

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032615.D
 Acq On : 07 Nov 2022 10:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2022
 Supervised By : Mahesh Dadoda 11/08/2022

Quant Time: Nov 08 02:59:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	104530	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	161595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76702	52.810	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.620%			
35) Dibromofluoromethane	5.385	113	60501	52.488	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.980%			
50) Toluene-d8	8.647	98	206877	51.615	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.220%			
62) 4-Bromofluorobenzene	11.079	95	86374	55.168	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.340%			
Target Compounds					Qvalue	

2) Dichlorodifluoromethane	1.167	85	59731	49.545	ug/l	95
3) Chloromethane	1.295	50	47568	46.655	ug/l	98
4) Vinyl Chloride	1.374	62	52667	46.936	ug/l	100
5) Bromomethane	1.612	94	48223	53.777	ug/l	99
6) Chloroethane	1.685	64	39140	51.995	ug/l	99
7) Trichlorofluoromethane	1.886	101	109248	51.383	ug/l	100
8) Diethyl Ether	2.130	74	35989	52.234	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	58206	51.869	ug/l	99
10) Methyl Iodide	2.453	142	56993	45.828	ug/l	99
11) Tert butyl alcohol	2.971	59	53717	254.104	ug/l	100
12) 1,1-Dichloroethene	2.319	96	50675	48.340	ug/l	93
13) Acrolein	2.233	56	70260	332.923	ug/l	99
14) Allyl chloride	2.660	41	87876	52.587	ug/l	99
15) Acrylonitrile	3.063	53	146980	256.188	ug/l	99
16) Acetone	2.380	43	147010	278.488	ug/l	97
17) Carbon Disulfide	2.508	76	114867	46.004	ug/l	99
18) Methyl Acetate	2.703	43	97354	56.712	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	203871	55.333	ug/l	100
20) Methylene Chloride	2.788	84	59521	49.177	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	56576	49.582	ug/l	96
22) Diisopropyl ether	3.757	45	195201	54.005	ug/l	93
23) Vinyl Acetate	3.721	43	792044	271.227	ug/l	99
24) 1,1-Dichloroethane	3.605	63	108827	52.345	ug/l	99
25) 2-Butanone	4.556	43	211308	258.372	ug/l	98
26) 2,2-Dichloropropane	4.471	77	96461	58.366	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	69866	52.971	ug/l	98
28) Bromochloromethane	4.898	49	36138	48.799	ug/l	100
29) Tetrahydrofuran	5.001	42	132161	253.420	ug/l	100
30) Chloroform	5.093	83	122458	53.678	ug/l	98
31) Cyclohexane	5.471	56	88540	50.277	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	110930	54.187	ug/l	99
36) 1,1-Dichloropropene	5.690	75	83816	52.217	ug/l	98
37) Ethyl Acetate	4.709	43	84833	50.774	ug/l	99
38) Carbon Tetrachloride	5.678	117	98872	55.536	ug/l	98
39) Methylcyclohexane	7.379	83	96864	51.004	ug/l	96
40) Benzene	6.038	78	236909	52.156	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	47963	56.351	ug/l	97
42) 1,2-Dichloroethane	6.086	62	103824	55.916	ug/l	100
43) Isopropyl Acetate	6.336	43	144931	56.495	ug/l	99
44) Trichloroethene	7.123	130	66443	51.962	ug/l	97
45) 1,2-Dichloropropane	7.428	63	62997	54.028	ug/l	96
46) Dibromomethane	7.580	93	47959	53.632	ug/l	98
47) Bromodichloromethane	7.824	83	95630	56.425	ug/l	98
48) Methyl methacrylate	7.690	41	73103	55.175	ug/l	99
49) 1,4-Dioxane	7.684	88	25107	994.348	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	440136	272.383	ug/l	100
52) Toluene	8.720	92	157636	53.192	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	104144	60.226	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	107267	57.997	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	68127	54.586	ug/l	99
56) Ethyl methacrylate	9.116	69	103417	57.580	ug/l	100
57) 1,3-Dichloropropane	9.305	76	109684	54.420	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	246775	285.348	ug/l	100
59) 2-Hexanone	9.427	43	325778	271.709	ug/l	100
60) Dibromochloromethane	9.519	129	79407	58.250	ug/l	100
61) 1,2-Dibromoethane	9.610	107	73432	55.528	ug/l	100
64) Tetrachloroethene	9.275	164	57349	53.198	ug/l	97
65) Chlorobenzene	10.080	112	177010	53.651	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	69165	55.701	ug/l	100
67) Ethyl Benzene	10.195	91	318835	54.041	ug/l	100
68) m/p-Xylenes	10.299	106	249799	109.036	ug/l	99
69) o-Xylene	10.640	106	121618	54.600	ug/l	100
70) Styrene	10.659	104	205128	55.412	ug/l	100
71) Bromoform	10.799	173	58708	59.799	ug/l #	99
73) Isopropylbenzene	10.964	105	331521	50.897	ug/l	100
74) N-amyl acetate	10.842	43	132623	53.888	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	105667	50.540	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	98845m	54.051	ug/l	
77) Bromobenzene	11.195	156	81524	51.052	ug/l	99
78) n-propylbenzene	11.305	91	381018	50.772	ug/l	100
79) 2-Chlorotoluene	11.366	91	230347	51.253	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	289432	51.991	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	32995	57.412	ug/l	97
82) 4-Chlorotoluene	11.451	91	272727	51.860	ug/l	100
83) tert-Butylbenzene	11.713	119	285364	51.344	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	285229	51.515	ug/l	100
85) sec-Butylbenzene	11.890	105	342225	51.173	ug/l	99
86) p-Isopropyltoluene	12.012	119	293543	51.729	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	155765	51.710	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	157456	50.386	ug/l	99
89) n-Butylbenzene	12.335	91	254442	51.540	ug/l	100
90) Hexachloroethane	12.536	117	50704	54.703	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	155596	52.386	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23304	50.836	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	97395	50.291	ug/l	99
94) Hexachlorobutadiene	13.725	225	40573	50.163	ug/l	99
95) Naphthalene	13.774	128	325273	50.406	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	100233	50.915	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

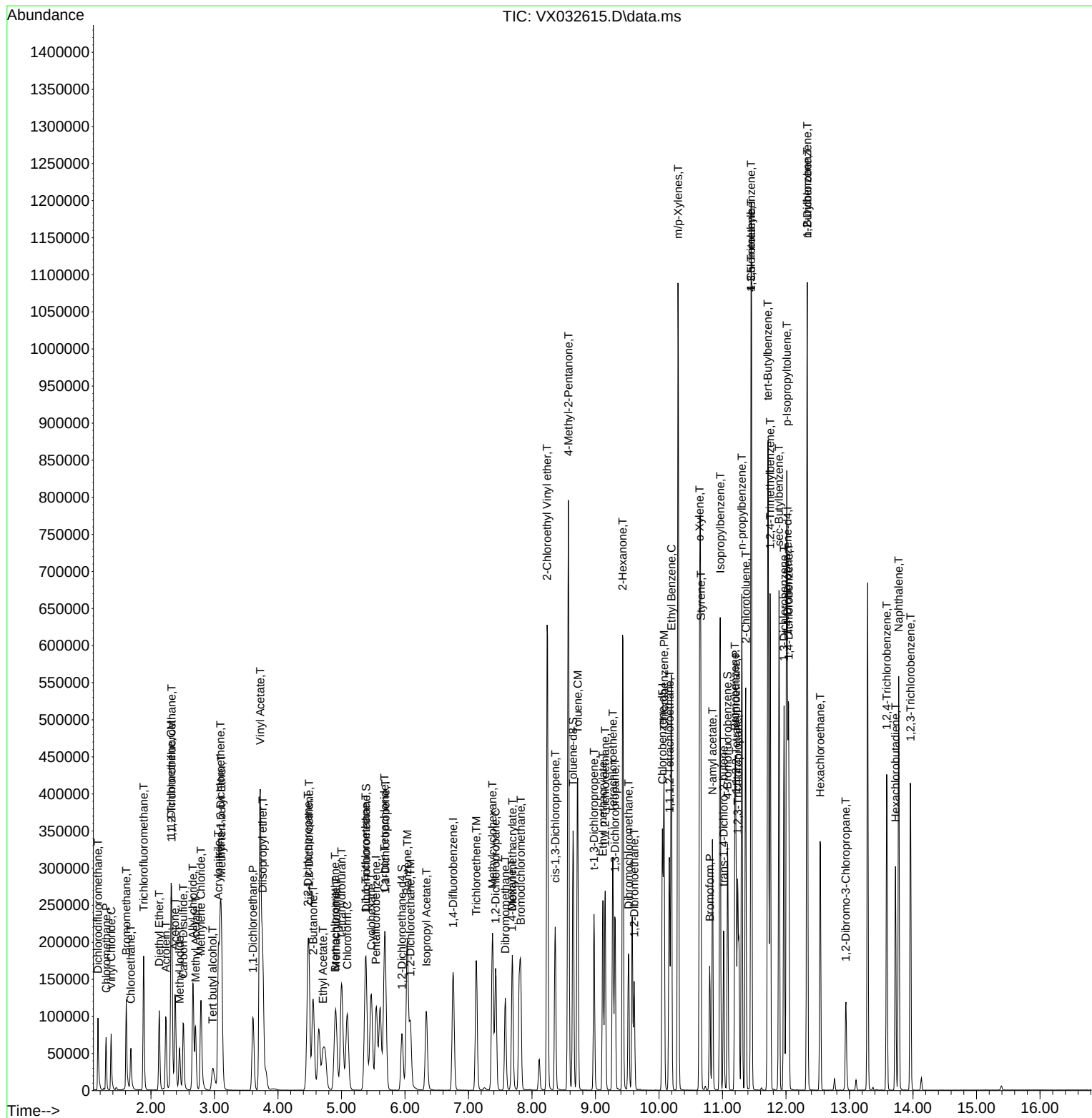
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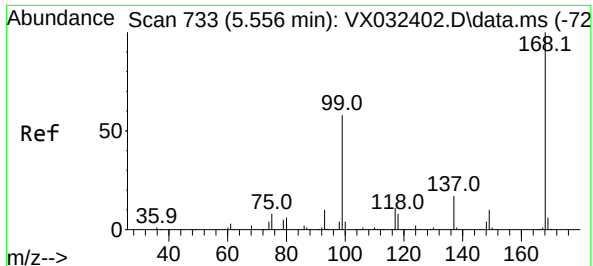
Instrument :
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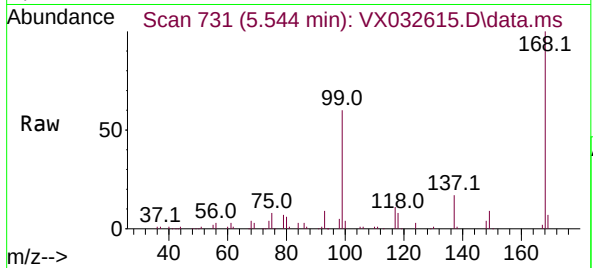
Reviewed By : John Carlone 11/08/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.012 min
Lab File: VX032615.D
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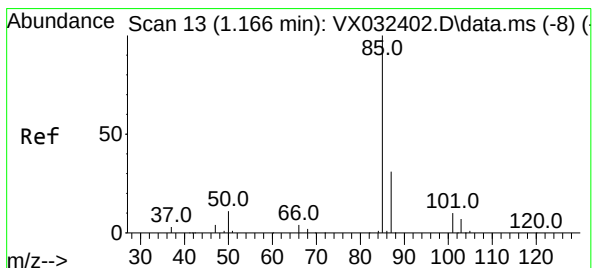
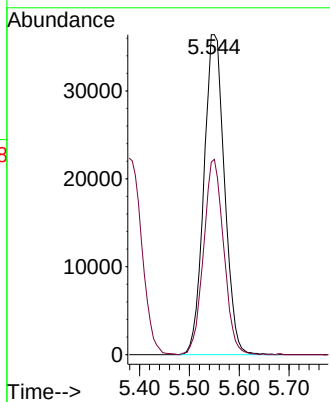
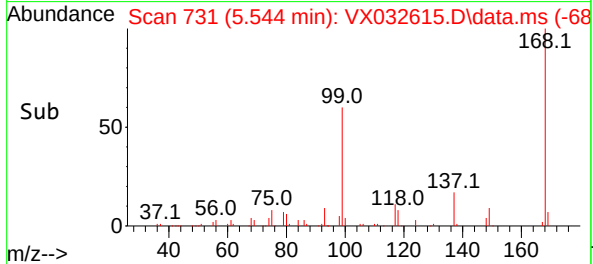
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion:168 Resp: 104530
Ion Ratio Lower Upper
168 100
99 60.2 46.1 69.1

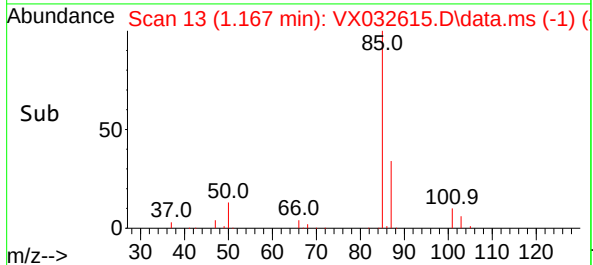
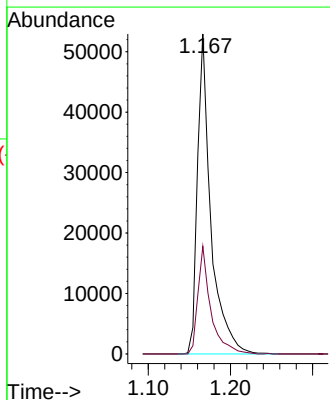
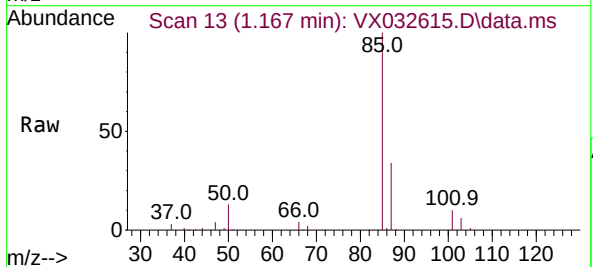
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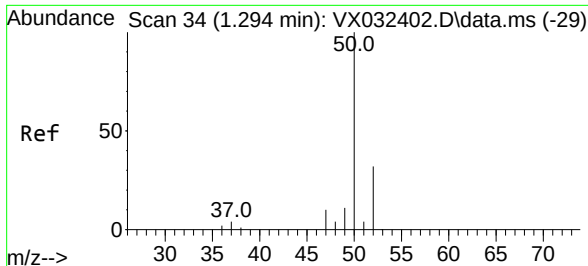
Reviewed By :John Carlone 11/08/2022
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#2
Dichlorodifluoromethane
Concen: 49.545 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Tgt Ion: 85 Resp: 59731
Ion Ratio Lower Upper
85 100
87 33.6 15.6 46.7





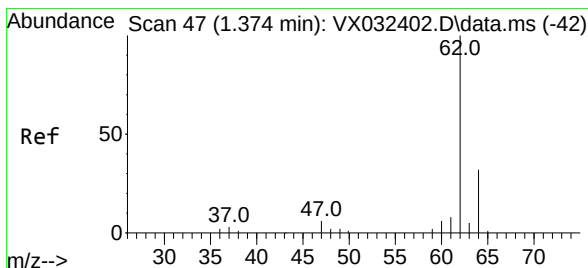
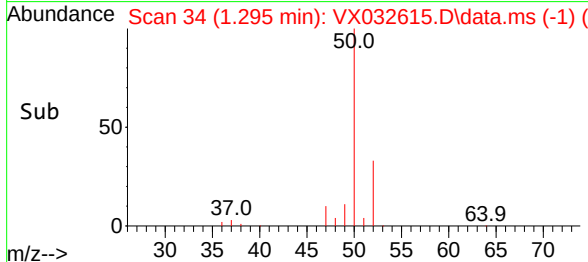
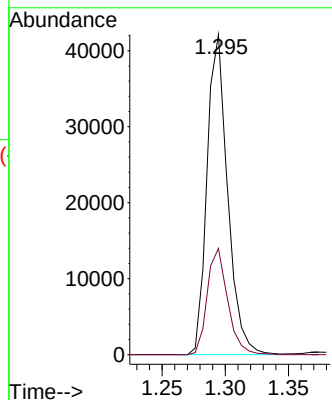
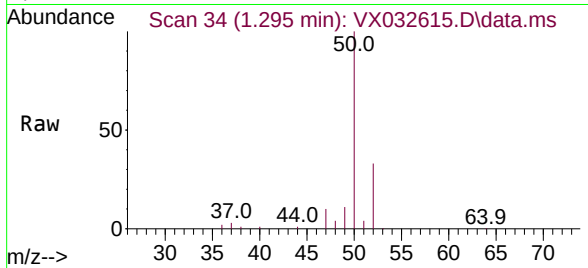
#3
Chloromethane
Concen: 46.655 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 47568
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.2

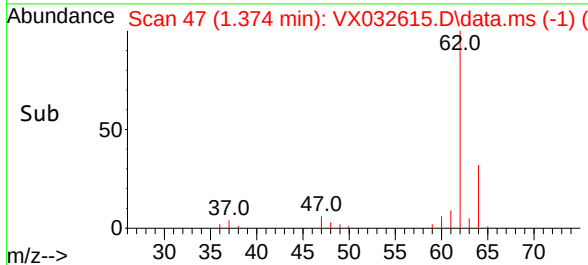
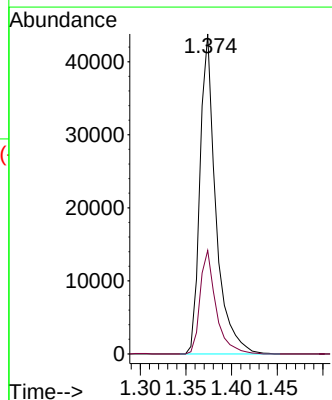
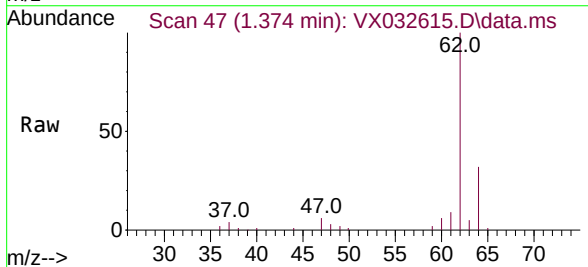
Manual Integrations
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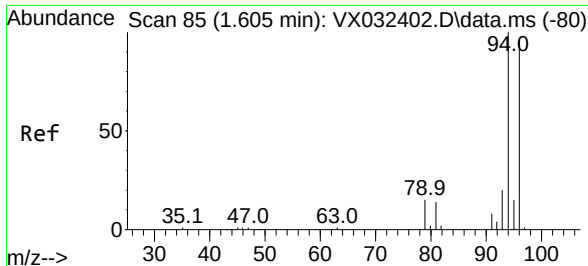
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#4
Vinyl Chloride
Concen: 46.936 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Tgt Ion: 62 Resp: 52667
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.6





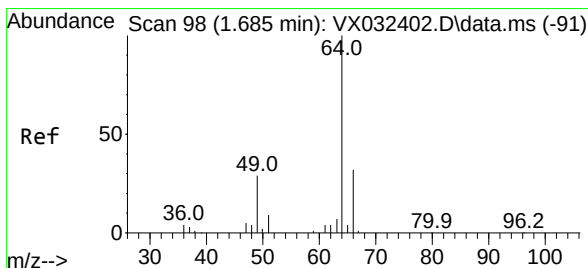
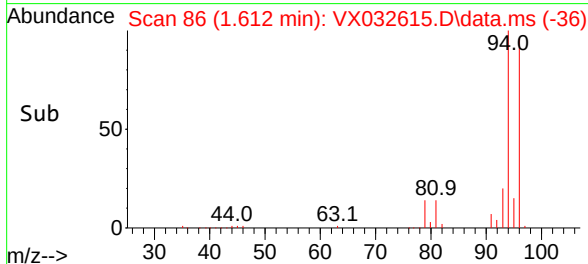
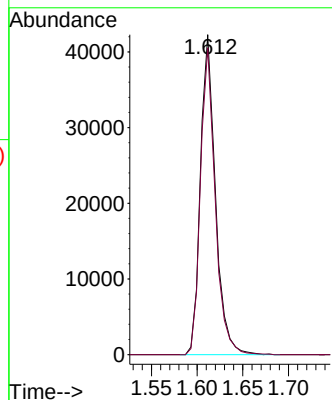
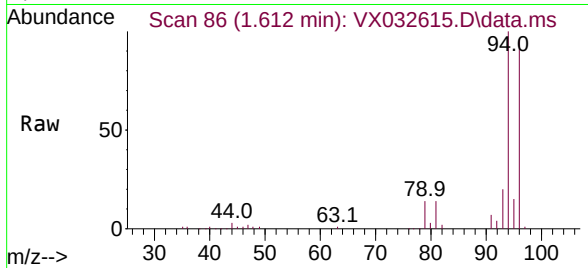
#5
Bromomethane
Concen: 53.777 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Instrument :
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Tgt Ion: 94 Resp: 48223
Ion Ratio Lower Upper
94 100
96 95.9 77.6 116.4

