

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101922\
 Data File : VX032224.D
 Acq On : 19 Oct 2022 21:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 20 04:33:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	135288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216777	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93790	53.291	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.580%			
35) Dibromofluoromethane	5.385	113	75217	49.863	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.720%			
50) Toluene-d8	8.647	98	272090	50.108	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.220%			
62) 4-Bromofluorobenzene	11.079	95	108859	54.747	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	66282	53.552	ug/l	98
3) Chloromethane	1.295	50	62356	52.107	ug/l	94
4) Vinyl Chloride	1.374	62	70560	52.932	ug/l	98
5) Bromomethane	1.612	94	67204	48.151	ug/l	100
6) Chloroethane	1.685	64	54902	46.579	ug/l	99
7) Trichlorofluoromethane	1.886	101	136130	57.445	ug/l	100
8) Diethyl Ether	2.130	74	46521	57.768	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	68822	53.568	ug/l	98
10) Methyl Iodide	2.453	142	95102	51.224	ug/l	98
11) Tert butyl alcohol	2.971	59	55455	221.064	ug/l	96
12) 1,1-Dichloroethene	2.319	96	65425	54.180	ug/l	95
13) Acrolein	2.240	56	54202	252.991	ug/l	99
14) Allyl chloride	2.666	41	104435	55.065	ug/l	97
15) Acrylonitrile	3.063	53	164215	248.785	ug/l	98
16) Acetone	2.386	43	140408	245.838	ug/l	97
17) Carbon Disulfide	2.514	76	149142	52.756	ug/l	97
18) Methyl Acetate	2.703	43	100283	51.719	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	232320	55.832	ug/l	98
20) Methylene Chloride	2.788	84	73053	49.814	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	70166	53.350	ug/l	99
22) Diisopropyl ether	3.758	45	230010	55.382	ug/l	98
23) Vinyl Acetate	3.721	43	922212	277.823	ug/l	100
24) 1,1-Dichloroethane	3.611	63	130354	54.323	ug/l	99
25) 2-Butanone	4.556	43	225272	252.629	ug/l	100
26) 2,2-Dichloropropane	4.477	77	97437	56.358	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	84263	54.719	ug/l	98
28) Bromochloromethane	4.898	49	48954	49.448	ug/l	99
29) Tetrahydrofuran	5.007	42	146123	253.717	ug/l	99
30) Chloroform	5.093	83	142713	54.641	ug/l	97
31) Cyclohexane	5.477	56	110610	54.975	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	130084	58.405	ug/l	100
36) 1,1-Dichloropropene	5.696	75	102600	52.875	ug/l	99
37) Ethyl Acetate	4.715	43	94962	49.983	ug/l	99
38) Carbon Tetrachloride	5.678	117	113379	55.349	ug/l	99
39) Methylcyclohexane	7.379	83	125056	53.949	ug/l	99
40) Benzene	6.038	78	292598	52.027	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	52531	52.435	ug/l	97
42) 1,2-Dichloroethane	6.086	62	120185	55.791	ug/l	98
43) Isopropyl Acetate	6.342	43	161112	54.030	ug/l	100
44) Trichloroethene	7.129	130	81627	52.706	ug/l	100
45) 1,2-Dichloropropane	7.434	63	75642	53.316	ug/l	98
46) Dibromomethane	7.580	93	57319	54.168	ug/l	99
47) Bromodichloromethane	7.824	83	108425	55.468	ug/l	99
48) Methyl methacrylate	7.696	41	82434	55.431	ug/l	97
49) 1,4-Dioxane	7.684	88	27129	908.977	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	484072	258.970	ug/l	99
52) Toluene	8.720	92	193637	53.151	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	112385	50.984	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	120615	55.377	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	78941	53.339	ug/l	99
56) Ethyl methacrylate	9.116	69	118466	55.579	ug/l	99
57) 1,3-Dichloropropane	9.311	76	129528	54.032	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	239881	245.531	ug/l	99
59) 2-Hexanone	9.433	43	356358	255.501	ug/l	100
60) Dibromochloromethane	9.525	129	85797	56.564	ug/l	99
61) 1,2-Dibromoethane	9.610	107	85390	54.426	ug/l	98
64) Tetrachloroethene	9.275	164	67387	51.265	ug/l	98
65) Chlorobenzene	10.080	112	213054	52.203	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	80155	54.887	ug/l	100
67) Ethyl Benzene	10.195	91	390478	54.039	ug/l	99
68) m/p-Xylenes	10.299	106	304705	106.780	ug/l	98
69) o-Xylene	10.640	106	149529	54.698	ug/l	100
70) Styrene	10.653	104	253107	54.905	ug/l	99
71) Bromoform	10.799	173	59767	48.315	ug/l #	99
73) Isopropylbenzene	10.964	105	404664	52.735	ug/l	99
74) N-amyl acetate	10.842	43	154537	54.513	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	123478	50.052	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	109987m	51.617	ug/l	
77) Bromobenzene	11.201	156	97560	51.869	ug/l	98
78) n-propylbenzene	11.305	91	479600	54.584	ug/l	99
79) 2-Chlorotoluene	11.366	91	280900	53.045	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	357718	53.971	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32526	48.076	ug/l	100
82) 4-Chlorotoluene	11.457	91	335179	54.365	ug/l	99
83) tert-Butylbenzene	11.713	119	355650	53.630	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	353934	54.925	ug/l	98
85) sec-Butylbenzene	11.890	105	432303	53.941	ug/l	99
86) p-Isopropyltoluene	12.012	119	373617	54.789	ug/l	99
87) 1,3-Dichlorobenzene	11.970	146	189916	52.460	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	193416	52.011	ug/l	99
89) n-Butylbenzene	12.335	91	328116	54.629	ug/l	100
90) Hexachloroethane	12.543	117	56007	52.929	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	187190	52.672	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25390	51.101	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	121958	52.713	ug/l	98
94) Hexachlorobutadiene	13.725	225	48776	48.575	ug/l	99
95) Naphthalene	13.774	128	396181	53.465	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	117963	50.692	ug/l	98

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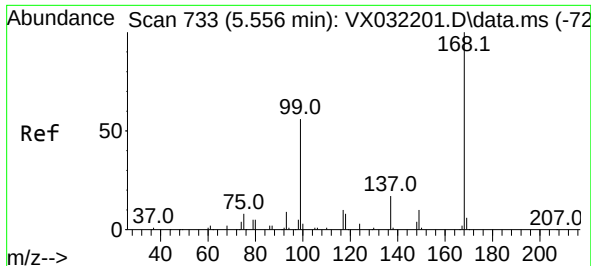
Manual Integrations
APPROVED

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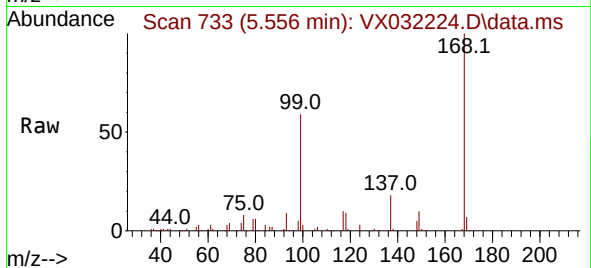
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.000 min
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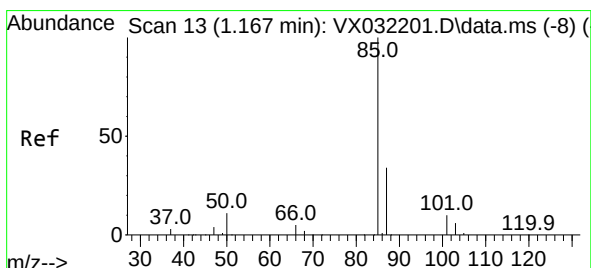
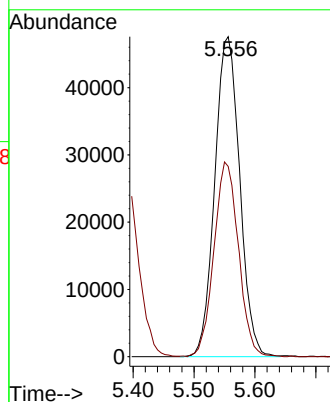
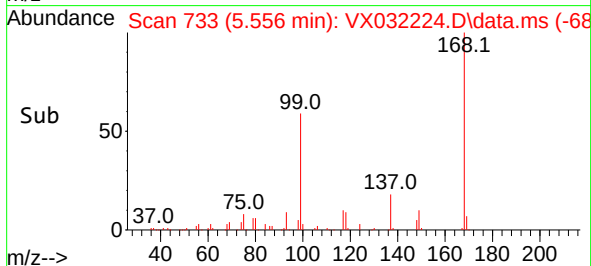
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 13528
Ion Ratio Lower Upper
168 100
99 59.3 44.8 67.2

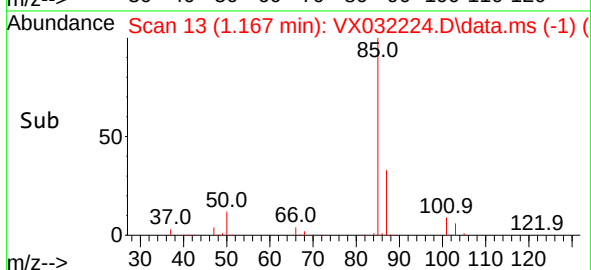
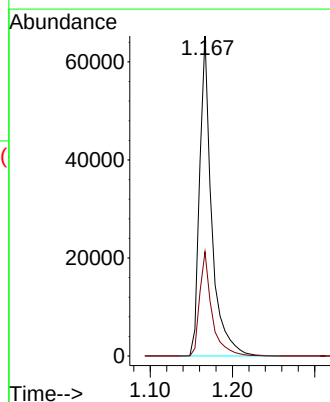
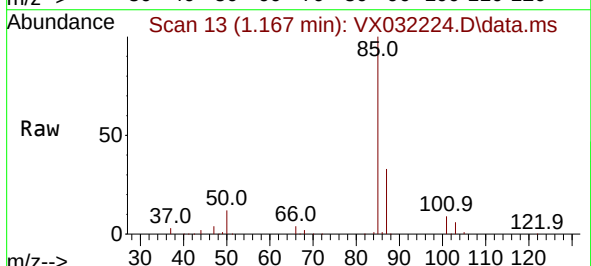
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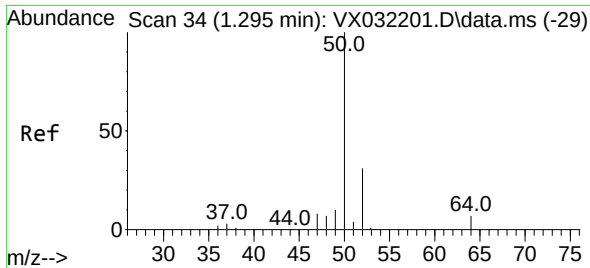
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#2
Dichlorodifluoromethane
Concen: 53.552 ug/l
RT: 1.167 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

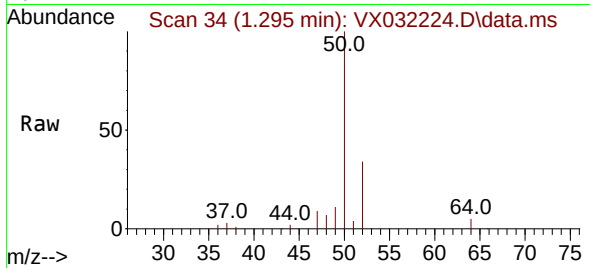
Tgt Ion: 85 Resp: 66282
Ion Ratio Lower Upper
85 100
87 32.6 16.8 50.4





#3
Chloromethane
Concen: 52.107 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

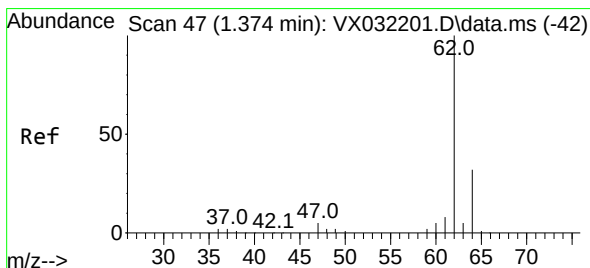
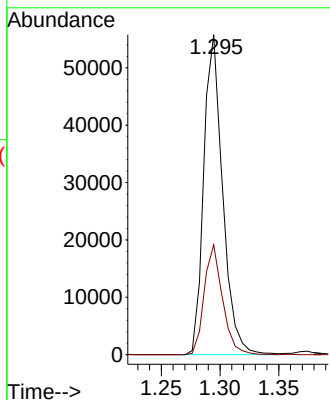
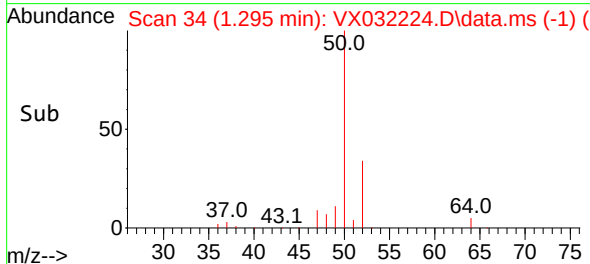
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Tgt Ion: 50 Resp: 62350
Ion Ratio Lower Upper
50 100
52 34.4 24.7 37.1

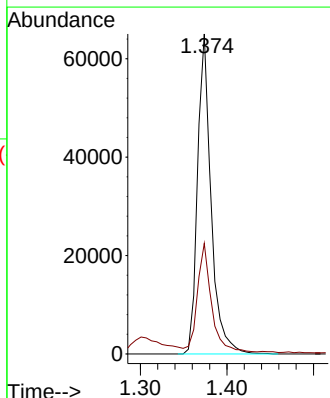
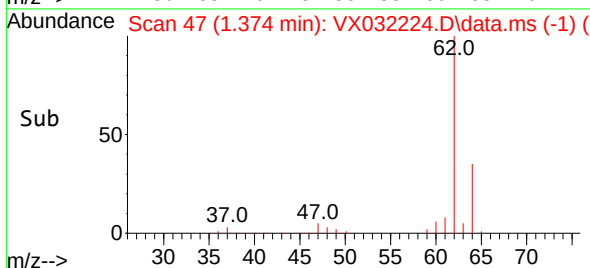
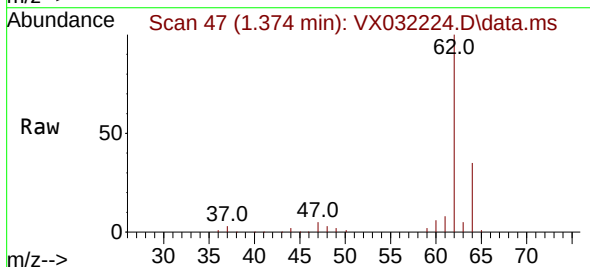
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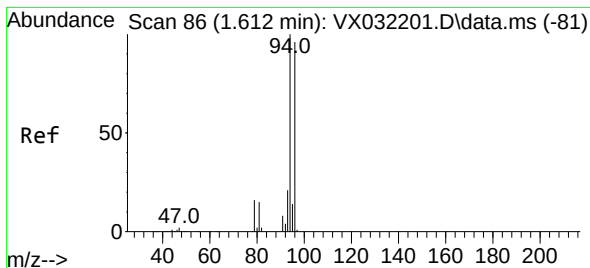
Reviewed By :John Carlone 10/20/2022
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#4
Vinyl Chloride
Concen: 52.932 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX032224.D
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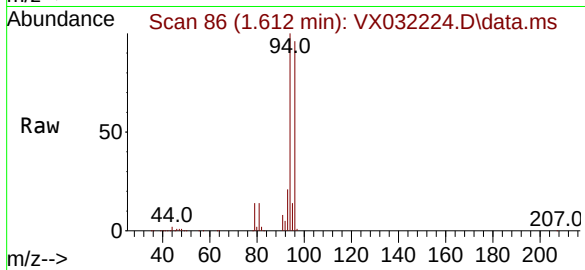
Tgt Ion: 62 Resp: 70560
Ion Ratio Lower Upper
62 100
64 34.1 26.6 39.8





#5
Bromomethane
Concen: 48.151 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX032224.D
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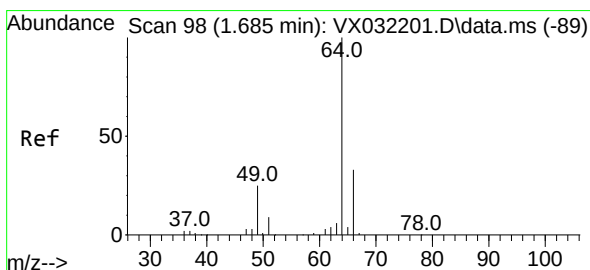
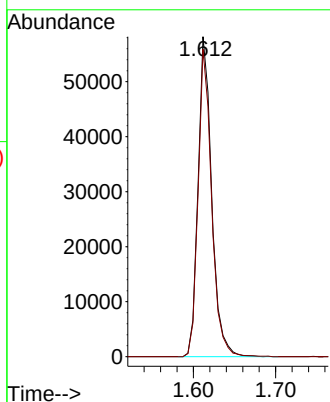
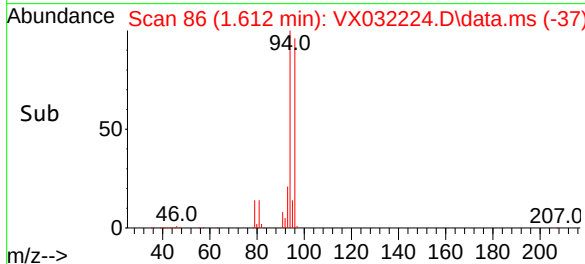
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Tgt Ion: 94 Resp: 67204
Ion Ratio Lower Upper
94 100
96 96.1 76.7 115.1

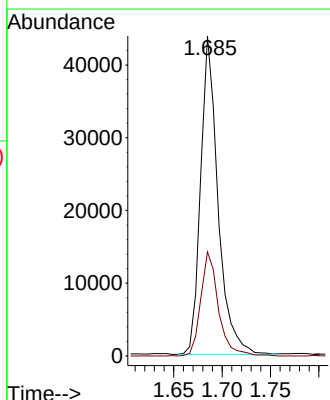
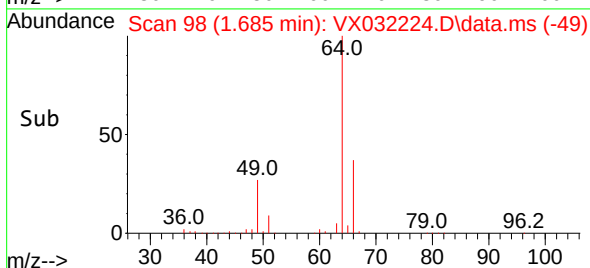
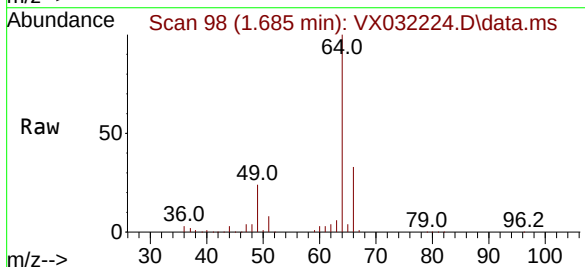
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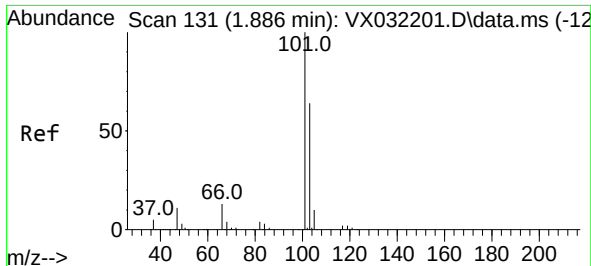
Reviewed By :John Carlone 10/20/2022
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#6
Chloroethane
Concen: 46.579 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX032224.D
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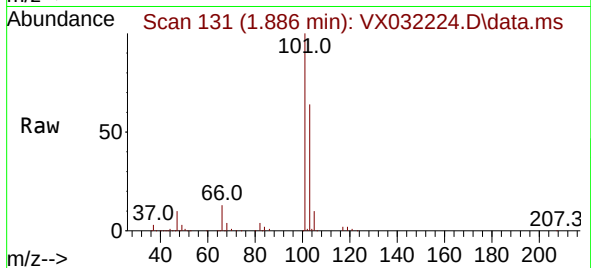
Tgt Ion: 64 Resp: 54902
Ion Ratio Lower Upper
64 100
66 32.7 26.6 39.8





#7
 Trichlorofluoromethane
 Concen: 57.445 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX032224.D
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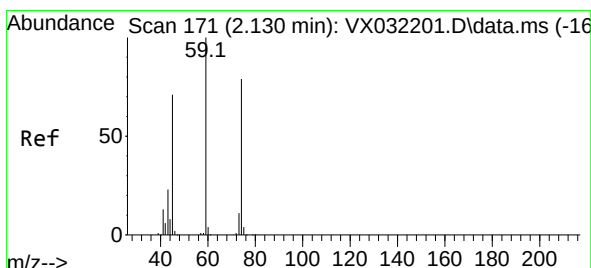
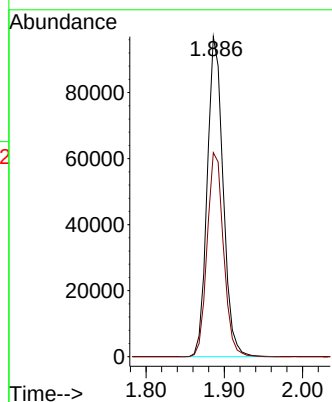
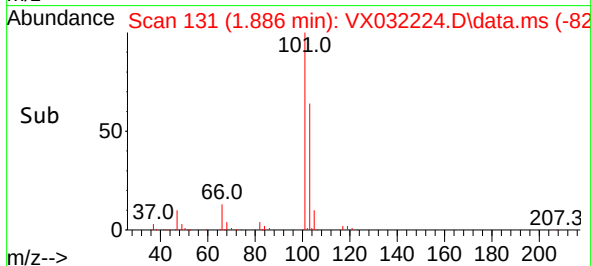
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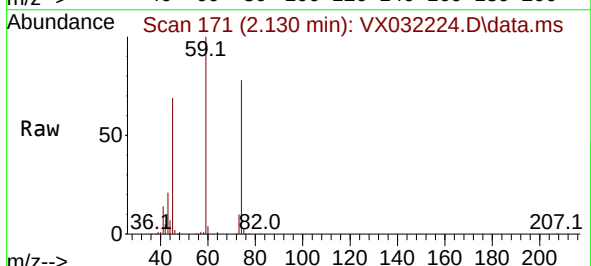
Tgt Ion:101 Resp: 136130
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.3 76.9

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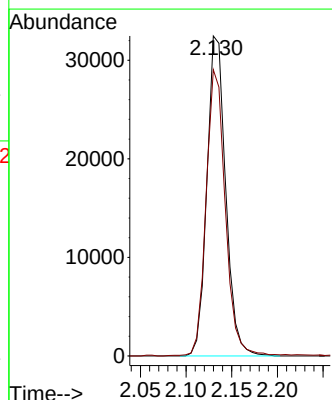
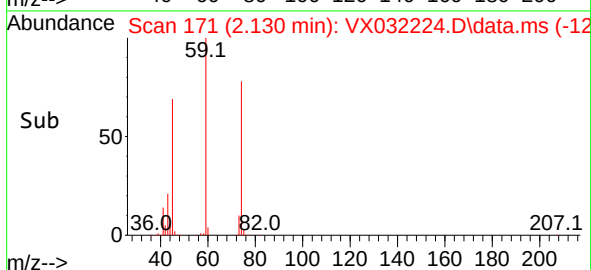
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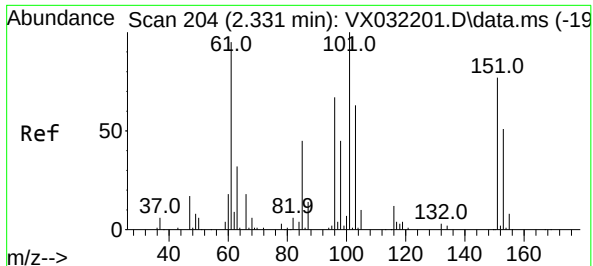


#8
 Diethyl Ether
 Concen: 57.768 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 46521
 Ion Ratio Lower Upper
 74 100
 45 91.8 45.9 137.6





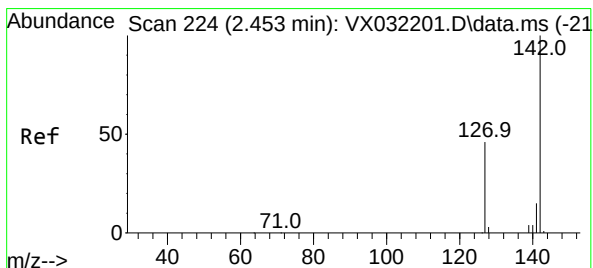
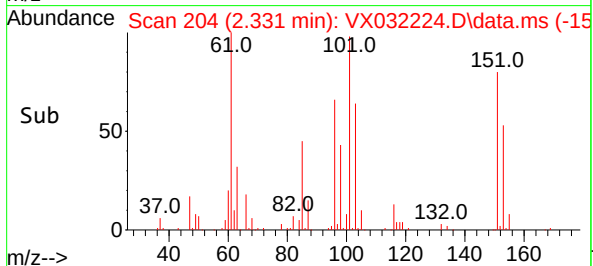
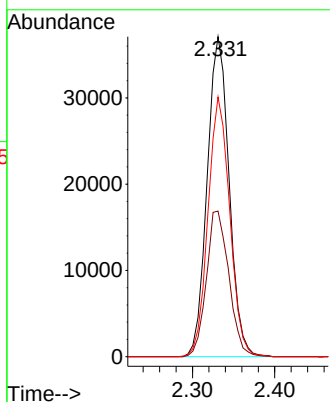
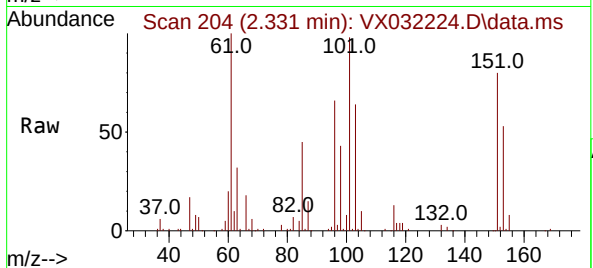
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.568 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 6882
Ion Ratio Lower Upper
101 100
85 46.7 36.5 54.7
151 80.5 65.5 98.3

