

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032202.D
 Acq On : 19 Oct 2022 12:55
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 19 13:33:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 12:42:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	132399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169608	89.836	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 179.680%#			
35) Dibromofluoromethane	5.385	113	140854	101.336	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 202.680%#			
50) Toluene-d8	8.653	98	505013	99.734	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 199.460%#			
62) 4-Bromofluorobenzene	11.079	95	193073	97.977	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 195.960%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	120993	95.067	ug/l	100
3) Chloromethane	1.294	50	118246	88.970	ug/l	99
4) Vinyl Chloride	1.374	62	127152	96.131	ug/l	97
5) Bromomethane	1.611	94	133579	169.640	ug/l	98
6) Chloroethane	1.685	64	101669	116.369	ug/l	97
7) Trichlorofluoromethane	1.886	101	229227	103.313	ug/l	97
8) Diethyl Ether	2.136	74	80924	105.404	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	122308	93.833	ug/l	96
10) Methyl Iodide	2.453	142	187203	103.811	ug/l	94
11) Tert butyl alcohol	2.971	59	116226m	259.471	ug/l	
12) 1,1-Dichloroethene	2.319	96	116739	95.628	ug/l	99
13) Acrolein	2.233	56	104061	836.283	ug/l	100
14) Allyl chloride	2.666	41	193873	87.386	ug/l	91
15) Acrylonitrile	3.062	53	318528	412.489	ug/l	97
16) Acetone	2.380	43	263918	327.842	ug/l	92
17) Carbon Disulfide	2.514	76	286777	93.739	ug/l	99
18) Methyl Acetate	2.703	43	188949	74.866	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	416871	92.918	ug/l	100
20) Methylene Chloride	2.788	84	134034	86.705	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	129087	96.588	ug/l	98
22) Diisopropyl ether	3.764	45	420684	96.543	ug/l	96
23) Vinyl Acetate	3.721	43	1732061	489.550	ug/l	96
24) 1,1-Dichloroethane	3.611	63	234345	91.651	ug/l	99
25) 2-Butanone	4.556	43	429593	362.314	ug/l	94
26) 2,2-Dichloropropane	4.477	77	182862	81.652	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	153721	99.595	ug/l	99
28) Bromochloromethane	4.897	49	93176	89.436	ug/l	100
29) Tetrahydrofuran	5.007	42	282886	381.178	ug/l	94
30) Chloroform	5.099	83	260171	95.684	ug/l	100
31) Cyclohexane	5.477	56	197571	89.465	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	230436	94.692	ug/l	100
36) 1,1-Dichloropropene	5.696	75	182409	95.725	ug/l	98
37) Ethyl Acetate	4.715	43	180490	81.288	ug/l	95
38) Carbon Tetrachloride	5.678	117	203866	95.053	ug/l	99
39) Methylcyclohexane	7.379	83	227303	99.911	ug/l	99
40) Benzene	6.037	78	531067	97.170	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	100130	84.563	ug/l	94
42) 1,2-Dichloroethane	6.086	62	210612	92.414	ug/l	96
43) Isopropyl Acetate	6.342	43	303985	86.006	ug/l	93
44) Trichloroethene	7.129	130	146453	95.372	ug/l	99
45) 1,2-Dichloropropane	7.434	63	137541	95.350	ug/l	97
46) Dibromomethane	7.580	93	104957	99.402	ug/l	97
47) Bromodichloromethane	7.824	83	201151	102.452	ug/l	99
48) Methyl methacrylate	7.696	41	151966	86.171	ug/l	88
49) 1,4-Dioxane	7.690	88	52940	1433.669	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	916717	407.019	ug/l	92
52) Toluene	8.720	92	347472	97.004	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	215452	96.765	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	229345	99.536	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	144741	94.879	ug/l	98
56) Ethyl methacrylate	9.116	69	220376	96.341	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	233582	94.018	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	478508	433.433	ug/l	99
59) 2-Hexanone	9.433	43	679142	386.983	ug/l	90
60) Dibromochloromethane	9.525	129	161643	104.966	ug/l	100
61) 1,2-Dibromoethane	9.610	107	157781	97.065	ug/l	99
64) Tetrachloroethene	9.275	164	121623	83.106	ug/l	94
65) Chlorobenzene	10.079	112	379714	97.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	147124	102.141	ug/l	99
67) Ethyl Benzene	10.195	91	687877	101.177	ug/l	98
68) m/p-Xylenes	10.305	106	542743	208.517	ug/l	100
69) o-Xylene	10.640	106	265843	102.317	ug/l	99
70) Styrene	10.659	104	458478	108.774	ug/l	98
71) Bromoform	10.799	173	119287	109.989	ug/l	99
73) Isopropylbenzene	10.963	105	716538	92.550	ug/l	100
74) N-amyl acetate	10.842	43	287682	88.268	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	225068	89.858	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	195332m	81.708	ug/l	
77) Bromobenzene	11.201	156	174833	89.852	ug/l	94
78) n-propylbenzene	11.305	91	838837	95.908	ug/l	100
79) 2-Chlorotoluene	11.366	91	486508	89.551	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	646652	99.088	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	67610	83.176	ug/l	91
82) 4-Chlorotoluene	11.457	91	607370	98.260	ug/l	99
83) tert-Butylbenzene	11.719	119	629471	99.935	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	612867	95.467	ug/l	98
85) sec-Butylbenzene	11.890	105	767378	97.237	ug/l	100
86) p-Isopropyltoluene	12.012	119	674762	101.859	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	332105	95.287	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	345143	97.016	ug/l	99
89) n-Butylbenzene	12.335	91	615326	107.353	ug/l	97
90) Hexachloroethane	12.542	117	107850	101.050	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	341452	99.859	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	48771	84.873	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	215998	107.196	ug/l	99
94) Hexachlorobutadiene	13.725	225	89770	89.216	ug/l	98
95) Naphthalene	13.774	128	713955	110.185	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	219698	108.171	ug/l	99

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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

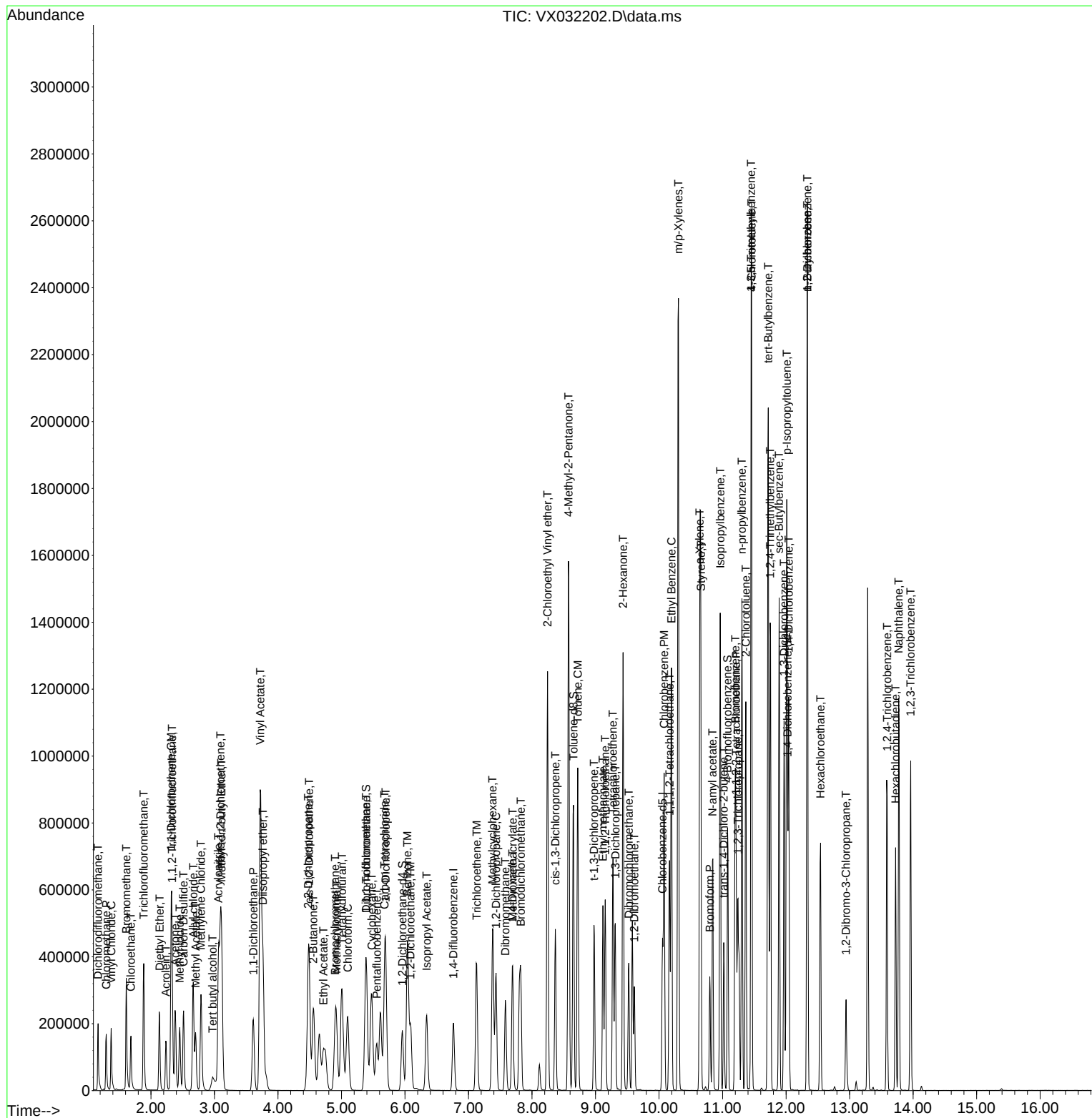
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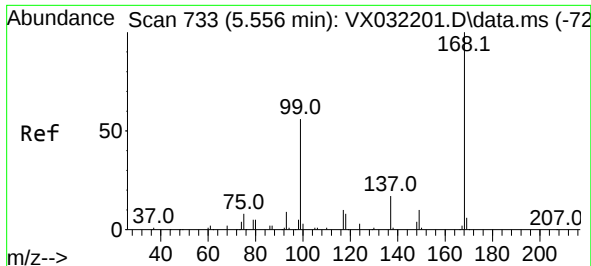
Instrument :
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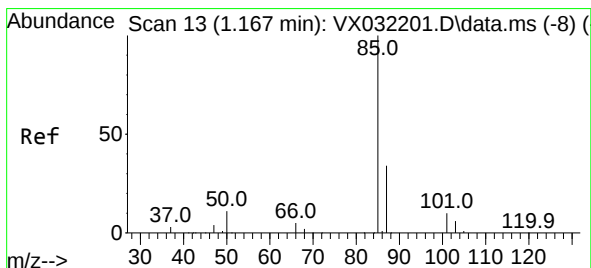
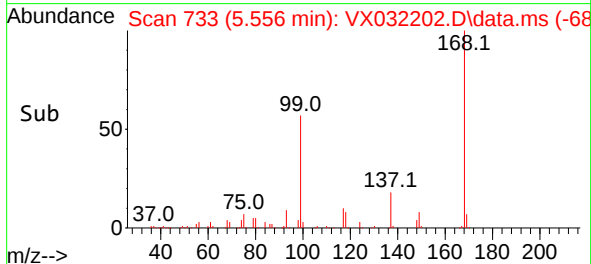
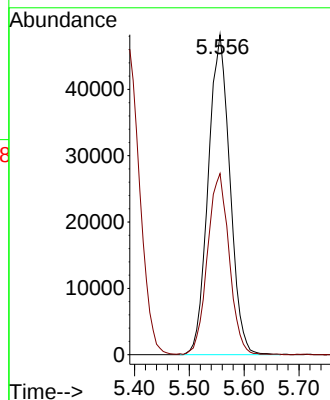
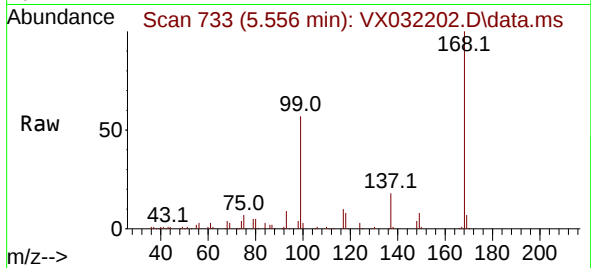
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032202.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:168 Resp: 132399
Ion Ratio Lower Upper
168 100
99 56.4 45.8 68.6

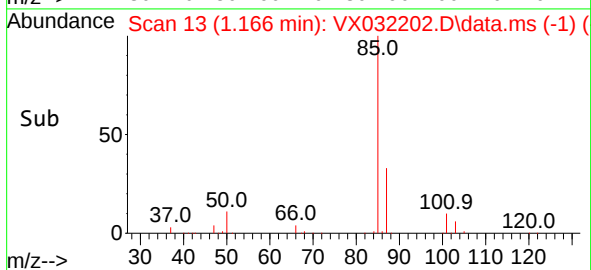
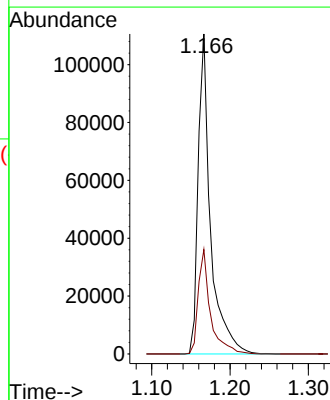
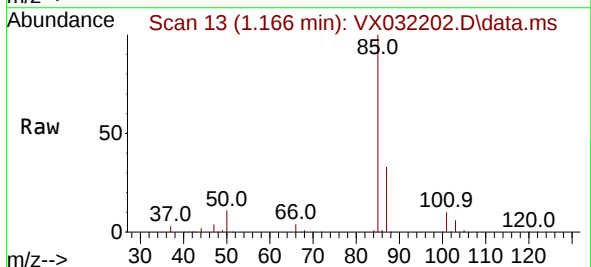
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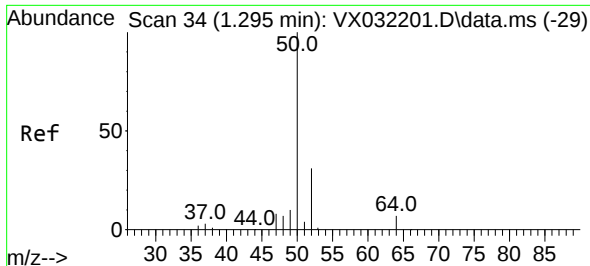
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#2
Dichlorodifluoromethane
Concen: 95.067 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.007 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Tgt Ion: 85 Resp: 120993
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.2





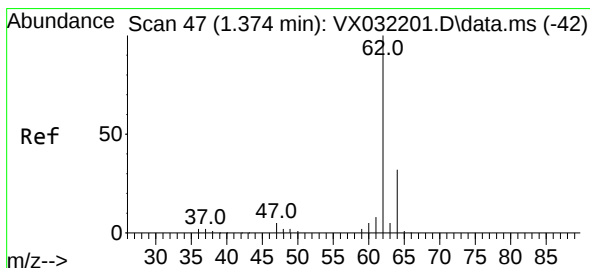
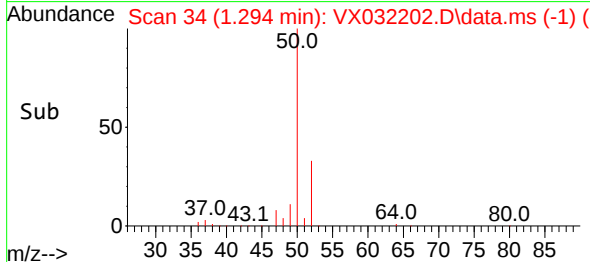
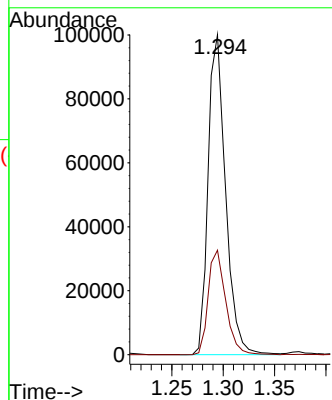
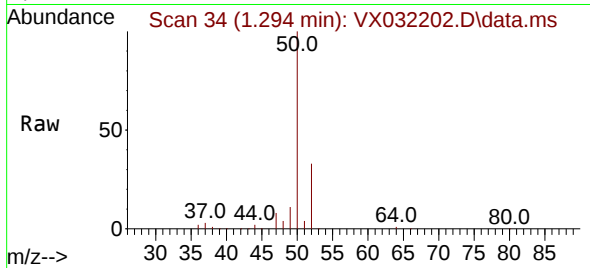
#3
Chloromethane
Concen: 88.970 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 118240
Ion Ratio Lower Upper
50 100
52 32.6 26.4 39.6

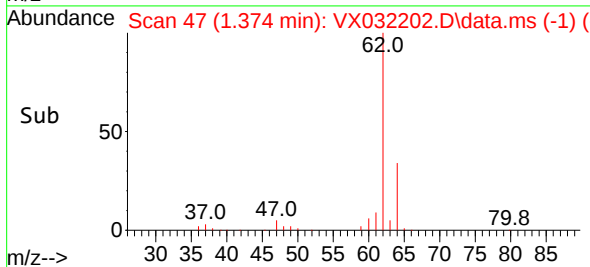
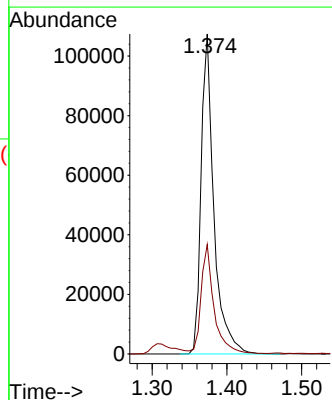
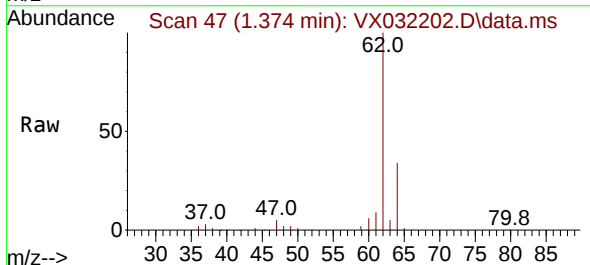
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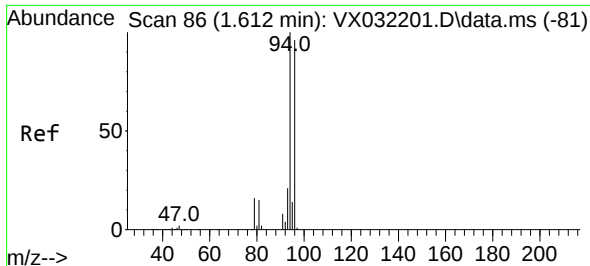
Reviewed By :John Carlone 10/20/2022
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#4
Vinyl Chloride
Concen: 96.131 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

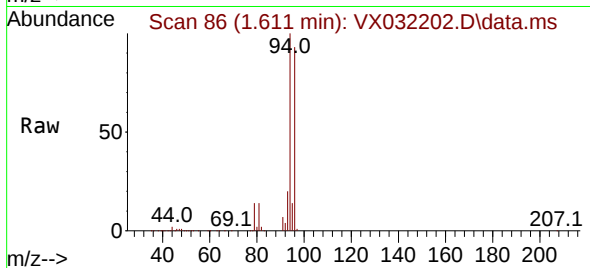
Tgt Ion: 62 Resp: 127152
Ion Ratio Lower Upper
62 100
64 33.9 25.7 38.5





#5
Bromomethane
Concen: 169.640 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

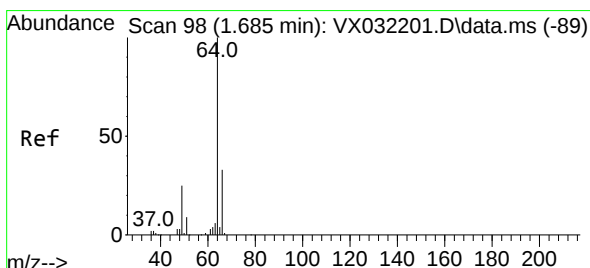
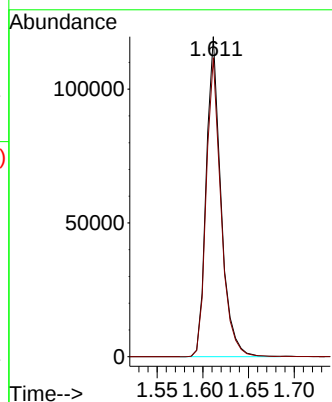
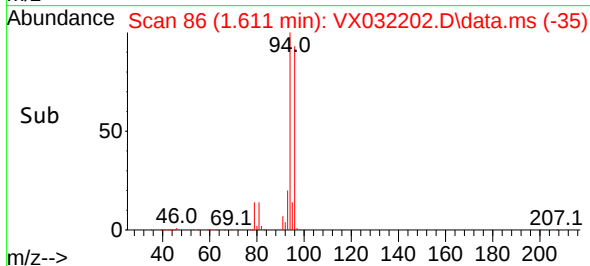
Instrument :
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Tgt Ion: 94 Resp: 133579
Ion Ratio Lower Upper
94 100
96 93.4 76.4 114.6

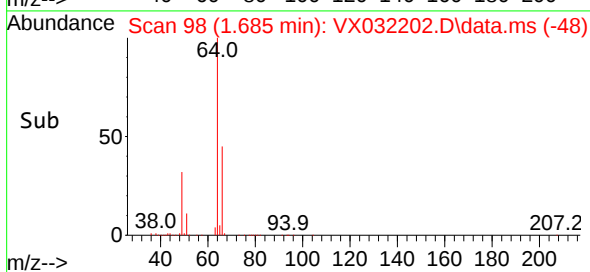
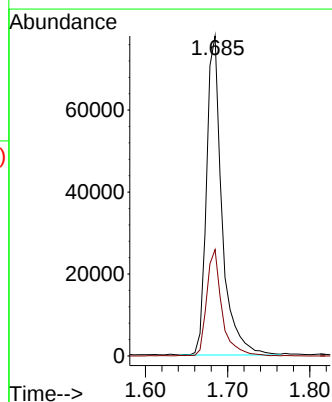
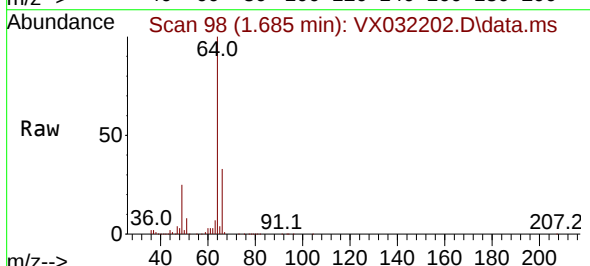
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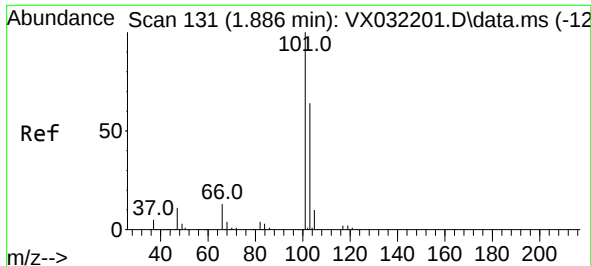
Reviewed By :John Carlone 10/20/2022
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#6
Chloroethane
Concen: 116.369 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Tgt Ion: 64 Resp: 101669
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.0





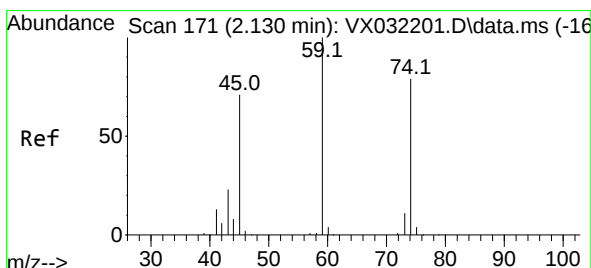
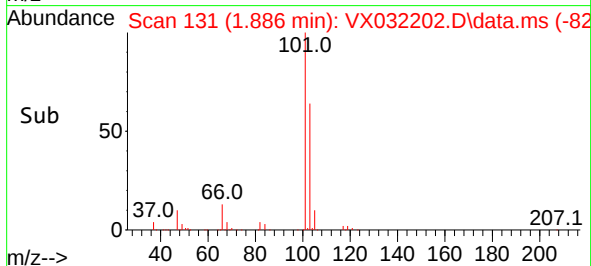
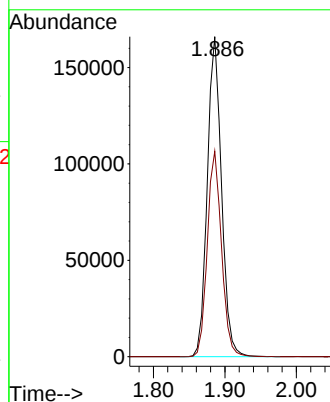
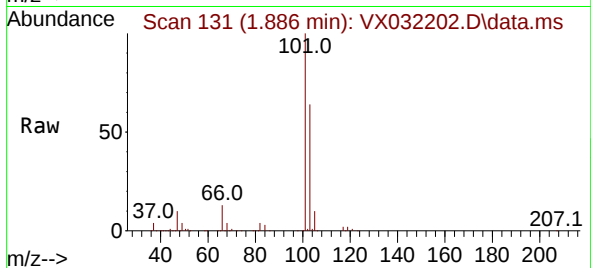
#7
Trichlorofluoromethane
Concen: 103.313 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 22922
Ion Ratio Lower Upper
101 100
103 64.2 53.2 79.8

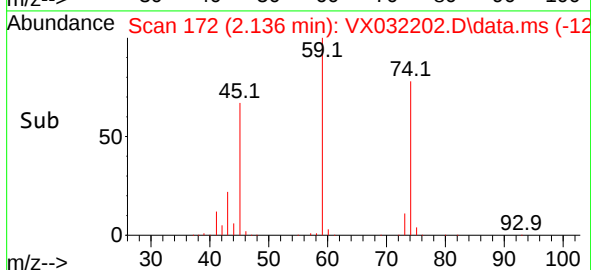
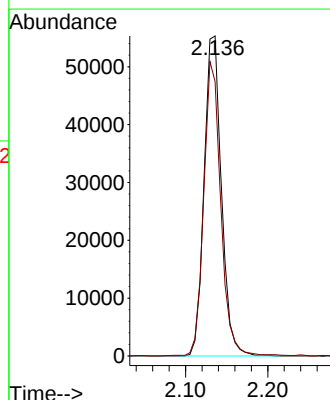
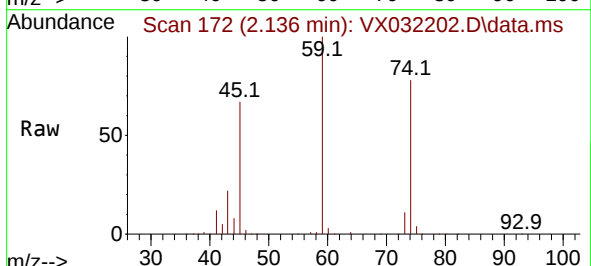
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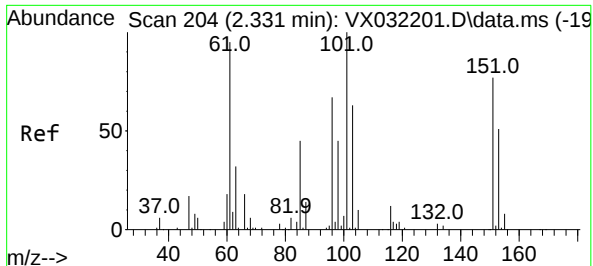
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#8
Diethyl Ether
Concen: 105.404 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Tgt Ion: 74 Resp: 80924
Ion Ratio Lower Upper
74 100
45 90.6 44.5 133.5