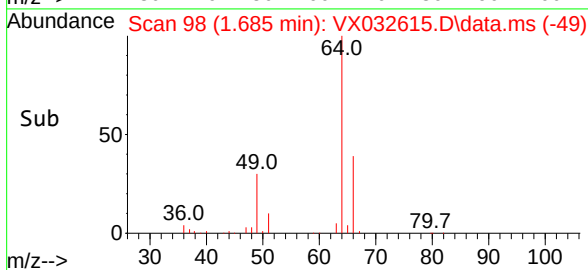
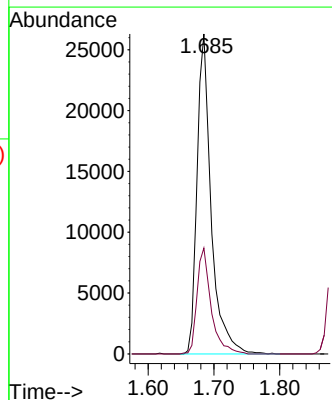
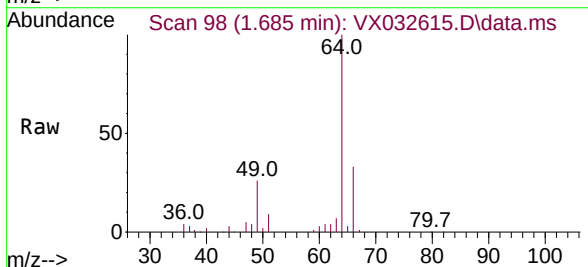
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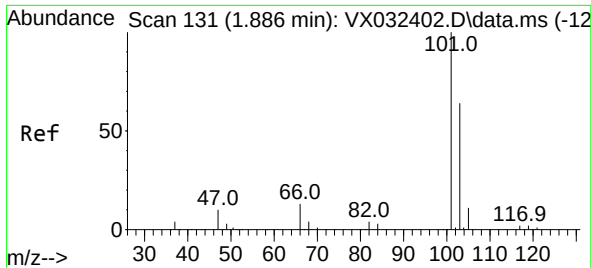
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#6
Chloroethane
Concen: 51.995 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

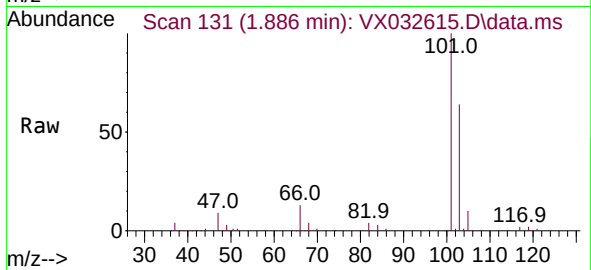
Tgt Ion: 64 Resp: 39140
Ion Ratio Lower Upper
64 100
66 33.1 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 51.383 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX032615.D
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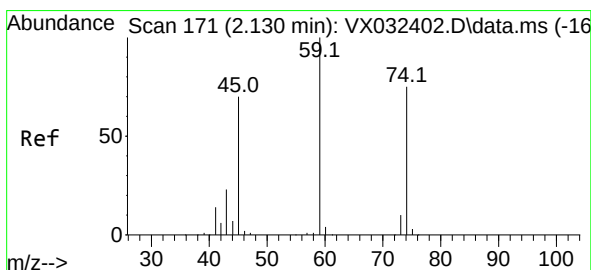
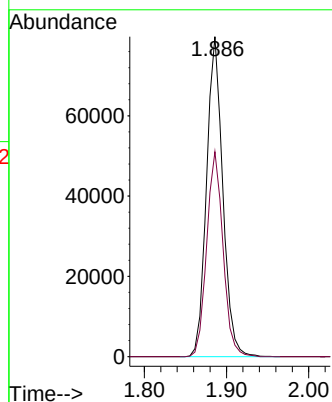
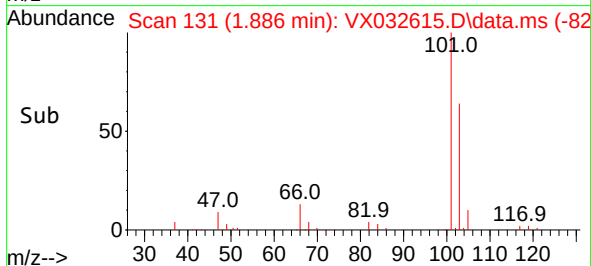
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 109248
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.4 77.2

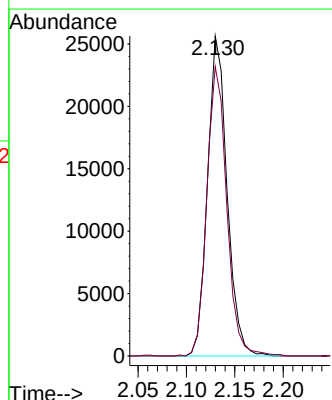
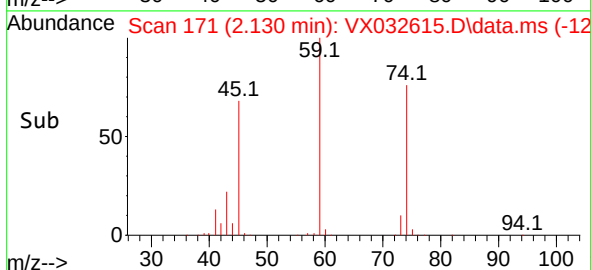
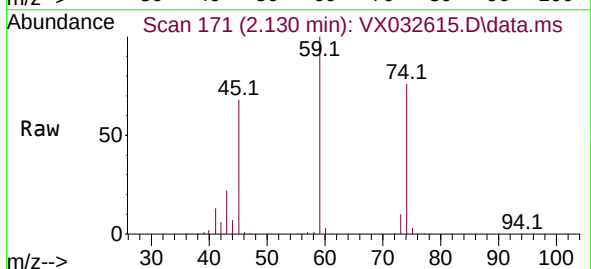
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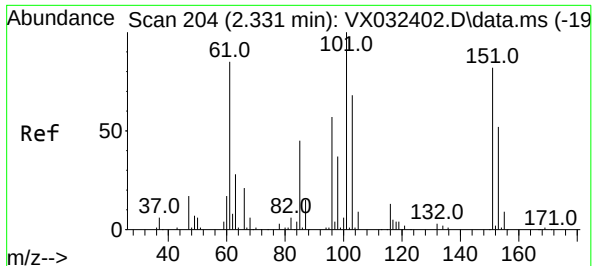
Reviewed By :John Carlone 11/08/2022
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#8
 Diethyl Ether
 Concen: 52.234 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
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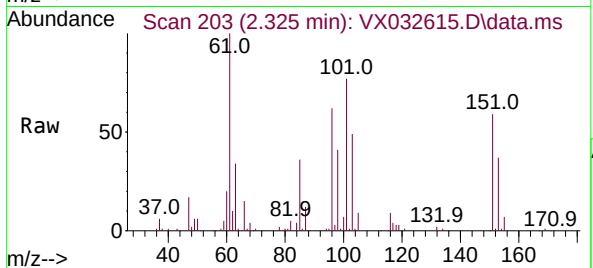
Tgt Ion: 74 Resp: 35989
 Ion Ratio Lower Upper
 74 100
 45 92.0 46.6 139.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.869 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

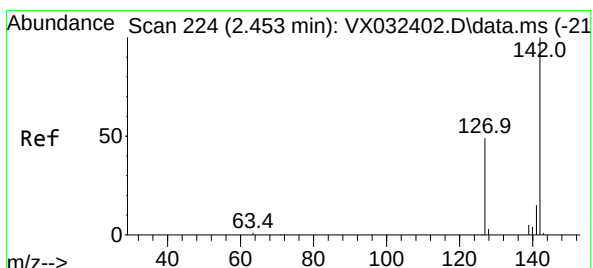
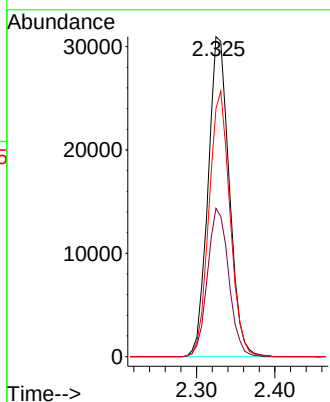
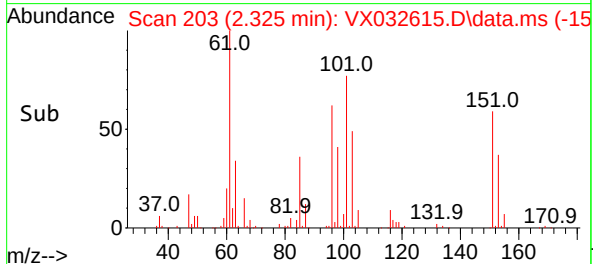
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 58206
Ion Ratio Lower Upper
101 100
85 46.4 37.0 55.4
151 82.1 64.4 96.6

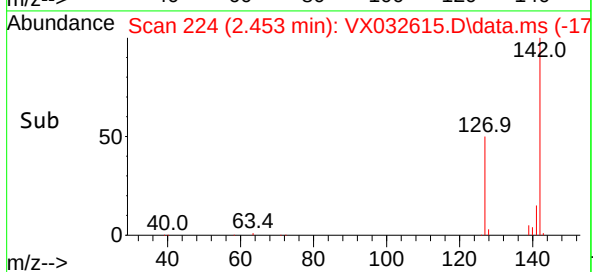
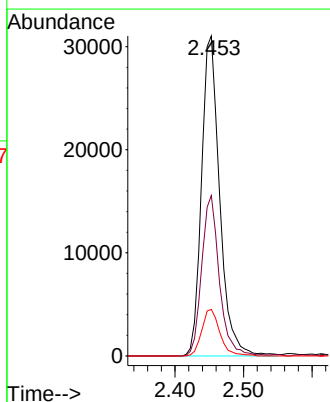
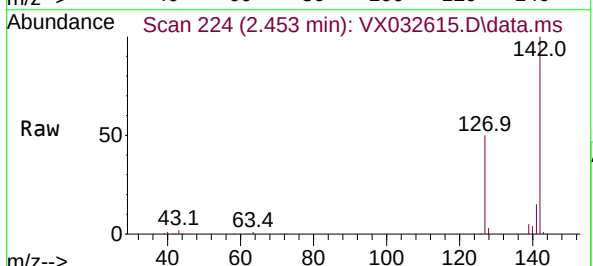
Manual Integrations
APPROVED

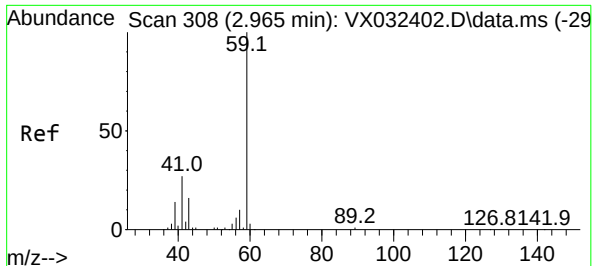
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#10
Methyl Iodide
Concen: 45.828 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Tgt Ion:142 Resp: 56993
Ion Ratio Lower Upper
142 100
127 48.7 38.6 57.8
141 14.5 11.4 17.2





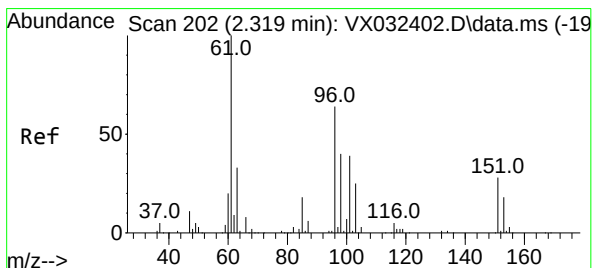
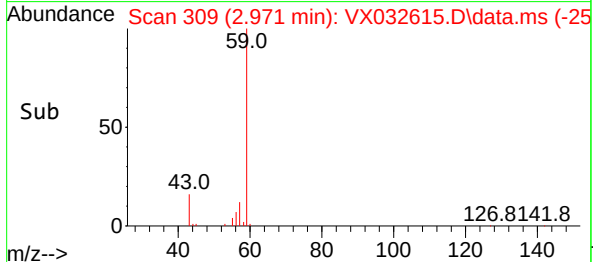
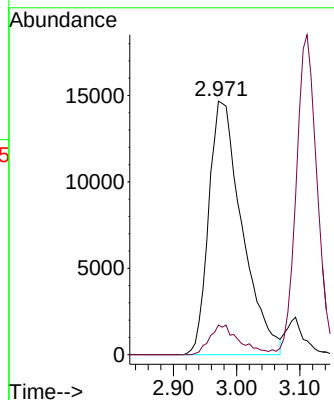
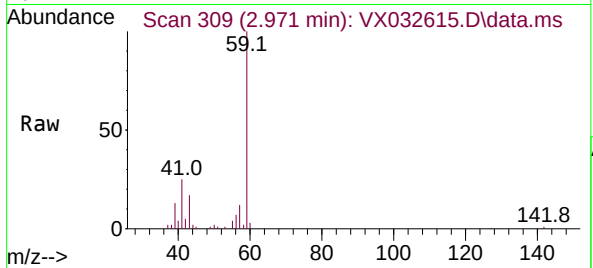
#11
Tert butyl alcohol
Concen: 254.104 ug/l
RT: 2.971 min Scan# 308
Delta R.T. 0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 5371
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

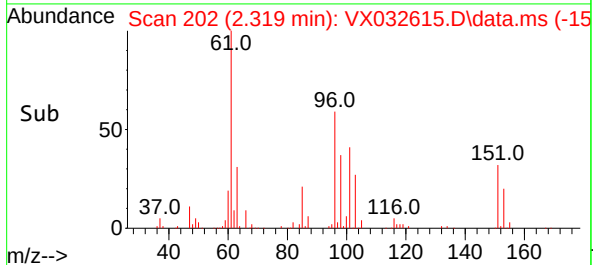
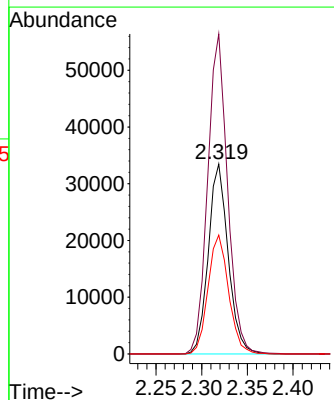
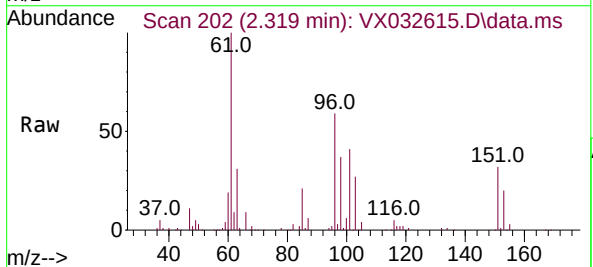
Manual Integrations
APPROVED

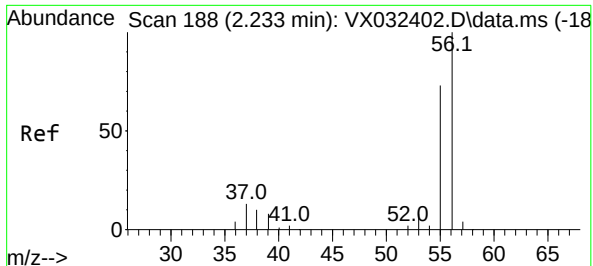
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#12
1,1-Dichloroethene
Concen: 48.340 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

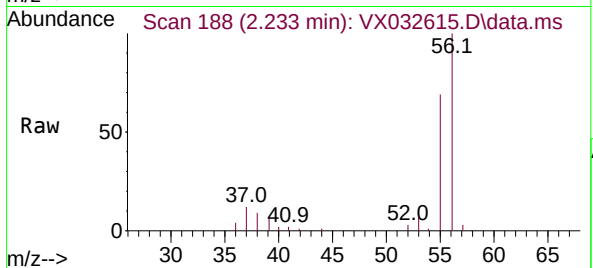
Tgt Ion: 96 Resp: 50675
Ion Ratio Lower Upper
96 100
61 168.6 125.1 187.7
98 62.6 50.6 76.0





#13
Acrolein
Concen: 332.923 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

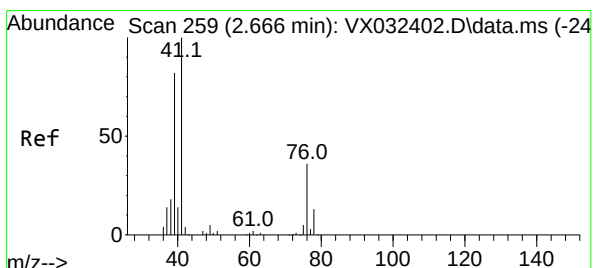
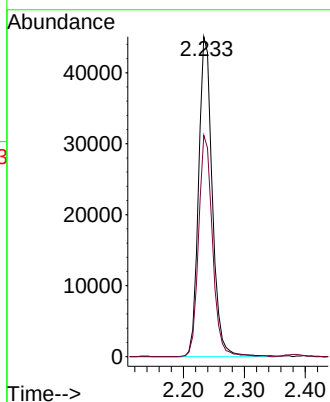
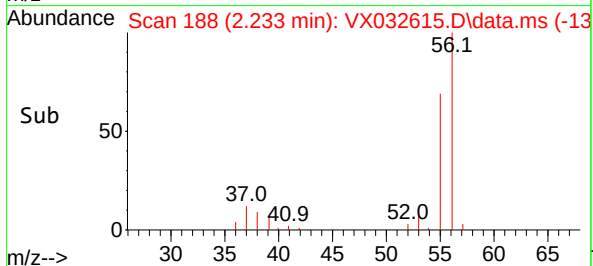
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 70260
Ion Ratio Lower Upper
56 100
55 70.3 56.9 85.3

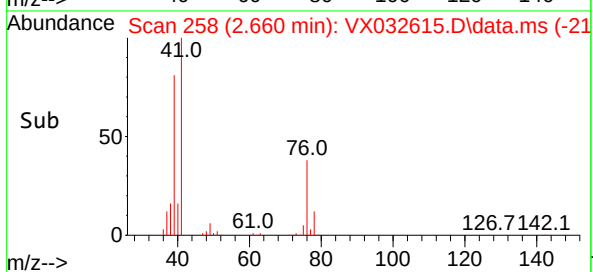
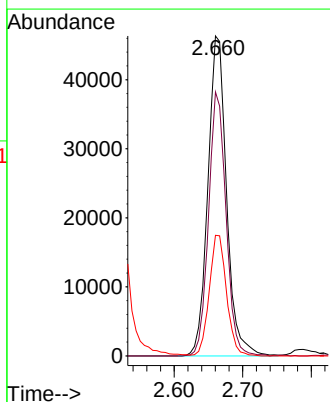
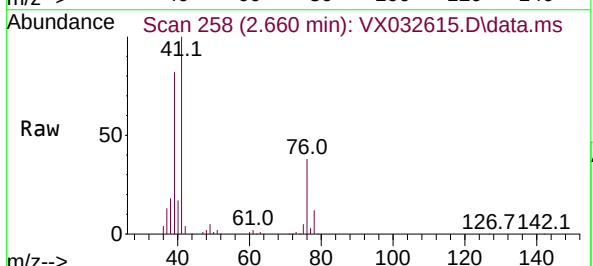
Manual Integrations
APPROVED