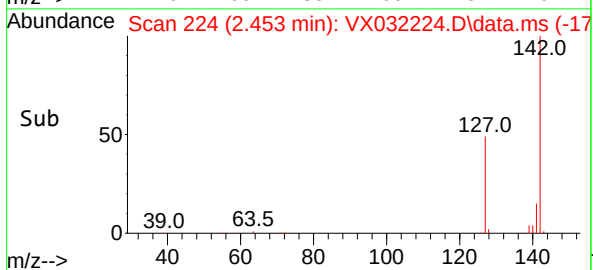
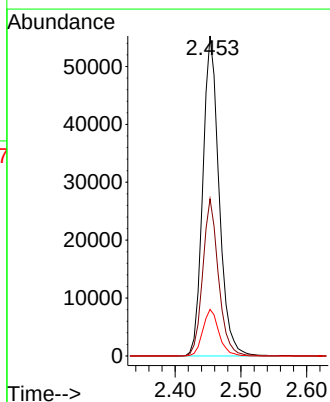
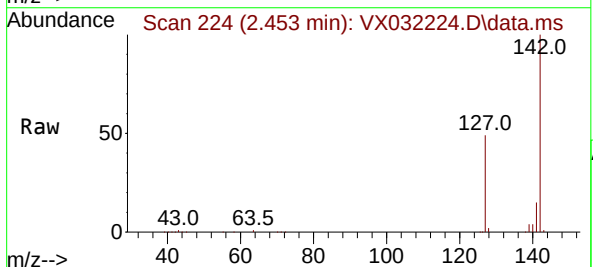
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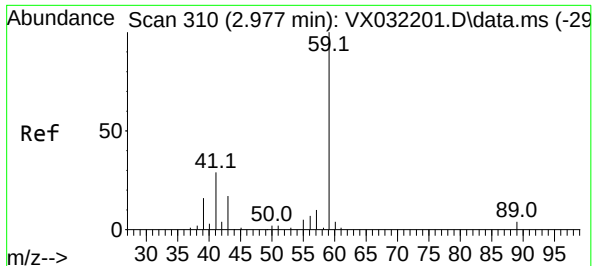
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#10
Methyl Iodide
Concen: 51.224 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

Tgt Ion:142 Resp: 95102
Ion Ratio Lower Upper
142 100
127 47.4 36.9 55.3
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 221.064 ug/l

RT: 2.971 min Scan# 30

Delta R.T. -0.006 min

Lab File: VX032224.D

Acq: 19 Oct 2022 21:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 5545

Ion Ratio Lower Upper

59 100

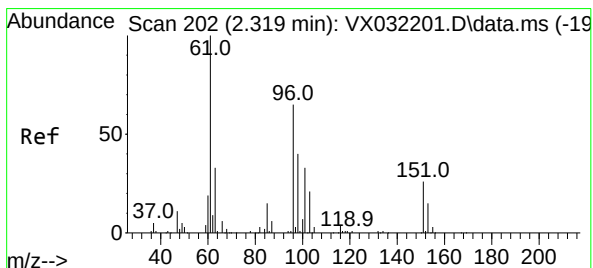
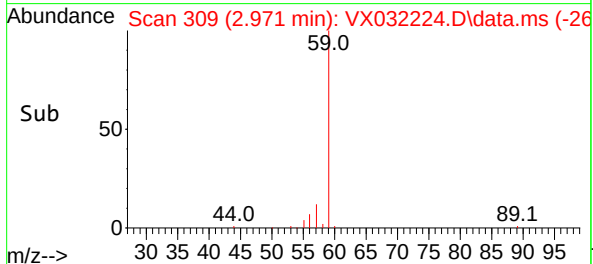
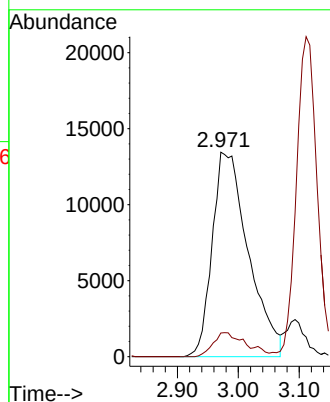
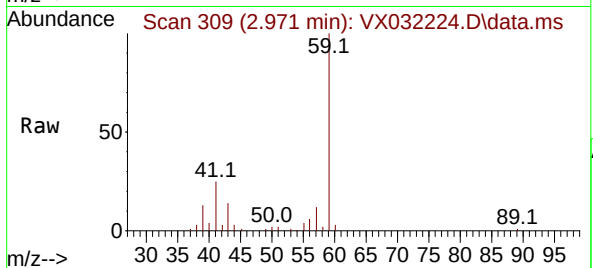
57 10.7 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#12

1,1-Dichloroethene

Concen: 54.180 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX032224.D

Acq: 19 Oct 2022 21:37

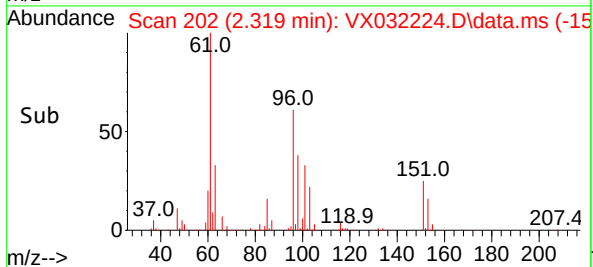
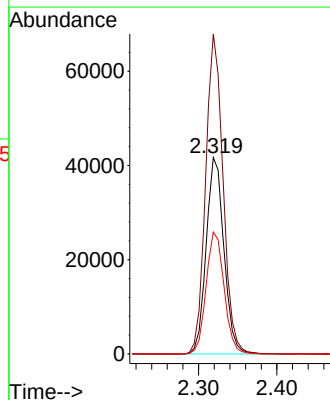
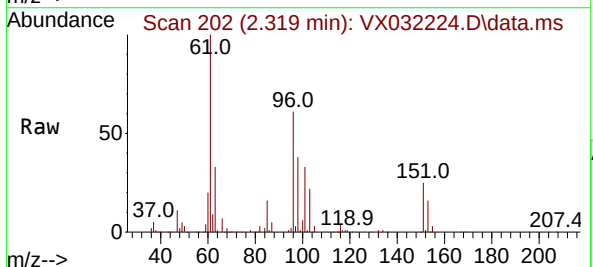
Tgt Ion: 96 Resp: 65425

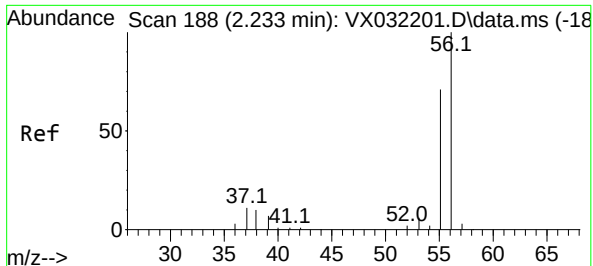
Ion Ratio Lower Upper

96 100

61 162.9 124.0 186.0

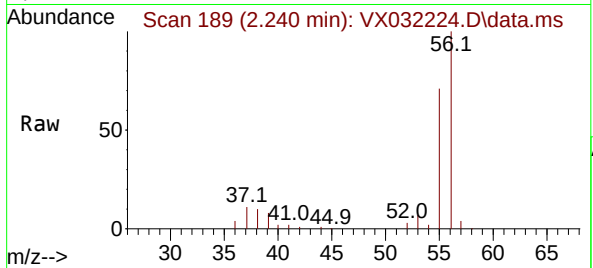
98 62.0 50.0 75.0





#13
Acrolein
Concen: 252.991 ug/l
RT: 2.240 min Scan# 188
Delta R.T. 0.007 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

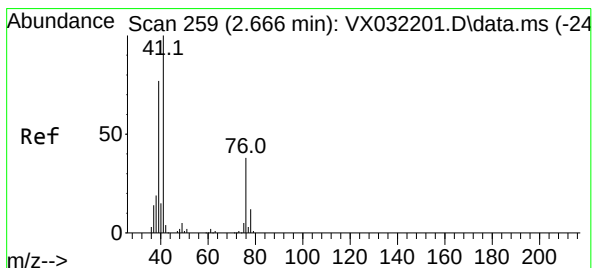
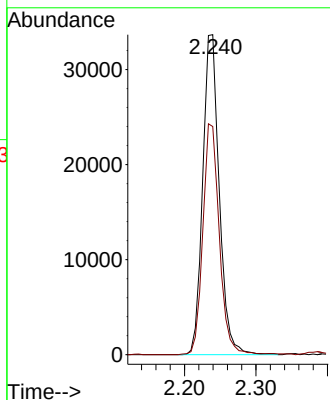
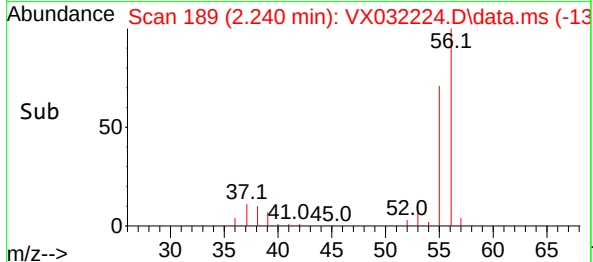
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 5420
Ion Ratio Lower Upper
56 100
55 71.6 56.4 84.6

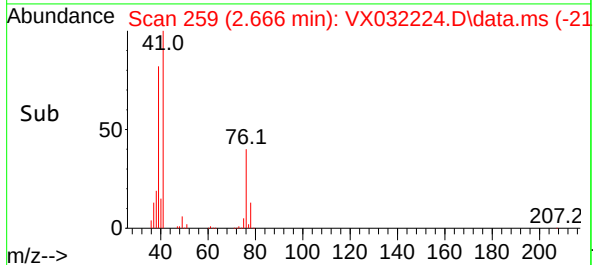
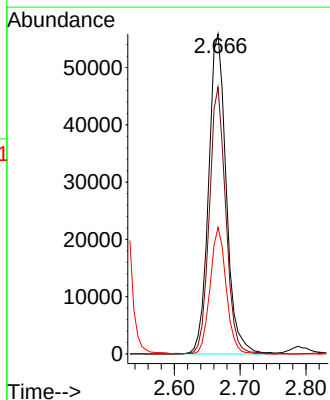
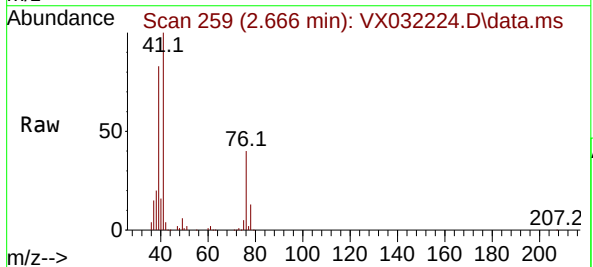
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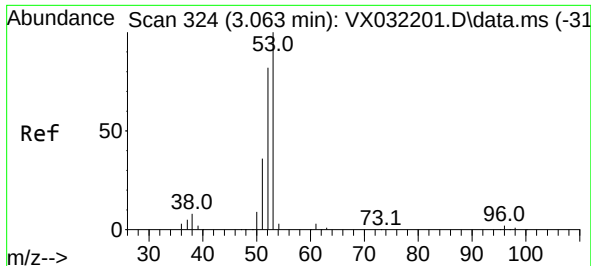
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#14
Allyl chloride
Concen: 55.065 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

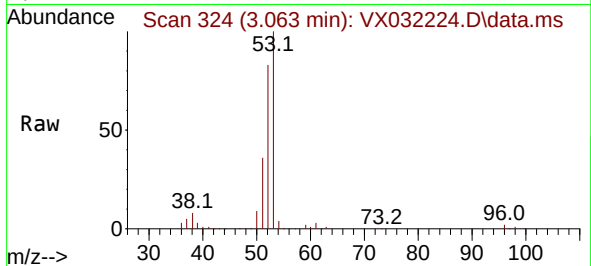
Tgt Ion: 41 Resp: 104435
Ion Ratio Lower Upper
41 100
39 77.4 59.5 89.3
76 36.0 28.6 42.8





#15
Acrylonitrile
Concen: 248.785 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

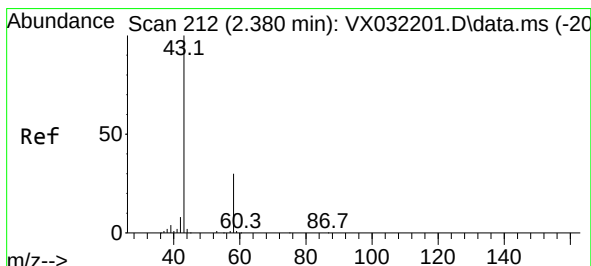
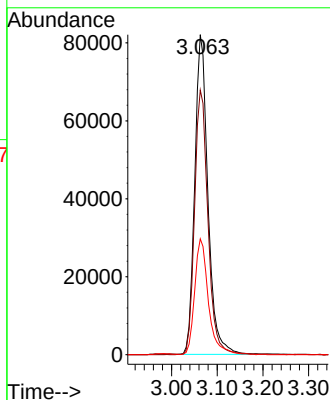
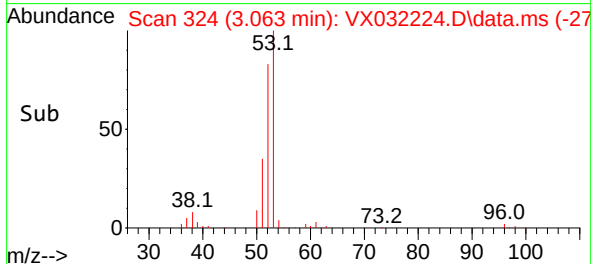
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 164215
Ion Ratio Lower Upper
53 100
52 84.2 65.9 98.9
51 38.0 29.7 44.5

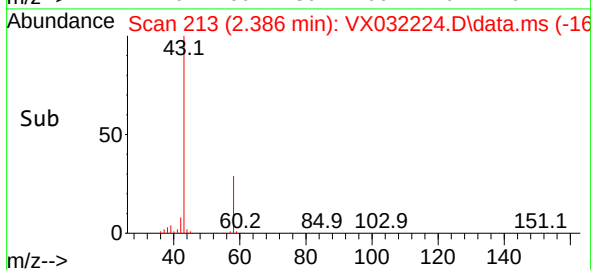
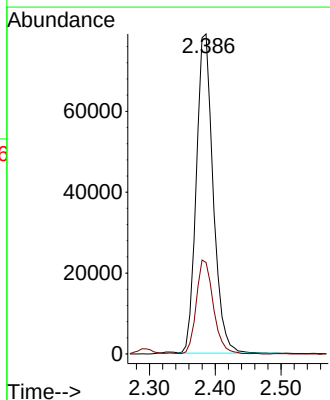
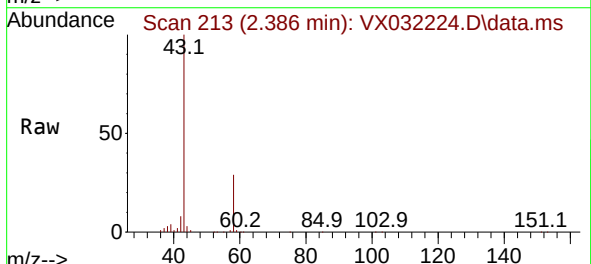
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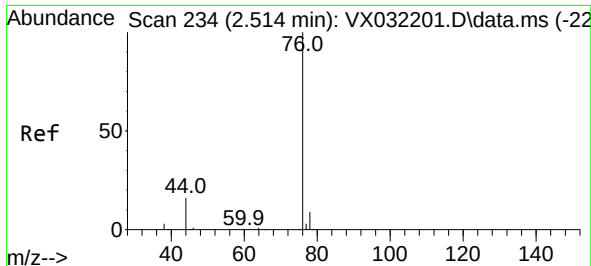
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#16
Acetone
Concen: 245.838 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

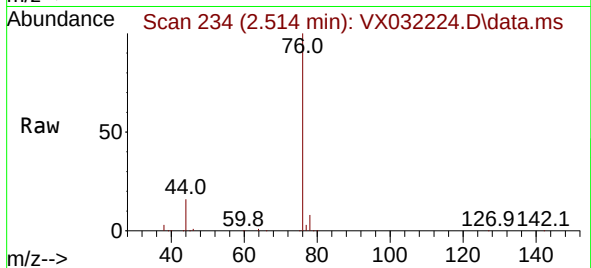
Tgt Ion: 43 Resp: 140408
Ion Ratio Lower Upper
43 100
58 28.6 24.2 36.2





#17
Carbon Disulfide
Concen: 52.756 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

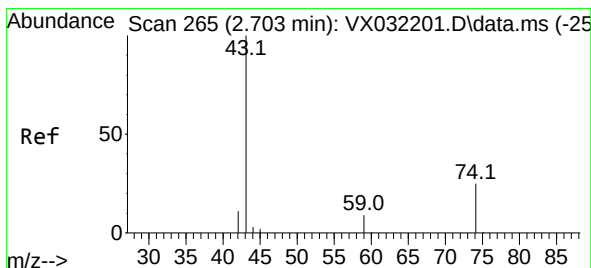
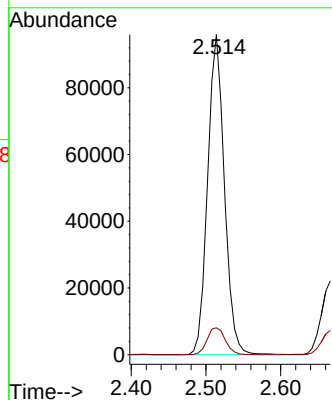
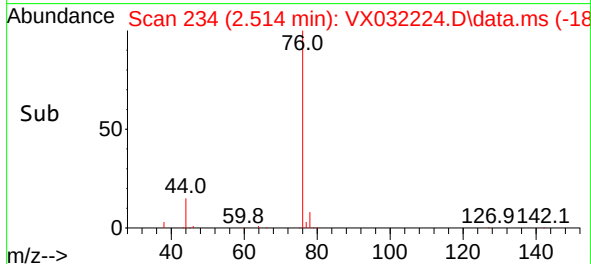
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 14914
Ion Ratio Lower Upper
76 100
78 8.4 7.6 11.4

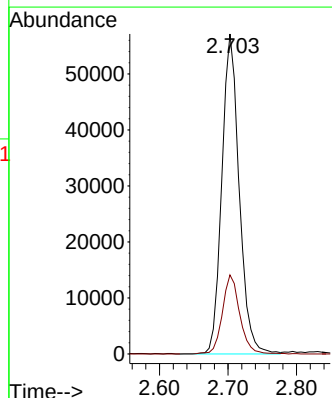
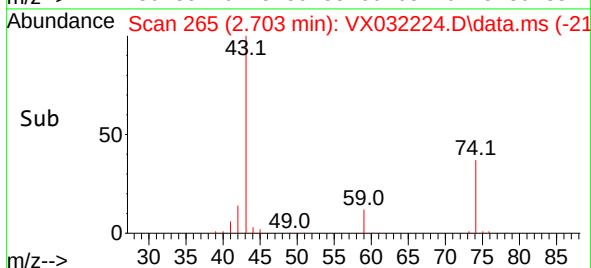
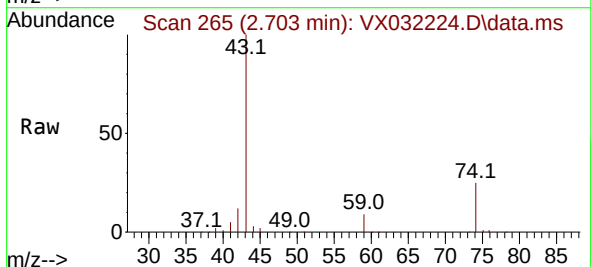
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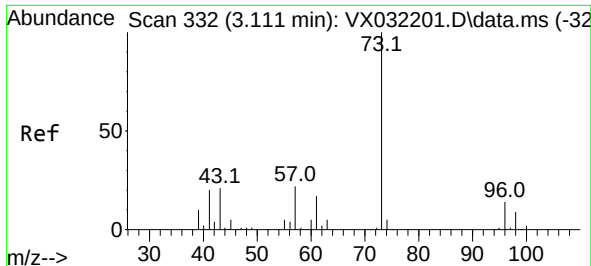
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#18
Methyl Acetate
Concen: 51.719 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

Tgt Ion: 43 Resp: 100283
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.8





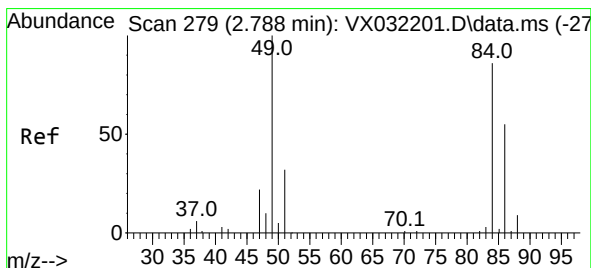
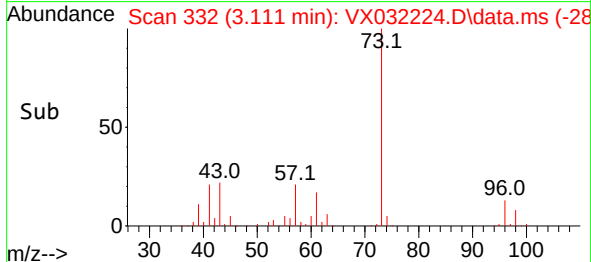
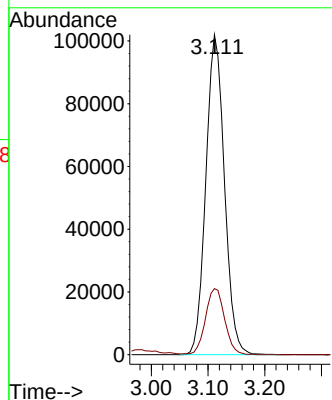
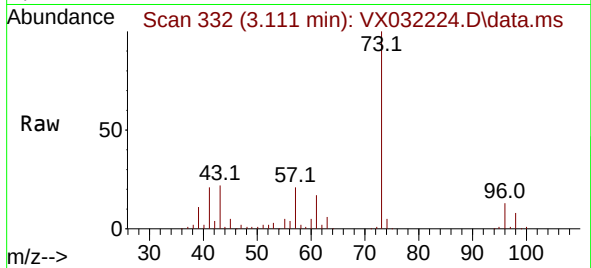
#19
Methyl tert-butyl Ether
Concen: 55.832 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 232320
Ion Ratio Lower Upper
73 100
57 20.6 17.4 26.2

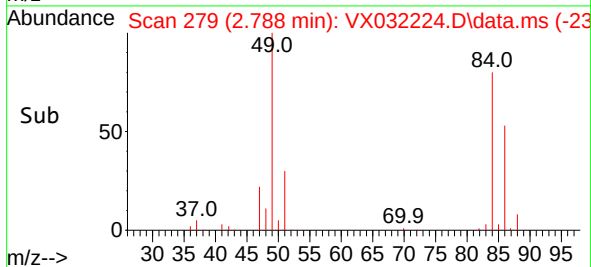
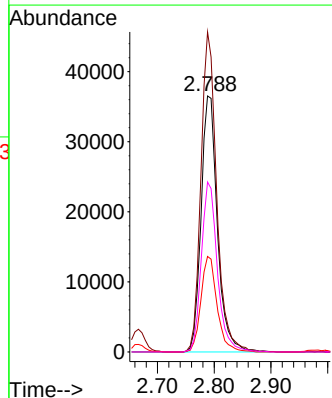
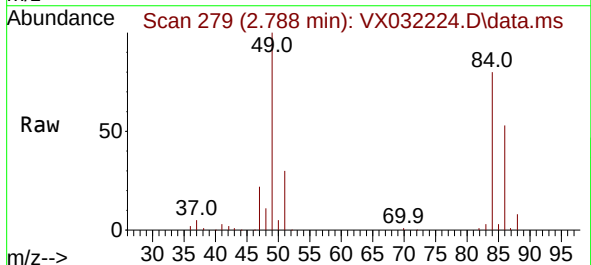
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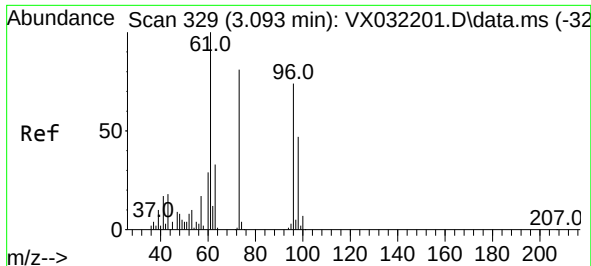
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#20
Methylene Chloride
Concen: 49.814 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

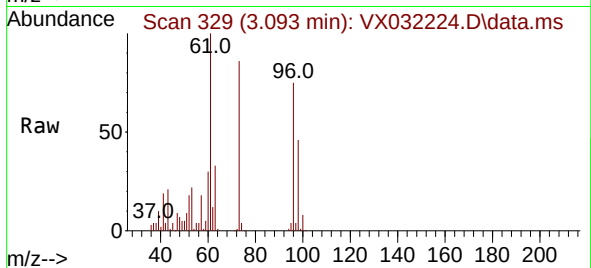
Tgt Ion: 84 Resp: 73053
Ion Ratio Lower Upper
84 100
49 125.0 92.6 139.0
51 37.3 29.2 43.8
86 66.4 51.4 77.0





#21
trans-1,2-Dichloroethene
Concen: 53.350 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

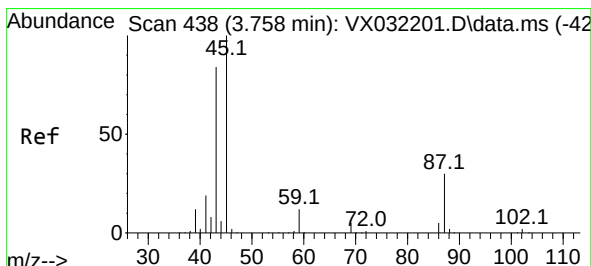
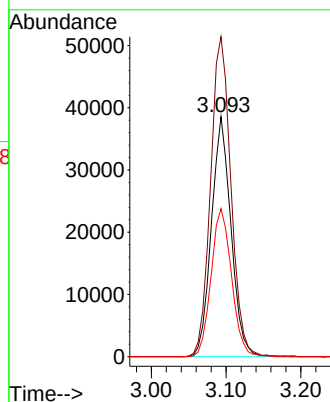
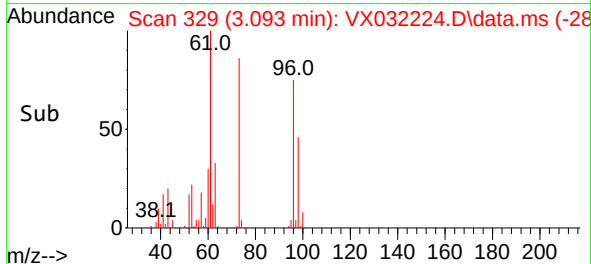
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 70160
Ion Ratio Lower Upper
96 100
61 133.3 107.7 161.5
98 61.7 50.2 75.4

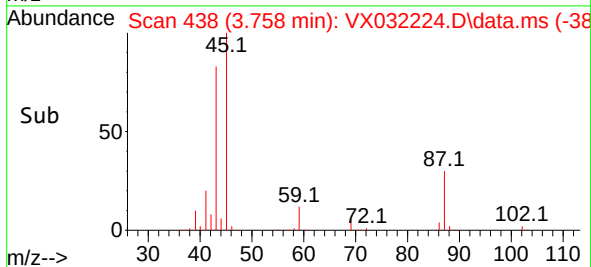
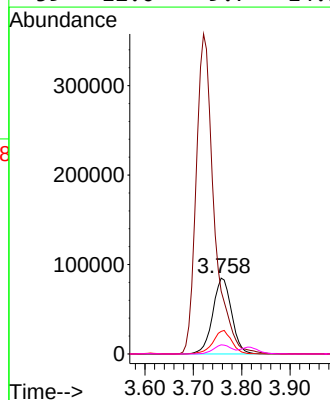
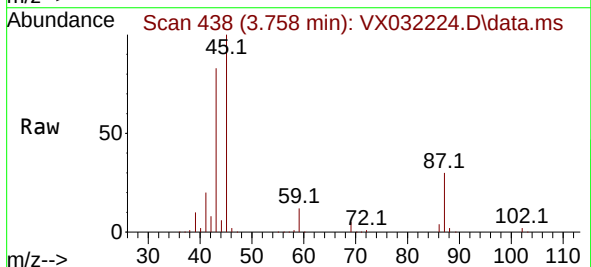
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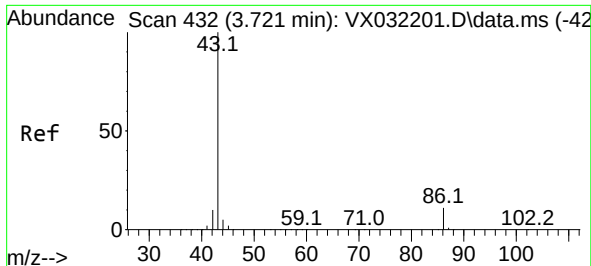
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#22
Diisopropyl ether
Concen: 55.382 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

