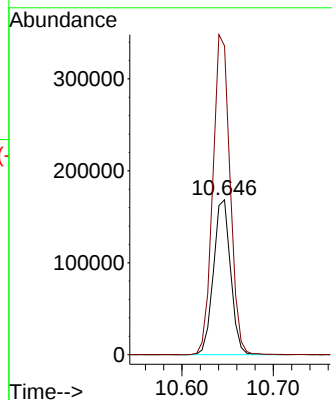
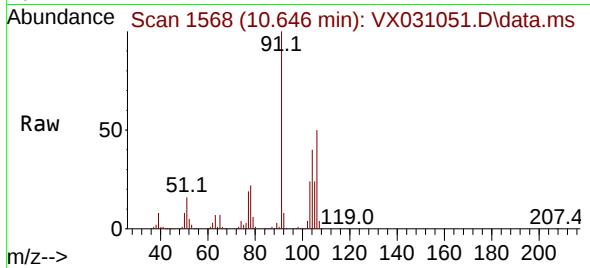
#69
o-Xylene
Concen: 49.521 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 219024
Ion Ratio Lower Upper
106 100
91 207.9 103.8 311.6

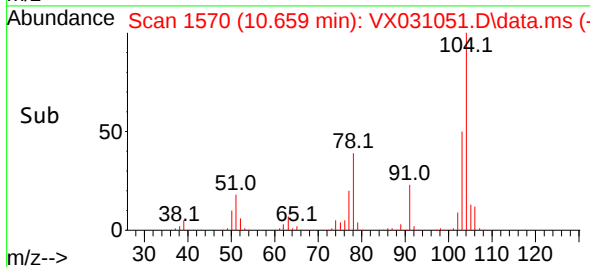
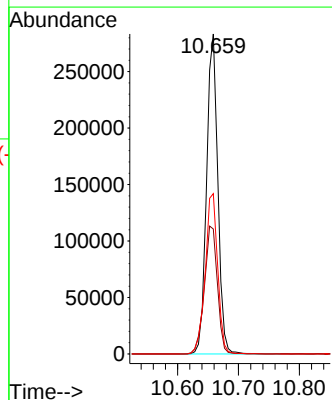
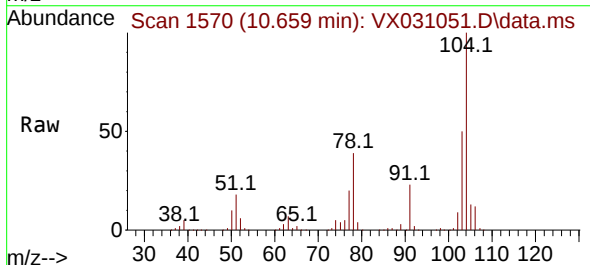
Manual Integrations
APPROVED

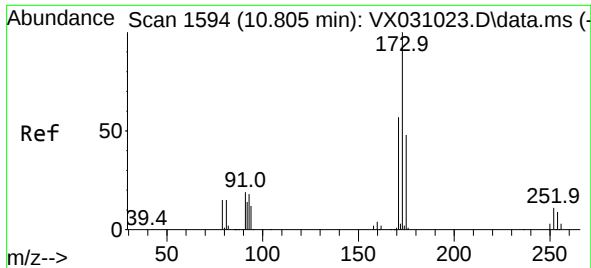
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#70
Styrene
Concen: 50.860 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

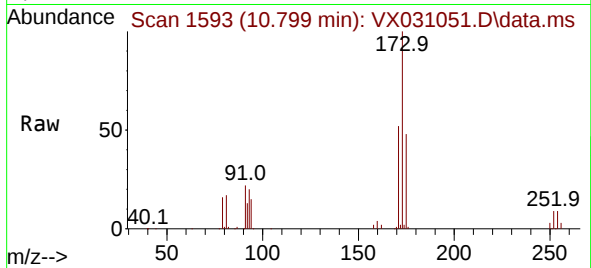
Tgt Ion:104 Resp: 364035
Ion Ratio Lower Upper
104 100
78 46.1 37.8 56.8
103 55.7 44.5 66.7





#71
Bromoform
Concen: 52.998 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

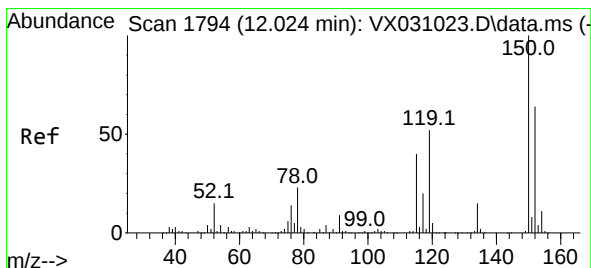
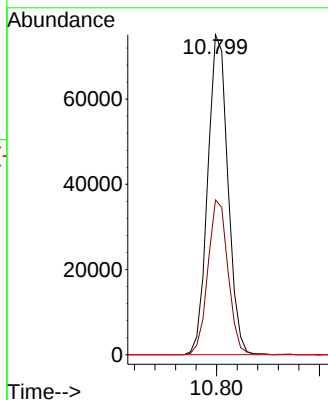
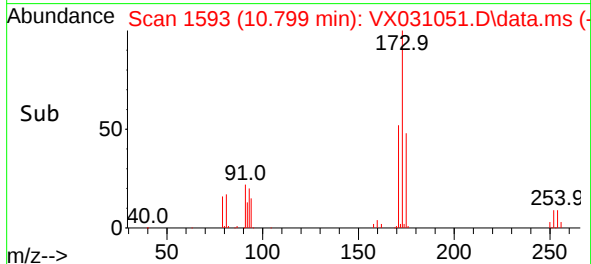
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 102129
Ion Ratio Lower Upper
173 100
175 48.4 23.8 71.2
254 0.0 0.1 0.1

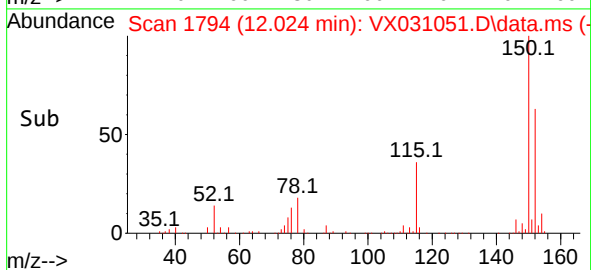
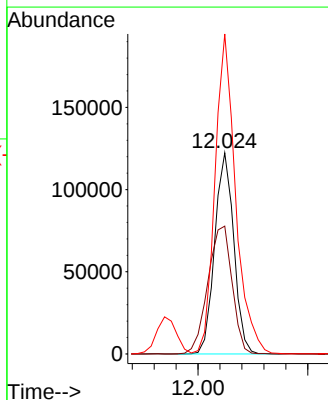
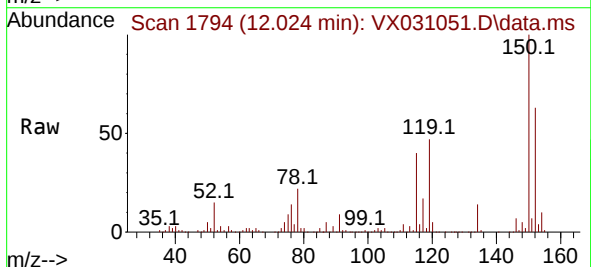
Manual Integrations
APPROVED

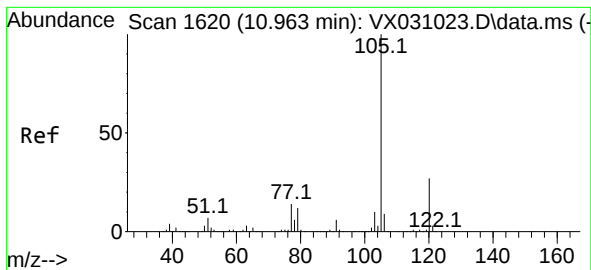
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