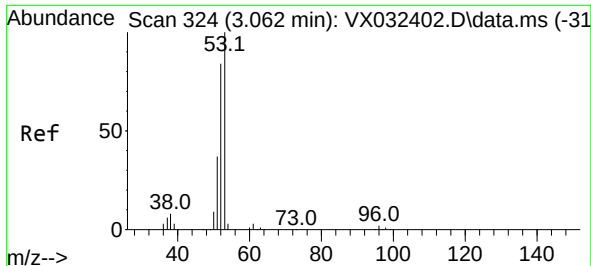
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#14
Allyl chloride
Concen: 52.587 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

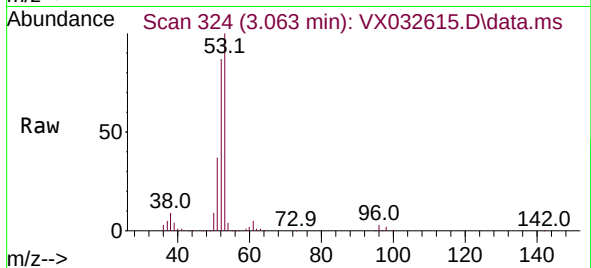
Tgt Ion: 41 Resp: 87876
Ion Ratio Lower Upper
41 100
39 77.1 61.4 92.2
76 34.9 29.2 43.8





#15
Acrylonitrile
Concen: 256.188 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

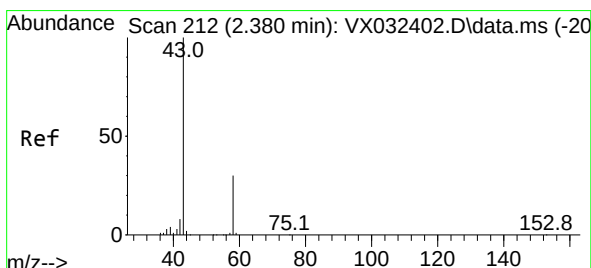
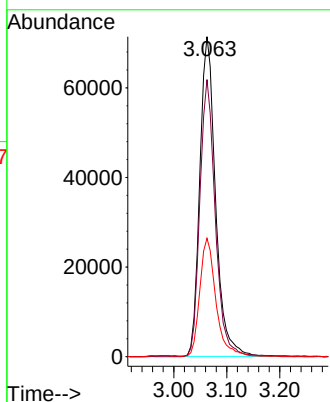
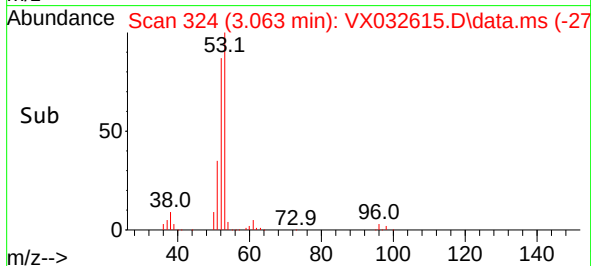
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 146980
Ion Ratio Lower Upper
53 100
52 84.9 67.4 101.0
51 37.7 30.3 45.5

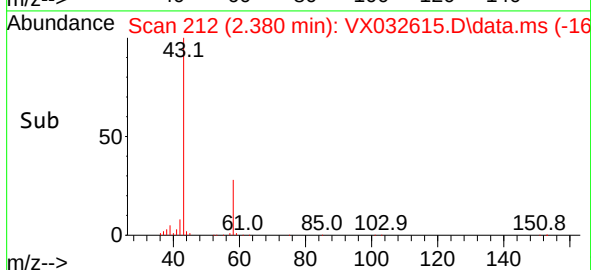
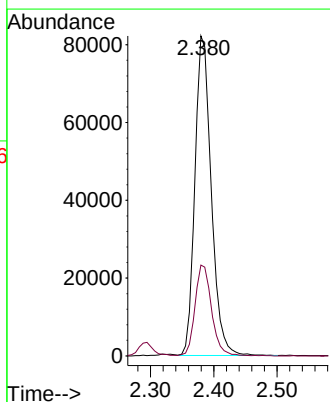
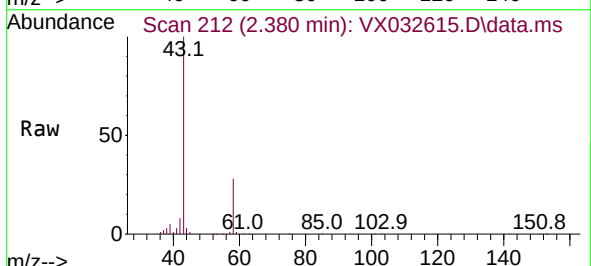
Manual Integrations
APPROVED

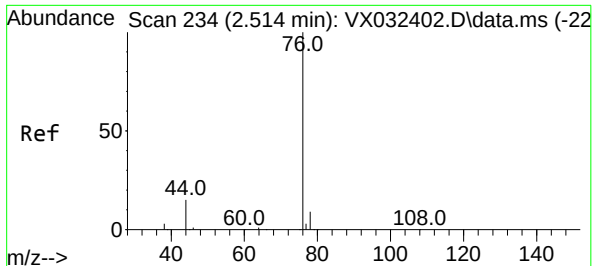
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#16
Acetone
Concen: 278.488 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Tgt Ion: 43 Resp: 147010
Ion Ratio Lower Upper
43 100
58 28.4 23.8 35.8





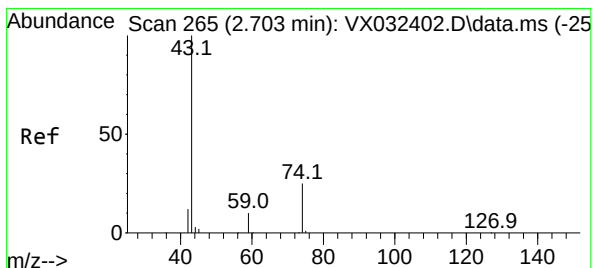
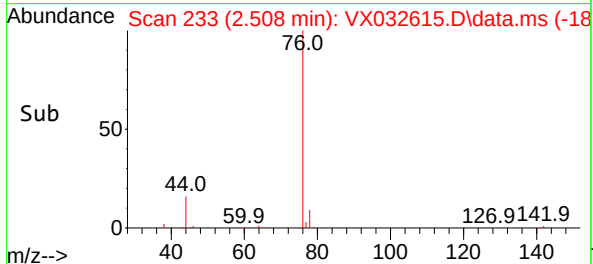
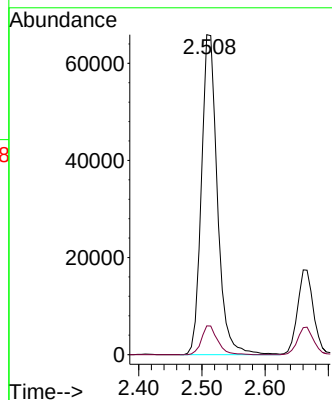
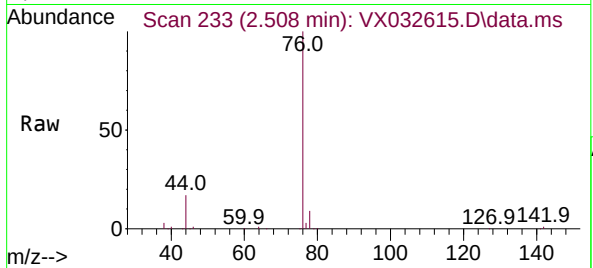
#17
Carbon Disulfide
Concen: 46.004 ug/l
RT: 2.508 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 114862
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

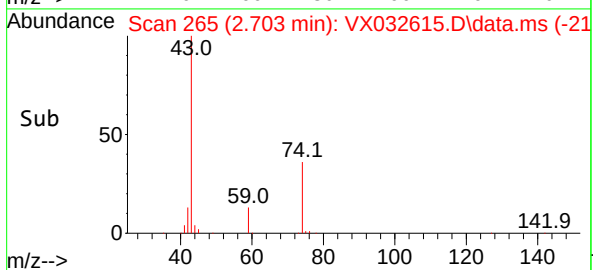
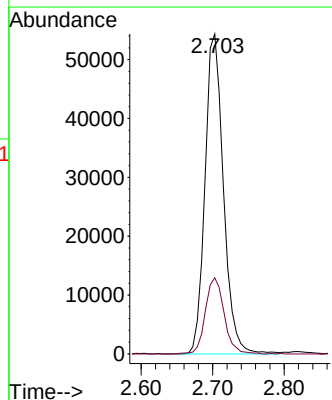
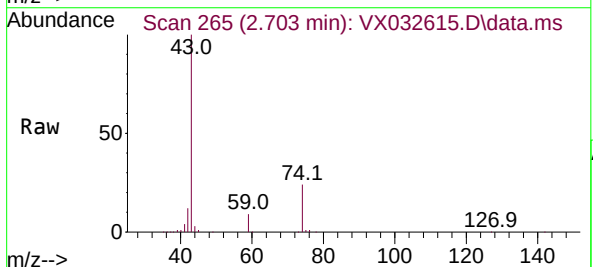
Manual Integrations
APPROVED

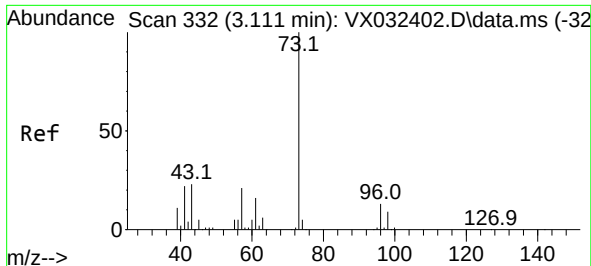
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#18
Methyl Acetate
Concen: 56.712 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Tgt Ion: 43 Resp: 97354
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.0





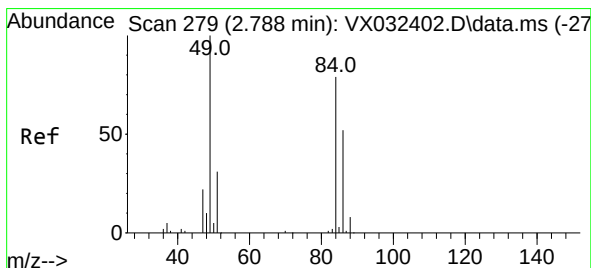
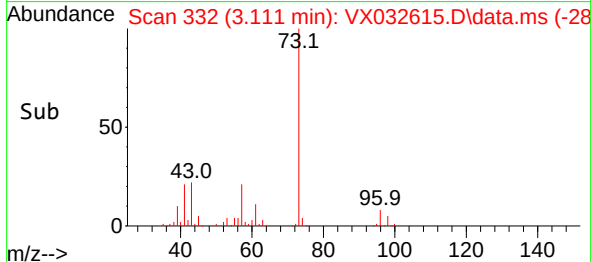
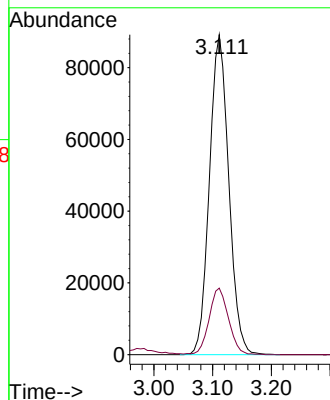
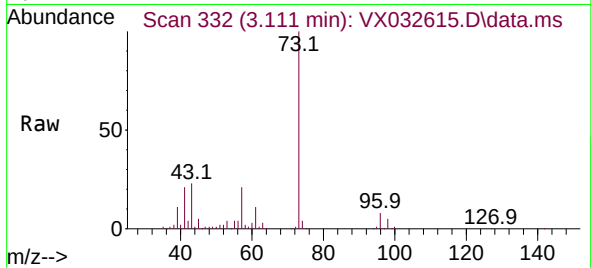
#19
Methyl tert-butyl Ether
Concen: 55.333 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 20387
Ion Ratio Lower Upper
73 100
57 20.8 16.6 25.0

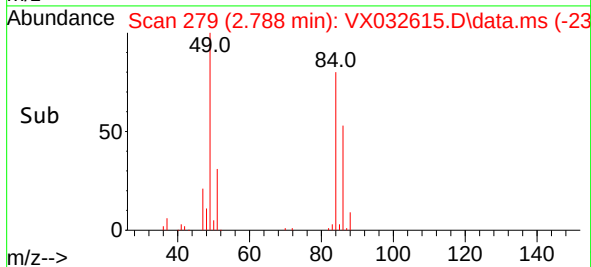
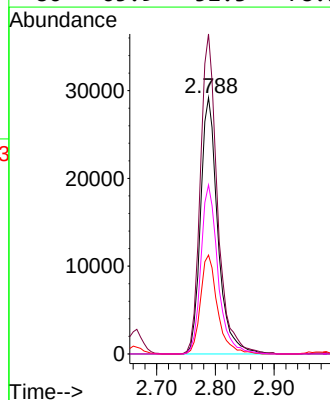
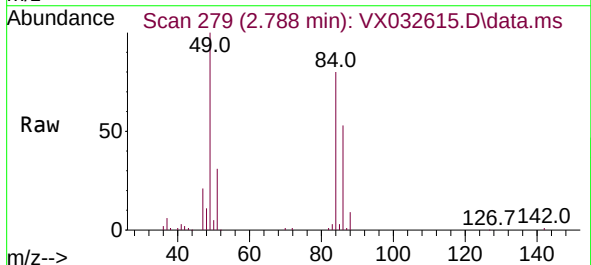
Manual Integrations
APPROVED

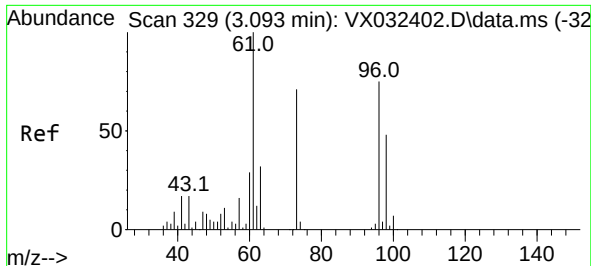
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#20
Methylene Chloride
Concen: 49.177 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

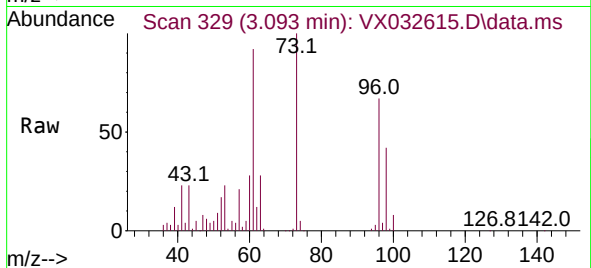
Tgt Ion: 84 Resp: 59521
Ion Ratio Lower Upper
84 100
49 124.9 101.0 151.6
51 38.6 31.1 46.7
86 65.9 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 49.582 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

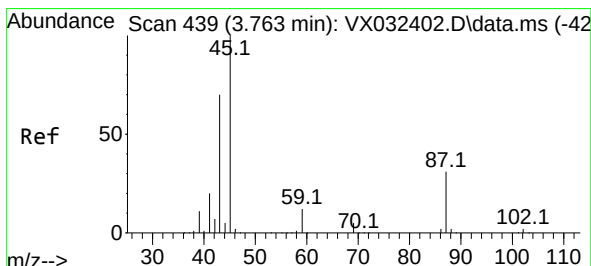
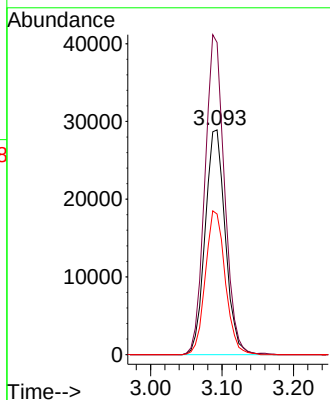
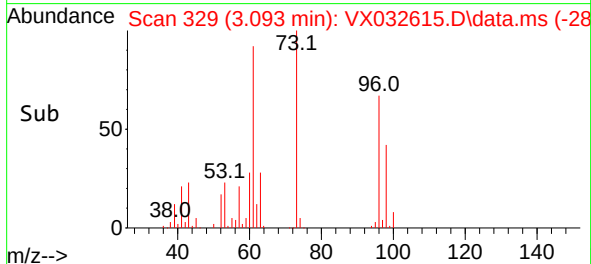
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



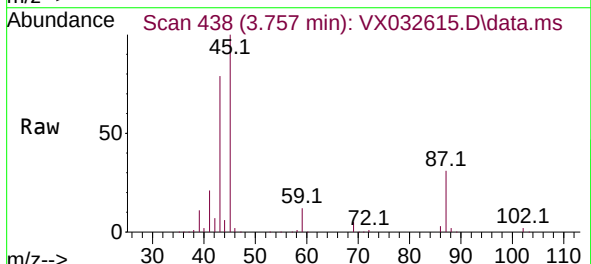
Tgt Ion: 96 Resp: 56576
Ion Ratio Lower Upper
96 100
61 138.9 106.6 160.0
98 62.5 51.0 76.6

Manual Integrations
APPROVED

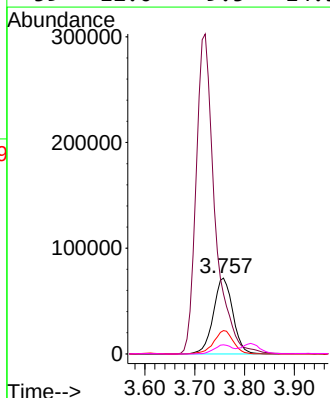
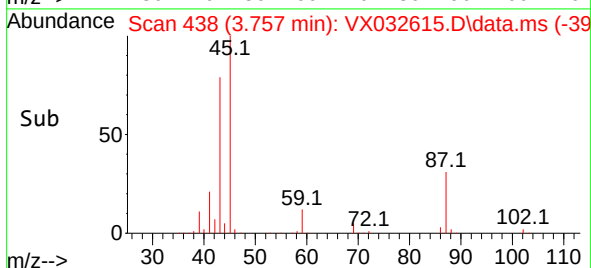
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

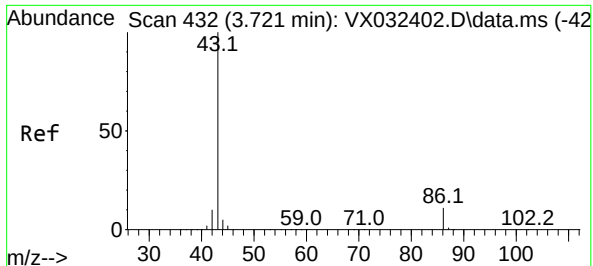


#22
Diisopropyl ether
Concen: 54.005 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26



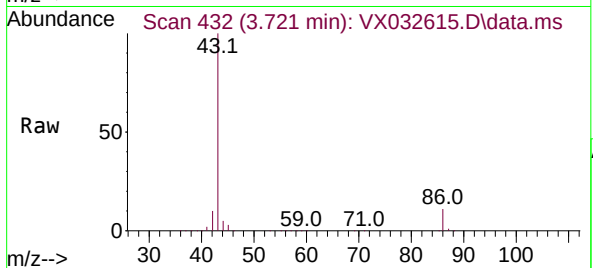
Tgt Ion: 45 Resp: 195201
Ion Ratio Lower Upper
45 100
43 78.9 56.4 84.6
87 30.8 24.4 36.6
59 12.0 9.5 14.3





#23
 Vinyl Acetate
 Concen: 271.227 ug/l
 RT: 3.721 min Scan# 432
 Delta R.T. 0.000 min
 Lab File: VX032615.D
 Acq: 07 Nov 2022 10:26

