

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032381.D
 Acq On : 25 Oct 2022 22:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 14:19:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	121118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	195386	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	82190	52.164	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.320%			
35) Dibromofluoromethane	5.391	113	66619	48.998	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.000%			
50) Toluene-d8	8.653	98	236142	48.249	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.500%			
62) 4-Bromofluorobenzene	11.079	95	92562	51.647	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50721	45.774	ug/l	96
3) Chloromethane	1.294	50	46865	43.428	ug/l	95
4) Vinyl Chloride	1.373	62	54158	45.381	ug/l	99
5) Bromomethane	1.611	94	63151	50.541	ug/l	99
6) Chloroethane	1.684	64	36482	33.864	ug/l	99
7) Trichlorofluoromethane	1.886	101	106159	50.039	ug/l	100
8) Diethyl Ether	2.135	74	37309	51.749	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	57343	49.855	ug/l	98
10) Methyl Iodide	2.452	142	58704	35.318	ug/l	98
11) Tert butyl alcohol	2.971	59	56562	255.401	ug/l	97
12) 1,1-Dichloroethene	2.318	96	51395	47.541	ug/l	97
13) Acrolein	2.233	56	34910	182.008	ug/l	99
14) Allyl chloride	2.666	41	86559	50.979	ug/l	99
15) Acrylonitrile	3.062	53	150621	254.887	ug/l	99
16) Acetone	2.379	43	133464	261.018	ug/l	100
17) Carbon Disulfide	2.513	76	106284	41.994	ug/l	98
18) Methyl Acetate	2.702	43	94981	54.715	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	196789	52.826	ug/l	97
20) Methylene Chloride	2.788	84	61168	46.589	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	55898	47.473	ug/l	97
22) Diisopropyl ether	3.757	45	192409	51.749	ug/l	97
23) Vinyl Acetate	3.721	43	767000	258.097	ug/l	100
24) 1,1-Dichloroethane	3.611	63	109381	50.916	ug/l	100
25) 2-Butanone	4.556	43	211439	264.857	ug/l	99
26) 2,2-Dichloropropane	4.483	77	74396	48.066	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	70454	51.104	ug/l	100
28) Bromochloromethane	4.897	49	43392	48.957	ug/l	100
29) Tetrahydrofuran	5.007	42	135451	262.702	ug/l	99
30) Chloroform	5.098	83	122506	52.392	ug/l	98
31) Cyclohexane	5.476	56	86328	47.927	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	108529	54.428	ug/l	99
36) 1,1-Dichloropropene	5.696	75	81657	46.689	ug/l	99
37) Ethyl Acetate	4.714	43	85645	50.014	ug/l	99
38) Carbon Tetrachloride	5.678	117	94166	51.002	ug/l	97
39) Methylcyclohexane	7.385	83	96391	46.135	ug/l	97
40) Benzene	6.043	78	241766	47.695	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47687	52.811	ug/l	100
42) 1,2-Dichloroethane	6.092	62	101627	52.341	ug/l	99
43) Isopropyl Acetate	6.342	43	140901	52.425	ug/l	99
44) Trichloroethene	7.128	130	66985	47.987	ug/l	97
45) 1,2-Dichloropropane	7.433	63	64191	50.199	ug/l	96
46) Dibromomethane	7.586	93	48787	51.153	ug/l	97
47) Bromodichloromethane	7.823	83	95465	54.185	ug/l	97
48) Methyl methacrylate	7.695	41	71410	53.275	ug/l	99
49) 1,4-Dioxane	7.677	88	27705	1029.905	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	444835	264.032	ug/l	100
52) Toluene	8.720	92	159210	48.485	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	93632	47.265	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	100931	51.413	ug/l	99
55) 1,1,2-Trichloroethane	9.152	97	67907	50.907	ug/l	98
56) Ethyl methacrylate	9.116	69	100444	52.283	ug/l	99
57) 1,3-Dichloropropane	9.311	76	111515	51.611	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	201738	229.096	ug/l	100
59) 2-Hexanone	9.433	43	334184	265.834	ug/l	99
60) Dibromochloromethane	9.524	129	73704	53.911	ug/l	98
61) 1,2-Dibromoethane	9.610	107	72383	51.187	ug/l	98
64) Tetrachloroethene	9.274	164	55606	47.501	ug/l	95
65) Chlorobenzene	10.079	112	177019	48.704	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	69719	53.608	ug/l	98
67) Ethyl Benzene	10.195	91	319526	49.654	ug/l	100
68) m/p-Xylenes	10.305	106	246374	96.949	ug/l	99
69) o-Xylene	10.640	106	122327	50.247	ug/l	99
70) Styrene	10.658	104	205895	50.152	ug/l	99
71) Bromoform	10.799	173	54308	49.253	ug/l #	99
73) Isopropylbenzene	10.963	105	329126	48.710	ug/l	100
74) N-amyl acetate	10.841	43	128919	51.646	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	107917	49.680	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	94573m	50.405	ug/l	
77) Bromobenzene	11.201	156	81149	48.998	ug/l	98
78) n-propylbenzene	11.305	91	384548	49.704	ug/l	100
79) 2-Chlorotoluene	11.366	91	230502	49.434	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	287854	49.322	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27602	46.434	ug/l	98
82) 4-Chlorotoluene	11.457	91	271452	50.003	ug/l	99
83) tert-Butylbenzene	11.713	119	289683	49.609	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	287359	50.643	ug/l	99
85) sec-Butylbenzene	11.890	105	348599	49.398	ug/l	100
86) p-Isopropyltoluene	12.012	119	301565	50.222	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	155393	48.748	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	157727	48.168	ug/l	99
89) n-Butylbenzene	12.335	91	258484	48.874	ug/l	99
90) Hexachloroethane	12.542	117	48694	52.261	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	155258	49.613	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.944	75	23058	55.559	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	99173	48.681	ug/l	99
94) Hexachlorobutadiene	13.725	225	39725	44.928	ug/l	100
95) Naphthalene	13.774	128	334773	51.308	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	99016	48.323	ug/l	98

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



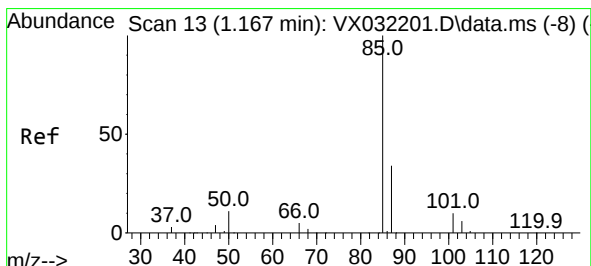
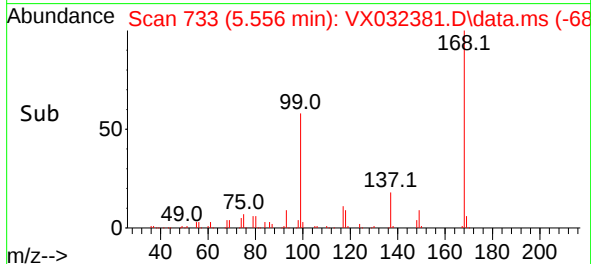
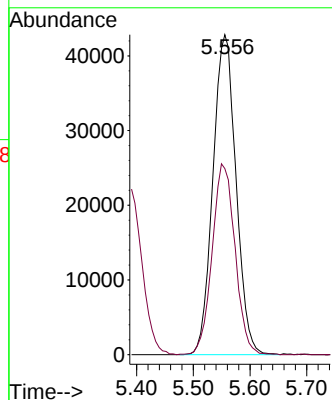
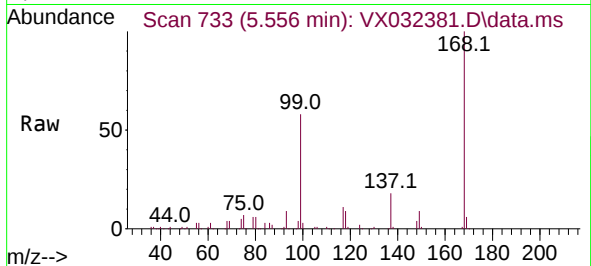
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 121118
Ion Ratio Lower Upper
168 100
99 58.2 44.8 67.2

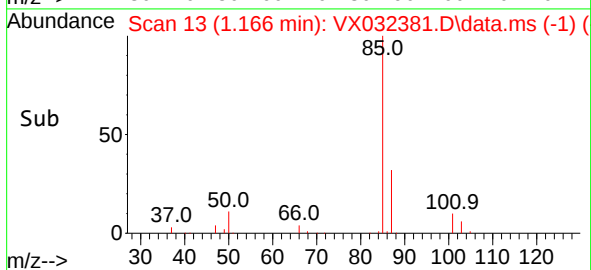
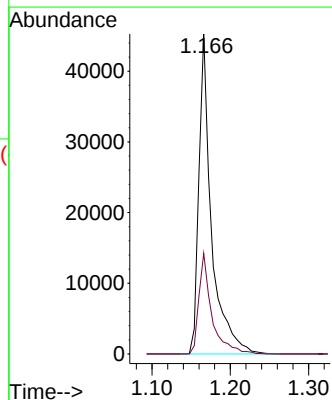
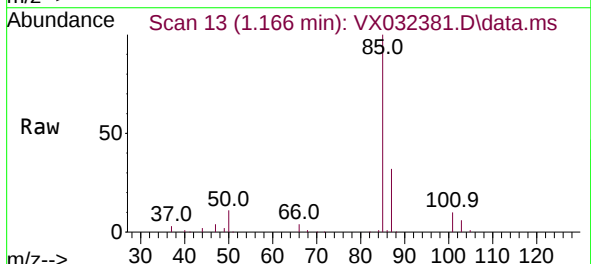
Manual Integrations
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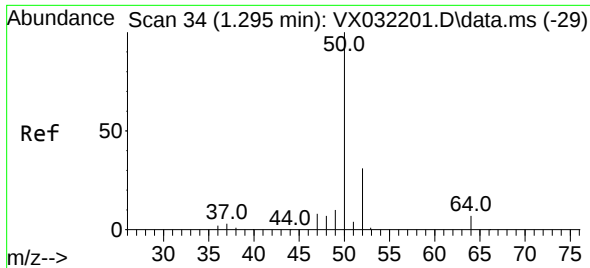
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#2
Dichlorodifluoromethane
Concen: 45.774 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

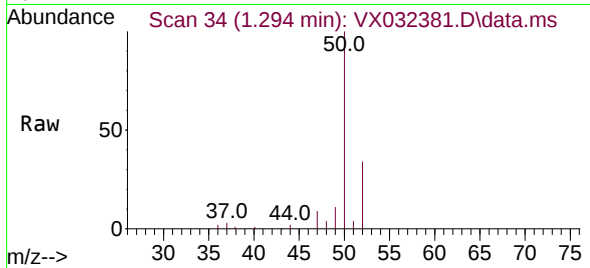
Tgt Ion: 85 Resp: 50721
Ion Ratio Lower Upper
85 100
87 31.5 16.8 50.4





#3
Chloromethane
Concen: 43.428 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

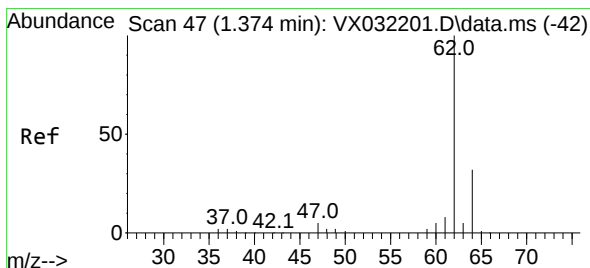
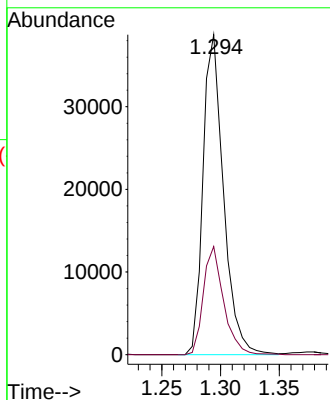
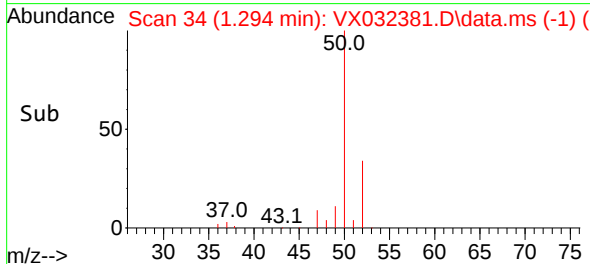
Instrument :
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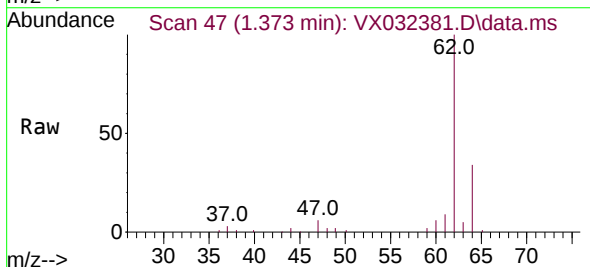
Tgt Ion: 50 Resp: 4686
Ion Ratio Lower Upper
50 100
52 33.8 24.7 37.1

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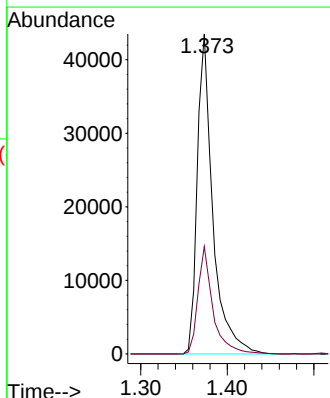
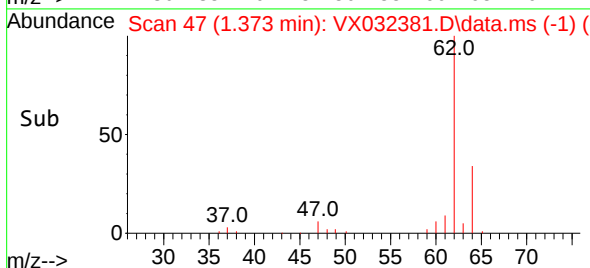
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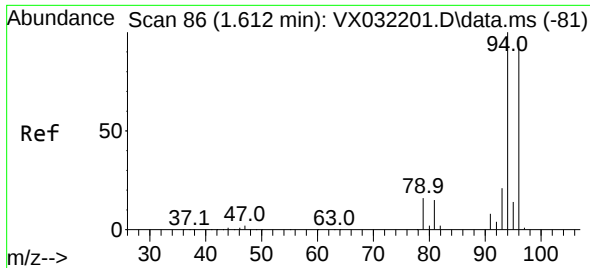


#4
Vinyl Chloride
Concen: 45.381 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13



Tgt Ion: 62 Resp: 54158
Ion Ratio Lower Upper
62 100
64 33.6 26.6 39.8





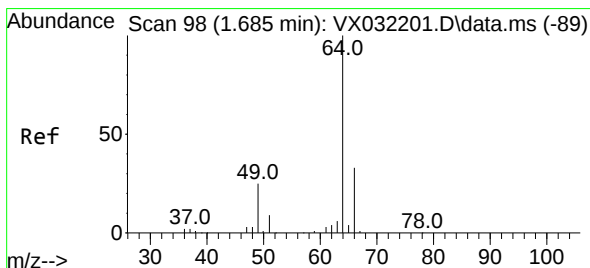
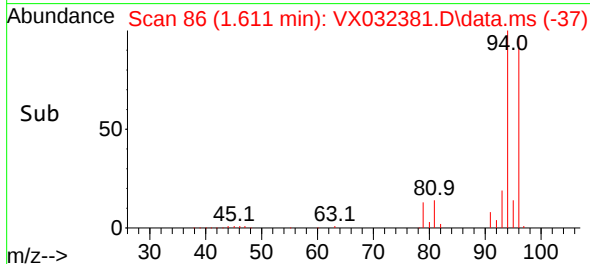
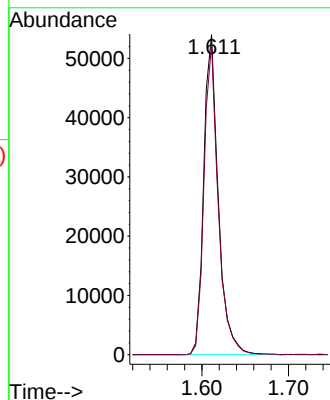
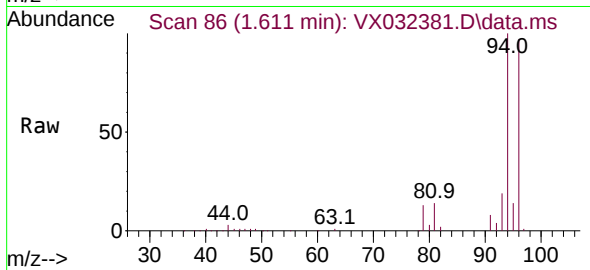
#5
Bromomethane
Concen: 50.541 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 6315
Ion Ratio Lower Upper
94 100
96 97.0 76.7 115.1

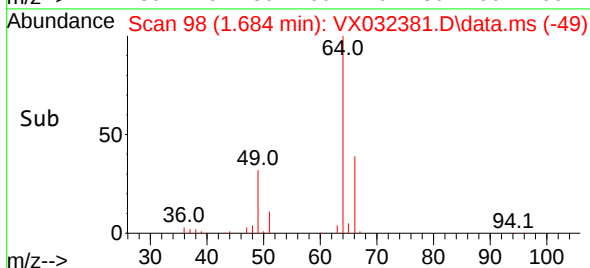
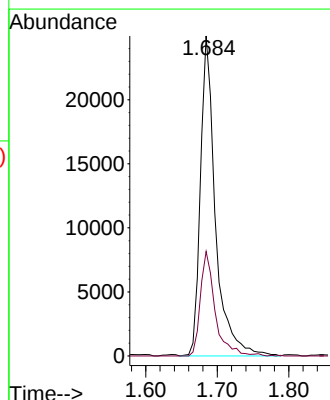
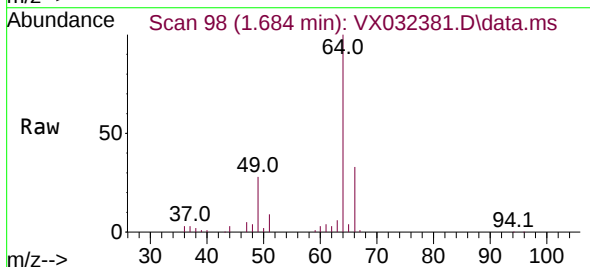
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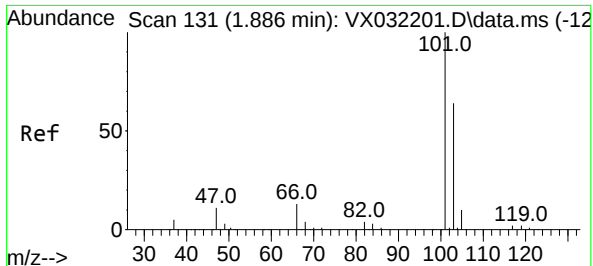
Reviewed By :John Carlone 10/27/2022
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#6
Chloroethane
Concen: 33.864 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

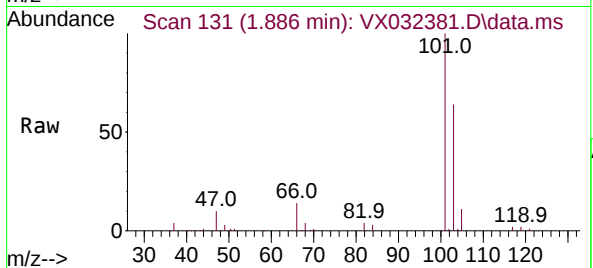
Tgt Ion: 64 Resp: 36482
Ion Ratio Lower Upper
64 100
66 32.7 26.6 39.8





#7
 Trichlorofluoromethane
 Concen: 50.039 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032381.D
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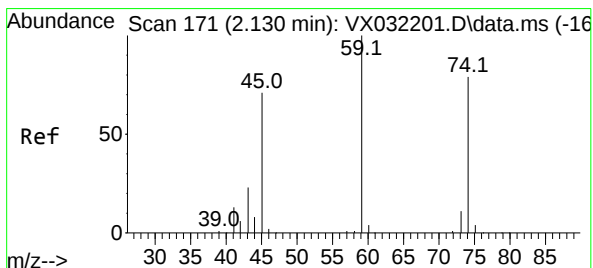
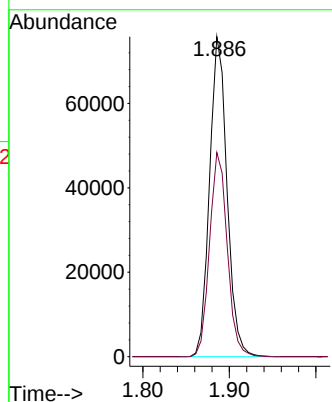
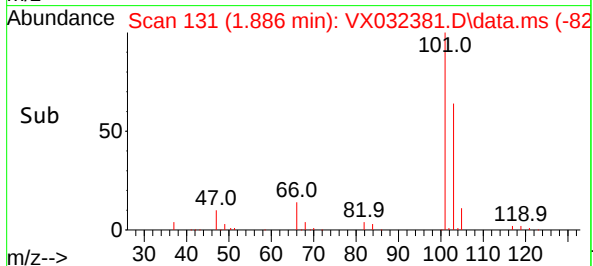
Instrument :
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 VSTDCCC050



Tgt Ion:101 Resp: 106159
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.3 76.9

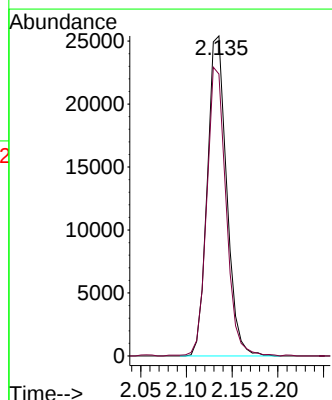
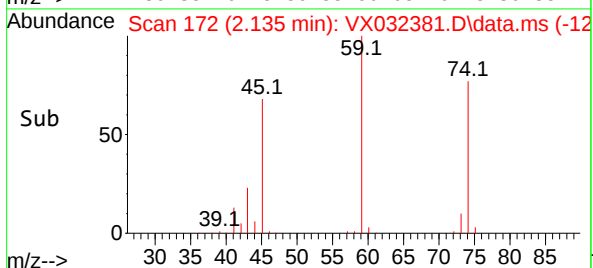
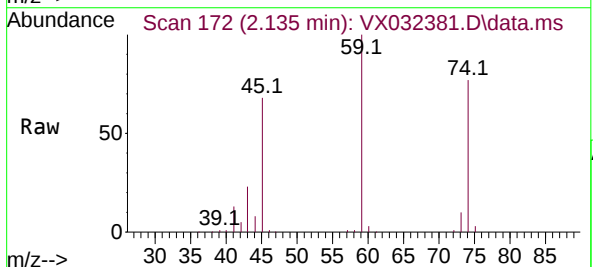
Manual Integrations
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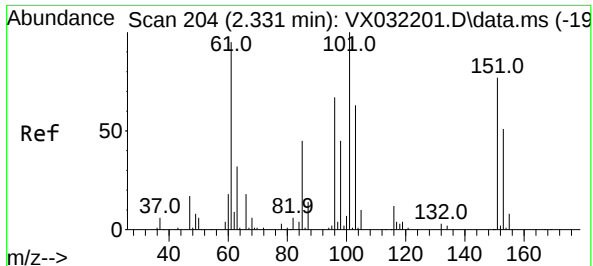
Reviewed By :John Carlone 10/27/2022
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#8
 Diethyl Ether
 Concen: 51.749 ug/l
 RT: 2.135 min Scan# 172
 Delta R.T. 0.005 min
 Lab File: VX032381.D
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Tgt Ion: 74 Resp: 37309
 Ion Ratio Lower Upper
 74 100
 45 90.2 45.9 137.6





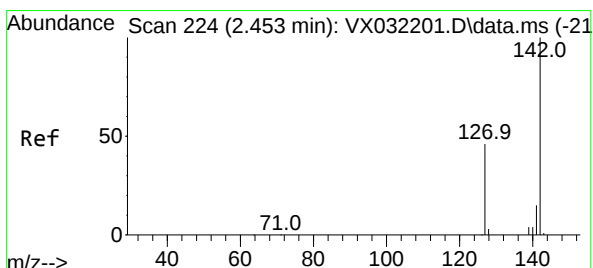
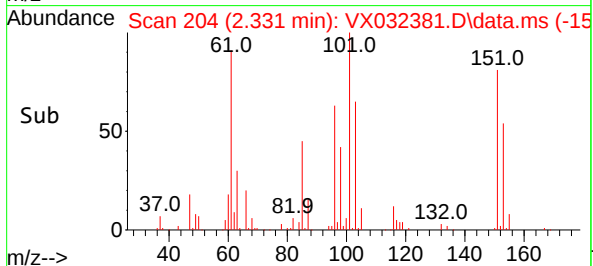
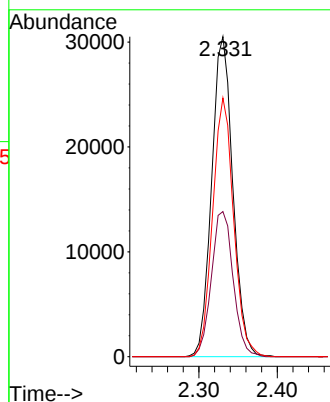
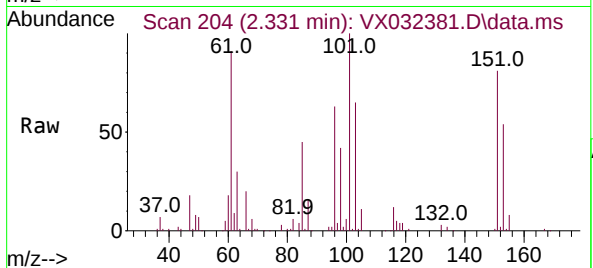
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1,1,2-Trichlorotrifluoroethane
Concen: 49.855 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 5734
Ion Ratio Lower Upper
101 100
85 46.5 36.5 54.7
151 80.1 65.5 98.3

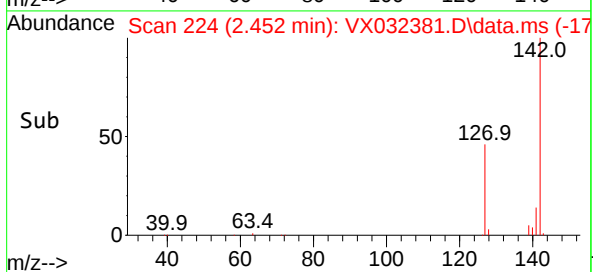
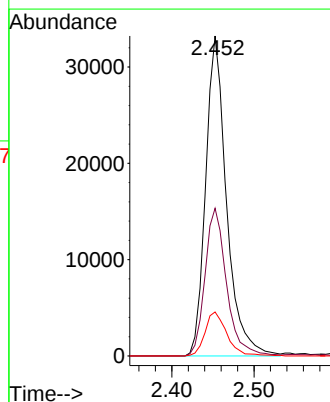
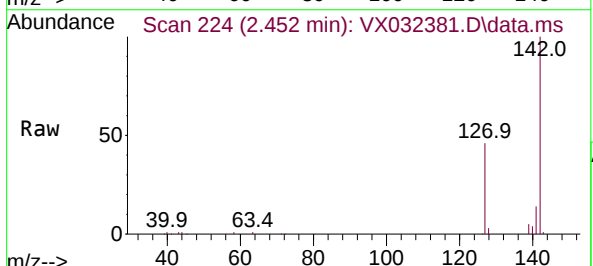
Manual Integrations
APPROVED