Tgt Ion:152 Resp: 147991
Ion Ratio Lower Upper
152 100
115 80.7 40.5 121.5
150 171.9 0.0 347.0





#73

Isopropylbenzene

Concen: 47.453 ug/l

RT: 10.963 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 56609

Ion Ratio Lower Upper

105 100

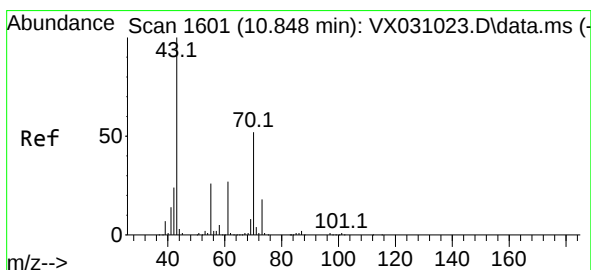
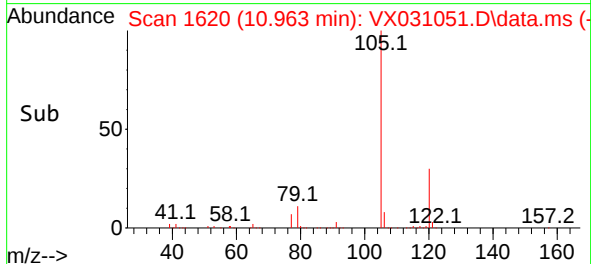
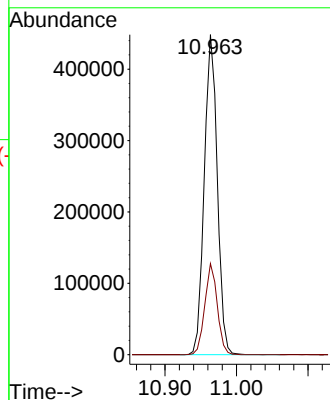
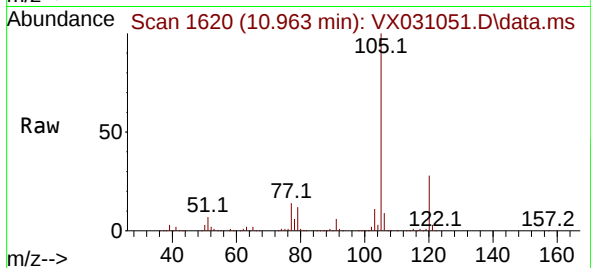
120 27.4 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#74

N-ethyl acetate

Concen: 46.480 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.006 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Tgt Ion: 43 Resp: 167374

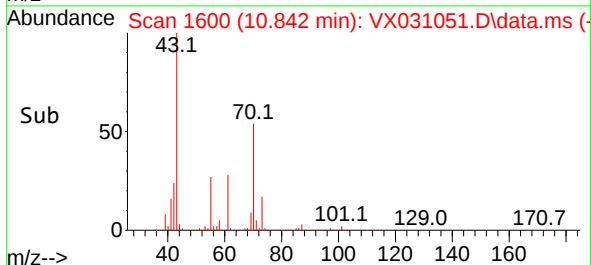
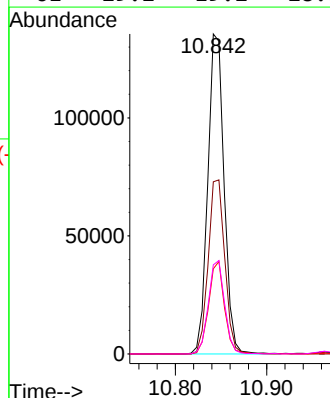
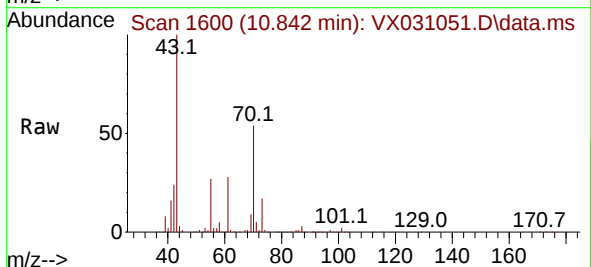
Ion Ratio Lower Upper

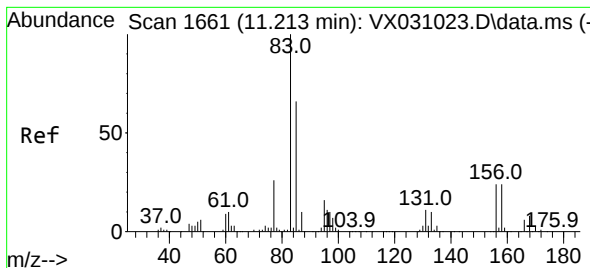
43 100

70 55.4 32.3 48.5#

55 28.0 18.4 27.6#

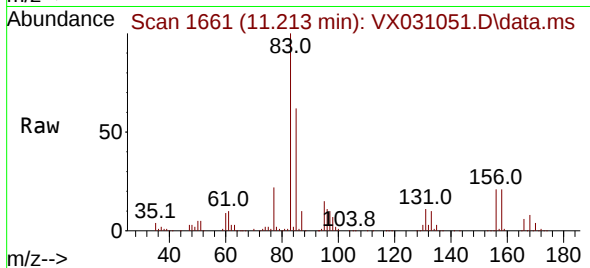
61 29.2 19.2 28.8#





#75
1,1,2,2-Tetrachloroethane
Concen: 44.894 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

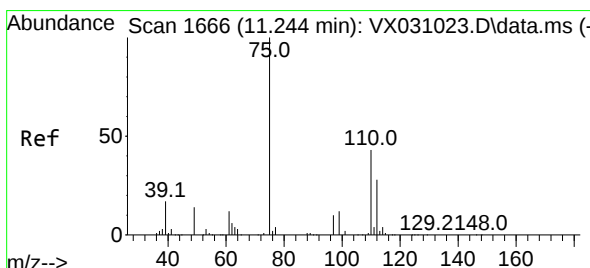
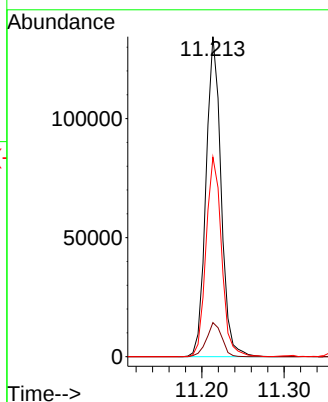
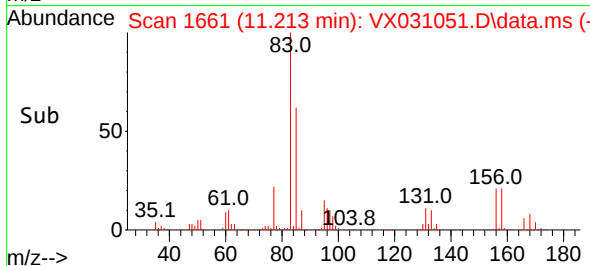
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



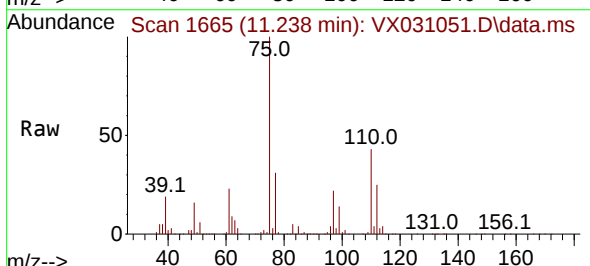
Tgt Ion: 83 Resp: 171269
Ion Ratio Lower Upper
83 100
131 10.8 4.5 13.7
85 64.4 32.5 97.5