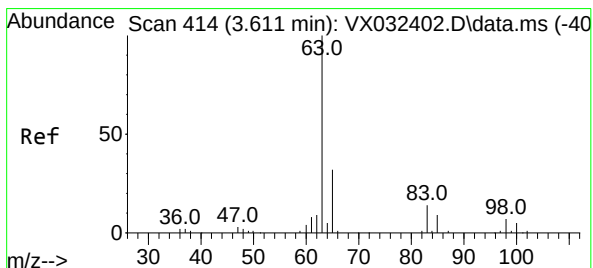
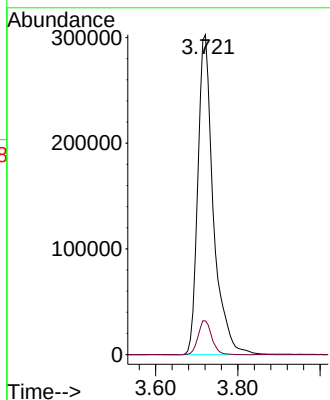
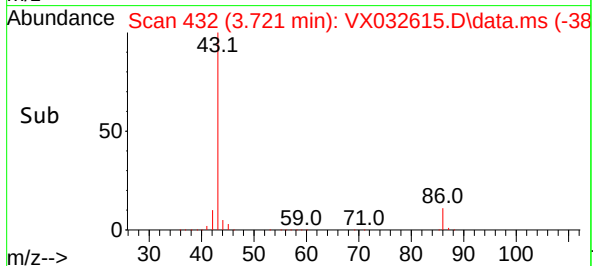
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



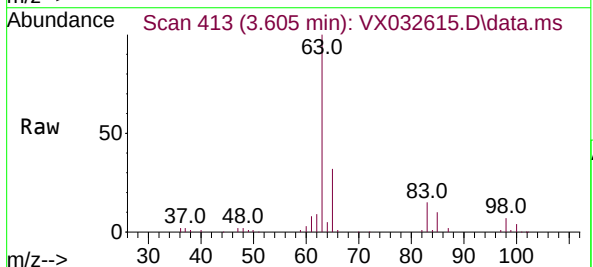
Tgt Ion: 43 Resp: 792044
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8

Manual Integrations
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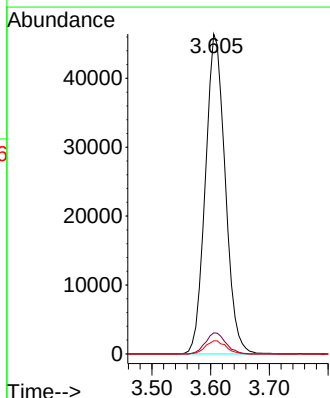
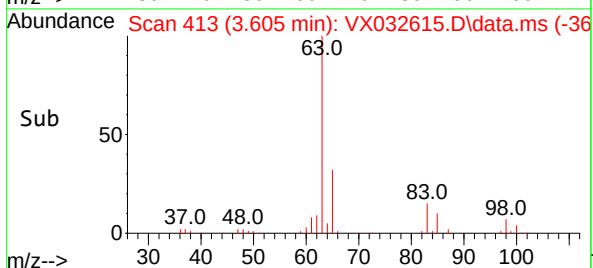
Reviewed By :John Carlone 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

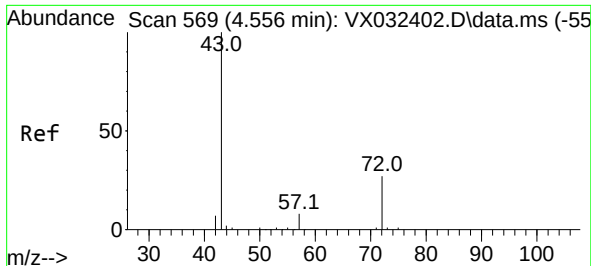


#24
 1,1-Dichloroethane
 Concen: 52.345 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX032615.D
 Acq: 07 Nov 2022 10:26



Tgt Ion: 63 Resp: 108827
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.1 2.3 6.8





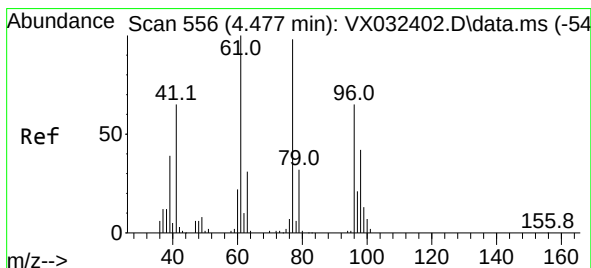
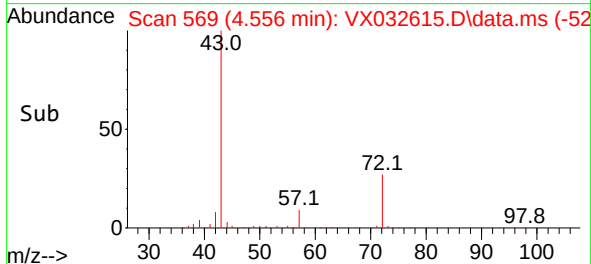
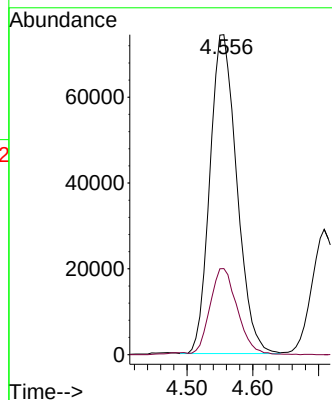
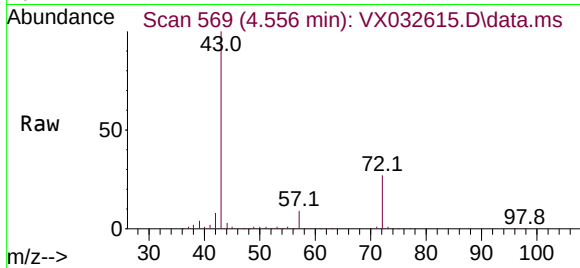
#25
2-Butanone
Concen: 258.372 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Instrument :
MSVOA_X
Client Sample Id :
VSTDCCC050

Tgt Ion: 43 Resp: 211308
Ion Ratio Lower Upper
43 100
72 26.8 22.2 33.2

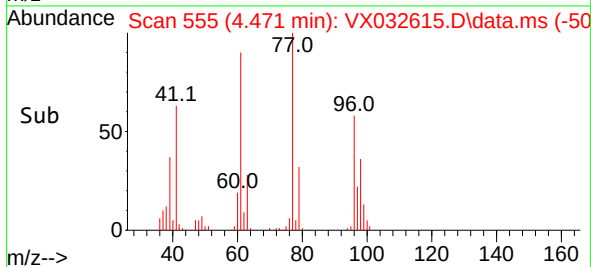
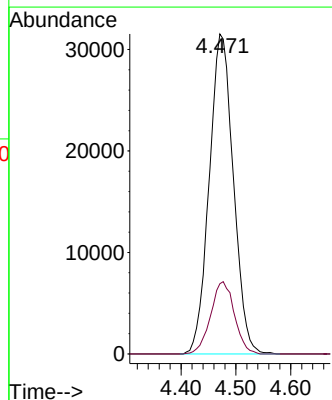
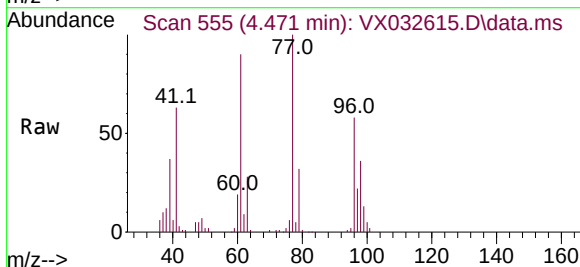
Manual Integrations
APPROVED

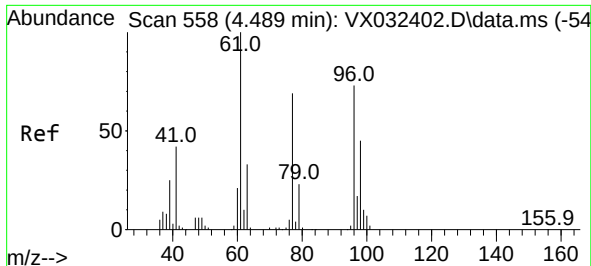
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#26
2,2-Dichloropropane
Concen: 58.366 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Tgt Ion: 77 Resp: 96461
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.971 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX032615.D

Acq: 07 Nov 2022 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 6986

Ion Ratio Lower Upper

96 100

61 145.9 0.0 286.0

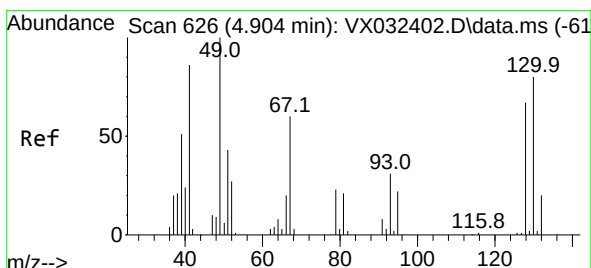
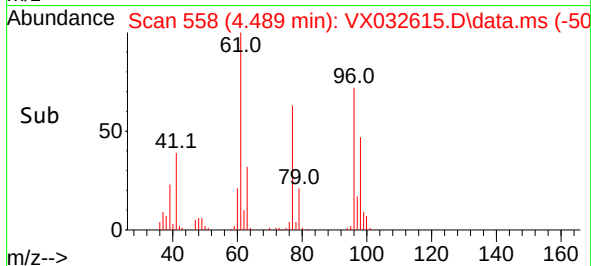
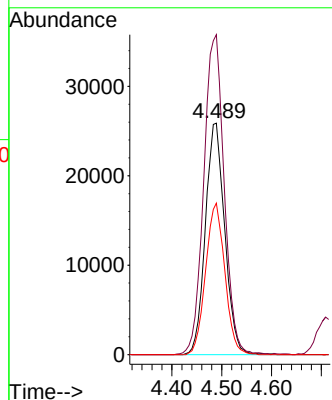
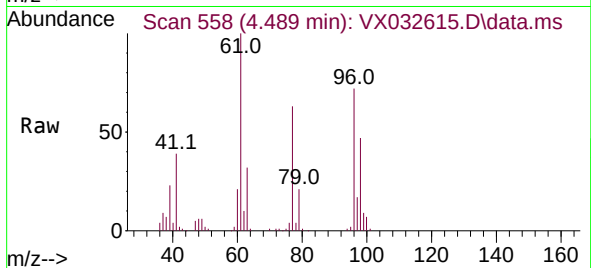
98 65.0 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#28

Bromochloromethane

Concen: 48.799 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX032615.D

Acq: 07 Nov 2022 10:26

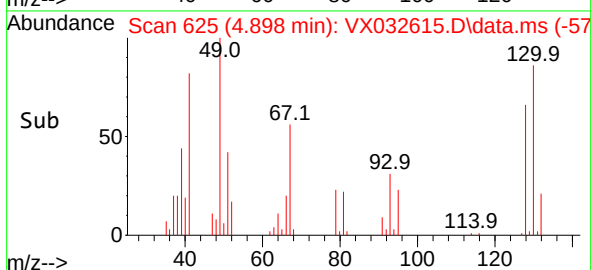
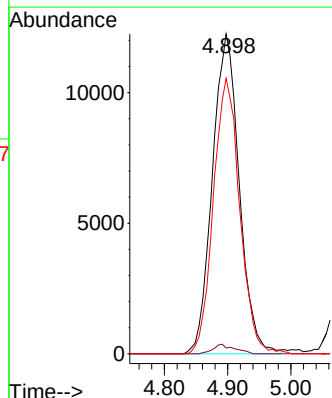
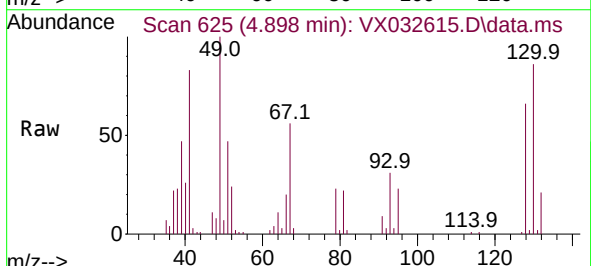
Tgt Ion: 49 Resp: 36138

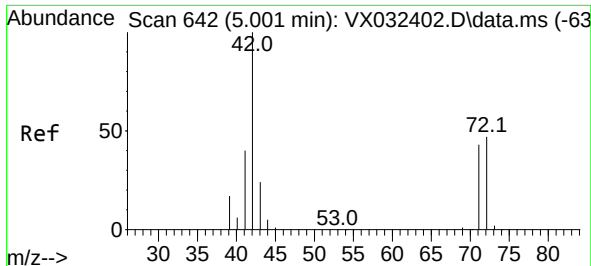
Ion Ratio Lower Upper

49 100

129 2.4 0.0 3.8

130 84.6 67.5 101.3





#29

Tetrahydrofuran

Concen: 253.420 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX032615.D

Acq: 07 Nov 2022 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 132163

Ion Ratio Lower Upper

42 100

72 47.2 37.6 56.4

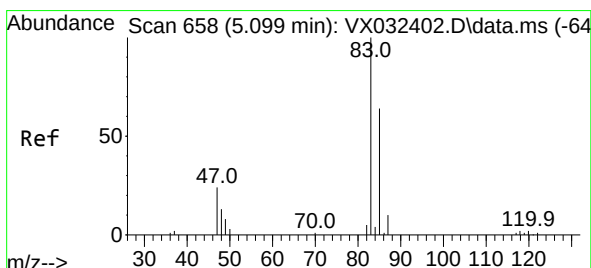
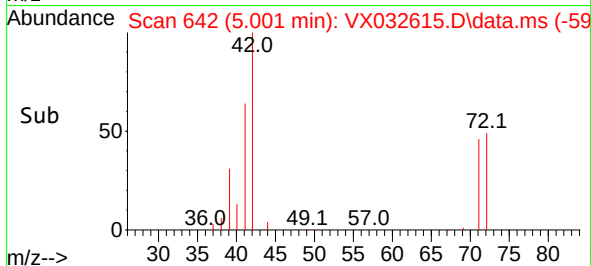
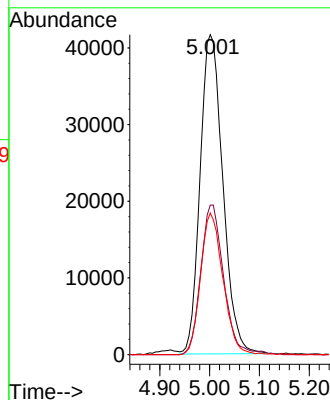
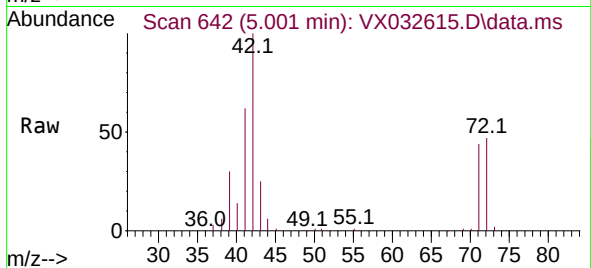
71 43.7 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#30

Chloroform

Concen: 53.678 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX032615.D

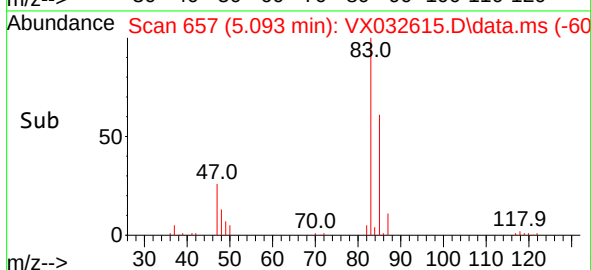
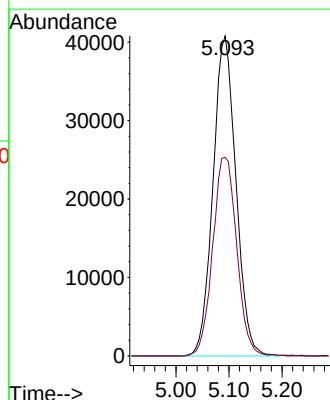
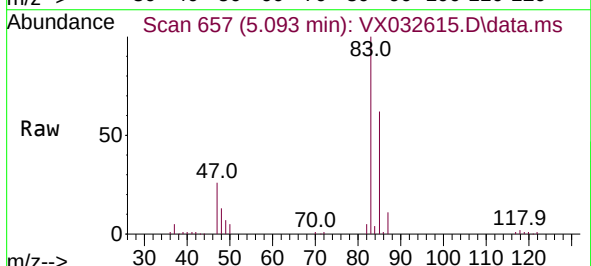
Acq: 07 Nov 2022 10:26

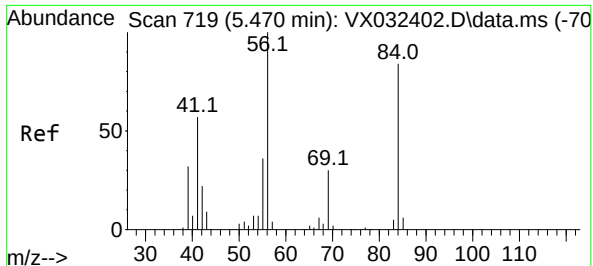
Tgt Ion: 83 Resp: 122458

Ion Ratio Lower Upper

83 100

85 62.0 51.1 76.7





#31

Cyclohexane

Concen: 50.277 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX032615.D

Acq: 07 Nov 2022 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 88540

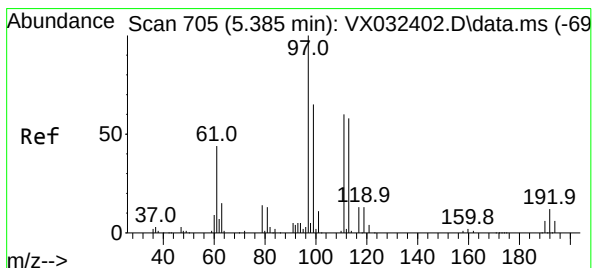
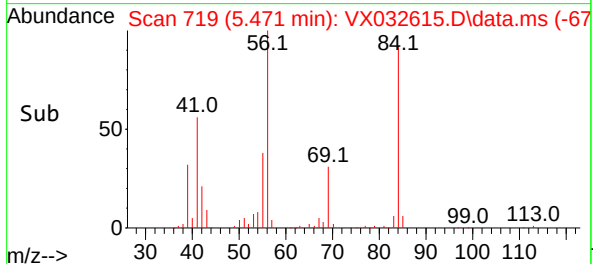
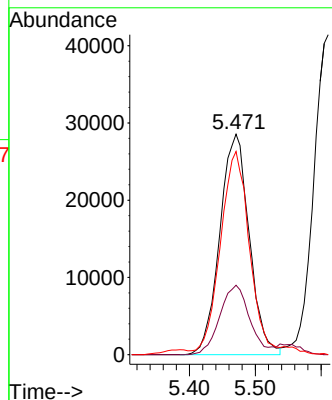
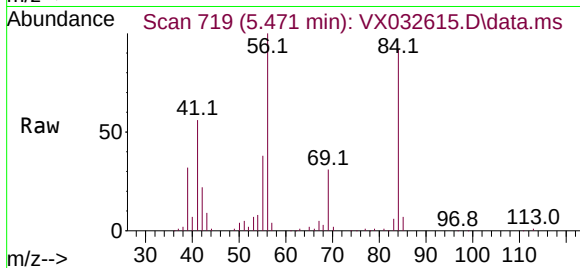
Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.1	36.1
84	89.9	66.9	100.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#32

1,1,1-Trichloroethane

Concen: 54.187 ug/l

RT: 5.379 min Scan# 704

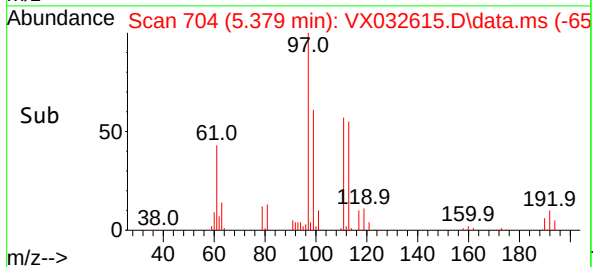
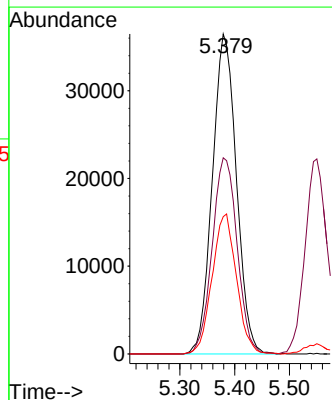
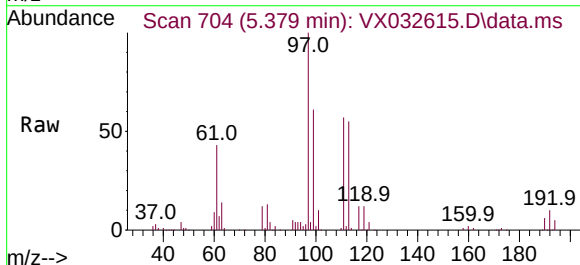
Delta R.T. -0.006 min