Tgt Ion: 45 Resp: 230010
Ion Ratio Lower Upper
45 100
43 82.5 67.5 101.3
87 29.7 24.0 36.0
59 12.0 9.7 14.5





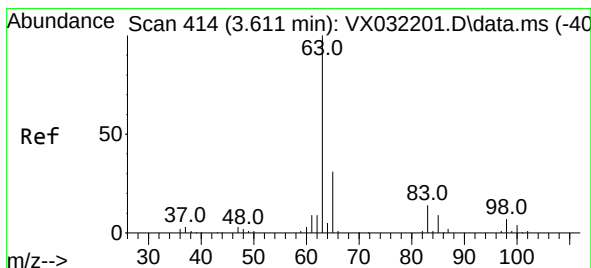
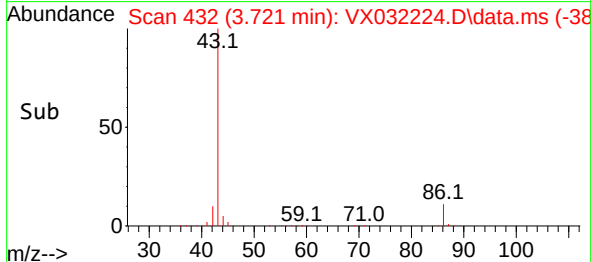
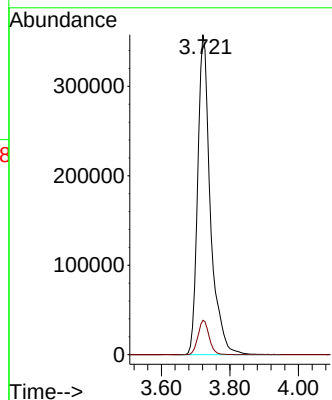
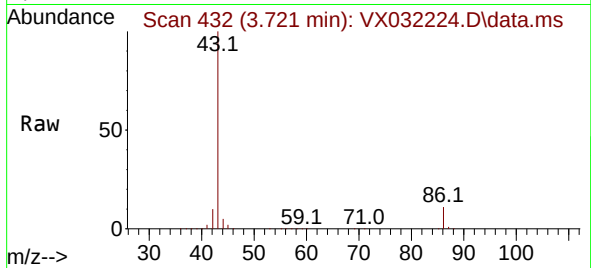
#23
 Vinyl Acetate
 Concen: 277.823 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032224.D
 Acq: 19 Oct 2022 21:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 92221
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0

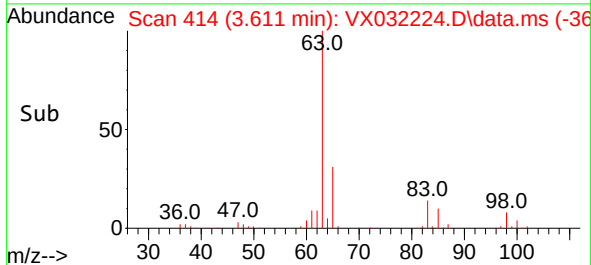
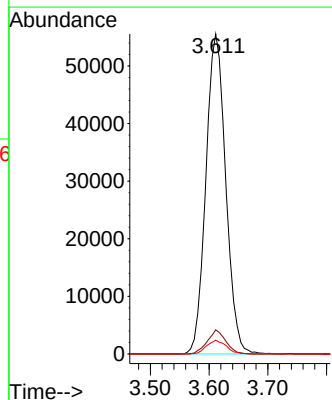
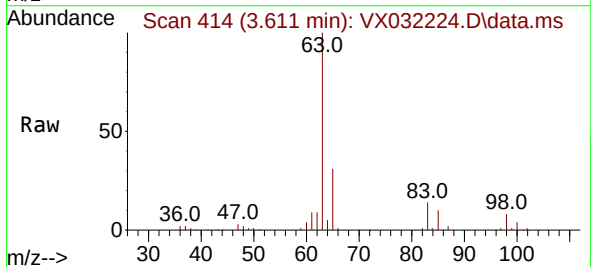
Manual Integrations
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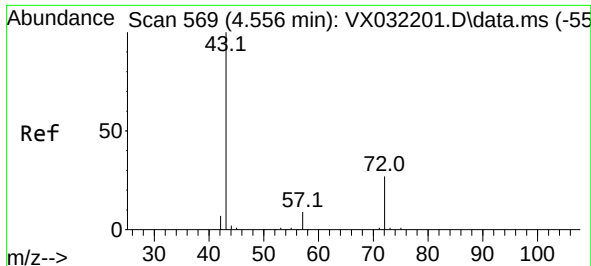
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#24
 1,1-Dichloroethane
 Concen: 54.323 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX032224.D
 Acq: 19 Oct 2022 21:37

Tgt Ion: 63 Resp: 130354
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.9
 100 4.3 2.1 6.3





#25

2-Butanone

Concen: 252.629 ug/l

RT: 4.556 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX032224.D

Acq: 19 Oct 2022 21:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 225272

Ion Ratio Lower Upper

43 100

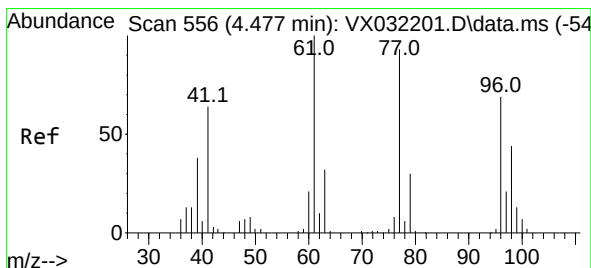
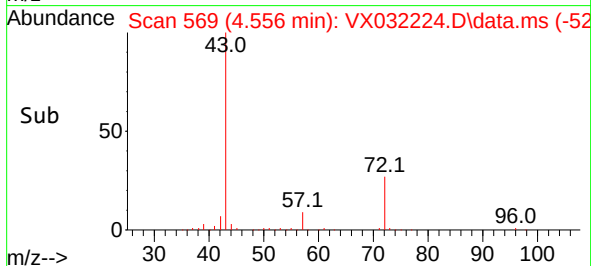
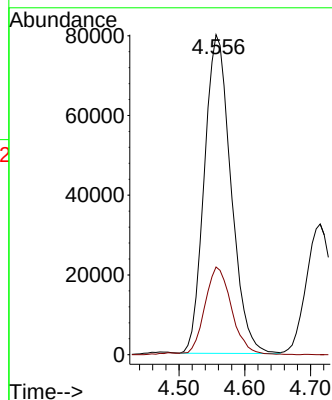
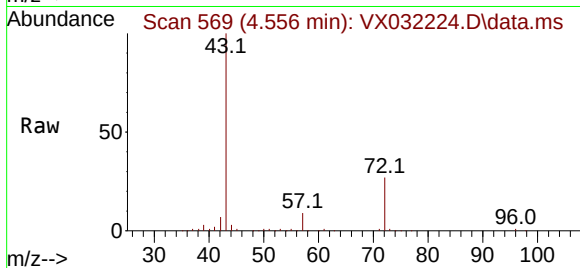
72 27.3 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#26

2,2-Dichloropropane

Concen: 56.358 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX032224.D

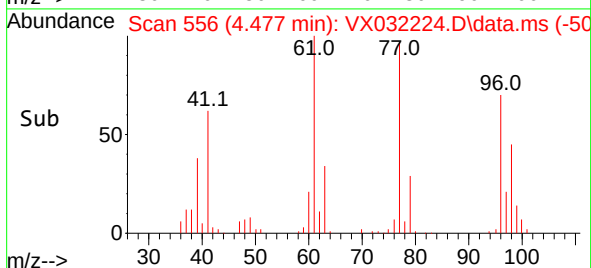
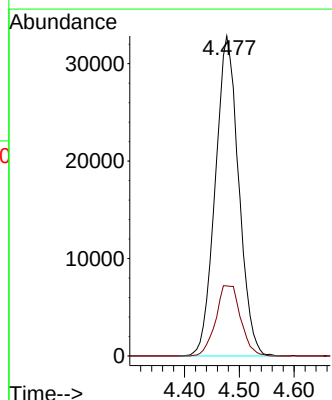
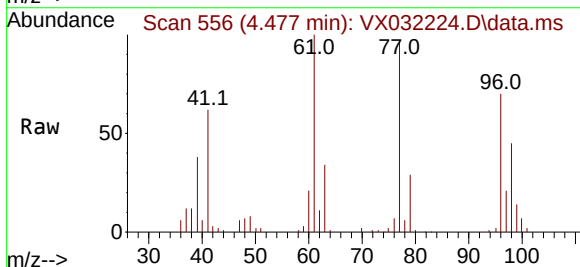
Acq: 19 Oct 2022 21:37

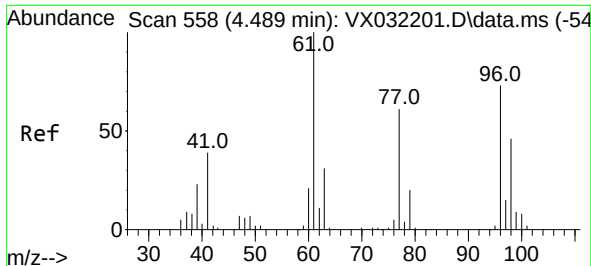
Tgt Ion: 77 Resp: 97437

Ion Ratio Lower Upper

77 100

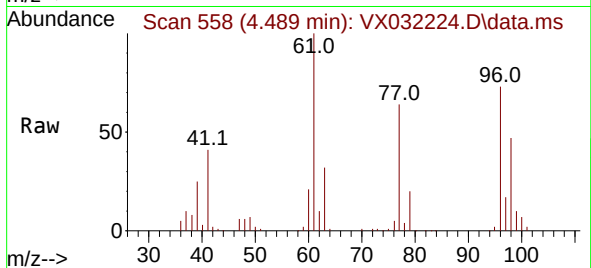
97 23.4 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 54.719 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX032224.D
 Acq: 19 Oct 2022 21:37

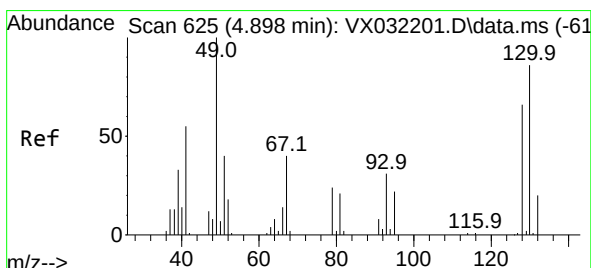
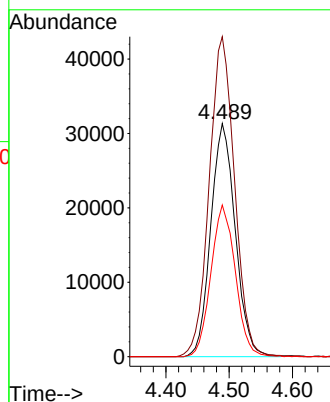
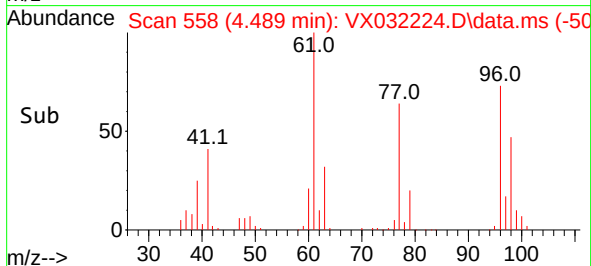
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 8426
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 279.2
 98 64.8 0.0 128.0

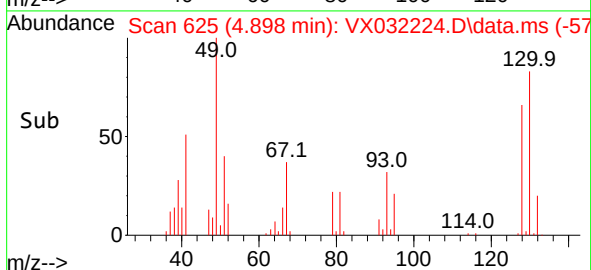
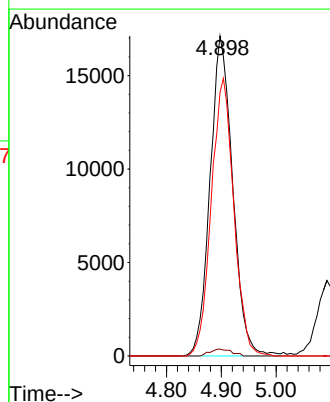
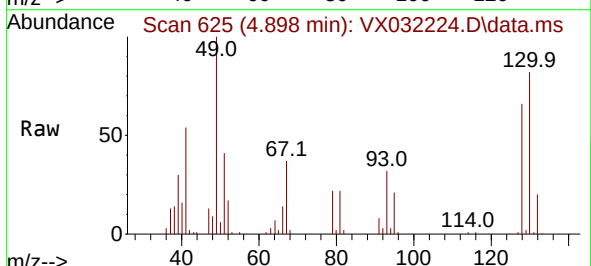
Manual Integrations
 APPROVED

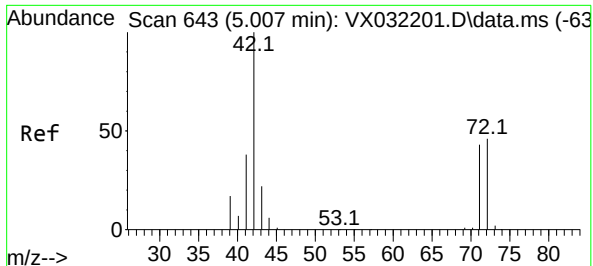
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022



#28
 Bromochloromethane
 Concen: 49.448 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VX032224.D
 Acq: 19 Oct 2022 21:37

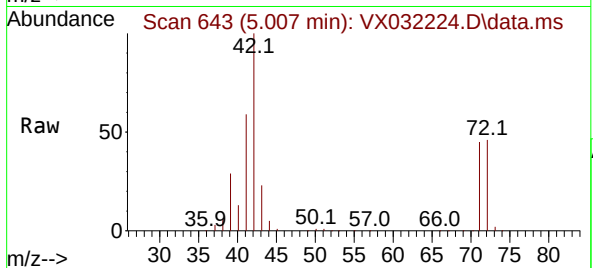
Tgt Ion: 49 Resp: 48954
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 86.3 68.3 102.5





#29
Tetrahydrofuran
Concen: 253.717 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

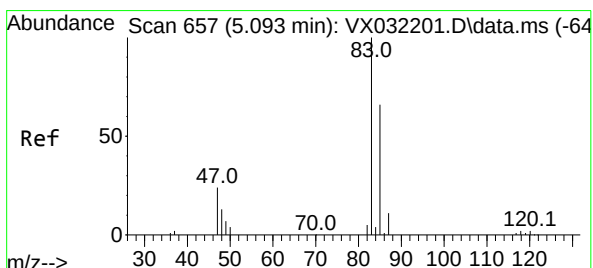
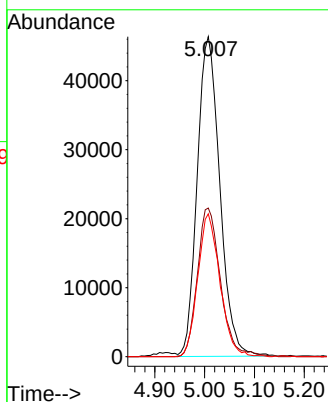
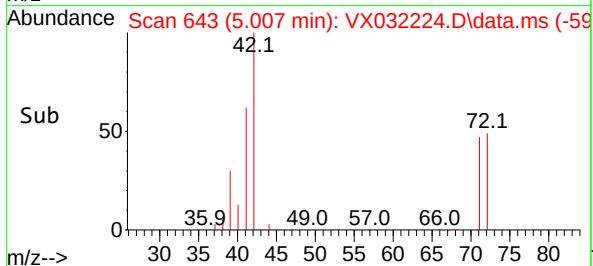
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 14612
Ion Ratio Lower Upper
42 100
72 47.4 37.5 56.3
71 43.7 34.7 52.1

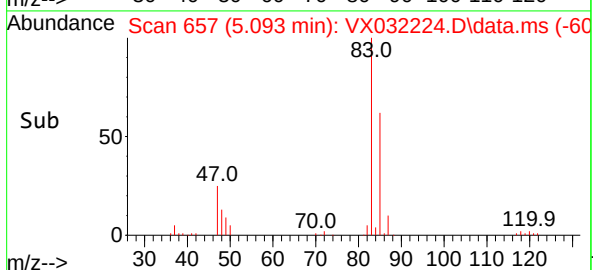
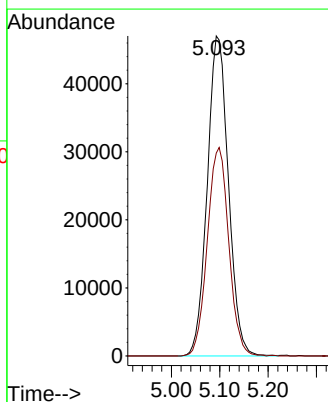
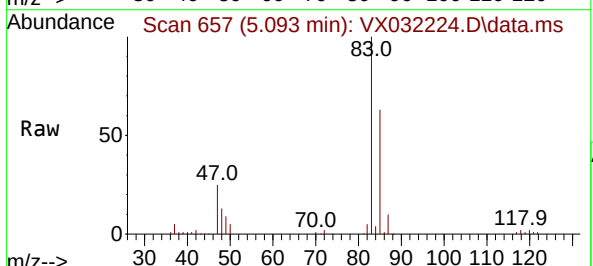
Manual Integrations
APPROVED

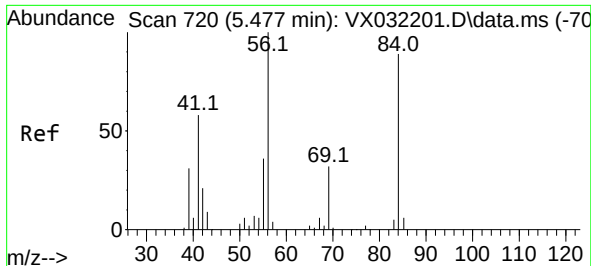
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#30
Chloroform
Concen: 54.641 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

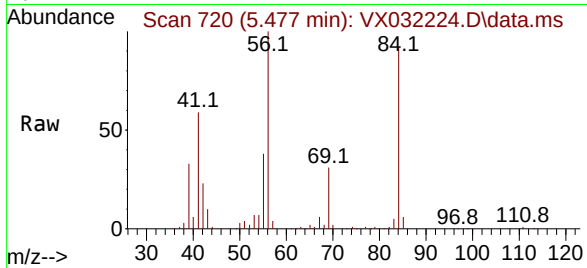
Tgt Ion: 83 Resp: 142713
Ion Ratio Lower Upper
83 100
85 63.4 52.5 78.7





#31
Cyclohexane
Concen: 54.975 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

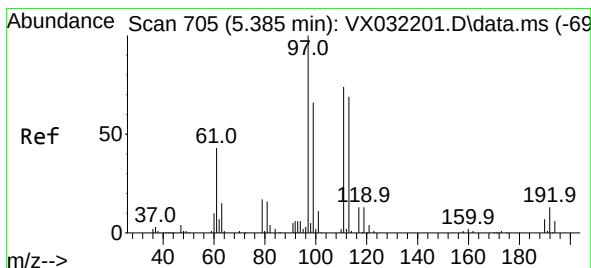
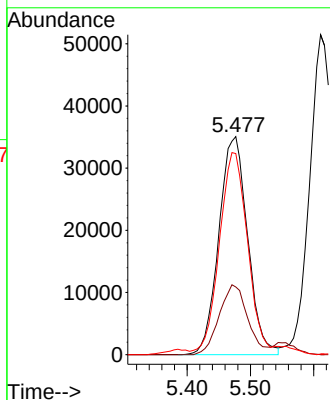
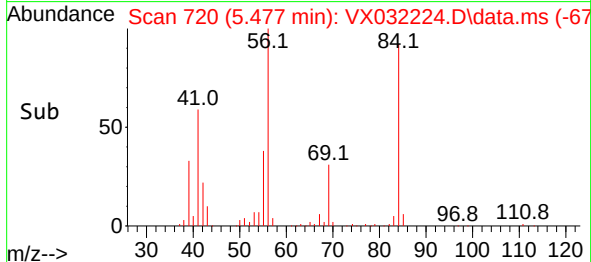
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 110610
Ion Ratio Lower Upper
56 100
69 31.0 25.4 38.0
84 89.7 71.2 106.8

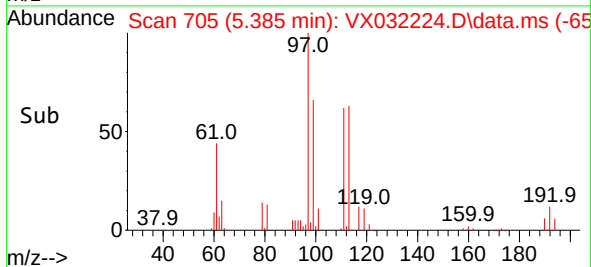
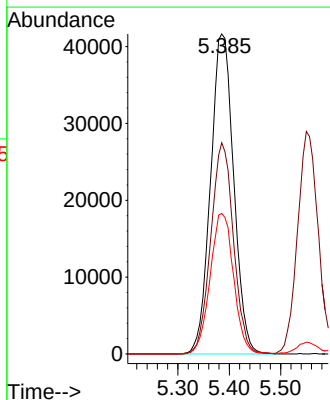
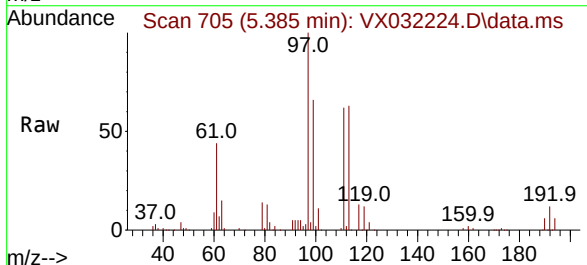
Manual Integrations
APPROVED

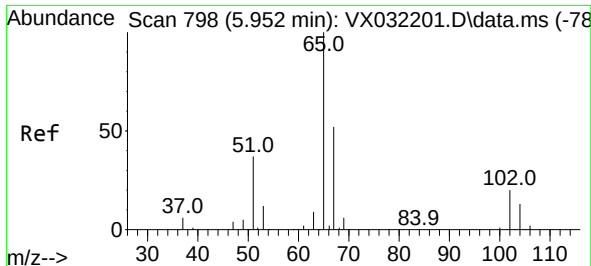
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#32
1,1,1-Trichloroethane
Concen: 58.405 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

Tgt Ion: 97 Resp: 130084
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.8
61 44.5 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 53.291 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX032224.D

Acq: 19 Oct 2022 21:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 93790

Ion Ratio Lower Upper

65 100

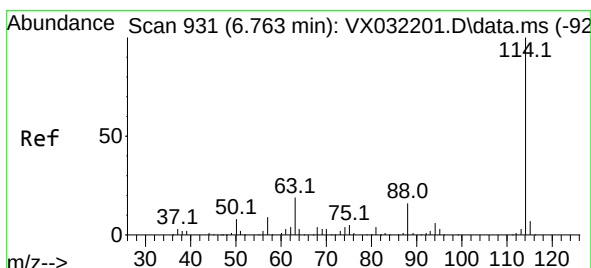
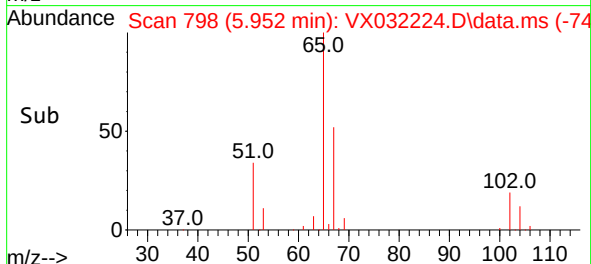
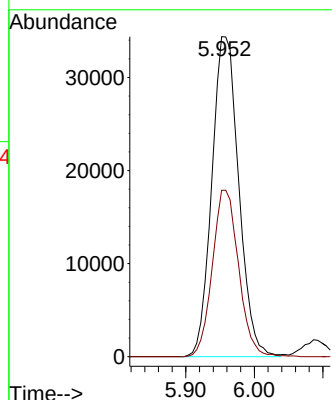
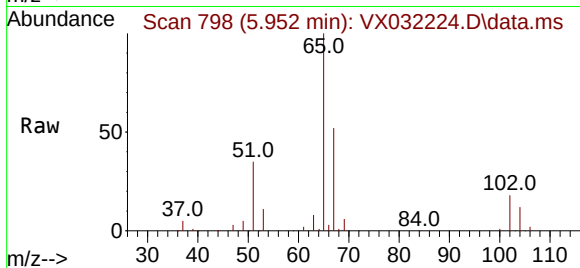
67 50.7 0.0 103.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

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. 0.000 min

Lab File: VX032224.D

Acq: 19 Oct 2022 21:37

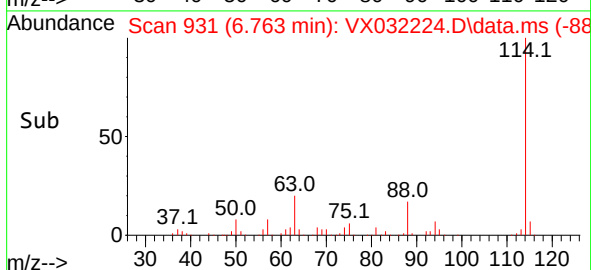
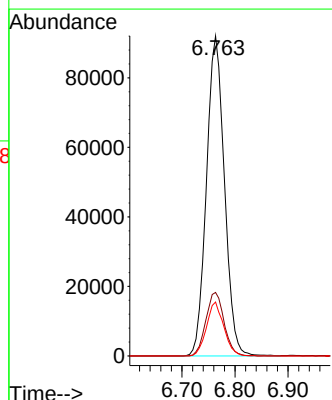
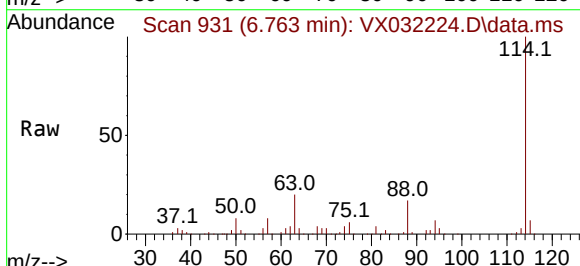
Tgt Ion:114 Resp: 216777

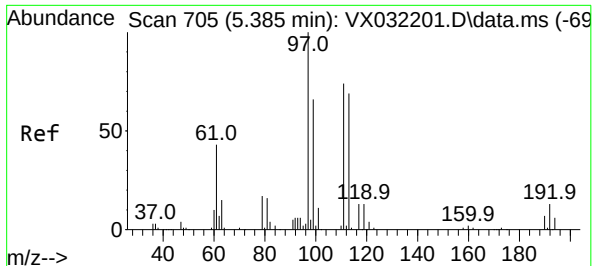
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.6