Manual Integrations
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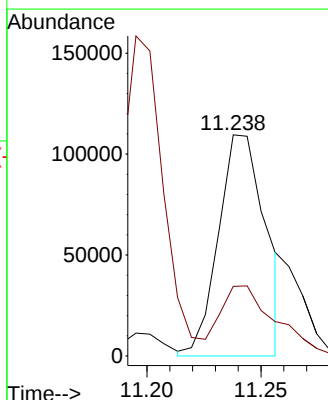
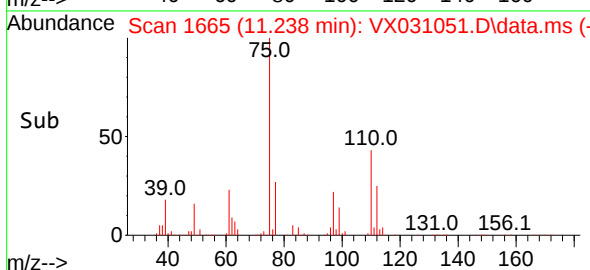
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

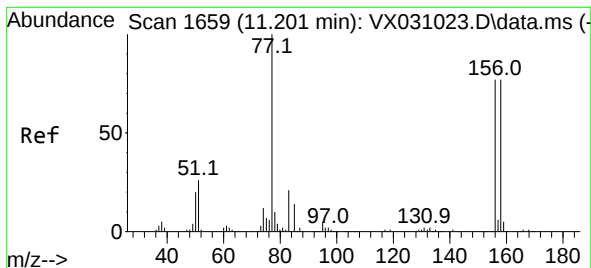


#76
1,2,3-Trichloropropane
Concen: 44.877 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33



Tgt Ion: 75 Resp: 156998
Ion Ratio Lower Upper
75 100
77 36.7 19.8 59.3





#77

Bromobenzene

Concen: 48.108 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 147969

Ion Ratio Lower Upper

156 100

77 139.1 82.7 247.9

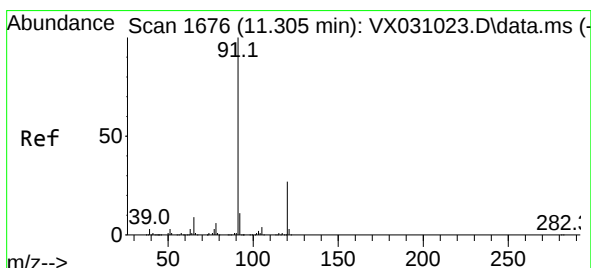
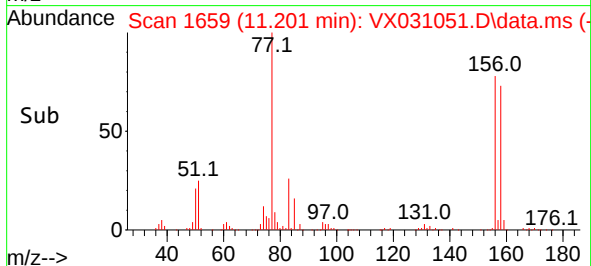
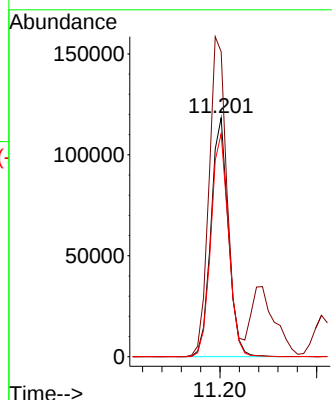
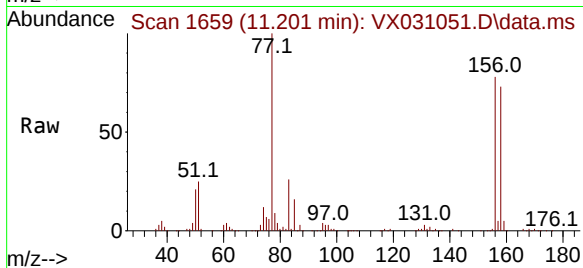
158 94.6 47.5 142.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#78

n-propylbenzene

Concen: 47.359 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX031051.D

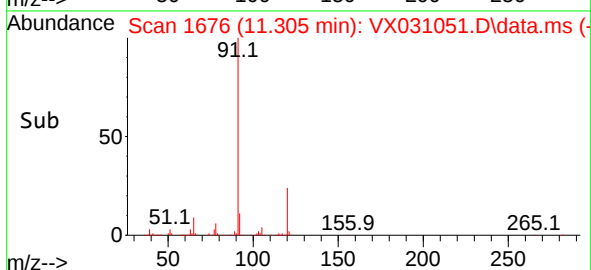
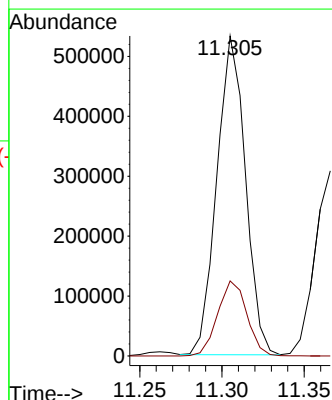
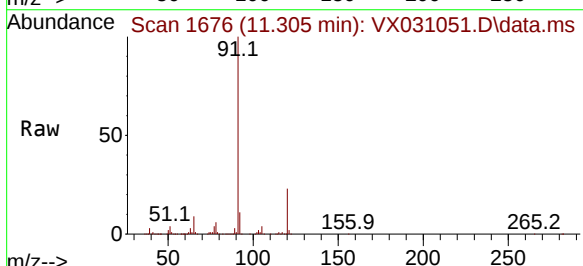
Acq: 02 Sep 2022 03:33