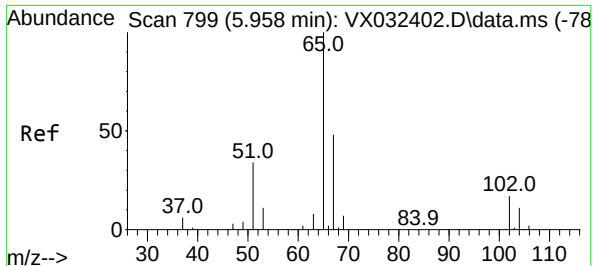
Lab File: VX032615.D

Acq: 07 Nov 2022 10:26

Tgt Ion: 97 Resp: 110930

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.0
61	44.3	35.2	52.8





#33

1,2-Dichloroethane-d4

Concen: 52.810 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032615.D

Acq: 07 Nov 2022 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 76702

Ion Ratio Lower Upper

65 100

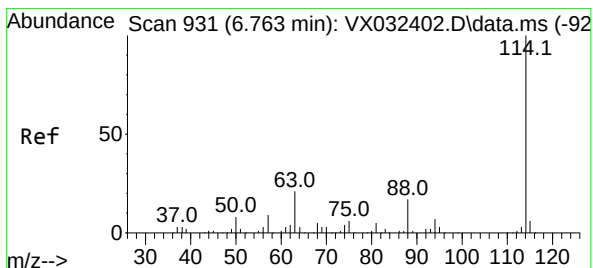
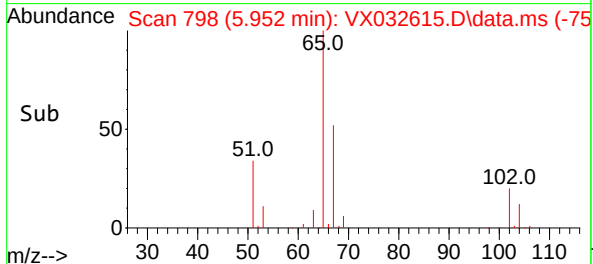
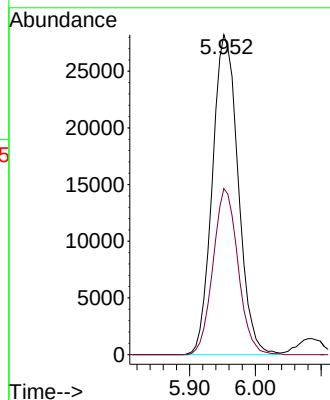
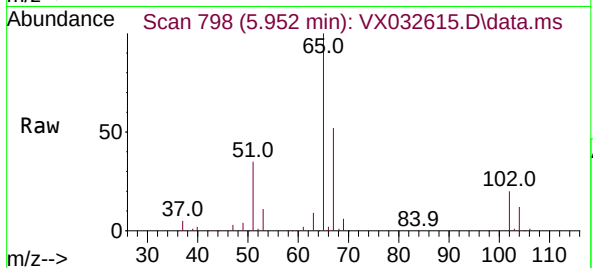
67 50.2 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX032615.D

Acq: 07 Nov 2022 10:26

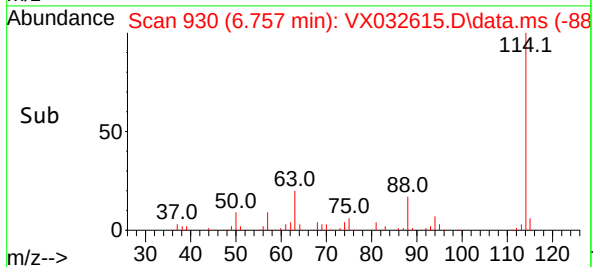
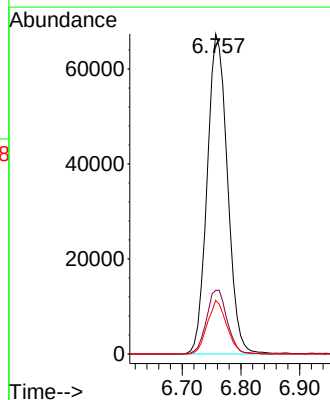
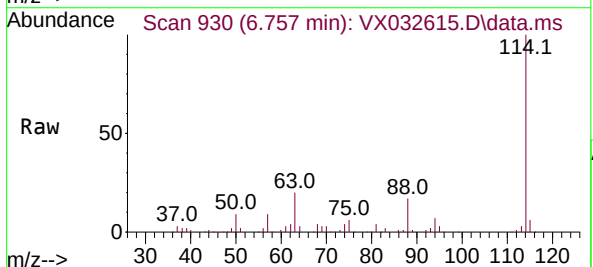
Tgt Ion:114 Resp: 161595

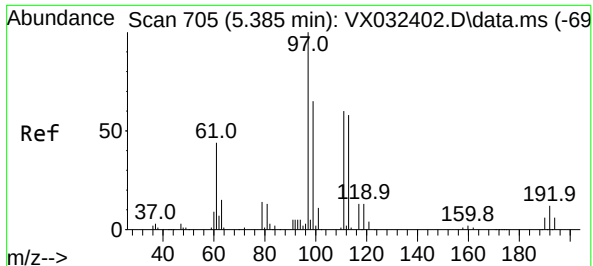
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.6

88 16.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.488 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032615.D

Acq: 07 Nov 2022 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

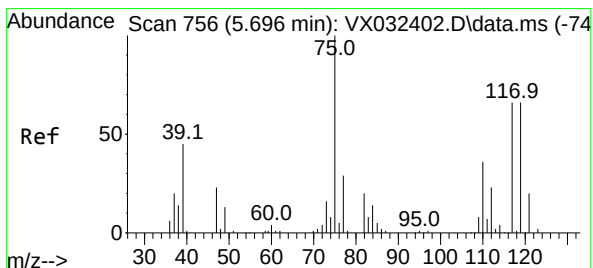
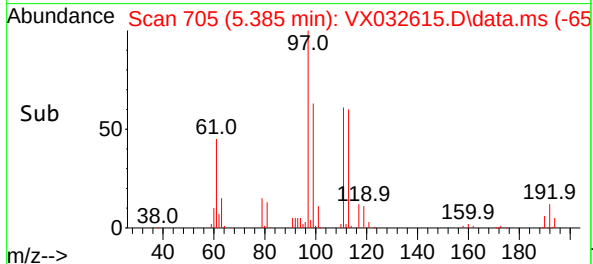
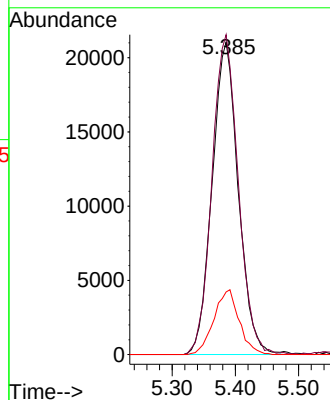
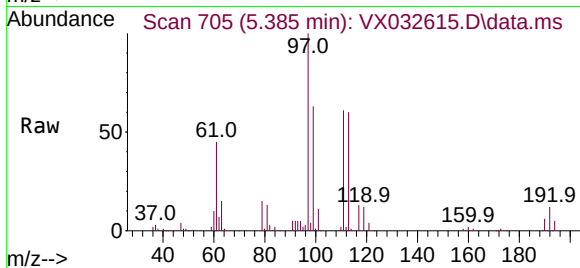
Tgt Ion:113 Resp: 60501
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.4 123.6
 192 20.1 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#36

1,1-Dichloropropene

Concen: 52.217 ug/l

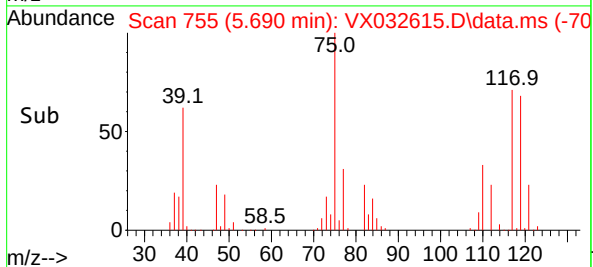
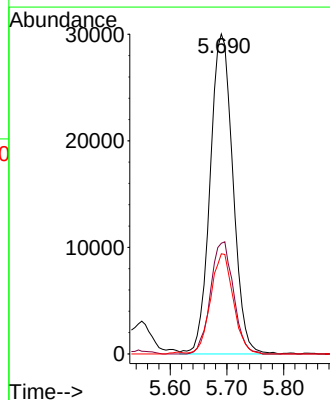
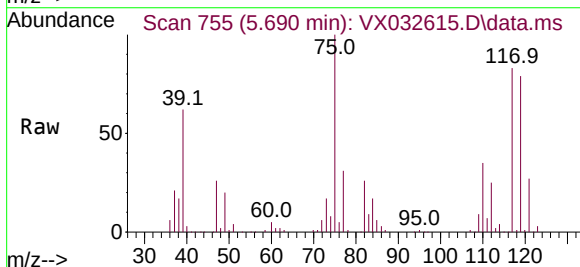
RT: 5.690 min Scan# 755

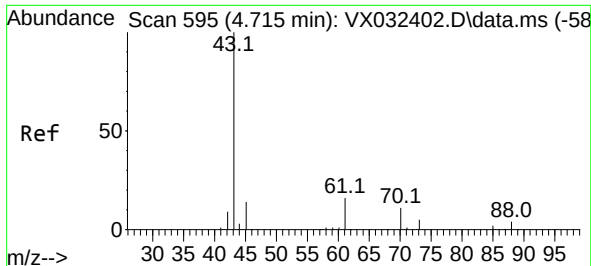
Delta R.T. -0.006 min

Lab File: VX032615.D

Acq: 07 Nov 2022 10:26

Tgt Ion: 75 Resp: 83816
 Ion Ratio Lower Upper
 75 100
 110 35.3 18.4 55.2
 77 31.1 24.5 36.7





#37

Ethyl Acetate

Concen: 50.774 ug/l

RT: 4.709 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX032615.D

Acq: 07 Nov 2022 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

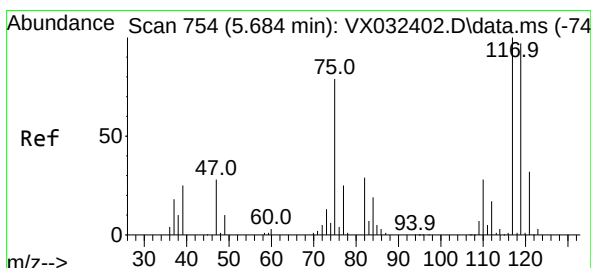
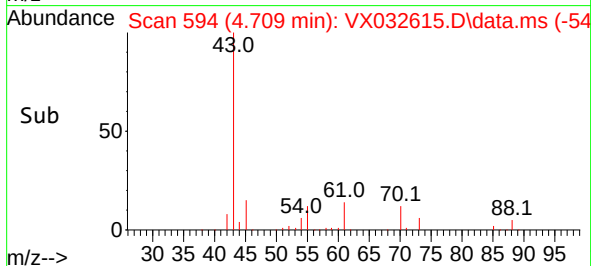
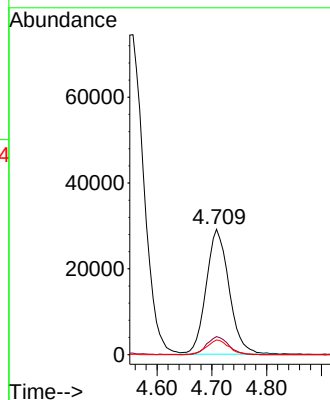
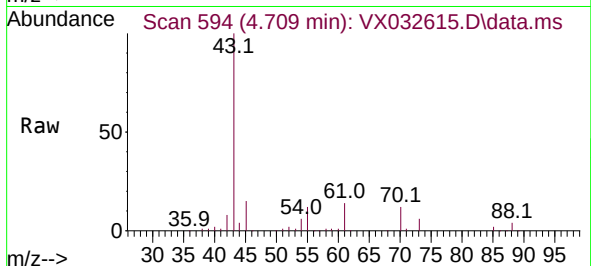
Tgt Ion:	43	Resp:	84833
Ion Ratio	Lower	Upper	
43	100		
61	13.6	11.5	17.3
70	11.3	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#38

Carbon Tetrachloride

Concen: 55.536 ug/l

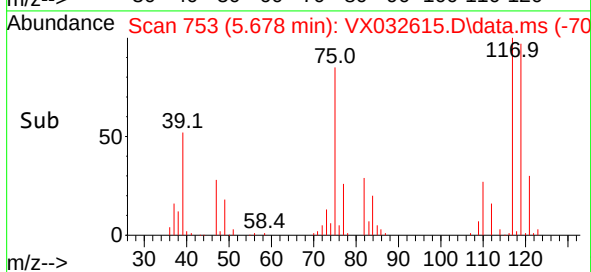
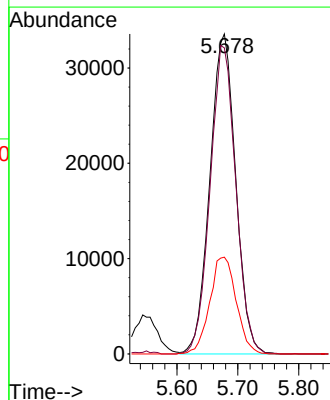
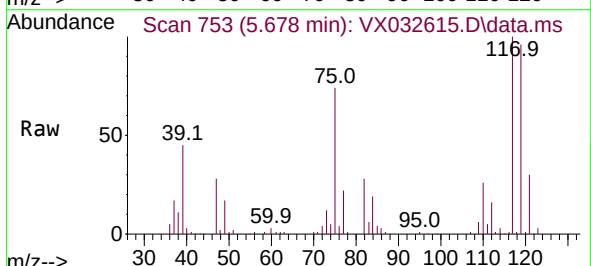
RT: 5.678 min Scan# 753

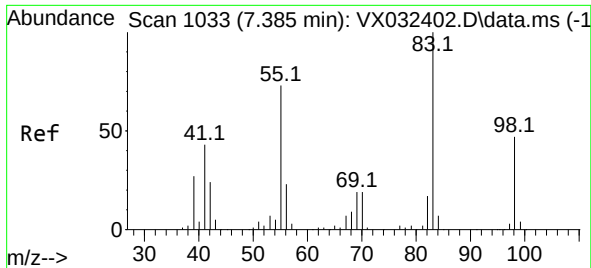
Delta R.T. -0.006 min

Lab File: VX032615.D

Acq: 07 Nov 2022 10:26

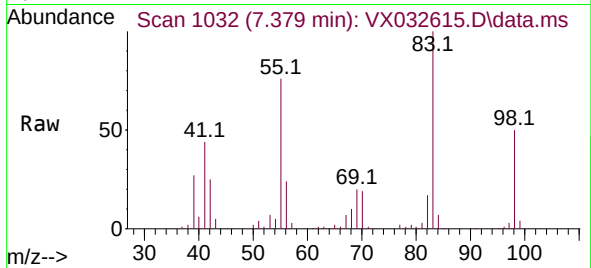
Tgt Ion:	117	Resp:	98872
Ion Ratio	Lower	Upper	
117	100		
119	95.6	77.2	115.8
121	30.2	25.8	38.6





#39
Methylcyclohexane
Concen: 51.004 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

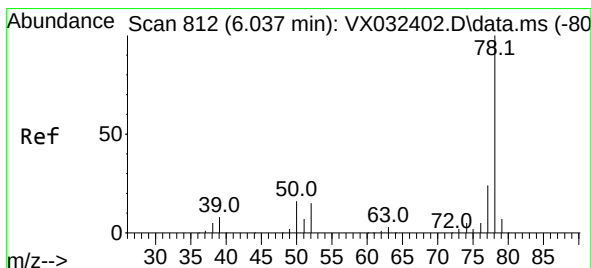
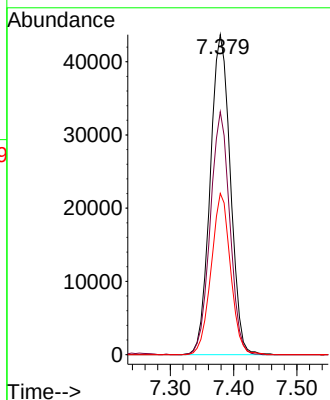
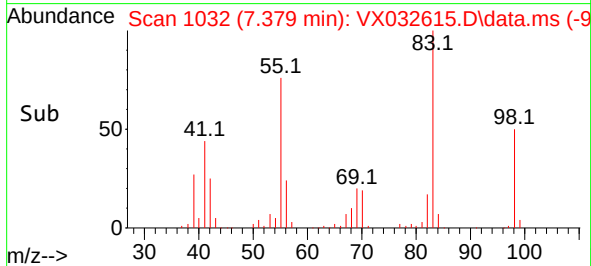
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 96864
Ion Ratio Lower Upper
83 100
55 75.9 58.4 87.6
98 50.4 37.2 55.8

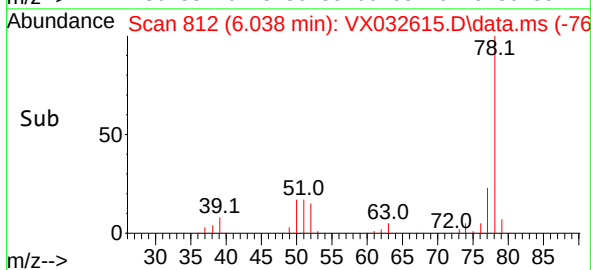
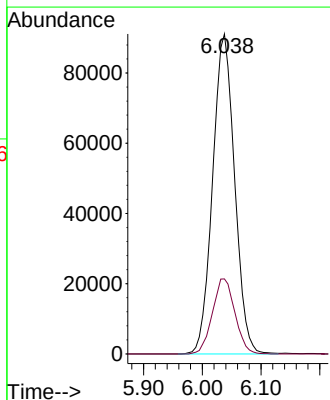
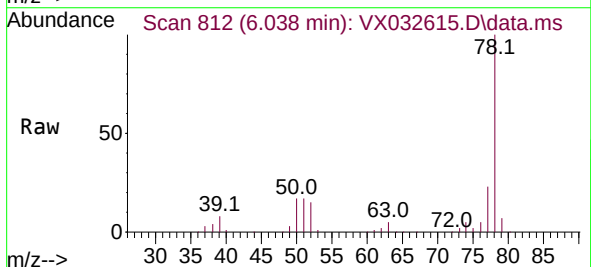
Manual Integrations
APPROVED

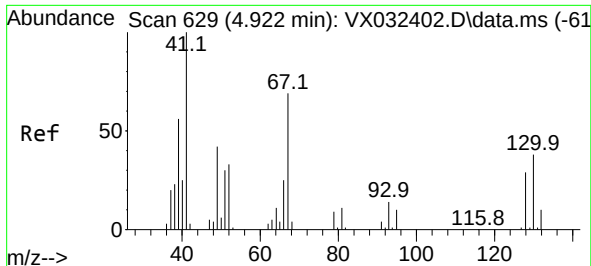
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#40
Benzene
Concen: 52.156 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Tgt Ion: 78 Resp: 236909
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4





#41
Methacrylonitrile
Concen: 56.351 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Instrument :

MSVOA_X

ClientSampleId :