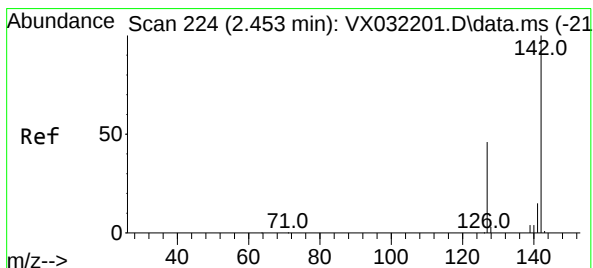
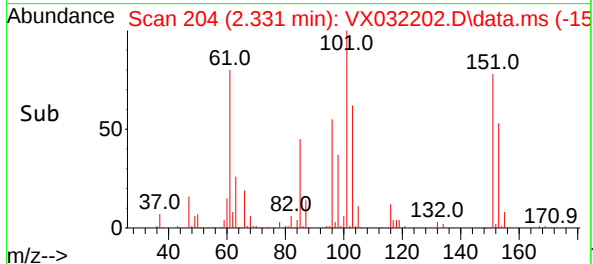
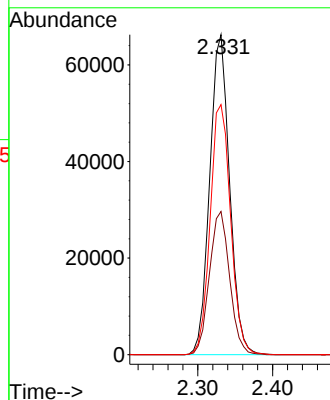
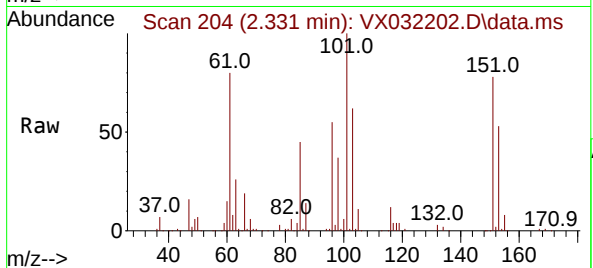
#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.833 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 122308
Ion Ratio Lower Upper
101 100
85 45.6 34.9 52.3
151 80.7 61.4 92.2

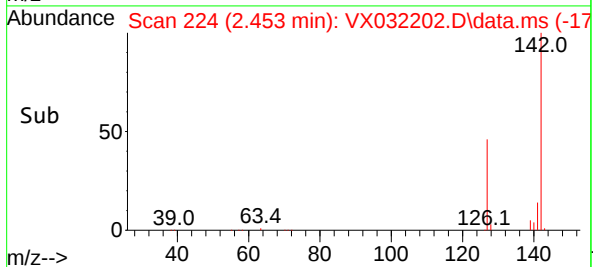
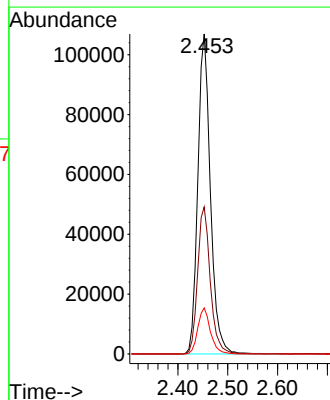
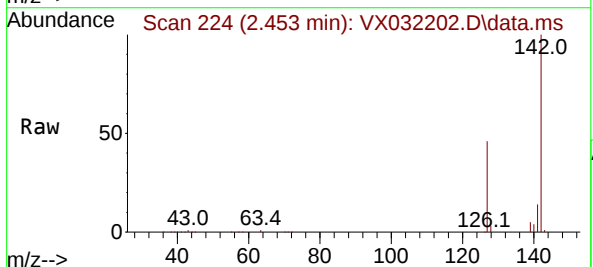
Manual Integrations
APPROVED

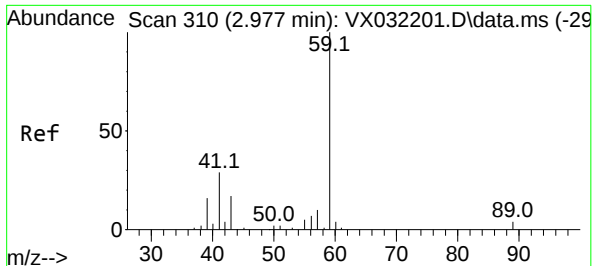
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#10
Methyl Iodide
Concen: 103.811 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Tgt Ion:142 Resp: 187203
Ion Ratio Lower Upper
142 100
127 46.3 33.3 49.9
141 14.4 11.4 17.0





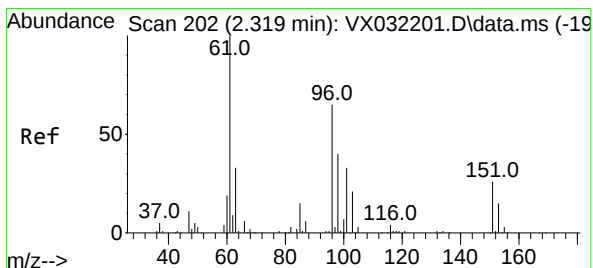
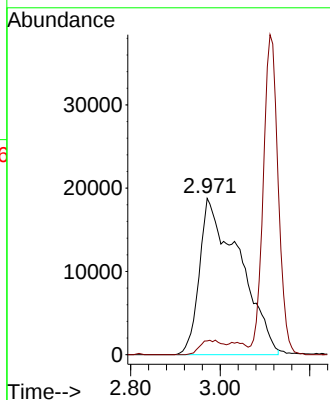
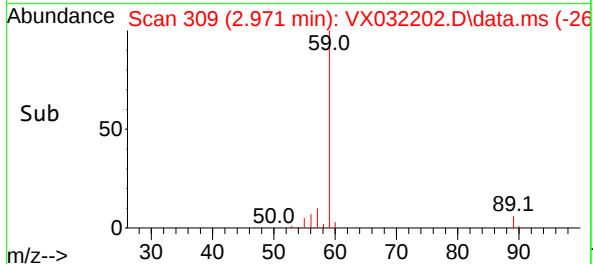
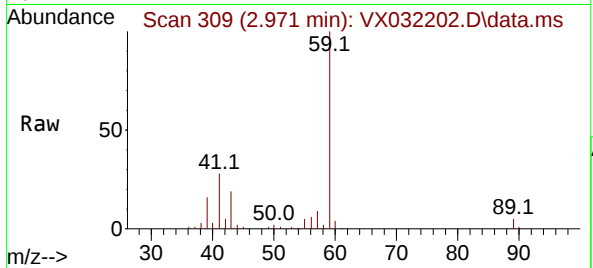
#11
Tert butyl alcohol
Concen: 259.471 ug/l m
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 116220
Ion Ratio Lower Upper
59 100
57 5.3 7.8 11.8

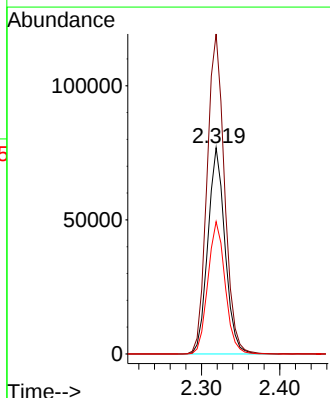
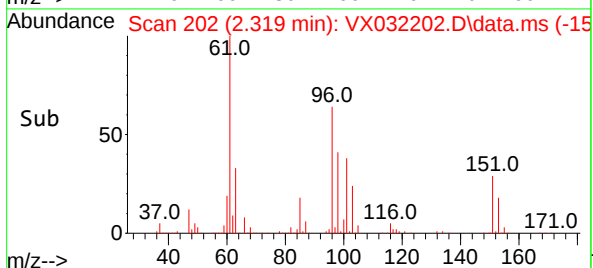
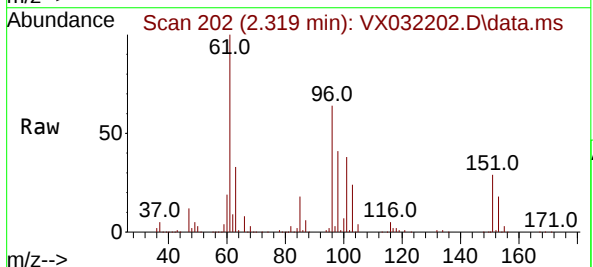
Manual Integrations
APPROVED

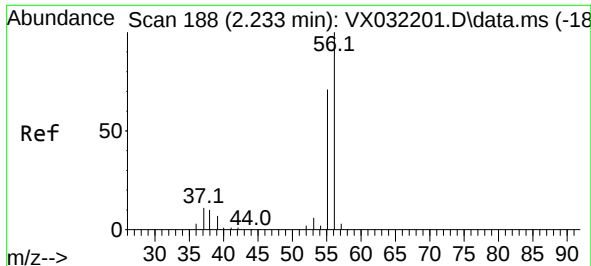
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#12
1,1-Dichloroethene
Concen: 95.628 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

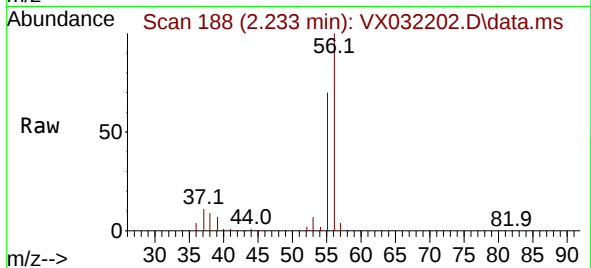
Tgt Ion: 96 Resp: 116739
Ion Ratio Lower Upper
96 100
61 155.2 124.6 187.0
98 64.1 50.6 76.0





#13
Acrolein
Concen: 836.283 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.013 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

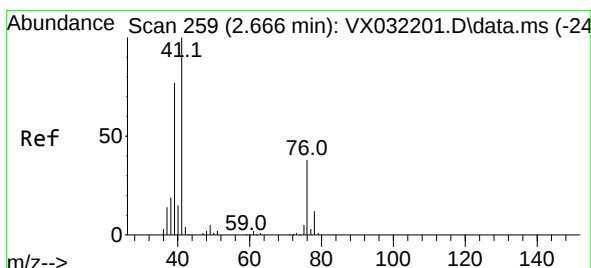
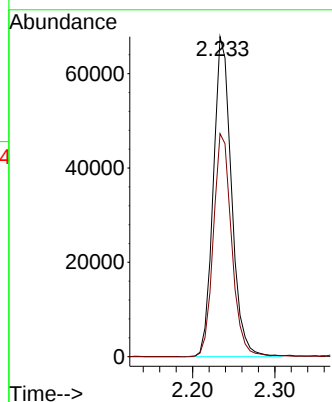
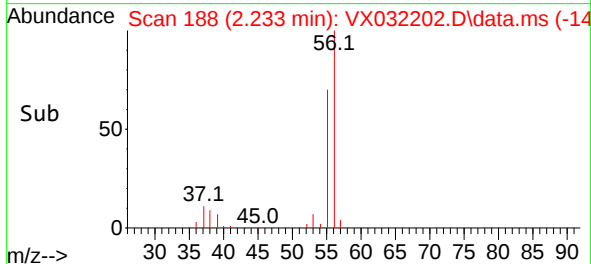
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 10406
Ion Ratio Lower Upper
56 100
55 70.4 56.4 84.6

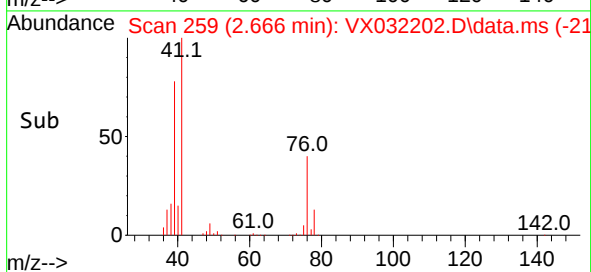
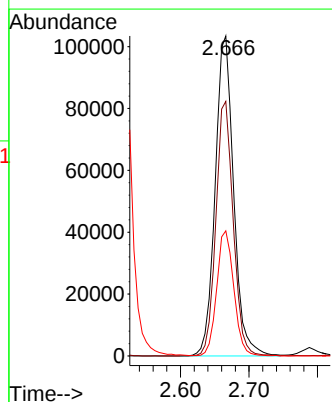
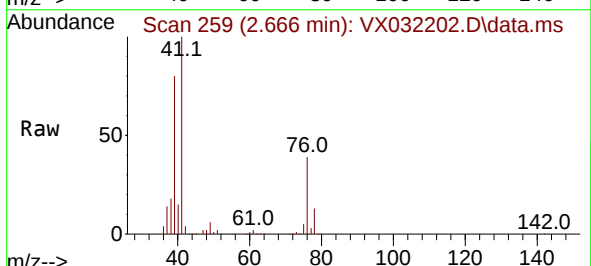
Manual Integrations
APPROVED

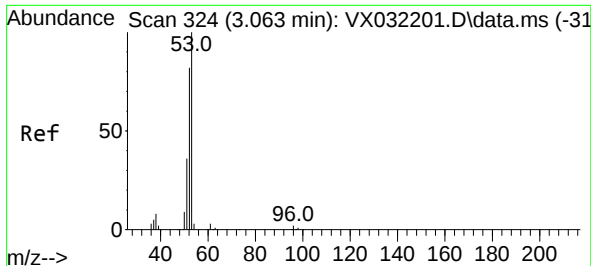
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#14
Allyl chloride
Concen: 87.386 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

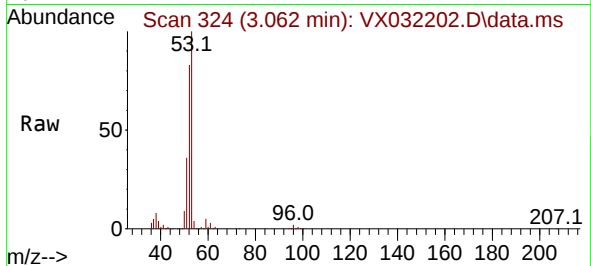
Tgt Ion: 41 Resp: 193873
Ion Ratio Lower Upper
41 100
39 74.6 51.6 77.4
76 36.2 30.5 45.7





#15
Acrylonitrile
Concen: 412.489 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.013 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

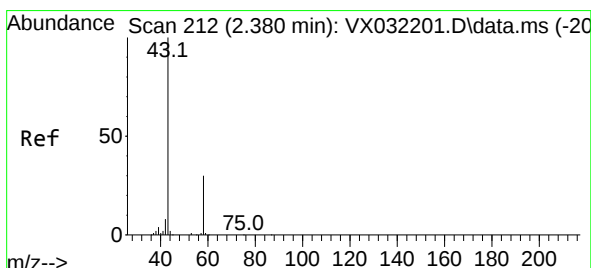
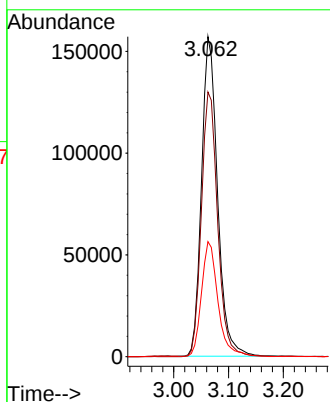
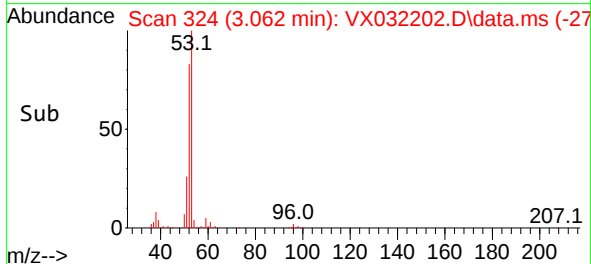
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 318528
Ion Ratio Lower Upper
53 100
52 84.1 65.3 97.9
51 36.9 28.2 42.2

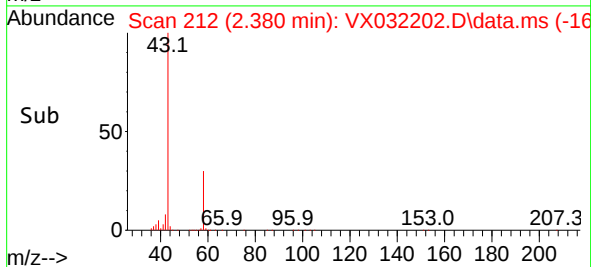
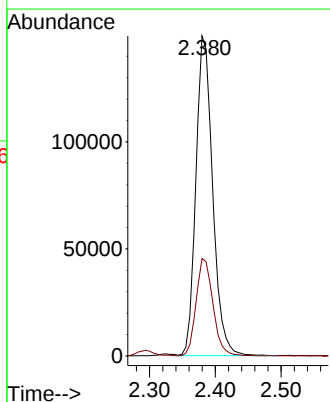
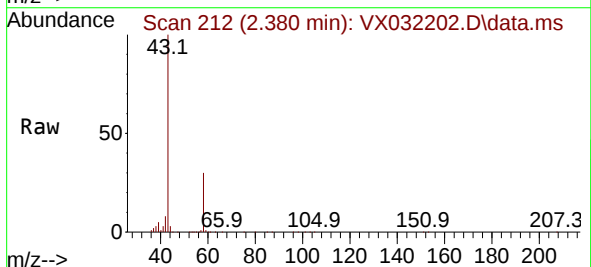
Manual Integrations
APPROVED

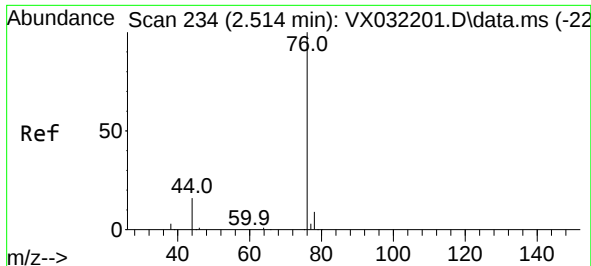
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#16
Acetone
Concen: 327.842 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

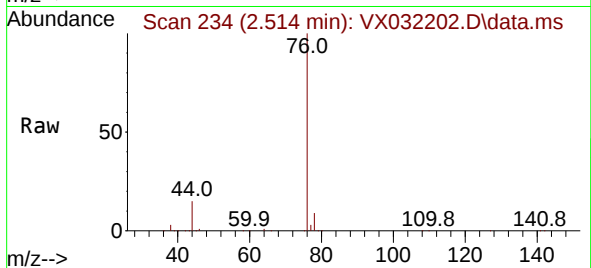
Tgt Ion: 43 Resp: 263918
Ion Ratio Lower Upper
43 100
58 30.4 27.8 41.8





#17
Carbon Disulfide
Concen: 93.739 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

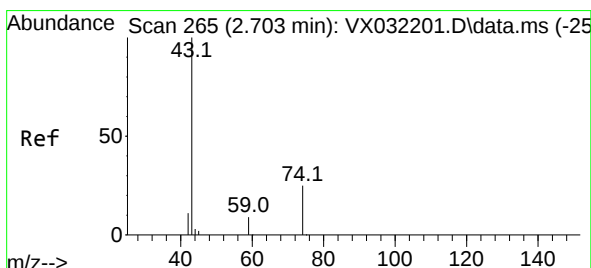
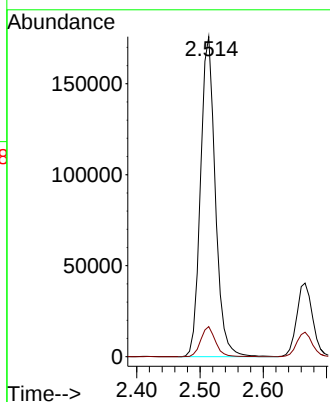
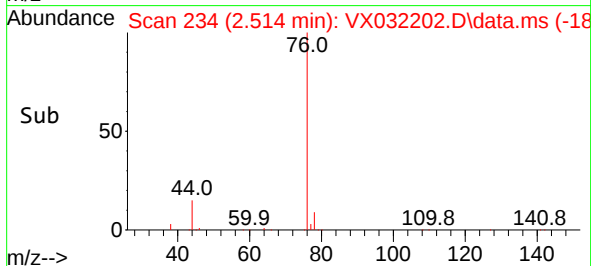
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



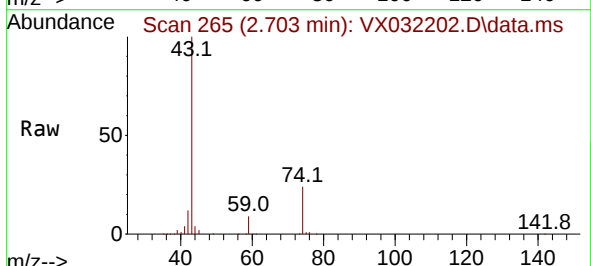
Tgt Ion: 76 Resp: 28677
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

Manual Integrations
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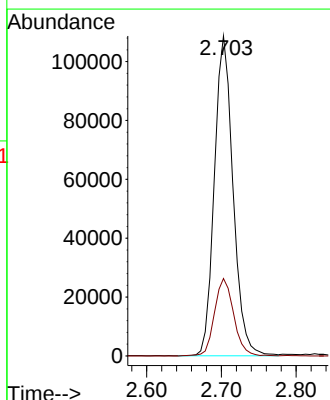
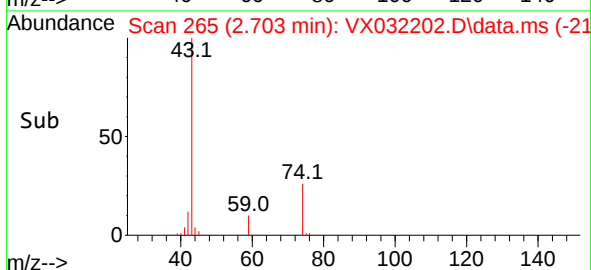
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

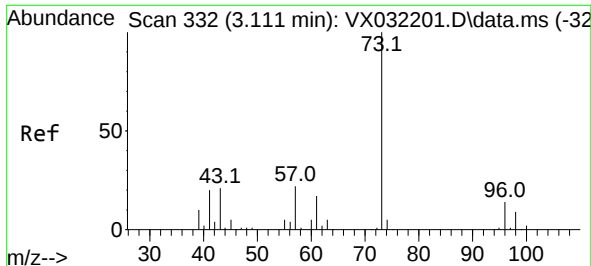


#18
Methyl Acetate
Concen: 74.866 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.012 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55



Tgt Ion: 43 Resp: 188949
Ion Ratio Lower Upper
43 100
74 25.0 21.9 32.9





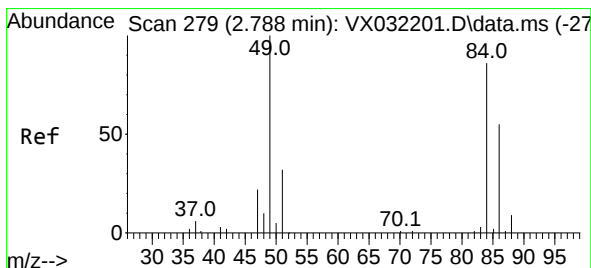
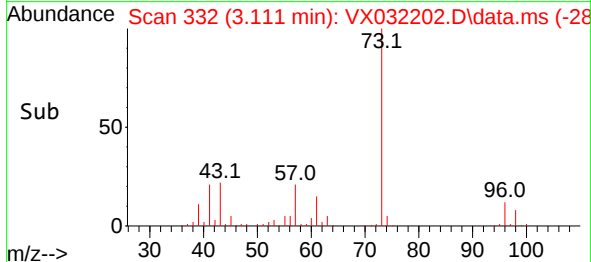
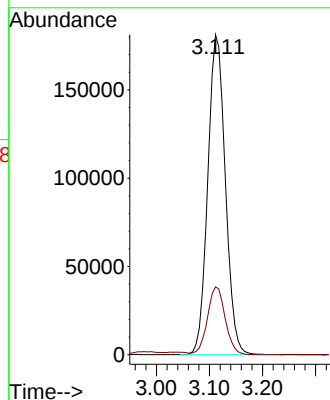
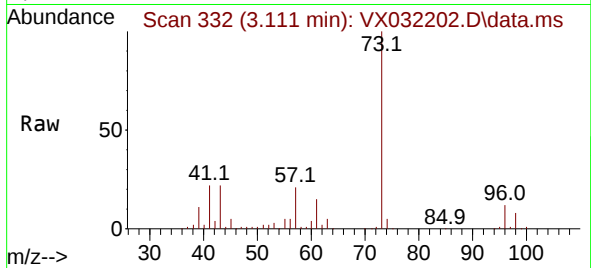
#19
Methyl tert-butyl Ether
Concen: 92.918 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 41687
Ion Ratio Lower Upper
73 100
57 21.2 17.1 25.7

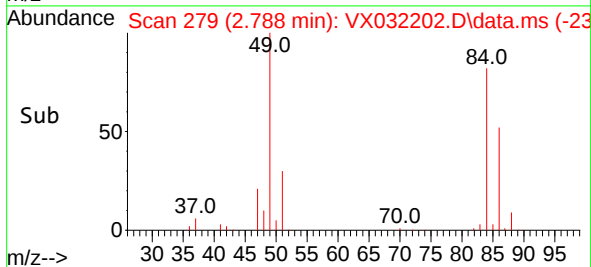
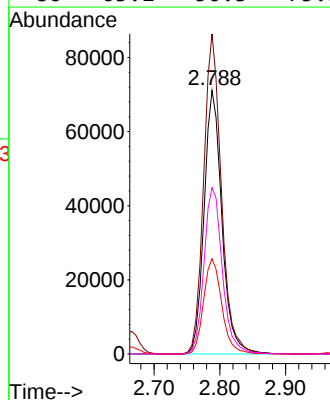
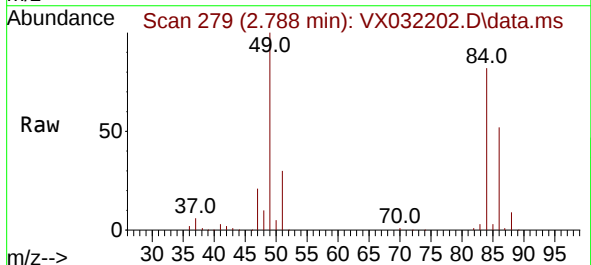
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#20
Methylene Chloride
Concen: 86.705 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

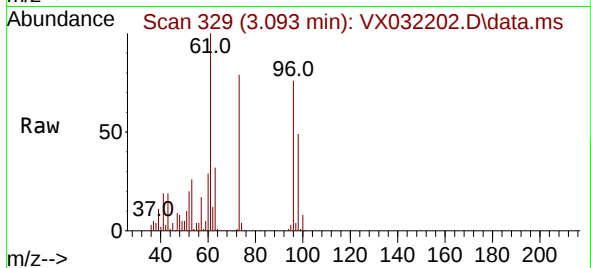
Tgt Ion: 84 Resp: 134034
Ion Ratio Lower Upper
84 100
49 121.4 88.6 132.8
51 36.1 27.0 40.6
86 63.1 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 96.588 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

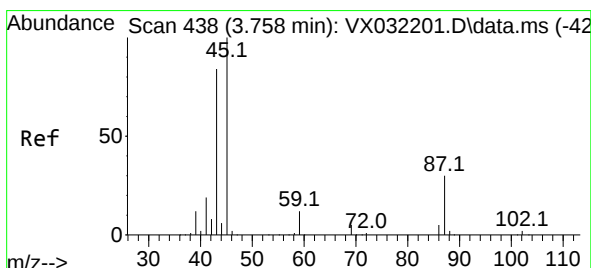
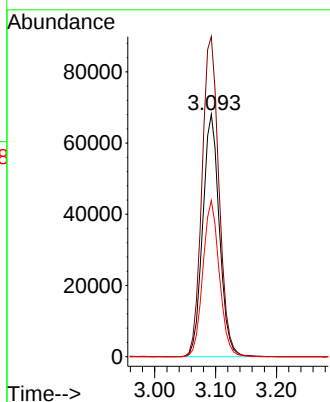
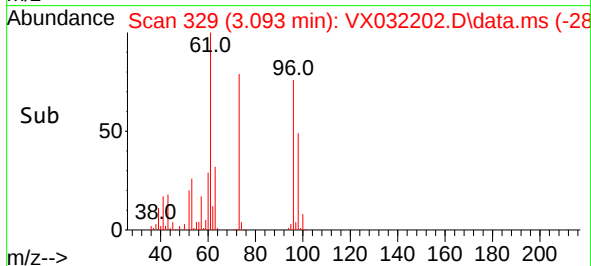
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 12908
Ion Ratio Lower Upper
96 100
61 132.1 107.7 161.5
98 64.5 50.4 75.6