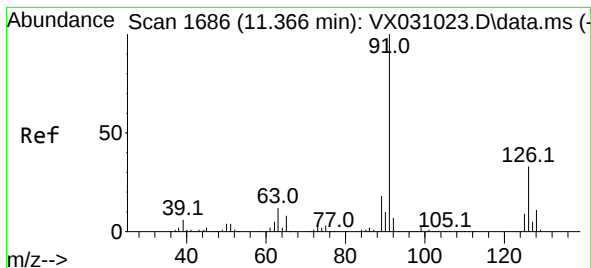
Tgt Ion: 91 Resp: 643481

Ion Ratio Lower Upper

91 100

120 24.1 11.6 34.8





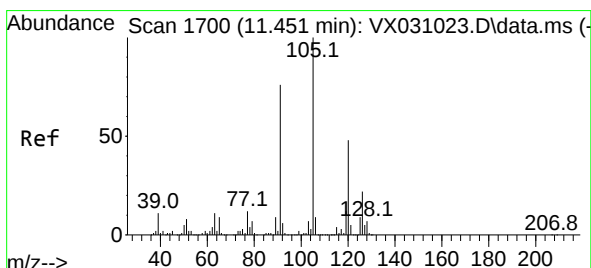
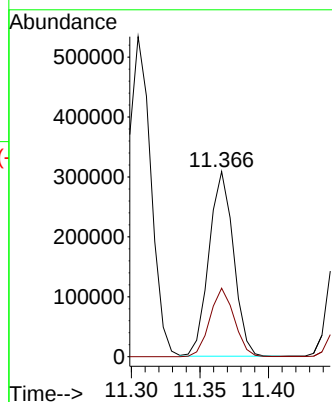
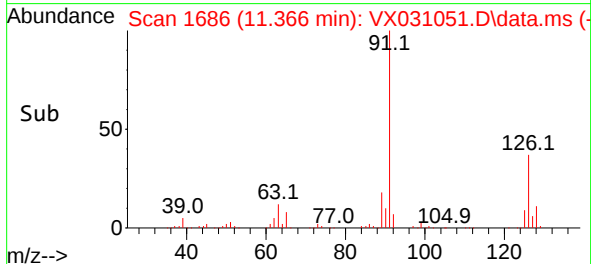
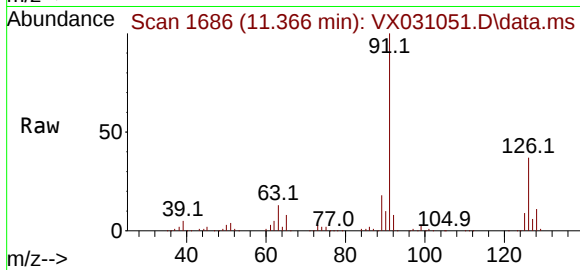
#79
2-Chlorotoluene
Concen: 45.866 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 383748
Ion Ratio Lower Upper
91 100
126 36.8 17.4 52.3

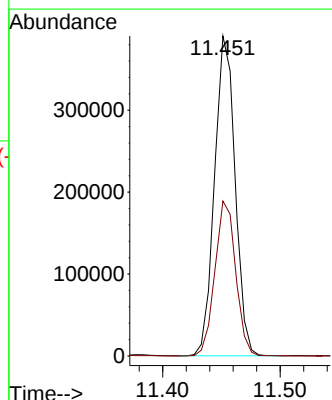
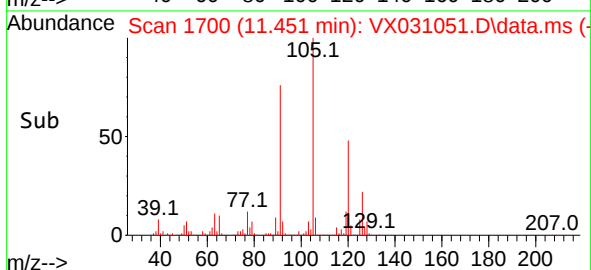
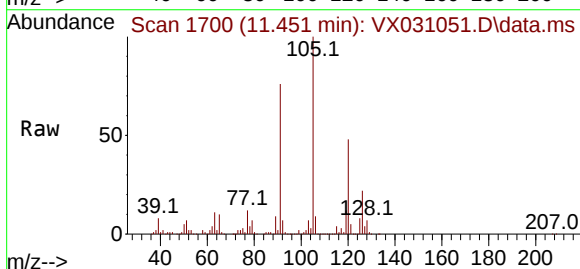
Manual Integrations
APPROVED

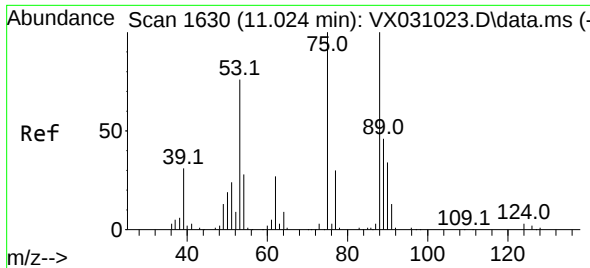
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#80
1,3,5-Trimethylbenzene
Concen: 47.273 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

Tgt Ion:105 Resp: 474587
Ion Ratio Lower Upper
105 100
120 49.1 24.4 73.2





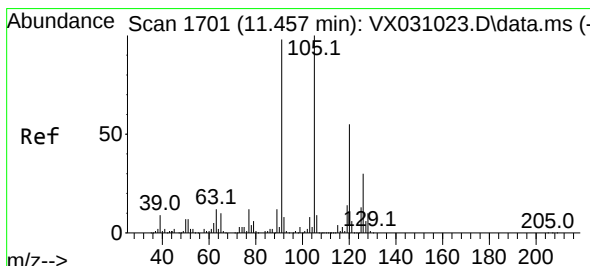
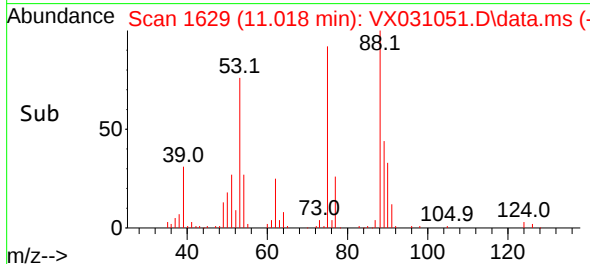
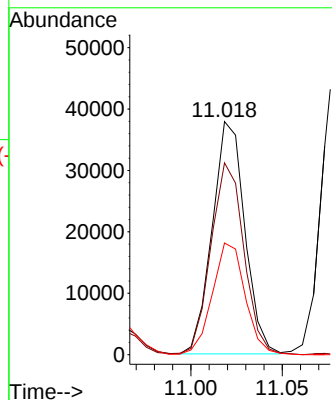
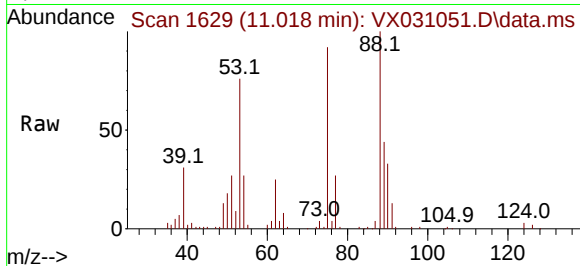
#81
trans-1,4-Dichloro-2-butene
Concen: 42.199 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 46974
Ion Ratio Lower Upper
75 100
53 83.6 74.2 111.4
89 48.5 34.8 52.2

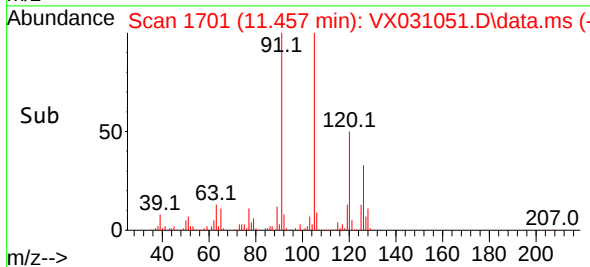
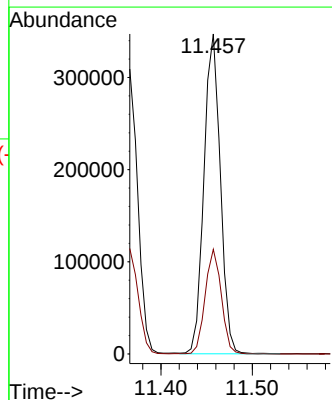
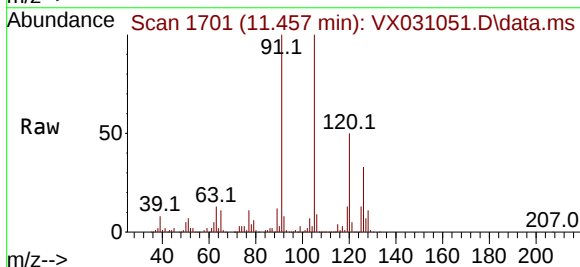
Manual Integrations
APPROVED

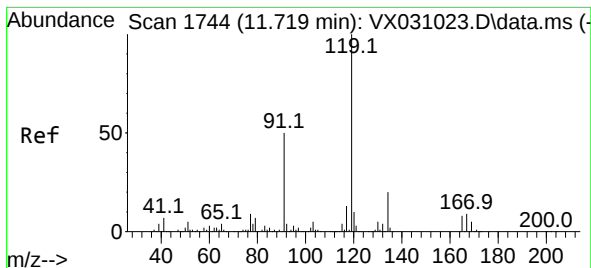
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#82
4-Chlorotoluene
Concen: 46.115 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