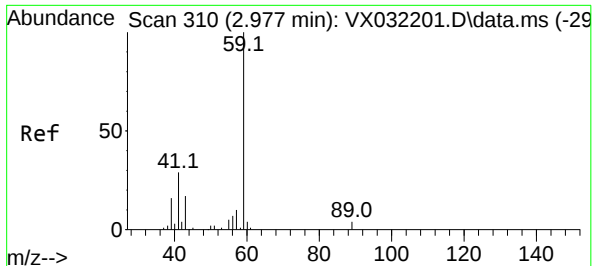
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#10
Methyl Iodide
Concen: 35.318 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

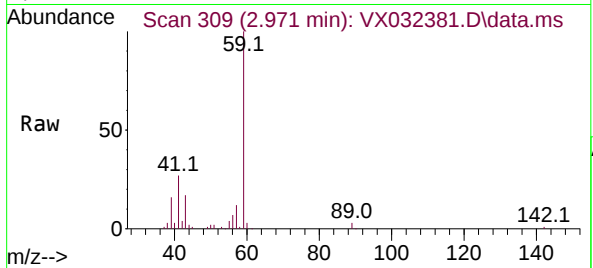
Tgt Ion:142 Resp: 58704
Ion Ratio Lower Upper
142 100
127 47.5 36.9 55.3
141 14.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 255.401 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

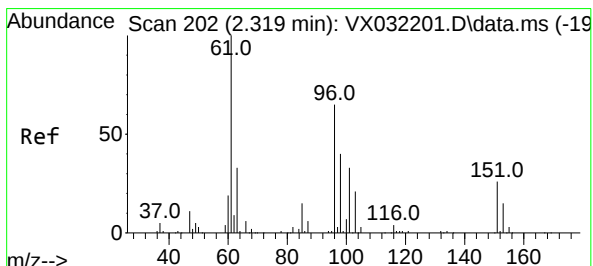
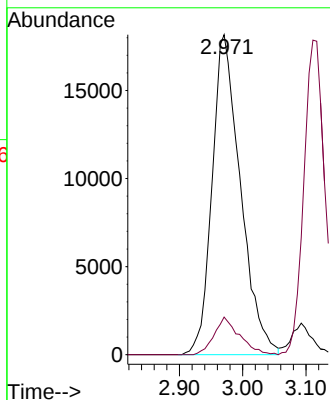
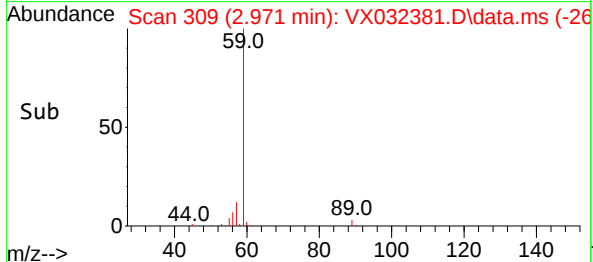
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 5656
Ion Ratio Lower Upper
59 100
57 10.5 7.5 11.3

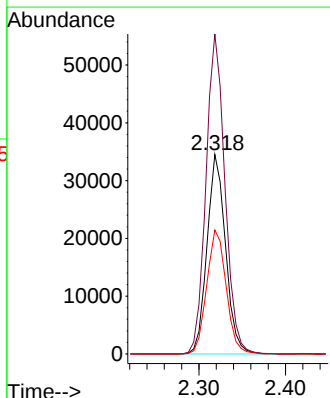
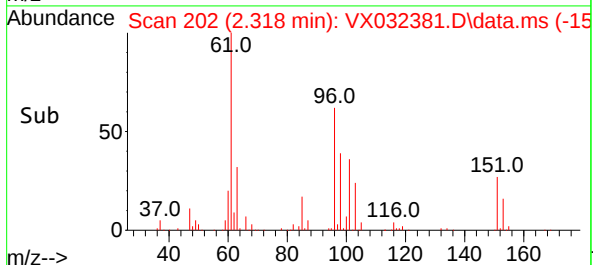
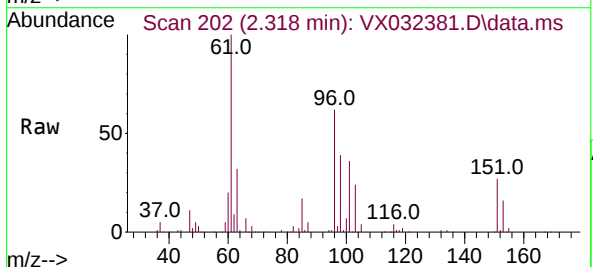
Manual Integrations
APPROVED

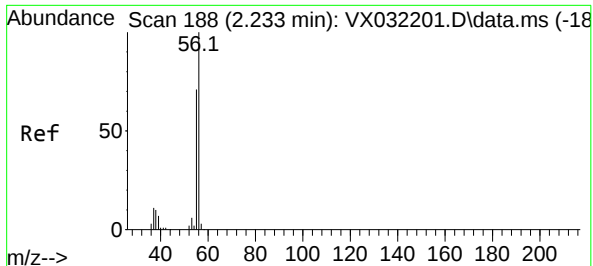
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#12
1,1-Dichloroethene
Concen: 47.541 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

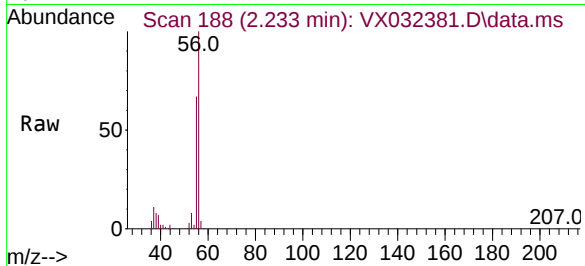
Tgt Ion: 96 Resp: 51395
Ion Ratio Lower Upper
96 100
61 160.4 124.0 186.0
98 62.2 50.0 75.0





#13
Acrolein
Concen: 182.008 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

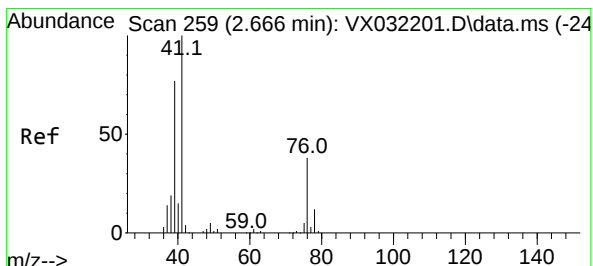
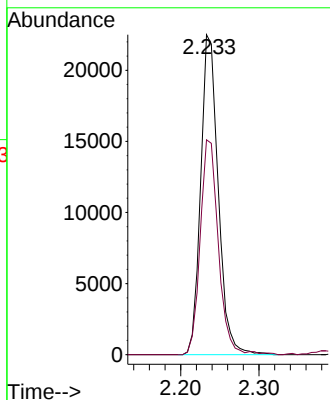
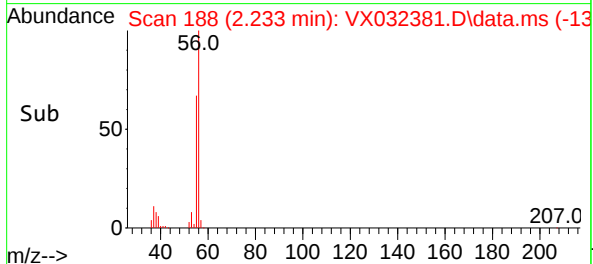
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 34910
Ion Ratio Lower Upper
56 100
55 69.7 56.4 84.6

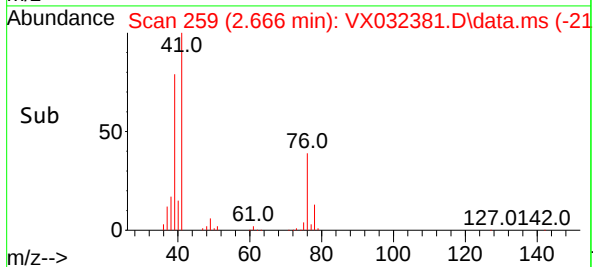
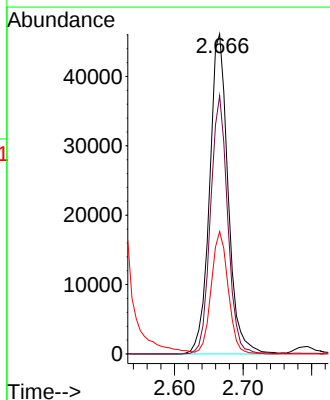
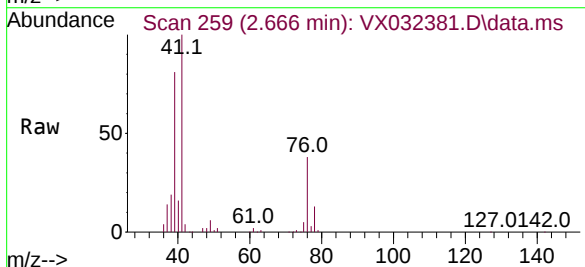
Manual Integrations
APPROVED

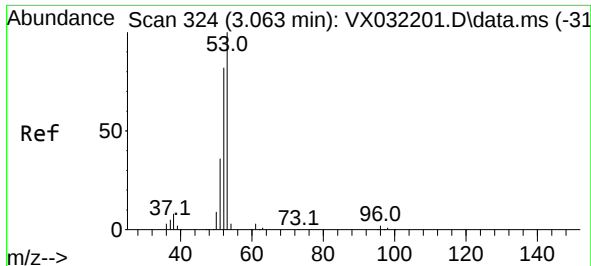
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#14
Allyl chloride
Concen: 50.979 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

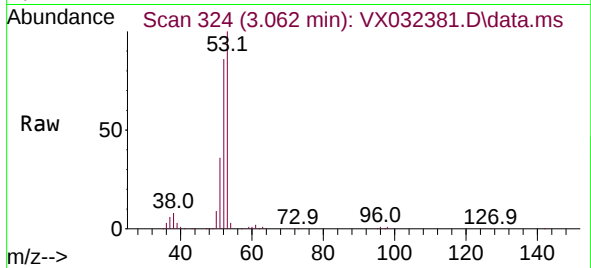
Tgt Ion: 41 Resp: 86559
Ion Ratio Lower Upper
41 100
39 74.7 59.5 89.3
76 34.9 28.6 42.8





#15
Acrylonitrile
Concen: 254.887 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

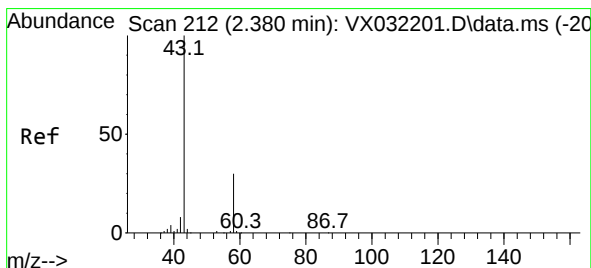
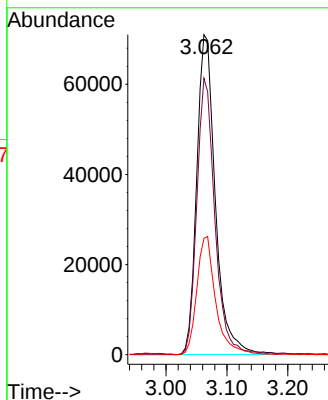
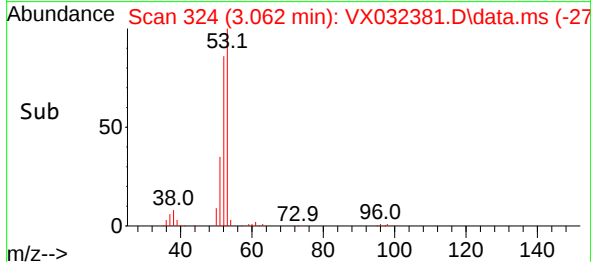
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 15062
Ion Ratio Lower Upper
53 100
52 83.8 65.9 98.9
51 37.6 29.7 44.5

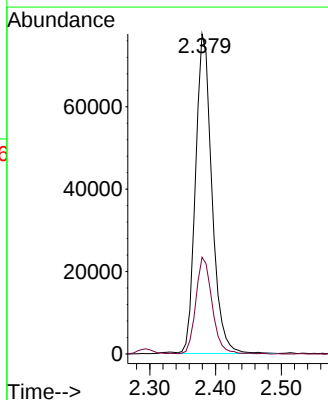
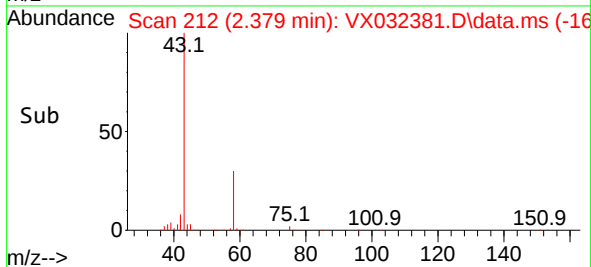
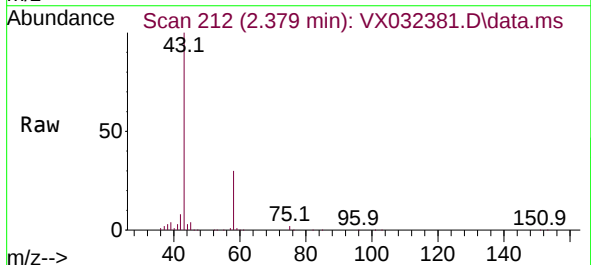
Manual Integrations
APPROVED

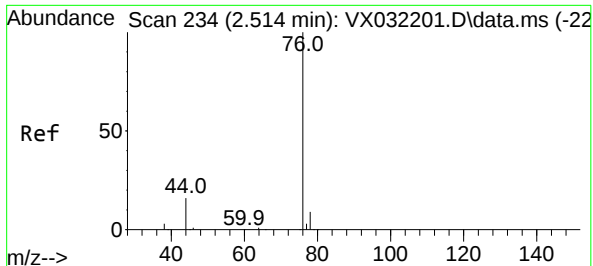
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#16
Acetone
Concen: 261.018 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Tgt Ion: 43 Resp: 133464
Ion Ratio Lower Upper
43 100
58 30.2 24.2 36.2





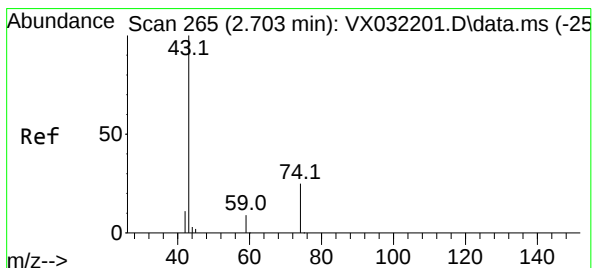
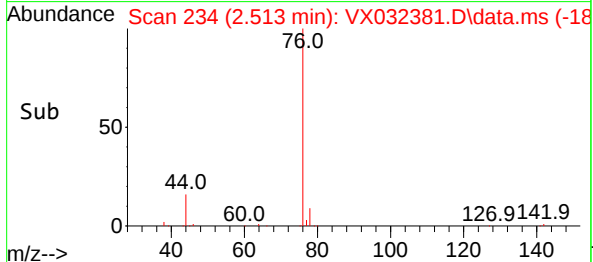
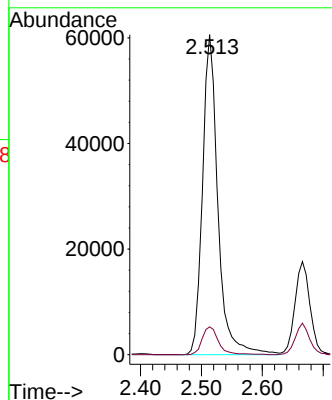
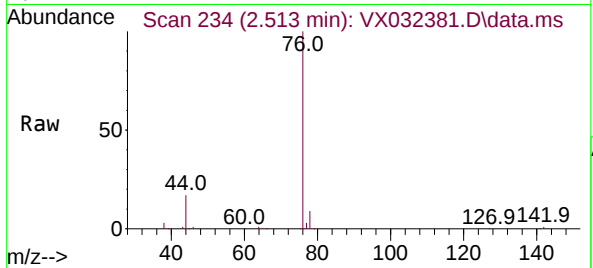
#17
Carbon Disulfide
Concen: 41.994 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 106284
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4

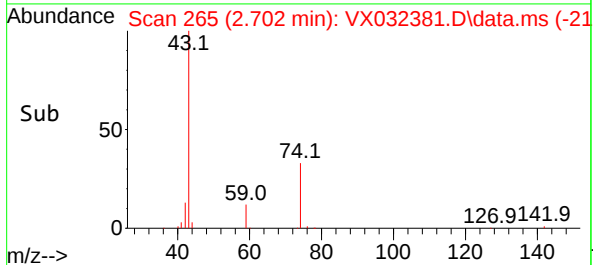
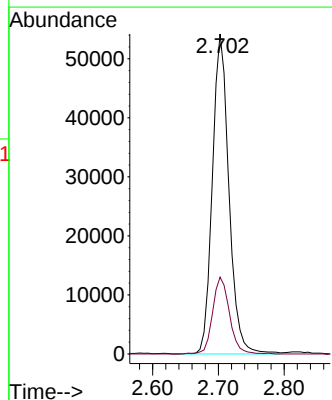
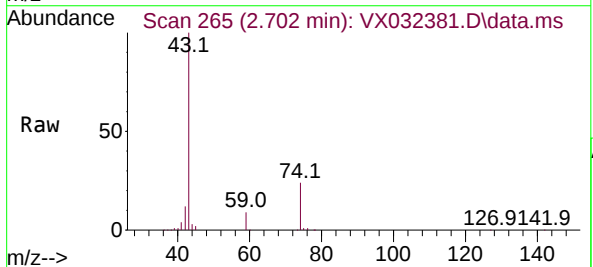
Manual Integrations
APPROVED

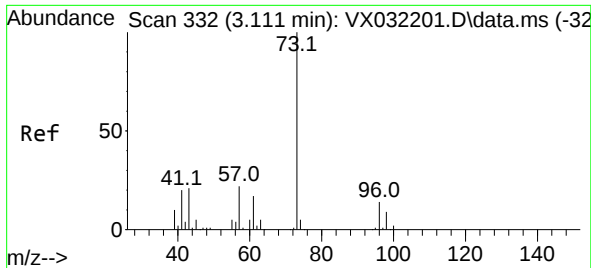
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#18
Methyl Acetate
Concen: 54.715 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

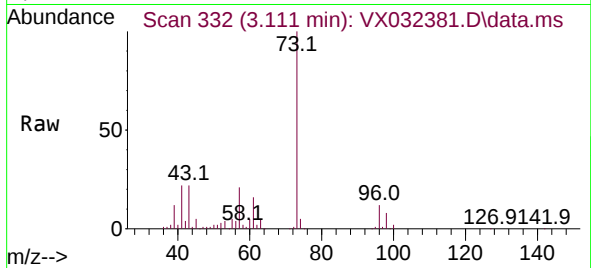
Tgt Ion: 43 Resp: 94981
Ion Ratio Lower Upper
43 100
74 24.5 19.8 29.8





#19
Methyl tert-butyl Ether
Concen: 52.826 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

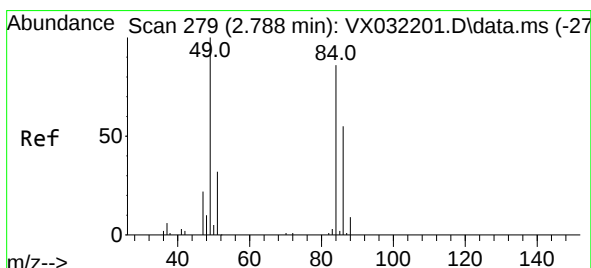
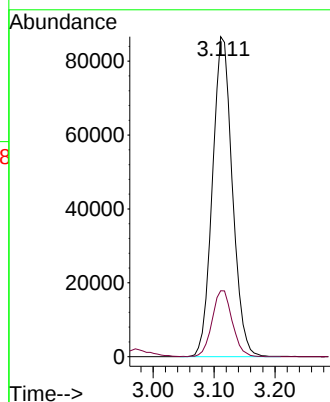
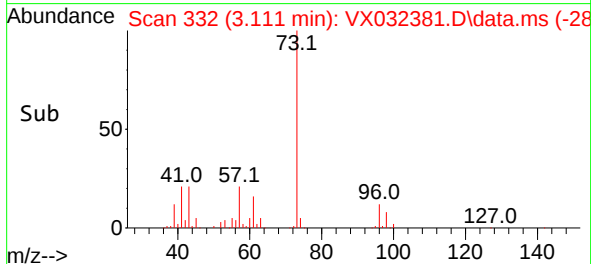
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 196789
Ion Ratio Lower Upper
73 100
57 20.6 17.4 26.2

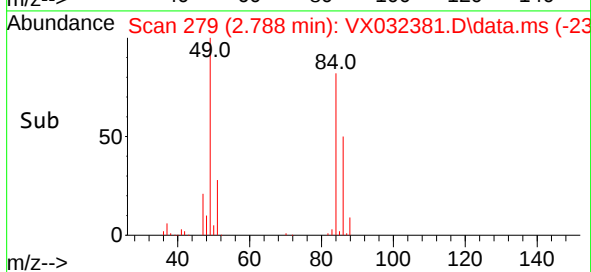
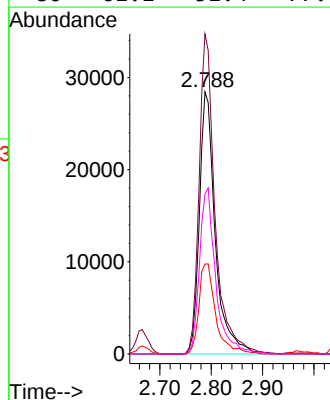
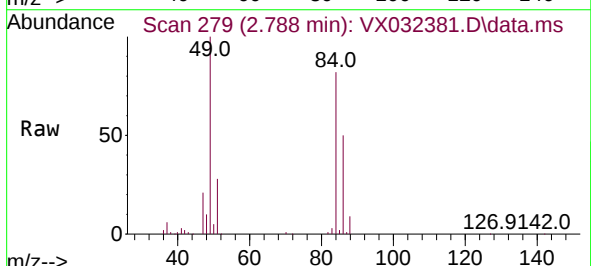
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#20
Methylene Chloride
Concen: 46.589 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

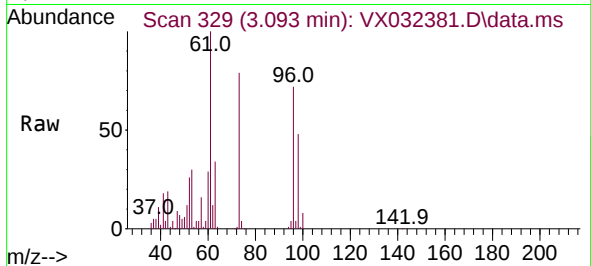
Tgt Ion: 84 Resp: 61168
Ion Ratio Lower Upper
84 100
49 122.2 92.6 139.0
51 34.3 29.2 43.8
86 61.1 51.4 77.0





#21
trans-1,2-Dichloroethene
Concen: 47.473 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

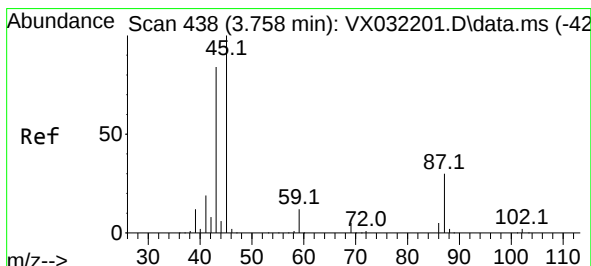
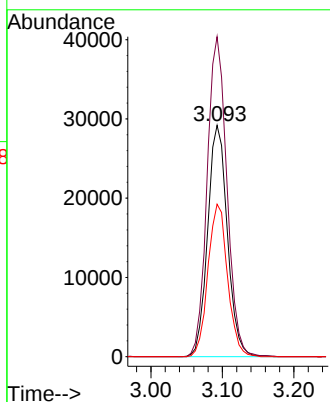
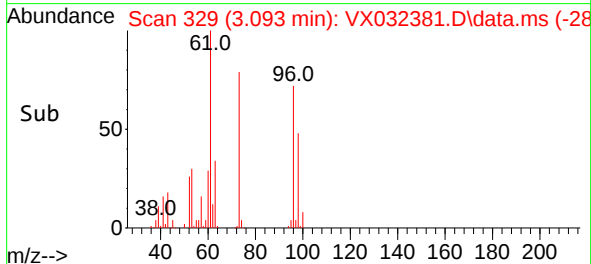
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 55898
Ion Ratio Lower Upper
96 100
61 138.3 107.7 161.5
98 65.9 50.2 75.4

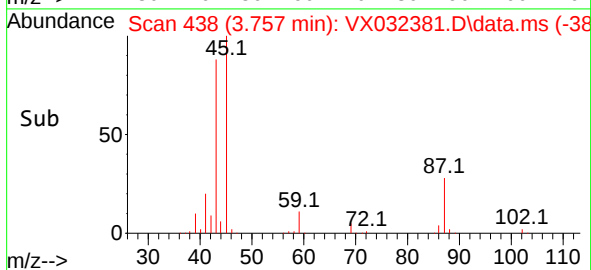
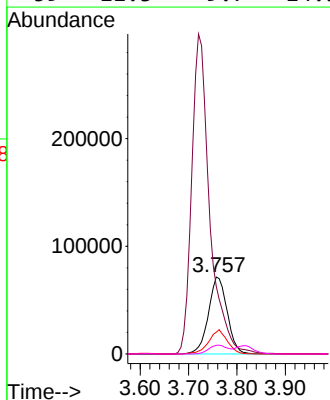
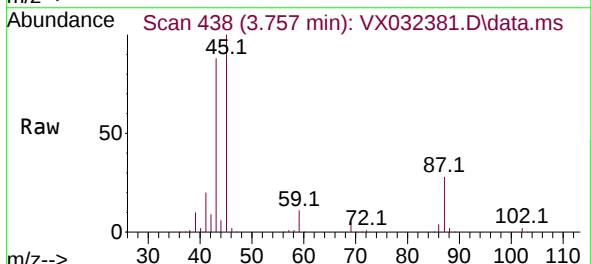
Manual Integrations
APPROVED

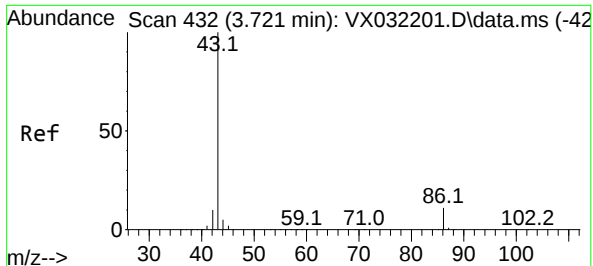
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#22
Diisopropyl ether
Concen: 51.749 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