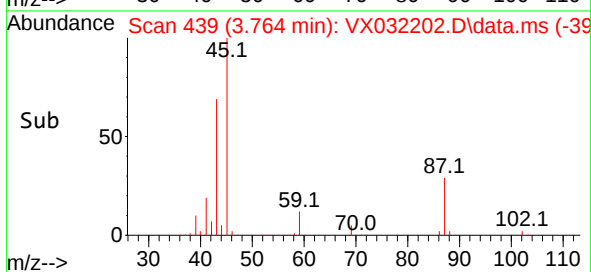
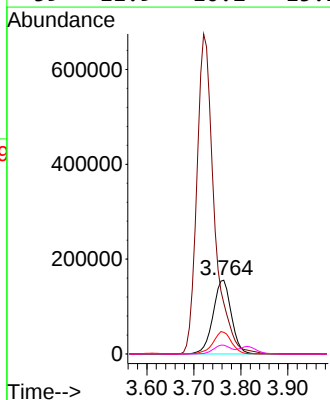
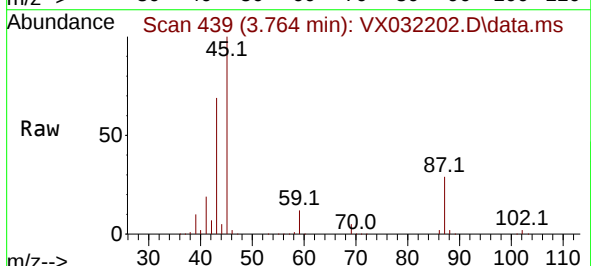
Manual Integrations
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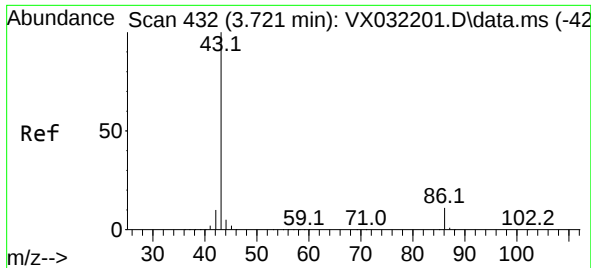
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#22
Diisopropyl ether
Concen: 96.543 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.012 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Tgt Ion: 45 Resp: 420684
Ion Ratio Lower Upper
45 100
43 68.8 58.0 87.0
87 29.3 25.4 38.0
59 11.9 10.2 15.2





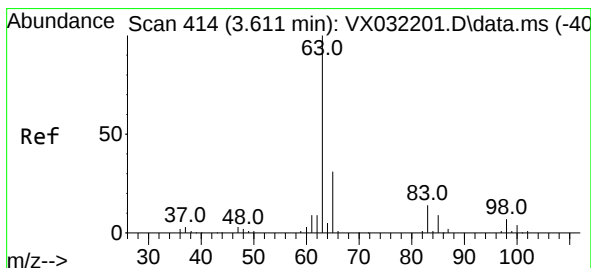
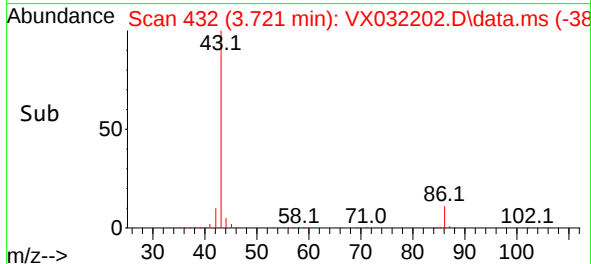
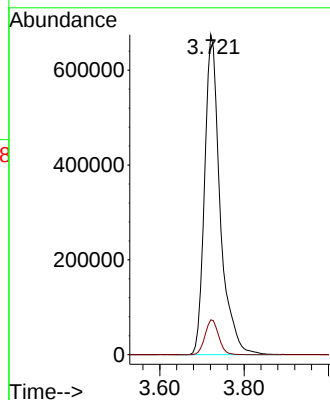
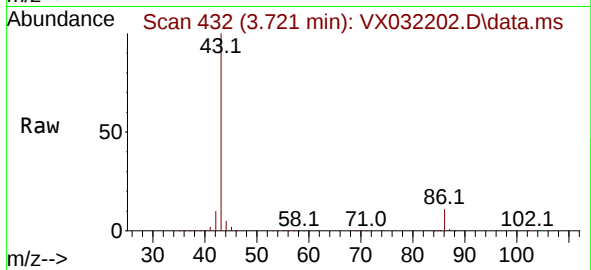
#23
 Vinyl Acetate
 Concen: 489.550 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: VX032202.D
 Acq: 19 Oct 2022 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Tgt Ion: 43 Resp: 173206
 Ion Ratio Lower Upper
 43 100
 86 10.9 9.9 14.9

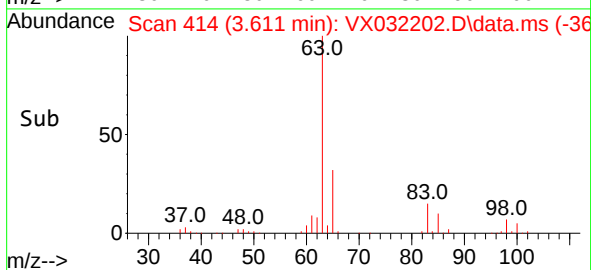
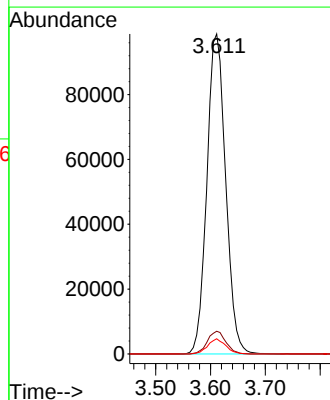
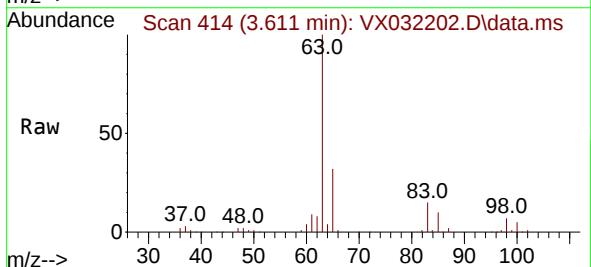
Manual Integrations
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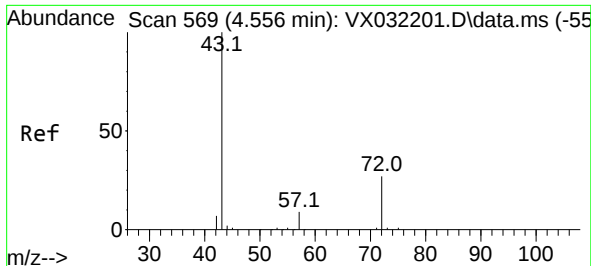
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#24
 1,1-Dichloroethane
 Concen: 91.651 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.006 min
 Lab File: VX032202.D
 Acq: 19 Oct 2022 12:55

Tgt Ion: 63 Resp: 234345
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.8 2.5 7.5





#25

2-Butanone

Concen: 362.314 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.012 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 42959

Ion Ratio Lower Upper

43 100

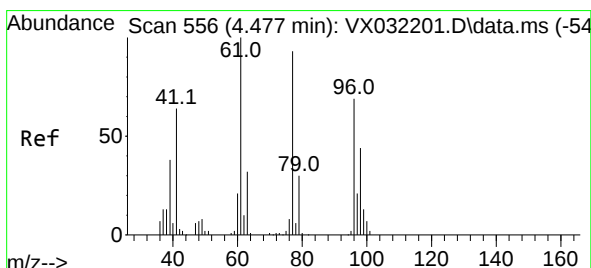
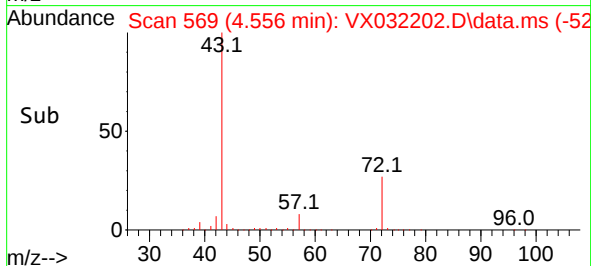
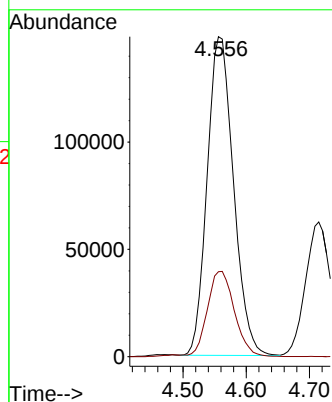
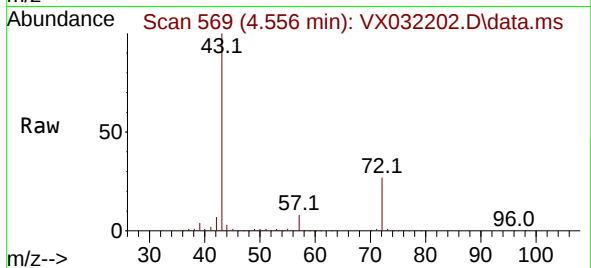
72 26.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#26

2,2-Dichloropropane

Concen: 81.652 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.012 min

Lab File: VX032202.D

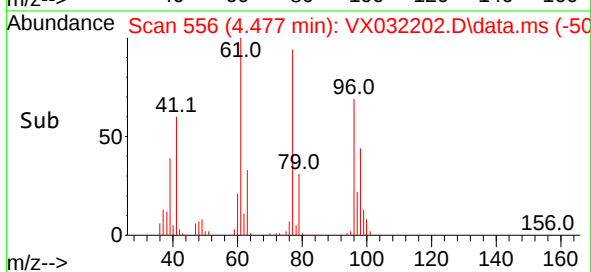
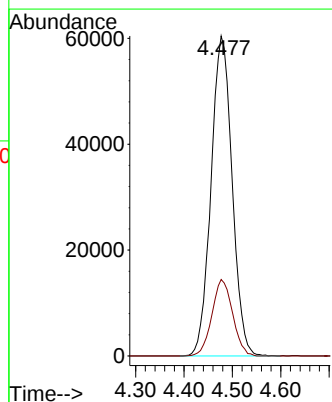
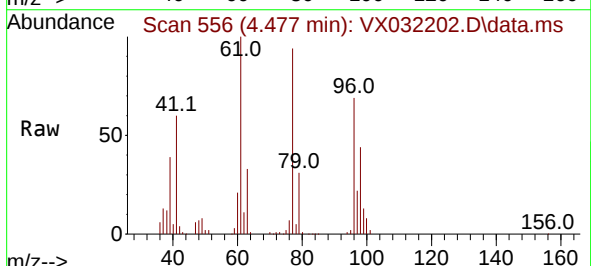
Acq: 19 Oct 2022 12:55

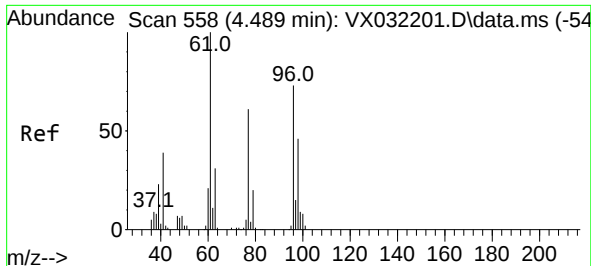
Tgt Ion: 77 Resp: 182862

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 99.595 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 15372

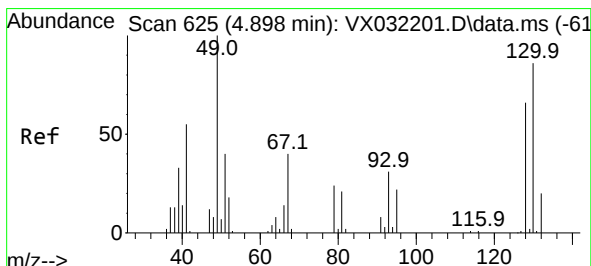
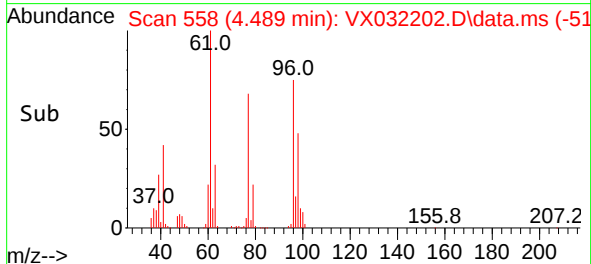
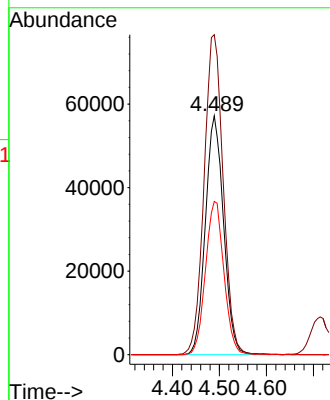
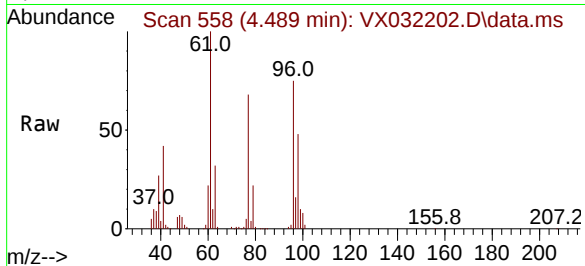
Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	285.6
98	64.9	0.0	129.6

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#28

Bromochloromethane

Concen: 89.436 ug/l

RT: 4.897 min Scan# 625

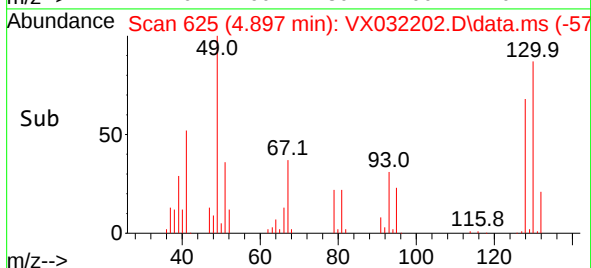
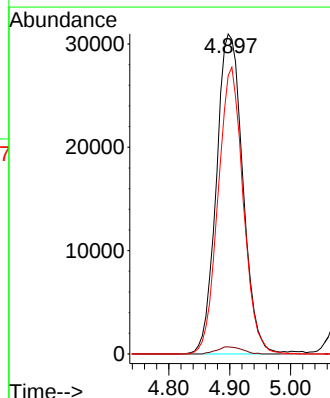
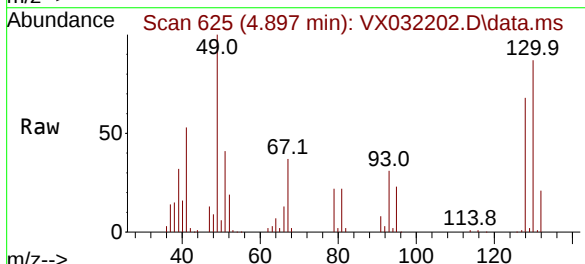
Delta R.T. -0.013 min

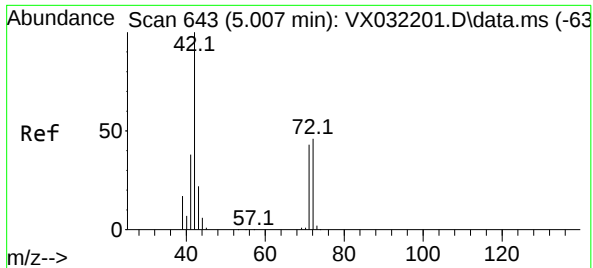
Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

Tgt Ion: 49 Resp: 93176

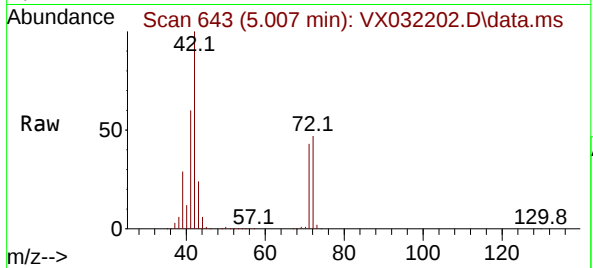
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	85.3	68.2	102.2





#29
Tetrahydrofuran
Concen: 381.178 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.012 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

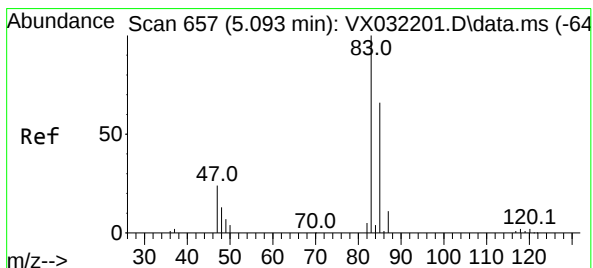
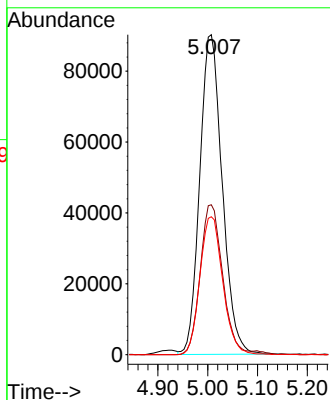
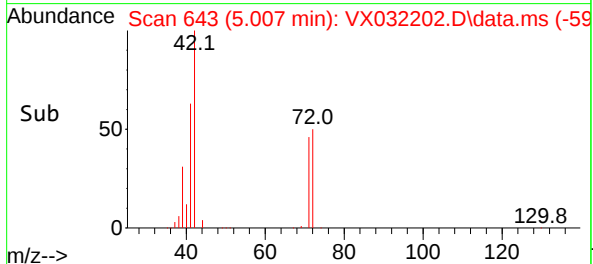
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 42 Resp: 282880
Ion Ratio Lower Upper
42 100
72 47.4 41.7 62.5
71 43.8 38.4 57.6

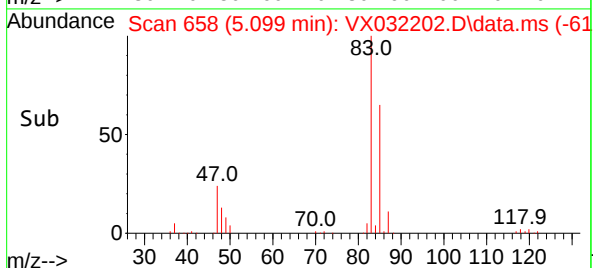
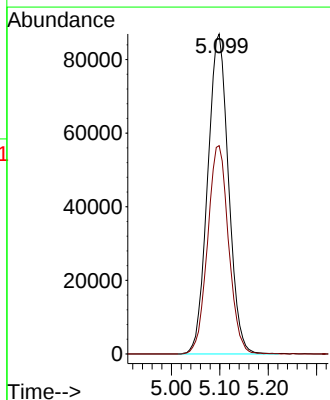
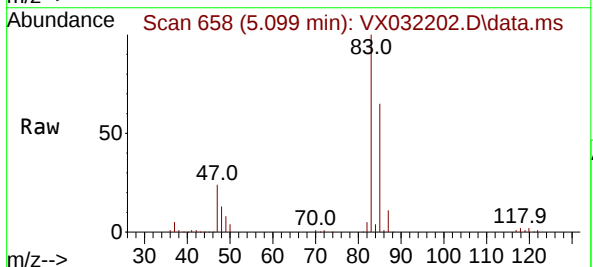
Manual Integrations
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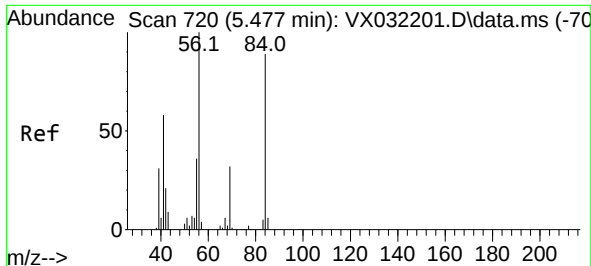
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#30
Chloroform
Concen: 95.684 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

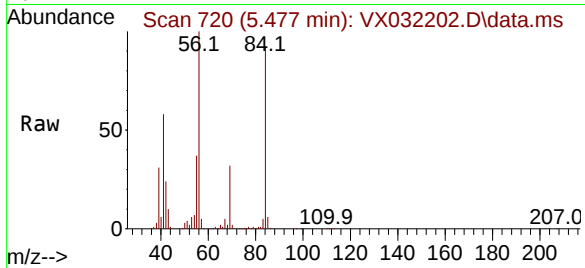
Tgt Ion: 83 Resp: 260171
Ion Ratio Lower Upper
83 100
85 65.1 52.0 78.0





#31
Cyclohexane
Concen: 89.465 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

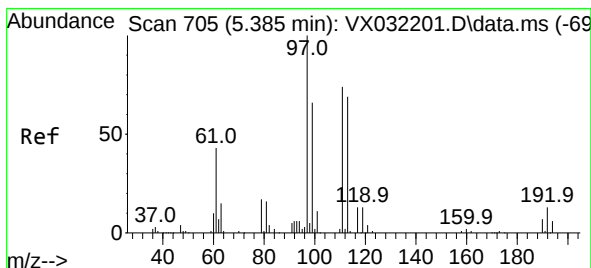
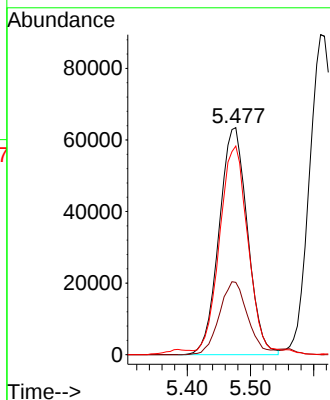
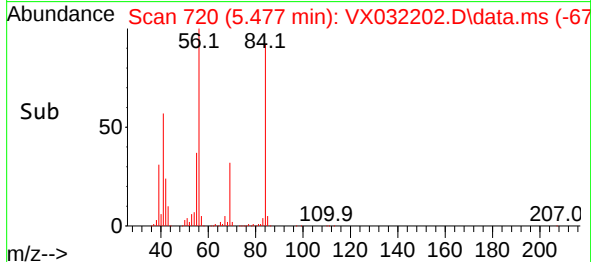
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



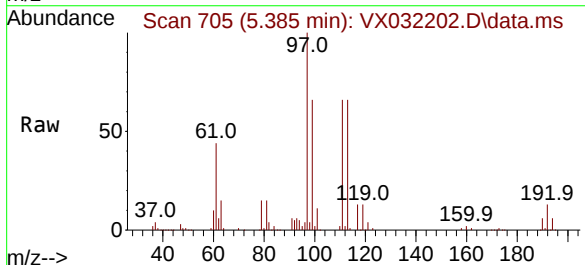
Tgt Ion: 56 Resp: 19757
Ion Ratio Lower Upper
56 100
69 31.9 25.3 37.9
84 89.6 71.4 107.0

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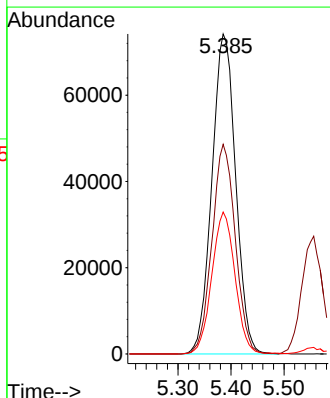
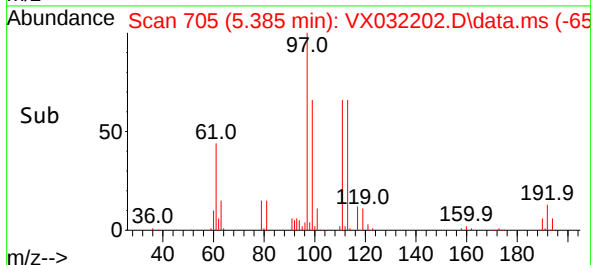
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

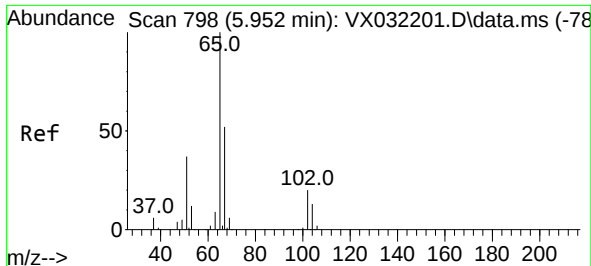


#32
1,1,1-Trichloroethane
Concen: 94.692 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55



Tgt Ion: 97 Resp: 230436
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 43.4 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 89.836 ug/l

RT: 5.958 min Scan# 798

Delta R.T. -0.013 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 169608

Ion Ratio Lower Upper

65 100

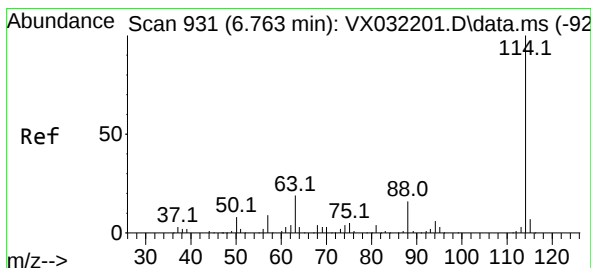
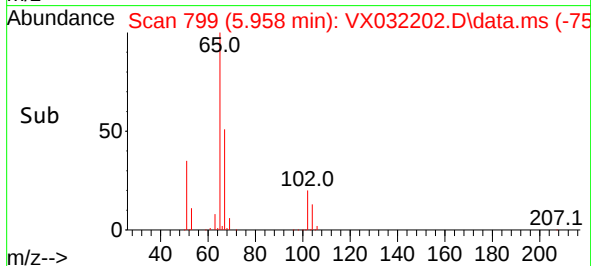
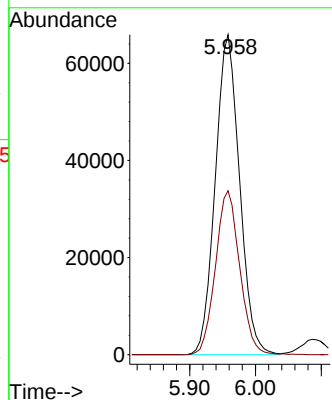
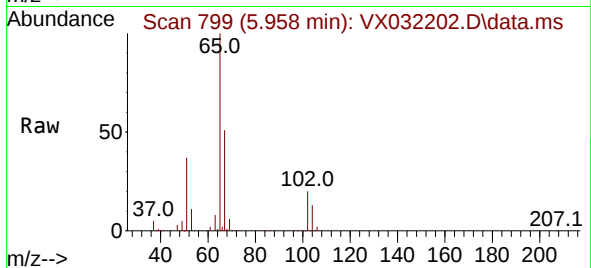
67 51.0 0.0 105.4

Manual Integrations

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Supervised By :Mahesh Dadoda 10/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