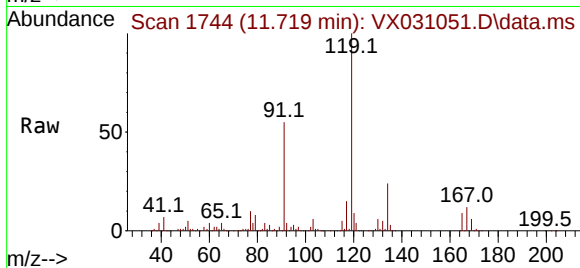
Tgt Ion: 91 Resp: 431707
Ion Ratio Lower Upper
91 100
126 32.2 15.3 45.9





#83
tert-Butylbenzene
Concen: 46.832 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

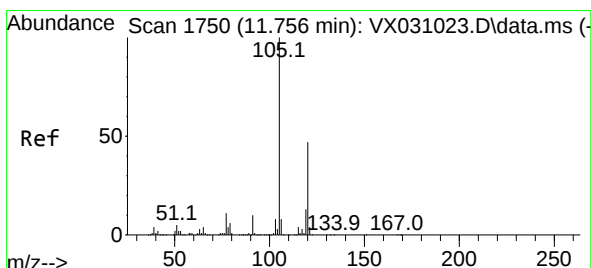
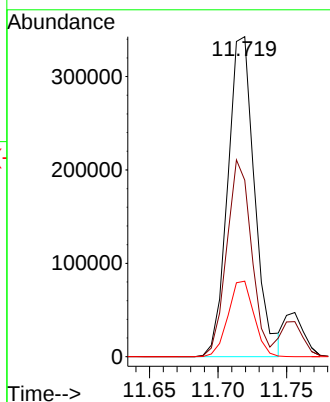
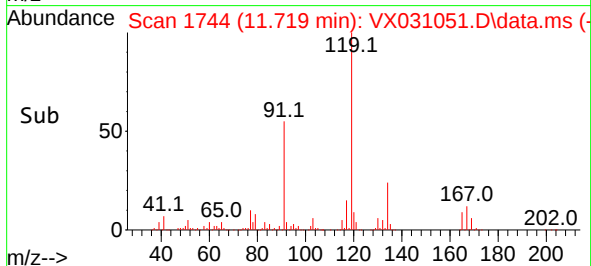
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



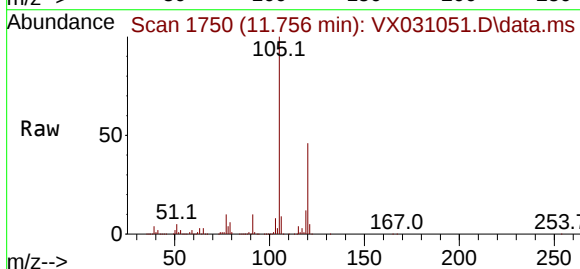
Tgt Ion:119 Resp: 467948
Ion Ratio Lower Upper
119 100
91 56.9 28.3 84.9
134 22.8 11.2 33.5

Manual Integrations
APPROVED

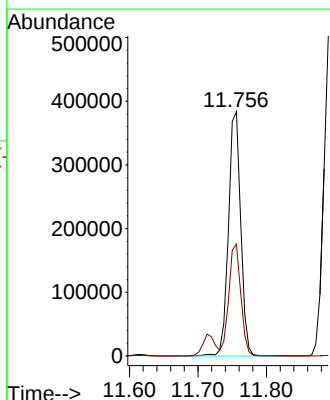
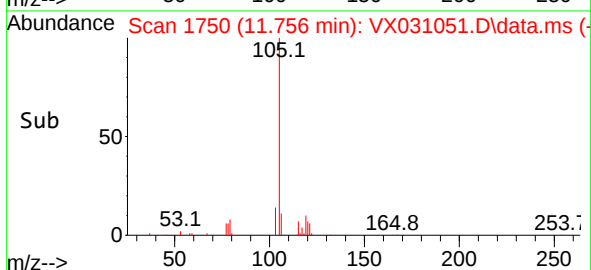
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022

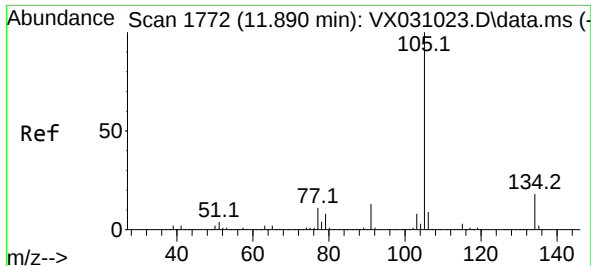


#84
1,2,4-Trimethylbenzene
Concen: 47.785 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33



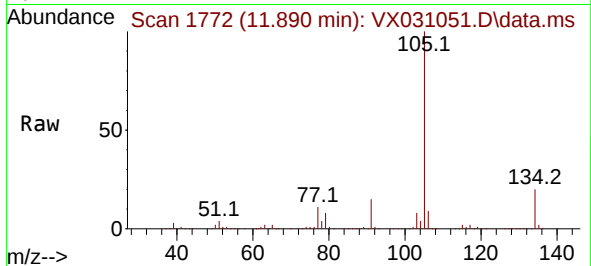
Tgt Ion:105 Resp: 476812
Ion Ratio Lower Upper
105 100
120 45.1 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 45.518 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX031051.D
 Acq: 02 Sep 2022 03:33

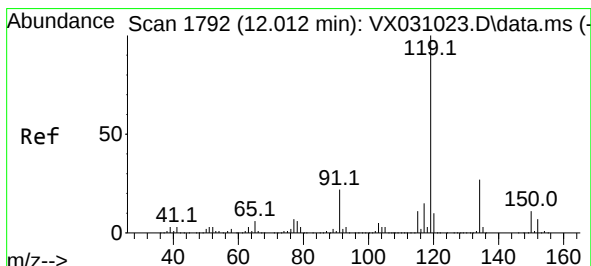
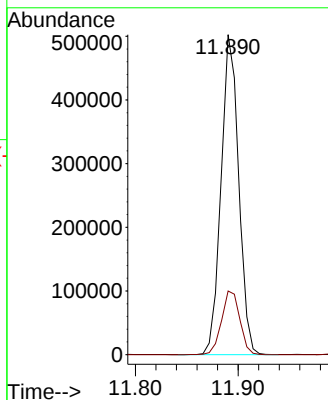
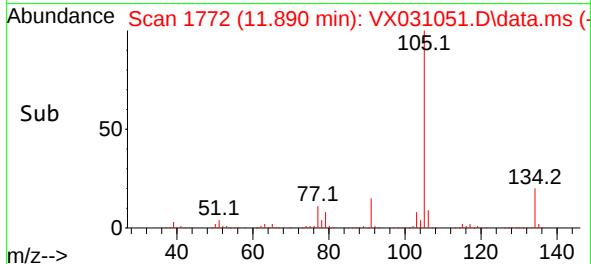
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



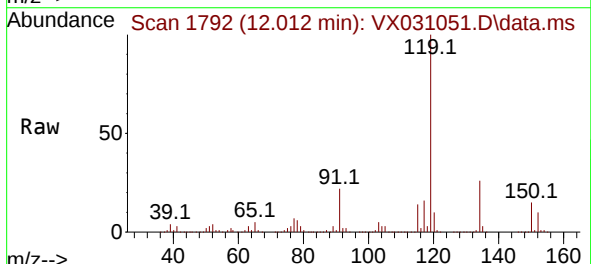
Tgt Ion:105 Resp: 595729
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.0 30.0