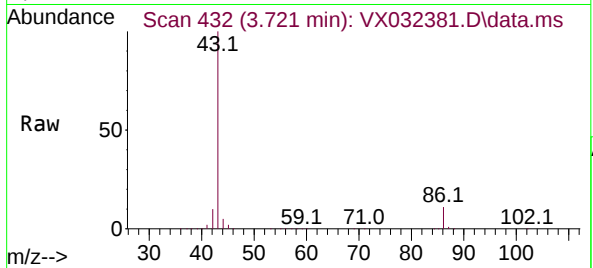
Tgt Ion: 45 Resp: 192409
Ion Ratio Lower Upper
45 100
43 87.2 67.5 101.3
87 28.3 24.0 36.0
59 11.3 9.7 14.5





#23
 Vinyl Acetate
 Concen: 258.097 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX032381.D
 Acq: 25 Oct 2022 22:13

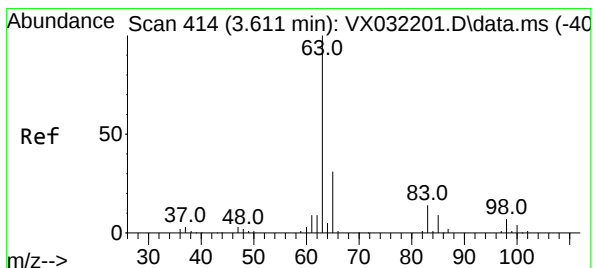
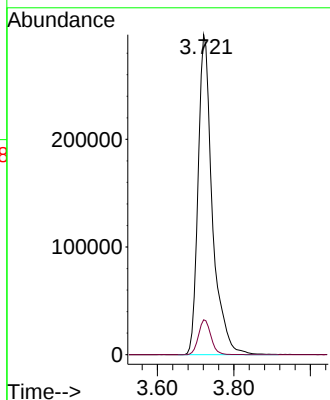
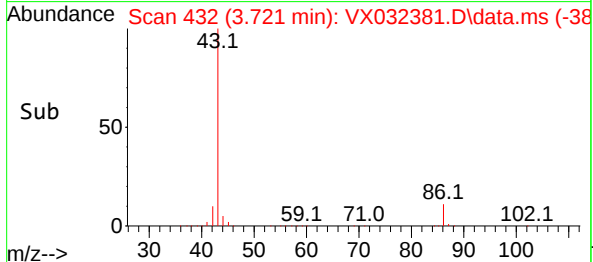
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



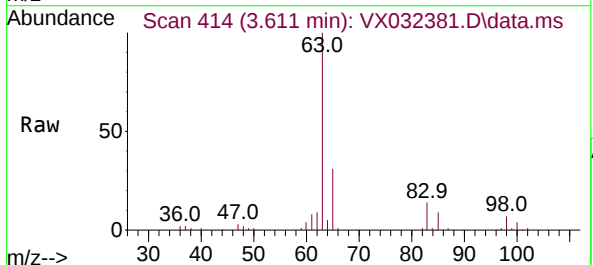
Tgt Ion: 43 Resp: 767000
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0

Manual Integrations
 APPROVED

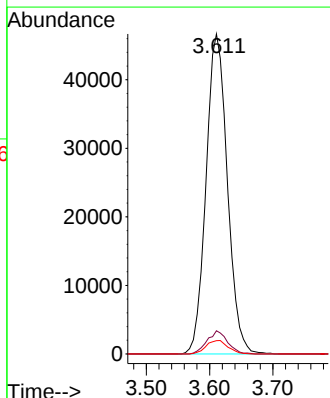
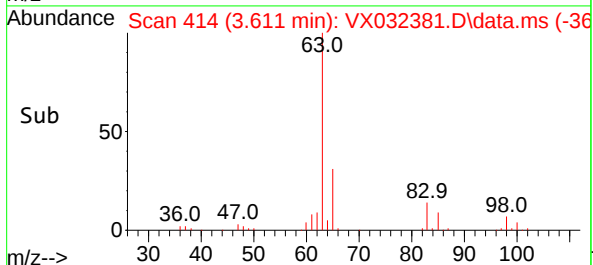
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

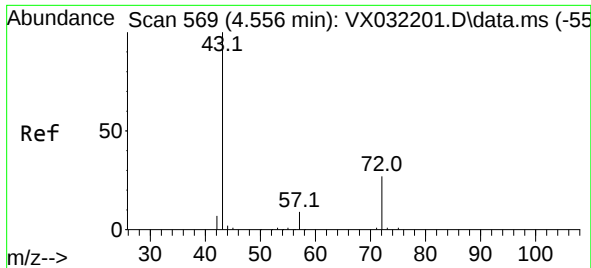


#24
 1,1-Dichloroethane
 Concen: 50.916 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX032381.D
 Acq: 25 Oct 2022 22:13



Tgt Ion: 63 Resp: 109381
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.1 2.1 6.3





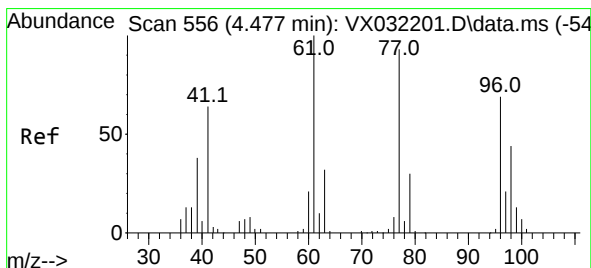
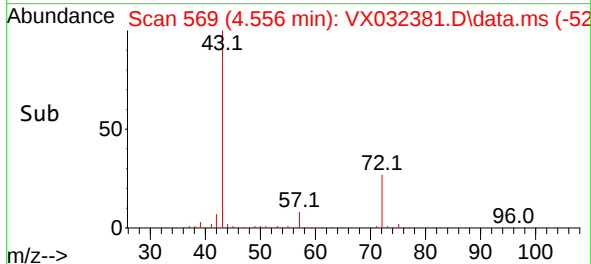
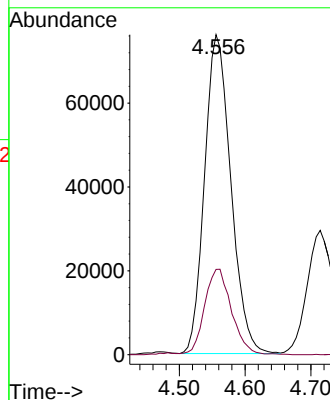
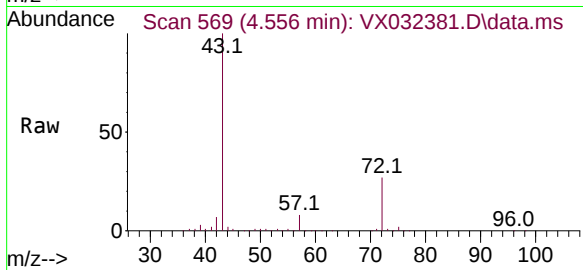
#25
2-Butanone
Concen: 264.857 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 211439
Ion Ratio Lower Upper
43 100
72 26.6 21.7 32.5

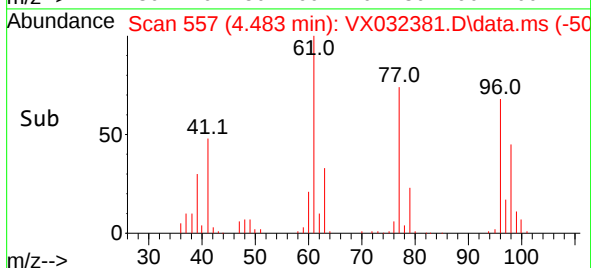
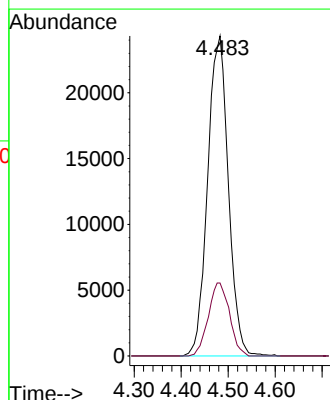
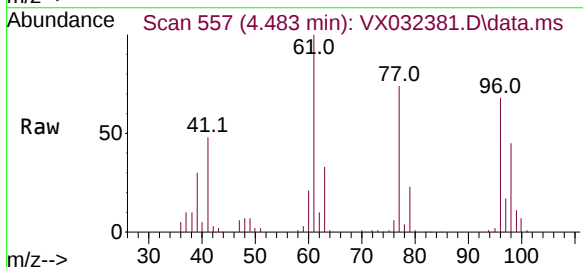
Manual Integrations
APPROVED

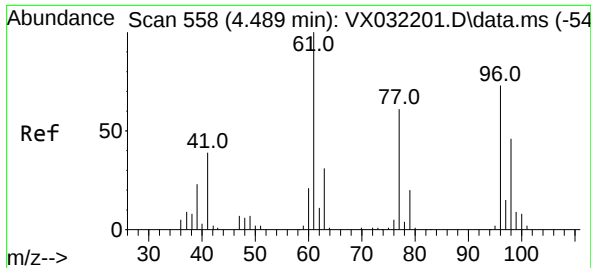
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#26
2,2-Dichloropropane
Concen: 48.066 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

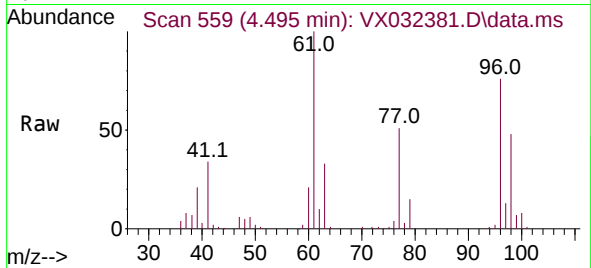
Tgt Ion: 77 Resp: 74396
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 51.104 ug/l
 RT: 4.495 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX032381.D
 Acq: 25 Oct 2022 22:13

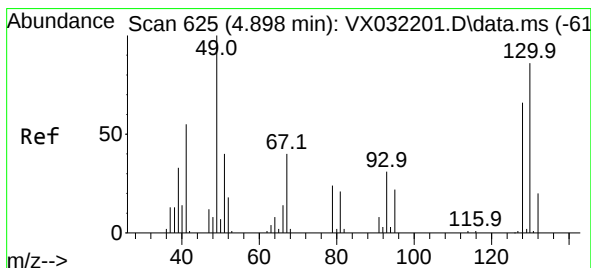
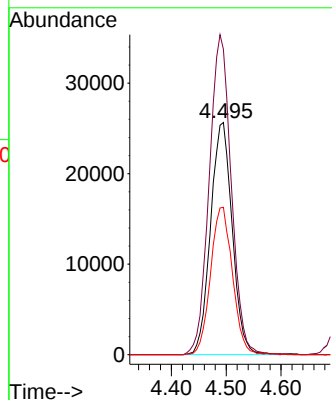
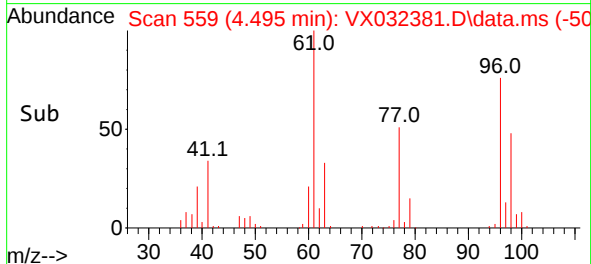
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



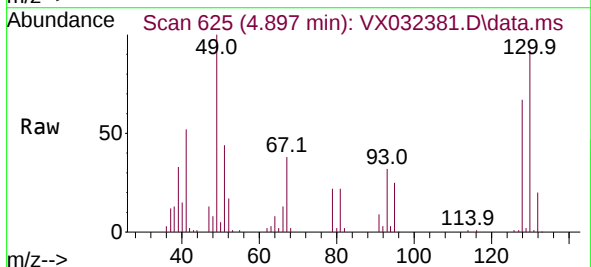
Tgt Ion: 96 Resp: 70454
 Ion Ratio Lower Upper
 96 100
 61 139.8 0.0 279.2
 98 64.1 0.0 128.0

Manual Integrations
 APPROVED

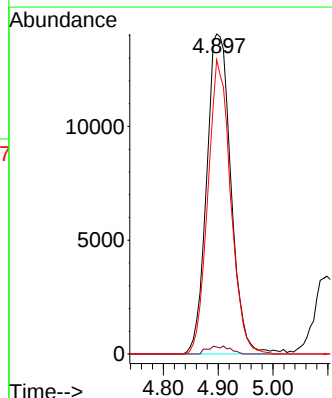
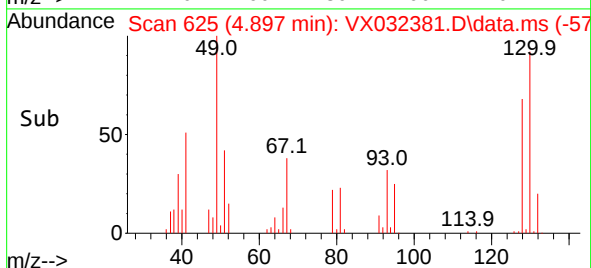
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

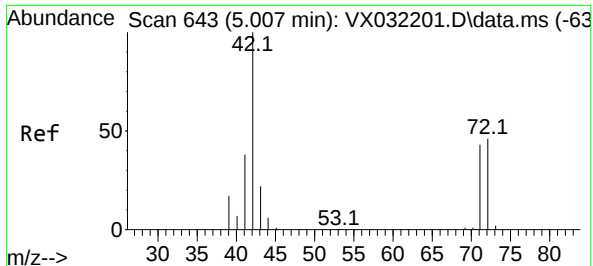


#28
 Bromochloromethane
 Concen: 48.957 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.001 min
 Lab File: VX032381.D
 Acq: 25 Oct 2022 22:13



Tgt Ion: 49 Resp: 43392
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 85.8 68.3 102.5





#29

Tetrahydrofuran

Concen: 262.702 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX032381.D

Acq: 25 Oct 2022 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 13545

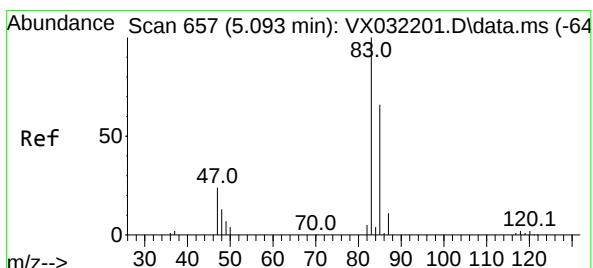
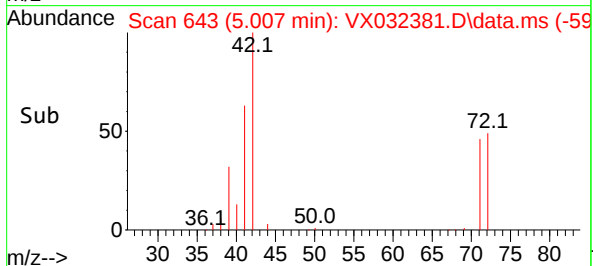
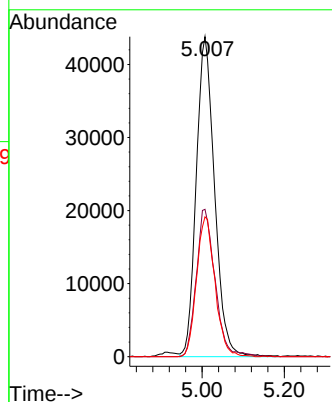
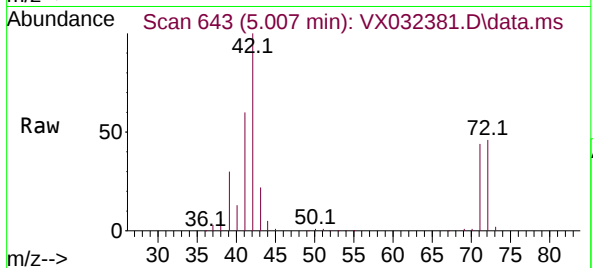
Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.5	56.3
71	43.8	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#30

Chloroform

Concen: 52.392 ug/l

RT: 5.098 min Scan# 658

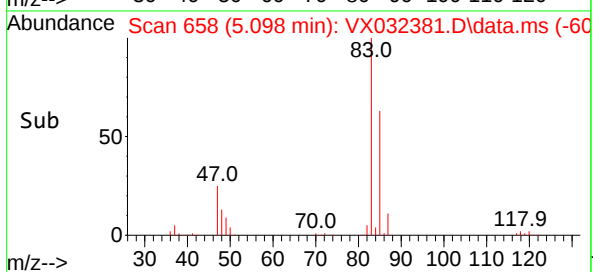
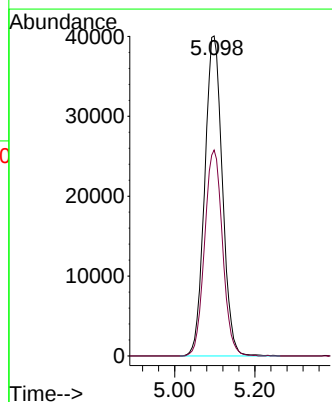
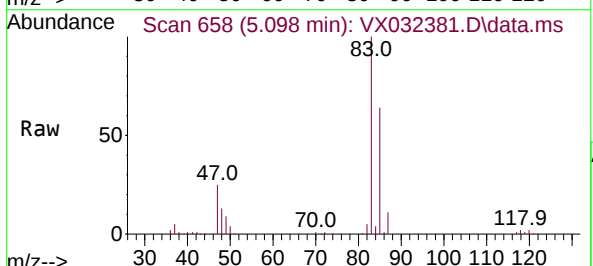
Delta R.T. 0.005 min

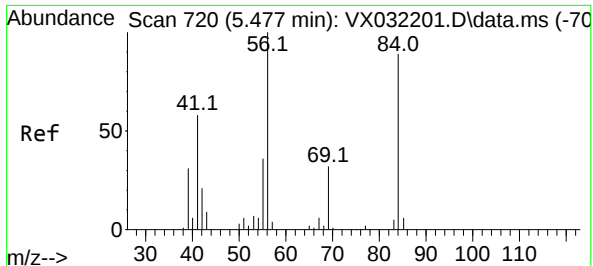
Lab File: VX032381.D

Acq: 25 Oct 2022 22:13

Tgt Ion: 83 Resp: 122506

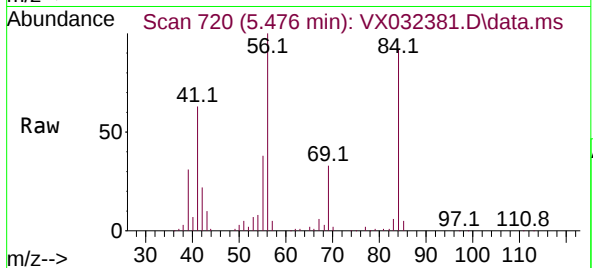
Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.5	78.7





#31
Cyclohexane
Concen: 47.927 ug/l
RT: 5.476 min Scan# 720
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

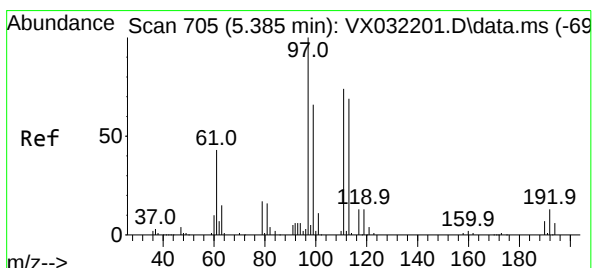
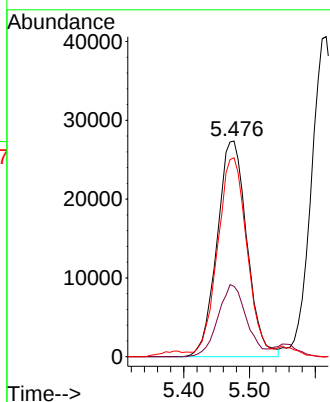
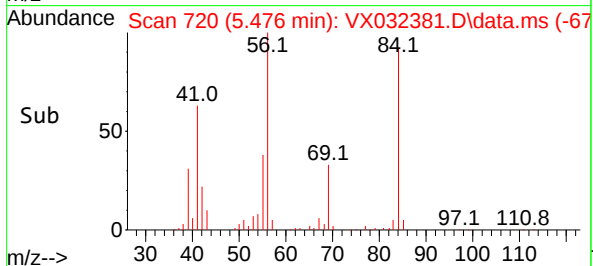
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 86328
Ion Ratio Lower Upper
56 100
69 32.7 25.4 38.0
84 89.6 71.2 106.8

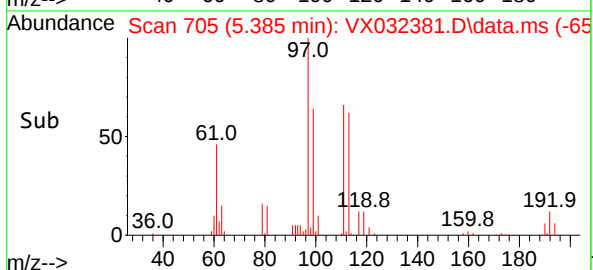
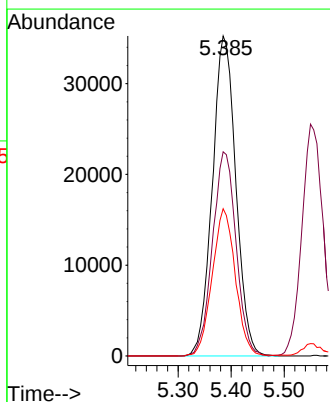
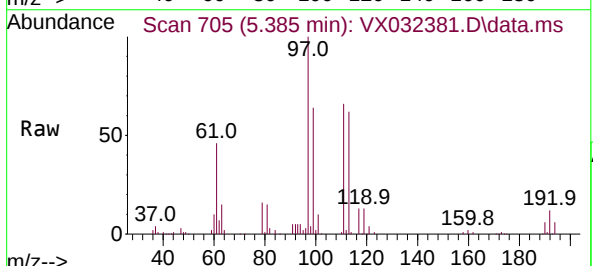
Manual Integrations
APPROVED

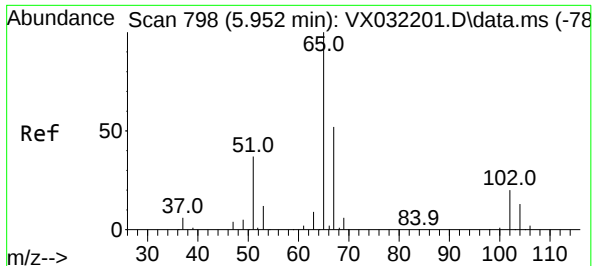
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#32
1,1,1-Trichloroethane
Concen: 54.428 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Tgt Ion: 97 Resp: 108529
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.8
61 45.3 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 52.164 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX032381.D

Acq: 25 Oct 2022 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 82190

Ion Ratio Lower Upper

65 100

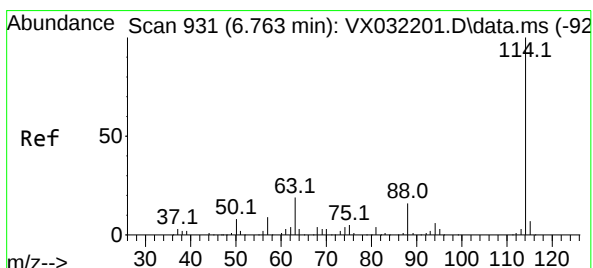
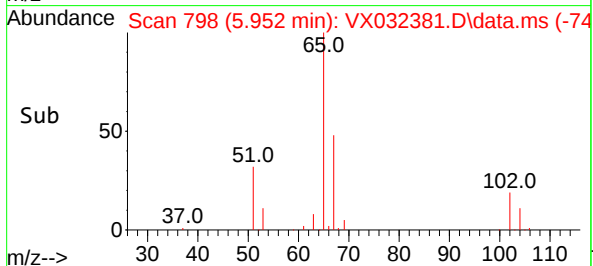
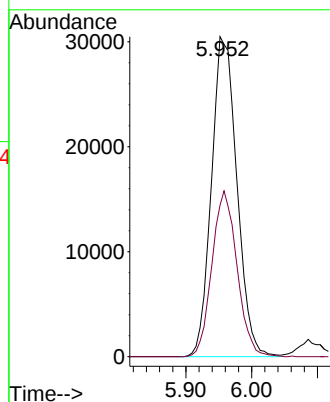
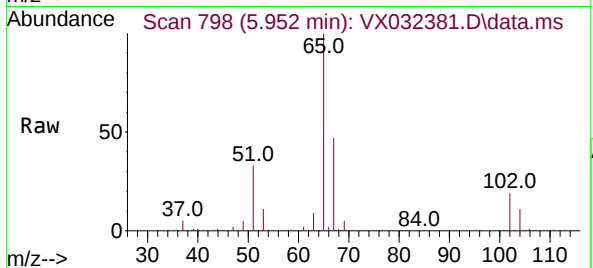
67 50.9 0.0 103.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032381.D

Acq: 25 Oct 2022 22:13

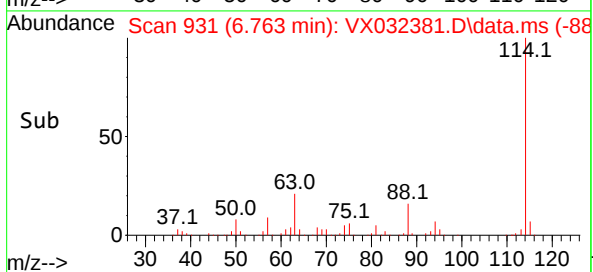
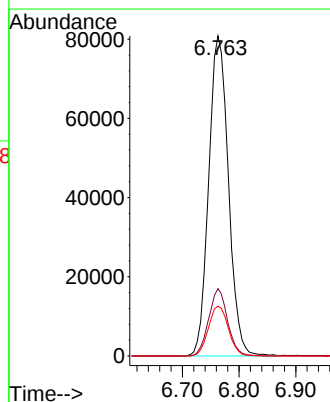
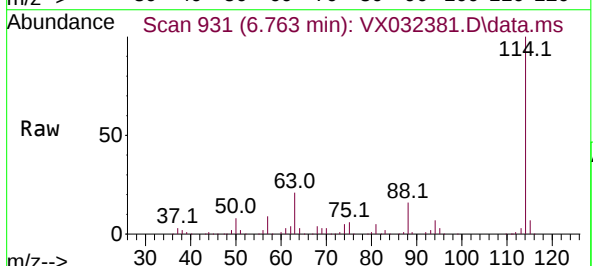
Tgt Ion:114 Resp: 195386

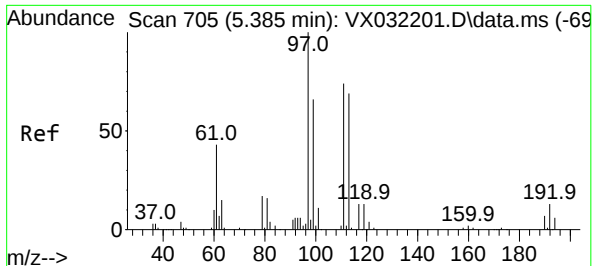
Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.6

88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.998 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032381.D