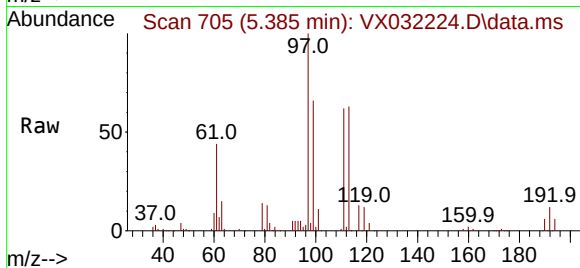
88 16.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 49.863 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

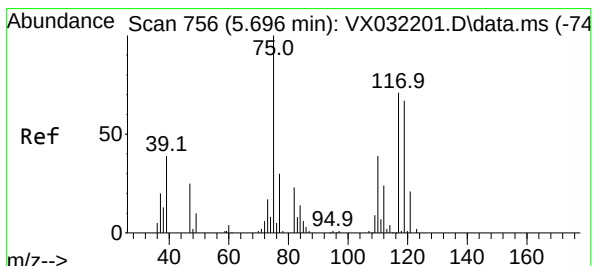
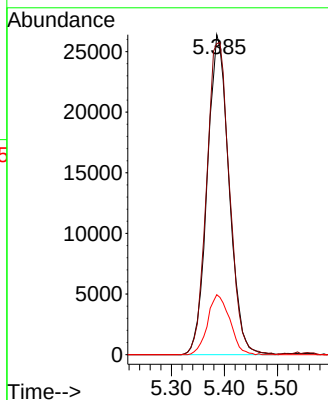
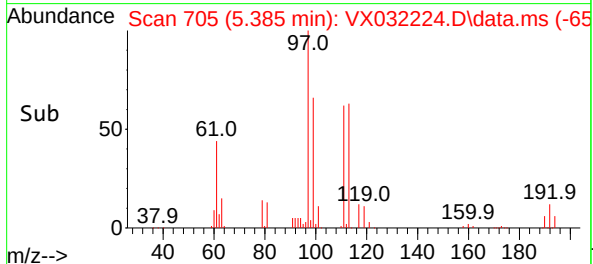
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 7521
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 19.1 15.5 23.3

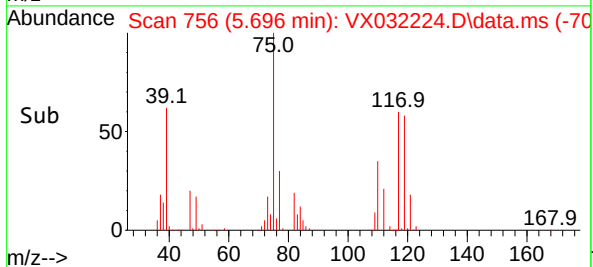
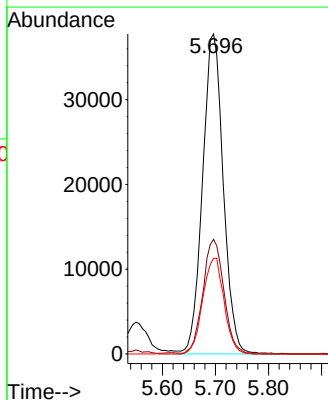
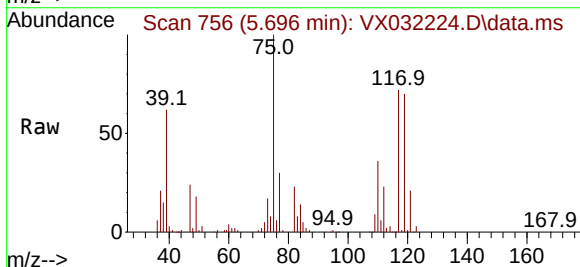
Manual Integrations
APPROVED

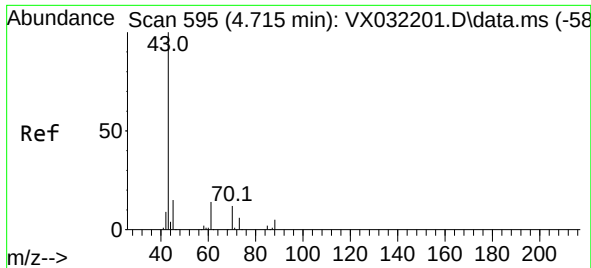
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#36
1,1-Dichloropropene
Concen: 52.875 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

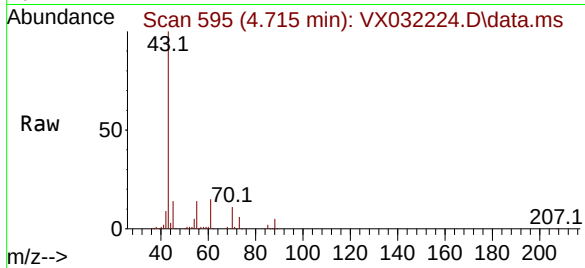
Tgt Ion: 75 Resp: 102600
Ion Ratio Lower Upper
75 100
110 36.3 18.4 55.0
77 30.7 24.7 37.1





#37
Ethyl Acetate
Concen: 49.983 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

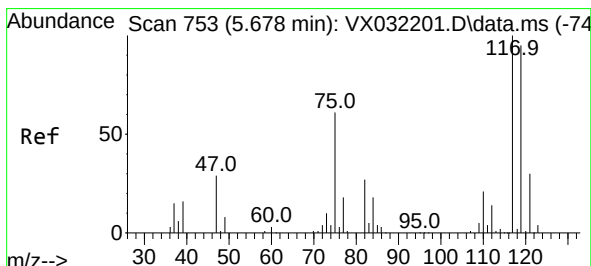
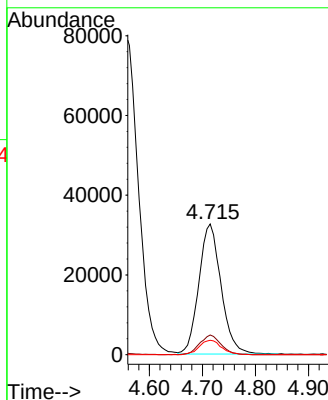
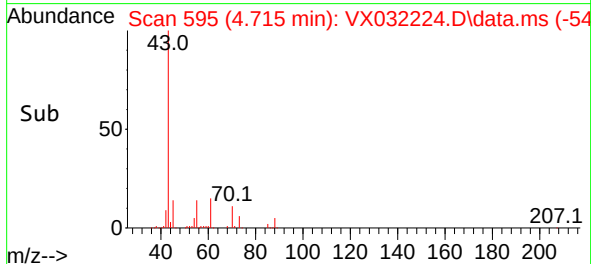
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 94962
Ion Ratio Lower Upper
43 100
61 14.5 11.4 17.2
70 11.2 8.8 13.2

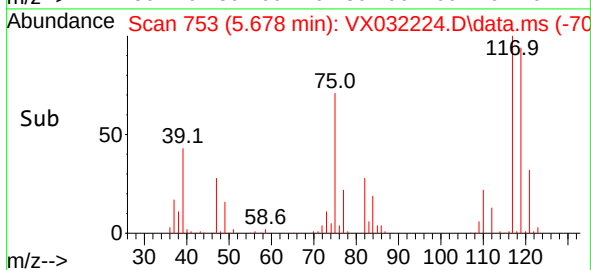
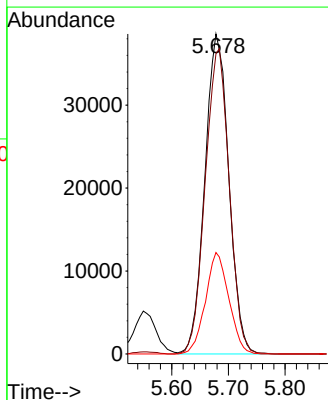
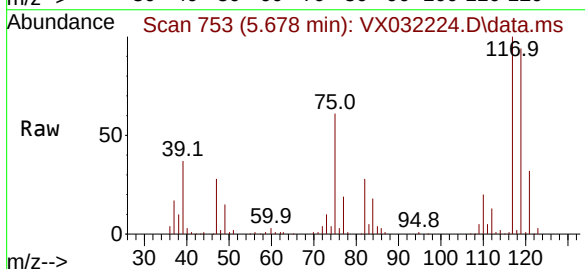
Manual Integrations
APPROVED

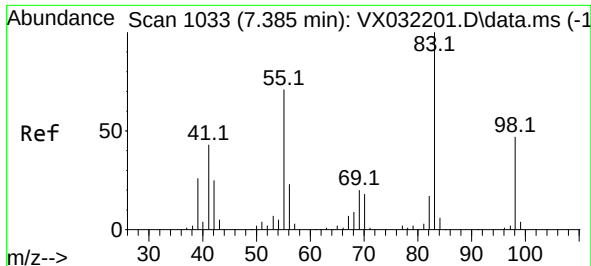
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#38
Carbon Tetrachloride
Concen: 55.349 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

Tgt Ion:117 Resp: 113379
Ion Ratio Lower Upper
117 100
119 93.8 75.4 113.0
121 31.7 23.9 35.9





#39

Methylcyclohexane

Concen: 53.949 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX032224.D

Acq: 19 Oct 2022 21:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 125050

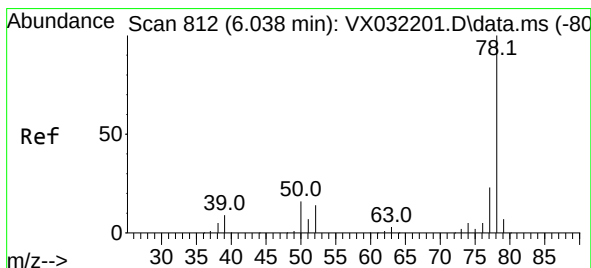
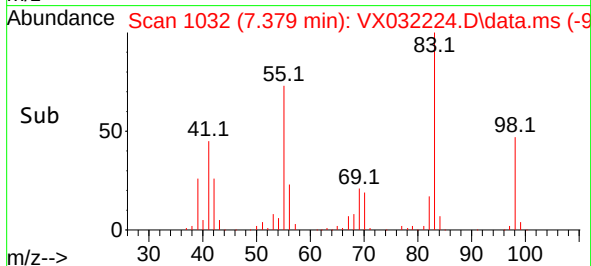
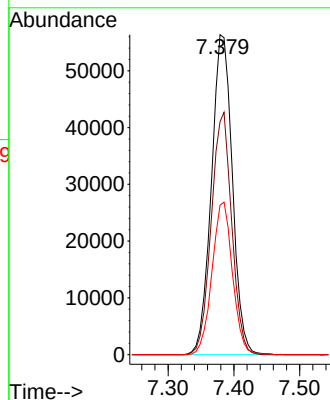
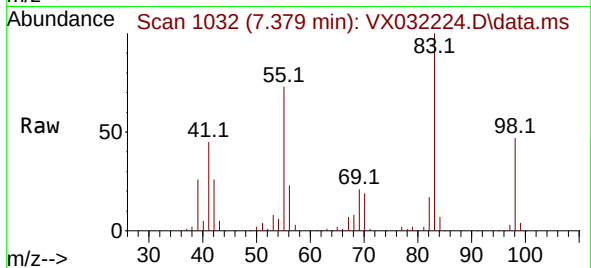
Ion	Ratio	Lower	Upper
83	100		
55	72.8	56.6	85.0
98	46.7	37.4	56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#40

Benzene

Concen: 52.027 ug/l

RT: 6.038 min Scan# 812

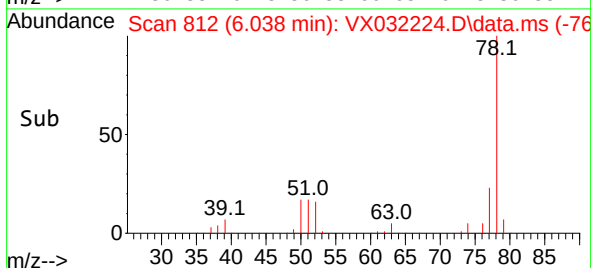
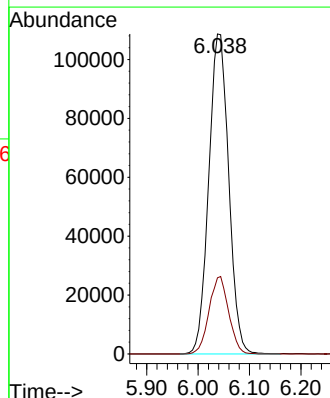
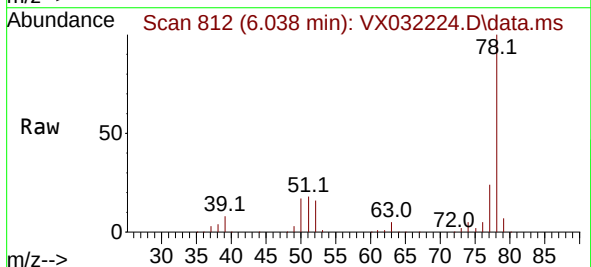
Delta R.T. -0.000 min

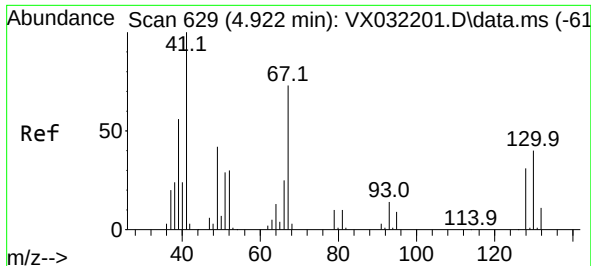
Lab File: VX032224.D

Acq: 19 Oct 2022 21:37

Tgt Ion: 78 Resp: 292598

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	27.8





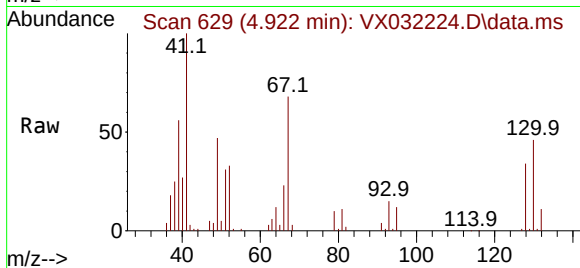
#41
Methacrylonitrile
Concen: 52.435 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

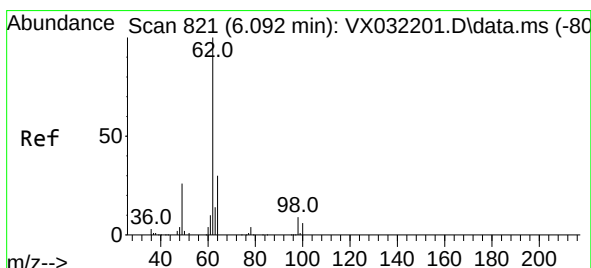
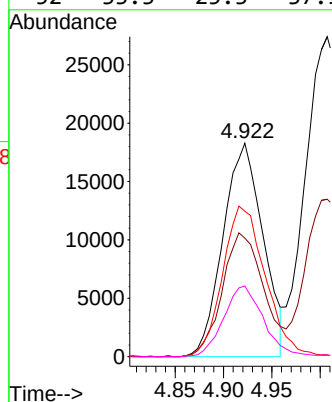
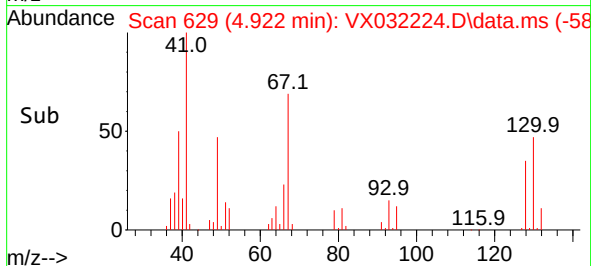


Tgt Ion: 41 Resp: 5253
Ion Ratio Lower Upper
41 100
39 60.7 45.5 68.3
67 75.4 59.4 89.2
52 33.3 25.3 37.9

Manual Integrations

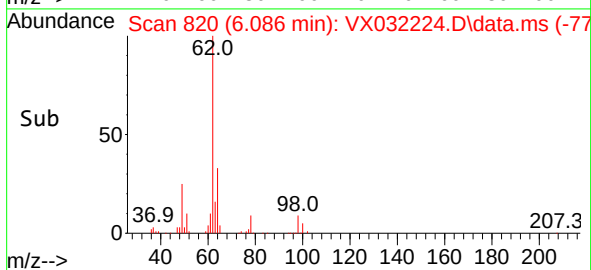
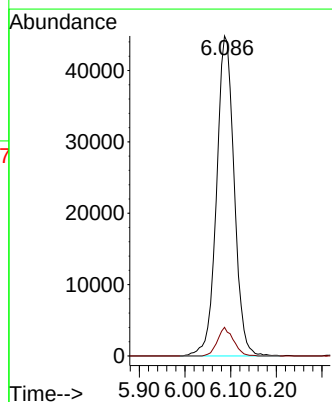
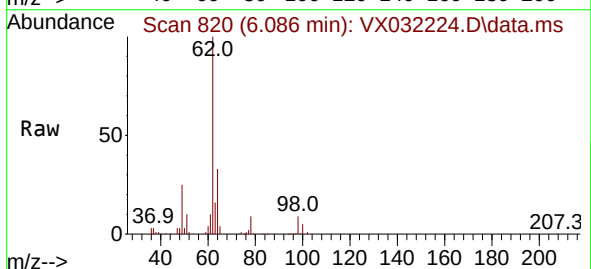
APPROVED

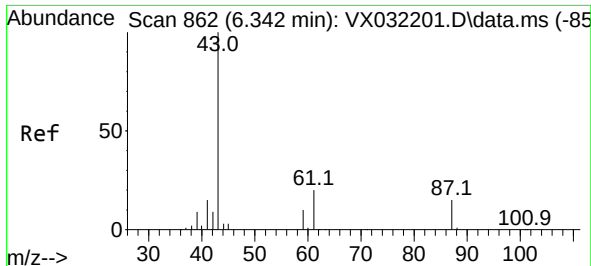
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#42
1,2-Dichloroethane
Concen: 55.791 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

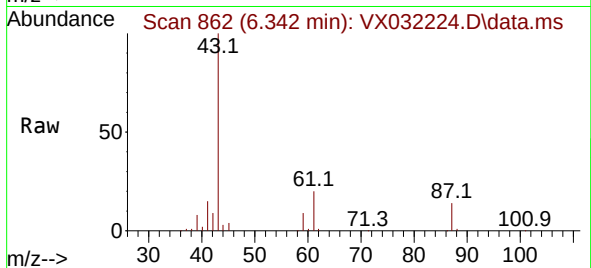
Tgt Ion: 62 Resp: 120185
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.4





#43
Isopropyl Acetate
Concen: 54.030 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

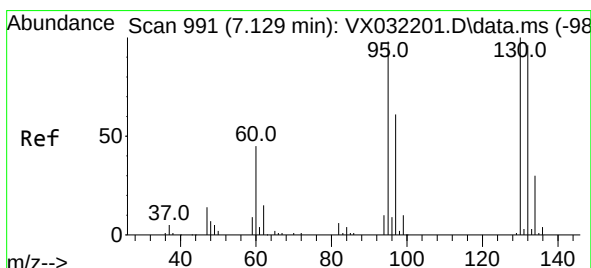
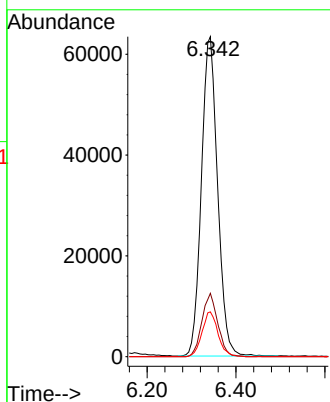
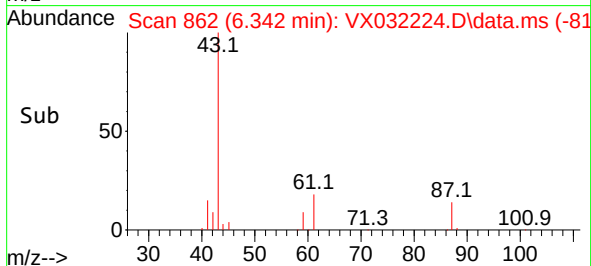
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 16111
Ion Ratio Lower Upper
43 100
61 19.4 15.5 23.3
87 13.8 11.0 16.6

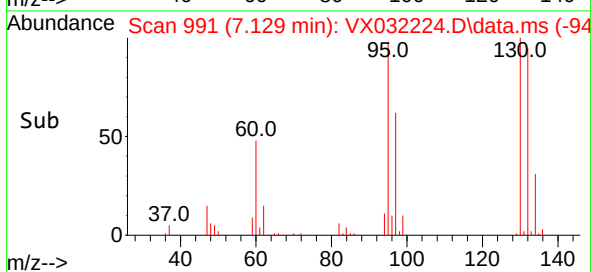
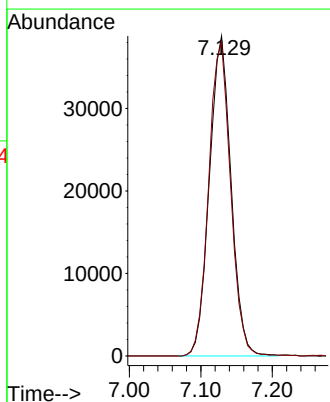
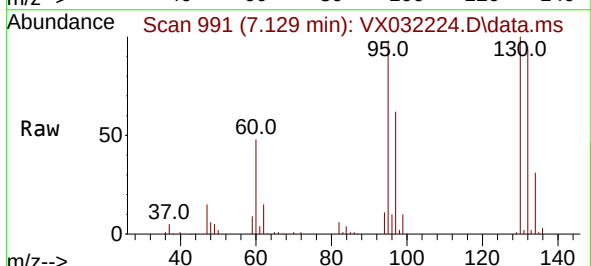
Manual Integrations
APPROVED

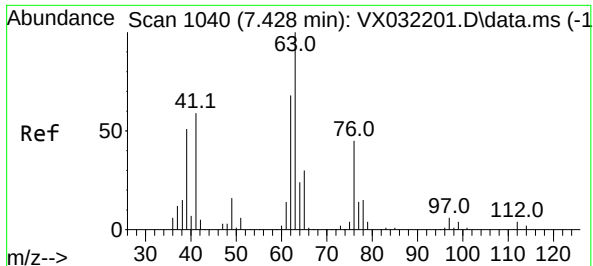
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#44
Trichloroethene
Concen: 52.706 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

Tgt Ion:130 Resp: 81627
Ion Ratio Lower Upper
130 100
95 98.1 0.0 196.8





#45

1,2-Dichloropropane

Concen: 53.316 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX032224.D

Acq: 19 Oct 2022 21:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7564

Ion Ratio Lower Upper

63 100

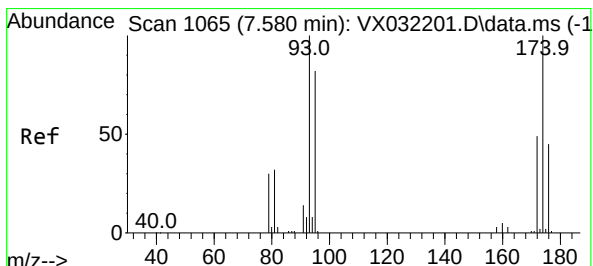
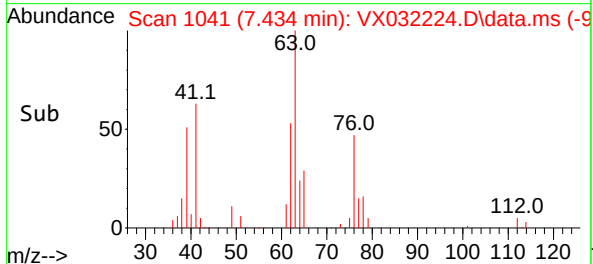
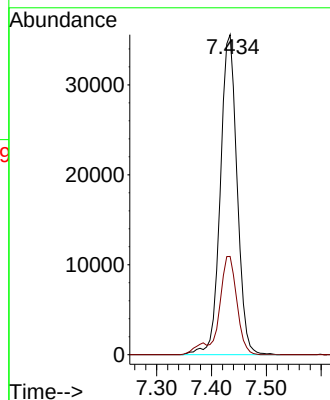
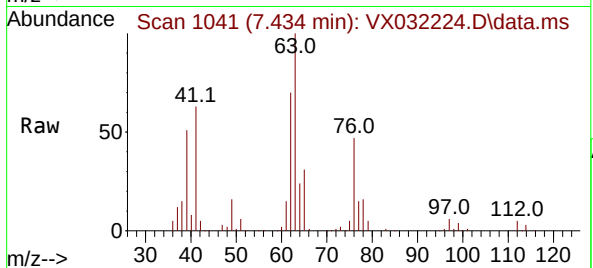
65 30.7 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#46

Dibromomethane

Concen: 54.168 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX032224.D

Acq: 19 Oct 2022 21:37

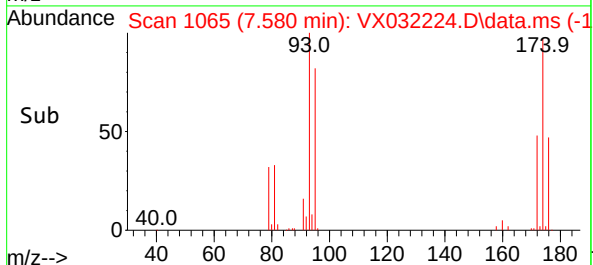
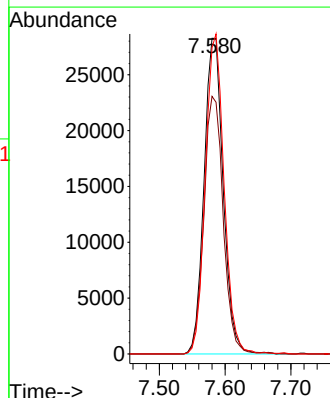
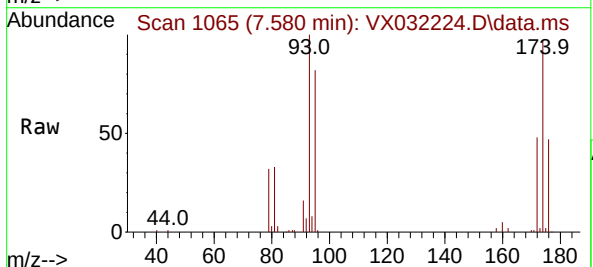
Tgt Ion: 93 Resp: 57319

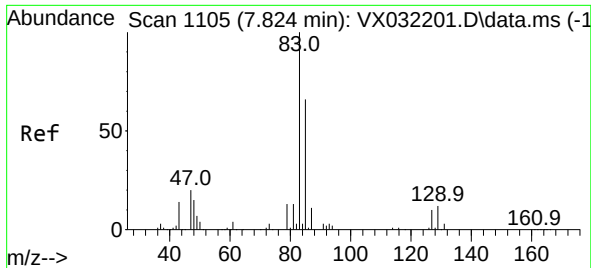
Ion Ratio Lower Upper

93 100

95 82.2 66.1 99.1

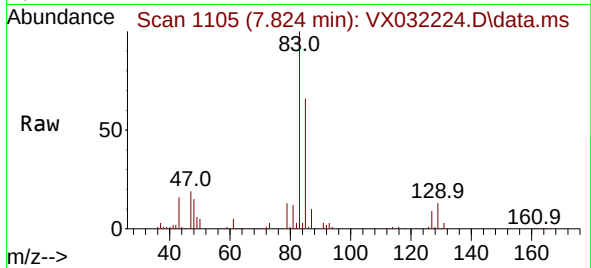
174 99.0 80.7 121.1





#47
Bromodichloromethane
Concen: 55.468 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