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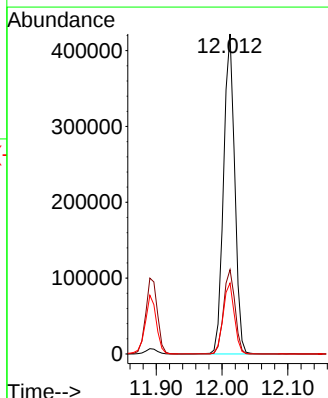
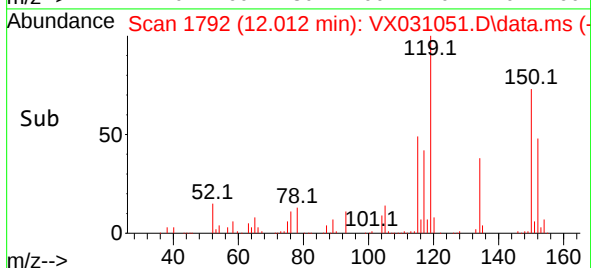
Reviewed By :John Carlone 09/02/2022
 Supervised By :Mahesh Dadoda 09/02/2022

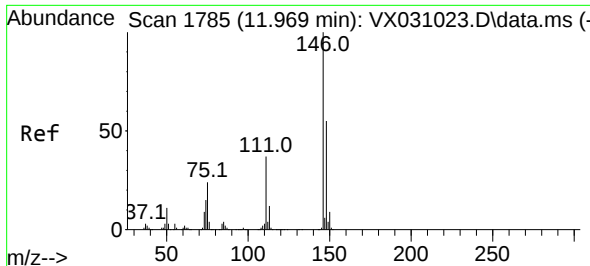


#86
 p-Isopropyltoluene
 Concen: 48.188 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX031051.D
 Acq: 02 Sep 2022 03:33



Tgt Ion:119 Resp: 499457
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.9 41.6
 91 22.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 45.887 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX031051.D

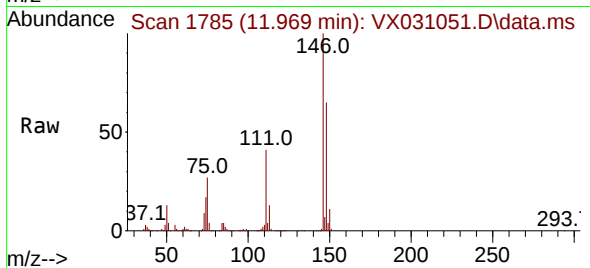
Acq: 02 Sep 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 270352

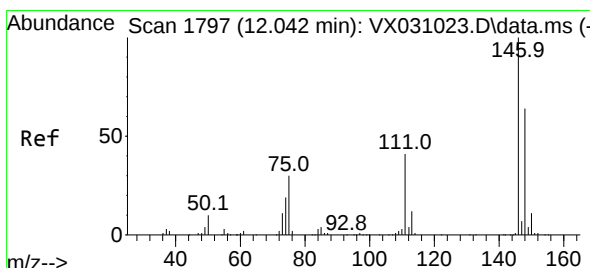
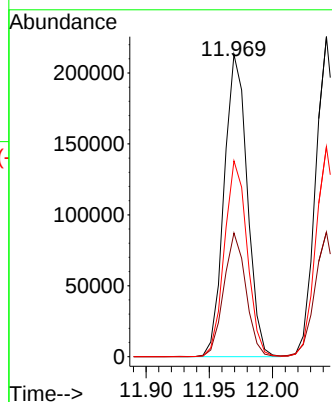
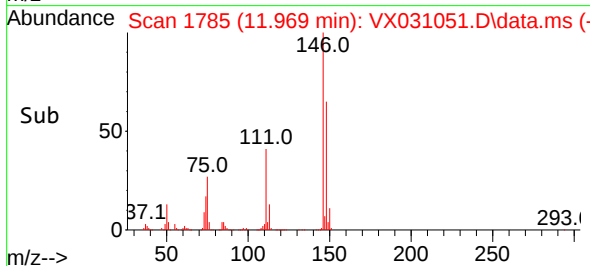
Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.3	60.8
148	63.7	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/02/2022

Supervised By :Mahesh Dadoda 09/02/2022



#88

1,4-Dichlorobenzene

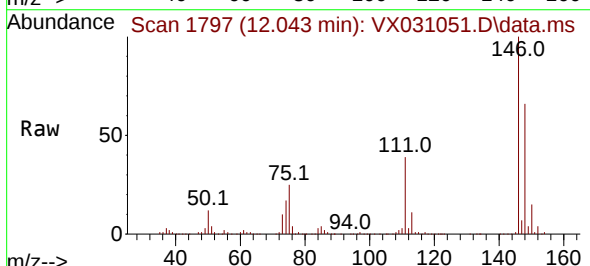
Concen: 46.690 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

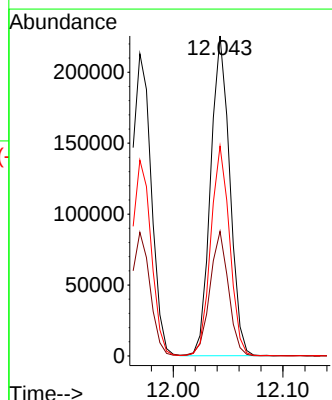
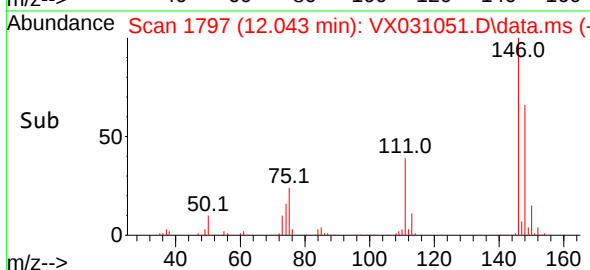
Lab File: VX031051.D

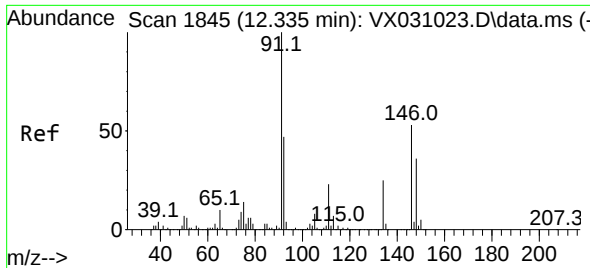
Acq: 02 Sep 2022 03:33



Tgt Ion:146 Resp: 273955

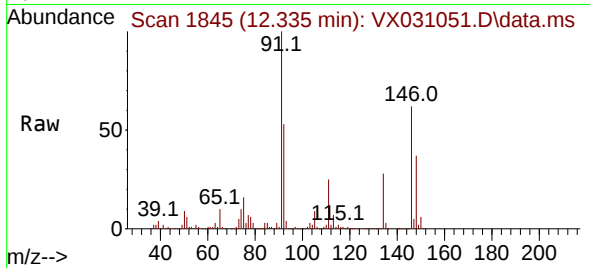
Ion	Ratio	Lower	Upper
146	100		
111	37.7	20.3	60.9
148	64.6	32.3	96.8





#89
n-Butylbenzene
Concen: 44.713 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