Acq: 25 Oct 2022 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 66619

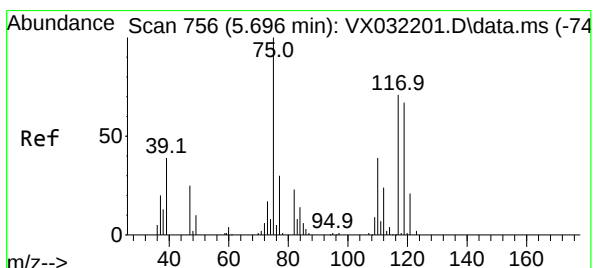
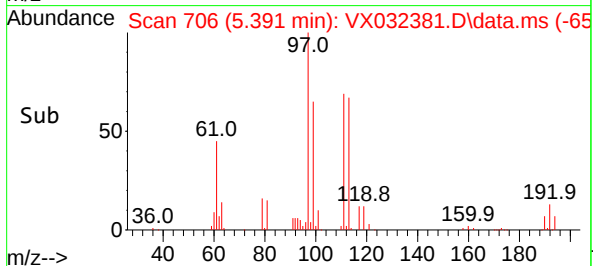
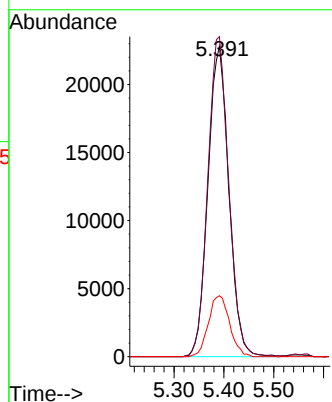
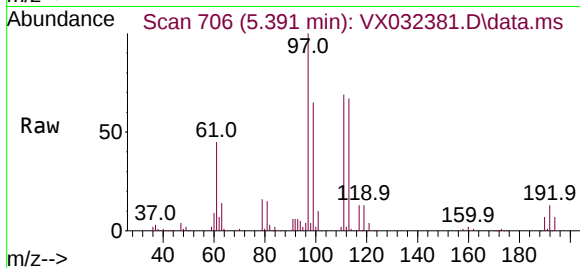
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	19.9	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#36

1,1-Dichloropropene

Concen: 46.689 ug/l

RT: 5.696 min Scan# 756

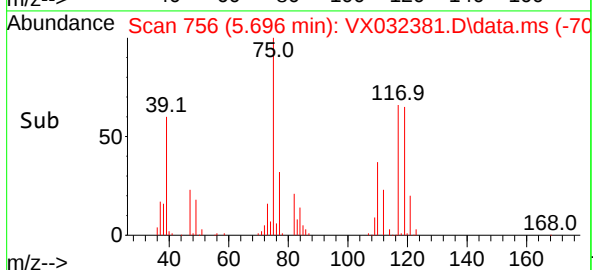
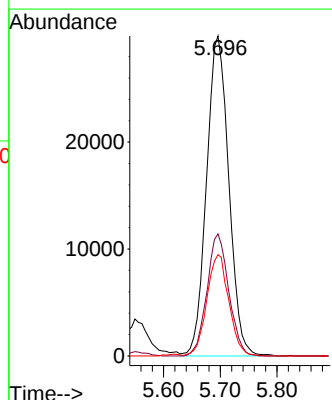
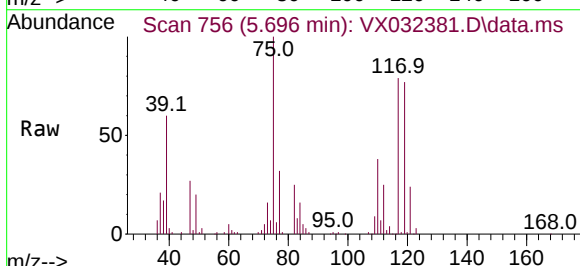
Delta R.T. -0.000 min

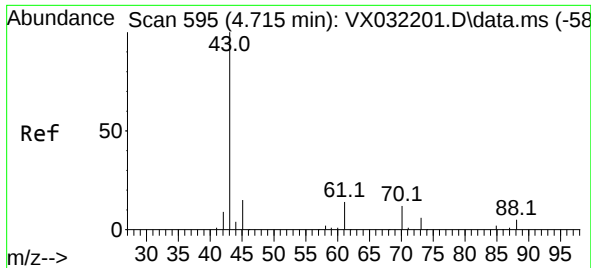
Lab File: VX032381.D

Acq: 25 Oct 2022 22:13

Tgt Ion: 75 Resp: 81657

Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.4	55.0
77	31.3	24.7	37.1





#37

Ethyl Acetate

Concen: 50.014 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX032381.D

Acq: 25 Oct 2022 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 8564

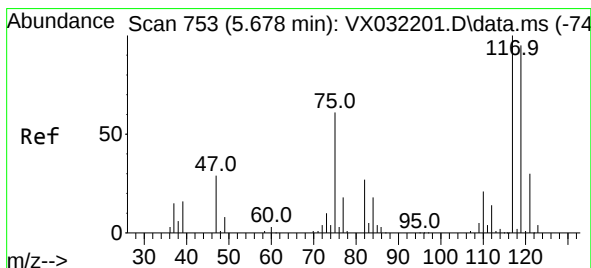
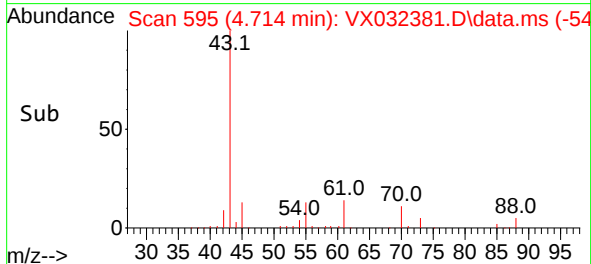
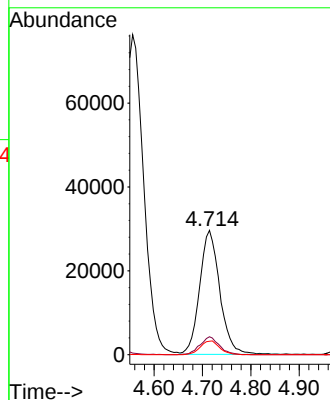
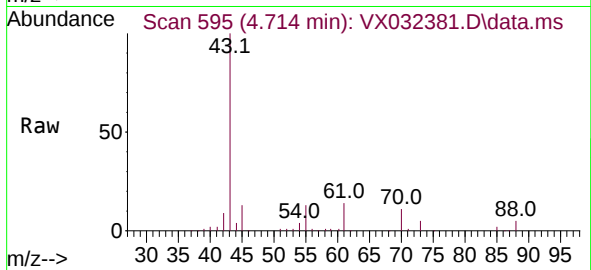
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.4	17.2
70	10.6	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#38

Carbon Tetrachloride

Concen: 51.002 ug/l

RT: 5.678 min Scan# 753

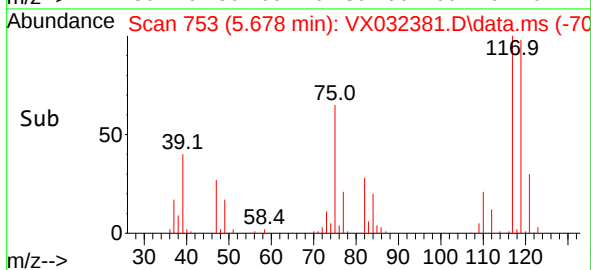
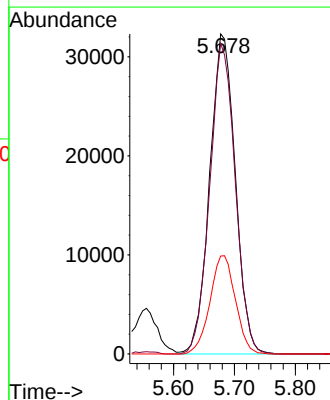
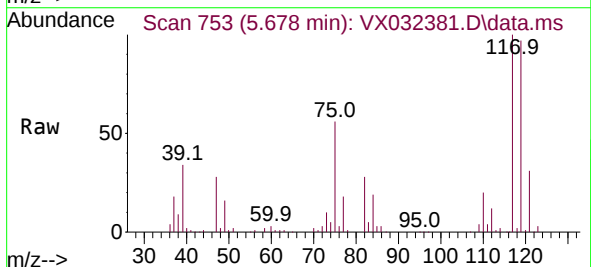
Delta R.T. -0.000 min

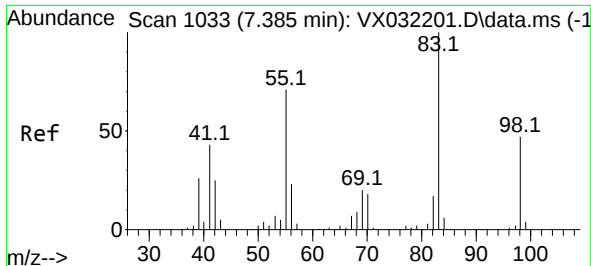
Lab File: VX032381.D

Acq: 25 Oct 2022 22:13

Tgt Ion: 117 Resp: 94166

Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.4	113.0
121	30.6	23.9	35.9





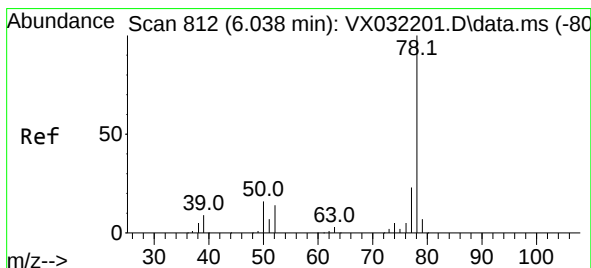
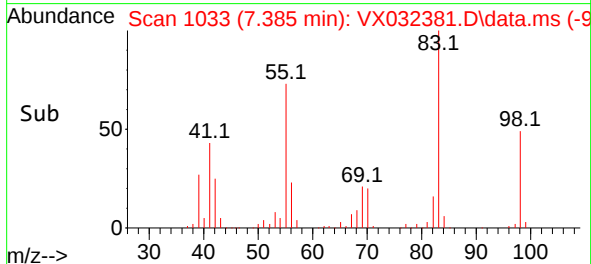
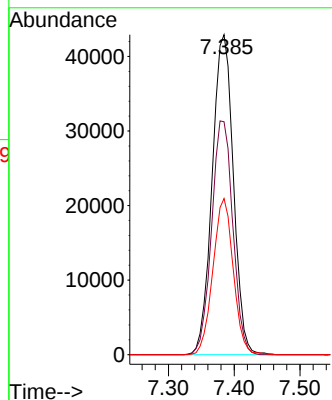
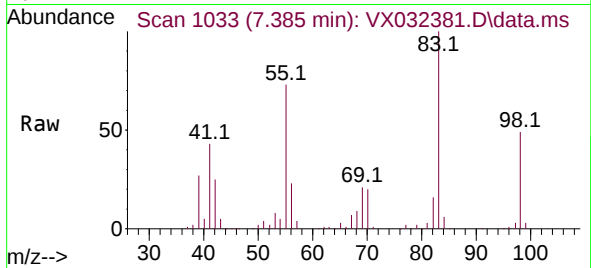
#39
Methylcyclohexane
Concen: 46.135 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9639
Ion Ratio Lower Upper
83 100
55 72.8 56.6 85.0
98 48.8 37.4 56.0

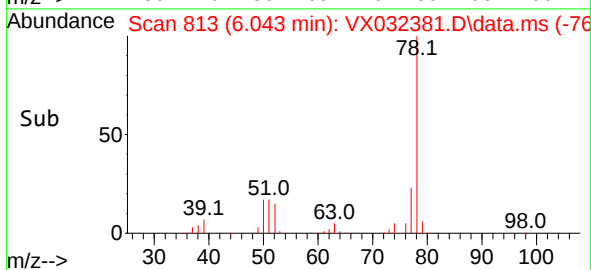
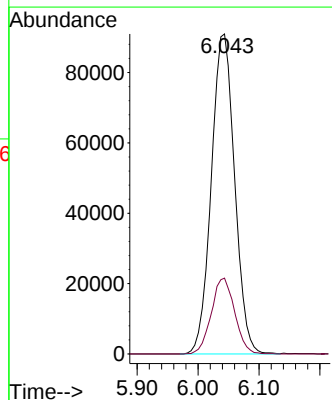
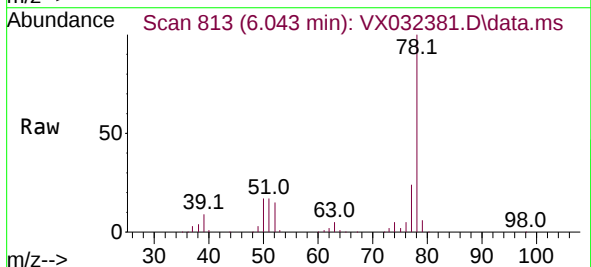
Manual Integrations
APPROVED

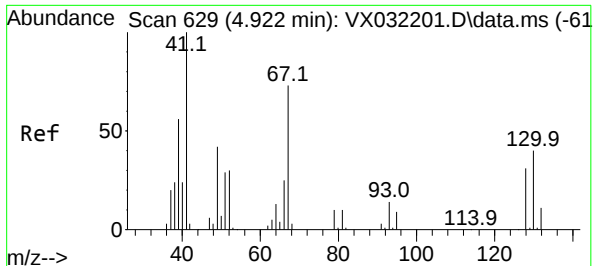
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#40
Benzene
Concen: 47.695 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.005 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Tgt Ion: 78 Resp: 241766
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





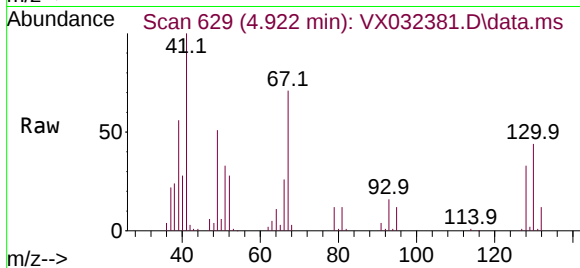
#41
Methacrylonitrile
Concen: 52.811 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



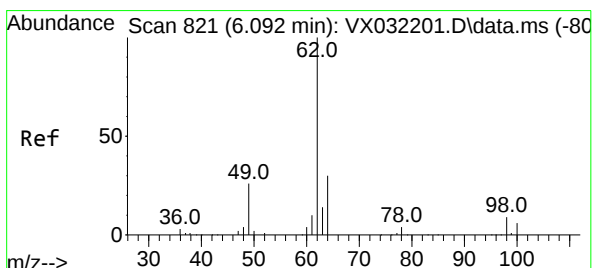
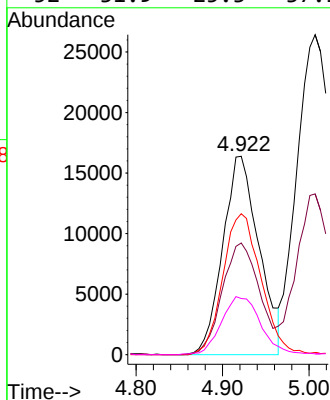
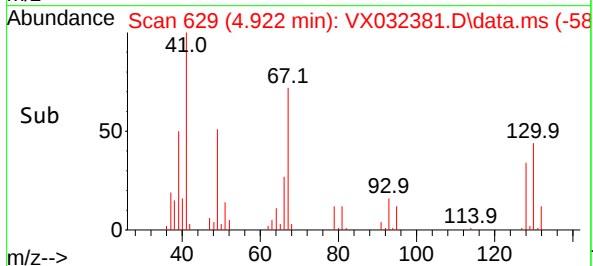
Tgt Ion: 41 Resp: 4768
Ion Ratio Lower Upper
41 100
39 57.0 45.5 68.3
67 74.6 59.4 89.2
52 31.9 25.3 37.9

Manual Integrations

APPROVED

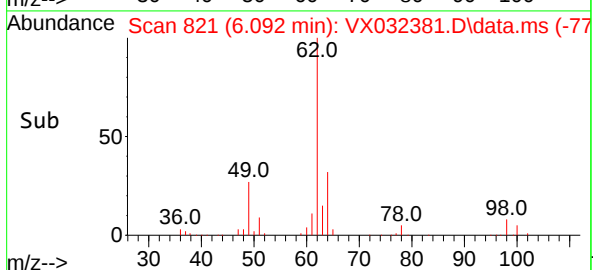
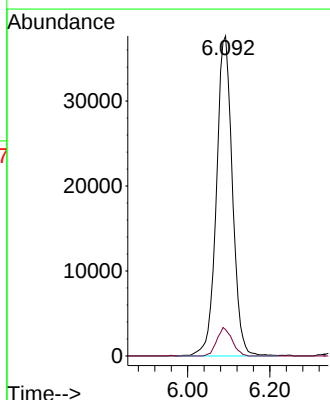
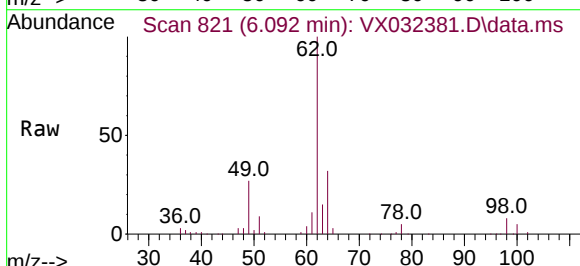
Reviewed By :John Carlone 10/27/2022

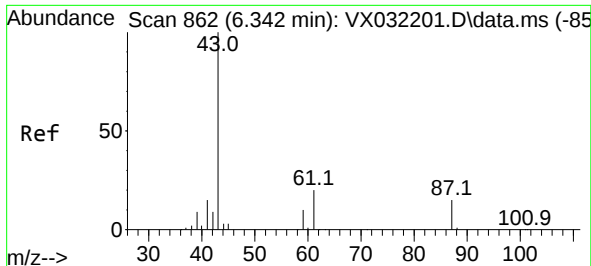
Supervised By :Mahesh Dadoda 10/31/2022



#42
1,2-Dichloroethane
Concen: 52.341 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Tgt Ion: 62 Resp: 101627
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.4





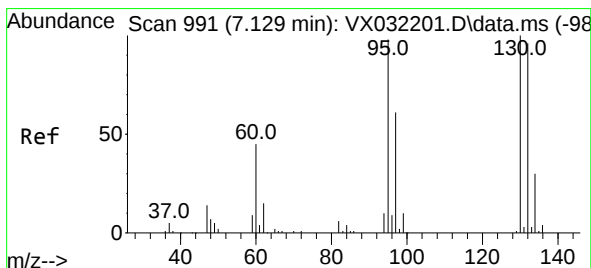
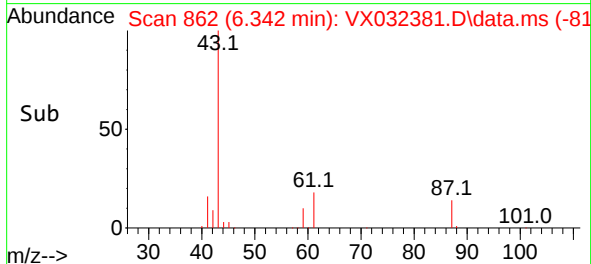
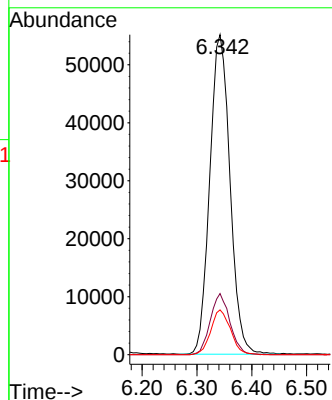
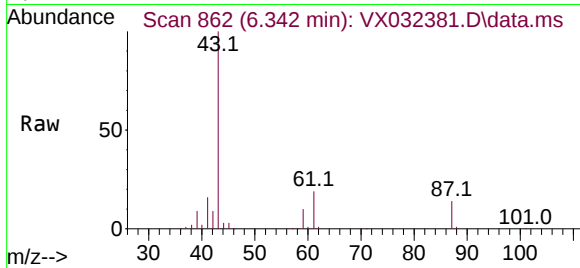
#43
Isopropyl Acetate
Concen: 52.425 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 14090
Ion Ratio Lower Upper
43 100
61 18.6 15.5 23.3
87 13.7 11.0 16.6

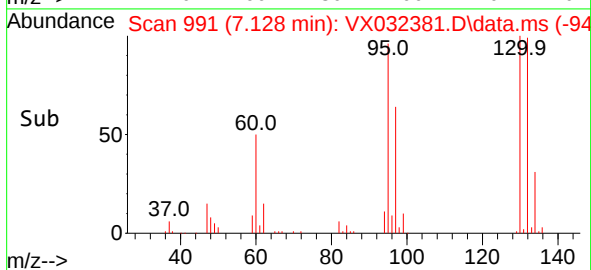
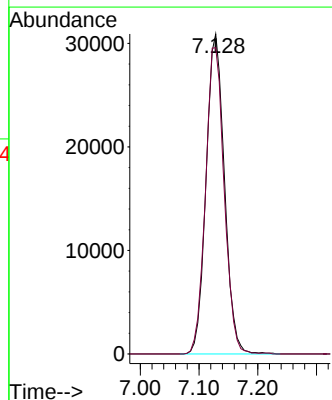
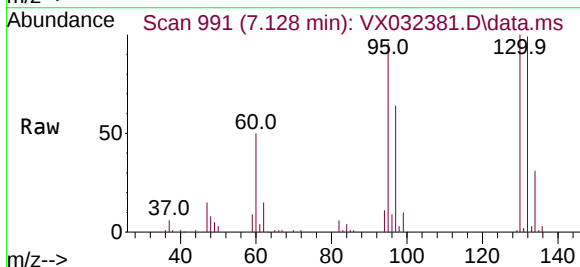
Manual Integrations
APPROVED

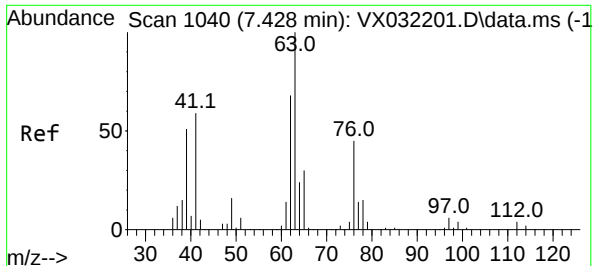
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#44
Trichloroethene
Concen: 47.987 ug/l
RT: 7.128 min Scan# 991
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Tgt Ion:130 Resp: 66985
Ion Ratio Lower Upper
130 100
95 95.7 0.0 196.8





#45

1,2-Dichloropropane

Concen: 50.199 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.005 min

Lab File: VX032381.D

Acq: 25 Oct 2022 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6419

Ion Ratio Lower Upper

63 100

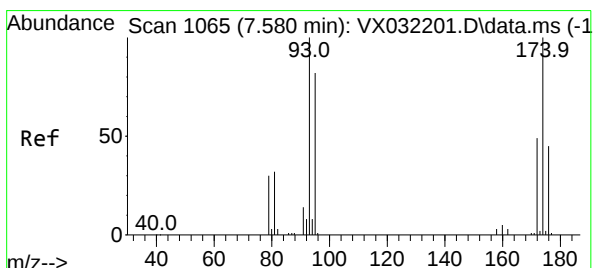
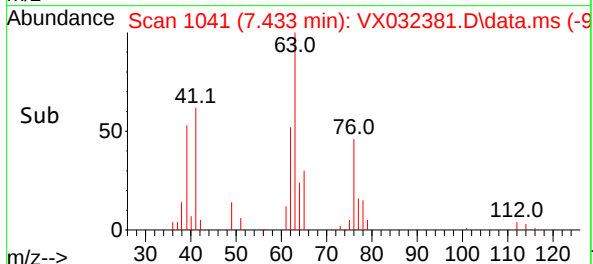
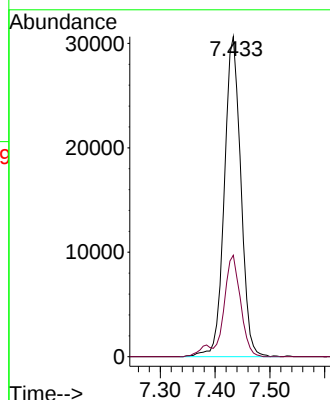
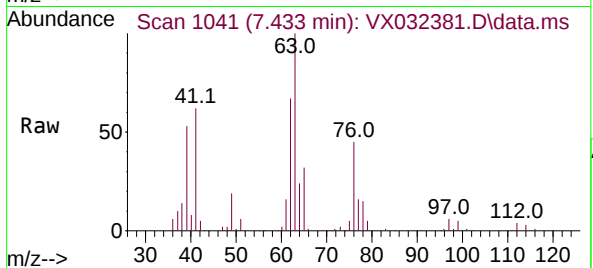
65 31.7 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#46

Dibromomethane

Concen: 51.153 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX032381.D

Acq: 25 Oct 2022 22:13

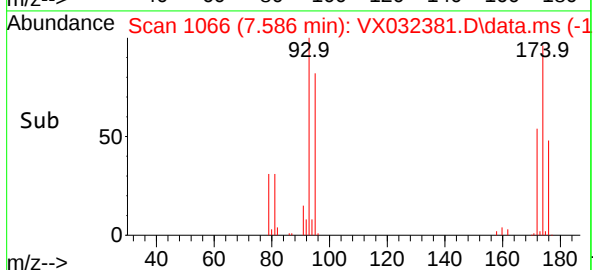
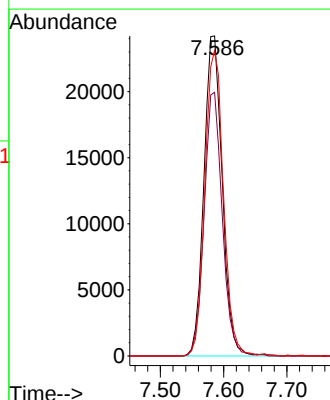
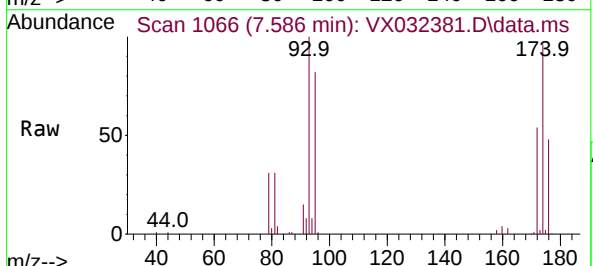
Tgt Ion: 93 Resp: 48787

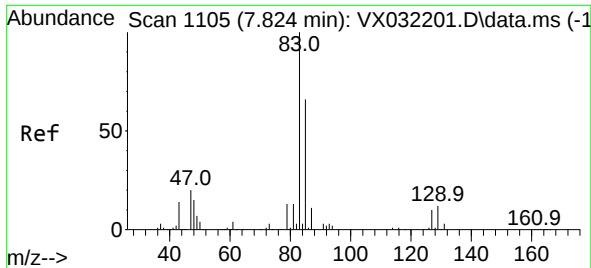
Ion Ratio Lower Upper

93 100

95 81.5 66.1 99.1

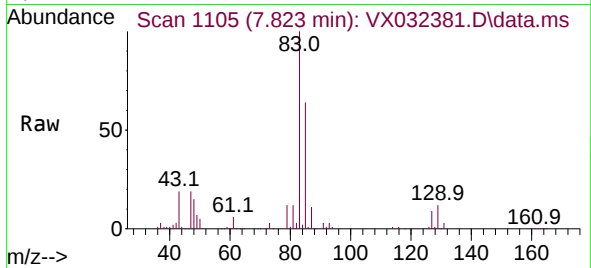
174 96.3 80.7 121.1





#47
Bromodichloromethane
Concen: 54.185 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