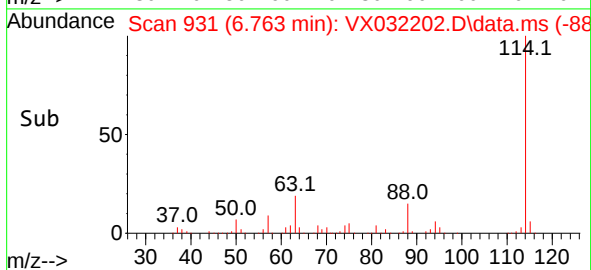
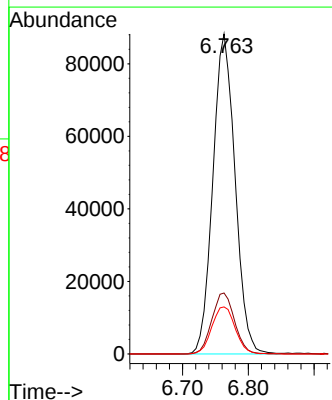
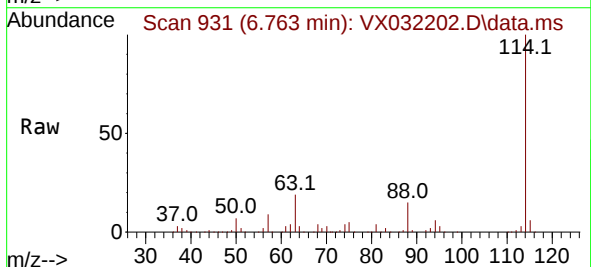
Tgt Ion:114 Resp: 207260

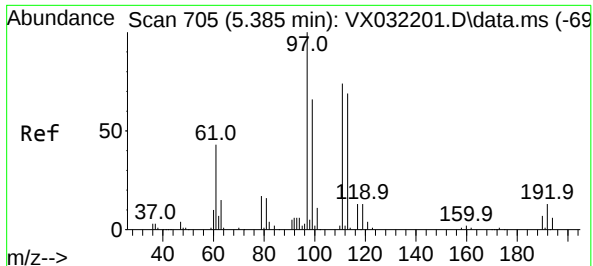
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.8

88 14.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 101.336 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 140854

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

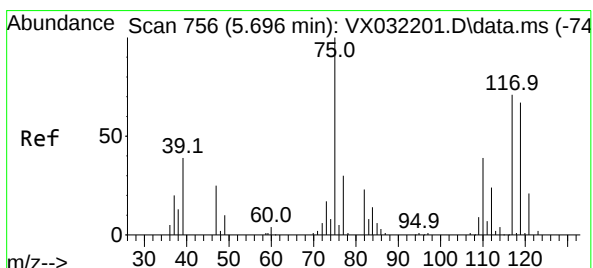
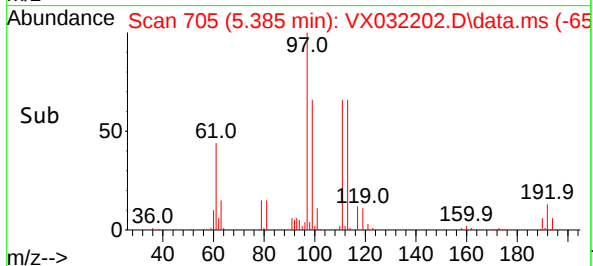
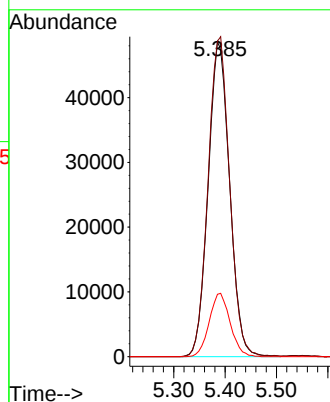
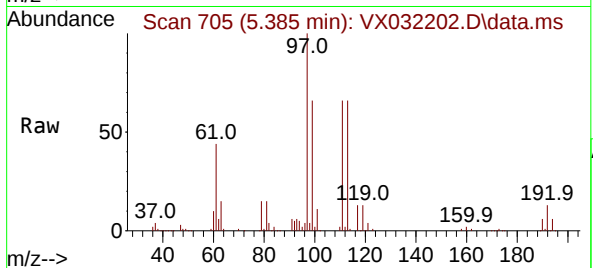
192 19.6 16.7 25.1

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#36

1,1-Dichloropropene

Concen: 95.725 ug/l

RT: 5.696 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

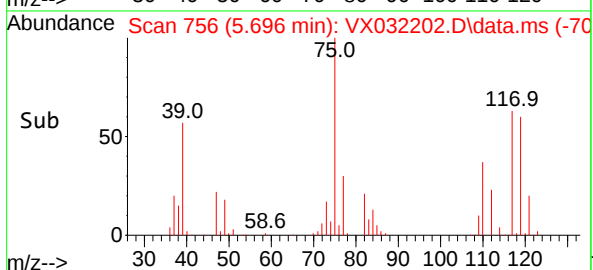
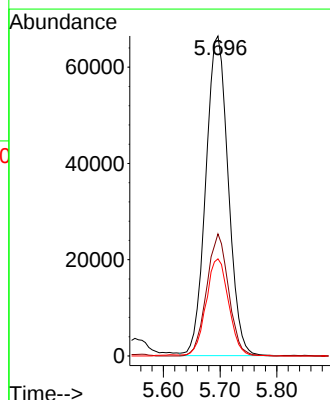
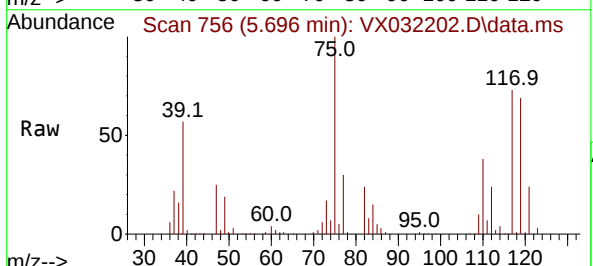
Tgt Ion: 75 Resp: 182409

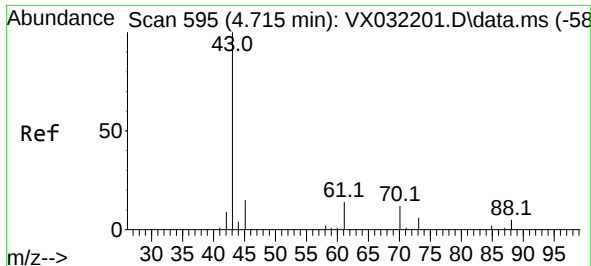
Ion Ratio Lower Upper

75 100

110 37.3 18.1 54.4

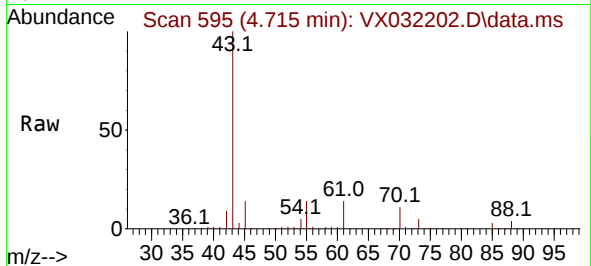
77 30.7 25.3 37.9





#37
Ethyl Acetate
Concen: 81.288 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.018 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

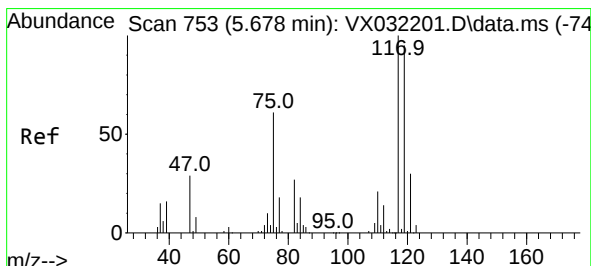
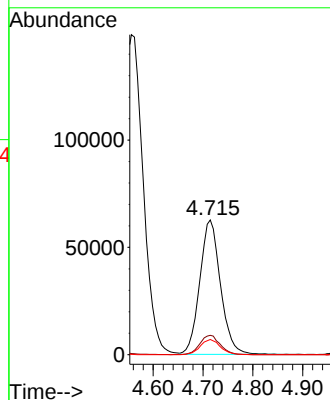
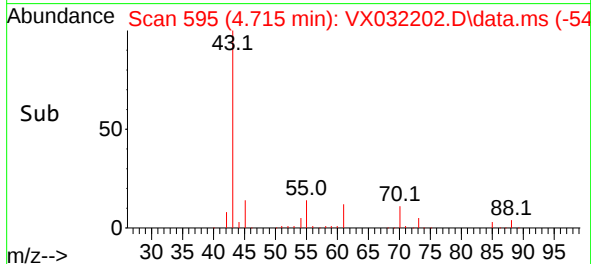
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 180490
Ion Ratio Lower Upper
43 100
61 14.3 12.8 19.2
70 10.9 10.5 15.7

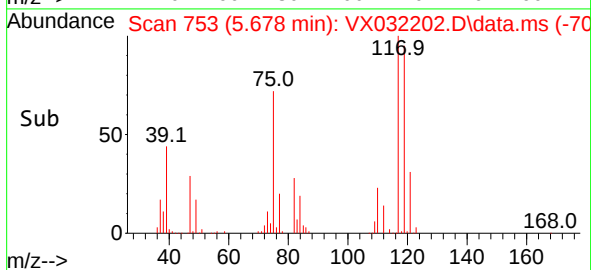
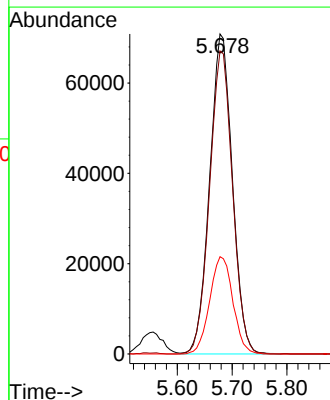
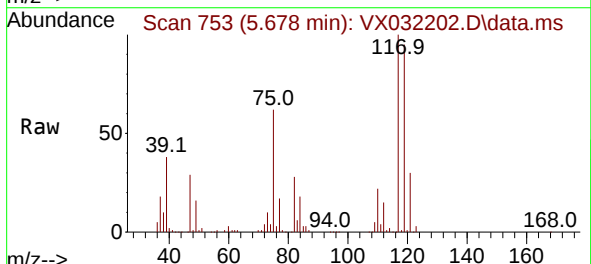
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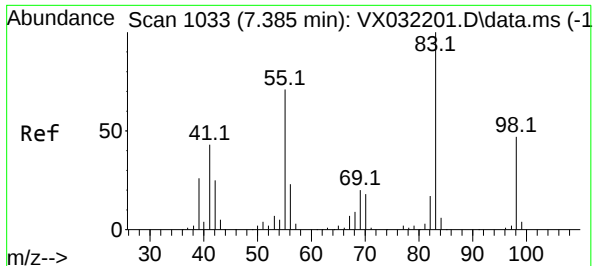
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#38
Carbon Tetrachloride
Concen: 95.053 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Tgt Ion:117 Resp: 203866
Ion Ratio Lower Upper
117 100
119 94.7 76.2 114.2
121 30.4 24.8 37.2





#39

Methylcyclohexane

Concen: 99.911 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 22730

Ion Ratio Lower Upper

83 100

55 72.4 58.9 88.3

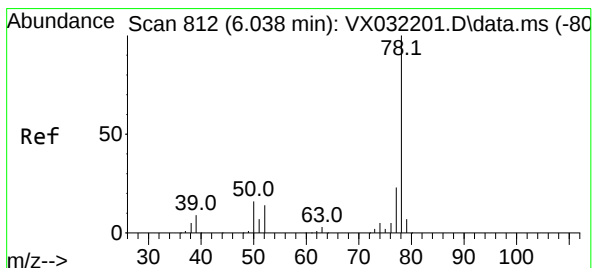
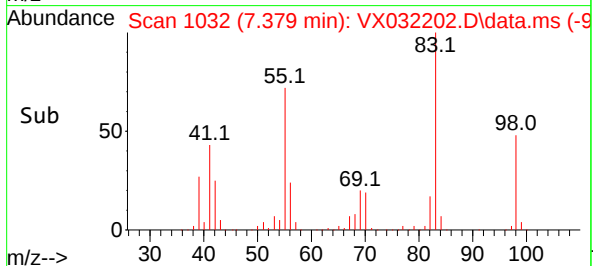
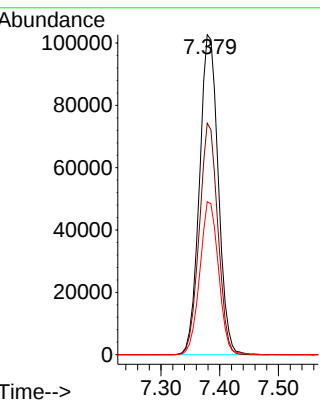
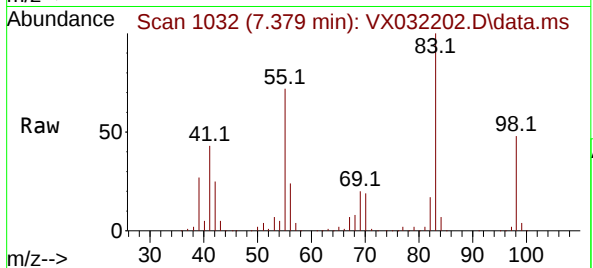
98 47.8 38.1 57.1

Manual Integrations

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Supervised By :Mahesh Dadoda 10/20/2022



#40

Benzene

Concen: 97.170 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.013 min

Lab File: VX032202.D

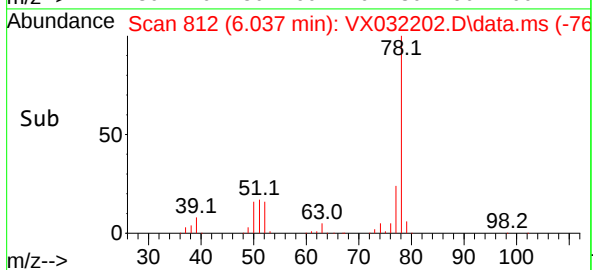
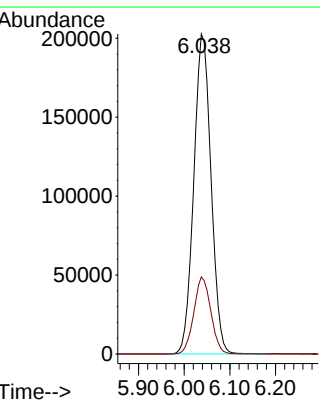
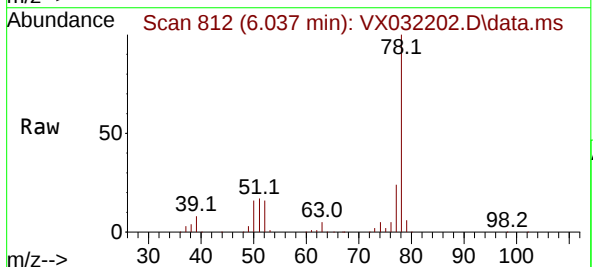
Acq: 19 Oct 2022 12:55

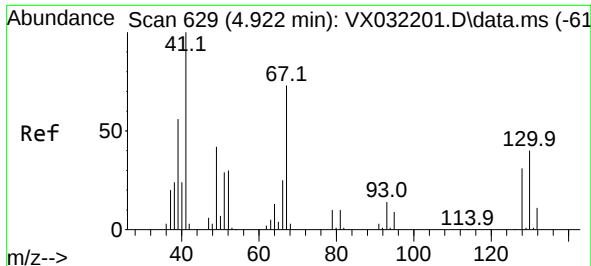
Tgt Ion: 78 Resp: 531067

Ion Ratio Lower Upper

78 100

77 24.1 18.9 28.3





#41
Methacrylonitrile
Concen: 84.563 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

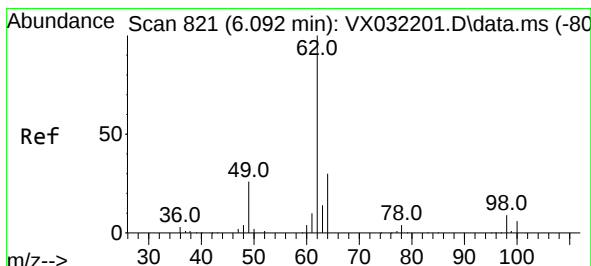
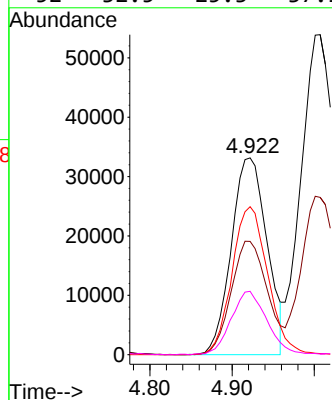
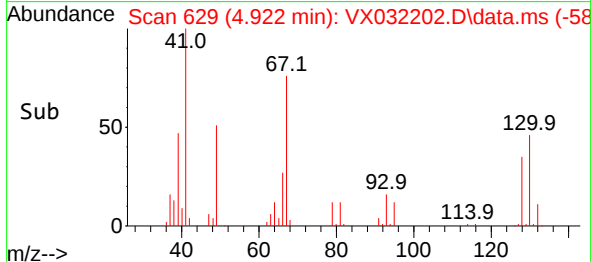
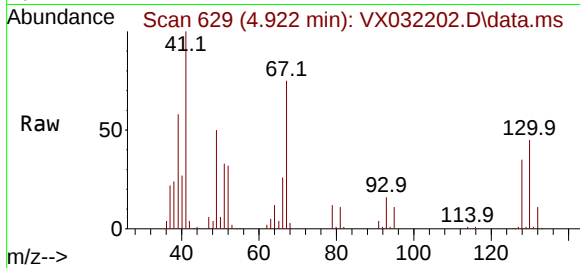
VSTDIC100

Tgt Ion: 41 Resp: 100130
Ion Ratio Lower Upper
41 100
39 59.2 42.5 63.7
67 75.4 65.0 97.6
52 32.5 25.3 37.9

Manual Integrations

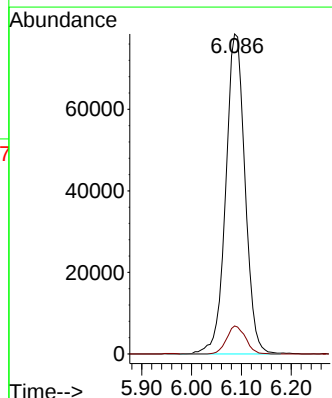
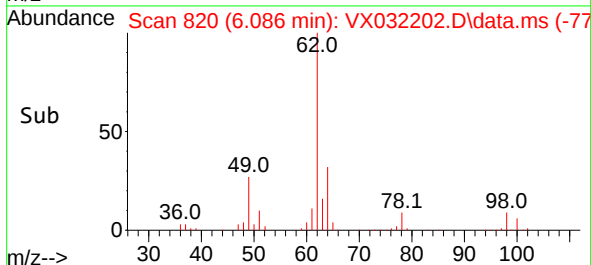
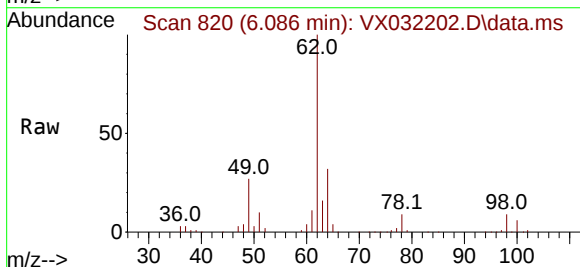
APPROVED

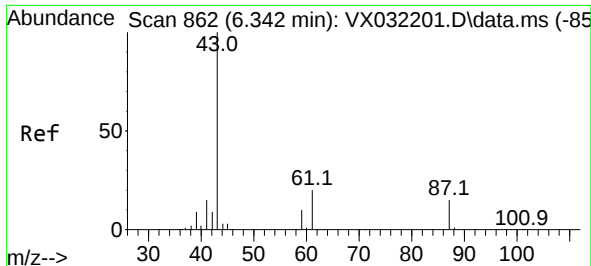
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#42
1,2-Dichloroethane
Concen: 92.414 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.013 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Tgt Ion: 62 Resp: 210612
Ion Ratio Lower Upper
62 100
98 8.6 0.0 20.2





#43

Isopropyl Acetate

Concen: 86.006 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.007 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

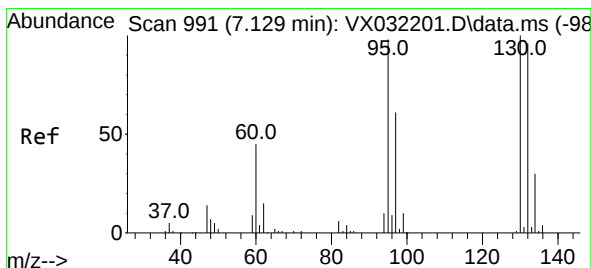
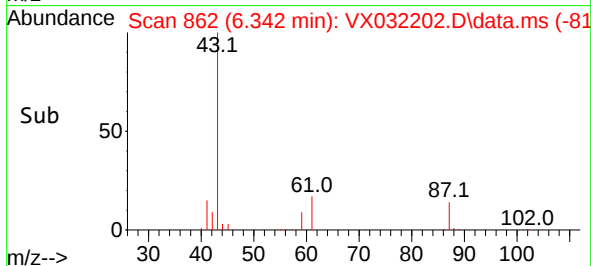
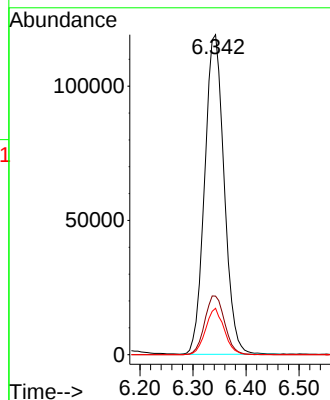
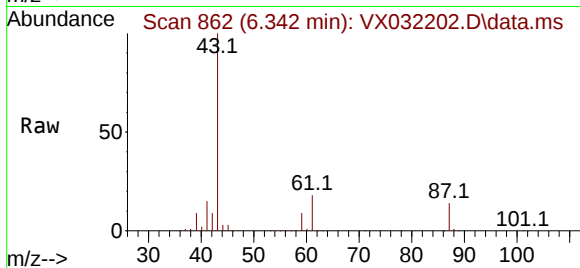
Tgt Ion: 43	Resp: 30398
Ion Ratio	Lower Upper
43 100	
61 18.9	18.2 27.4
87 13.8	12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#44

Trichloroethene

Concen: 95.372 ug/l

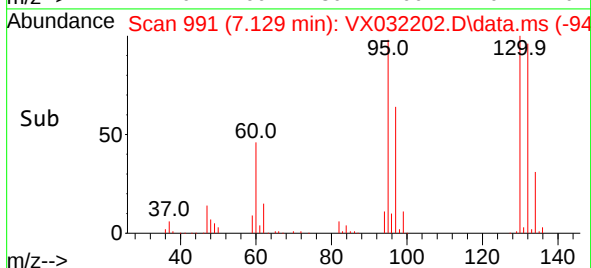
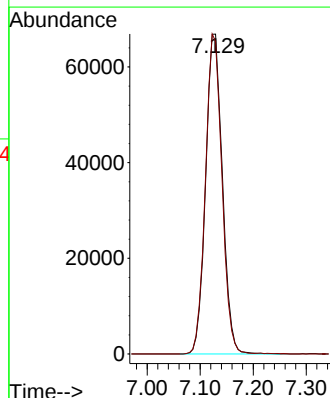
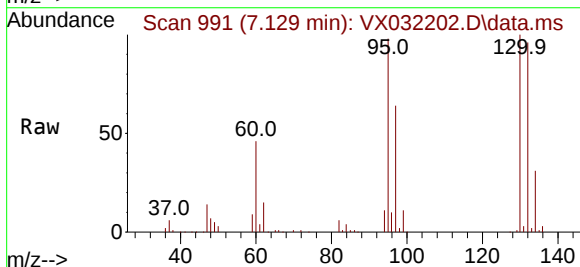
RT: 7.129 min Scan# 991

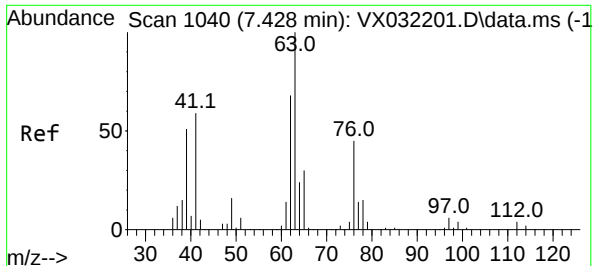
Delta R.T. -0.006 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

Tgt Ion:130	Resp: 146453
Ion Ratio	Lower Upper
130 100	
95 97.7	0.0 198.0





#45

1,2-Dichloropropane

Concen: 95.350 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 13754

Ion Ratio Lower Upper

63 100

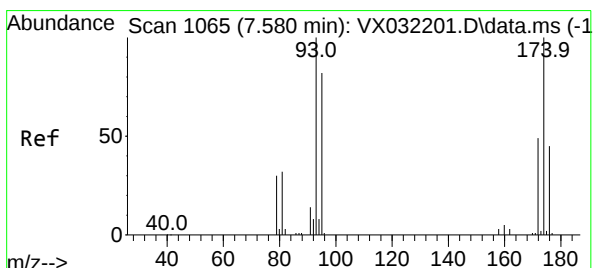
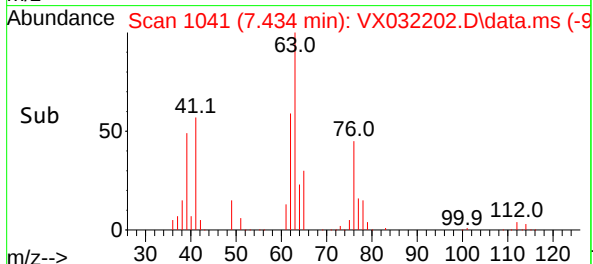
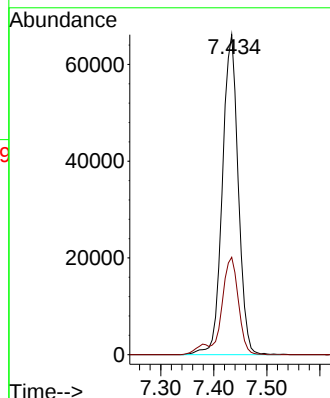
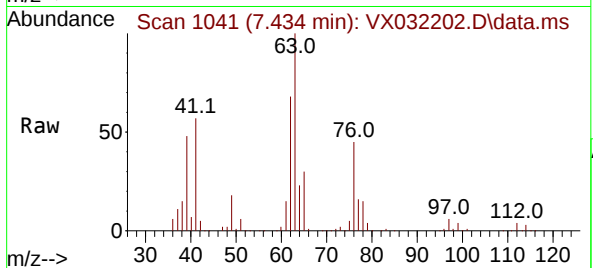
65 30.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#46

Dibromomethane

Concen: 99.402 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

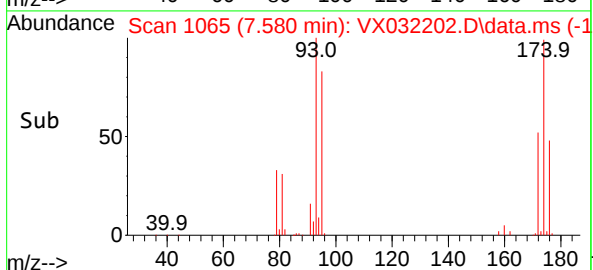
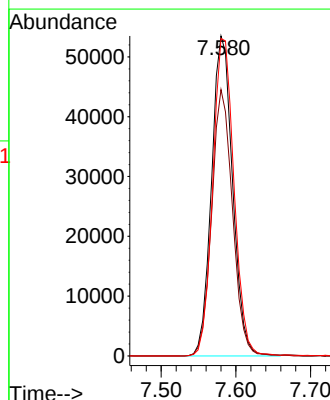
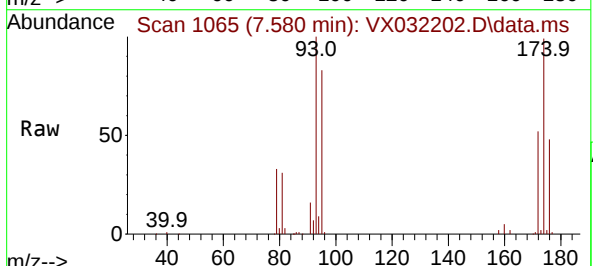
Tgt Ion: 93 Resp: 104957