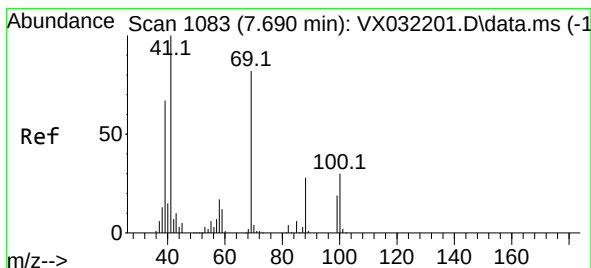
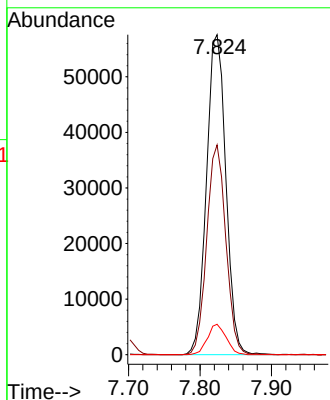
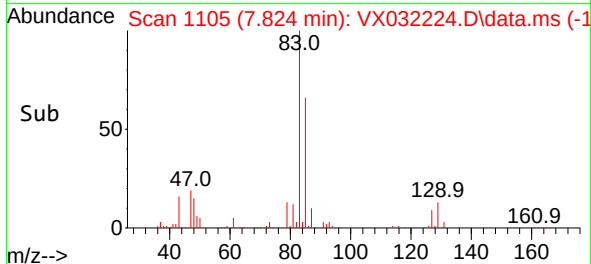
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC



Tgt Ion: 83 Resp: 108425
Ion Ratio Lower Upper
83 100
85 65.6 53.0 79.6
127 9.5 7.8 11.8

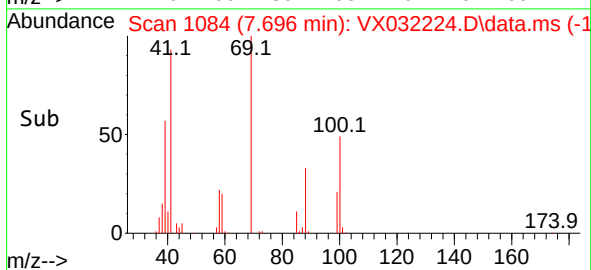
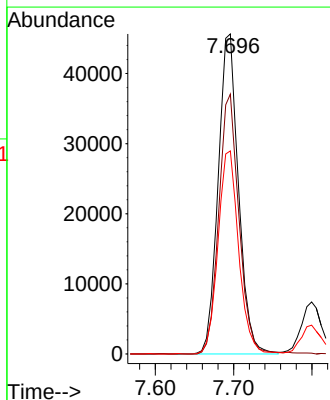
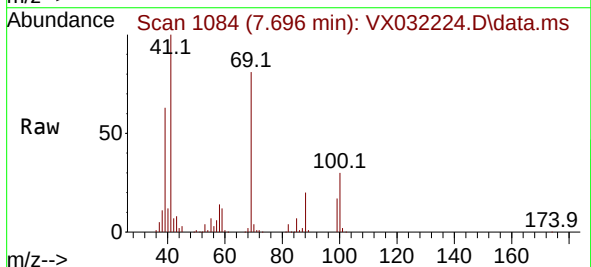
Manual Integrations
APPROVED

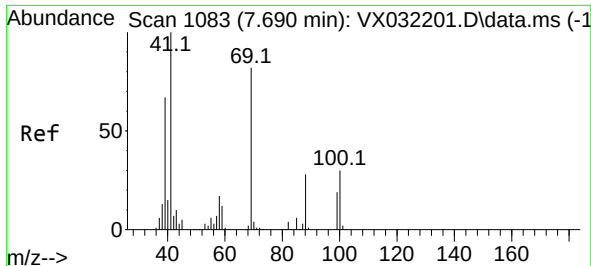
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#48
Methyl methacrylate
Concen: 55.431 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

Tgt Ion: 41 Resp: 82434
Ion Ratio Lower Upper
41 100
69 81.0 67.3 100.9
39 64.7 53.8 80.8





#49

1,4-Dioxane

Concen: 908.977 ug/l

RT: 7.684 min Scan# 1083

Delta R.T. -0.006 min

Lab File: VX032224.D

Acq: 19 Oct 2022 21:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

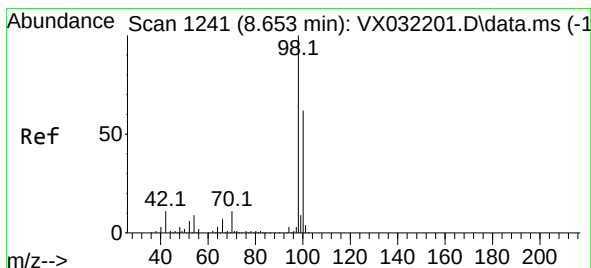
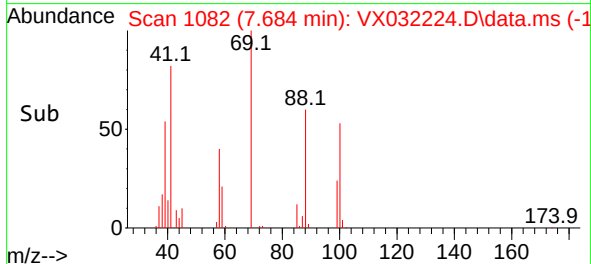
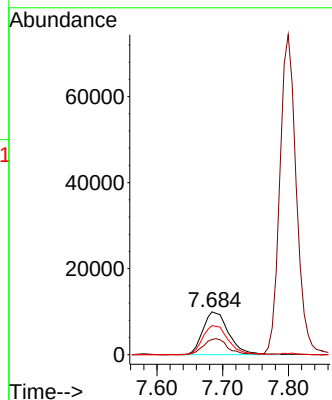
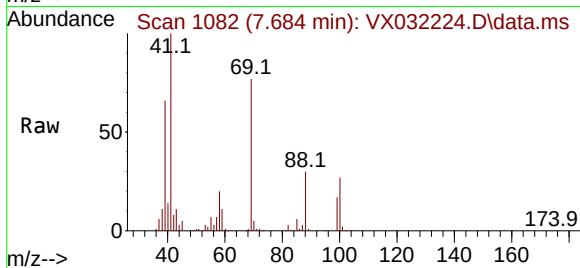
Tgt Ion:	88	Resp:	27129
Ion	Ratio	Lower	Upper
88	100		
43	35.5	26.9	40.3
58	67.2	50.7	76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#50

Toluene-d8

Concen: 50.108 ug/l

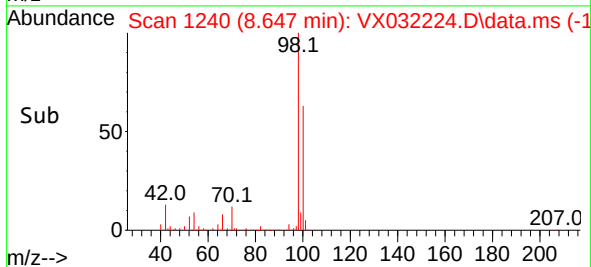
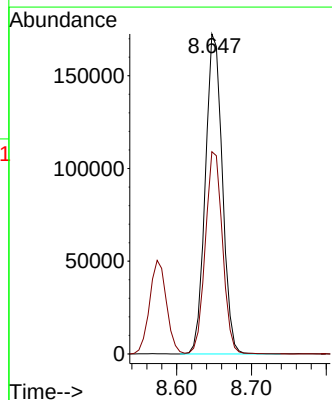
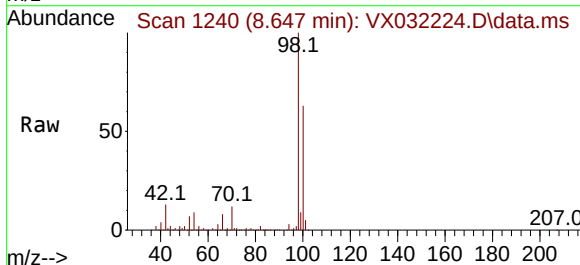
RT: 8.647 min Scan# 1240

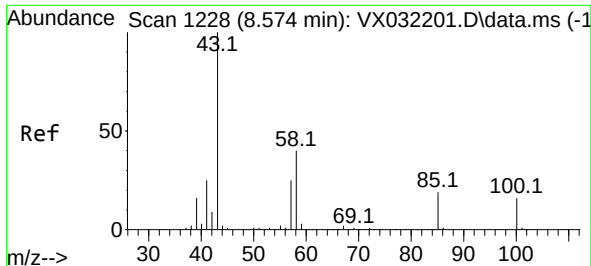
Delta R.T. -0.006 min

Lab File: VX032224.D

Acq: 19 Oct 2022 21:37

Tgt Ion:	98	Resp:	272090
Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.7	76.1





#51
4-Methyl-2-Pentanone
Concen: 258.970 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

Instrument :

MSVOA_X

ClientSampleId :

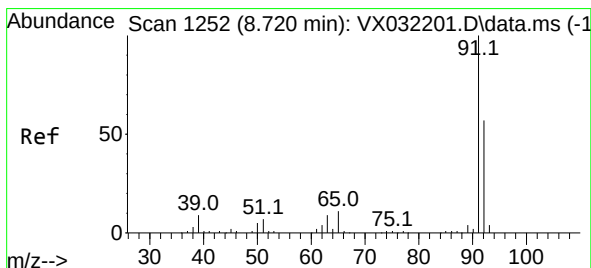
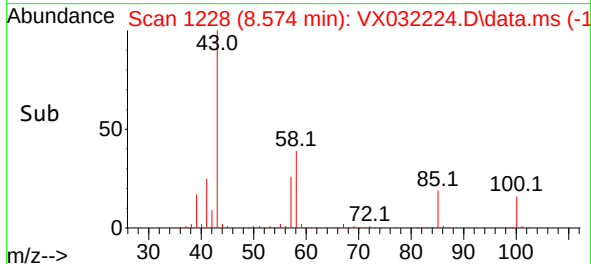
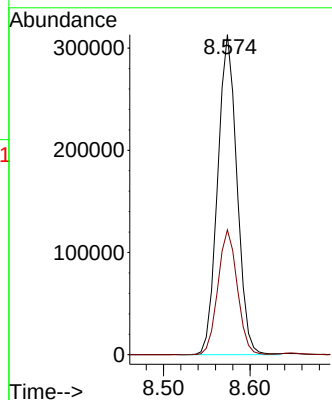
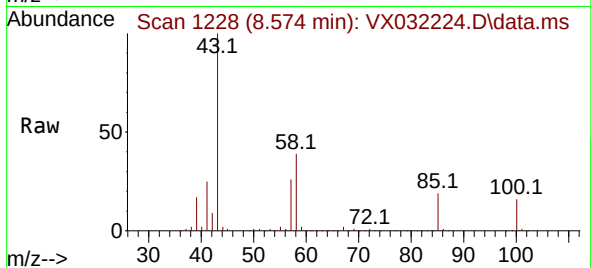
VSTDCCC050EC

Tgt Ion: 43 Resp: 484072
Ion Ratio Lower Upper
43 100
58 39.1 31.0 46.4

Manual Integrations

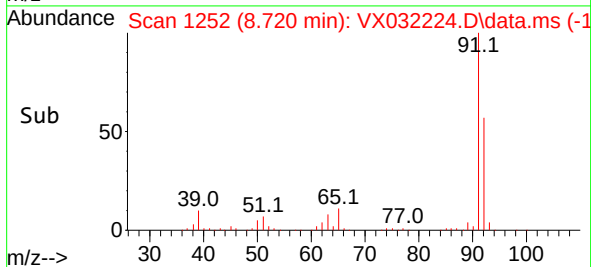
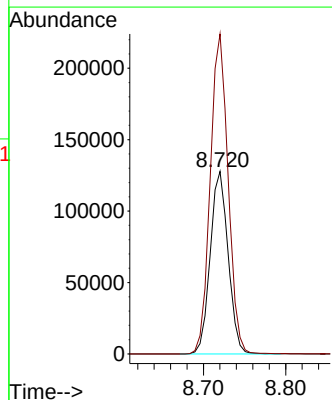
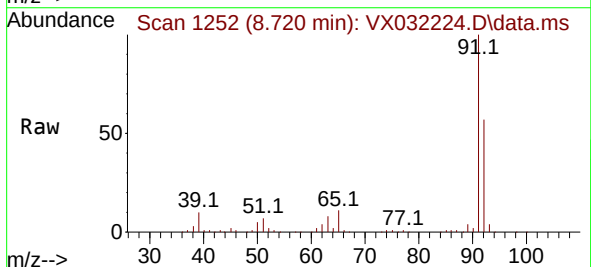
APPROVED

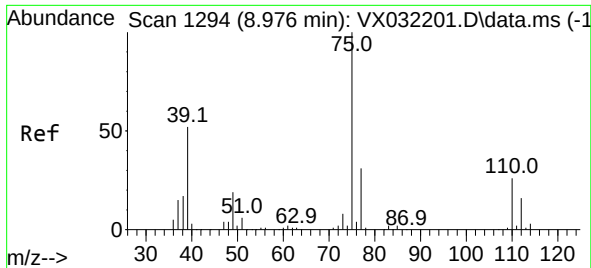
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#52
Toluene
Concen: 53.151 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

Tgt Ion: 92 Resp: 193637
Ion Ratio Lower Upper
92 100
91 175.2 140.3 210.5





#53
t-1,3-Dichloropropene
Concen: 50.984 ug/l
RT: 8.976 min Scan# 11238
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

Instrument :

MSVOA_X

ClientSampleId :

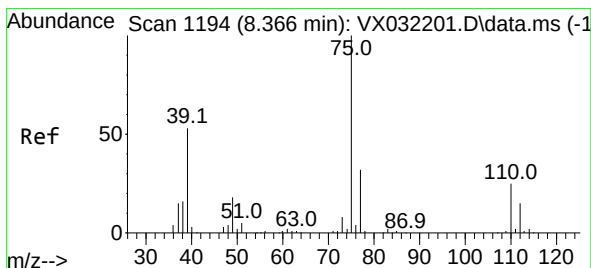
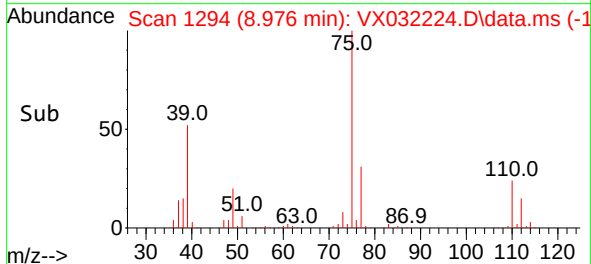
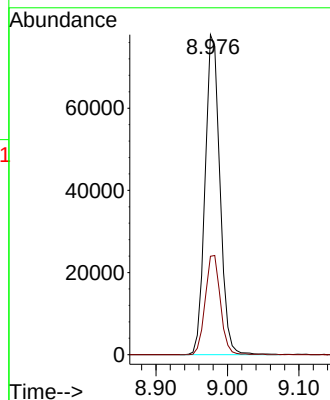
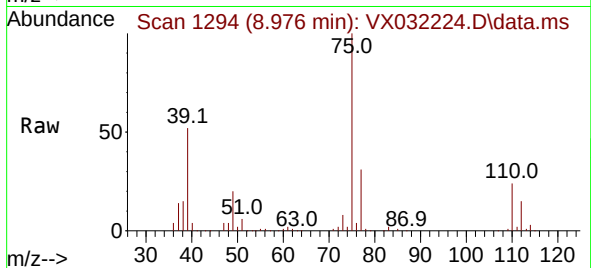
VSTDCCC050EC

Tgt Ion: 75 Resp: 11238
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8

Manual Integrations

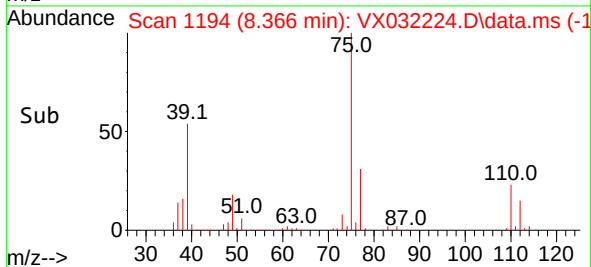
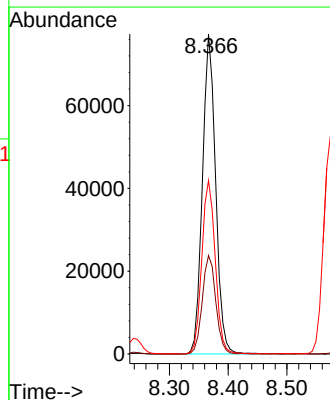
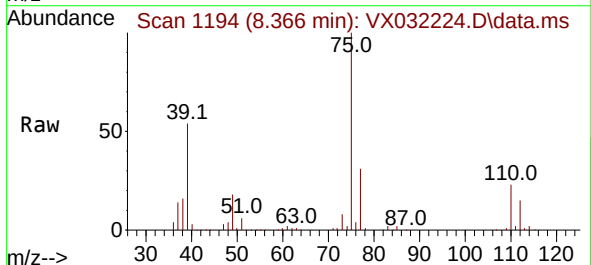
APPROVED

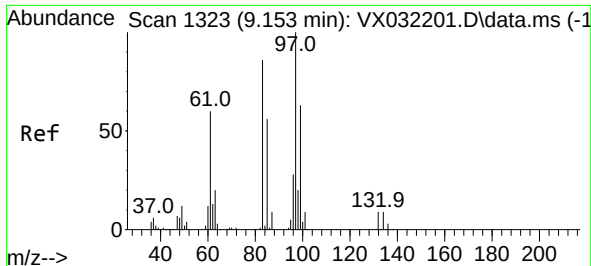
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#54
cis-1,3-Dichloropropene
Concen: 55.377 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

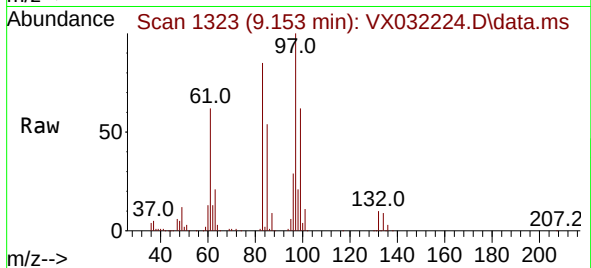
Tgt Ion: 75 Resp: 120615
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9
39 54.2 42.4 63.6





#55
1,1,2-Trichloroethane
Concen: 53.339 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

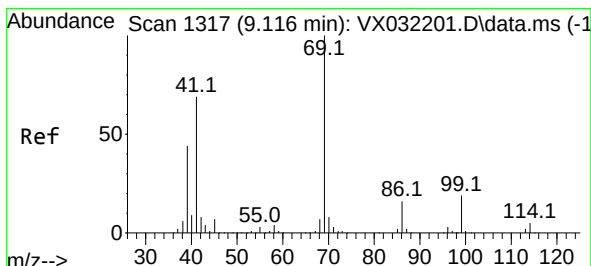
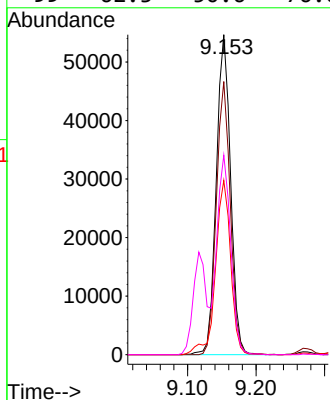
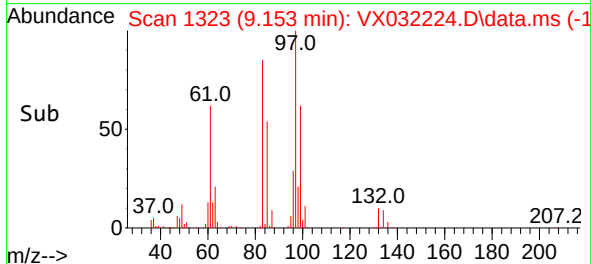
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



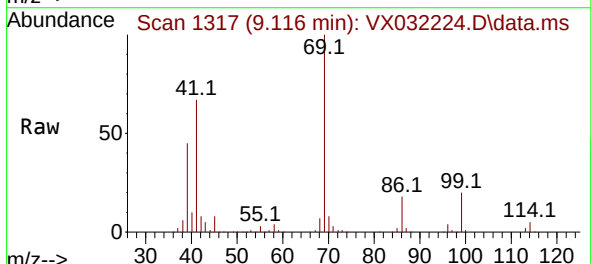
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.8	103.2
85	54.4	44.7	67.1
99	62.3	50.6	76.0

Manual Integrations
APPROVED

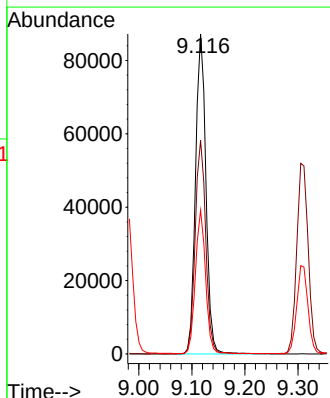
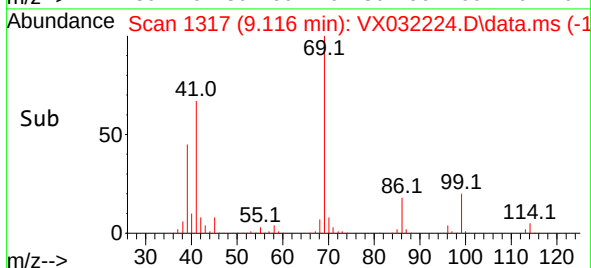
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

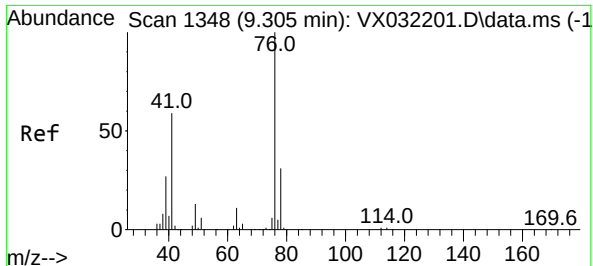


#56
Ethyl methacrylate
Concen: 55.579 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37



Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.5	54.5	81.7
39	44.0	35.7	53.5





#57

1,3-Dichloropropane

Concen: 54.032 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032224.D

Acq: 19 Oct 2022 21:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 129528

Ion Ratio Lower Upper

76 100

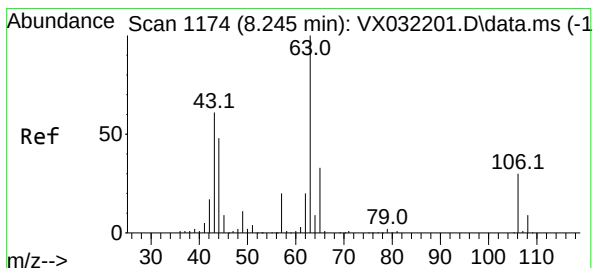
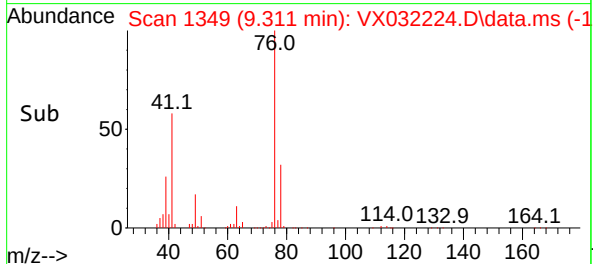
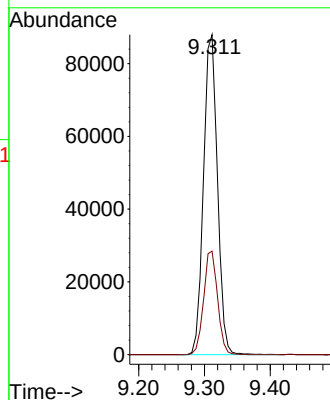
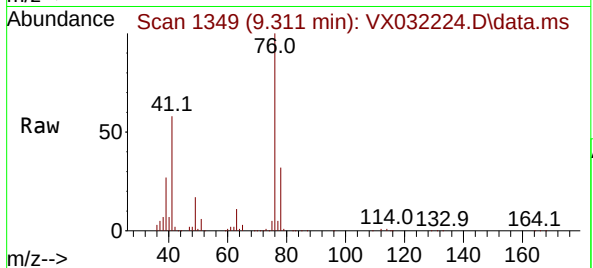
78 32.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 245.531 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX032224.D

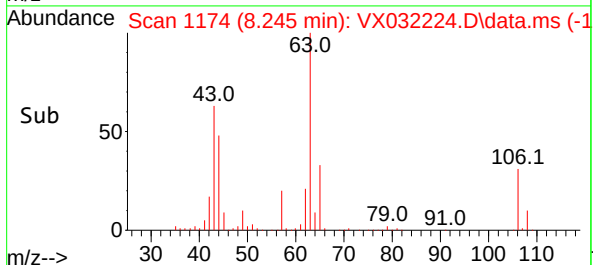
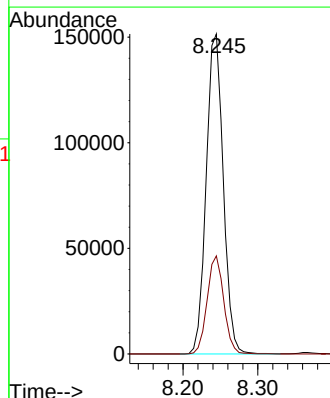
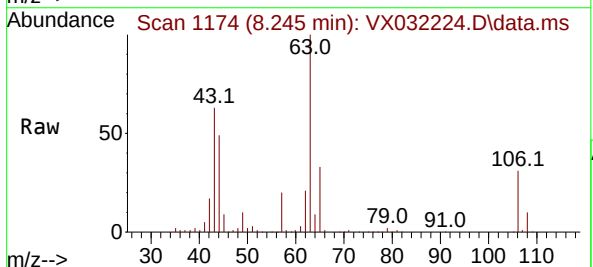
Acq: 19 Oct 2022 21:37

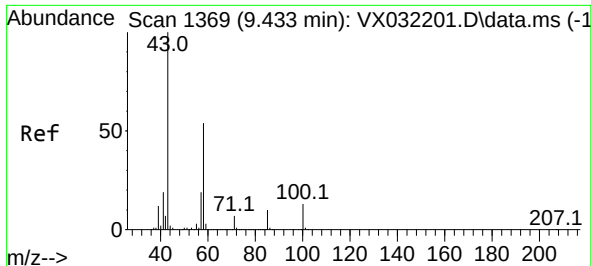
Tgt Ion: 63 Resp: 239881

Ion Ratio Lower Upper

63 100

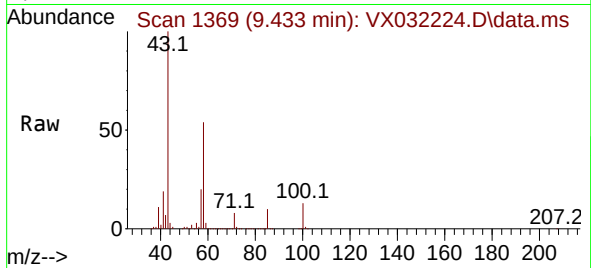
106 29.9 23.6 35.4





#59
2-Hexanone
Concen: 255.501 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