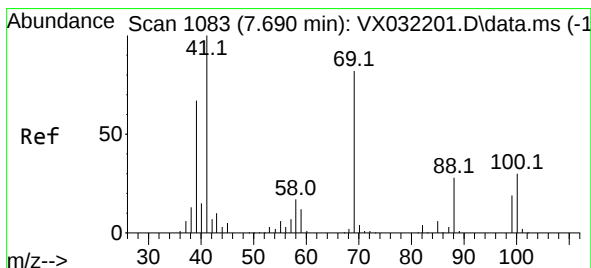
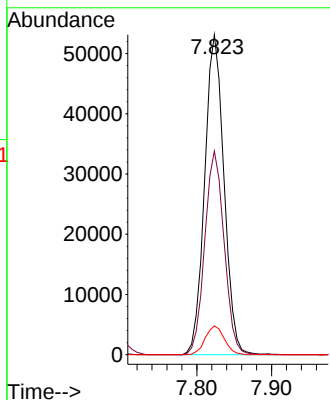
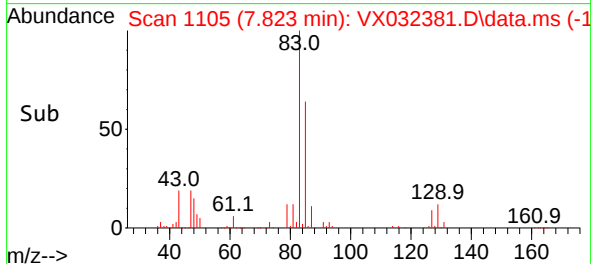
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



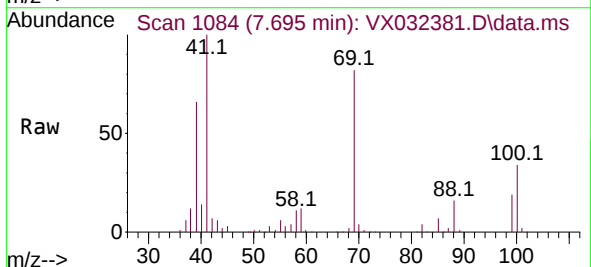
Tgt Ion: 83 Resp: 9546
Ion Ratio Lower Upper
83 100
85 63.7 53.0 79.6
127 9.0 7.8 11.8

Manual Integrations
APPROVED

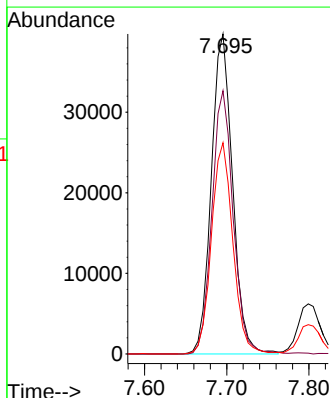
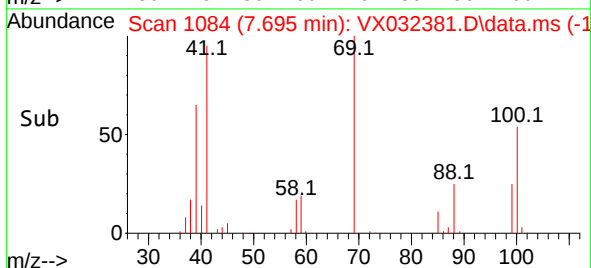
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

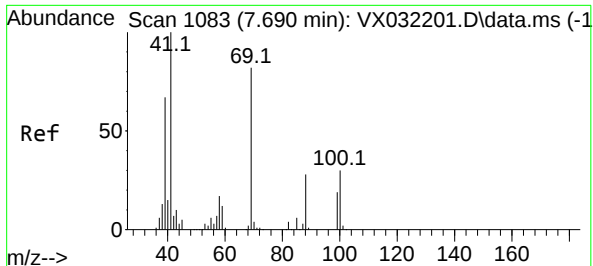


#48
Methyl methacrylate
Concen: 53.275 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.005 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13



Tgt Ion: 41 Resp: 71410
Ion Ratio Lower Upper
41 100
69 82.3 67.3 100.9
39 66.7 53.8 80.8





#49

1,4-Dioxane

Concen: 1029.905 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. -0.013 min

Lab File: VX032381.D

Acq: 25 Oct 2022 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

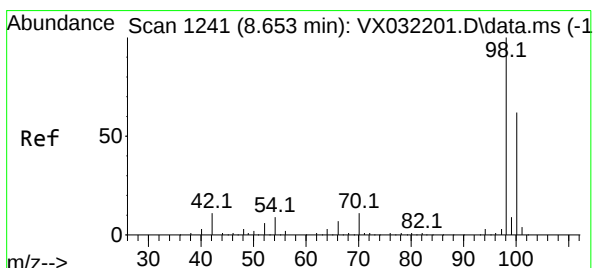
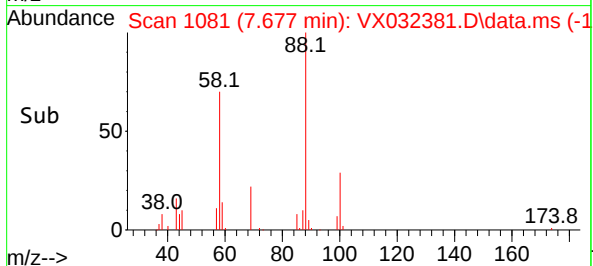
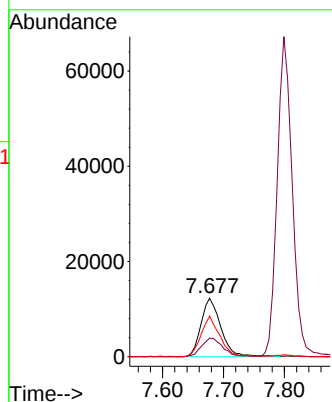
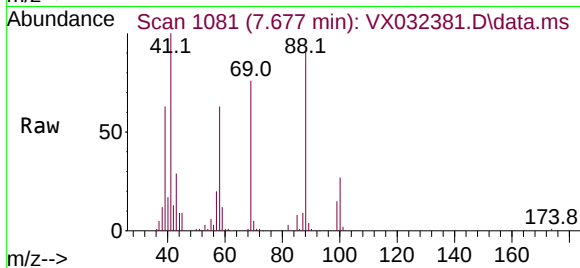
Tgt Ion:	88	Resp:	2770
Ion	Ratio	Lower	Upper
88	100		
43	34.2	26.9	40.3
58	65.6	50.7	76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#50

Toluene-d8

Concen: 48.249 ug/l

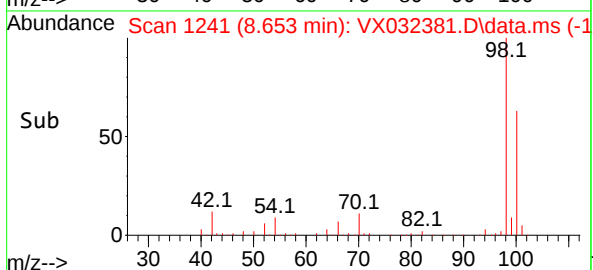
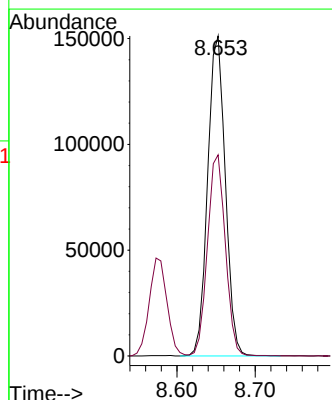
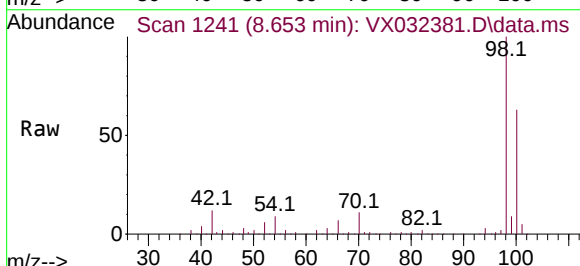
RT: 8.653 min Scan# 1241

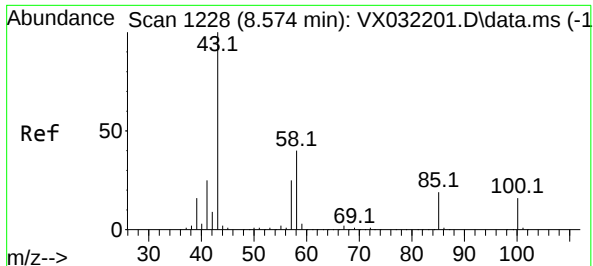
Delta R.T. -0.000 min

Lab File: VX032381.D

Acq: 25 Oct 2022 22:13

Tgt Ion:	98	Resp:	236142
Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.7	76.1





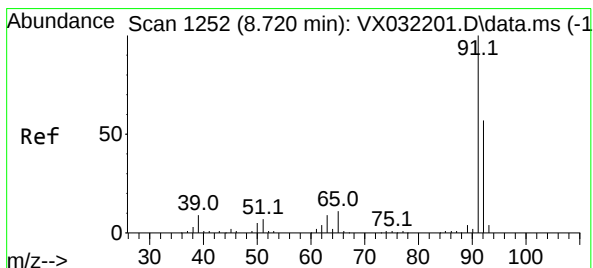
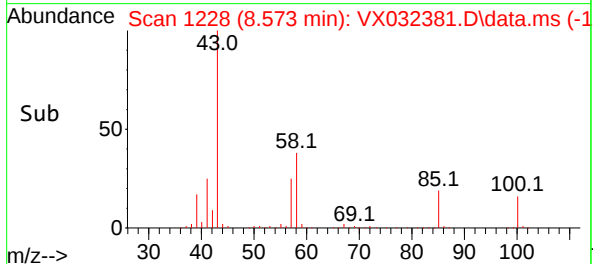
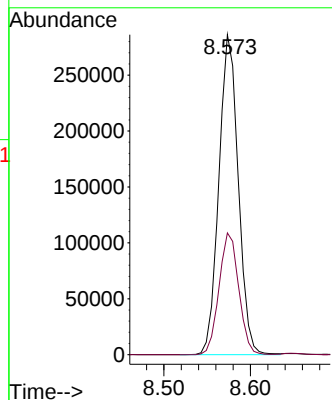
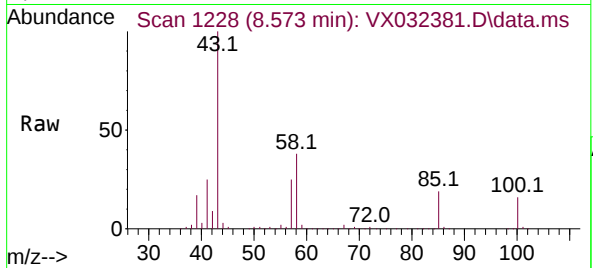
#51
4-Methyl-2-Pentanone
Concen: 264.032 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 444835
Ion Ratio Lower Upper
43 100
58 38.7 31.0 46.4

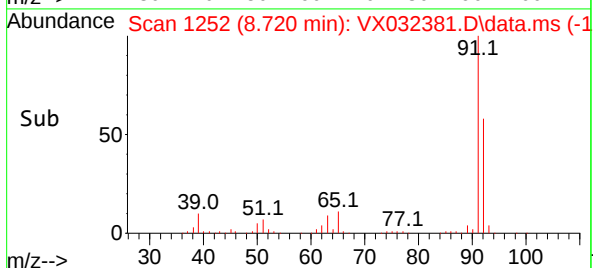
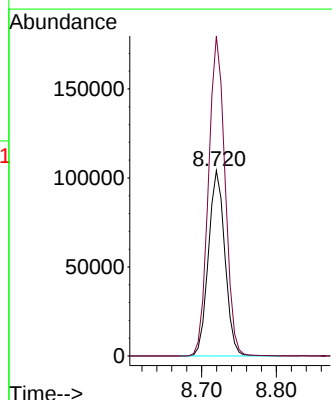
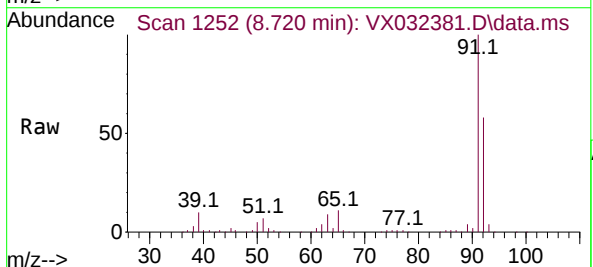
Manual Integrations
APPROVED

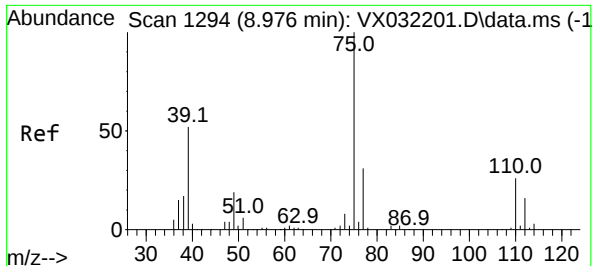
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#52
Toluene
Concen: 48.485 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Tgt Ion: 92 Resp: 159210
Ion Ratio Lower Upper
92 100
91 173.5 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 47.265 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX032381.D

Acq: 25 Oct 2022 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 93632

Ion Ratio Lower Upper

75 100

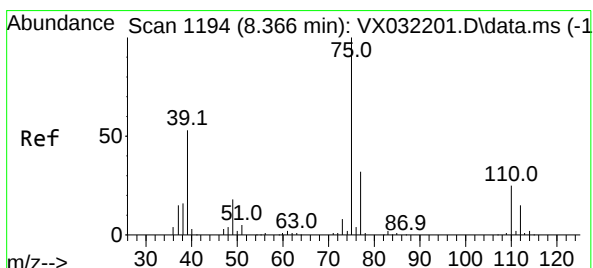
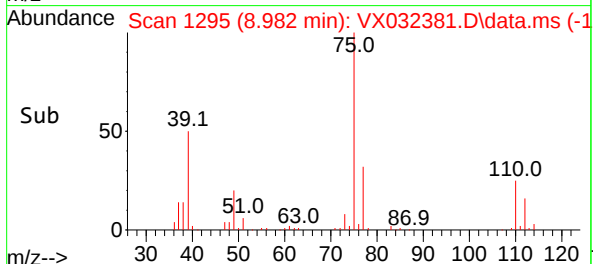
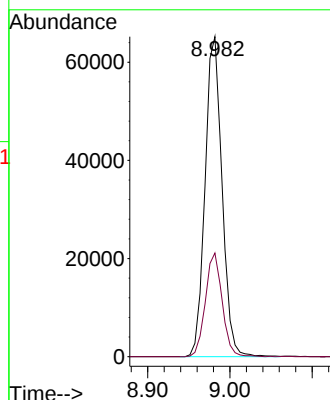
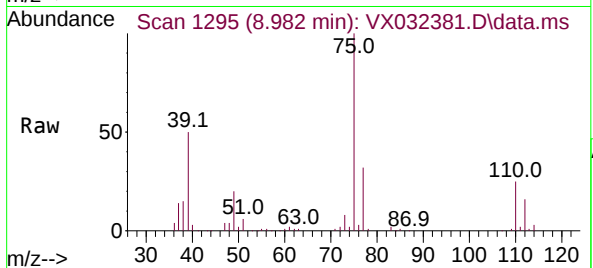
77 32.4 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#54

cis-1,3-Dichloropropene

Concen: 51.413 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX032381.D

Acq: 25 Oct 2022 22:13

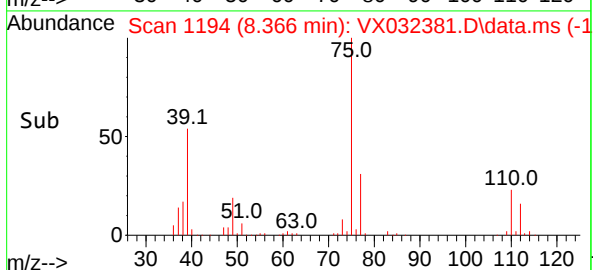
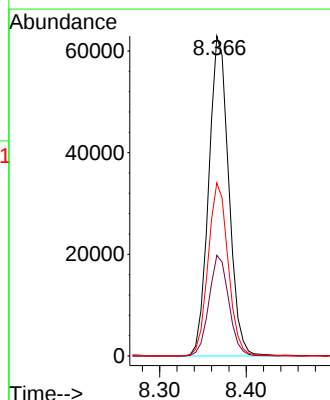
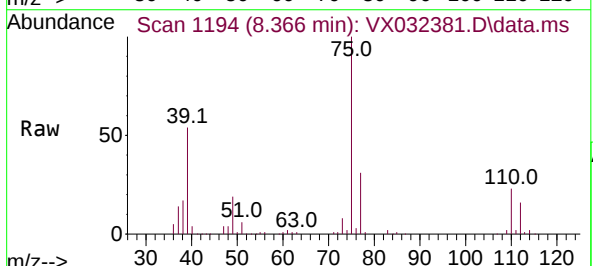
Tgt Ion: 75 Resp: 100931

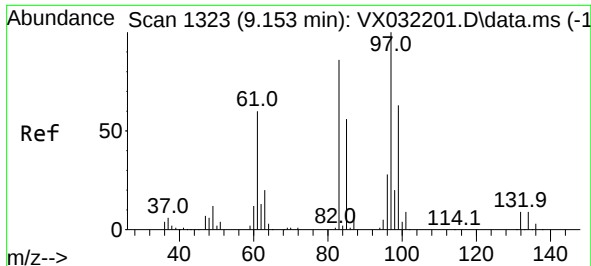
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

39 54.1 42.4 63.6





#55
1,1,2-Trichloroethane
Concen: 50.907 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Instrument :

MSVOA_X

ClientSampleId :

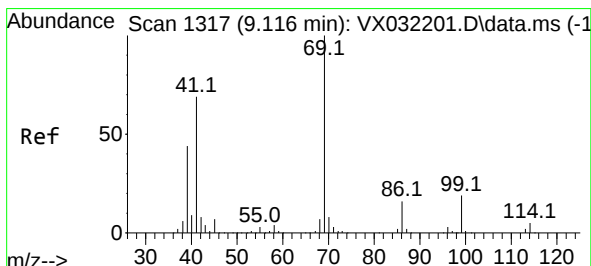
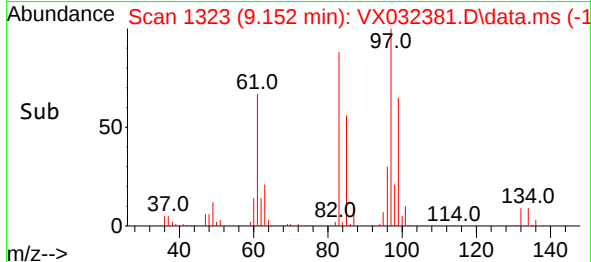
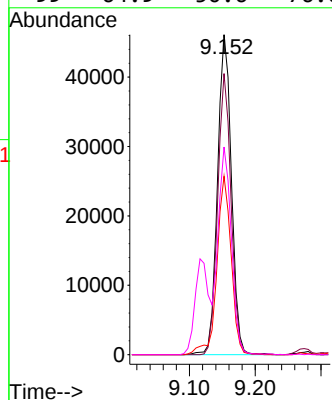
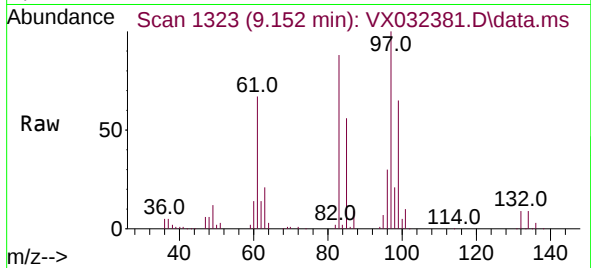
VSTDCCC050

Tgt Ion: 97 Resp: 6790
Ion Ratio Lower Upper
97 100
83 87.9 68.8 103.2
85 55.8 44.7 67.1
99 64.9 50.6 76.0

Manual Integrations

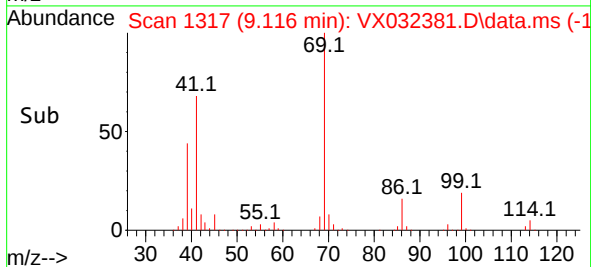
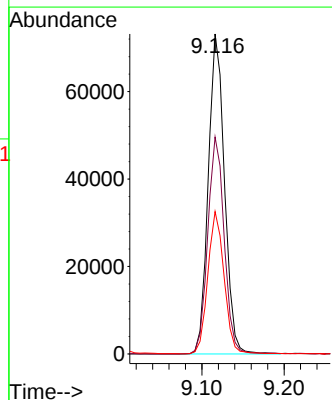
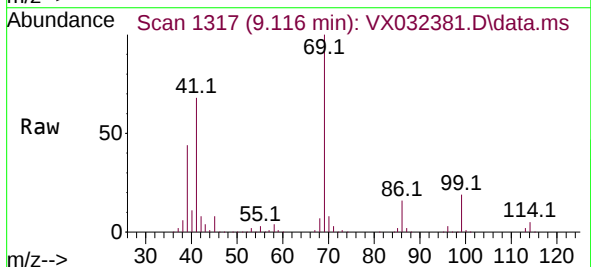
APPROVED

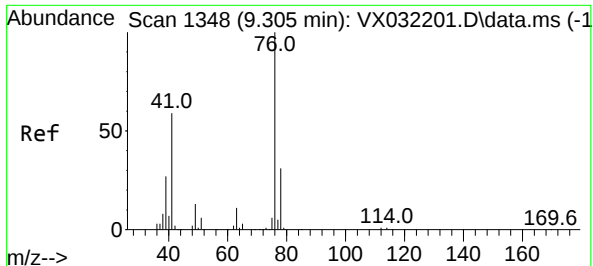
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#56
Ethyl methacrylate
Concen: 52.283 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Tgt Ion: 69 Resp: 100444
Ion Ratio Lower Upper
69 100
41 68.8 54.5 81.7
39 44.7 35.7 53.5





#57

1,3-Dichloropropane

Concen: 51.611 ug/l

RT: 9.311 min Scan# 11151

Delta R.T. 0.006 min

Lab File: VX032381.D

Acq: 25 Oct 2022 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11151

Ion Ratio Lower Upper

76 100

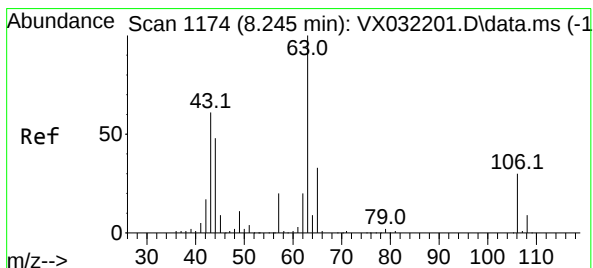
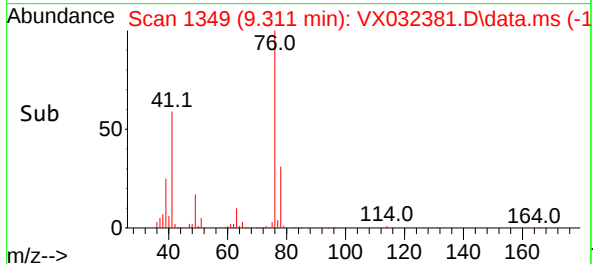
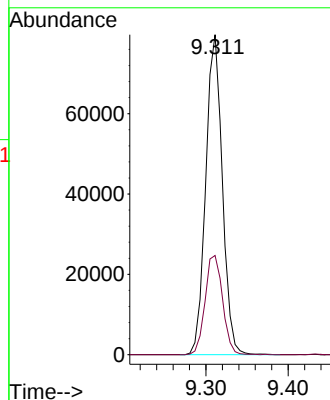
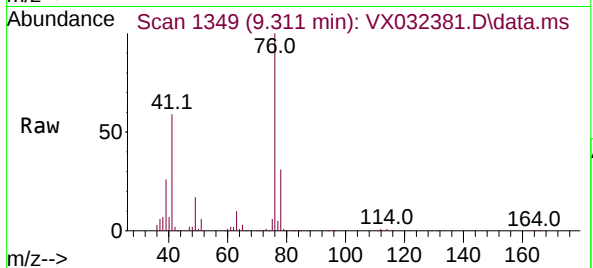
78 32.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#58

2-Chloroethyl Vinyl ether

Concen: 229.096 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.001 min

Lab File: VX032381.D

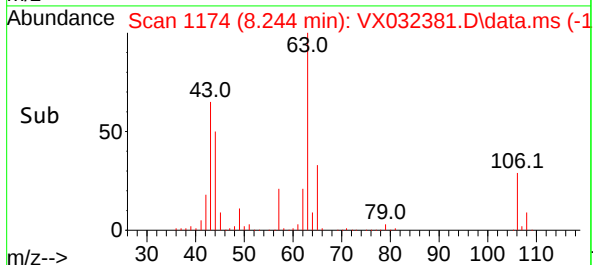
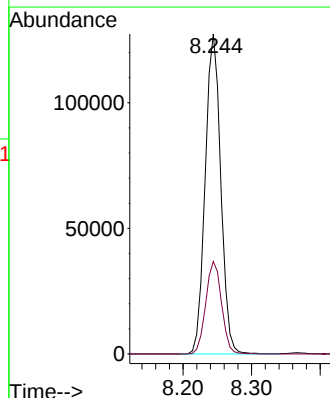
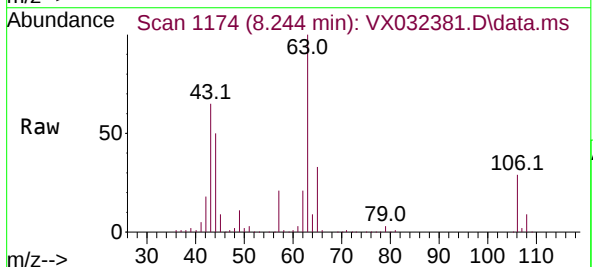
Acq: 25 Oct 2022 22:13

Tgt Ion: 63 Resp: 201738

Ion Ratio Lower Upper

63 100

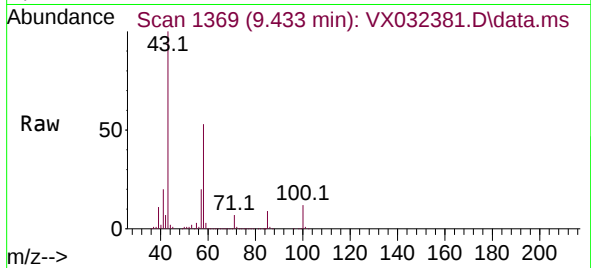
106 29.3 23.6 35.4





#59
2-Hexanone
Concen: 265.834 ug/l
RT: 9.433 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