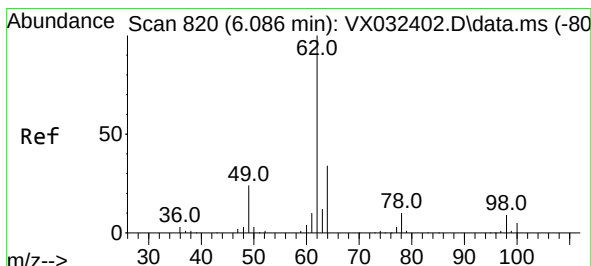
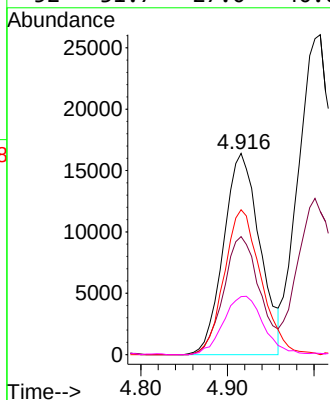
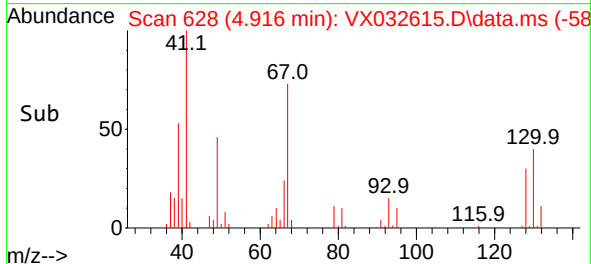
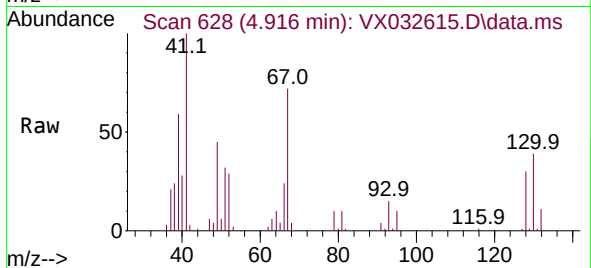
VSTDCCC050

Tgt Ion: 41 Resp: 47963
Ion Ratio Lower Upper
41 100
39 58.5 47.5 71.3
67 73.0 60.5 90.7
52 31.7 27.0 40.6

Manual Integrations

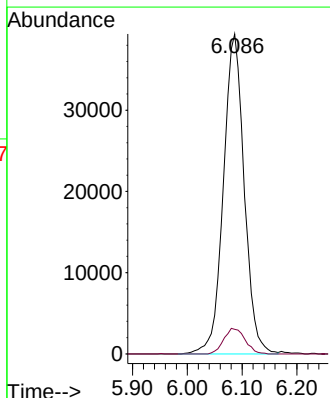
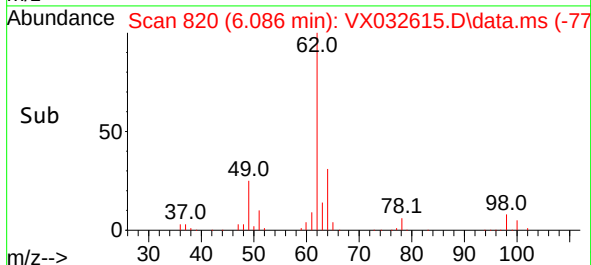
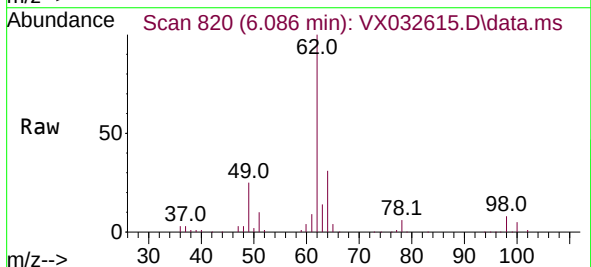
APPROVED

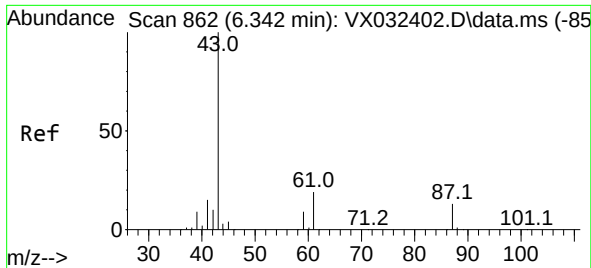
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#42
1,2-Dichloroethane
Concen: 55.916 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

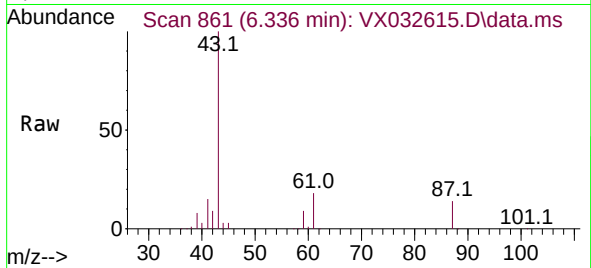
Tgt Ion: 62 Resp: 103824
Ion Ratio Lower Upper
62 100
98 8.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 56.495 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

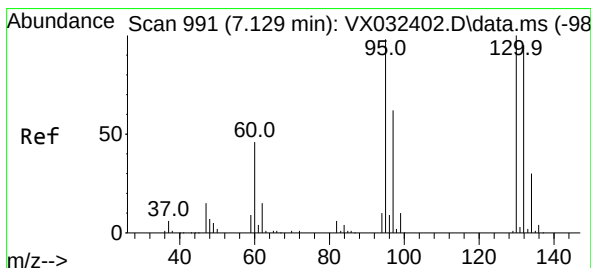
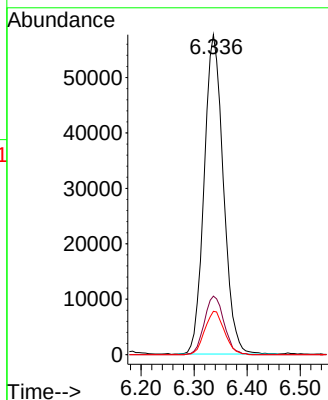
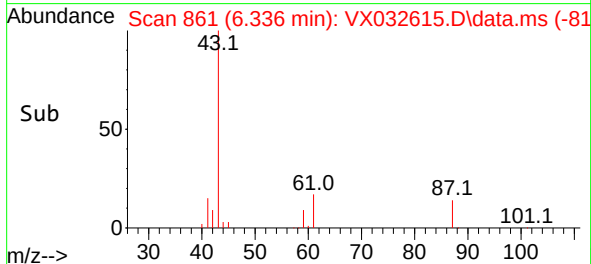
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 144931
Ion Ratio Lower Upper
43 100
61 18.8 15.4 23.0
87 13.8 10.8 16.2

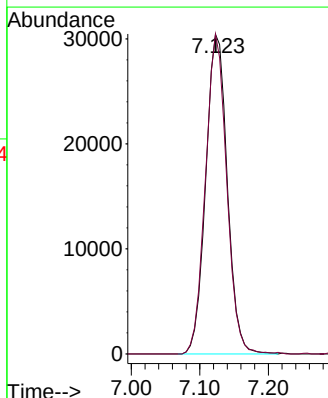
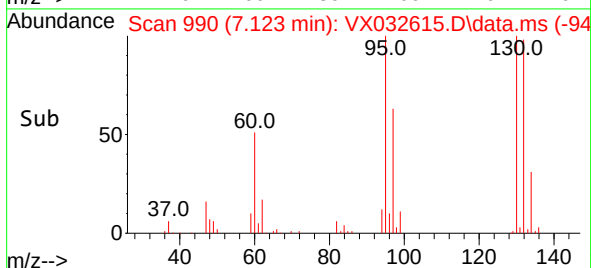
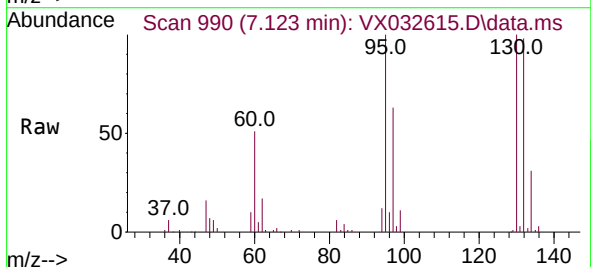
Manual Integrations
APPROVED

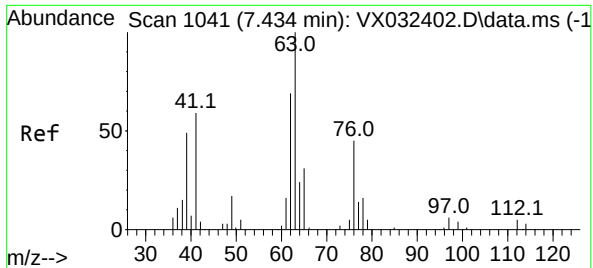
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#44
Trichloroethene
Concen: 51.962 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Tgt Ion:130 Resp: 66443
Ion Ratio Lower Upper
130 100
95 100.1 0.0 195.2





#45

1,2-Dichloropropane

Concen: 54.028 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX032615.D

Acq: 07 Nov 2022 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6299

Ion Ratio Lower Upper

63 100

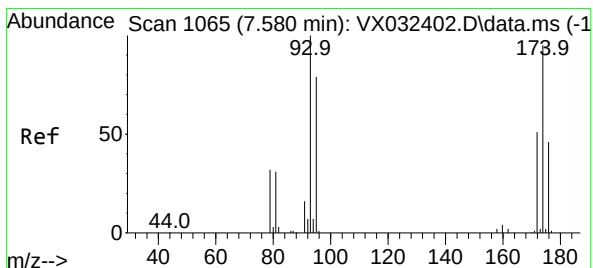
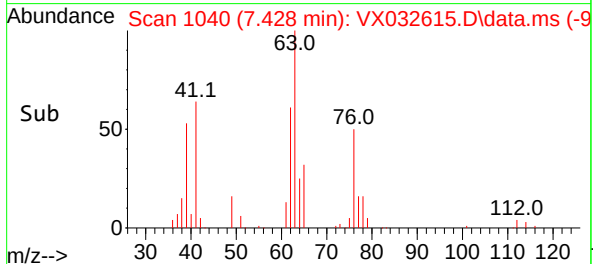
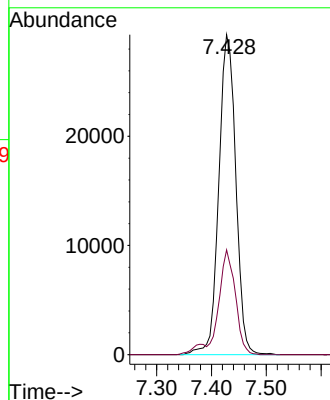
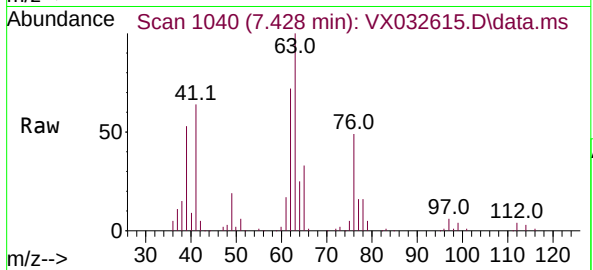
65 32.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#46

Dibromomethane

Concen: 53.632 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX032615.D

Acq: 07 Nov 2022 10:26

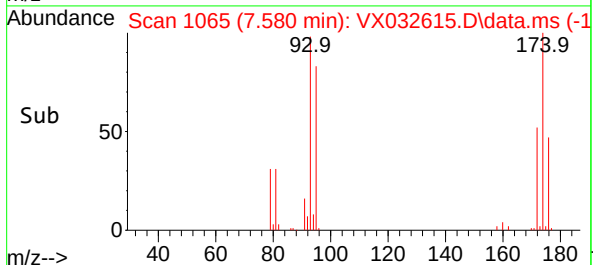
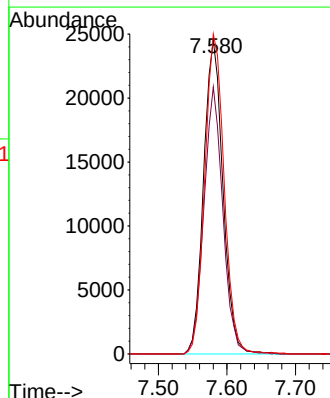
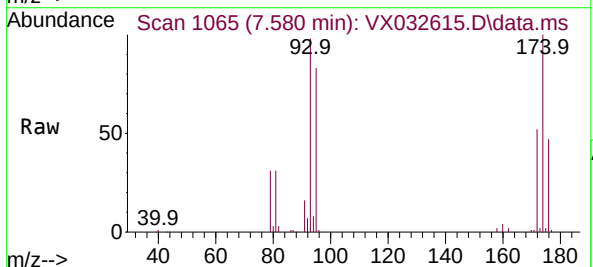
Tgt Ion: 93 Resp: 47959

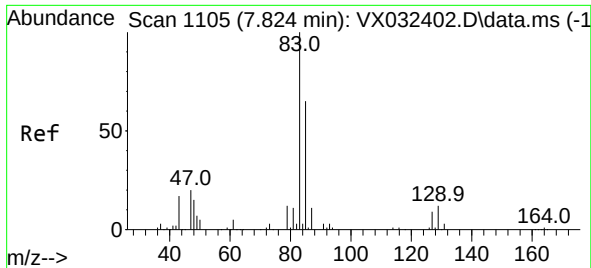
Ion Ratio Lower Upper

93 100

95 83.2 65.8 98.8

174 102.4 79.8 119.6





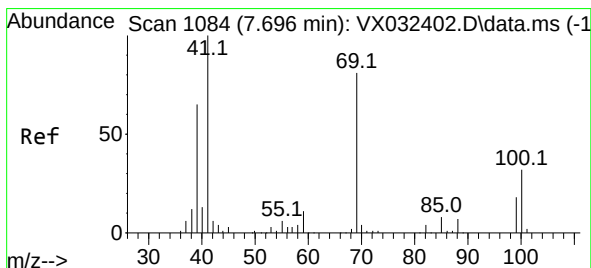
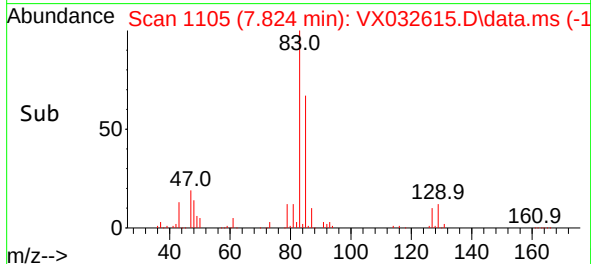
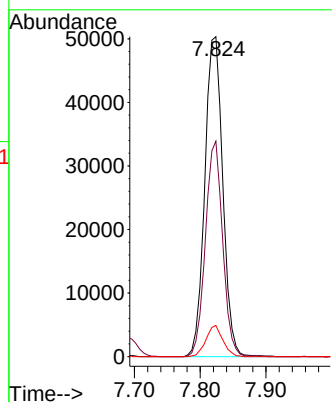
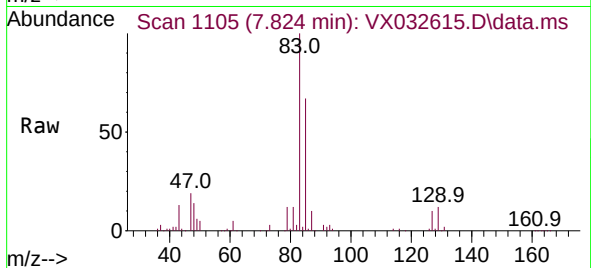
#47
Bromodichloromethane
Concen: 56.425 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 95630
Ion Ratio Lower Upper
83 100
85 67.3 52.2 78.4
127 9.7 7.4 11.2

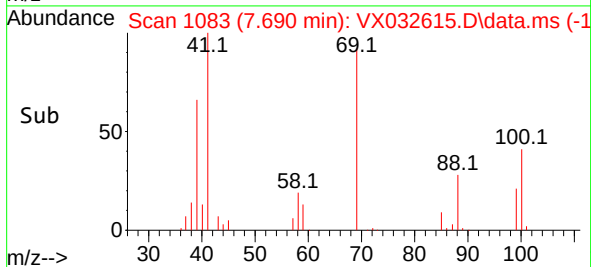
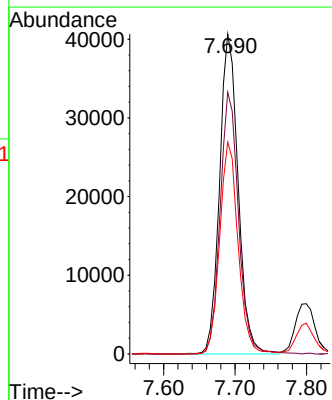
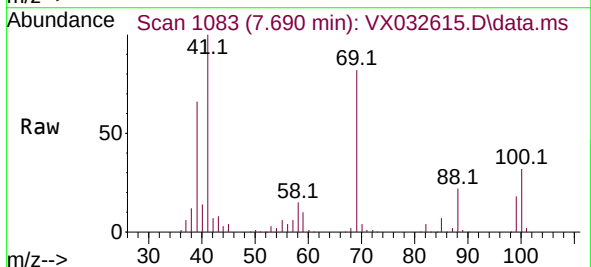
Manual Integrations
APPROVED

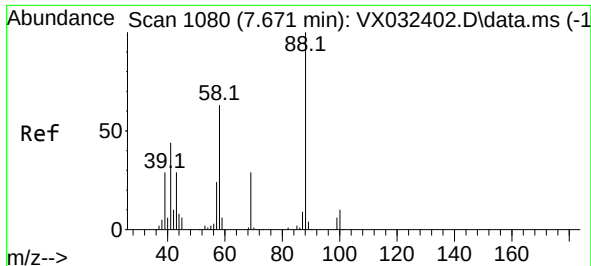
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#48
Methyl methacrylate
Concen: 55.175 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Tgt Ion: 41 Resp: 73103
Ion Ratio Lower Upper
41 100
69 81.2 65.1 97.7
39 65.6 51.9 77.9





#49

1,4-Dioxane

Concen: 994.348 ug/l

RT: 7.684 min Scan# 1080

Delta R.T. 0.012 min

Lab File: VX032615.D

Acq: 07 Nov 2022 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

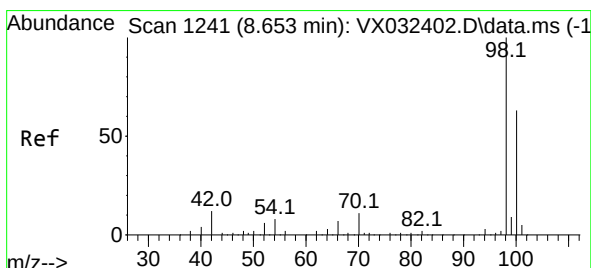
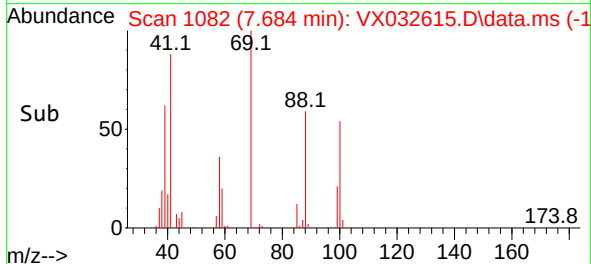
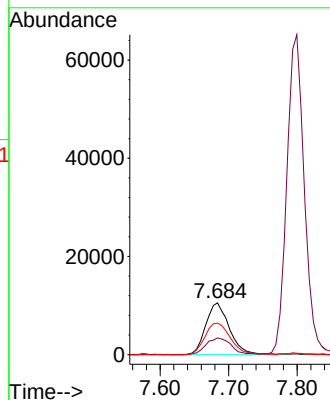
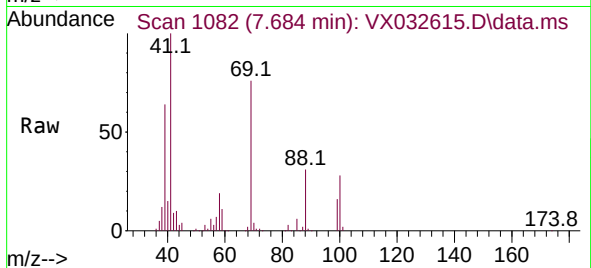
Tgt Ion: 88	Resp: 25107
Ion Ratio	Lower Upper
88 100	
43 34.6	26.6 39.8
58 65.8	51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#50