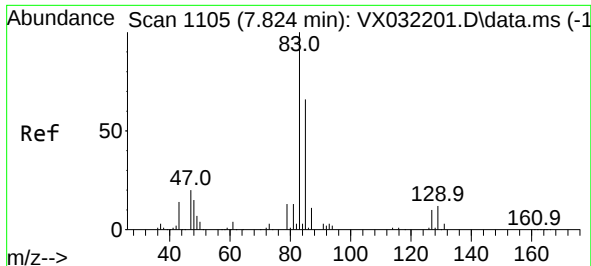
Ion Ratio Lower Upper

93 100

95 82.2 66.8 100.2

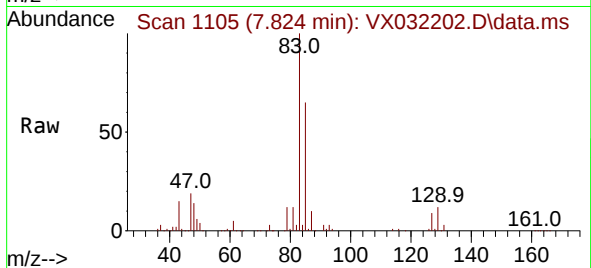
174 100.0 83.1 124.7





#47
Bromodichloromethane
Concen: 102.452 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

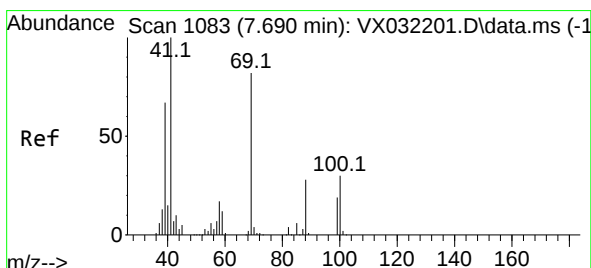
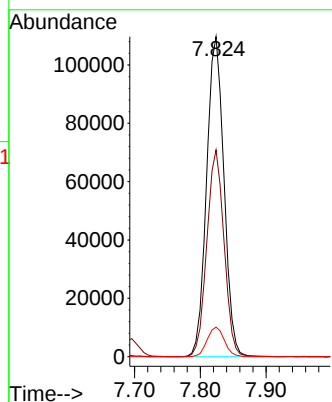
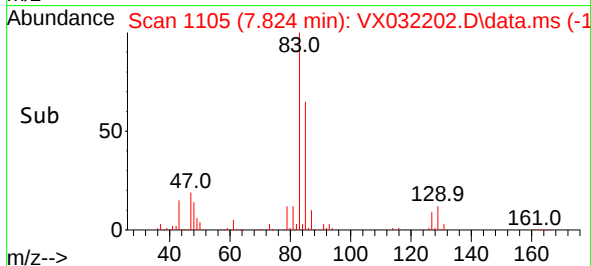
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 20115
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.0
127 9.2 6.8 10.2

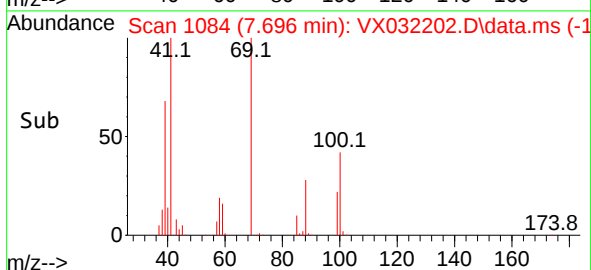
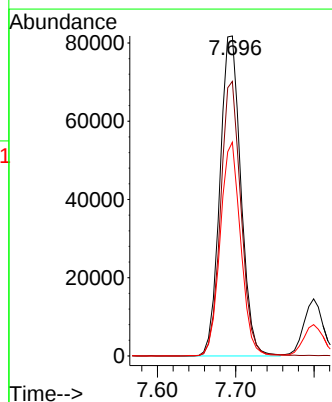
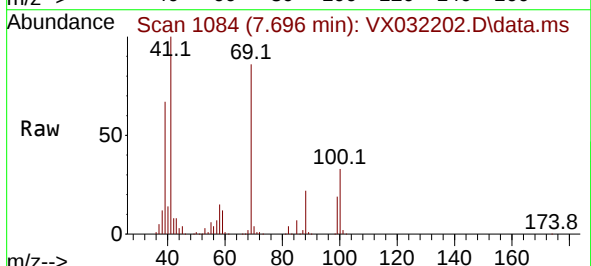
Manual Integrations
APPROVED

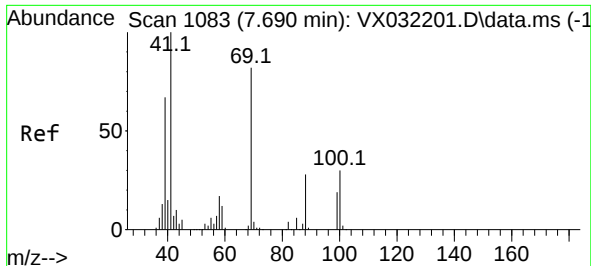
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#48
Methyl methacrylate
Concen: 86.171 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Tgt Ion: 41 Resp: 151966
Ion Ratio Lower Upper
41 100
69 83.5 76.0 114.0
39 65.4 44.6 67.0





#49

1,4-Dioxane

Concen: 1433.669 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.025 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

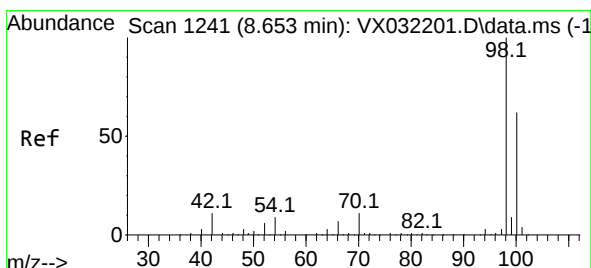
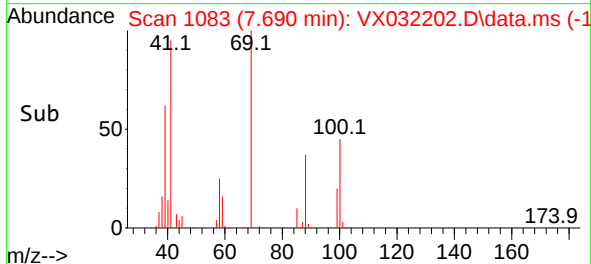
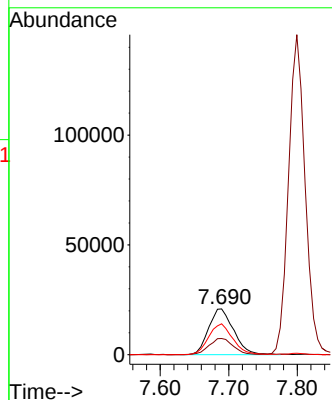
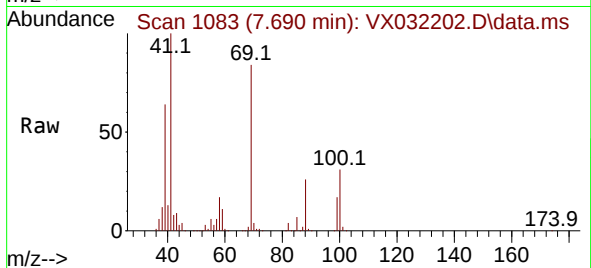
Tgt Ion: 88 Resp: 52940
 Ion Ratio Lower Upper
 88 100
 43 34.4 23.2 34.8
 58 65.0 55.0 82.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#50

Toluene-d8

Concen: 99.734 ug/l

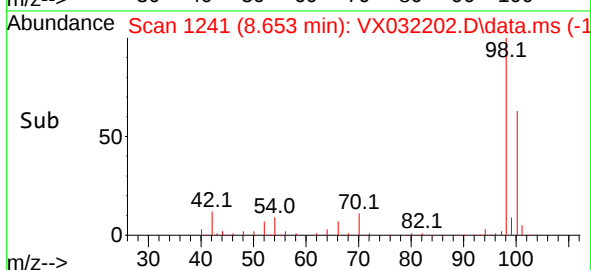
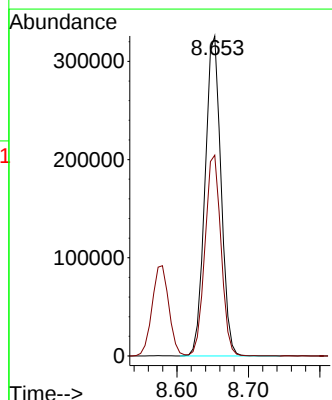
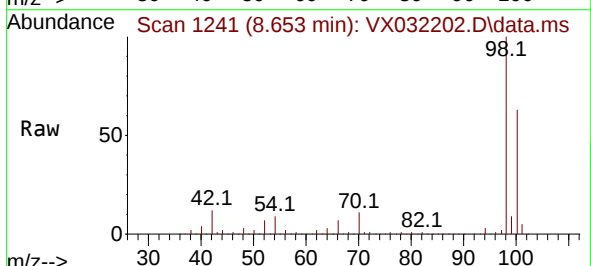
RT: 8.653 min Scan# 1241

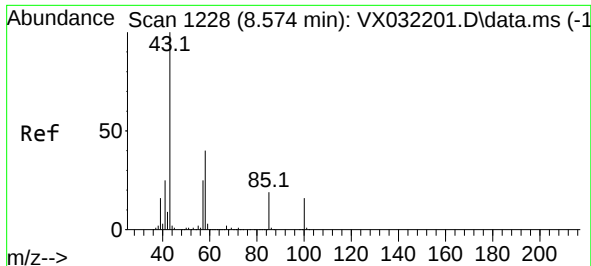
Delta R.T. -0.000 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

Tgt Ion: 98 Resp: 505013
 Ion Ratio Lower Upper
 98 100
 100 63.0 51.9 77.9





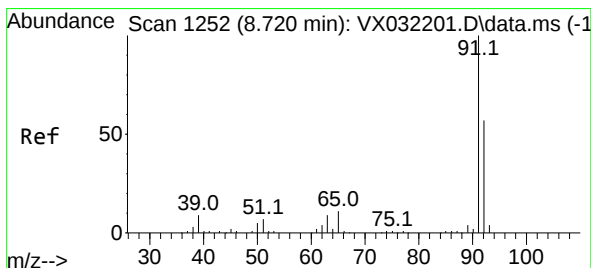
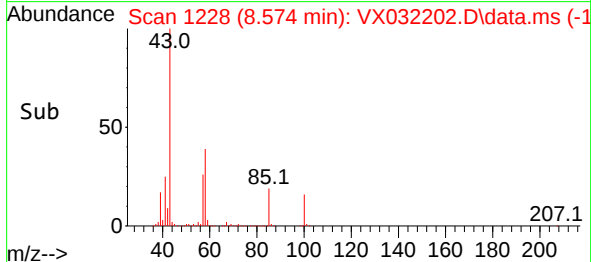
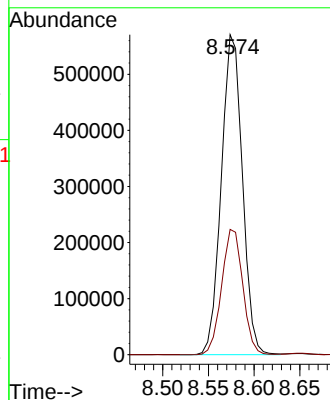
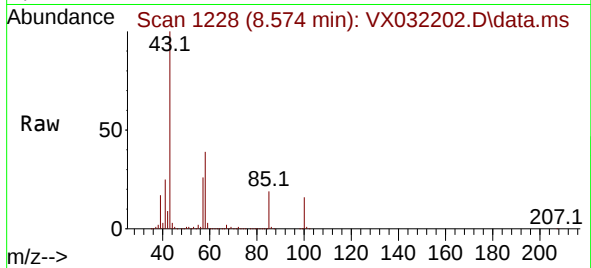
#51
4-Methyl-2-Pentanone
Concen: 407.019 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 91671
Ion Ratio Lower Upper
43 100
58 39.3 35.4 53.0

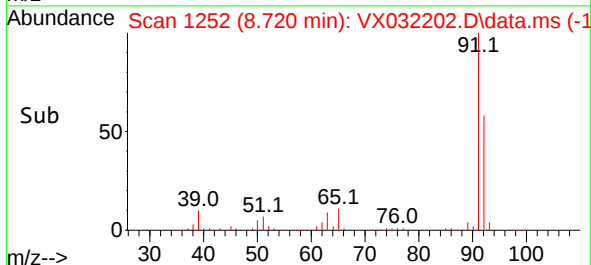
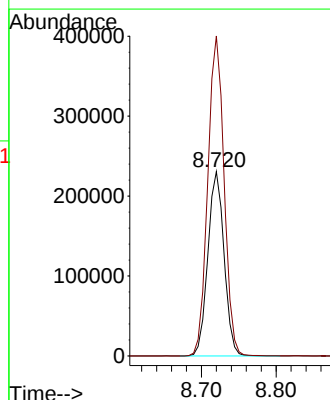
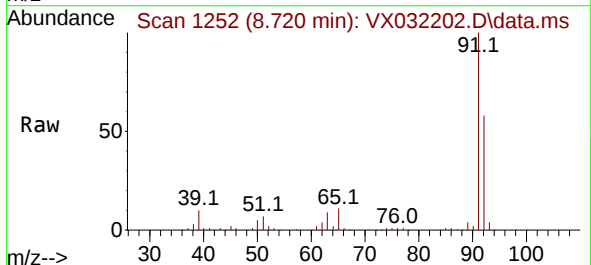
Manual Integrations
APPROVED

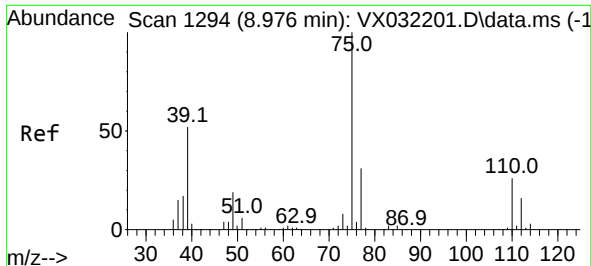
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#52
Toluene
Concen: 97.004 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Tgt Ion: 92 Resp: 347472
Ion Ratio Lower Upper
92 100
91 174.6 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 96.765 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 21545

Ion Ratio Lower Upper

75 100

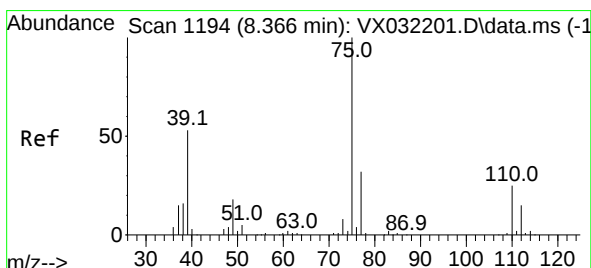
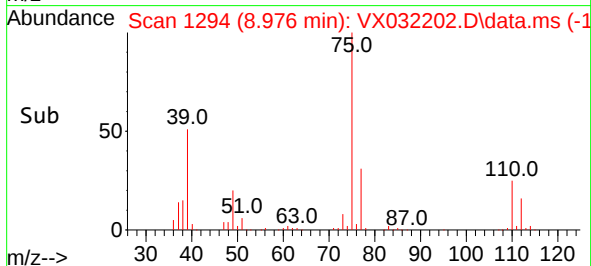
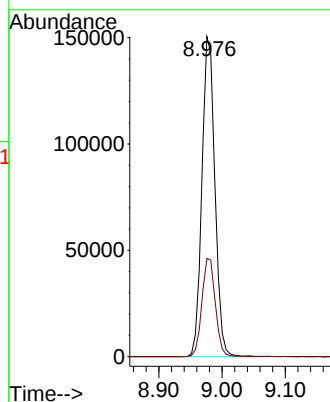
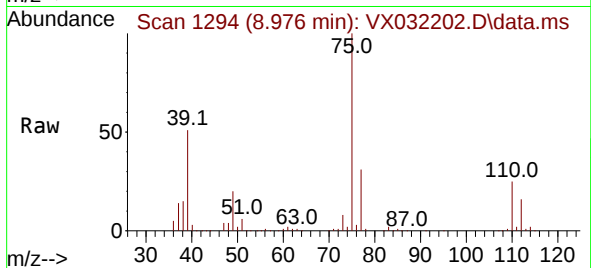
77 30.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#54

cis-1,3-Dichloropropene

Concen: 99.536 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.007 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

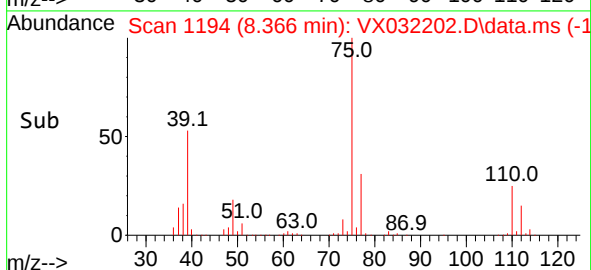
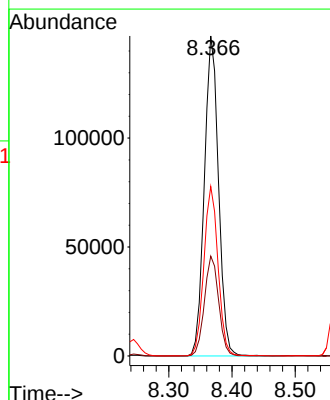
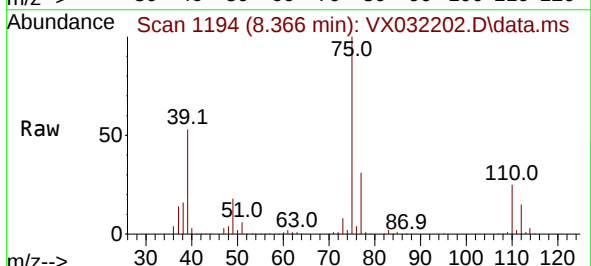
Tgt Ion: 75 Resp: 229345

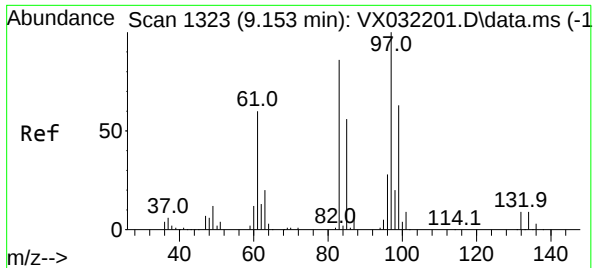
Ion Ratio Lower Upper

75 100

77 31.2 25.7 38.5

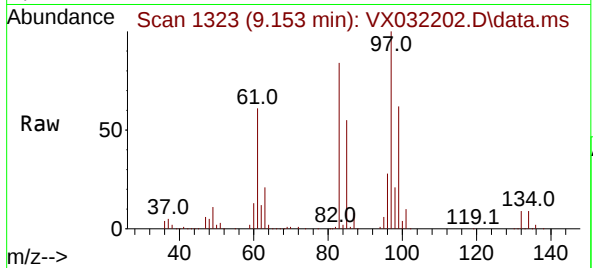
39 52.9 35.1 52.7#





#55
1,1,2-Trichloroethane
Concen: 94.879 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

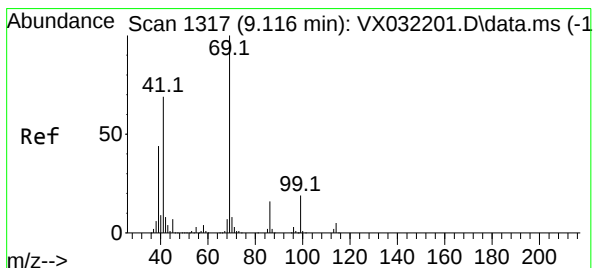
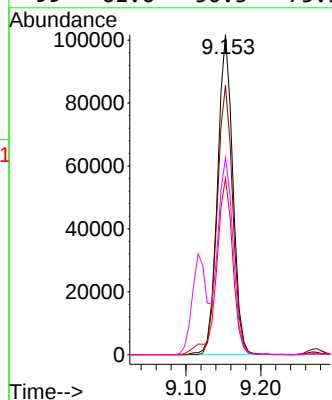
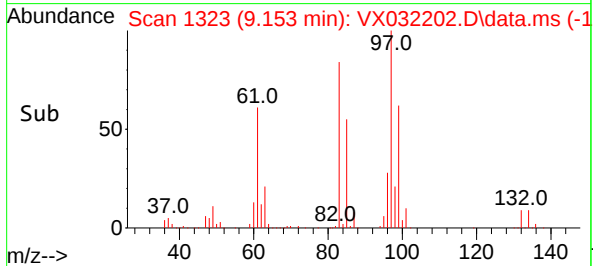
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



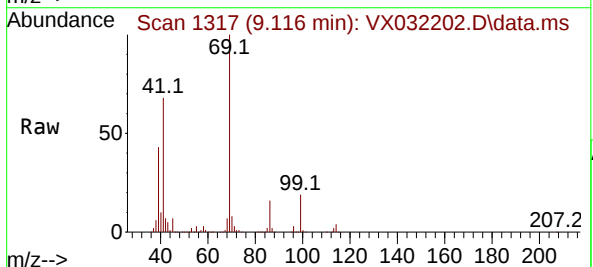
Tgt Ion: 97 Resp: 14474
Ion Ratio Lower Upper
97 100
83 84.1 69.3 103.9
85 55.1 44.3 66.5
99 61.6 50.3 75.5

Manual Integrations
APPROVED

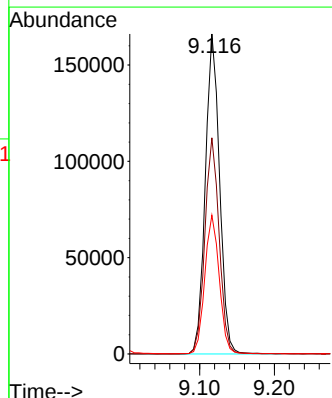
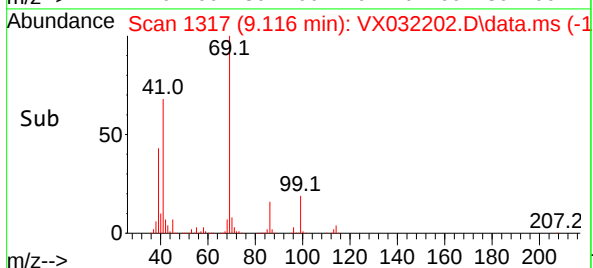
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

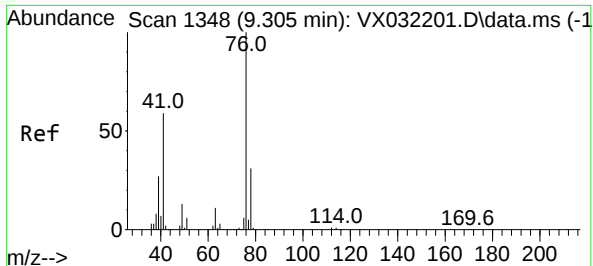


#56
Ethyl methacrylate
Concen: 96.341 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55



Tgt Ion: 69 Resp: 220376
Ion Ratio Lower Upper
69 100
41 68.0 46.8 70.2
39 43.9 24.7 37.1#





#57

1,3-Dichloropropane

Concen: 94.018 ug/l

RT: 9.311 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 23358

Ion Ratio Lower Upper

76 100

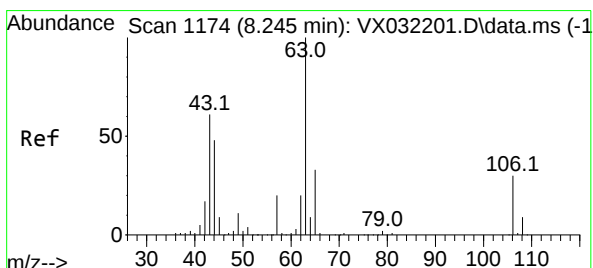
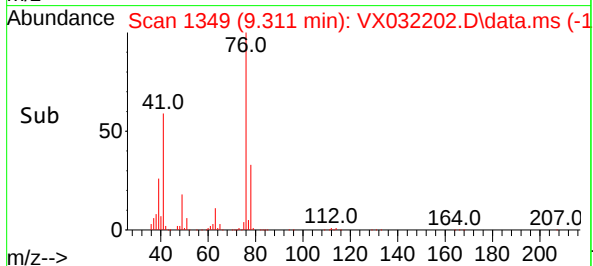
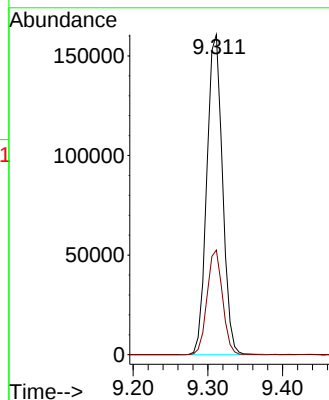
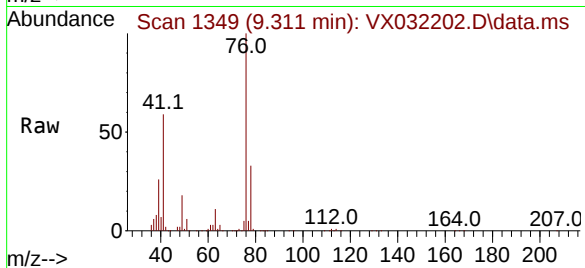
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 433.433 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.007 min

Lab File: VX032202.D

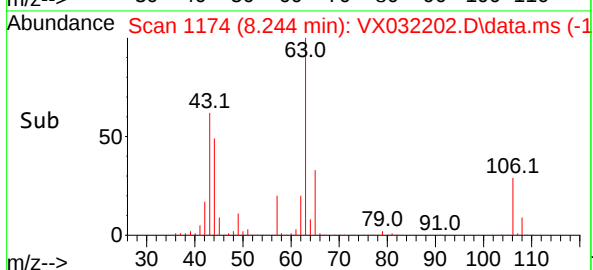
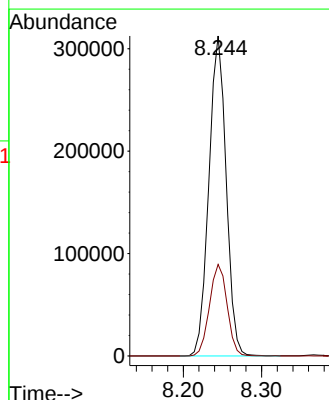
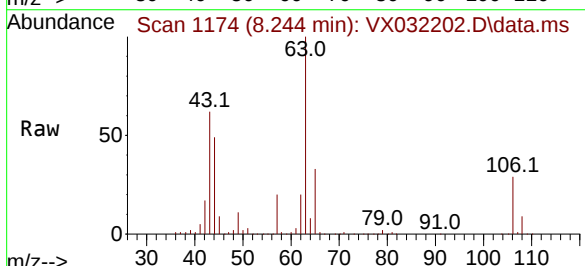
Acq: 19 Oct 2022 12:55