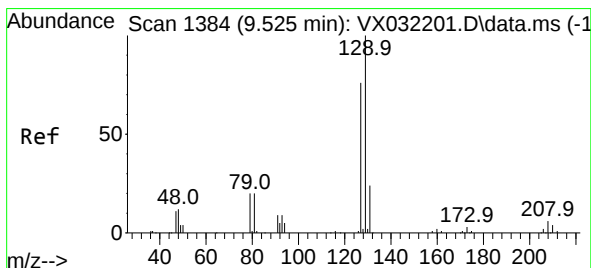
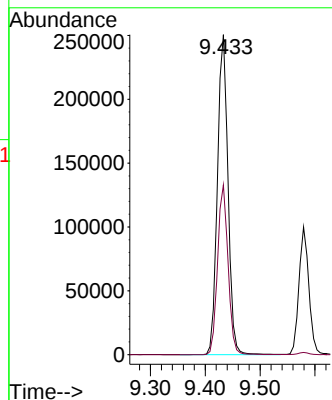
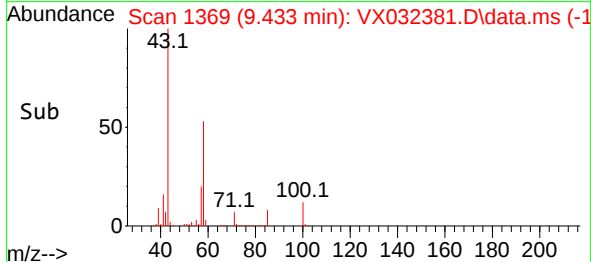
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 334184
Ion Ratio Lower Upper
43 100
58 52.7 26.7 80.1

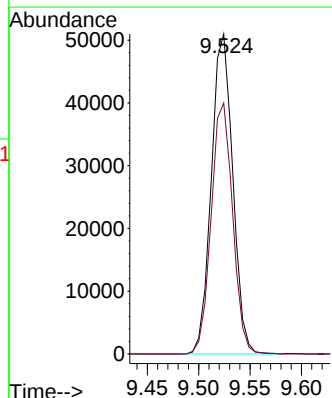
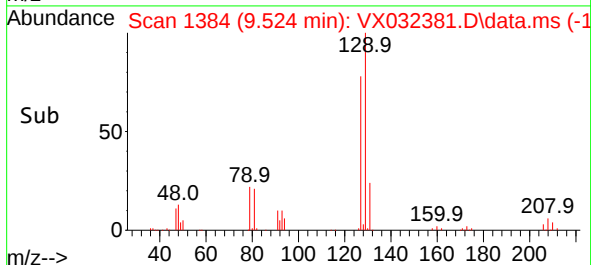
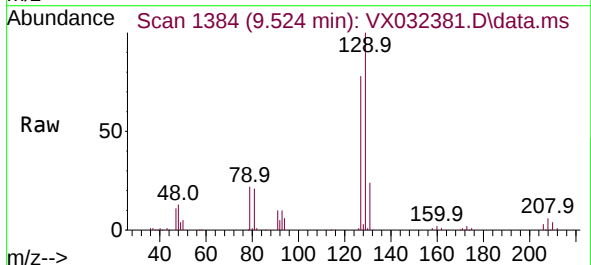
Manual Integrations
APPROVED

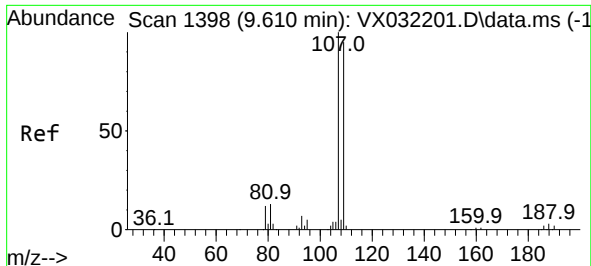
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#60
Dibromochloromethane
Concen: 53.911 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

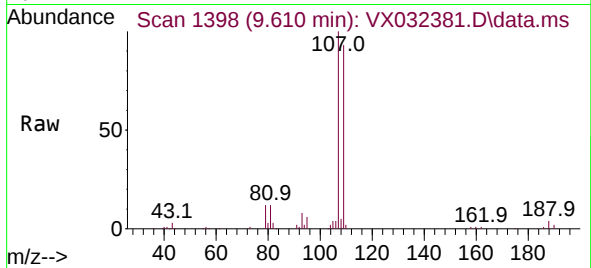
Tgt Ion:129 Resp: 73704
Ion Ratio Lower Upper
129 100
127 78.6 38.4 115.2





#61
1,2-Dibromoethane
Concen: 51.187 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

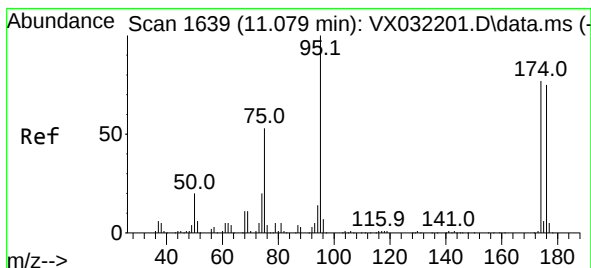
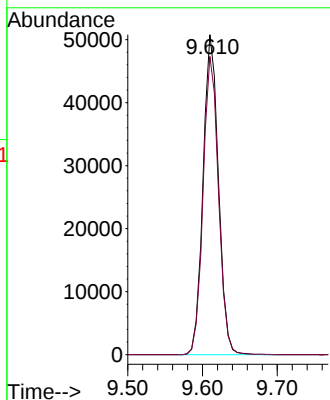
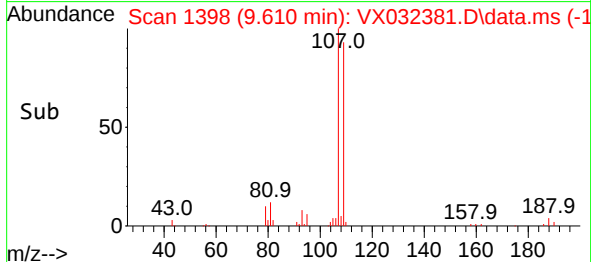
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



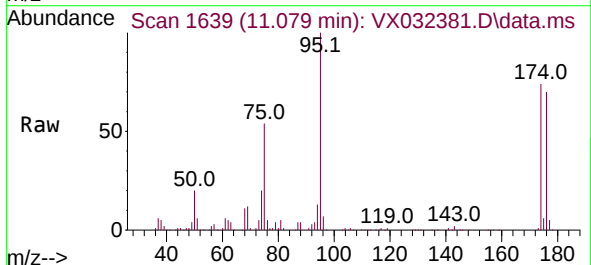
Tgt Ion:107 Resp: 7238
Ion Ratio Lower Upper
107 100
109 93.4 76.5 114.7

Manual Integrations
APPROVED

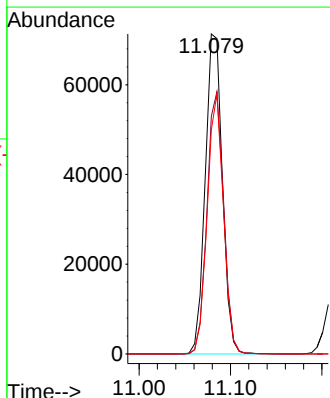
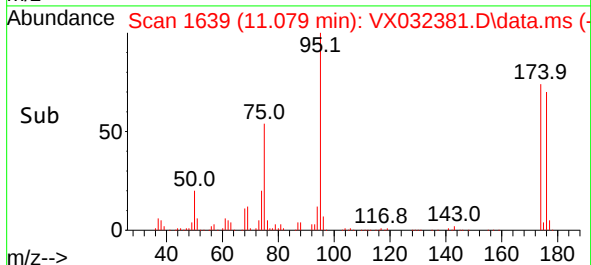
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

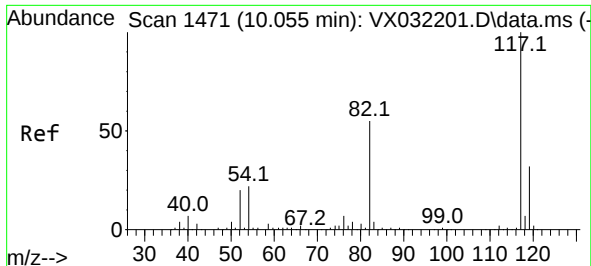


#62
4-Bromofluorobenzene
Concen: 51.647 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13



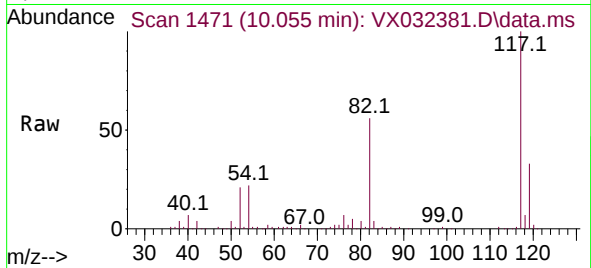
Tgt Ion: 95 Resp: 92562
Ion Ratio Lower Upper
95 100
174 80.0 0.0 166.8
176 77.1 0.0 161.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

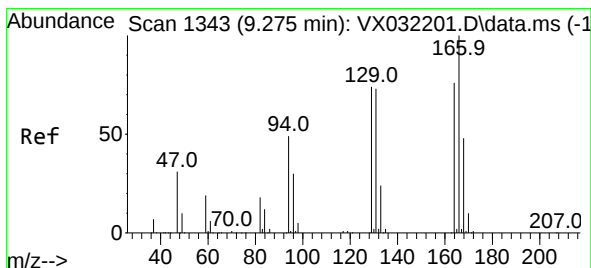
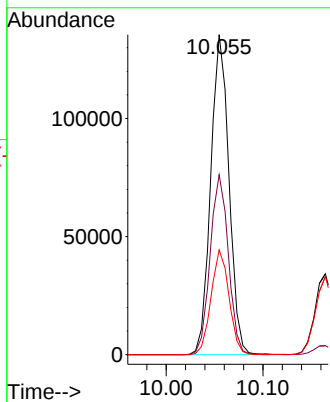
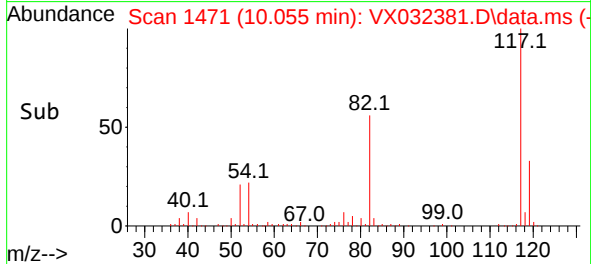
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 177270
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.4
119 32.7 25.8 38.8

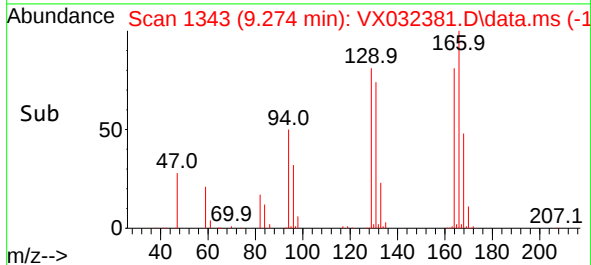
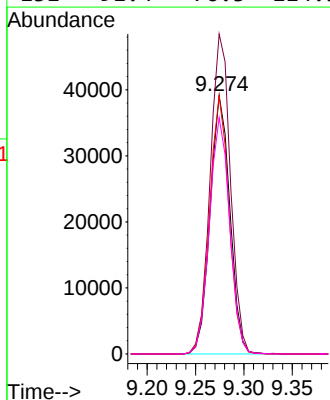
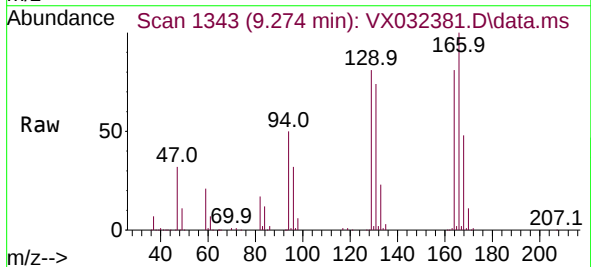
Manual Integrations
APPROVED

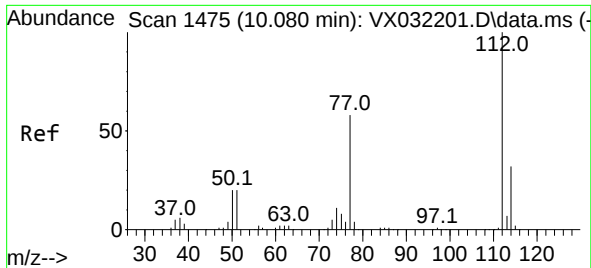
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#64
Tetrachloroethene
Concen: 47.501 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Tgt Ion:164 Resp: 55606
Ion Ratio Lower Upper
164 100
166 123.8 104.9 157.3
129 99.8 77.8 116.6
131 91.4 76.3 114.5





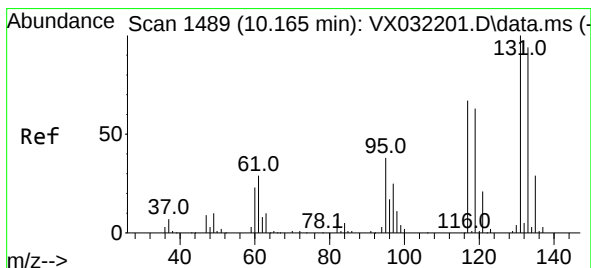
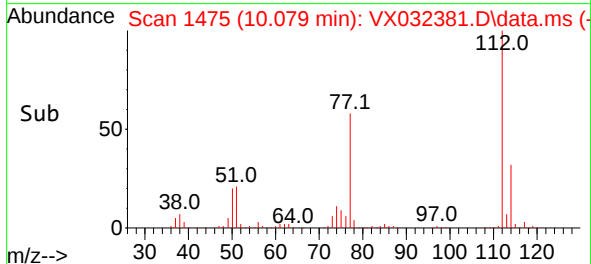
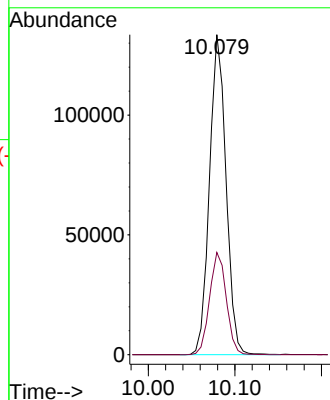
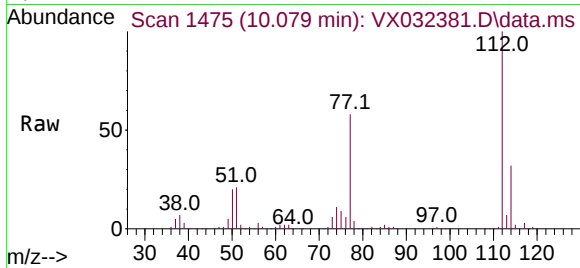
#65
Chlorobenzene
Concen: 48.704 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 177019
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

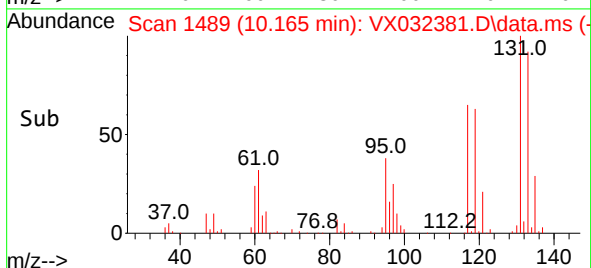
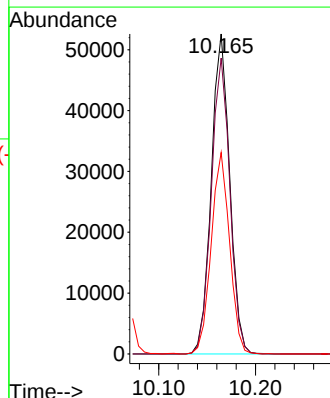
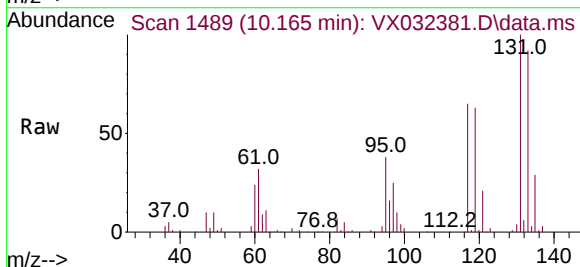
Manual Integrations
APPROVED

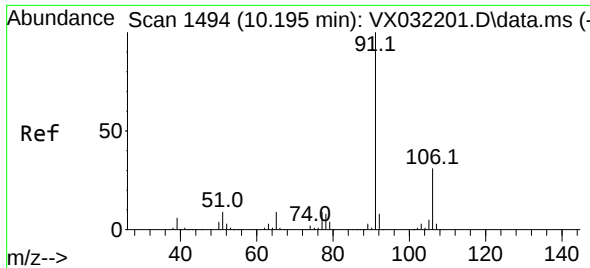
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.608 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

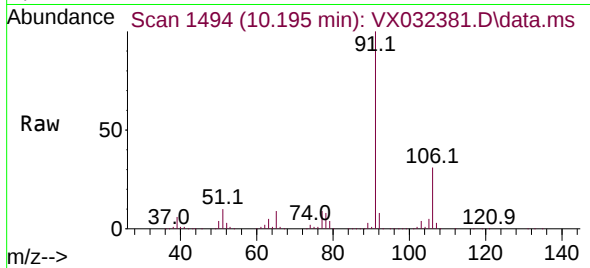
Tgt Ion:131 Resp: 69719
Ion Ratio Lower Upper
131 100
133 93.1 47.6 142.8
119 62.8 31.7 95.1





#67
Ethyl Benzene
Concen: 49.654 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

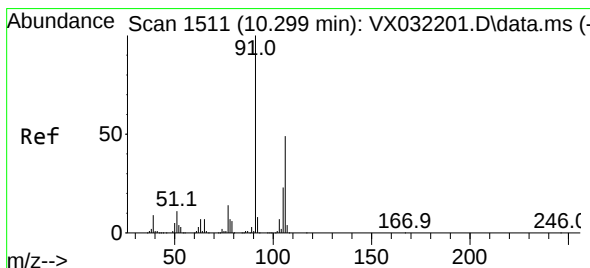
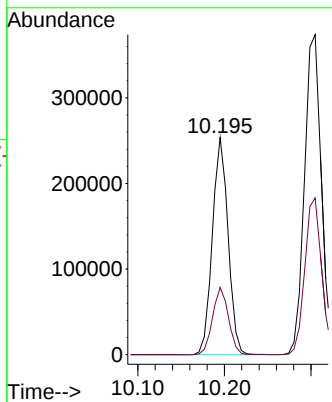
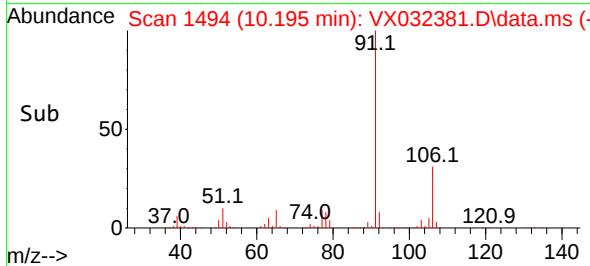
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



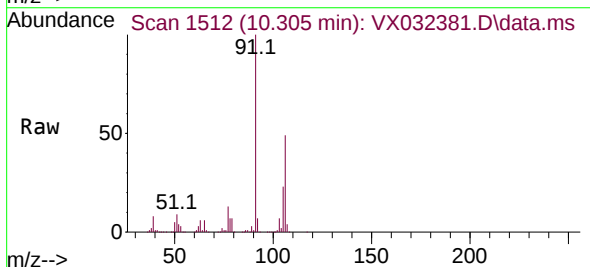
Tgt Ion: 91 Resp: 319520
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.4

Manual Integrations
APPROVED

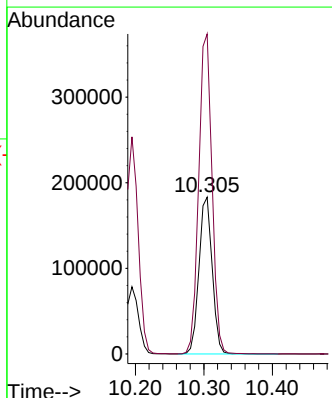
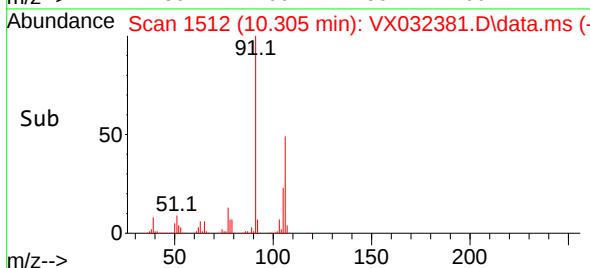
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

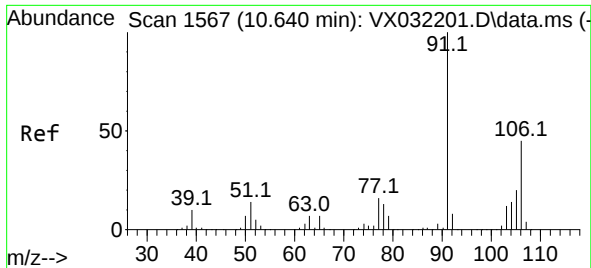


#68
m/p-Xylenes
Concen: 96.949 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13



Tgt Ion:106 Resp: 246374
Ion Ratio Lower Upper
106 100
91 204.8 162.6 244.0





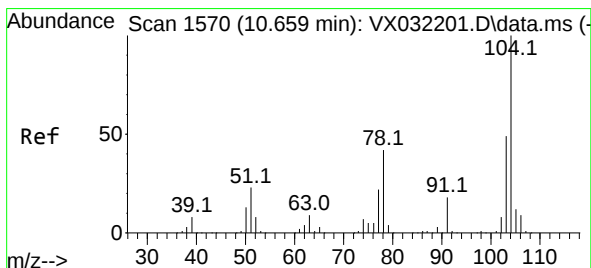
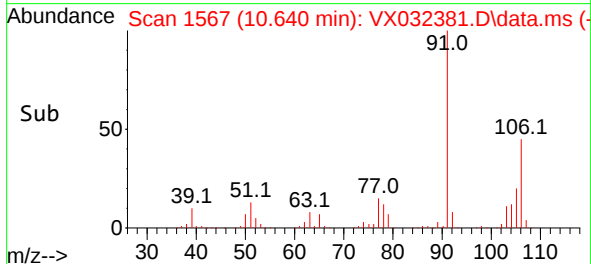
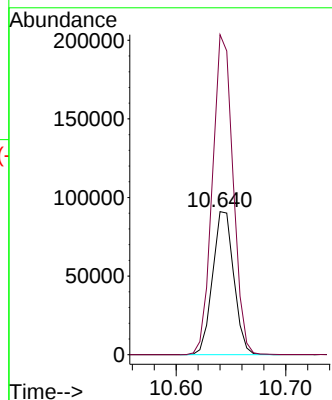
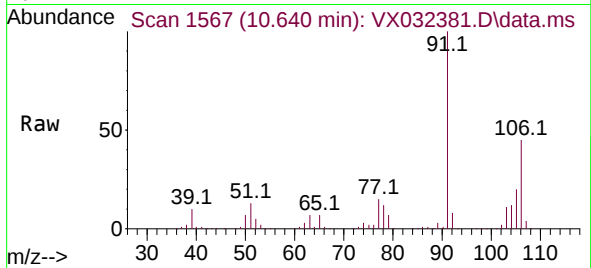
#69
o-Xylene
Concen: 50.247 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 12232
Ion Ratio Lower Upper
106 100
91 218.0 108.3 324.9

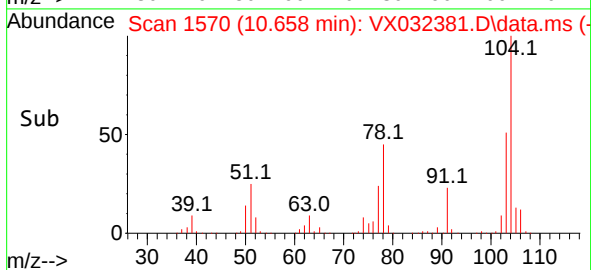
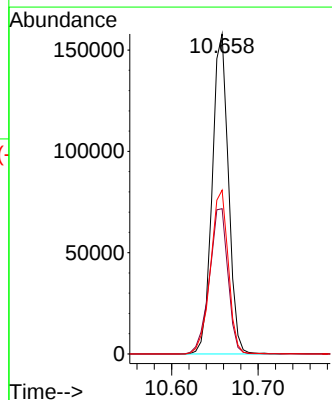
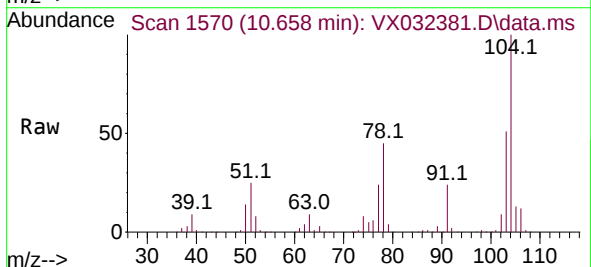
Manual Integrations
APPROVED

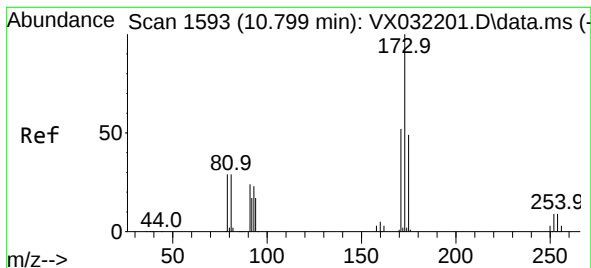
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#70
Styrene
Concen: 50.152 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

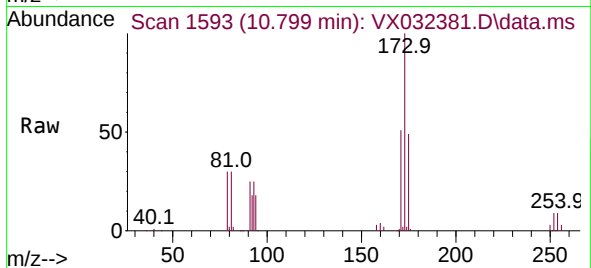
Tgt Ion:104 Resp: 205895
Ion Ratio Lower Upper
104 100
78 51.8 40.8 61.2
103 55.9 44.2 66.2





#71
Bromoform
Concen: 49.253 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

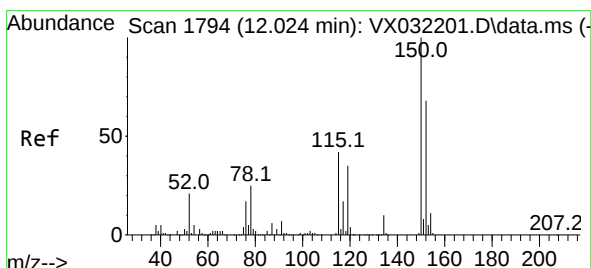
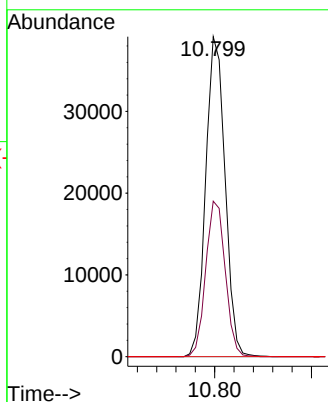
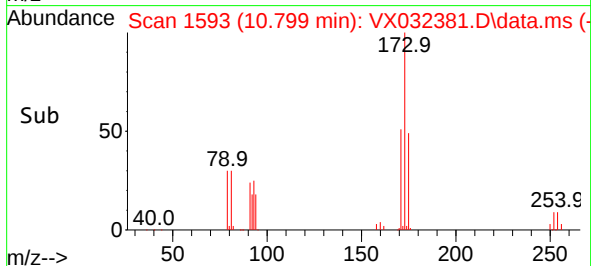
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