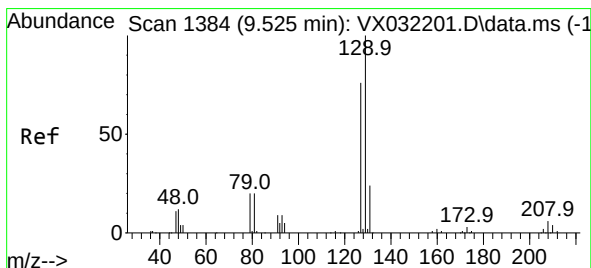
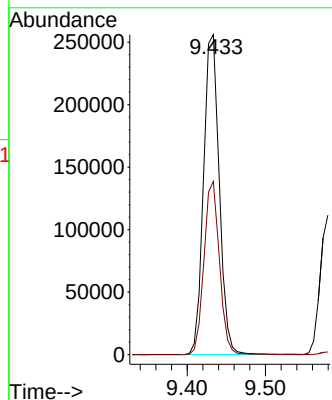
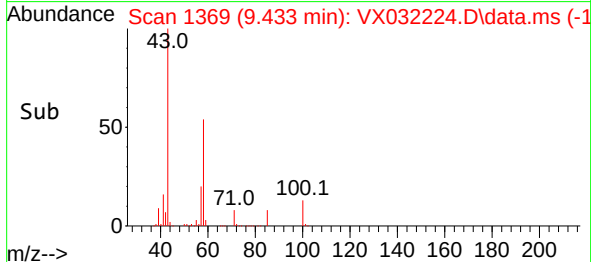
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 356358
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.1

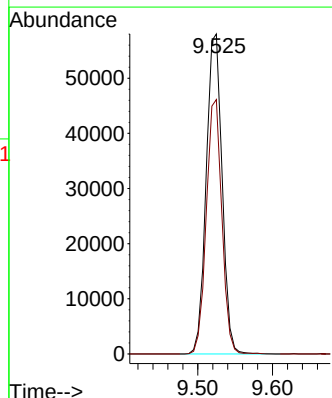
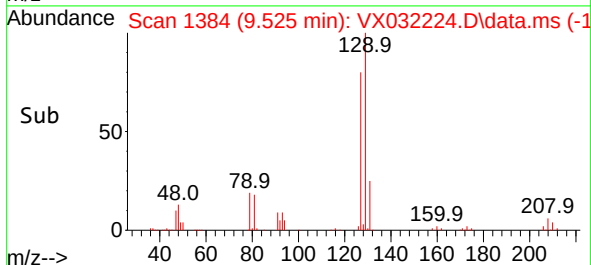
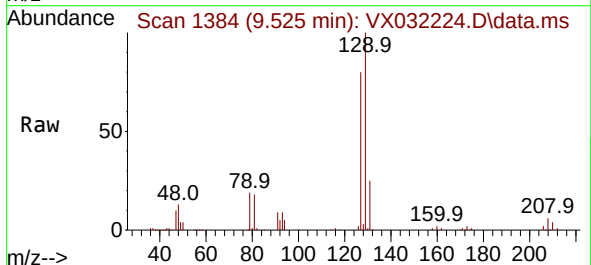
Manual Integrations
APPROVED

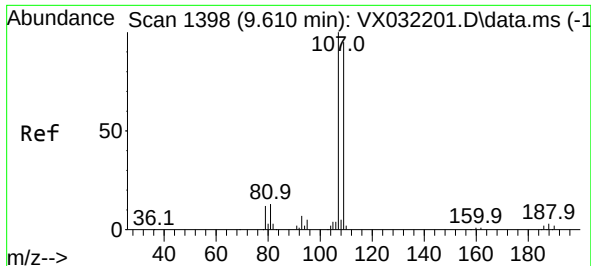
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#60
Dibromochloromethane
Concen: 56.564 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

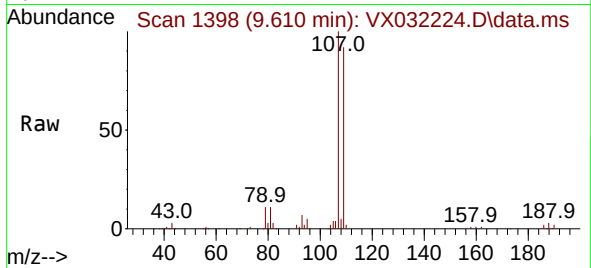
Tgt Ion:129 Resp: 85797
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2





#61
1,2-Dibromoethane
Concen: 54.426 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

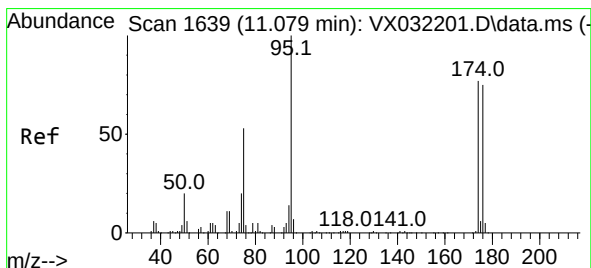
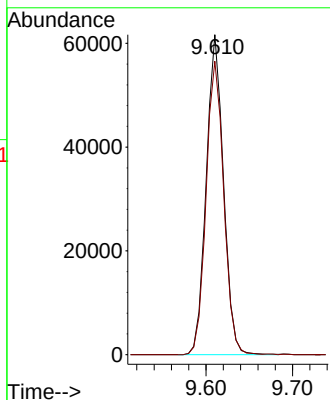
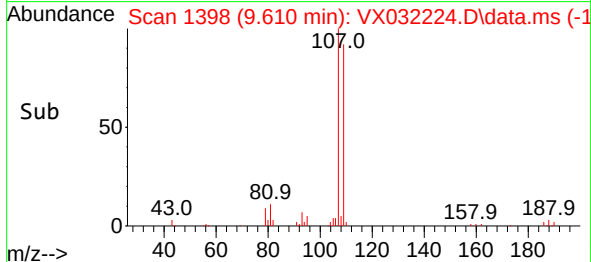
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



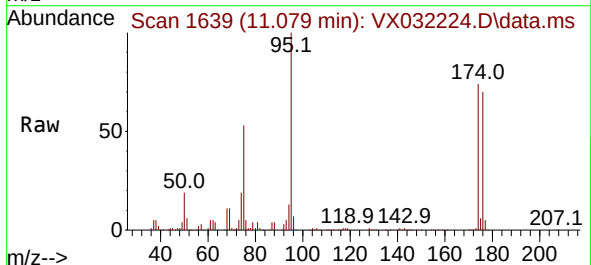
Tgt Ion:107 Resp: 85390
Ion Ratio Lower Upper
107 100
109 93.8 76.5 114.7

Manual Integrations
APPROVED

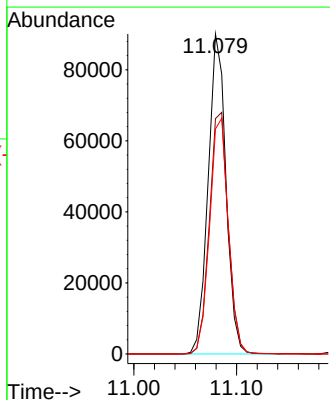
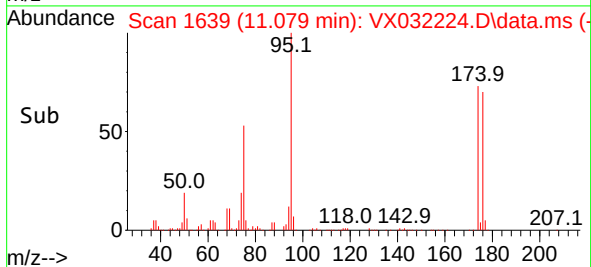
Reviewed By :John Carbone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

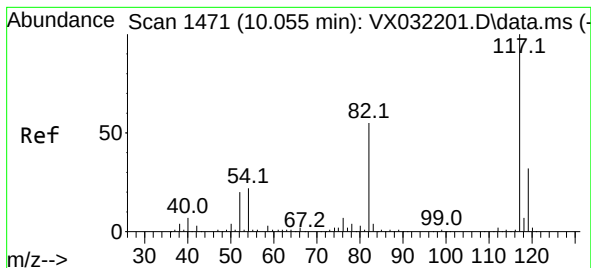


#62
4-Bromofluorobenzene
Concen: 54.747 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37



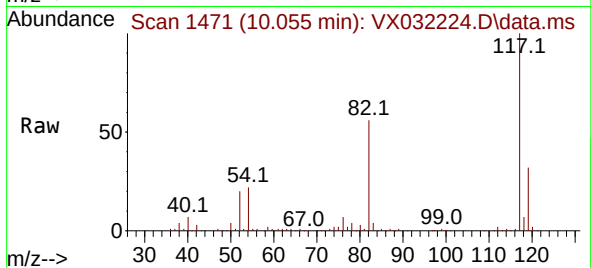
Tgt Ion: 95 Resp: 108859
Ion Ratio Lower Upper
95 100
174 79.9 0.0 166.8
176 77.4 0.0 161.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

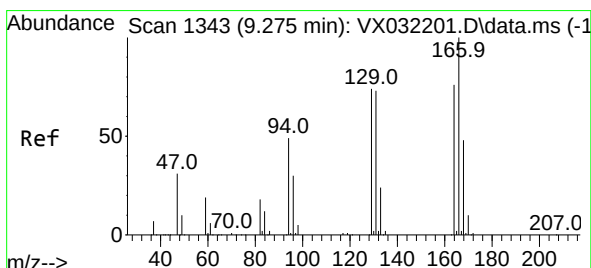
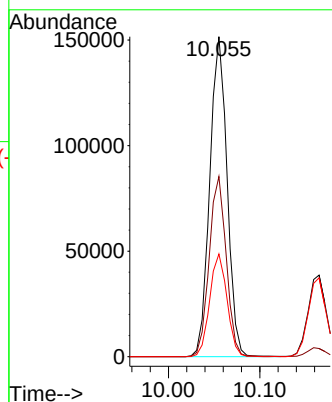
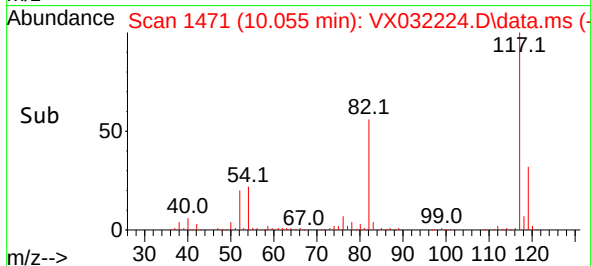
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 199062
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.4
119 32.1 25.8 38.8

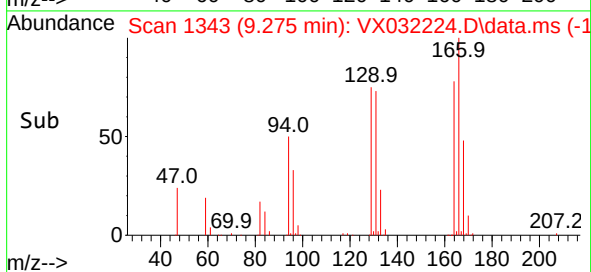
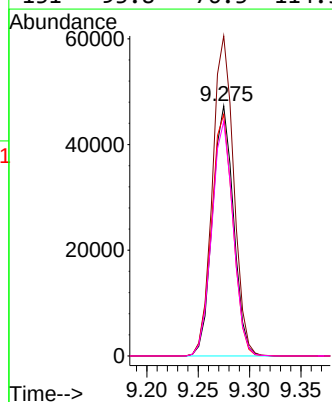
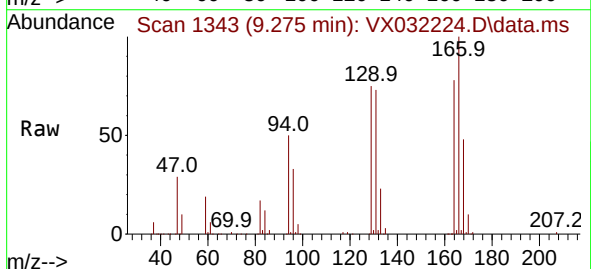
Manual Integrations
APPROVED

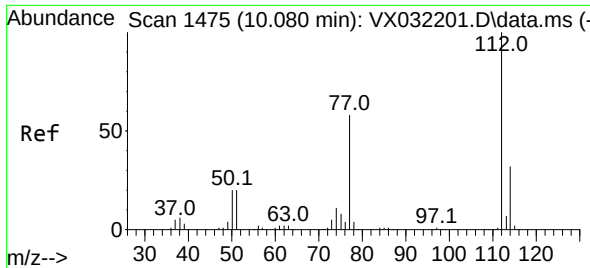
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#64
Tetrachloroethene
Concen: 51.265 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

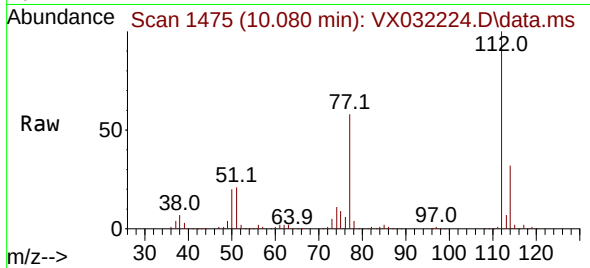
Tgt Ion:164 Resp: 67387
Ion Ratio Lower Upper
164 100
166 128.0 104.9 157.3
129 96.5 77.8 116.6
131 93.8 76.3 114.5





#65
Chlorobenzene
Concen: 52.203 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

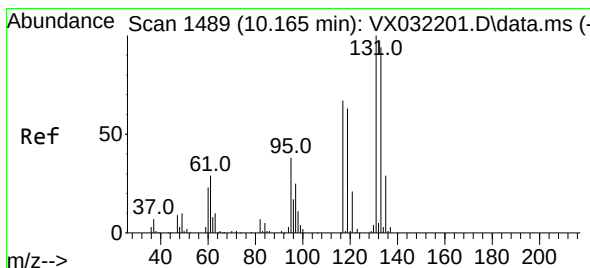
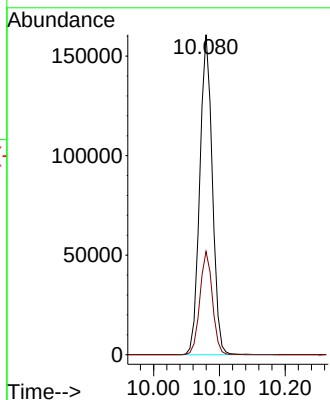
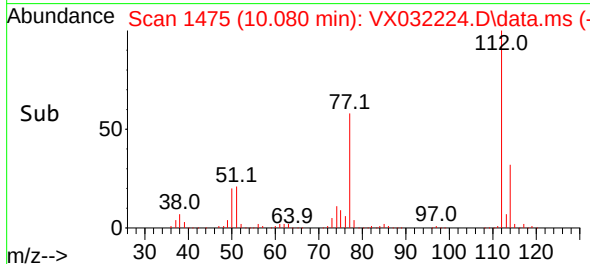
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



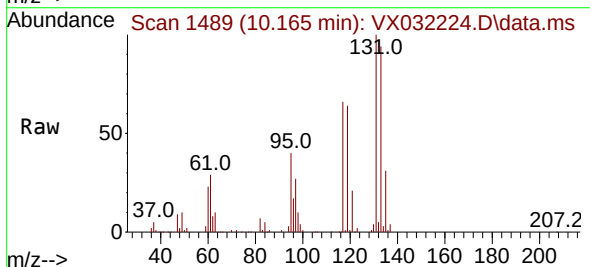
Tgt Ion:112 Resp: 213054
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

Manual Integrations
APPROVED

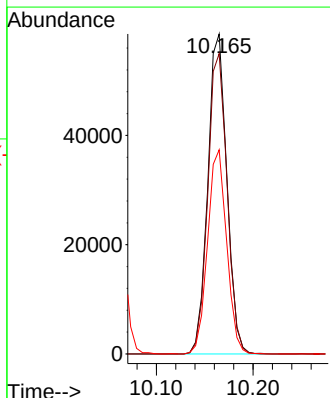
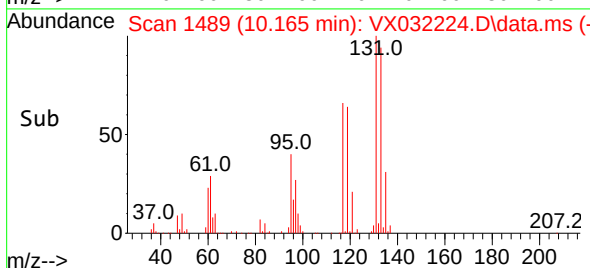
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

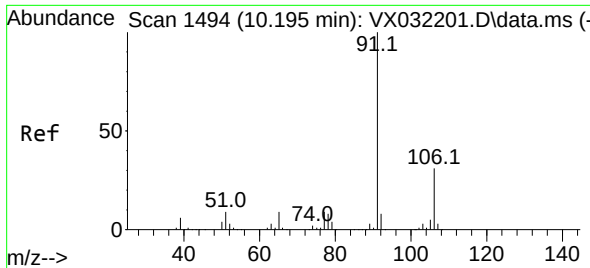


#66
1,1,1,2-Tetrachloroethane
Concen: 54.887 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37



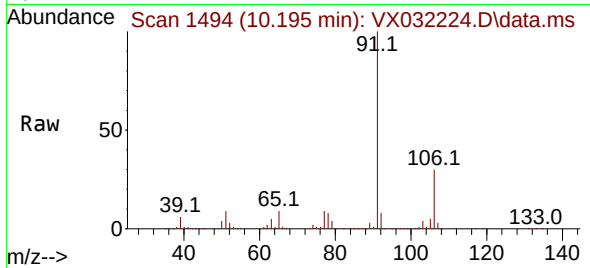
Tgt Ion:131 Resp: 80155
Ion Ratio Lower Upper
131 100
133 95.0 47.6 142.8
119 64.1 31.7 95.1





#67
Ethyl Benzene
Concen: 54.039 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

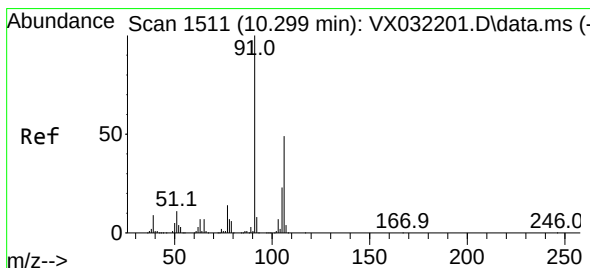
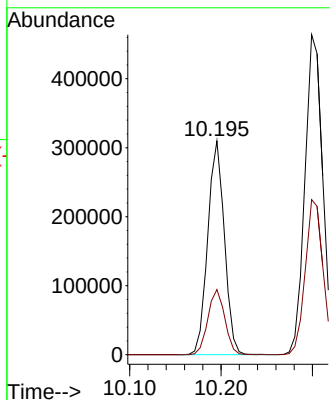
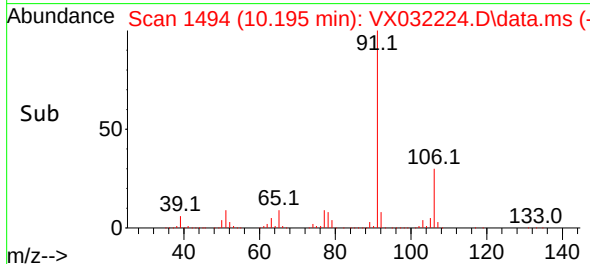
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



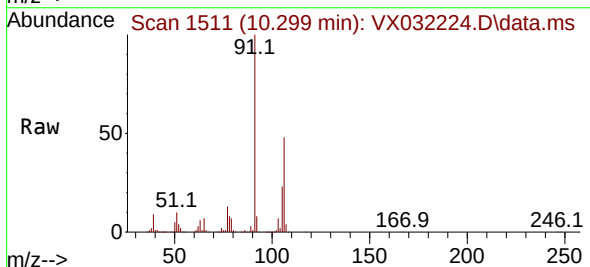
Tgt Ion: 91 Resp: 390478
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.4

Manual Integrations
APPROVED

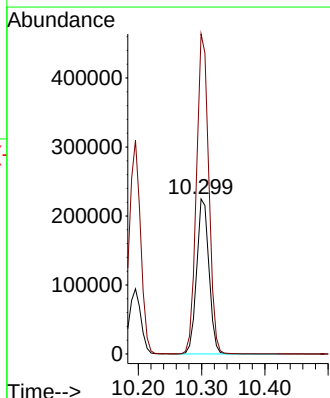
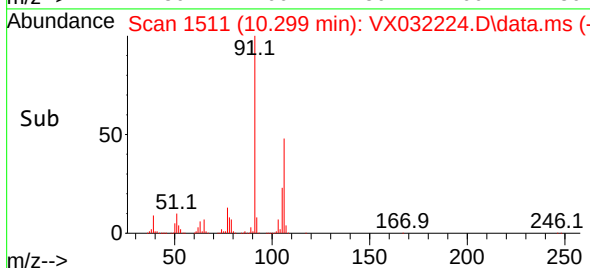
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

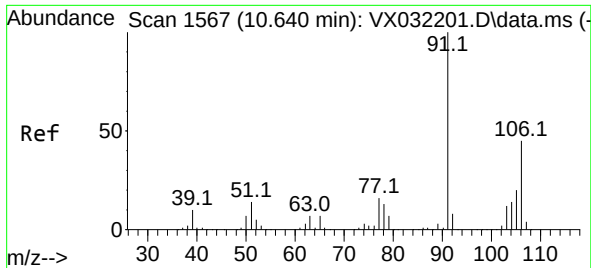


#68
m/p-Xylenes
Concen: 106.780 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37



Tgt Ion:106 Resp: 304705
Ion Ratio Lower Upper
106 100
91 206.3 162.6 244.0





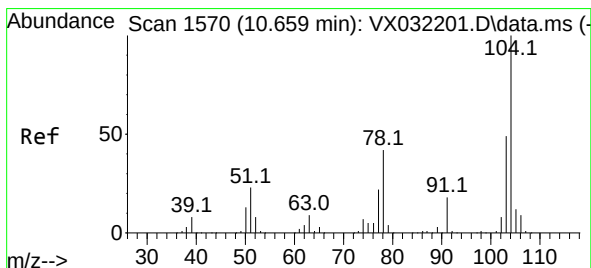
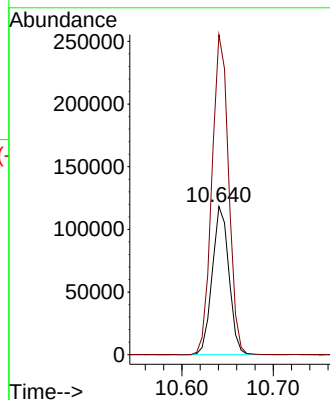
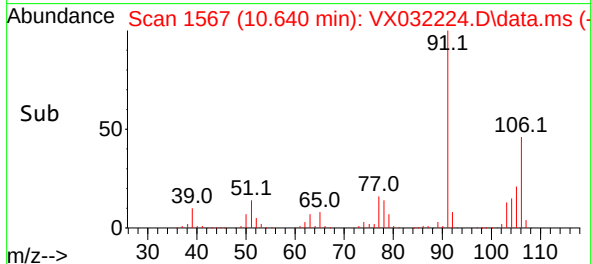
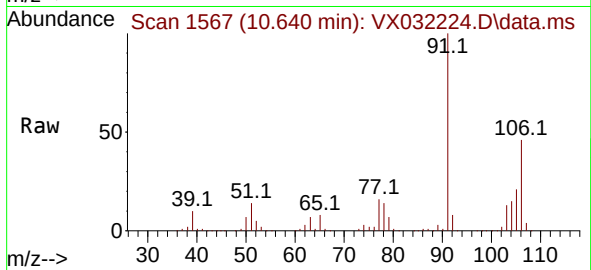
#69
o-Xylene
Concen: 54.698 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 149529
Ion Ratio Lower Upper
106 100
91 216.7 108.3 324.9

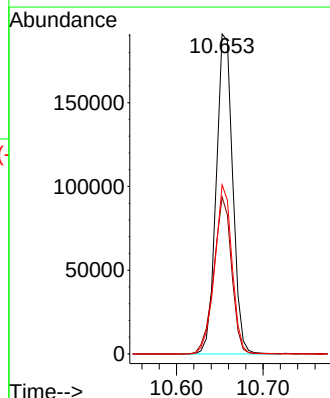
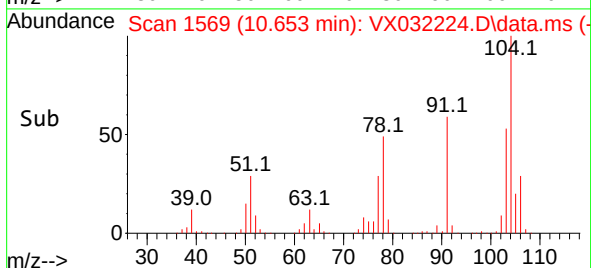
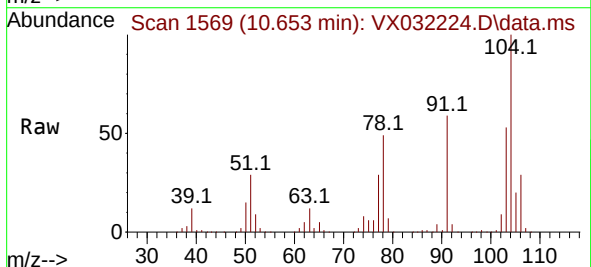
Manual Integrations
APPROVED

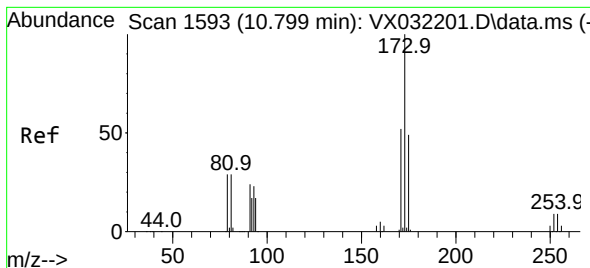
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#70
Styrene
Concen: 54.905 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

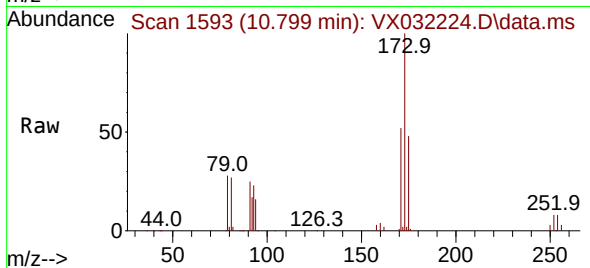
Tgt Ion:104 Resp: 253107
Ion Ratio Lower Upper
104 100
78 52.7 40.8 61.2
103 55.4 44.2 66.2





#71
Bromoform
Concen: 48.315 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

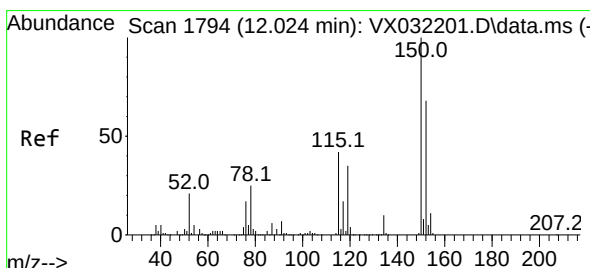
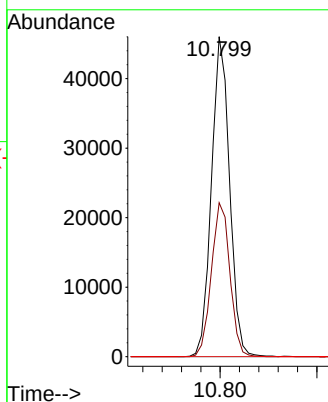
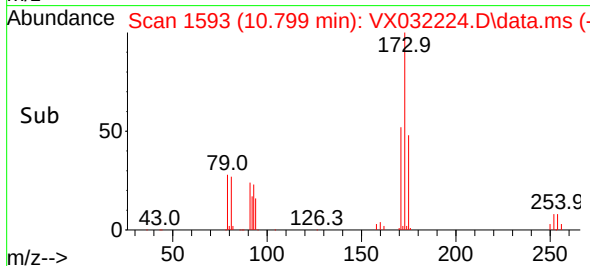
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