Tgt Ion: 63 Resp: 478508

Ion Ratio Lower Upper

63 100

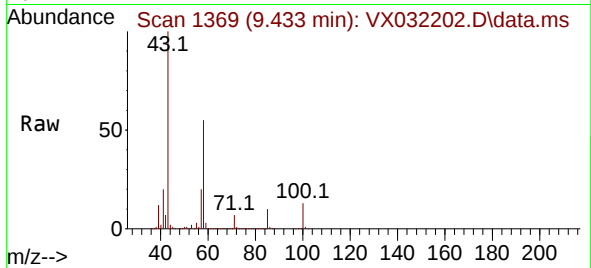
106 29.1 23.5 35.3





#59
2-Hexanone
Concen: 386.983 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

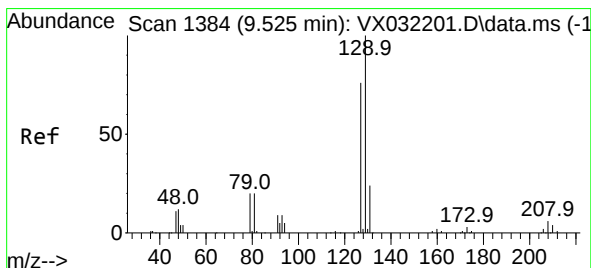
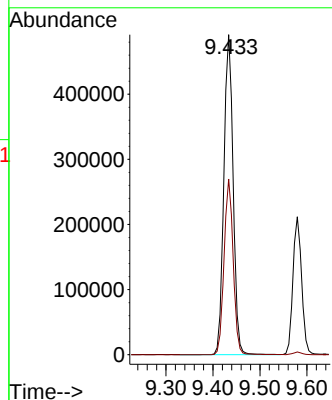
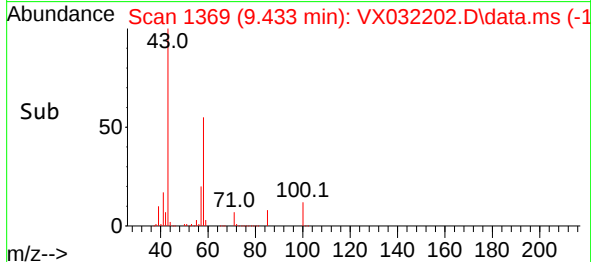
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 67914
Ion Ratio Lower Upper
43 100
58 53.8 30.9 92.8

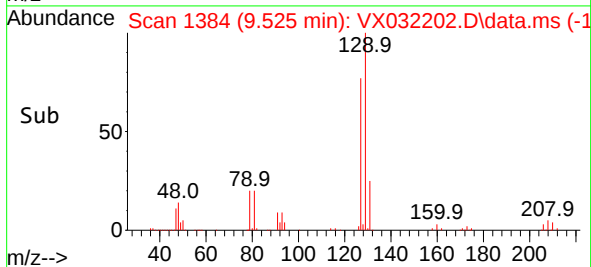
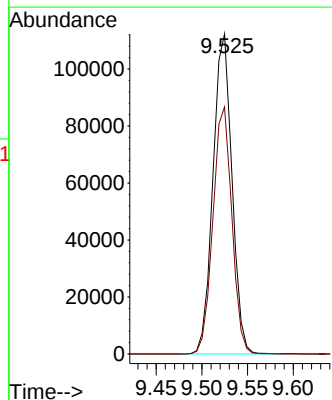
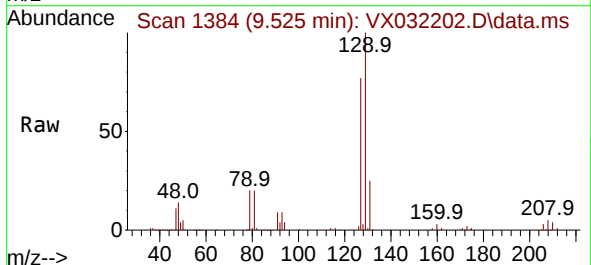
Manual Integrations
APPROVED

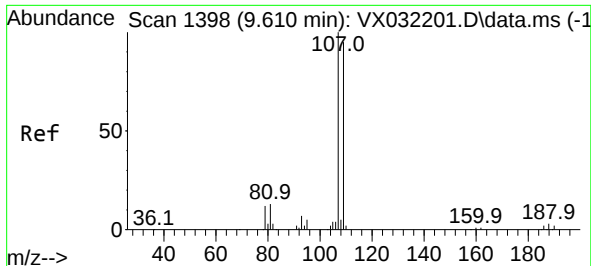
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#60
Dibromochloromethane
Concen: 104.966 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Tgt Ion:129 Resp: 161643
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2





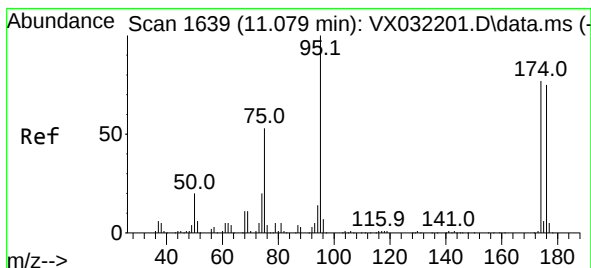
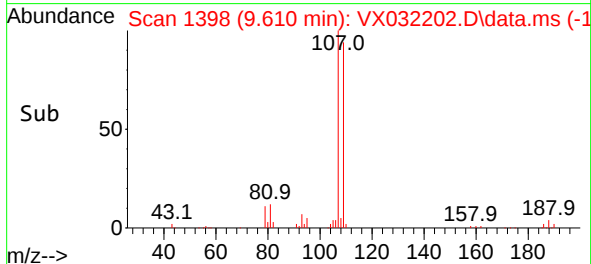
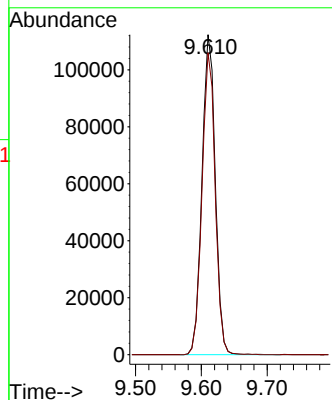
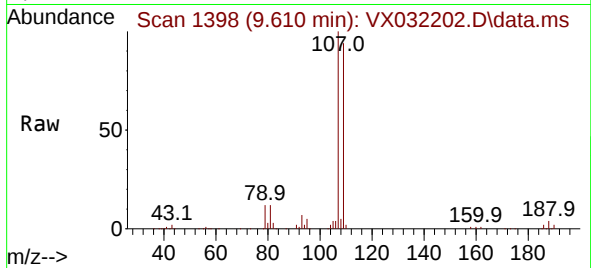
#61
1,2-Dibromoethane
Concen: 97.065 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:107 Resp: 15778
Ion Ratio Lower Upper
107 100
109 93.5 75.8 113.6

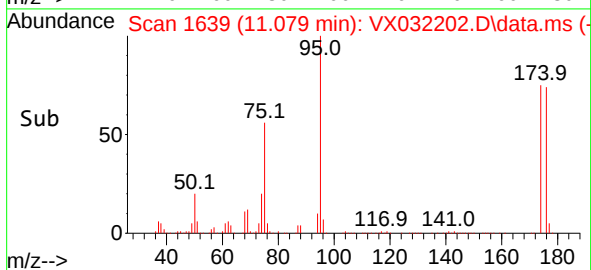
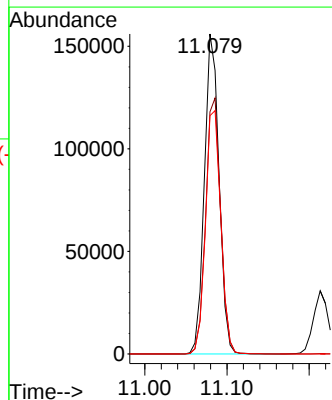
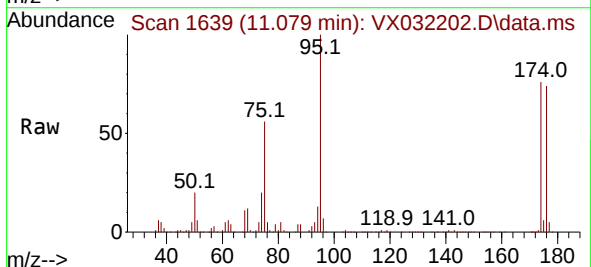
Manual Integrations
APPROVED

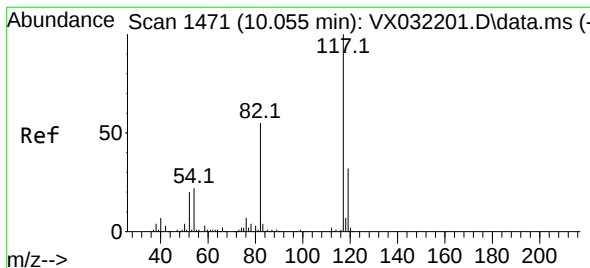
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#62
4-Bromofluorobenzene
Concen: 97.977 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

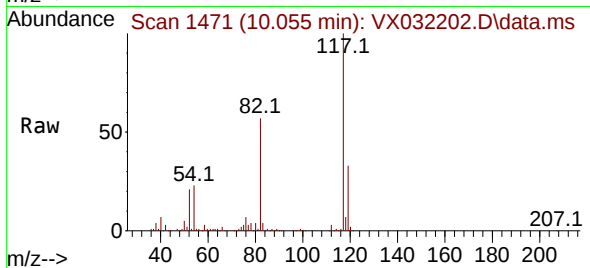
Tgt Ion: 95 Resp: 193073
Ion Ratio Lower Upper
95 100
174 81.9 0.0 154.6
176 79.4 0.0 155.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

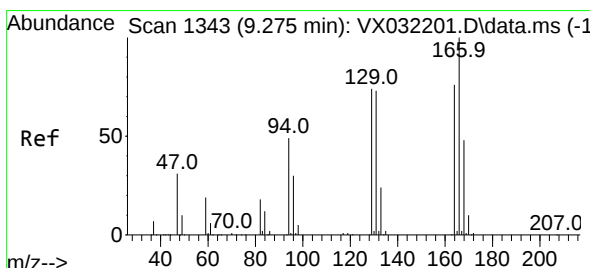
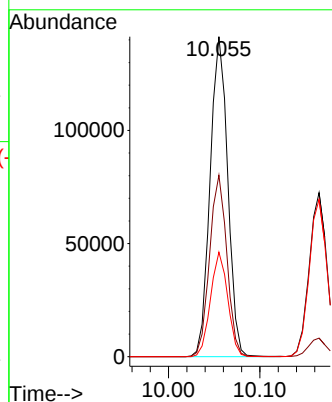
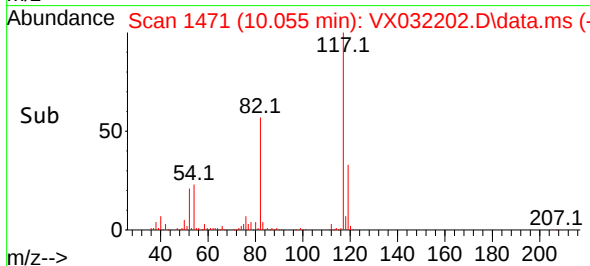
Instrument : MSVOA_X
ClientSampleId : VSTDIC100



Tgt Ion:117 Resp: 188910
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 32.7 26.6 39.8

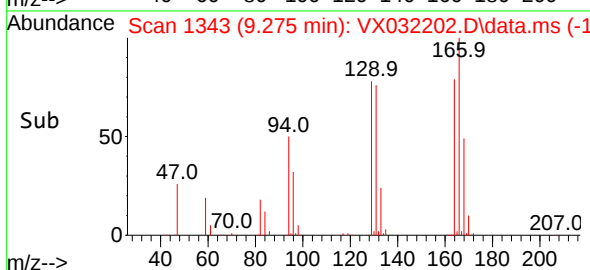
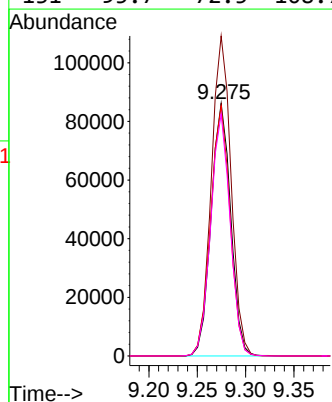
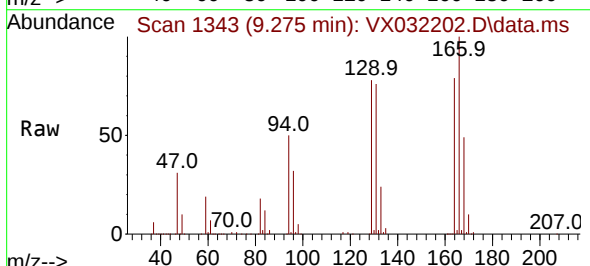
Manual Integrations
APPROVED

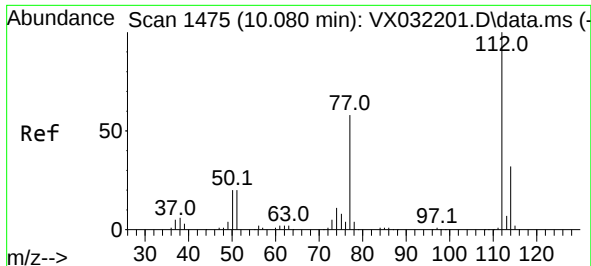
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#64
Tetrachloroethene
Concen: 83.106 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Tgt Ion:164 Resp: 121623
Ion Ratio Lower Upper
164 100
166 126.7 103.4 155.2
129 99.1 70.8 106.2
131 95.7 72.5 108.7





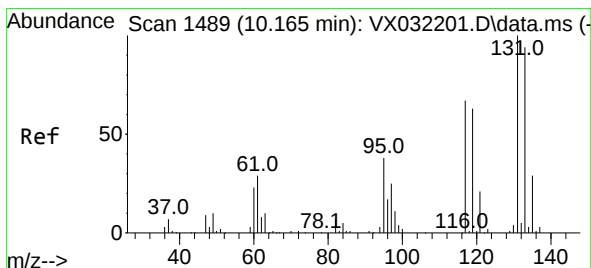
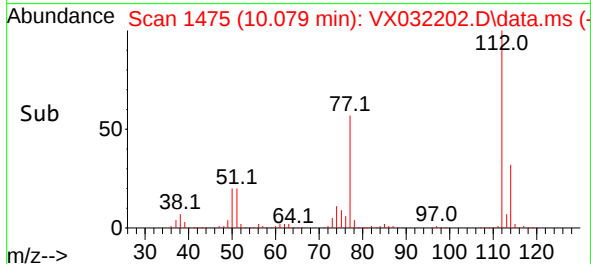
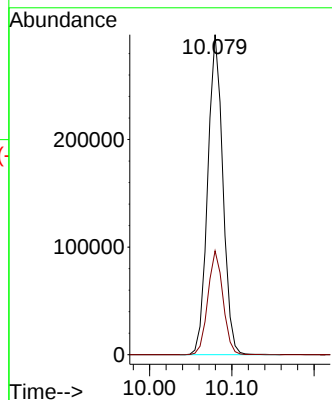
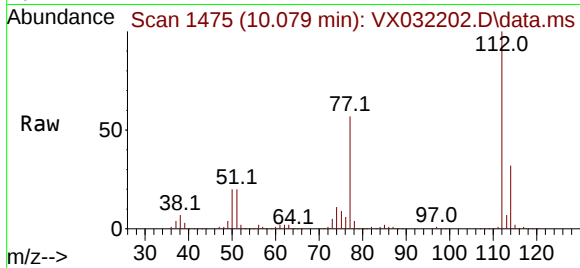
#65
Chlorobenzene
Concen: 97.701 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.007 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 379714
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

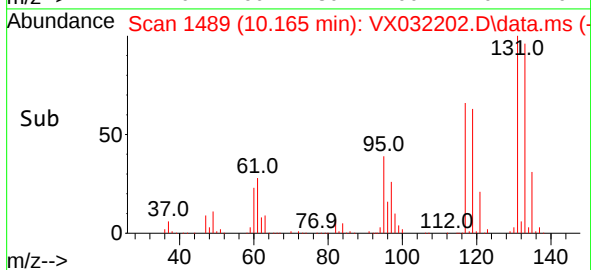
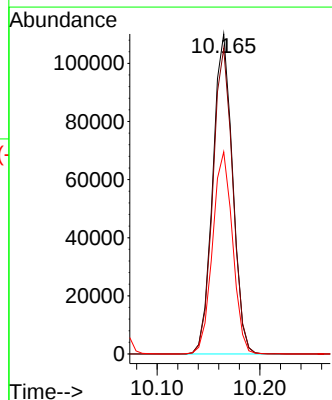
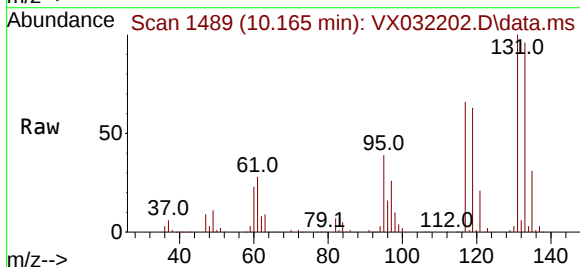
Manual Integrations
APPROVED

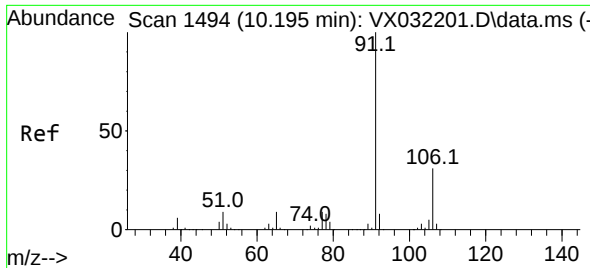
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 102.141 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

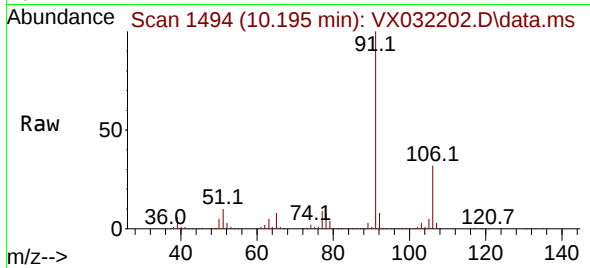
Tgt Ion:131 Resp: 147124
Ion Ratio Lower Upper
131 100
133 96.0 47.7 143.1
119 63.8 32.1 96.5





#67
Ethyl Benzene
Concen: 101.177 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

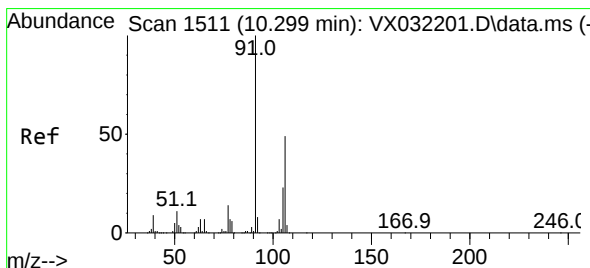
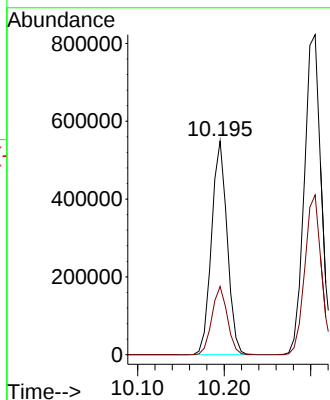
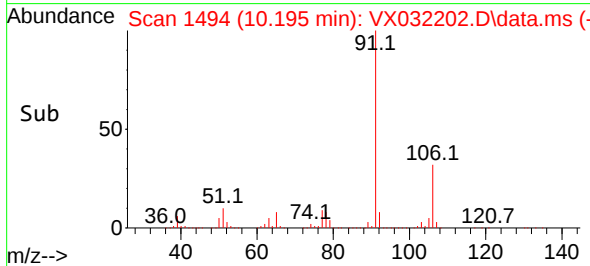
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



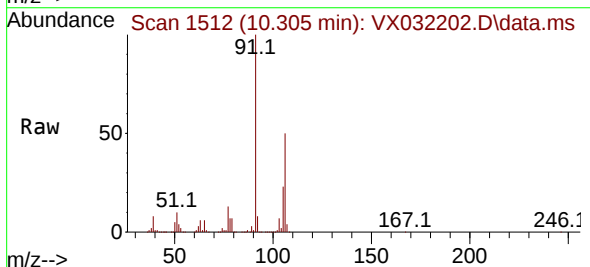
Tgt Ion: 91 Resp: 68787
Ion Ratio Lower Upper
91 100
106 31.9 24.6 37.0

Manual Integrations
APPROVED

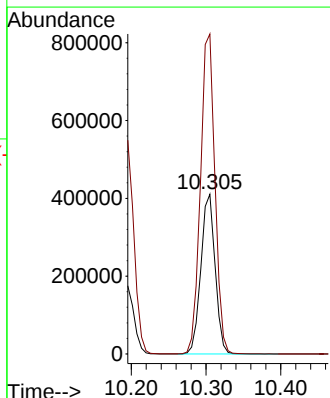
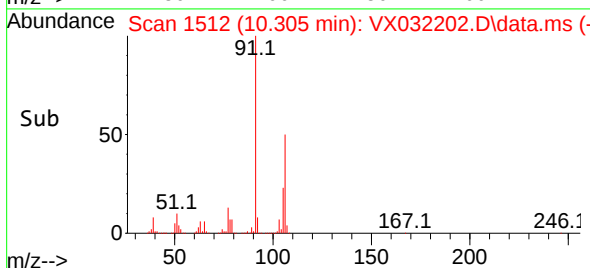
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

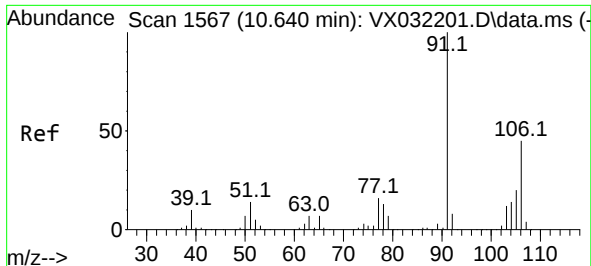


#68
m/p-Xylenes
Concen: 208.517 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55



Tgt Ion:106 Resp: 542743
Ion Ratio Lower Upper
106 100
91 204.0 162.8 244.2





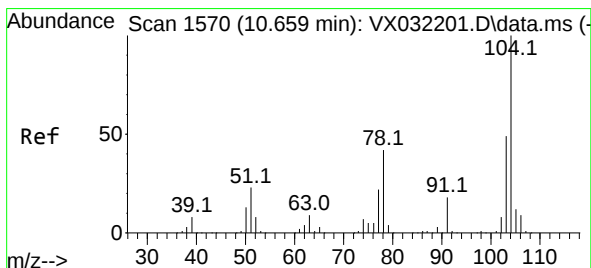
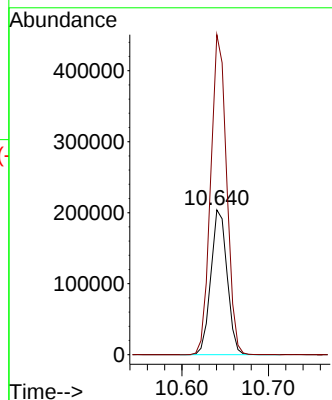
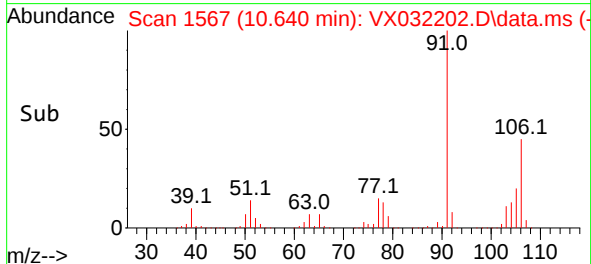
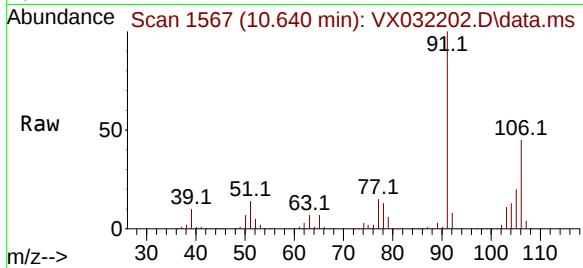
#69
o-Xylene
Concen: 102.317 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.007 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 26584
Ion Ratio Lower Upper
106 100
91 217.2 108.1 324.2

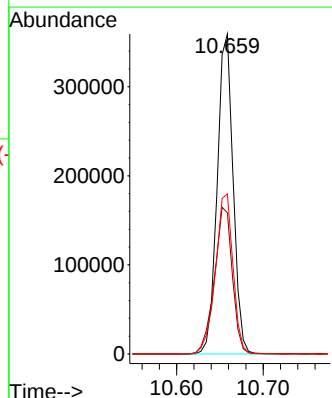
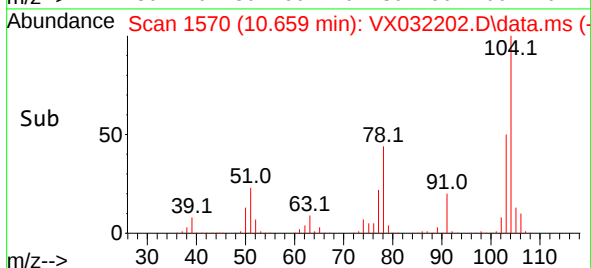
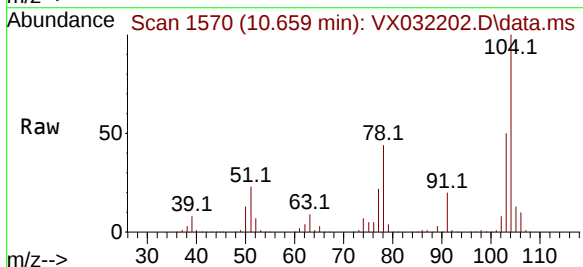
Manual Integrations
APPROVED

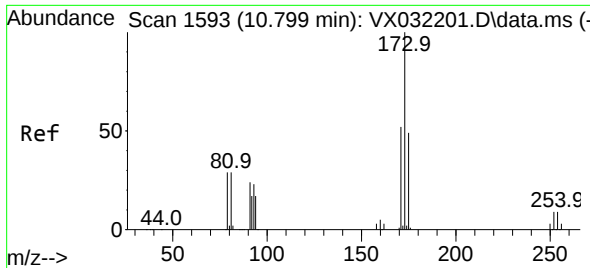
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#70
Styrene
Concen: 108.774 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

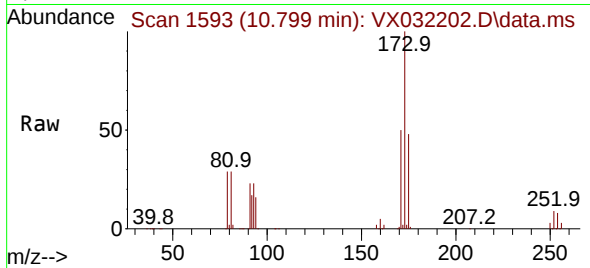
Tgt Ion:104 Resp: 458478
Ion Ratio Lower Upper
104 100
78 51.7 40.0 60.0
103 55.1 43.4 65.0





#71
Bromoform
Concen: 109.989 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