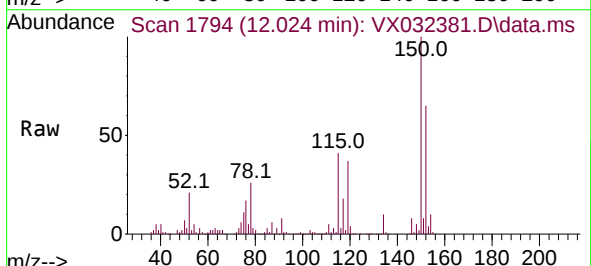
Tgt Ion:173 Resp: 54308
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

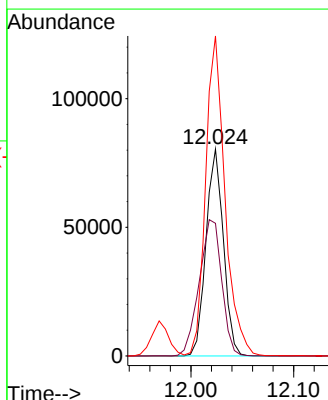
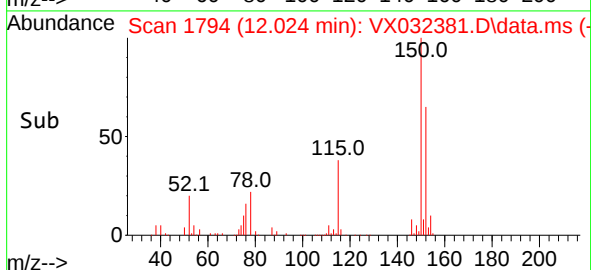
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

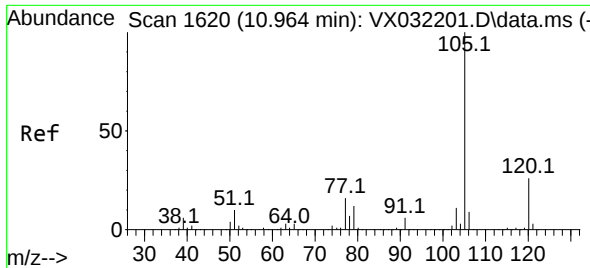


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13



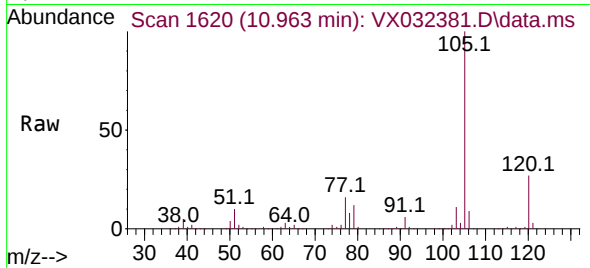
Tgt Ion:152 Resp: 94693
Ion Ratio Lower Upper
152 100
115 85.2 43.1 129.4
150 171.6 0.0 348.6





#73
Isopropylbenzene
Concen: 48.710 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

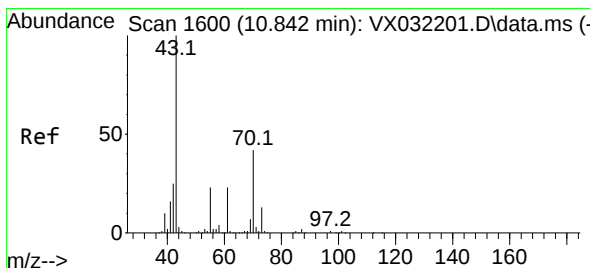
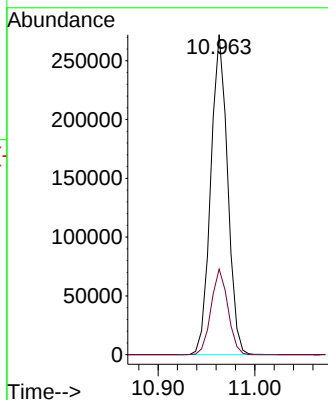
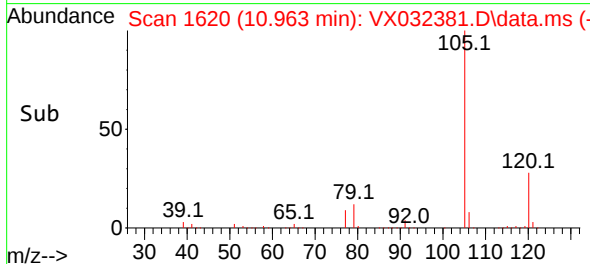
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



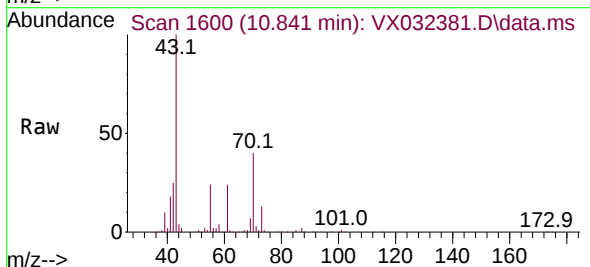
Tgt Ion:105 Resp: 329120
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6

Manual Integrations
APPROVED

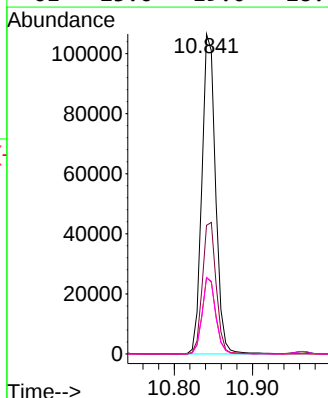
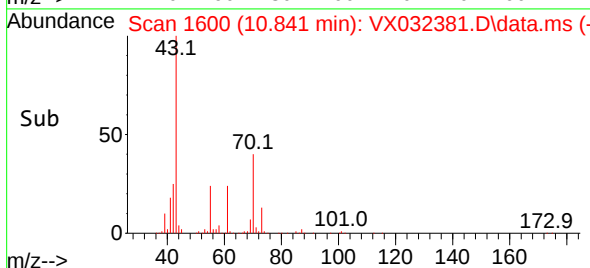
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

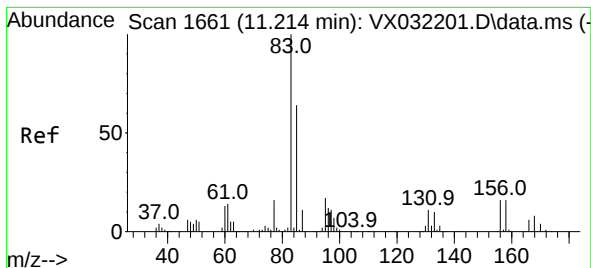


#74
N-ethyl acetate
Concen: 51.646 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13



Tgt Ion: 43 Resp: 128919
Ion Ratio Lower Upper
43 100
70 41.6 33.9 50.9
55 24.1 19.1 28.7
61 23.6 19.0 28.4





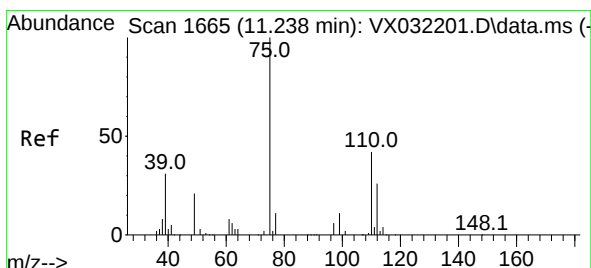
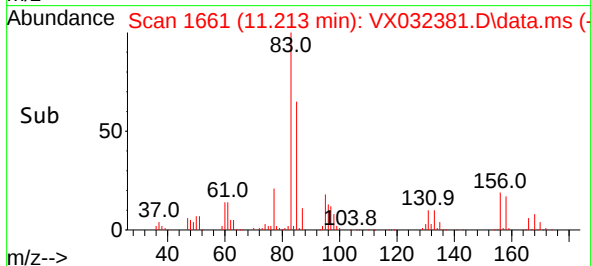
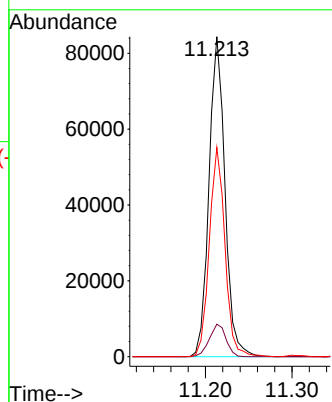
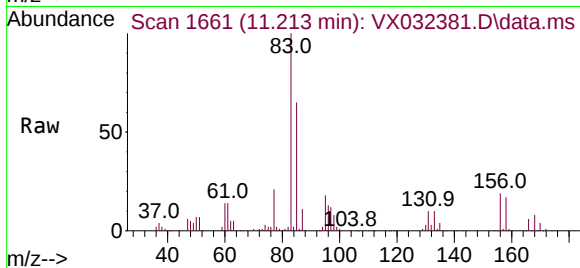
#75
1,1,2,2-Tetrachloroethane
Concen: 49.680 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 10791
Ion Ratio Lower Upper
83 100
131 10.6 5.2 15.6
85 64.1 32.3 96.9

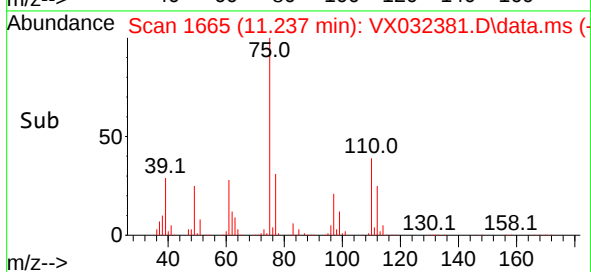
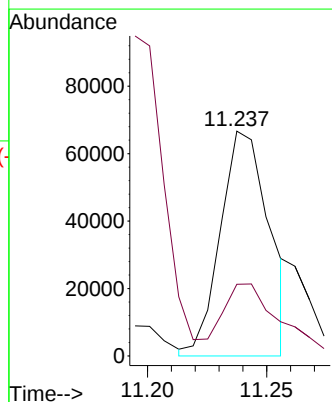
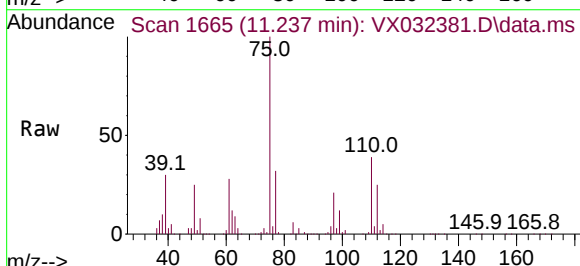
Manual Integrations
APPROVED

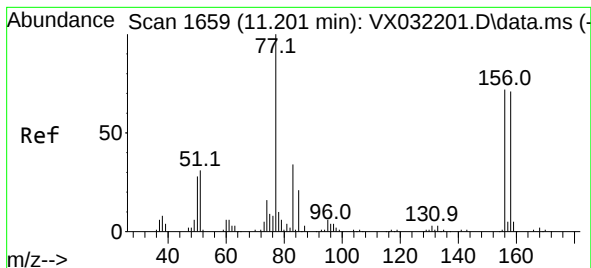
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#76
1,2,3-Trichloropropane
Concen: 50.405 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Tgt Ion: 75 Resp: 94573
Ion Ratio Lower Upper
75 100
77 39.0 16.0 47.9





#77

Bromobenzene

Concen: 48.998 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX032381.D

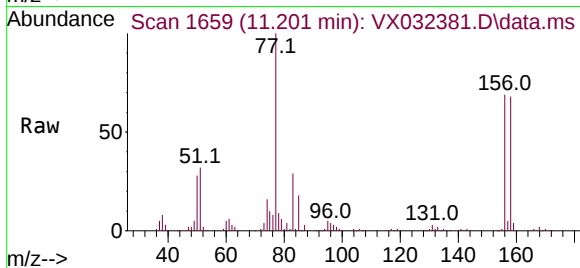
Acq: 25 Oct 2022 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



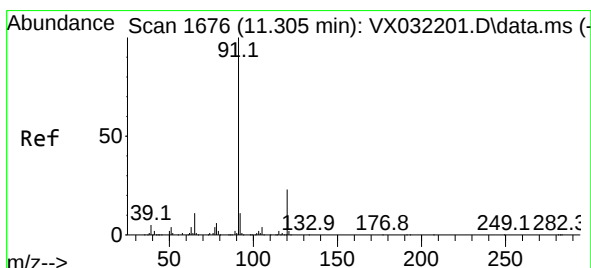
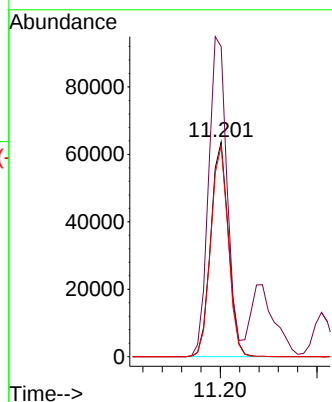
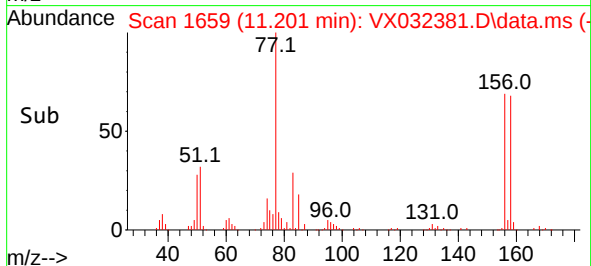
Tgt Ion:	156	Resp:	81149
Ion Ratio	100	Lower	Upper
156	100		
77	154.0	75.5	226.5
158	96.8	49.0	147.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#78

n-propylbenzene

Concen: 49.704 ug/l

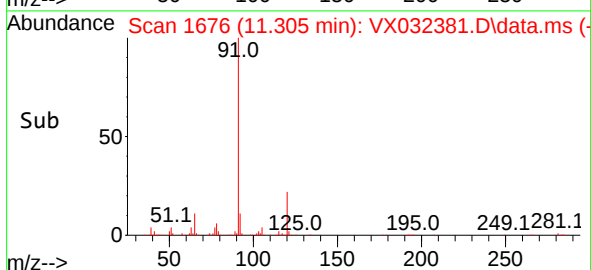
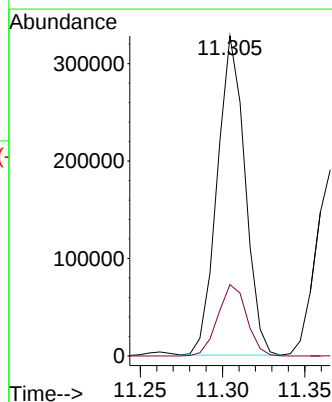
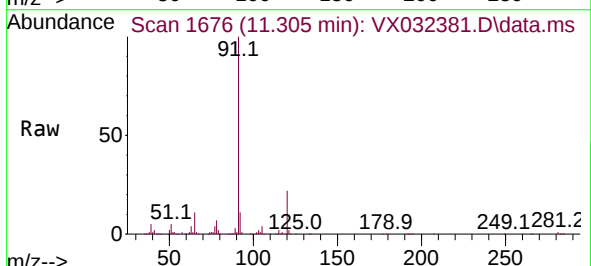
RT: 11.305 min Scan# 1676

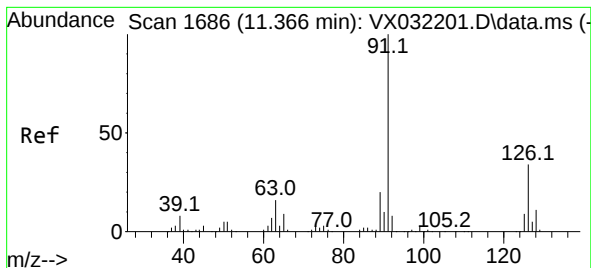
Delta R.T. -0.000 min

Lab File: VX032381.D

Acq: 25 Oct 2022 22:13

Tgt Ion:	91	Resp:	384548
Ion Ratio	100	Lower	Upper
91	100		
120	23.2	11.6	34.8





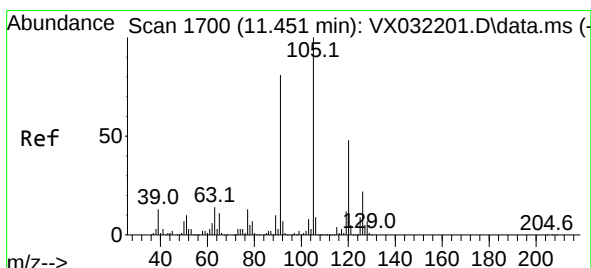
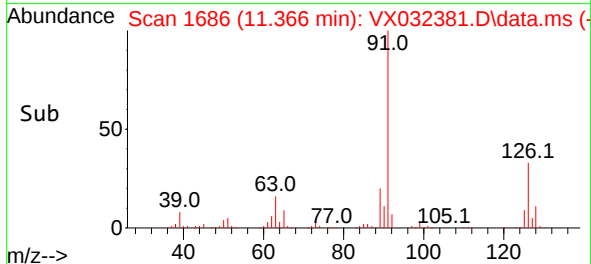
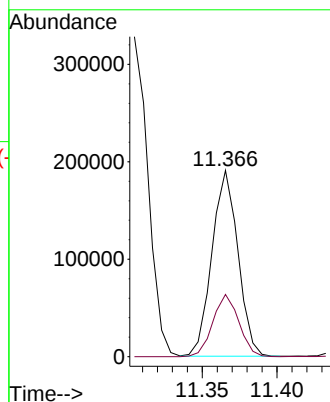
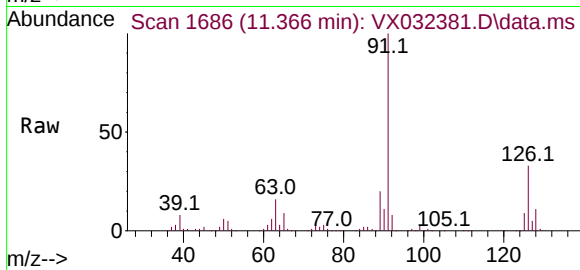
#79
2-Chlorotoluene
Concen: 49.434 ug/l
RT: 11.366 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 230502
Ion Ratio Lower Upper
91 100
126 33.5 17.3 51.9

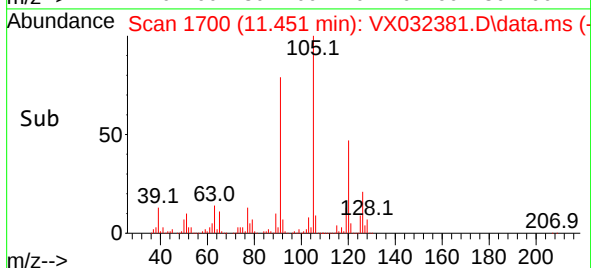
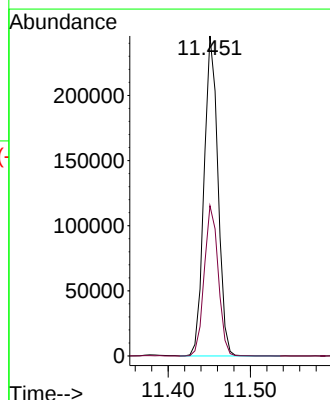
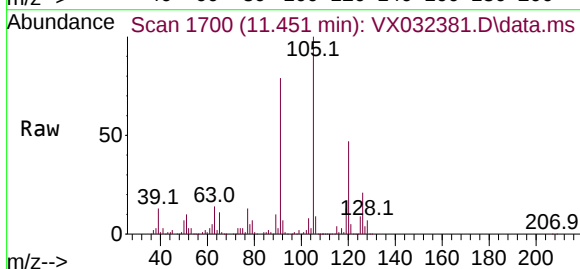
Manual Integrations
APPROVED

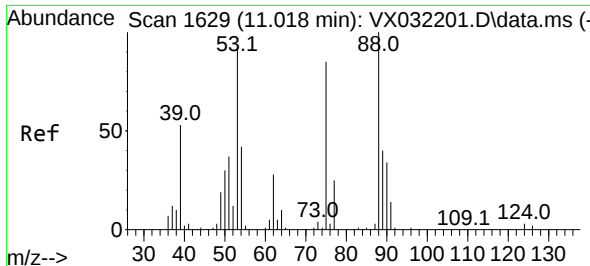
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.322 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

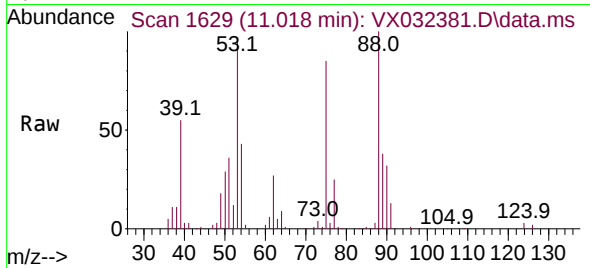
Tgt Ion:105 Resp: 287854
Ion Ratio Lower Upper
105 100
120 47.3 23.5 70.6





#81
trans-1,4-Dichloro-2-butene
Concen: 46.434 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

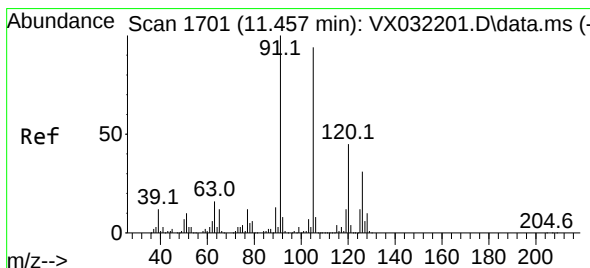
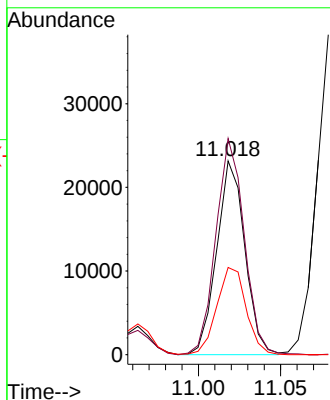
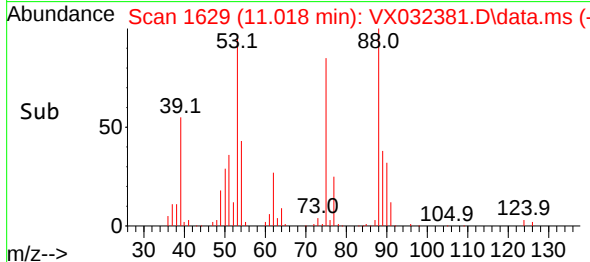
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 27602
Ion Ratio Lower Upper
75 100
53 112.5 87.8 131.8
89 47.0 37.8 56.8

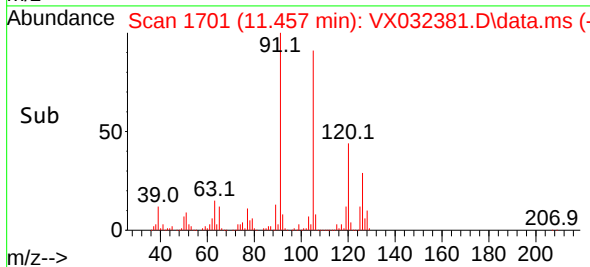
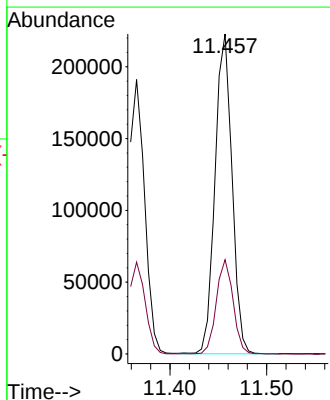
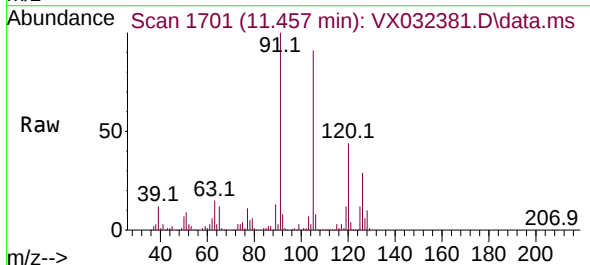
Manual Integrations
APPROVED

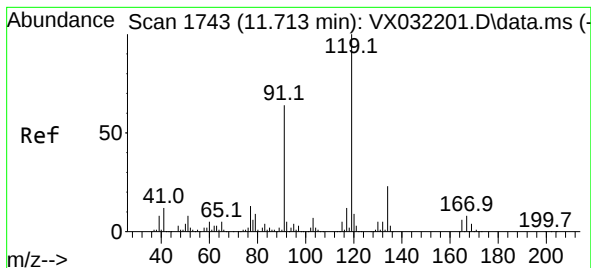
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#82
4-Chlorotoluene
Concen: 50.003 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

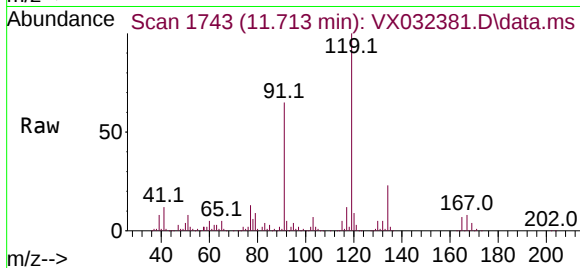
Tgt Ion: 91 Resp: 271452
Ion Ratio Lower Upper
91 100
126 29.1 14.9 44.5





#83
tert-Butylbenzene
Concen: 49.609 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

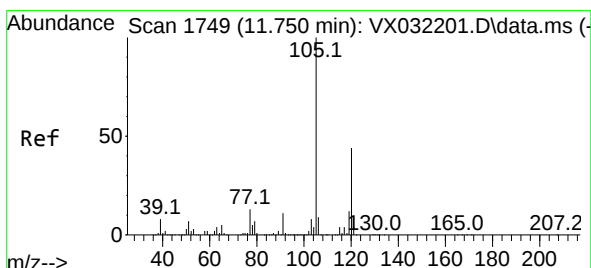
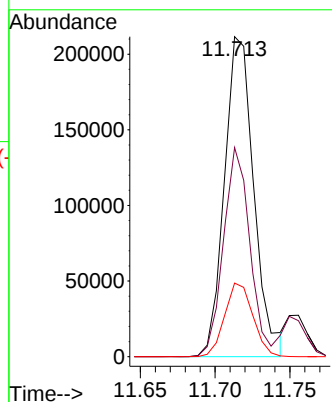
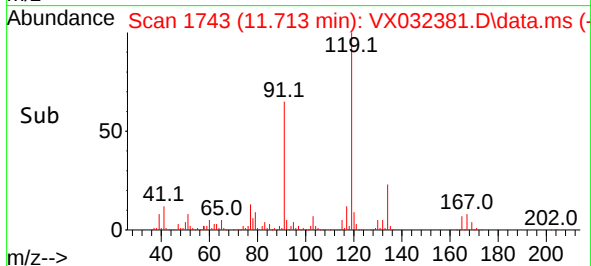
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