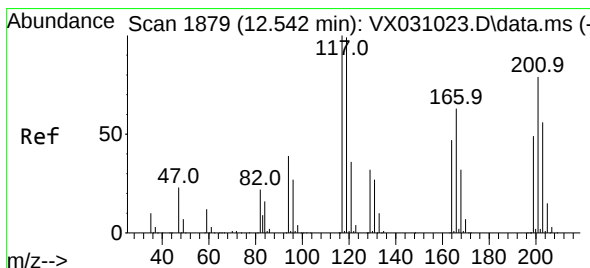
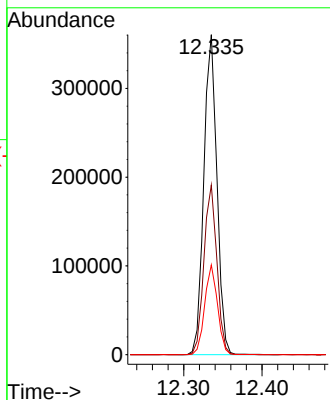
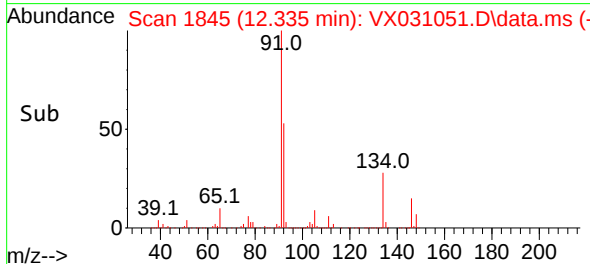
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 417872
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 27.4 12.6 37.8

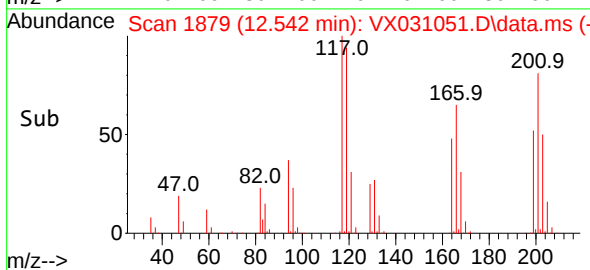
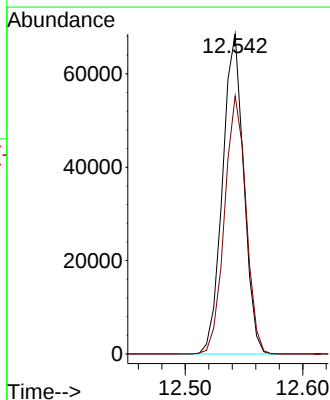
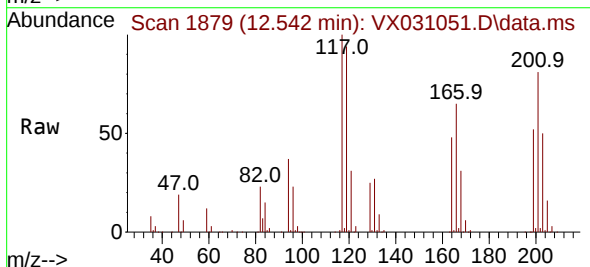
Manual Integrations
APPROVED

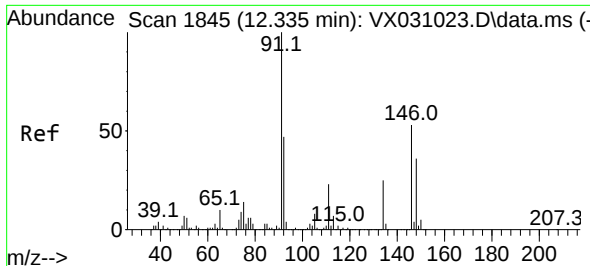
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#90
Hexachloroethane
Concen: 45.743 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

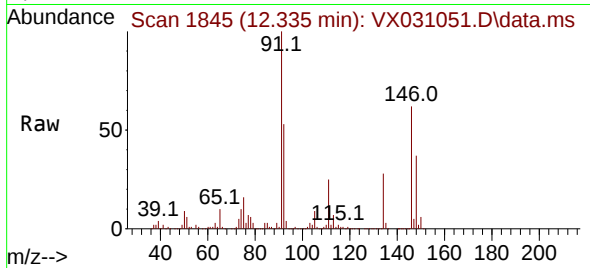
Tgt Ion:117 Resp: 85923
Ion Ratio Lower Upper
117 100
201 81.6 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 45.347 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

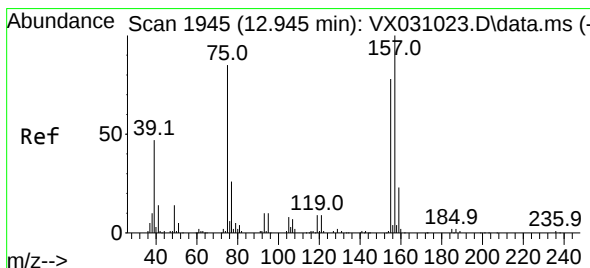
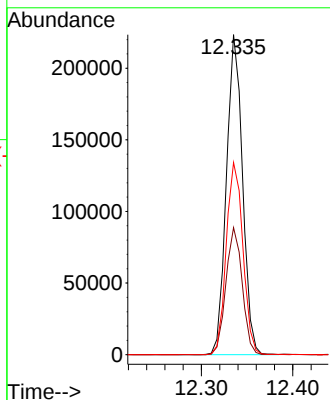
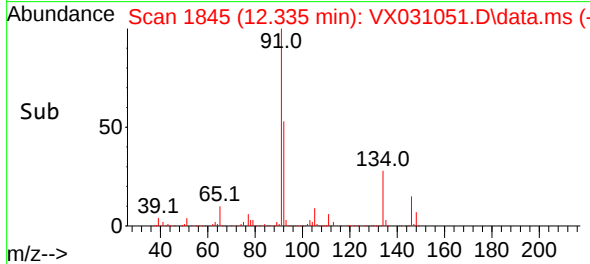
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 274019
Ion Ratio Lower Upper
146 100
111 40.2 20.7 62.1
148 62.3 32.0 96.2

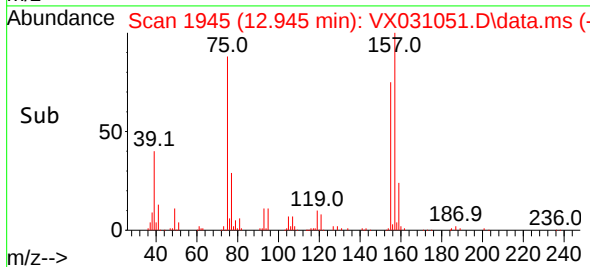
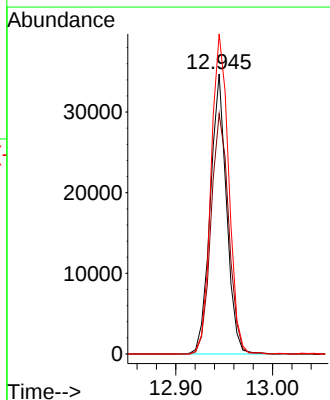
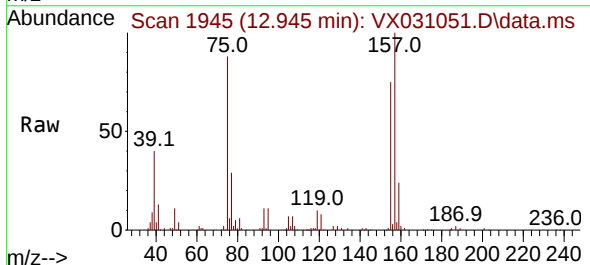
Manual Integrations
APPROVED