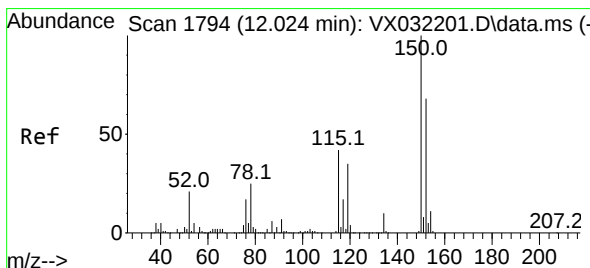
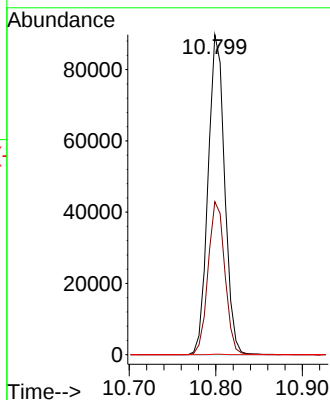
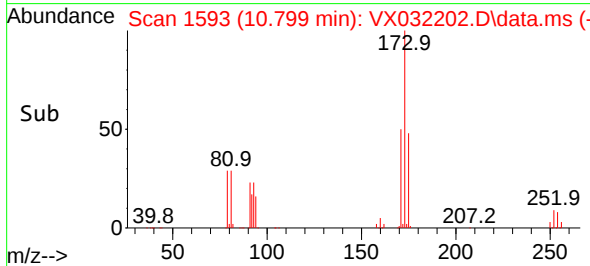
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



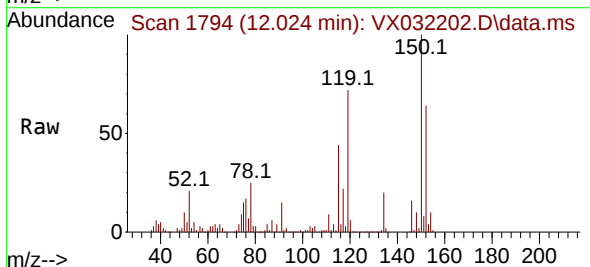
Tgt Ion:173 Resp: 11928
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.8
254 0.1 0.1 0.1

Manual Integrations
APPROVED

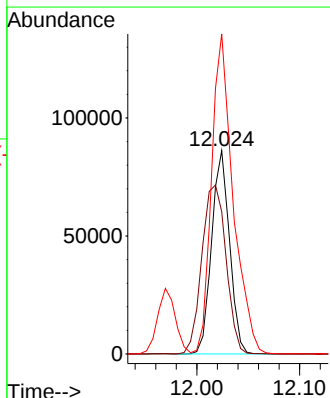
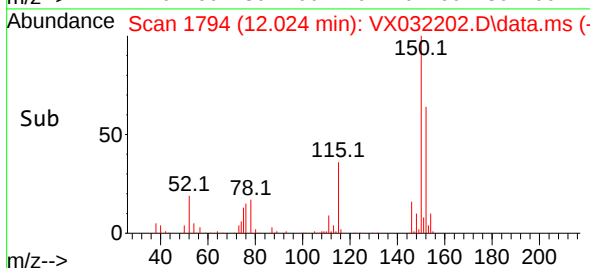
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

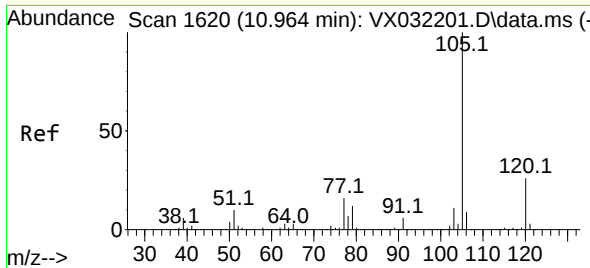


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55



Tgt Ion:152 Resp: 103967
Ion Ratio Lower Upper
152 100
115 112.5 41.1 123.3
150 189.4 0.0 349.0





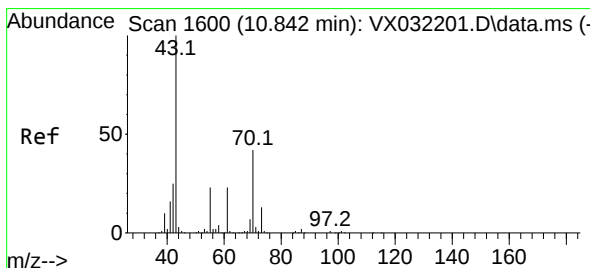
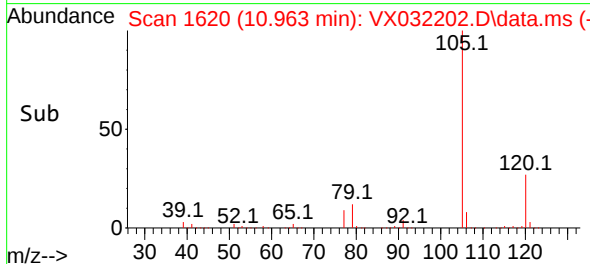
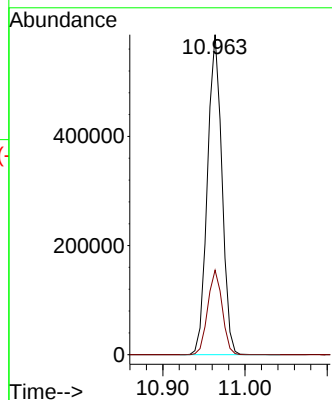
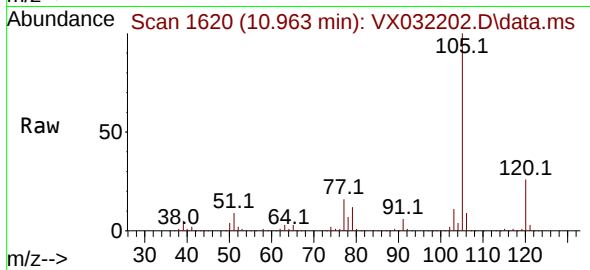
#73
Isopropylbenzene
Concen: 92.550 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 716538
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6

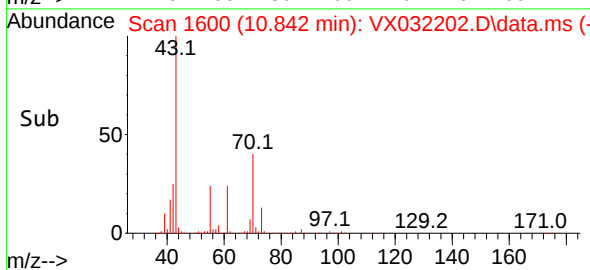
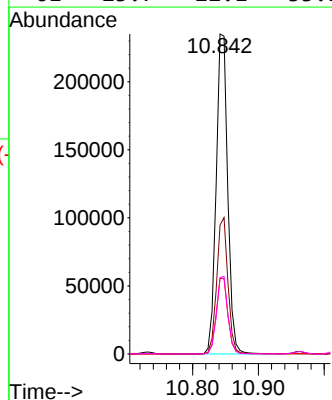
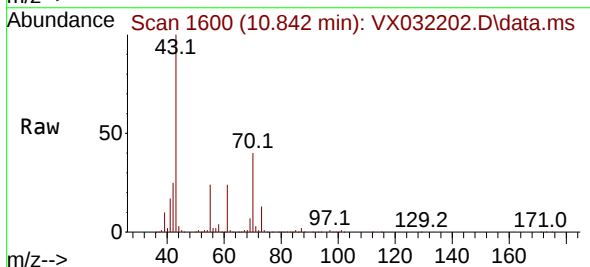
Manual Integrations
APPROVED

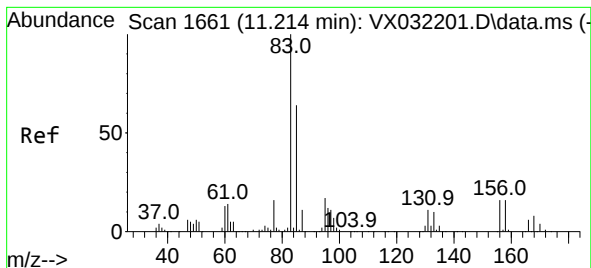
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#74
N-ethyl acetate
Concen: 88.268 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Tgt Ion: 43 Resp: 287682
Ion Ratio Lower Upper
43 100
70 41.5 39.0 58.6
55 23.8 21.5 32.3
61 23.7 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 89.858 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.001 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 225068

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.2

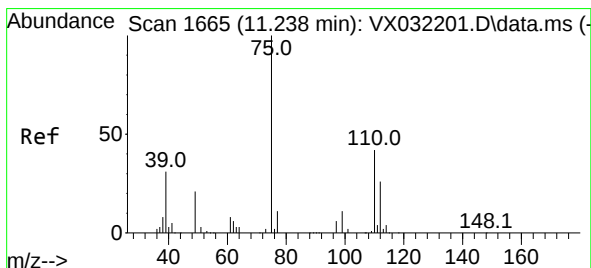
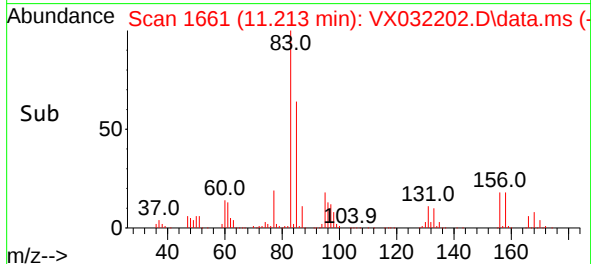
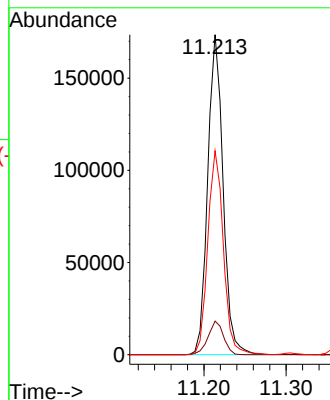
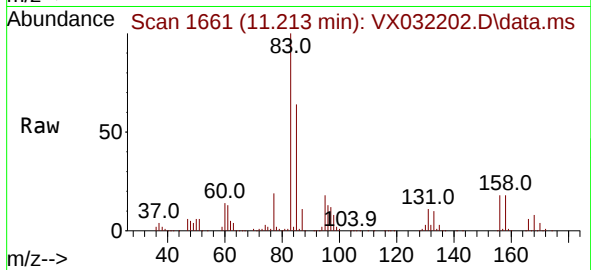
85 64.6 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#76

1,2,3-Trichloropropane

Concen: 81.708 ug/l m

RT: 11.244 min Scan# 1666

Delta R.T. -0.000 min

Lab File: VX032202.D

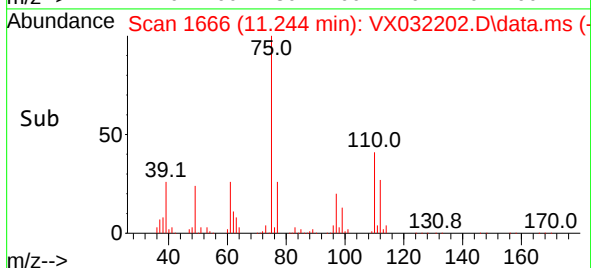
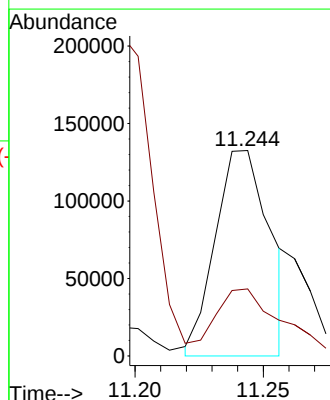
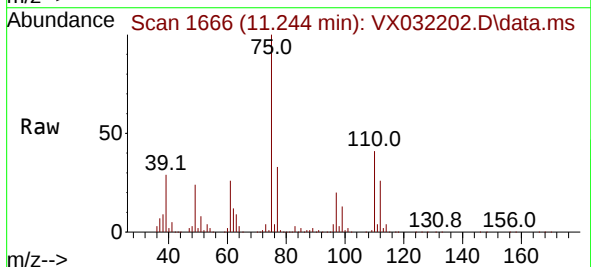
Acq: 19 Oct 2022 12:55

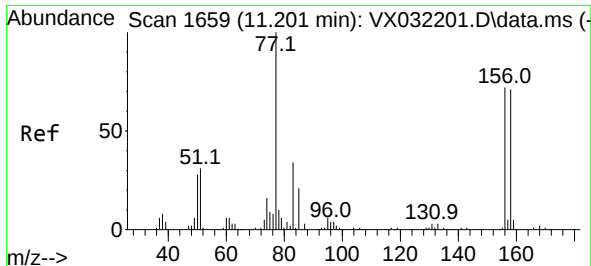
Tgt Ion: 75 Resp: 195332

Ion Ratio Lower Upper

75 100

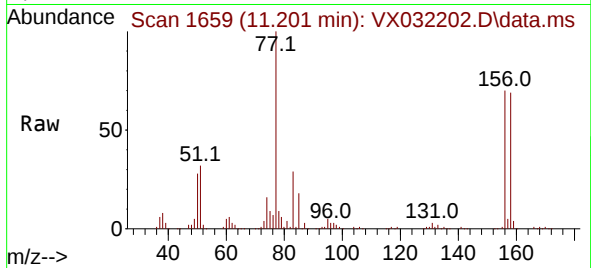
77 40.2 19.1 57.5





#77
Bromobenzene
Concen: 89.852 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

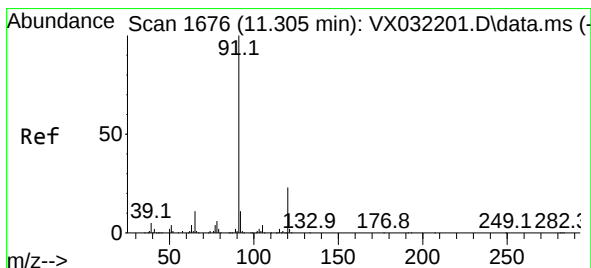
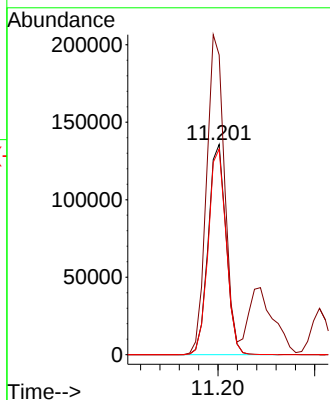
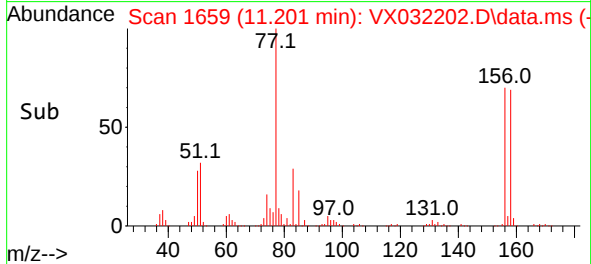
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



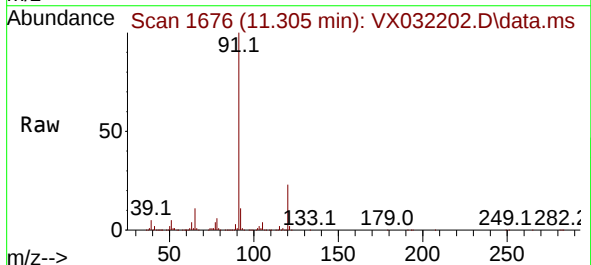
Tgt Ion:156 Resp: 174833
Ion Ratio Lower Upper
156 100
77 152.2 82.8 248.6
158 97.9 49.1 147.4

Manual Integrations
APPROVED

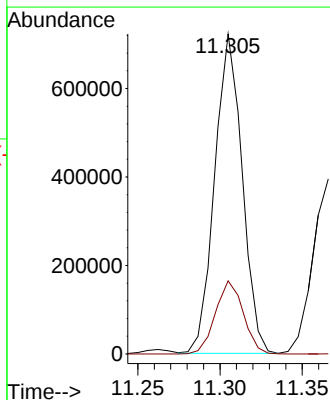
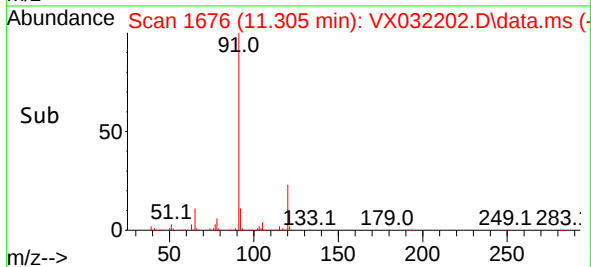
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

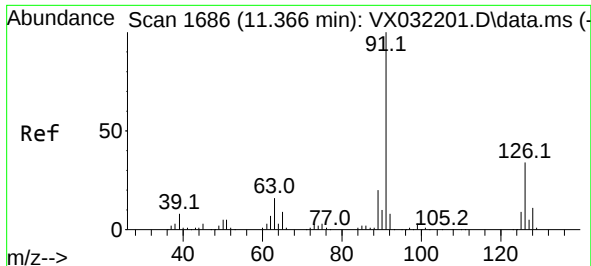


#78
n-propylbenzene
Concen: 95.908 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55



Tgt Ion: 91 Resp: 838837
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5





#79

2-Chlorotoluene

Concen: 89.551 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 486508

Ion Ratio Lower Upper

91 100

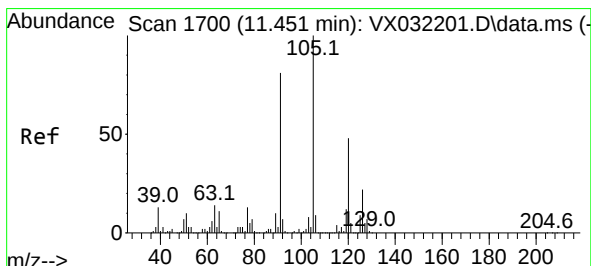
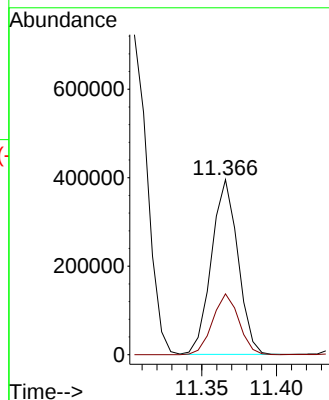
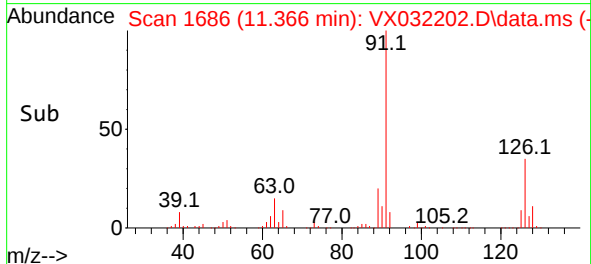
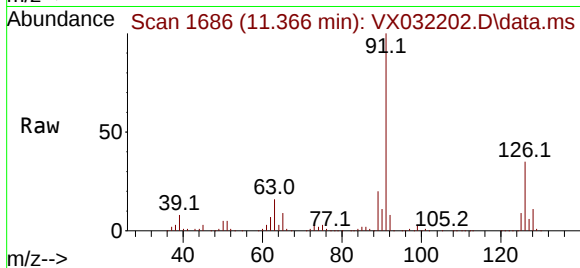
126 34.5 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#80

1,3,5-Trimethylbenzene

Concen: 99.088 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VX032202.D

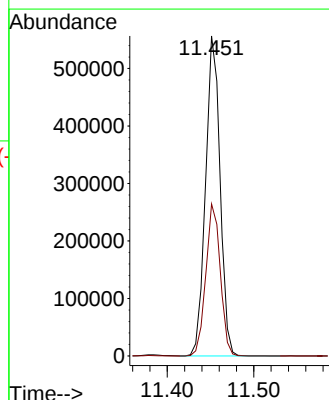
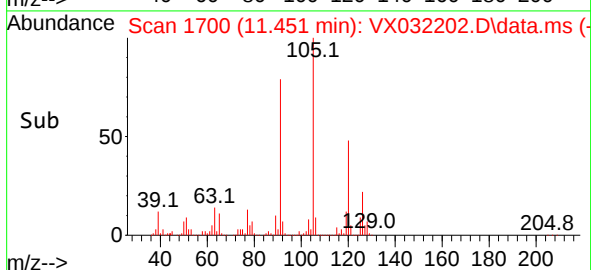
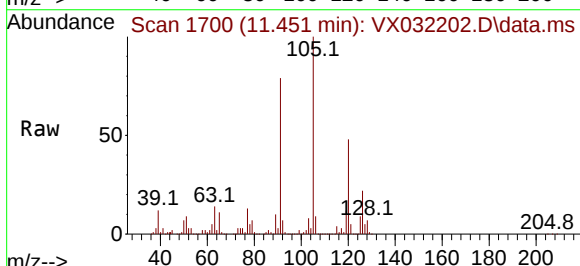
Acq: 19 Oct 2022 12:55

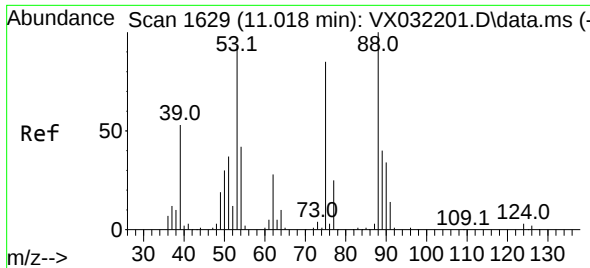
Tgt Ion:105 Resp: 646652

Ion Ratio Lower Upper

105 100

120 47.5 23.8 71.5





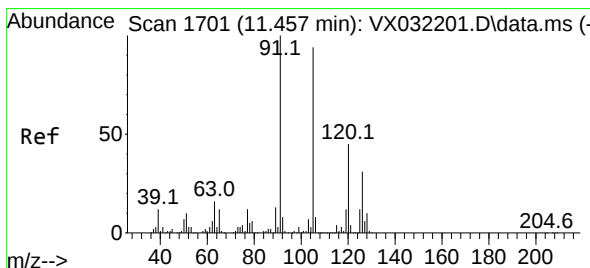
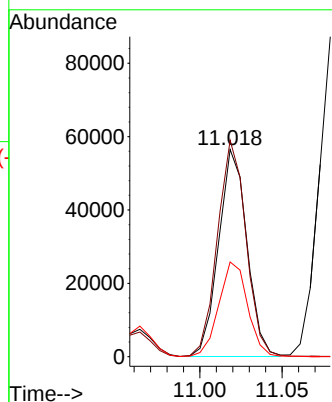
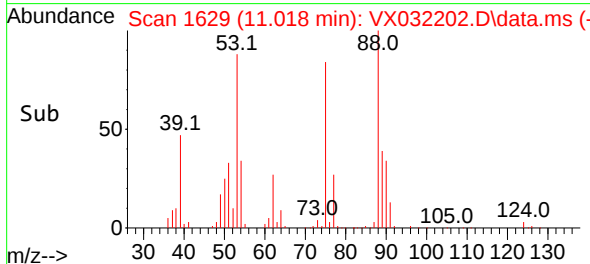
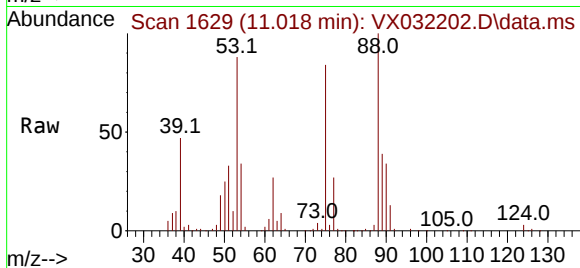
#81
trans-1,4-Dichloro-2-butene
Concen: 83.176 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.007 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 67610
Ion Ratio Lower Upper
75 100
53 105.6 74.5 111.7
89 46.7 37.9 56.9

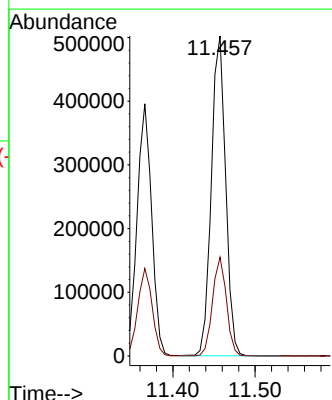
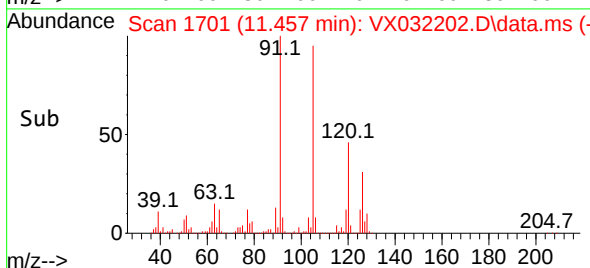
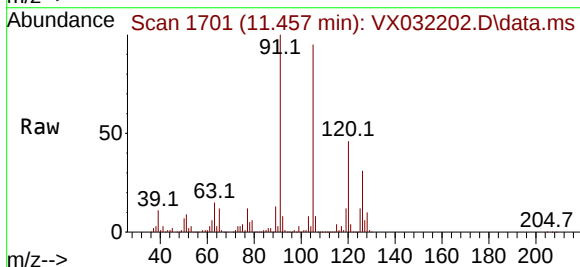
Manual Integrations
APPROVED

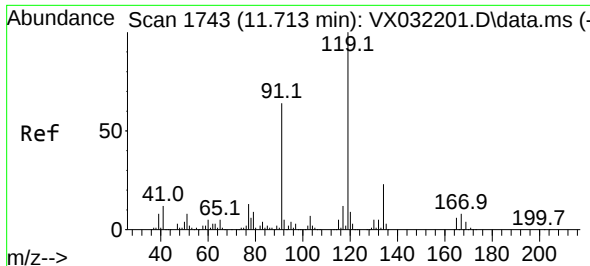
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#82
4-Chlorotoluene
Concen: 98.260 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

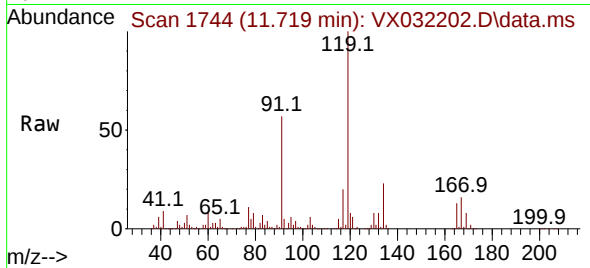
Tgt Ion: 91 Resp: 607370
Ion Ratio Lower Upper
91 100
126 30.0 14.9 44.5





#83
tert-Butylbenzene
Concen: 99.935 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.001 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

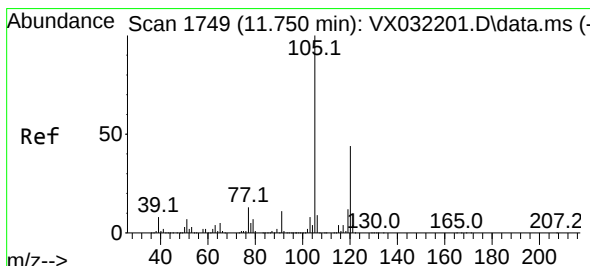
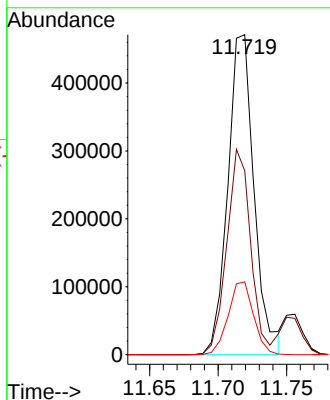
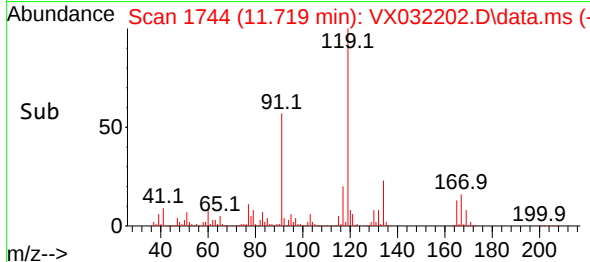
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