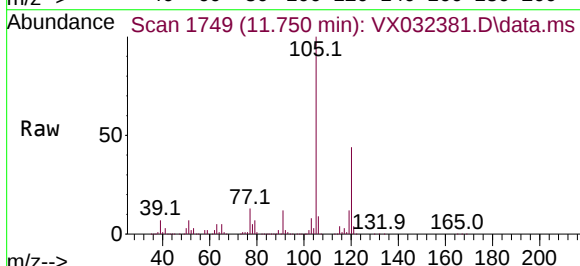
Tgt Ion:119 Resp: 289683
Ion Ratio Lower Upper
119 100
91 58.5 29.1 87.3
134 22.1 11.3 33.8

Manual Integrations
APPROVED

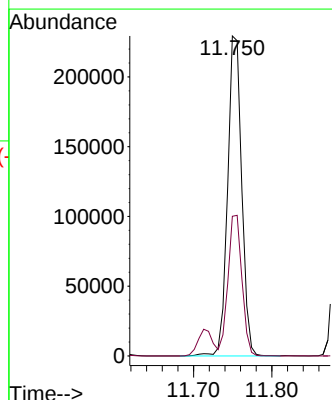
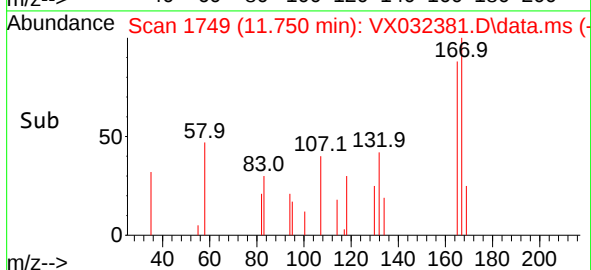
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

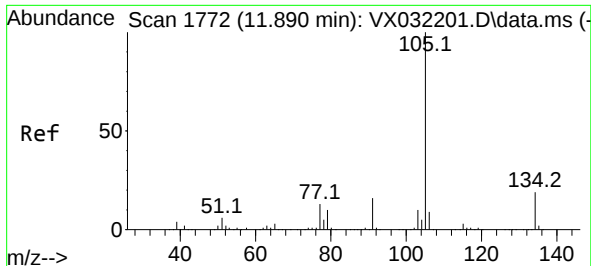


#84
1,2,4-Trimethylbenzene
Concen: 50.643 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13



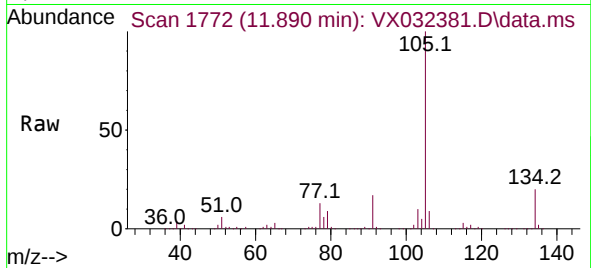
Tgt Ion:105 Resp: 287359
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 49.398 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX032381.D
 Acq: 25 Oct 2022 22:13

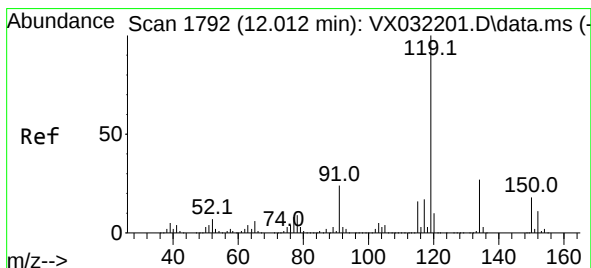
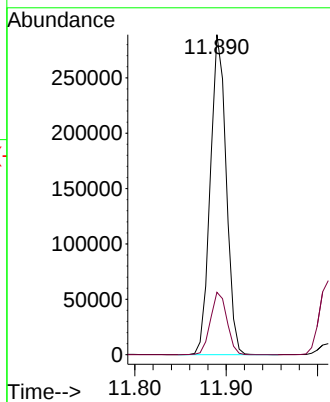
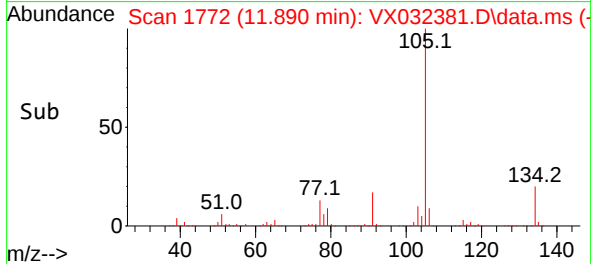
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



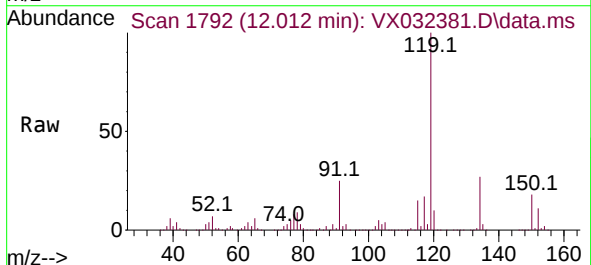
Tgt Ion:105 Resp: 348599
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.3

Manual Integrations
 APPROVED

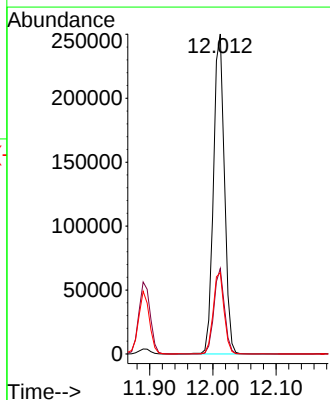
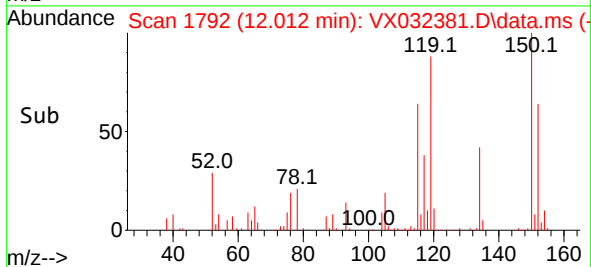
Reviewed By :John Carlone 10/27/2022
 Supervised By :Mahesh Dadoda 10/31/2022

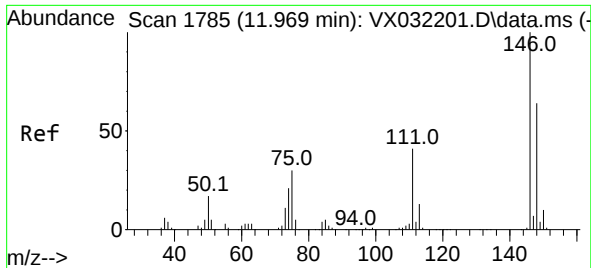


#86
 p-Isopropyltoluene
 Concen: 50.222 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX032381.D
 Acq: 25 Oct 2022 22:13



Tgt Ion:119 Resp: 301565
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.5
 91 25.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.748 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX032381.D

Acq: 25 Oct 2022 22:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 15539

Ion Ratio Lower Upper

146 100

111 41.0 20.3 61.0

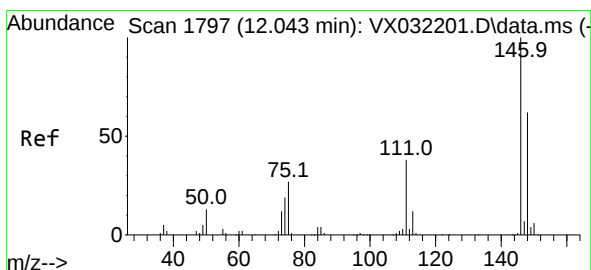
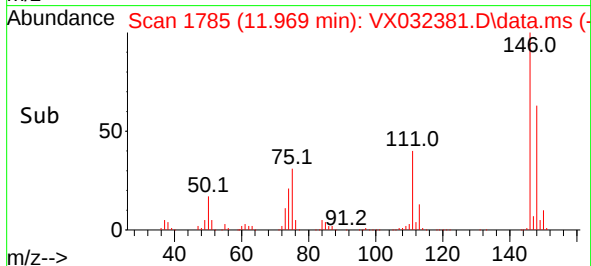
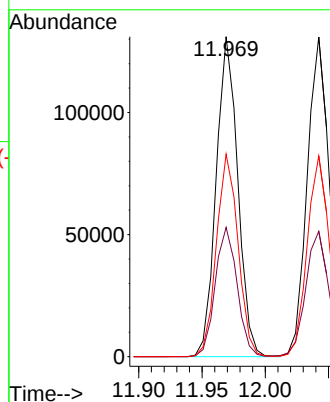
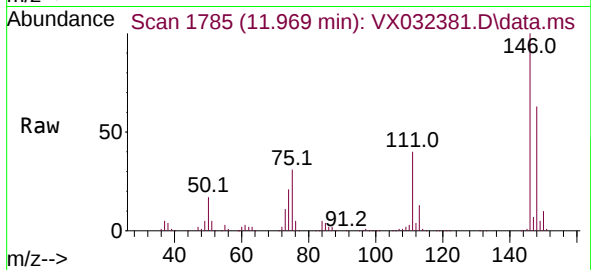
148 63.3 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2022

Supervised By :Mahesh Dadoda 10/31/2022



#88

1,4-Dichlorobenzene

Concen: 48.168 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.001 min

Lab File: VX032381.D

Acq: 25 Oct 2022 22:13

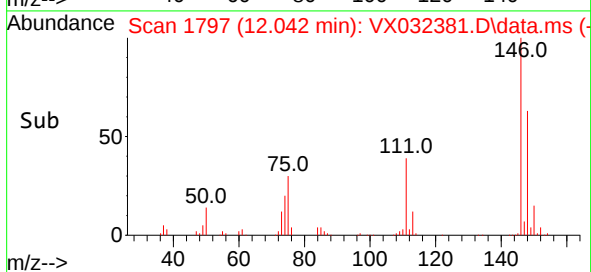
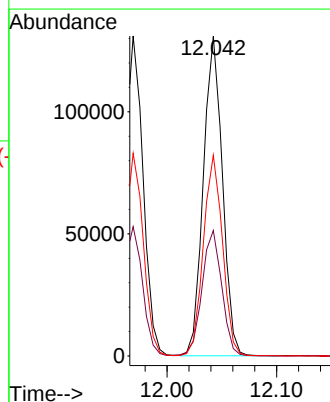
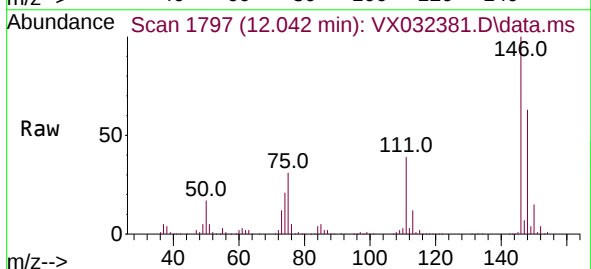
Tgt Ion:146 Resp: 157727

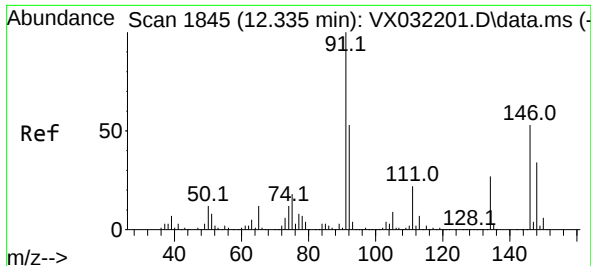
Ion Ratio Lower Upper

146 100

111 40.8 19.8 59.4

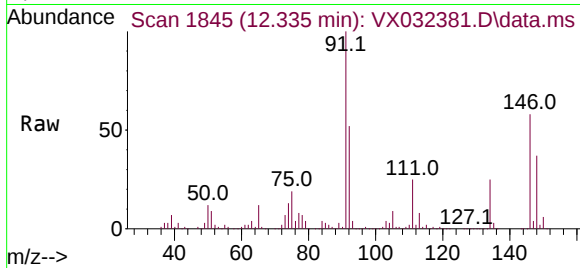
148 63.3 31.9 95.9





#89
n-Butylbenzene
Concen: 48.874 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

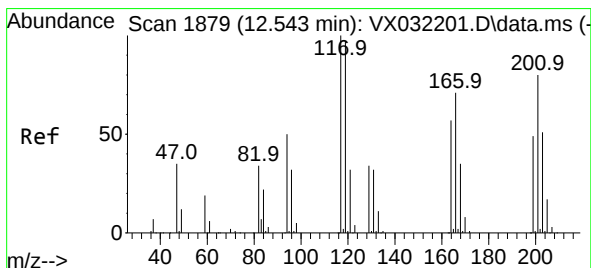
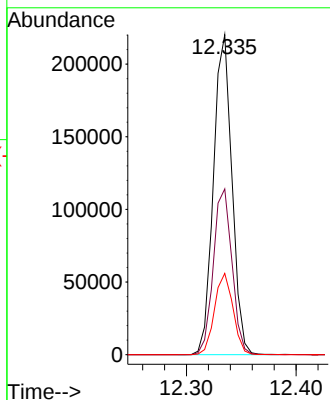
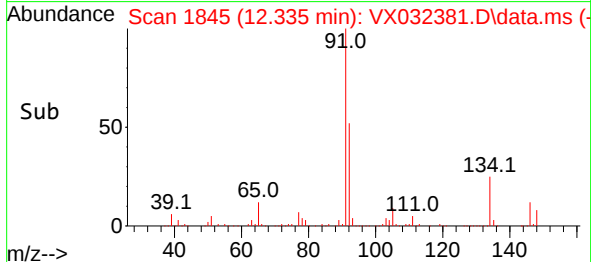
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 258484
Ion Ratio Lower Upper
91 100
92 52.4 26.3 78.9
134 25.4 13.0 39.0

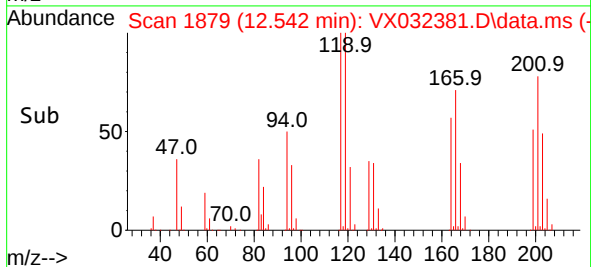
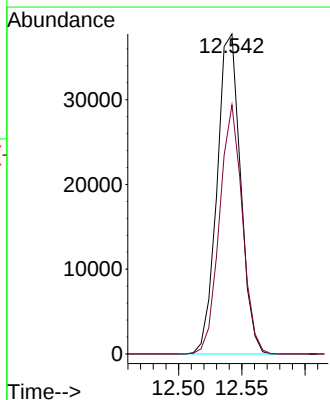
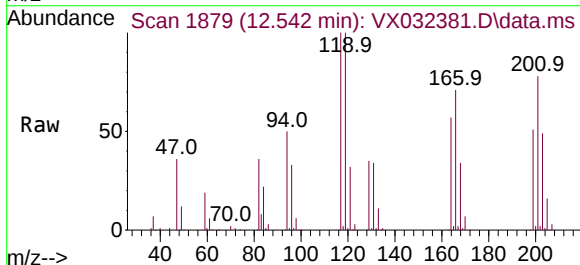
Manual Integrations
APPROVED

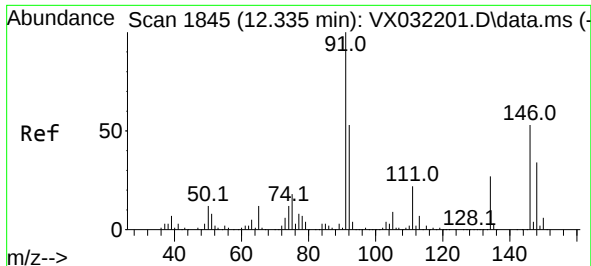
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#90
Hexachloroethane
Concen: 52.261 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

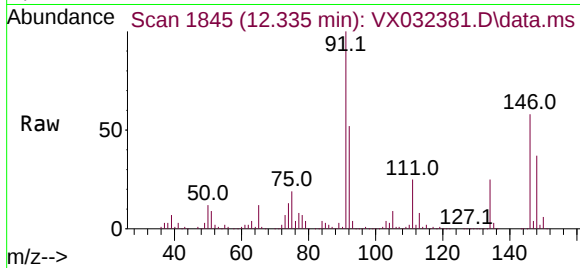
Tgt Ion:117 Resp: 48694
Ion Ratio Lower Upper
117 100
201 75.4 38.5 115.3





#91
1,2-Dichlorobenzene
Concen: 49.613 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

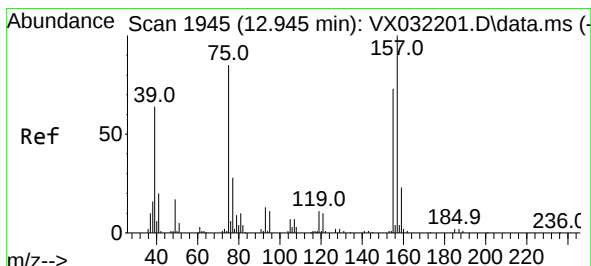
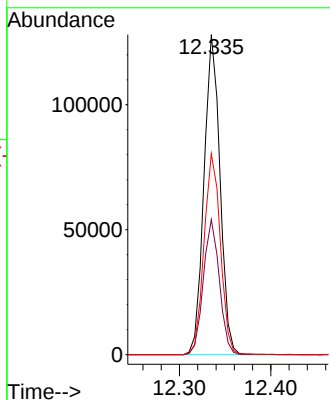
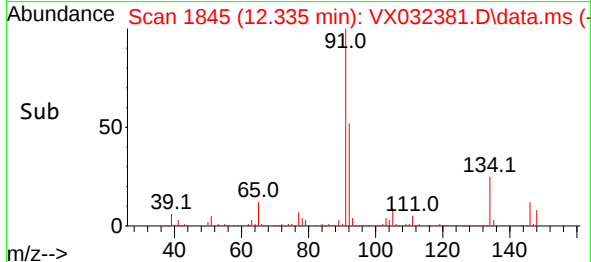
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



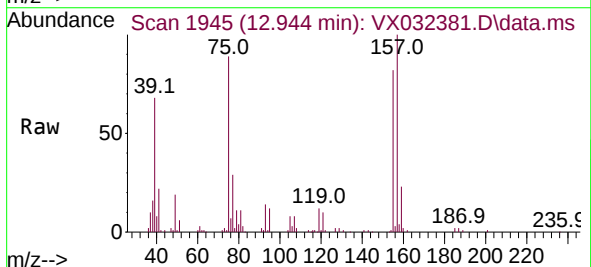
Tgt Ion:146 Resp: 155258
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.1
148 64.0 32.3 96.8

Manual Integrations
APPROVED

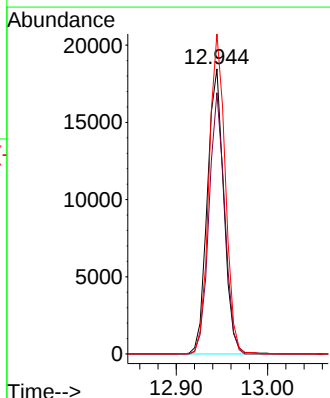
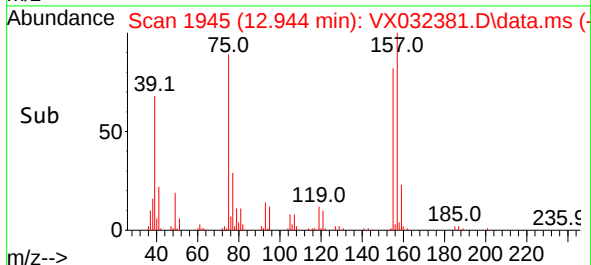
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022

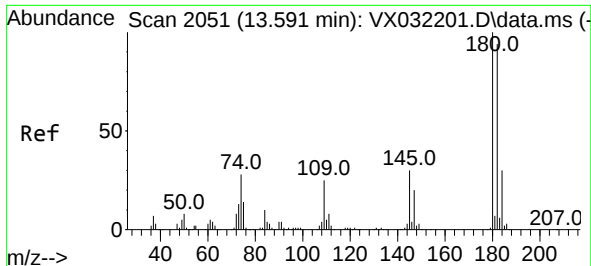


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.559 ug/l
RT: 12.944 min Scan# 1945
Delta R.T. -0.001 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13



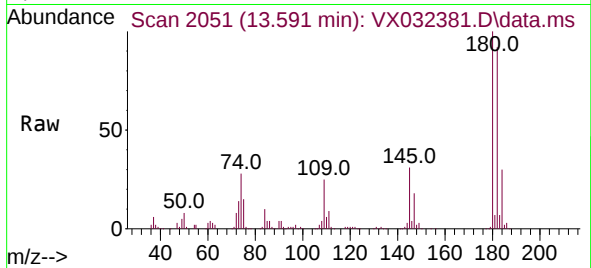
Tgt Ion: 75 Resp: 23058
Ion Ratio Lower Upper
75 100
155 86.9 43.1 129.3
157 110.8 57.1 171.5





#93
1,2,4-Trichlorobenzene
Concen: 48.681 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

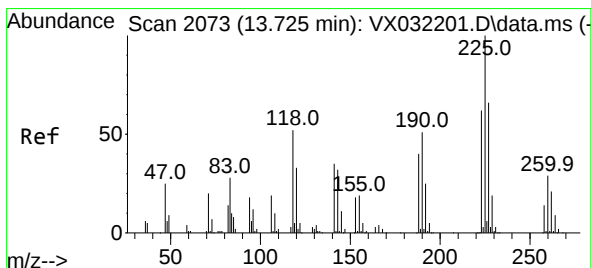
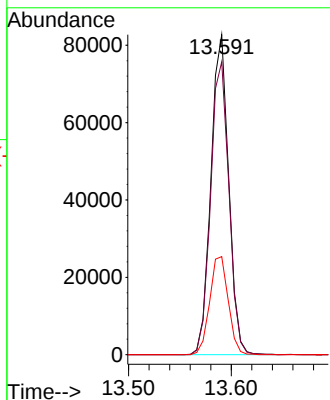
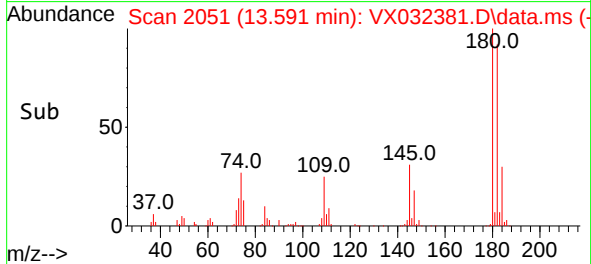
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 9917
Ion Ratio Lower Upper
180 100
182 94.0 46.8 140.3
145 32.0 15.6 46.7

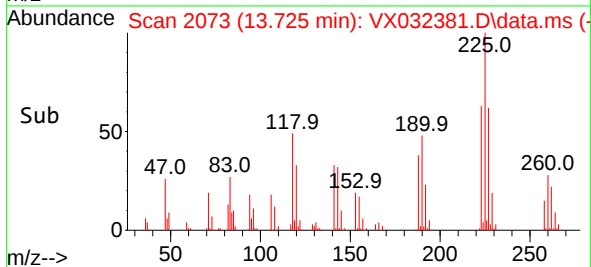
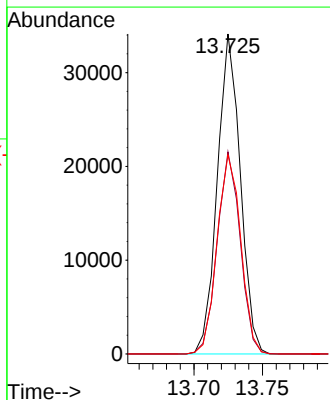
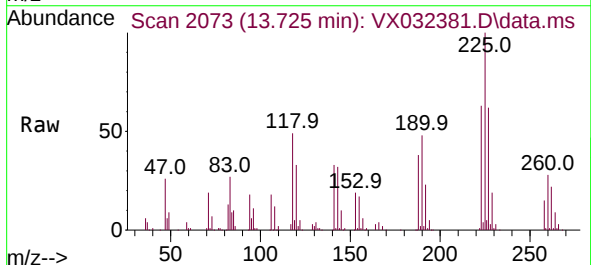
Manual Integrations
APPROVED

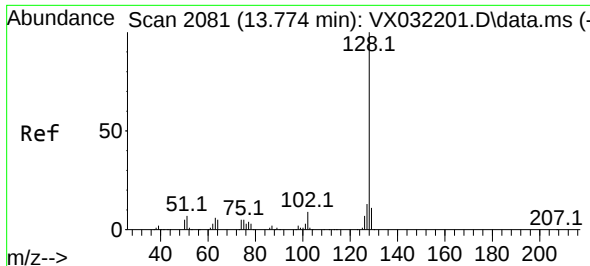
Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#94
Hexachlorobutadiene
Concen: 44.928 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

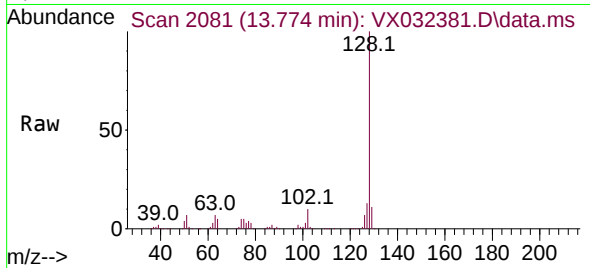
Tgt Ion:225 Resp: 39725
Ion Ratio Lower Upper
225 100
223 63.2 31.4 94.3
227 64.3 32.0 96.0





#95
Naphthalene
Concen: 51.308 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

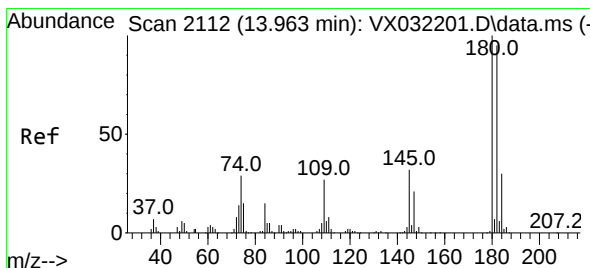
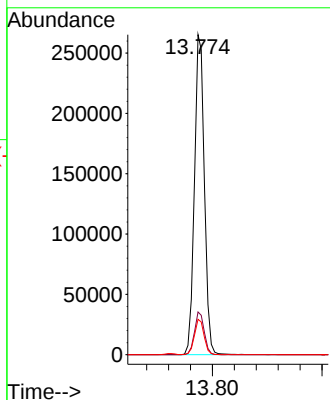
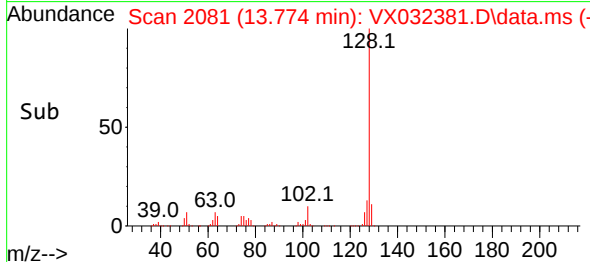
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 33477
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2022
Supervised By :Mahesh Dadoda 10/31/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.323 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032381.D
Acq: 25 Oct 2022 22:13

Tgt Ion:180 Resp: 99016
Ion Ratio Lower Upper
180 100
182 96.7 47.4 142.2
145 33.2 16.5 49.5