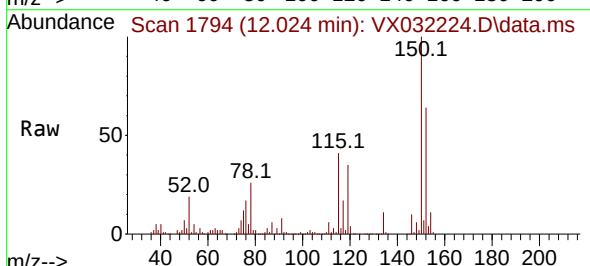
Tgt Ion:173 Resp: 5976
Ion Ratio Lower Upper
173 100
175 49.2 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

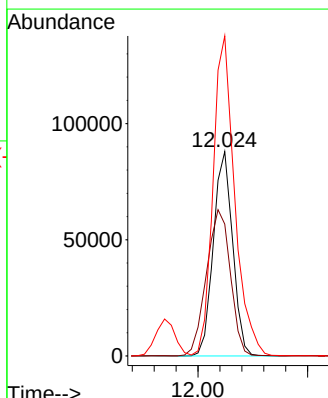
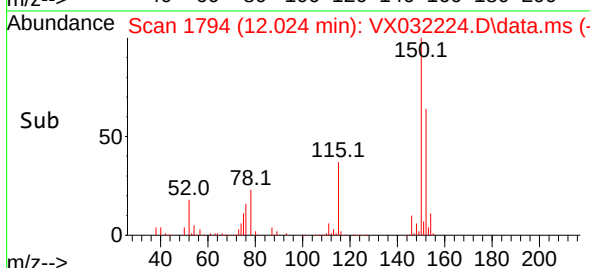
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

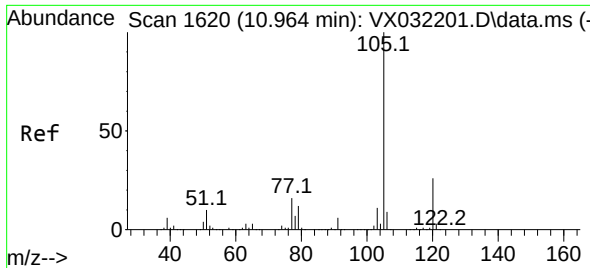


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37



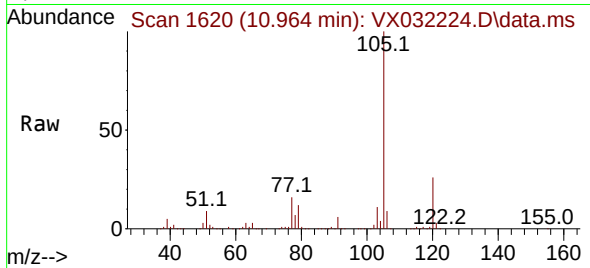
Tgt Ion:152 Resp: 107540
Ion Ratio Lower Upper
152 100
115 88.8 43.1 129.4
150 175.5 0.0 348.6





#73
Isopropylbenzene
Concen: 52.735 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

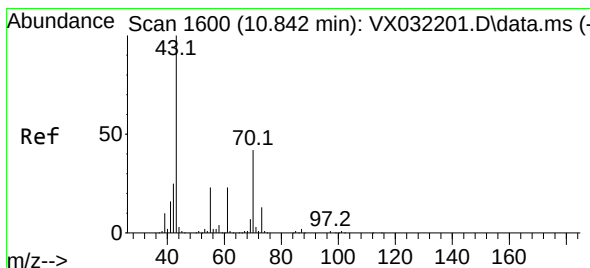
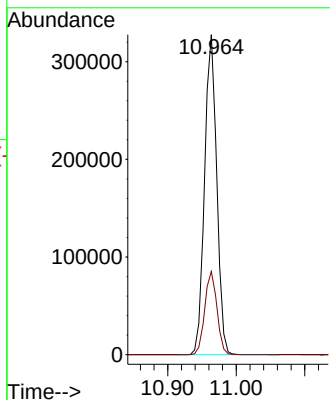
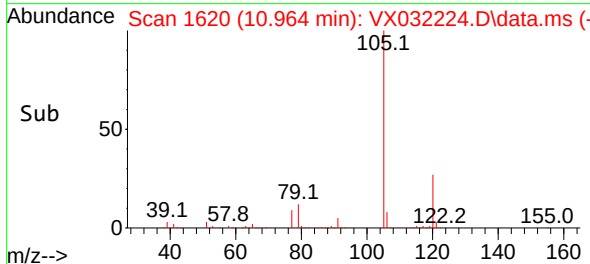
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



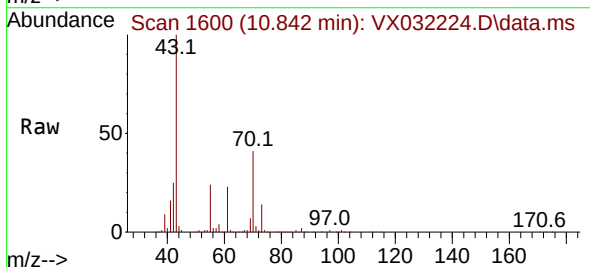
Tgt Ion:105 Resp: 404664
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.6

Manual Integrations
APPROVED

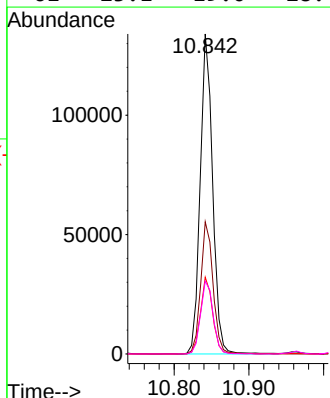
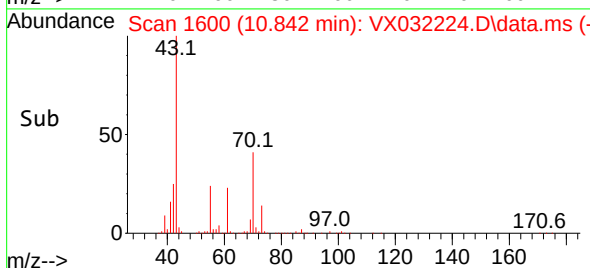
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

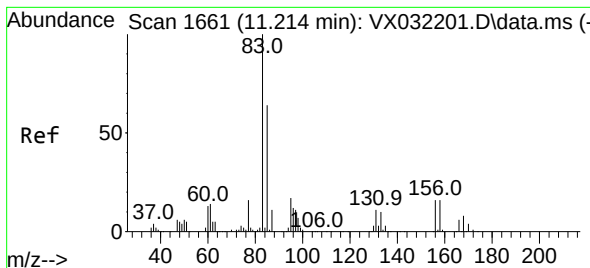


#74
N-ethyl acetate
Concen: 54.513 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37



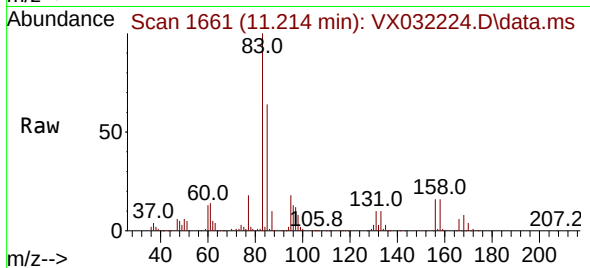
Tgt Ion: 43 Resp: 154537
Ion Ratio Lower Upper
43 100
70 41.4 33.9 50.9
55 23.9 19.1 28.7
61 23.1 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 50.052 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

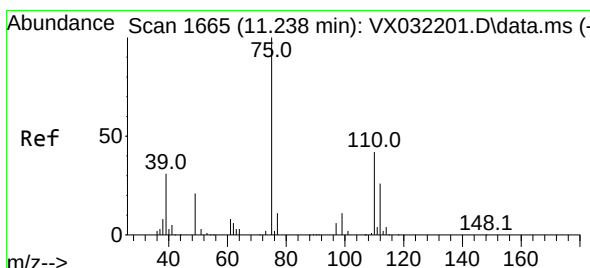
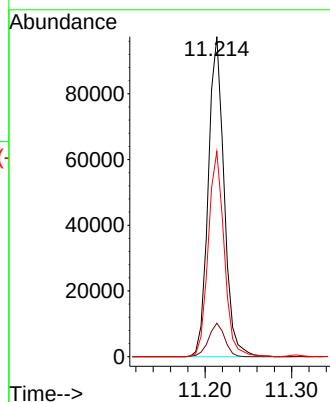
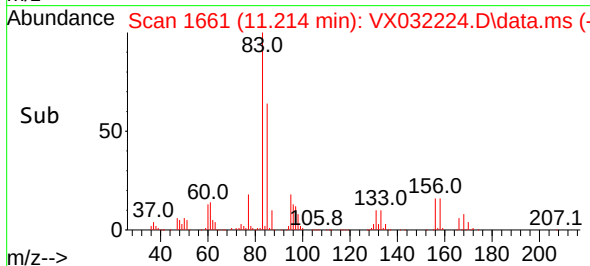
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 123478
Ion Ratio Lower Upper
83 100
131 10.7 5.2 15.6
85 64.5 32.3 96.9

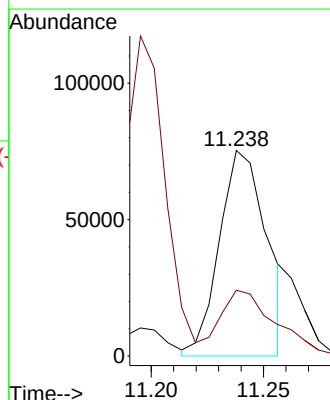
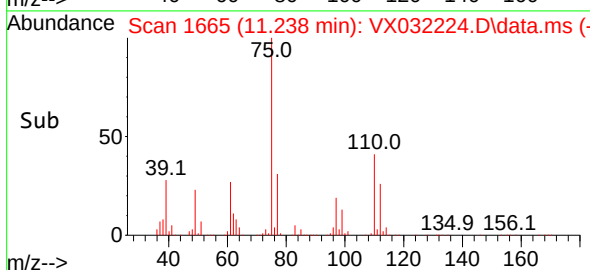
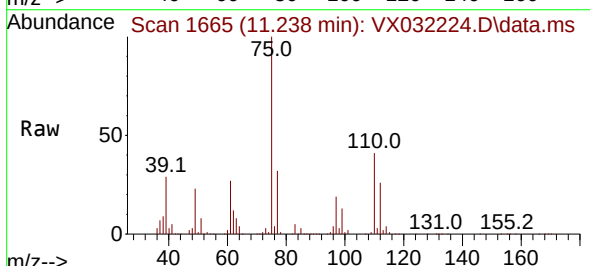
Manual Integrations
APPROVED

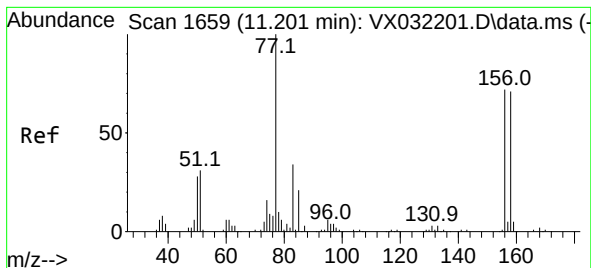
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#76
1,2,3-Trichloropropane
Concen: 51.617 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

Tgt Ion: 75 Resp: 109987
Ion Ratio Lower Upper
75 100
77 37.8 16.0 47.9





#77

Bromobenzene

Concen: 51.869 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX032224.D

Acq: 19 Oct 2022 21:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 97560

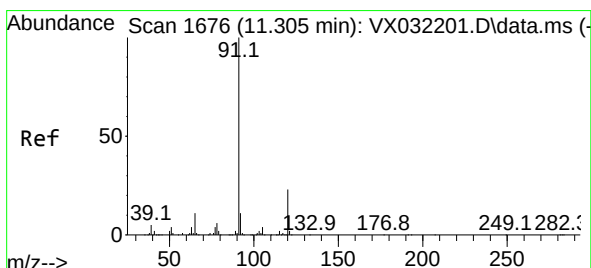
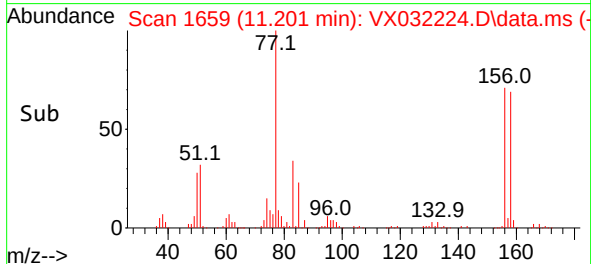
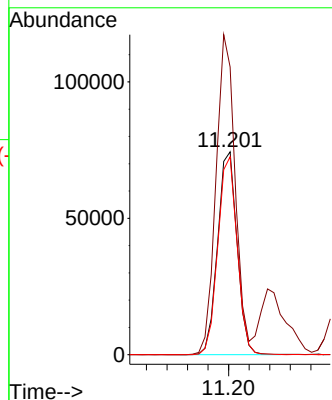
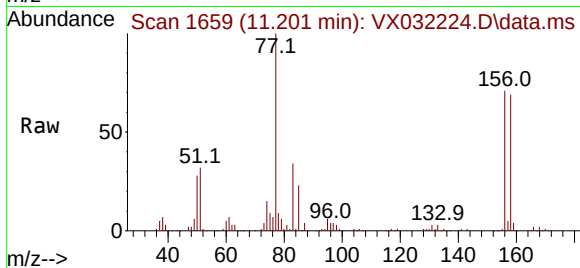
Ion	Ratio	Lower	Upper
156	100		
77	154.8	75.5	226.5
158	96.8	49.0	147.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#78

n-propylbenzene

Concen: 54.584 ug/l

RT: 11.305 min Scan# 1676

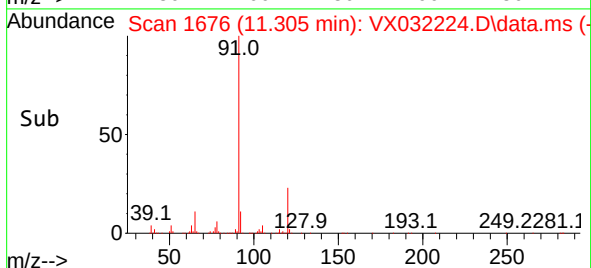
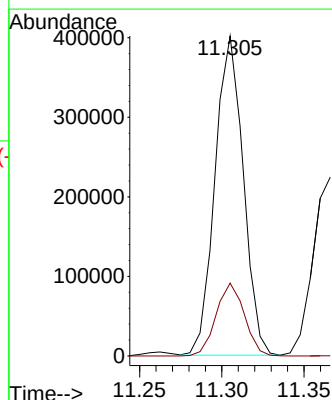
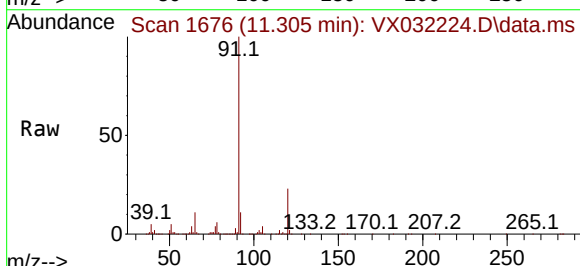
Delta R.T. -0.000 min

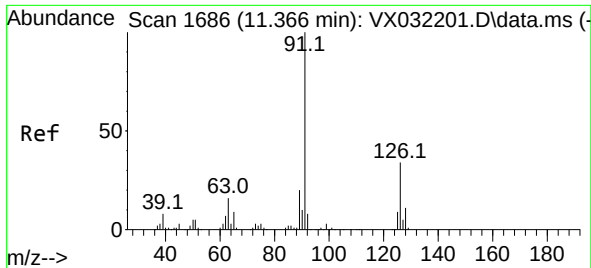
Lab File: VX032224.D

Acq: 19 Oct 2022 21:37

Tgt Ion: 91 Resp: 479600

Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.6	34.8





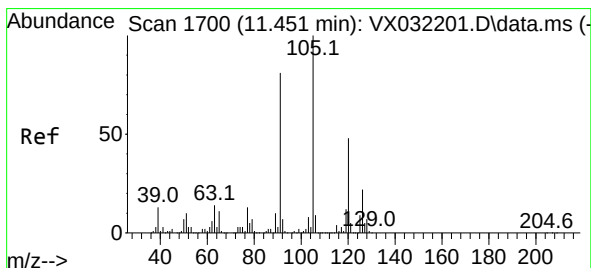
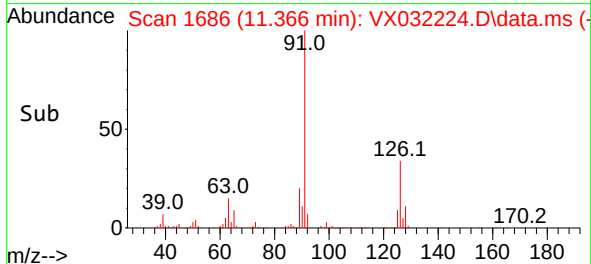
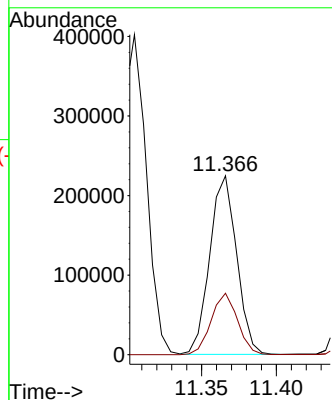
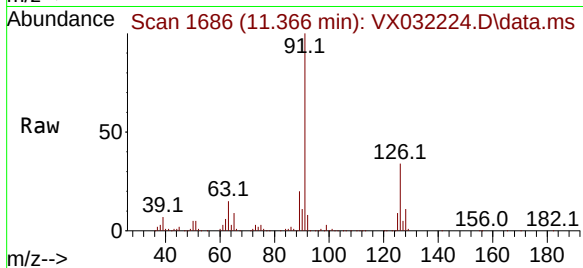
#79
2-Chlorotoluene
Concen: 53.045 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 280900
Ion Ratio Lower Upper
91 100
126 33.8 17.3 51.9

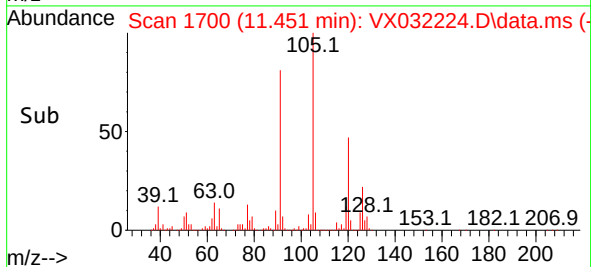
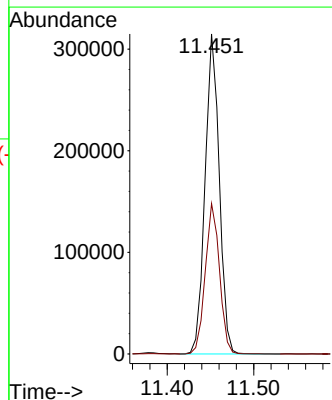
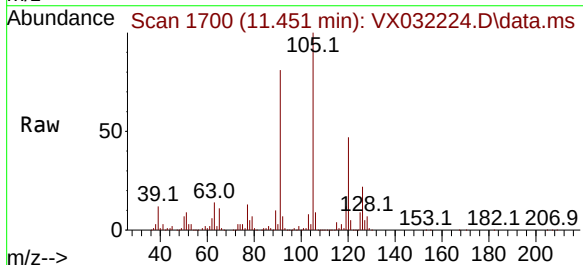
Manual Integrations
APPROVED

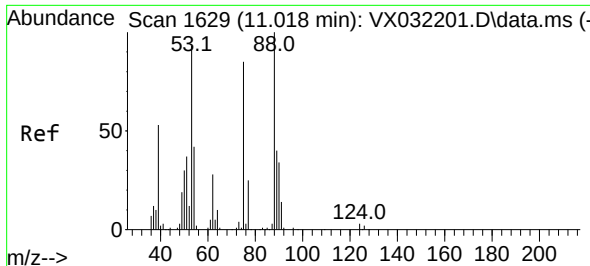
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 53.971 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

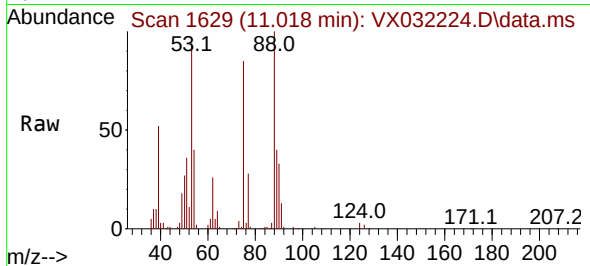
Tgt Ion:105 Resp: 357718
Ion Ratio Lower Upper
105 100
120 47.3 23.5 70.6





#81
trans-1,4-Dichloro-2-butene
Concen: 48.076 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

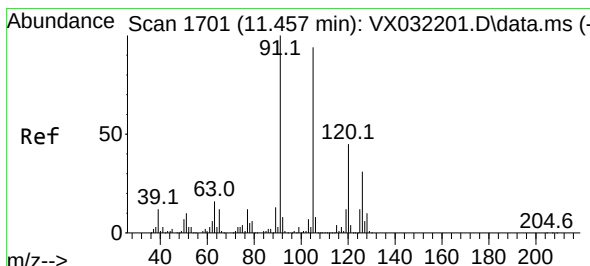
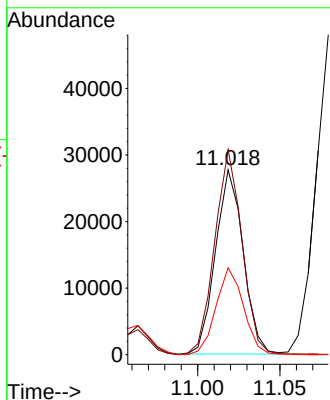
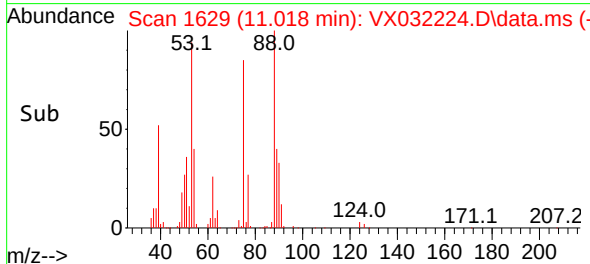
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 32520
Ion Ratio Lower Upper
75 100
53 110.1 87.8 131.8
89 46.7 37.8 56.8

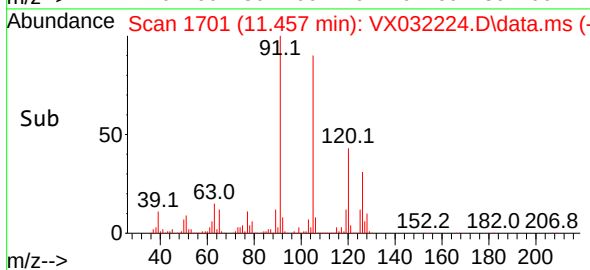
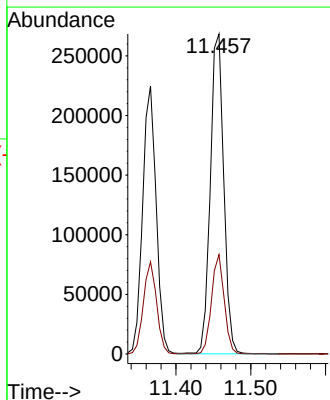
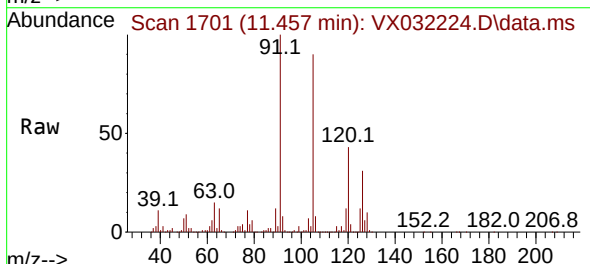
Manual Integrations
APPROVED

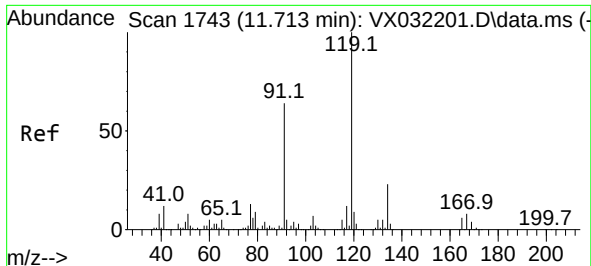
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#82
4-Chlorotoluene
Concen: 54.365 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

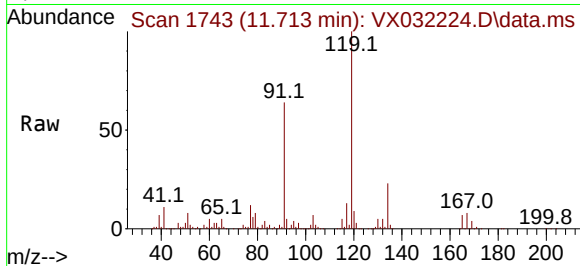
Tgt Ion: 91 Resp: 335179
Ion Ratio Lower Upper
91 100
126 29.4 14.9 44.5





#83
tert-Butylbenzene
Concen: 53.630 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

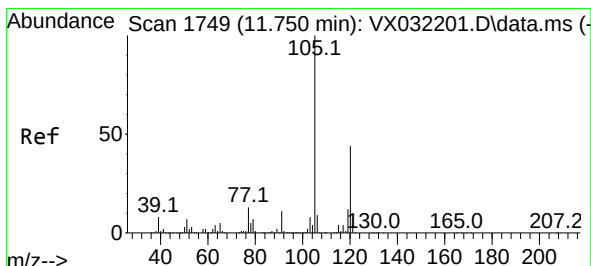
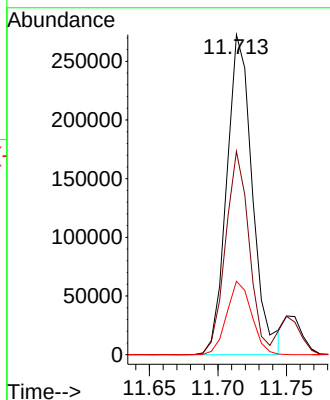
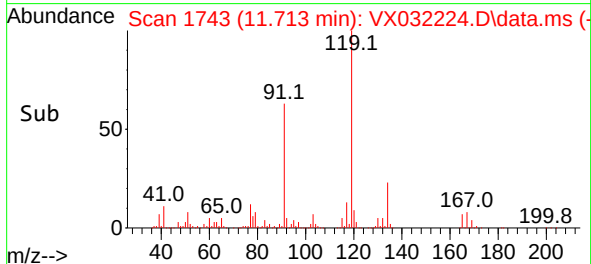
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