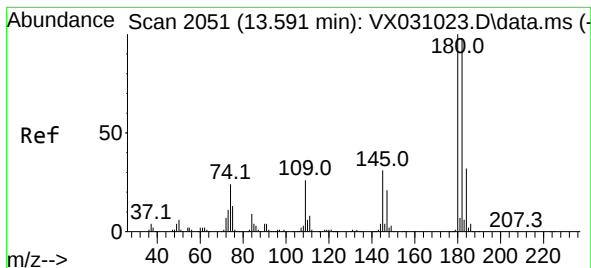
Reviewed By :John Carlone 09/02/2022
Supervised By :Mahesh Dadoda 09/02/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.661 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

Tgt Ion: 75 Resp: 40583
Ion Ratio Lower Upper
75 100
155 93.3 45.0 134.8
157 123.0 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 54.313 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

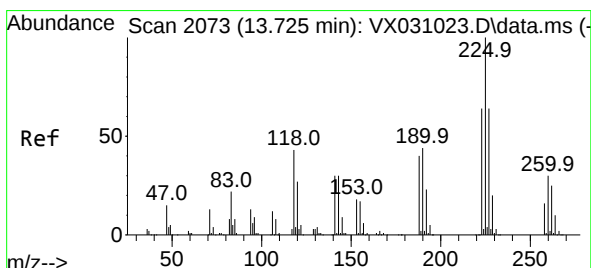
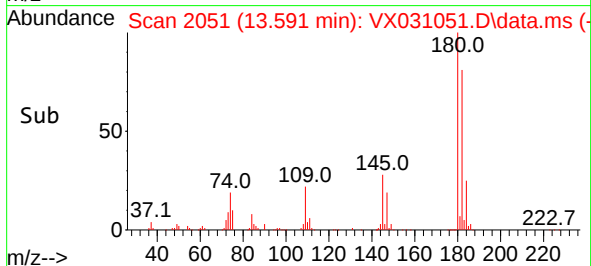
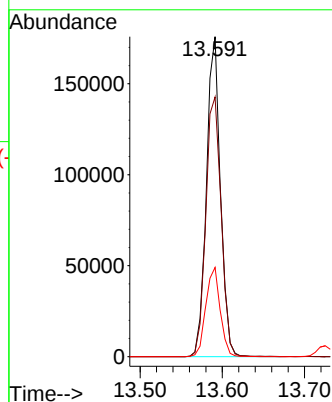
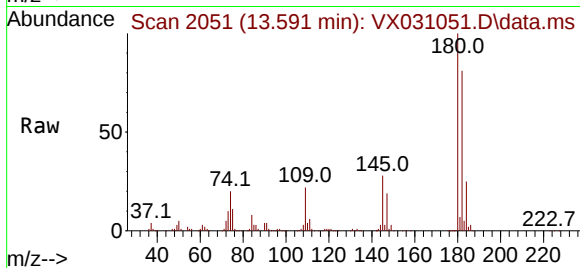
Tgt Ion:180	Resp:	207710
Ion Ratio	Lower	Upper
180	100	
182	89.0	48.2 144.6
145	28.7	15.9 47.6

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#94

Hexachlorobutadiene

Concen: 48.737 ug/l

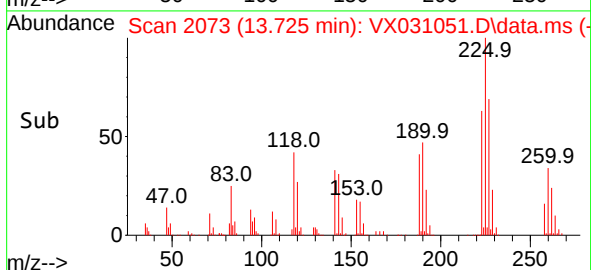
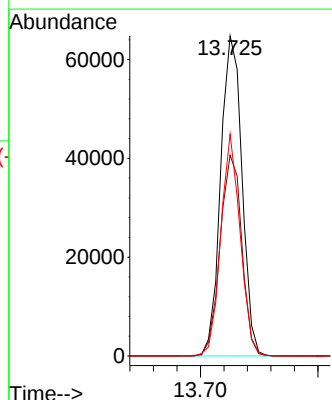
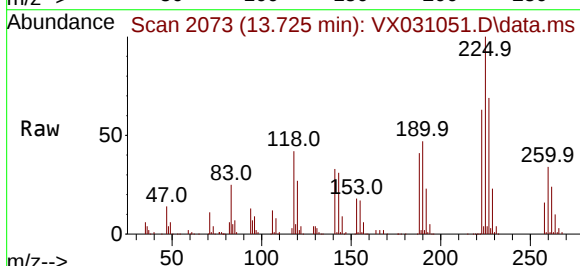
RT: 13.725 min Scan# 2073

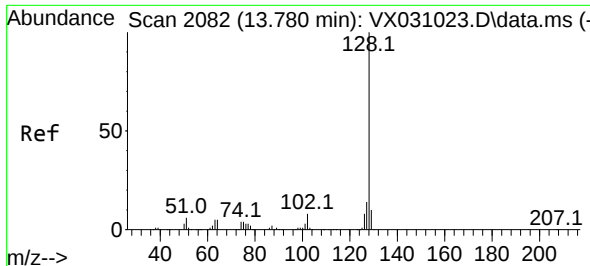
Delta R.T. 0.000 min

Lab File: VX031051.D

Acq: 02 Sep 2022 03:33

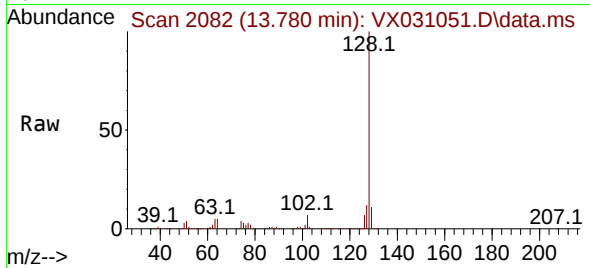
Tgt Ion:225	Resp:	81608
Ion Ratio	Lower	Upper
225	100	
223	63.5	30.6 91.6
227	63.0	31.9 95.9





#95
Naphthalene
Concen: 53.049 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

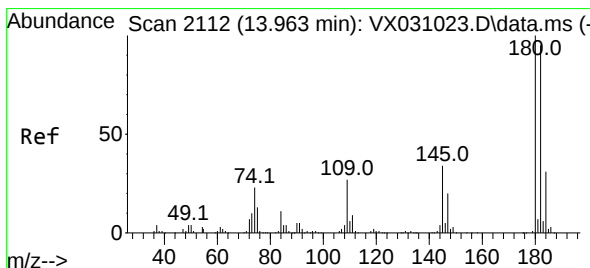
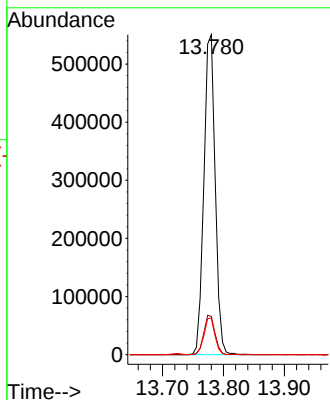
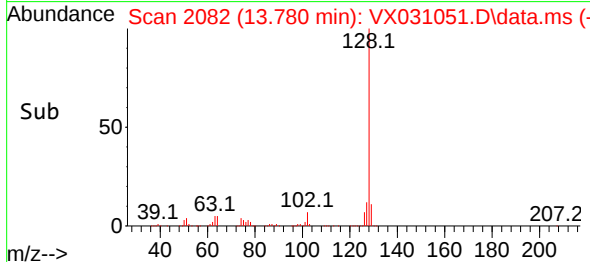
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 711599
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.2
129 11.1 8.6 13.0

Manual Integrations
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Supervised By :Mahesh Dadoda 09/02/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.888 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX031051.D
Acq: 02 Sep 2022 03:33

Tgt Ion:180 Resp: 204144
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.0
145 33.6 17.0 50.9