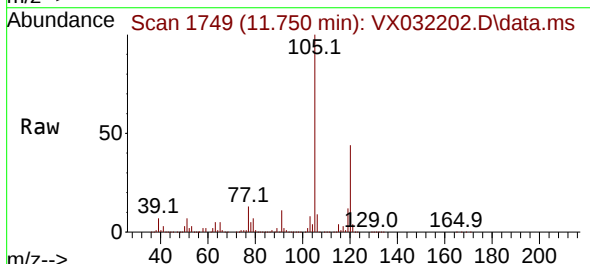
Tgt Ion:119 Resp: 62947
Ion Ratio Lower Upper
119 100
91 58.3 27.9 83.7
134 22.0 11.3 33.9

Manual Integrations
APPROVED

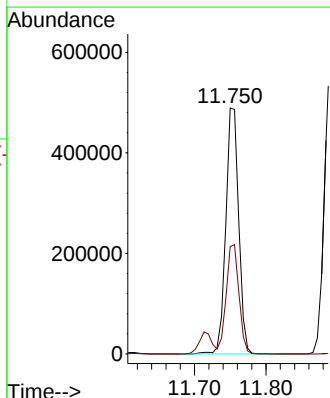
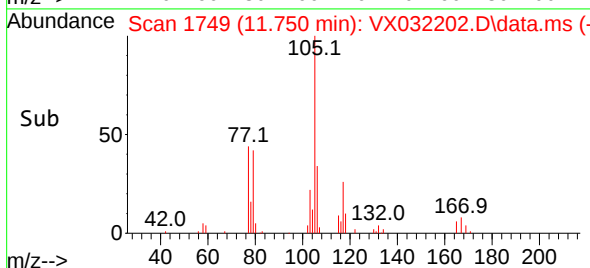
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

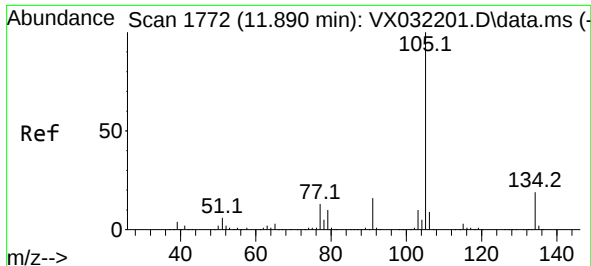


#84
1,2,4-Trimethylbenzene
Concen: 95.467 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55



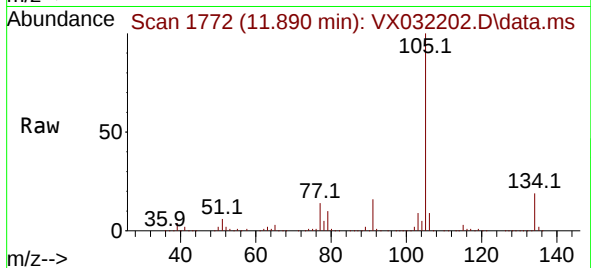
Tgt Ion:105 Resp: 612867
Ion Ratio Lower Upper
105 100
120 43.8 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 97.237 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX032202.D
 Acq: 19 Oct 2022 12:55

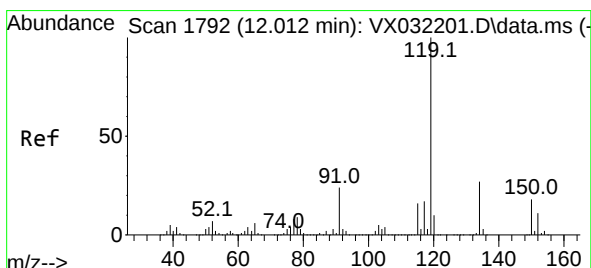
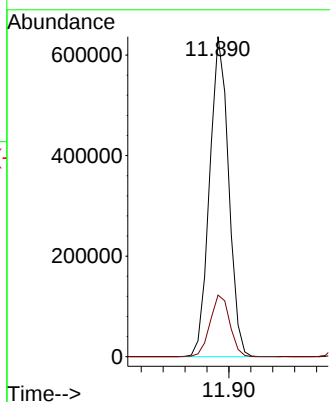
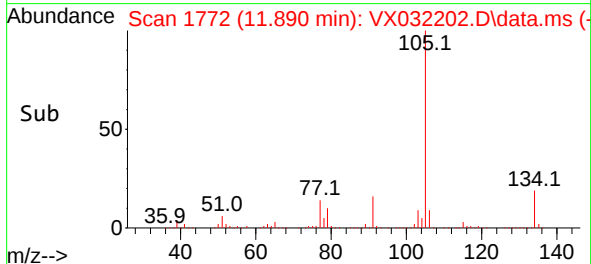
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



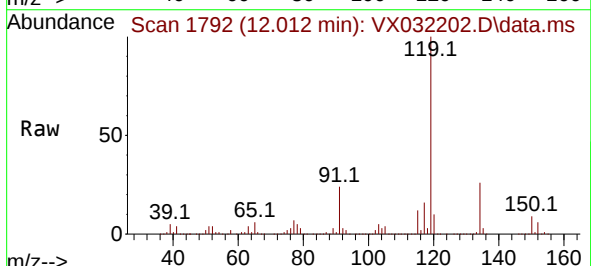
Tgt Ion:105 Resp: 767378
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8

Manual Integrations
 APPROVED

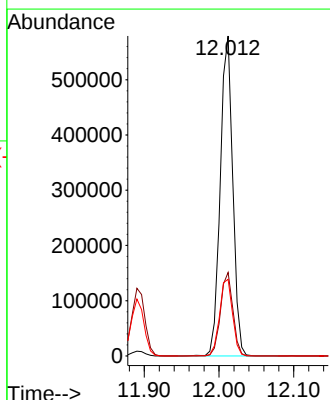
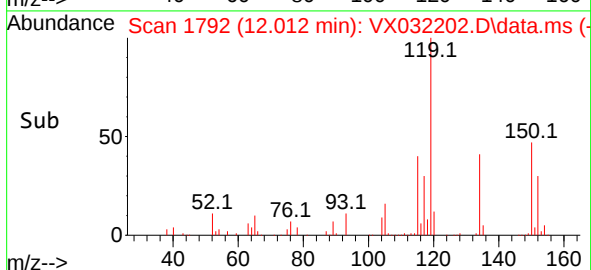
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

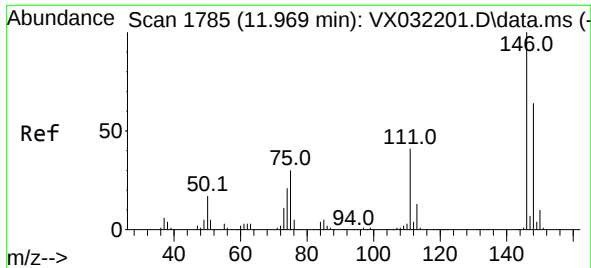


#86
 p-Isopropyltoluene
 Concen: 101.859 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032202.D
 Acq: 19 Oct 2022 12:55



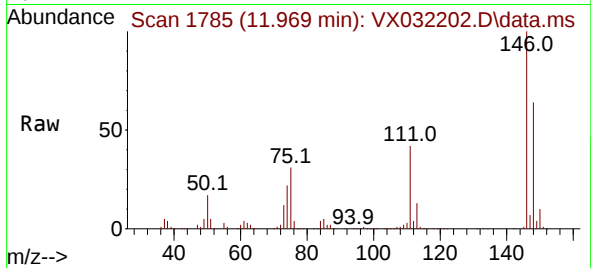
Tgt Ion:119 Resp: 674762
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 24.9 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 95.287 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.007 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

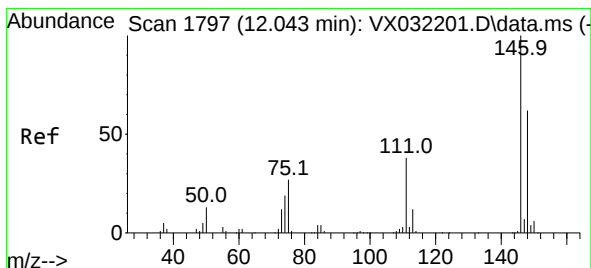
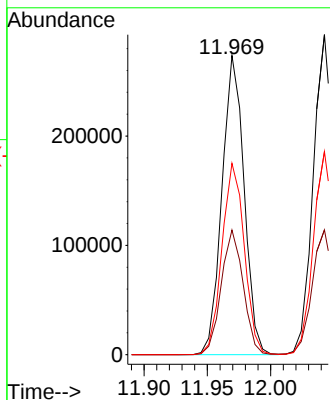
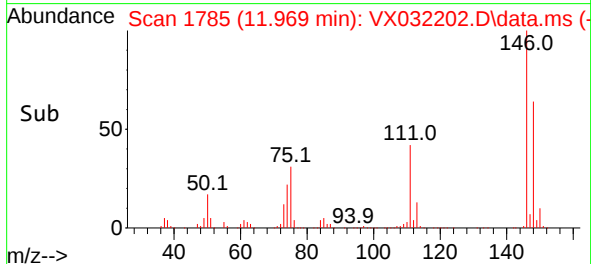
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



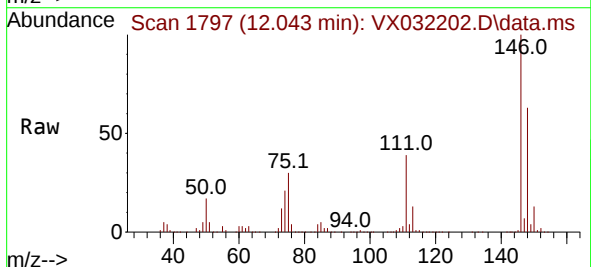
Tgt Ion:146 Resp: 33210
Ion Ratio Lower Upper
146 100
111 41.5 20.2 60.5
148 64.6 31.9 95.7

Manual Integrations
APPROVED

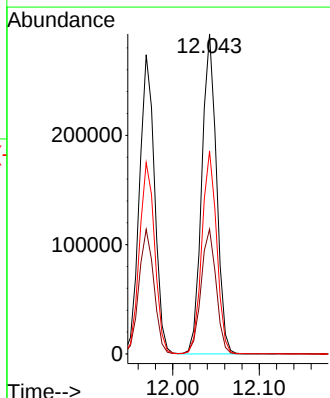
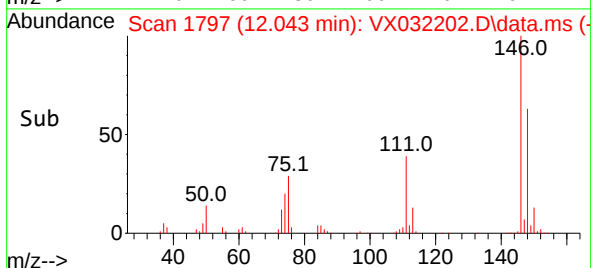
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

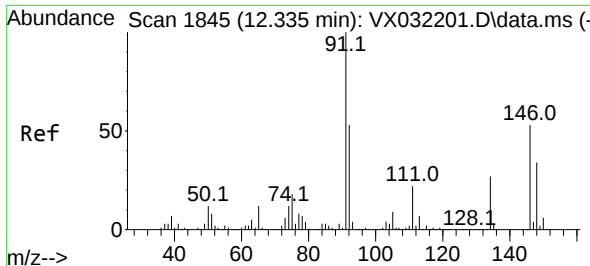


#88
1,4-Dichlorobenzene
Concen: 97.016 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55



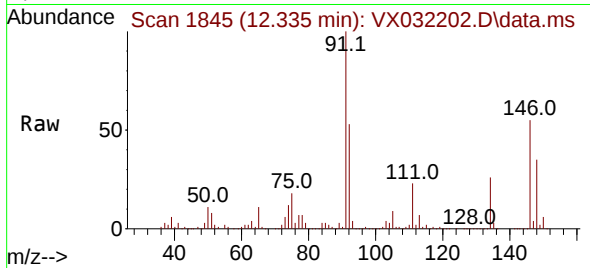
Tgt Ion:146 Resp: 345143
Ion Ratio Lower Upper
146 100
111 40.0 19.6 58.8
148 63.8 31.6 95.0





#89
n-Butylbenzene
Concen: 107.353 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

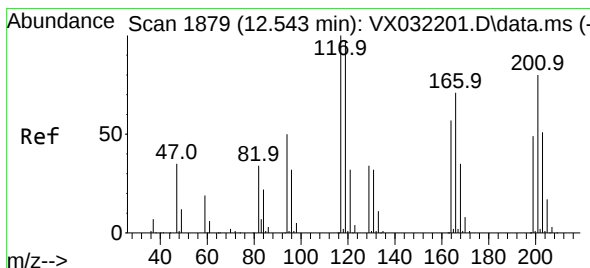
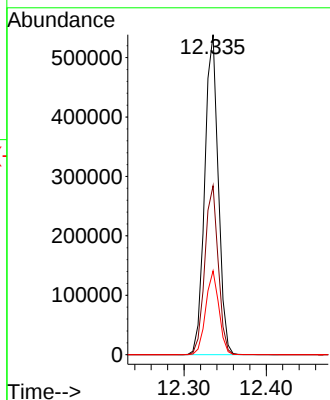
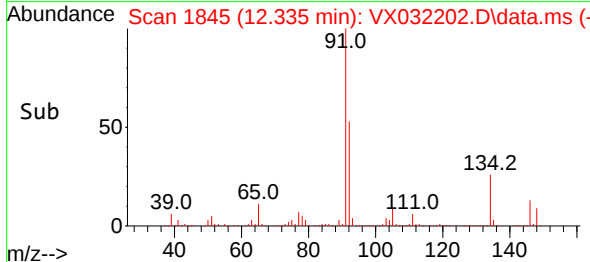
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 615320
Ion Ratio Lower Upper
91 100
92 52.4 27.4 82.0
134 25.5 13.2 39.5

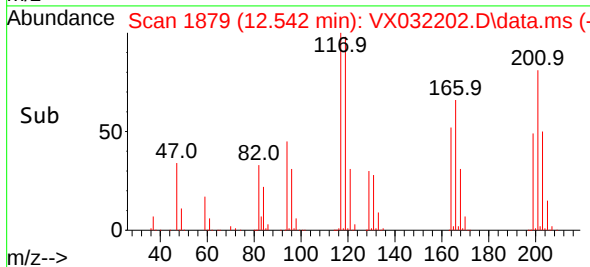
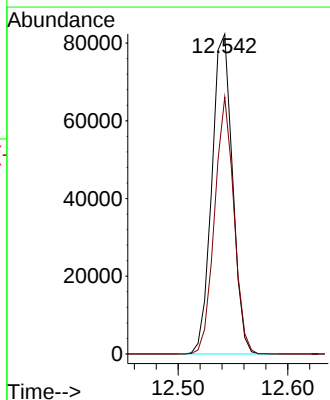
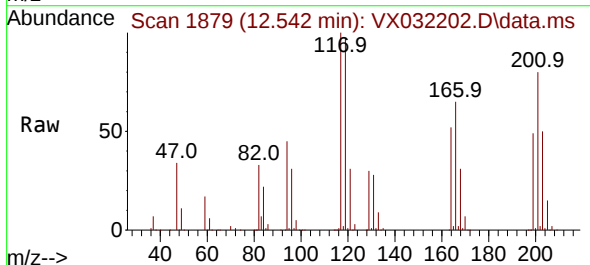
Manual Integrations
APPROVED

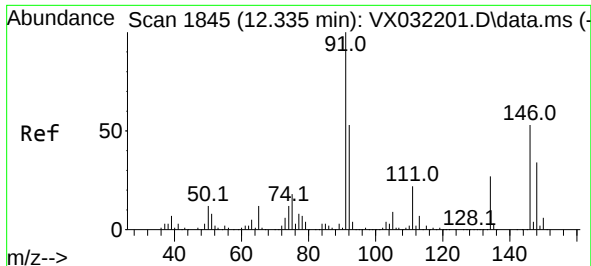
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#90
Hexachloroethane
Concen: 101.050 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.001 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

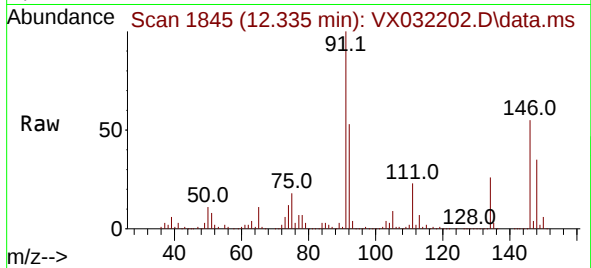
Tgt Ion:117 Resp: 107850
Ion Ratio Lower Upper
117 100
201 75.2 40.4 121.2





#91
1,2-Dichlorobenzene
Concen: 99.859 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

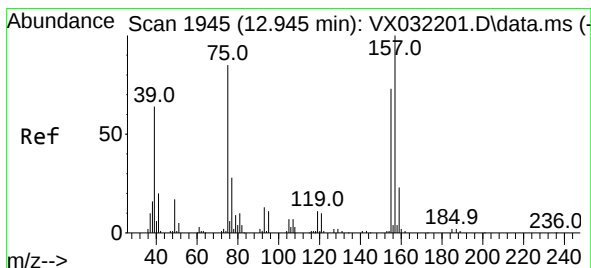
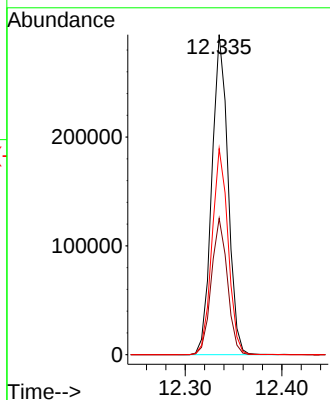
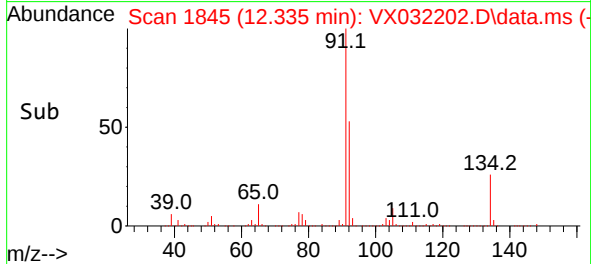
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



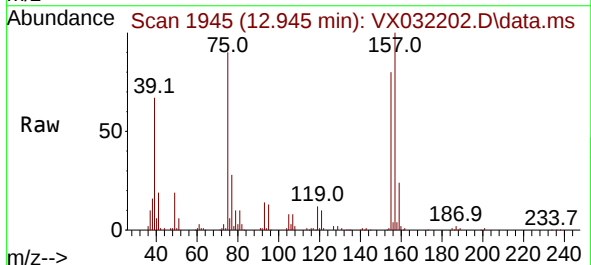
Tgt Ion:146 Resp: 341452
Ion Ratio Lower Upper
146 100
111 42.2 20.8 62.2
148 64.1 31.9 95.5

Manual Integrations
APPROVED

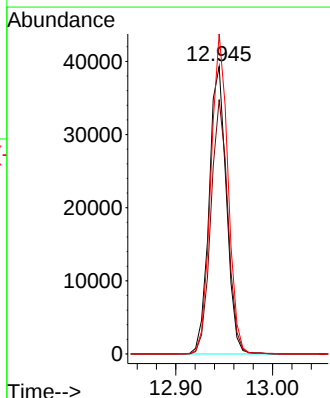
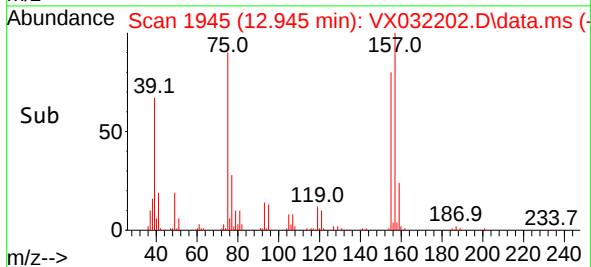
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

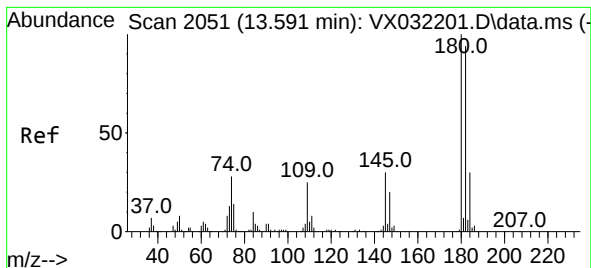


#92
1,2-Dibromo-3-Chloropropane
Concen: 84.873 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55



Tgt Ion: 75 Resp: 48771
Ion Ratio Lower Upper
75 100
155 87.0 45.3 135.9
157 110.5 57.7 173.1





#93

1,2,4-Trichlorobenzene

Concen: 107.196 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 215998

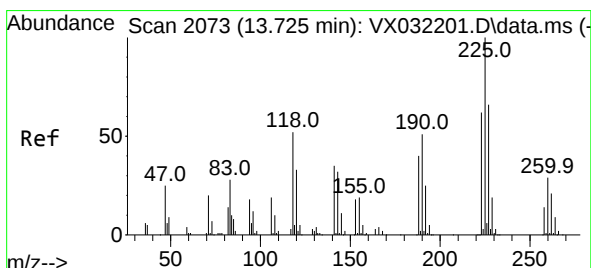
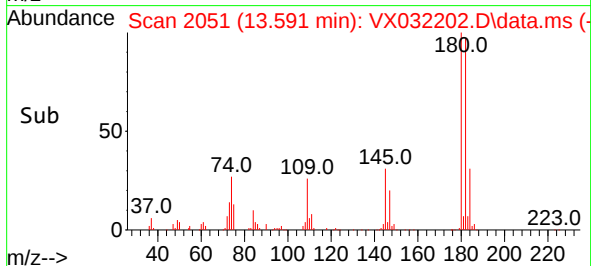
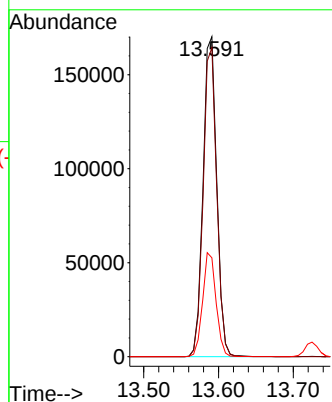
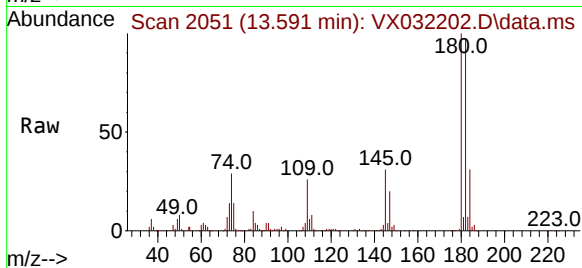
Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.7	143.1
145	31.9	15.0	45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#94

Hexachlorobutadiene

Concen: 89.216 ug/l

RT: 13.725 min Scan# 2073

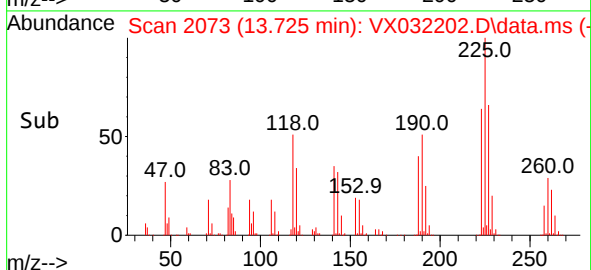
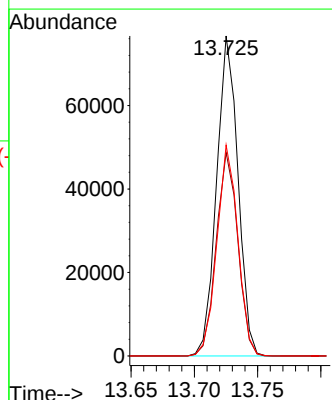
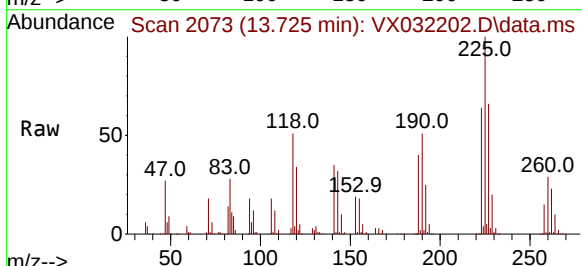
Delta R.T. 0.000 min

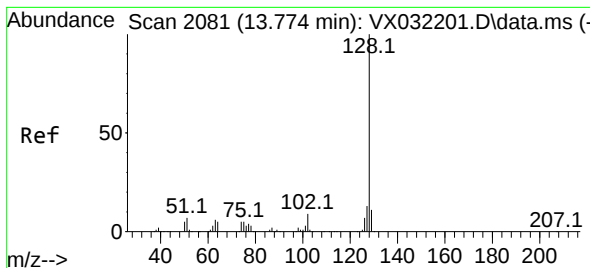
Lab File: VX032202.D

Acq: 19 Oct 2022 12:55

Tgt Ion:225 Resp: 89770

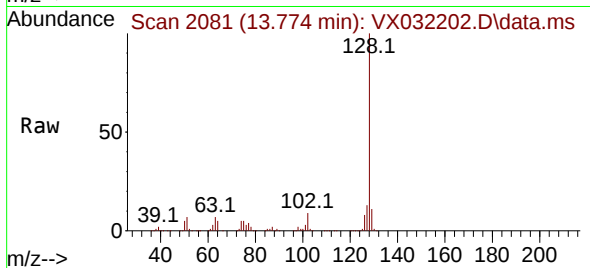
Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.1	93.2
227	64.8	31.6	95.0





#95
Naphthalene
Concen: 110.185 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55

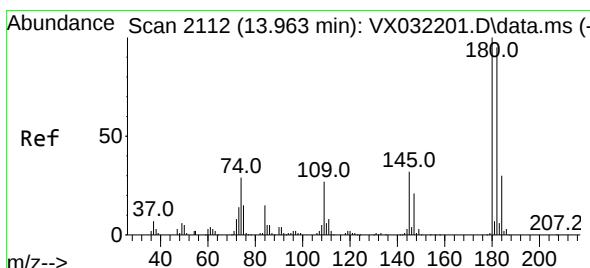
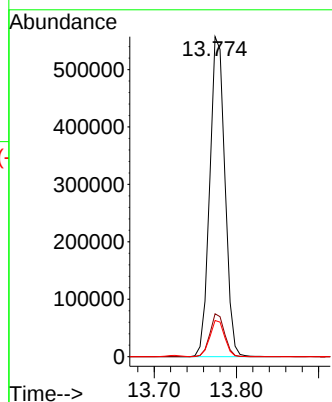
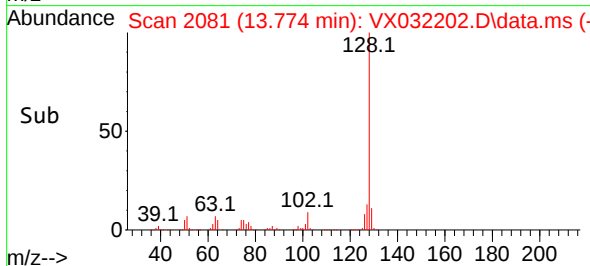
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



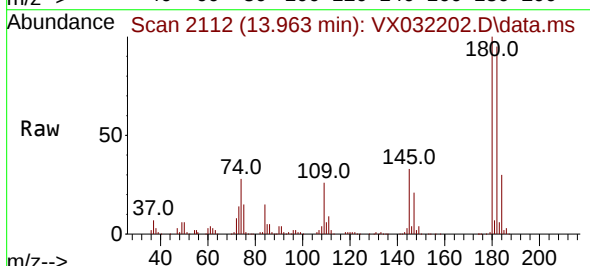
Tgt Ion:128 Resp: 713958
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#96
1,2,3-Trichlorobenzene
Concen: 108.171 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032202.D
Acq: 19 Oct 2022 12:55



Tgt Ion:180 Resp: 219698
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 33.4 16.1 48.3