Toluene-d8

Concen: 51.615 ug/l

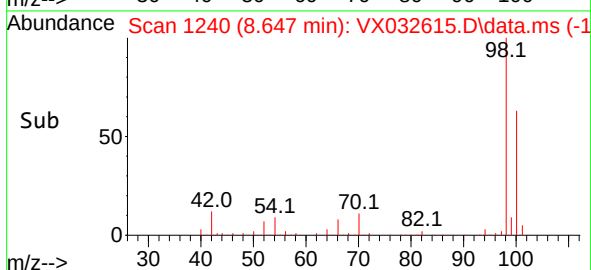
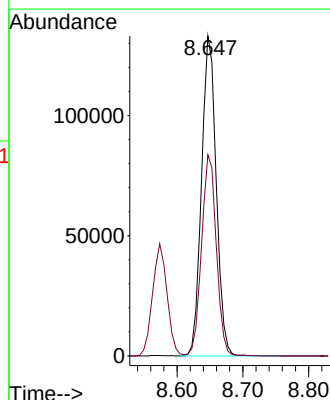
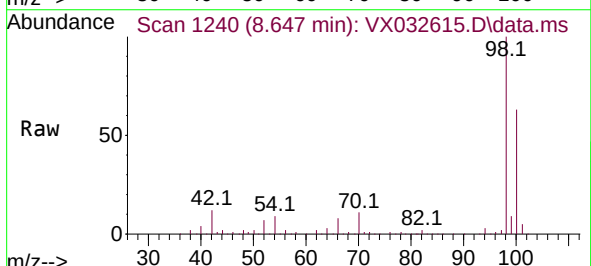
RT: 8.647 min Scan# 1240

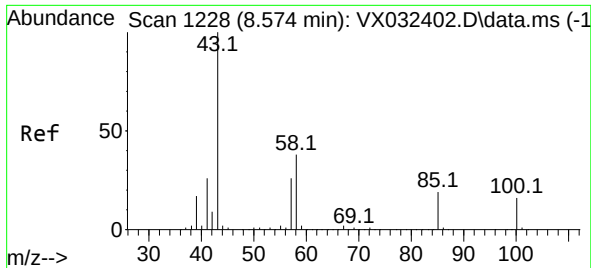
Delta R.T. -0.006 min

Lab File: VX032615.D

Acq: 07 Nov 2022 10:26

Tgt Ion: 98	Resp: 206877
Ion Ratio	Lower Upper
98 100	
100 63.2	50.9 76.3





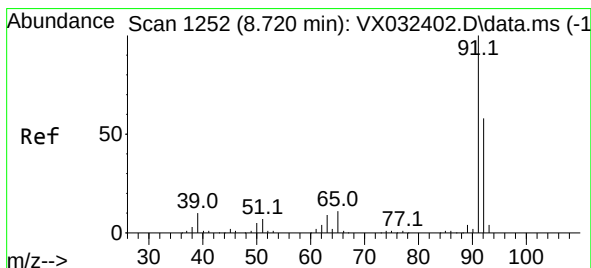
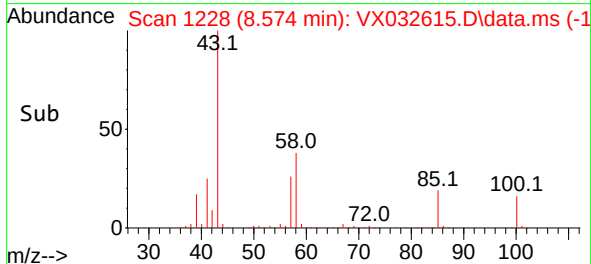
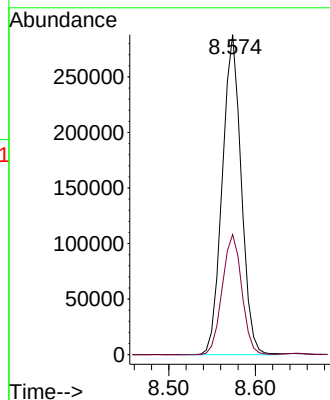
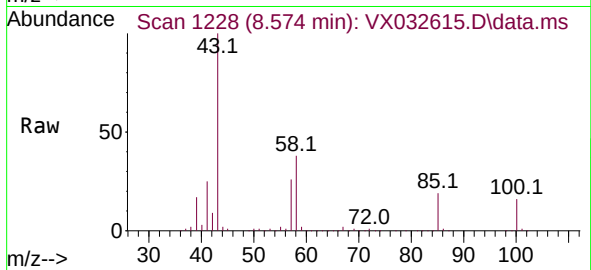
#51
4-Methyl-2-Pentanone
Concen: 272.383 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 440136
Ion Ratio Lower Upper
43 100
58 38.6 30.9 46.3

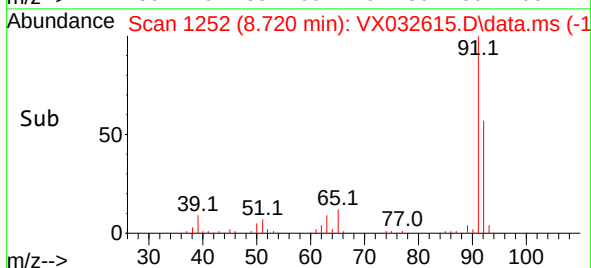
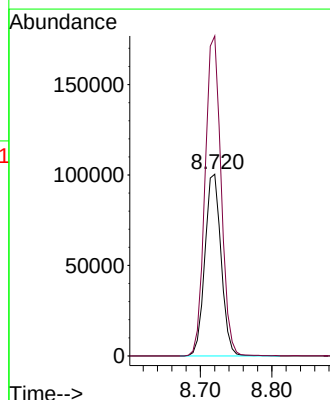
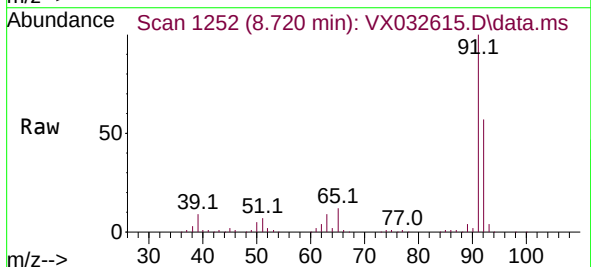
Manual Integrations
APPROVED

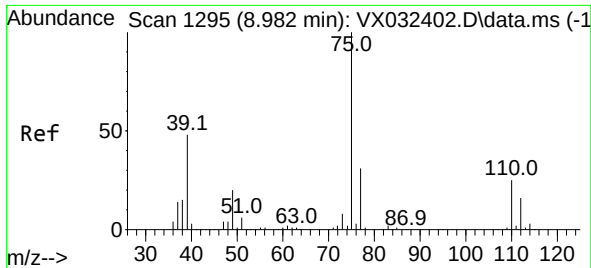
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#52
Toluene
Concen: 53.192 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

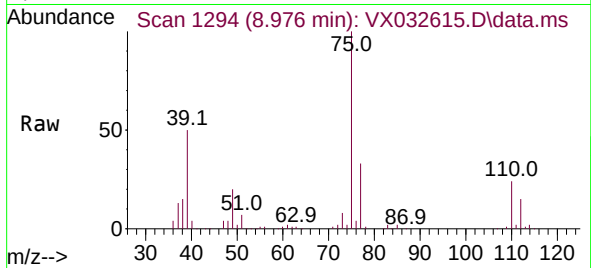
Tgt Ion: 92 Resp: 157636
Ion Ratio Lower Upper
92 100
91 174.9 138.3 207.5





#53
t-1,3-Dichloropropene
Concen: 60.226 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

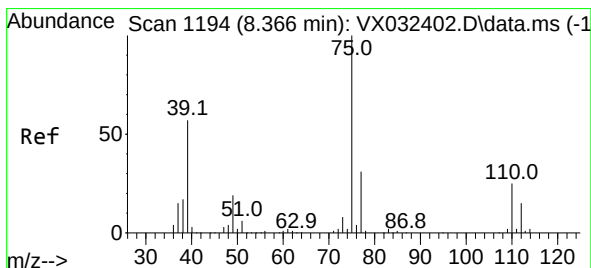
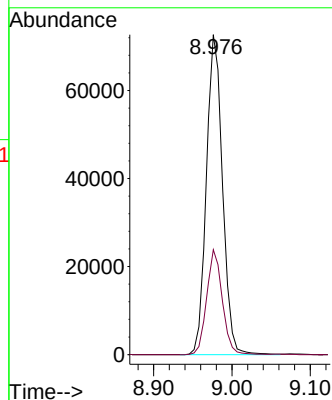
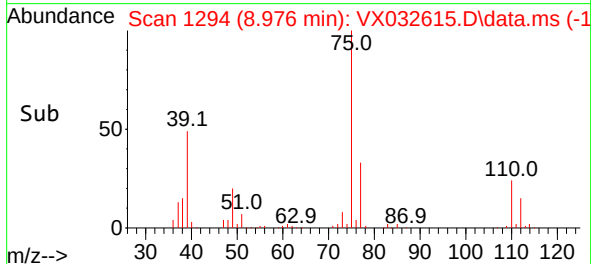
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 104144
Ion Ratio Lower Upper
75 100
77 32.8 25.1 37.7

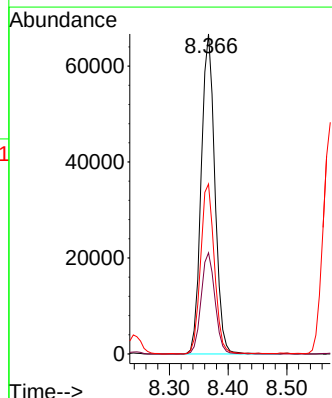
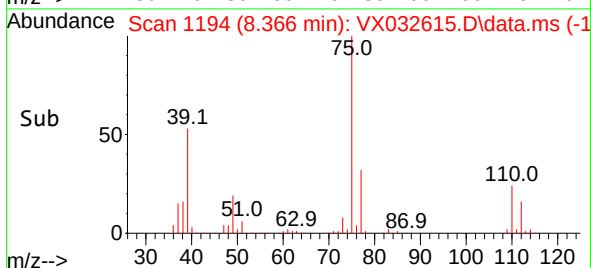
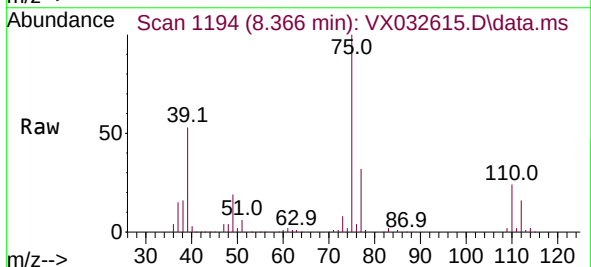
Manual Integrations
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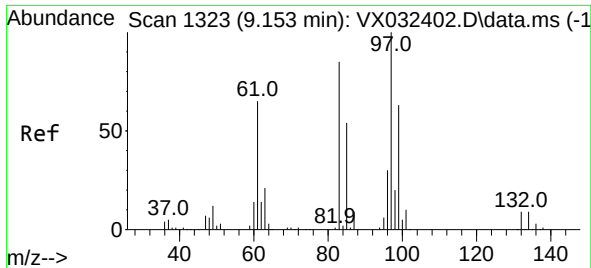
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#54
cis-1,3-Dichloropropene
Concen: 57.997 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

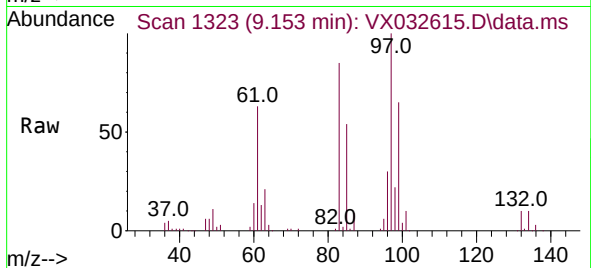
Tgt Ion: 75 Resp: 107267
Ion Ratio Lower Upper
75 100
77 31.6 25.1 37.7
39 53.0 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 54.586 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

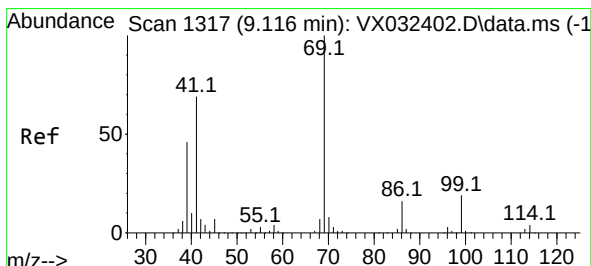
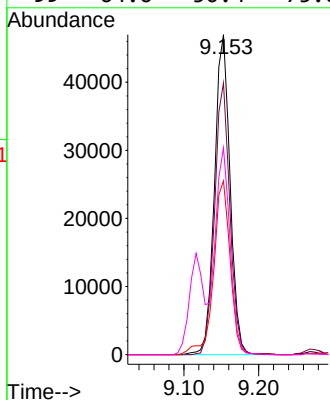
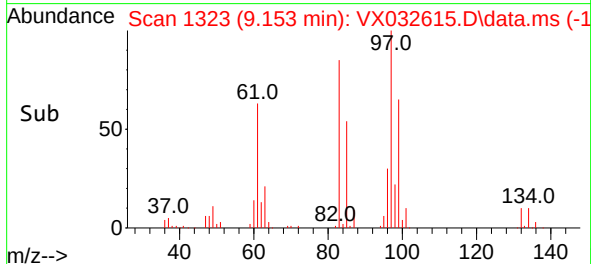
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



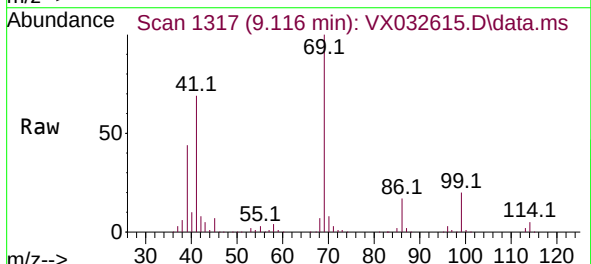
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.1	102.1
85	54.3	43.3	64.9
99	64.6	50.4	75.6

Manual Integrations
APPROVED

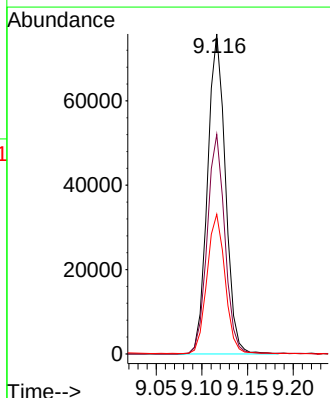
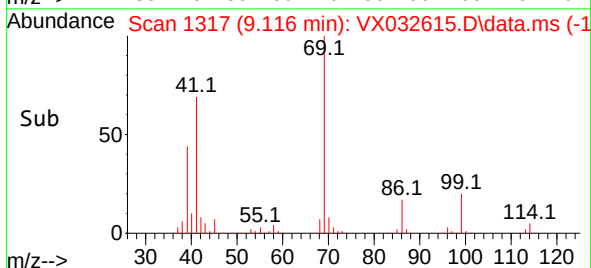
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

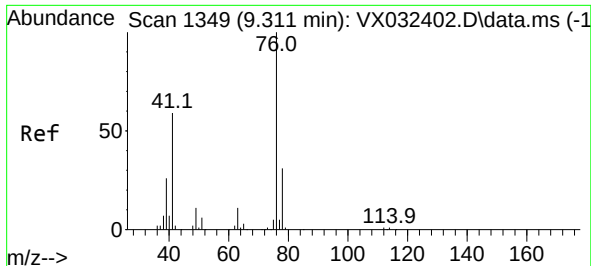


#56
Ethyl methacrylate
Concen: 57.580 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.8	54.3	81.5
39	44.1	35.2	52.8





#57

1,3-Dichloropropane

Concen: 54.420 ug/l

RT: 9.305 min Scan# 1349

Delta R.T. -0.006 min

Lab File: VX032615.D

Acq: 07 Nov 2022 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 109684

Ion Ratio Lower Upper

76 100

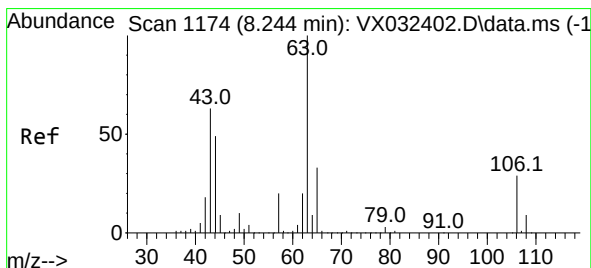
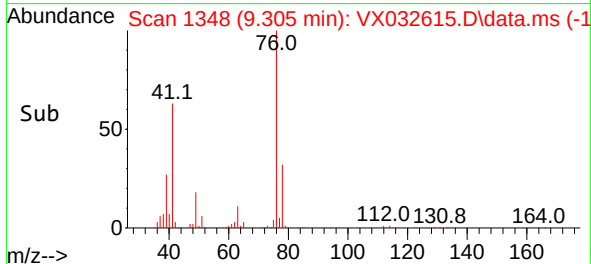
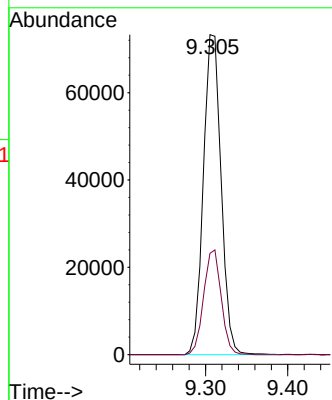
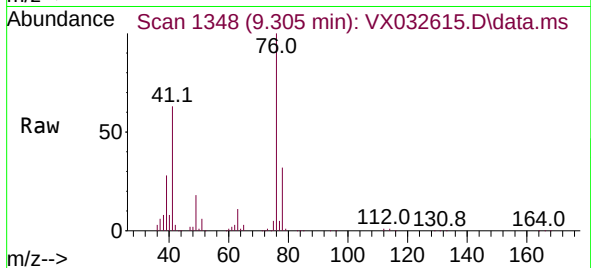
78 32.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#58

2-Chloroethyl Vinyl ether

Concen: 285.348 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX032615.D

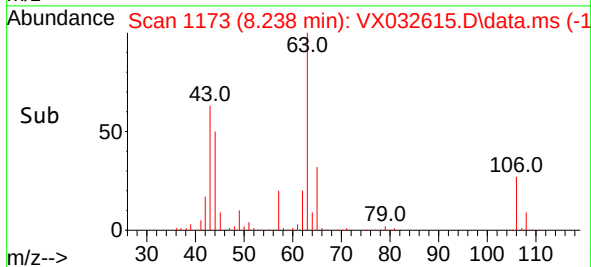
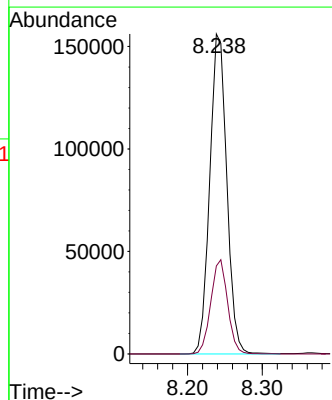
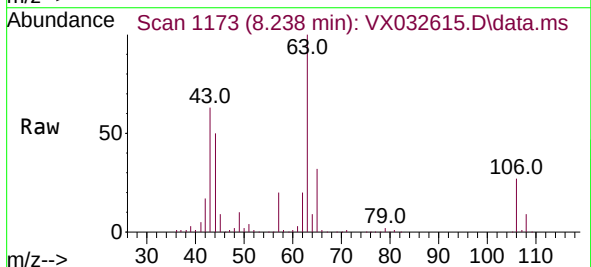
Acq: 07 Nov 2022 10:26