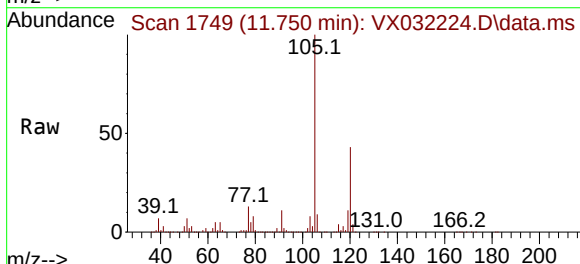
Tgt Ion:119 Resp: 355650
Ion Ratio Lower Upper
119 100
91 58.7 29.1 87.3
134 22.2 11.3 33.8

Manual Integrations
APPROVED

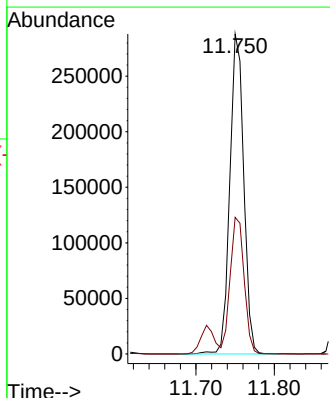
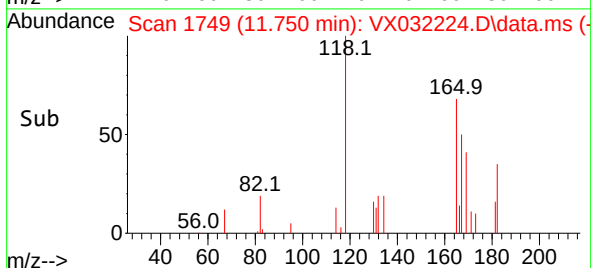
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

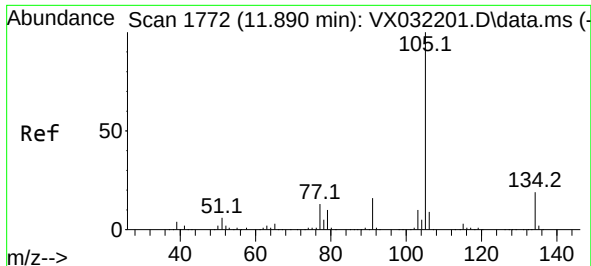


#84
1,2,4-Trimethylbenzene
Concen: 54.925 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37



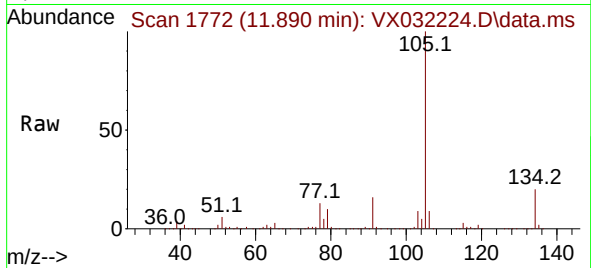
Tgt Ion:105 Resp: 353934
Ion Ratio Lower Upper
105 100
120 43.1 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 53.941 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032224.D
 Acq: 19 Oct 2022 21:37

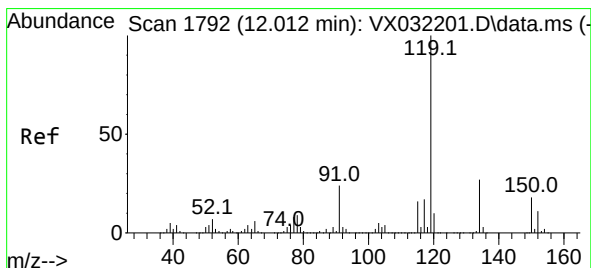
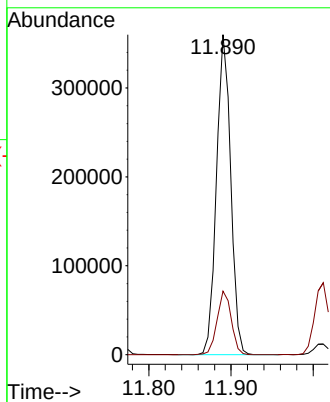
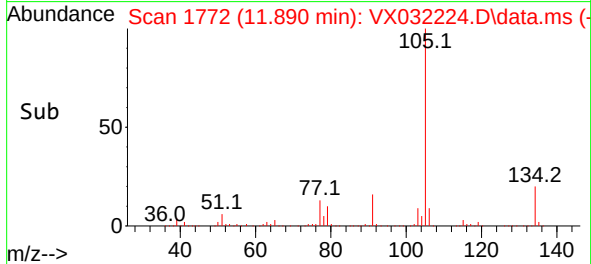
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



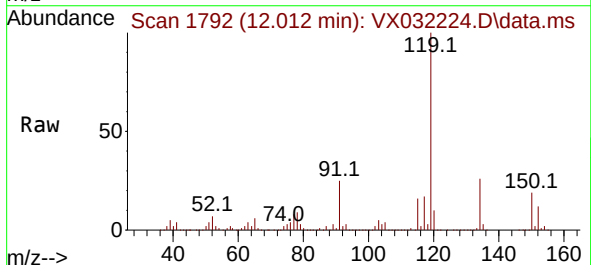
Tgt Ion:105 Resp: 43230
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.3

Manual Integrations
 APPROVED

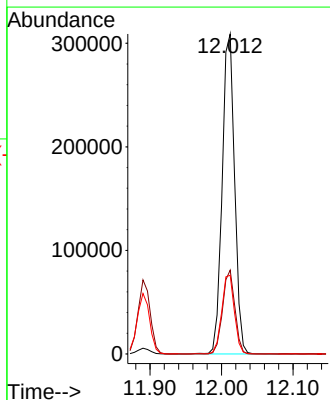
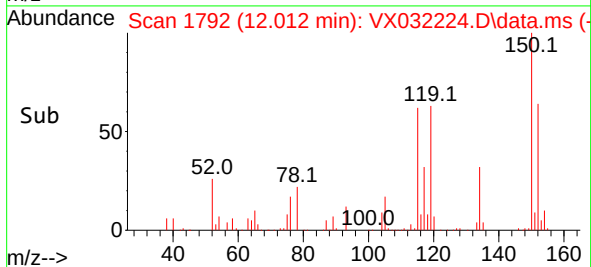
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

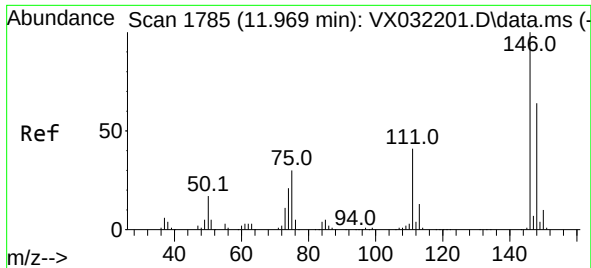


#86
 p-Isopropyltoluene
 Concen: 54.789 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032224.D
 Acq: 19 Oct 2022 21:37



Tgt Ion:119 Resp: 373617
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 25.2 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 52.460 ug/l

RT: 11.970 min Scan# 1785

Delta R.T. 0.001 min

Lab File: VX032224.D

Acq: 19 Oct 2022 21:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 189910

Ion Ratio Lower Upper

146 100

111 41.4 20.3 61.0

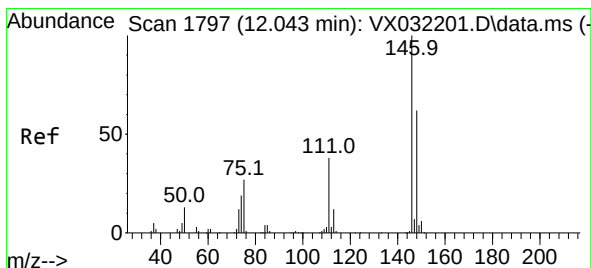
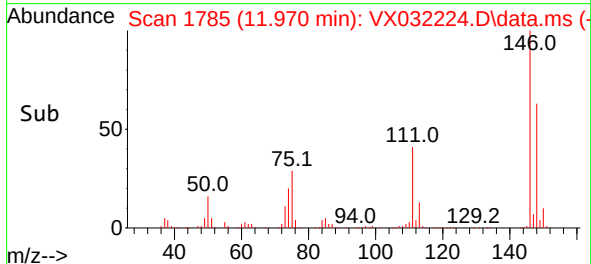
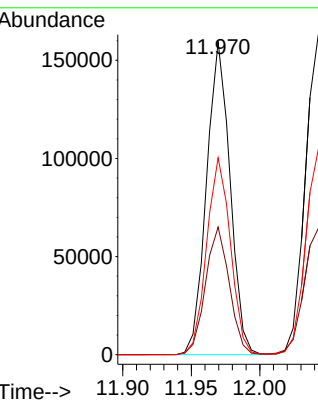
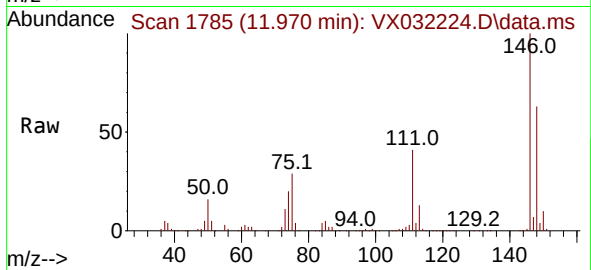
148 63.8 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#88

1,4-Dichlorobenzene

Concen: 52.011 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX032224.D

Acq: 19 Oct 2022 21:37

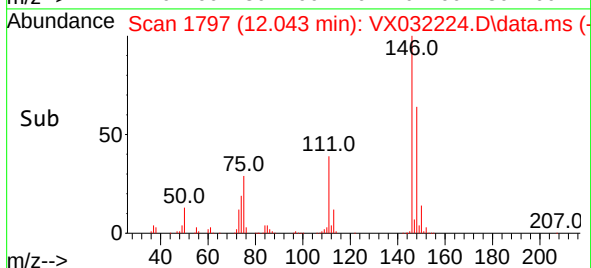
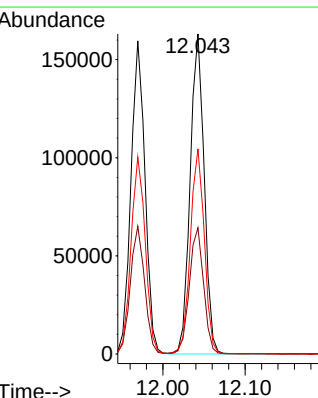
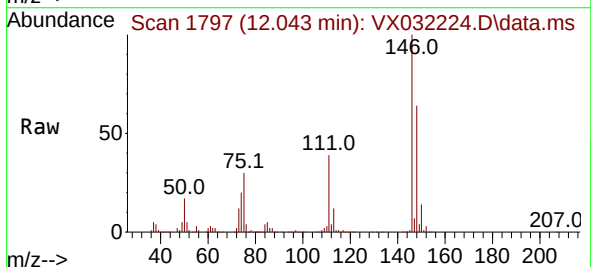
Tgt Ion:146 Resp: 193416

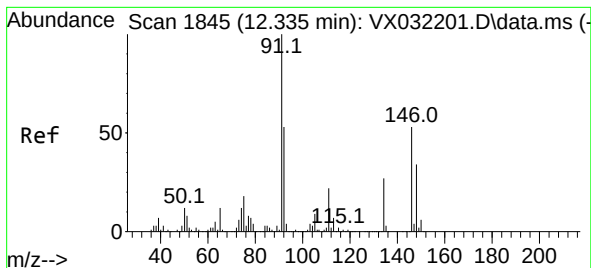
Ion Ratio Lower Upper

146 100

111 40.4 19.8 59.4

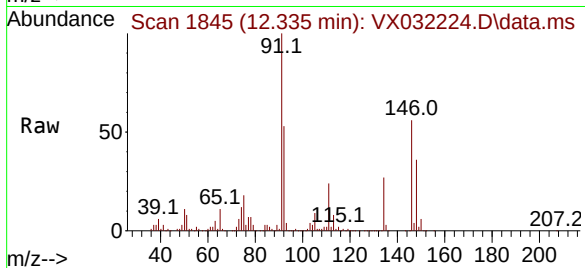
148 64.0 31.9 95.9





#89
n-Butylbenzene
Concen: 54.629 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

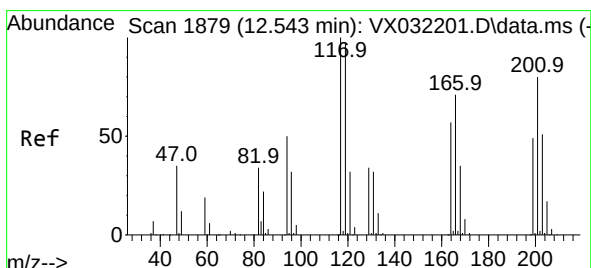
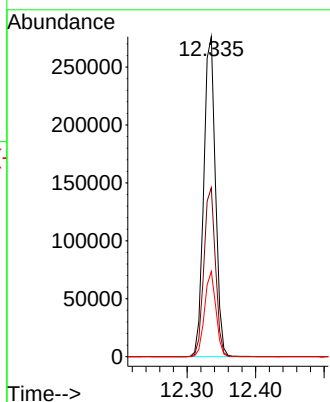
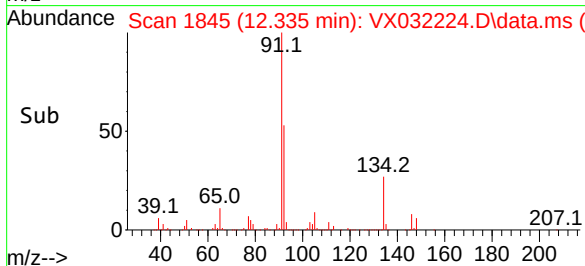
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 328110
Ion Ratio Lower Upper
91 100
92 52.3 26.3 78.9
134 25.9 13.0 39.0

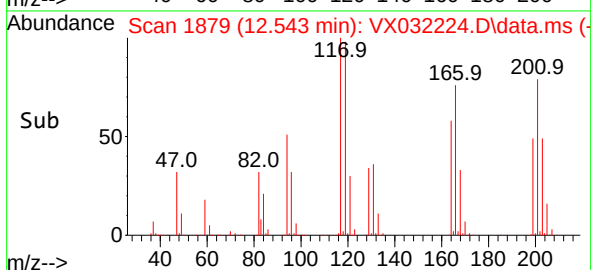
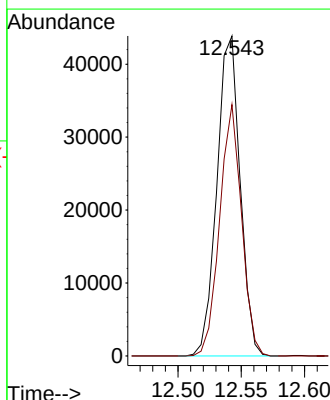
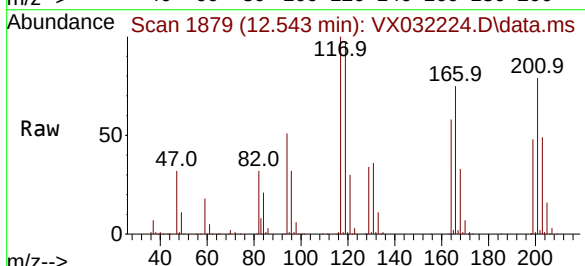
Manual Integrations
APPROVED

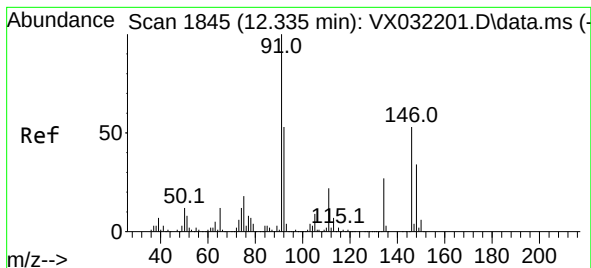
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#90
Hexachloroethane
Concen: 52.929 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

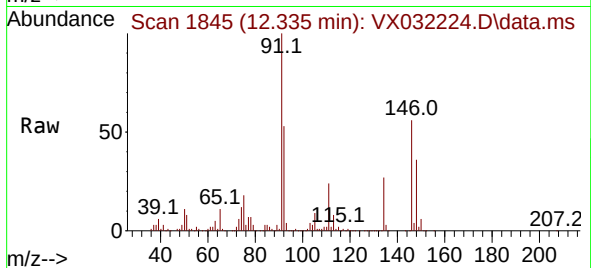
Tgt Ion:117 Resp: 56007
Ion Ratio Lower Upper
117 100
201 74.1 38.5 115.3





#91
1,2-Dichlorobenzene
Concen: 52.672 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

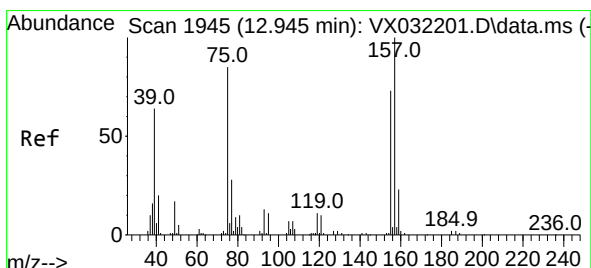
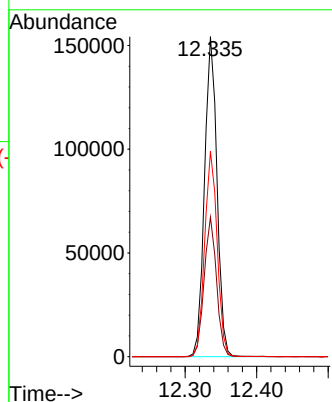
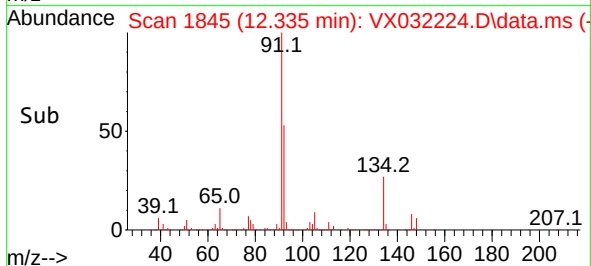
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 187190
Ion Ratio Lower Upper
146 100
111 43.3 21.1 63.1
148 64.3 32.3 96.8

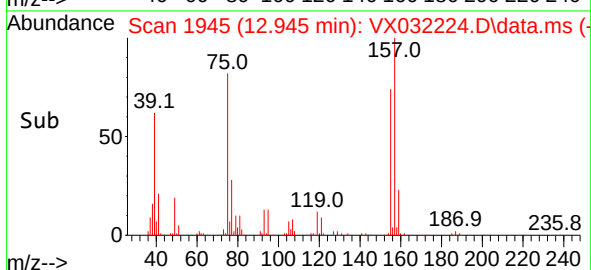
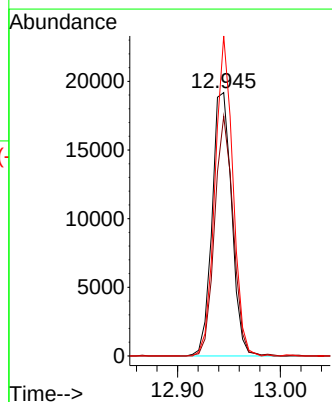
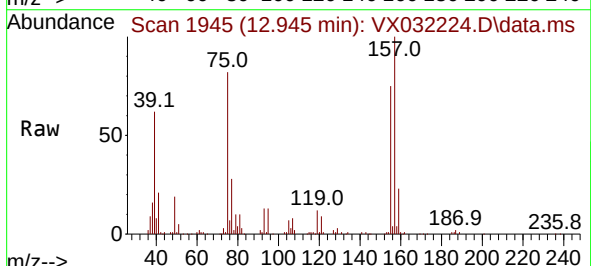
Manual Integrations
APPROVED

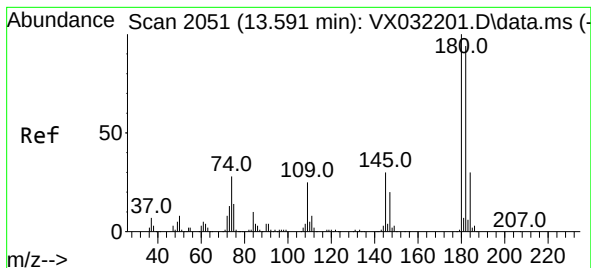
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.101 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

Tgt Ion: 75 Resp: 25390
Ion Ratio Lower Upper
75 100
155 86.1 43.1 129.3
157 110.3 57.1 171.5





#93

1,2,4-Trichlorobenzene

Concen: 52.713 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX032224.D

Acq: 19 Oct 2022 21:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

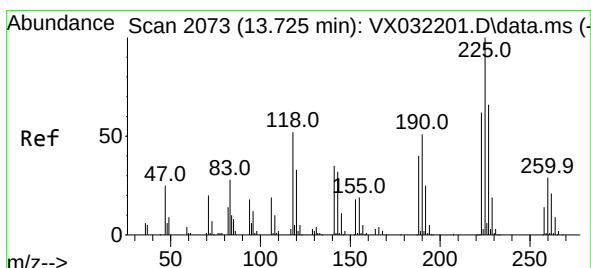
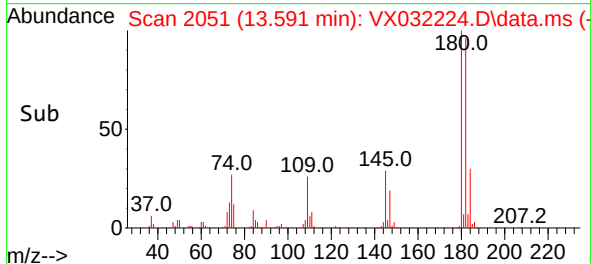
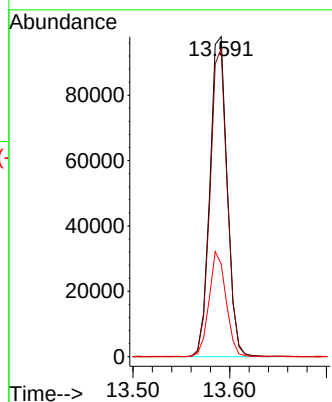
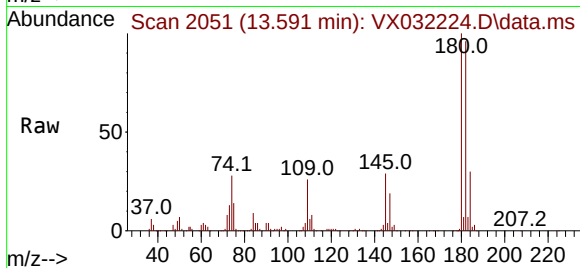
Tgt Ion:180	Resp:	12195	
Ion Ratio	Lower	Upper	
180	100		
182	95.4	46.8	140.3
145	32.2	15.6	46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#94

Hexachlorobutadiene

Concen: 48.575 ug/l

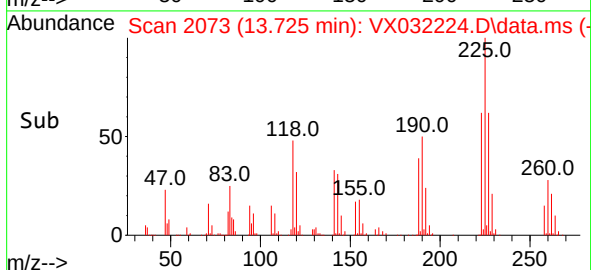
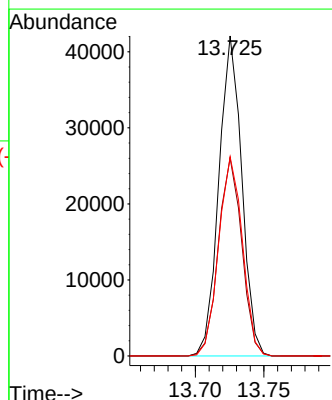
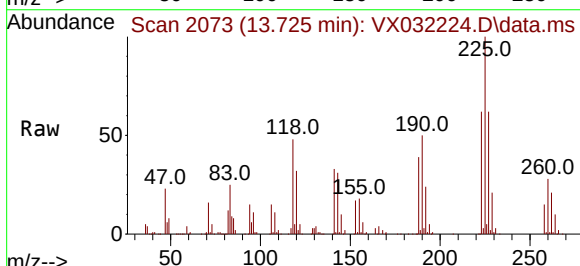
RT: 13.725 min Scan# 2073

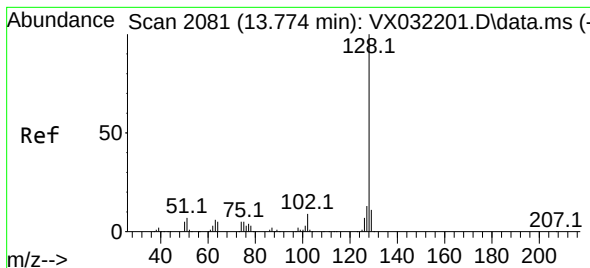
Delta R.T. 0.000 min

Lab File: VX032224.D

Acq: 19 Oct 2022 21:37

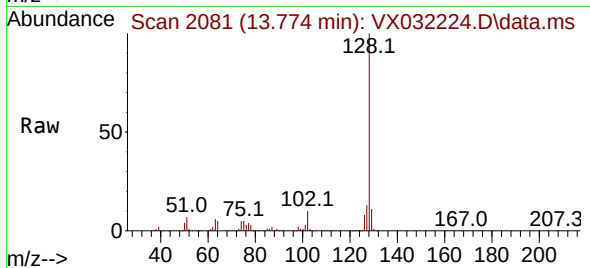
Tgt Ion:225	Resp:	48776	
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.4	94.3
227	64.8	32.0	96.0





#95
Naphthalene
Concen: 53.465 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

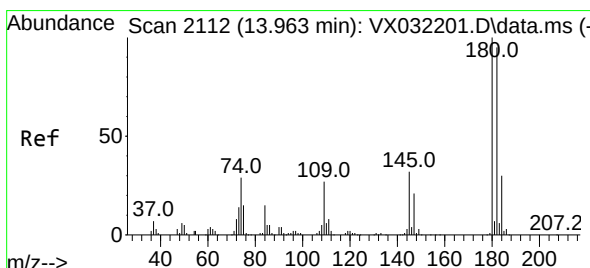
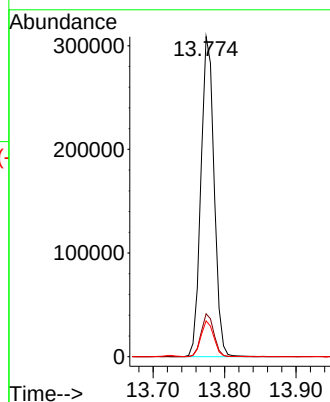
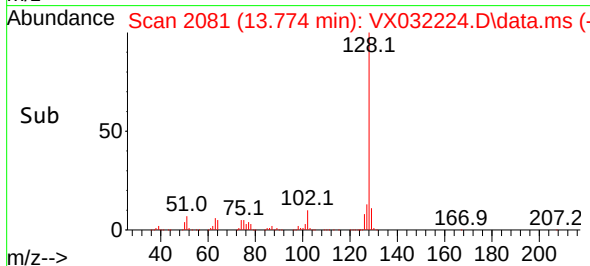
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 39618
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 50.692 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032224.D
Acq: 19 Oct 2022 21:37

Tgt Ion:180 Resp: 117963
Ion Ratio Lower Upper
180 100
182 96.3 47.4 142.2
145 35.3 16.5 49.5