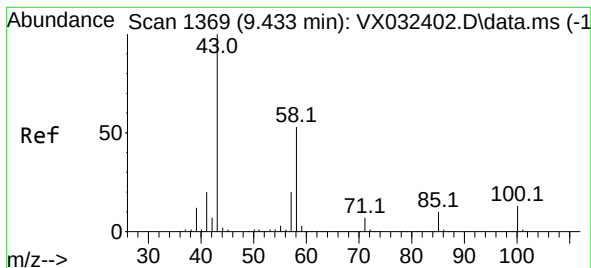
Tgt Ion: 63 Resp: 246775

Ion Ratio Lower Upper

63 100

106 29.0 23.3 34.9





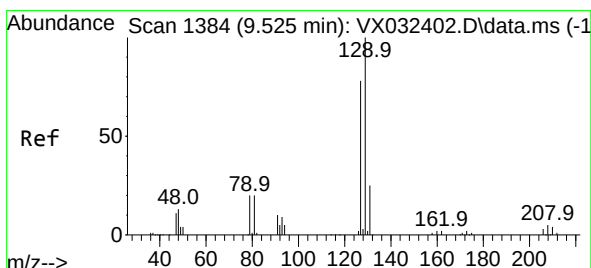
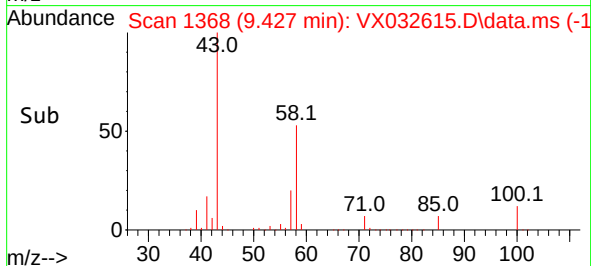
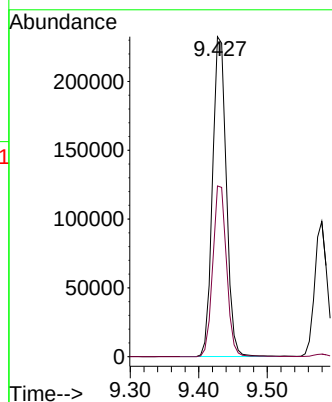
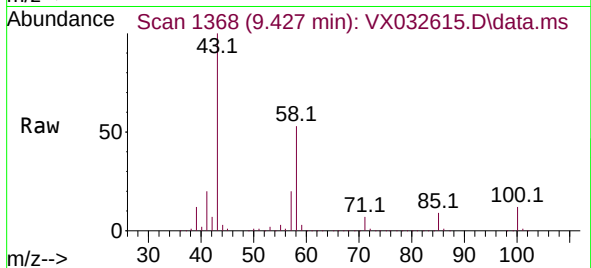
#59
2-Hexanone
Concen: 271.709 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 325778
Ion Ratio Lower Upper
43 100
58 53.2 26.5 79.5

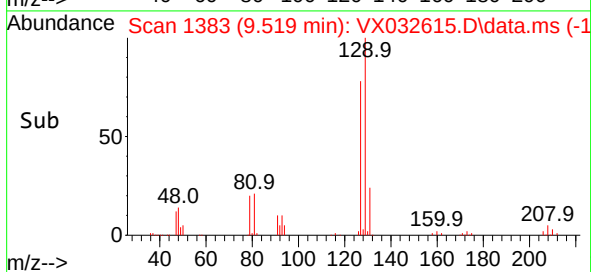
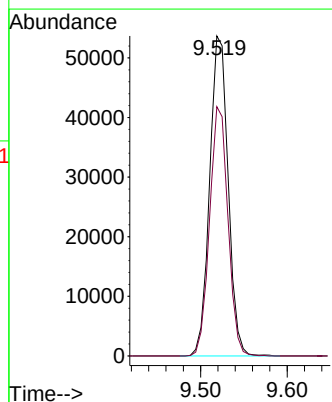
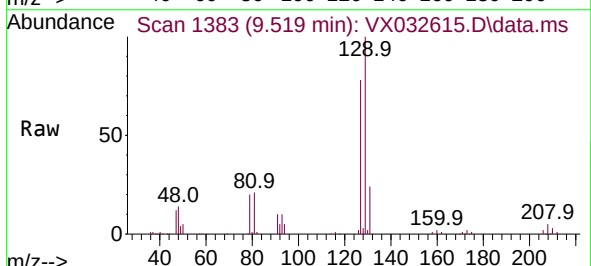
Manual Integrations
APPROVED

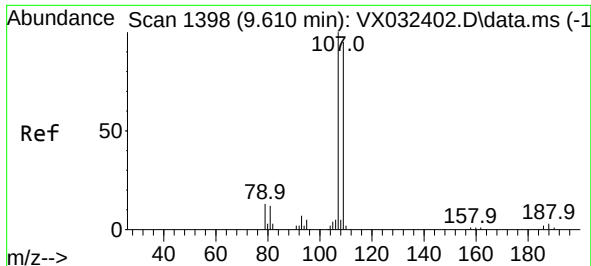
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#60
Dibromochloromethane
Concen: 58.250 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Tgt Ion:129 Resp: 79407
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





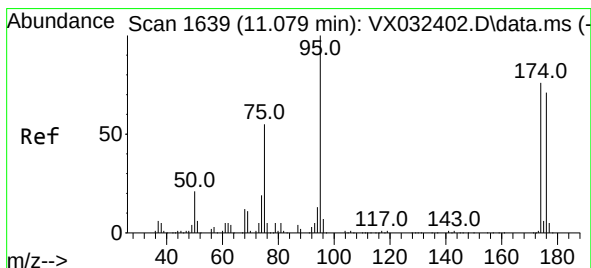
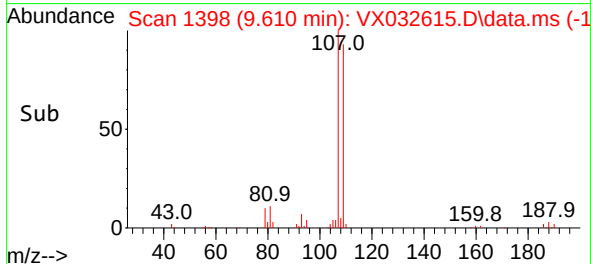
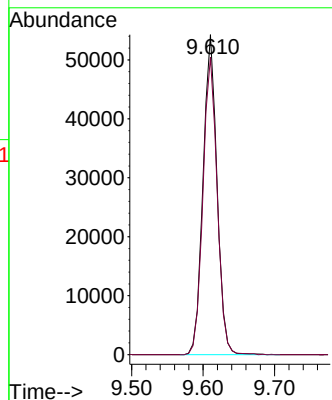
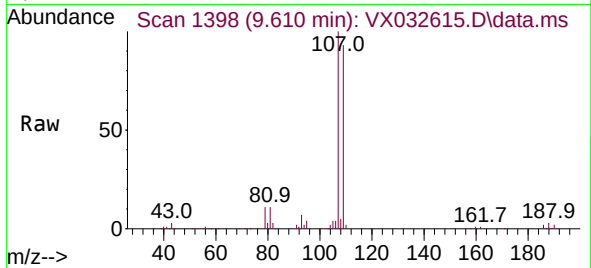
#61
1,2-Dibromoethane
Concen: 55.528 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 73432
Ion Ratio Lower Upper
107 100
109 94.8 76.0 114.0

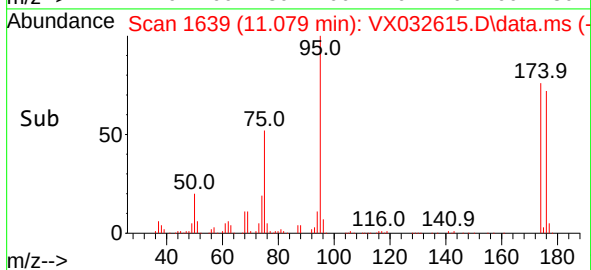
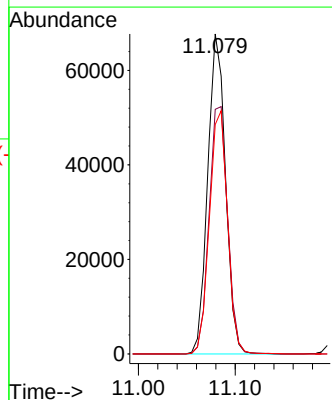
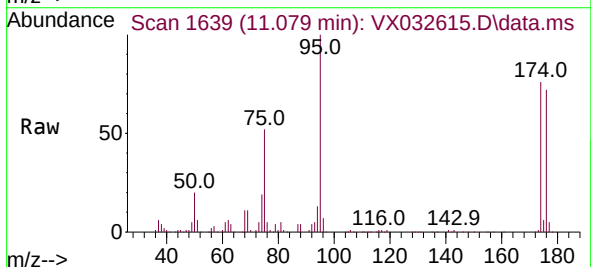
Manual Integrations
APPROVED

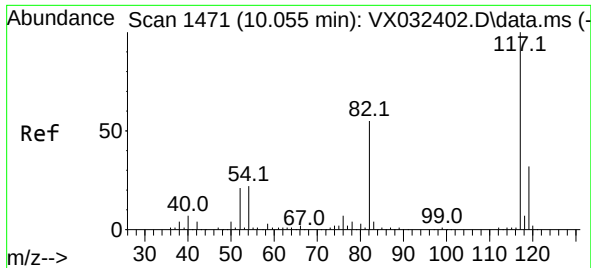
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#62
4-Bromofluorobenzene
Concen: 55.168 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

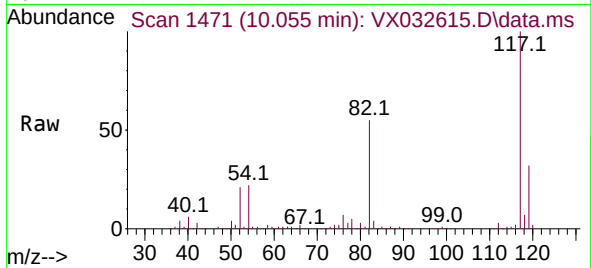
Tgt Ion: 95 Resp: 86374
Ion Ratio Lower Upper
95 100
174 80.7 0.0 164.0
176 77.6 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

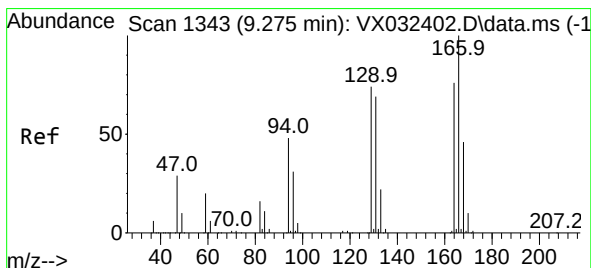
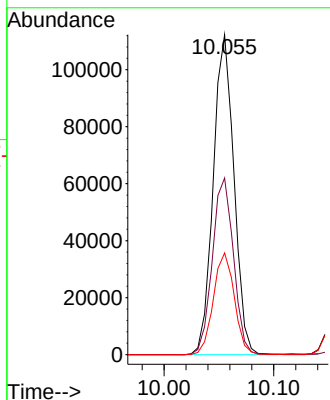
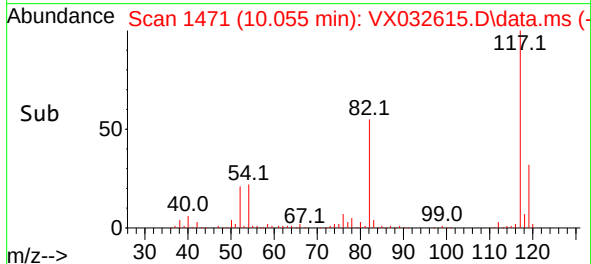
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 147286
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 31.8 25.7 38.5

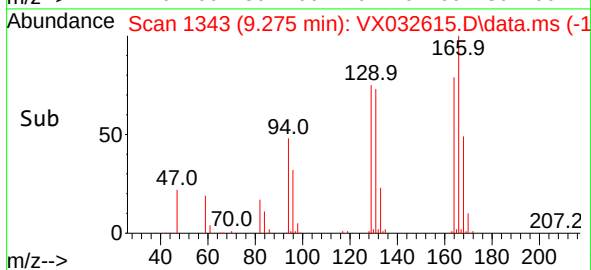
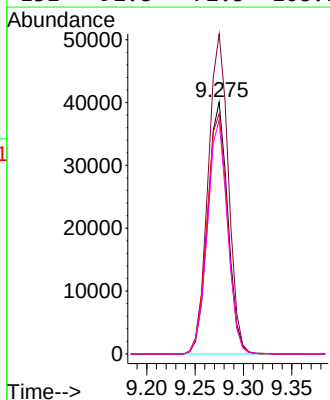
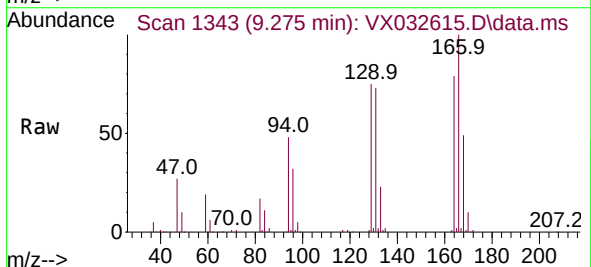
Manual Integrations
APPROVED

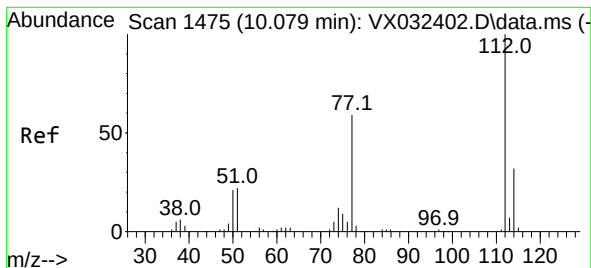
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#64
Tetrachloroethene
Concen: 53.198 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Tgt Ion:164 Resp: 57349
Ion Ratio Lower Upper
164 100
166 127.1 105.4 158.2
129 95.3 78.2 117.2
131 92.8 72.5 108.7





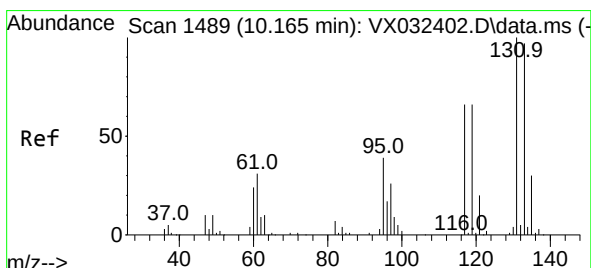
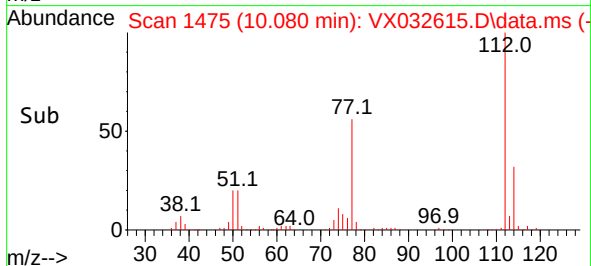
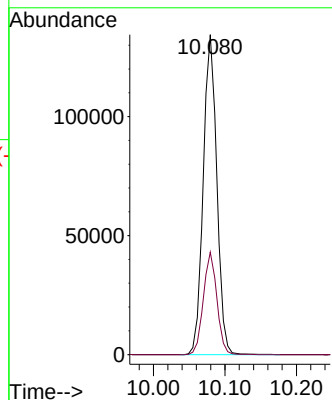
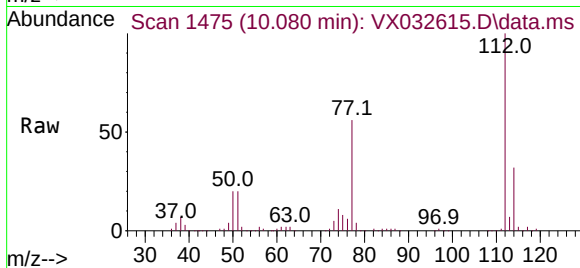
#65
Chlorobenzene
Concen: 53.651 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 177010
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2

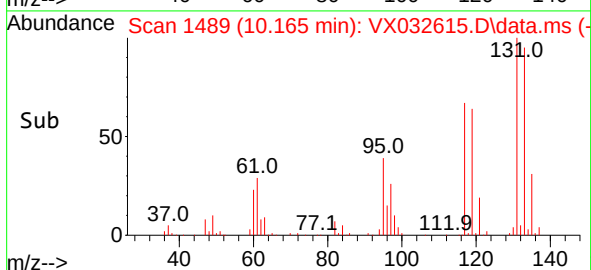
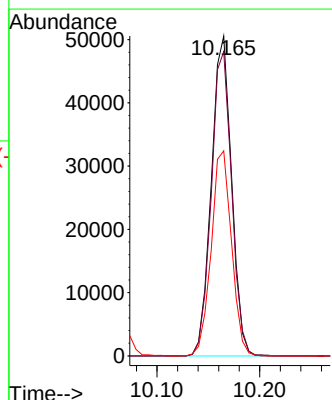
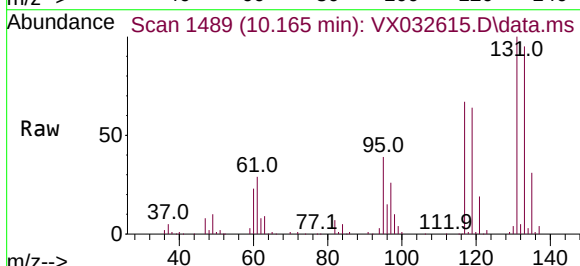
Manual Integrations
APPROVED

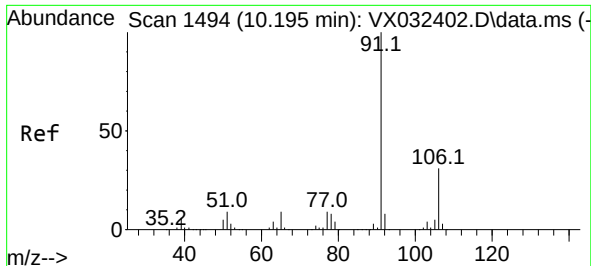
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 55.701 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

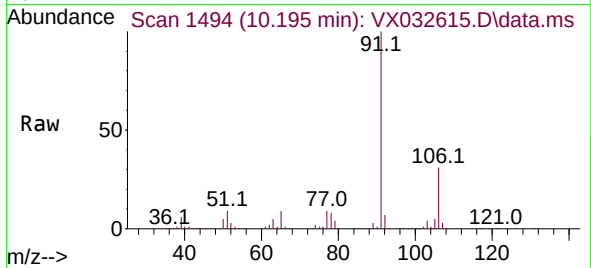
Tgt Ion:131 Resp: 69165
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.9
119 64.5 32.4 97.0





#67
Ethyl Benzene
Concen: 54.041 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

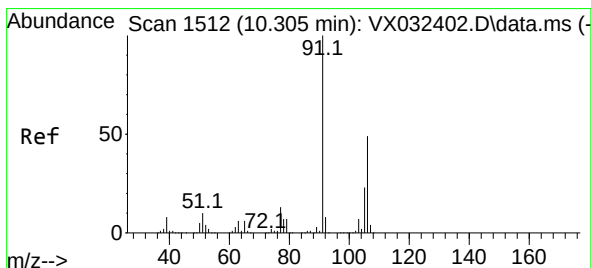
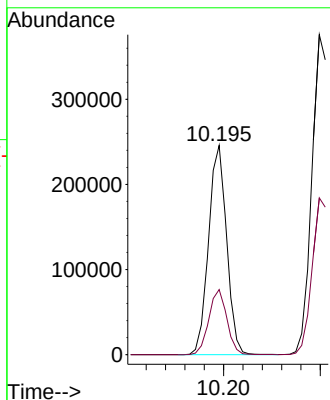
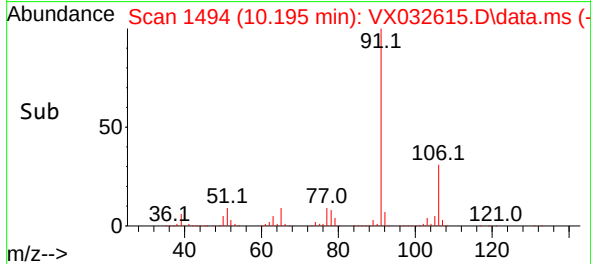
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



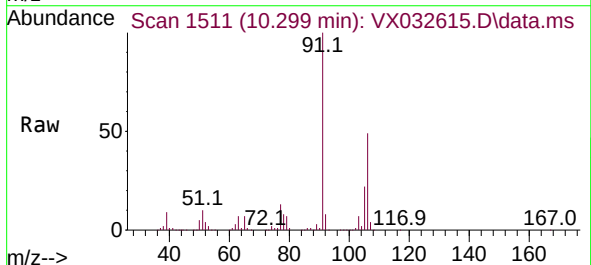
Tgt Ion: 91 Resp: 318835
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

Manual Integrations
APPROVED

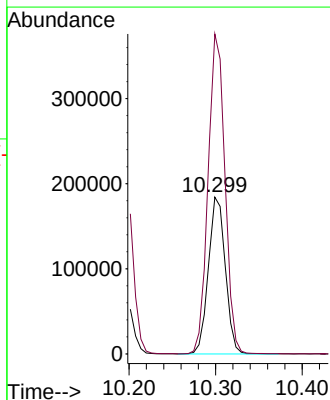
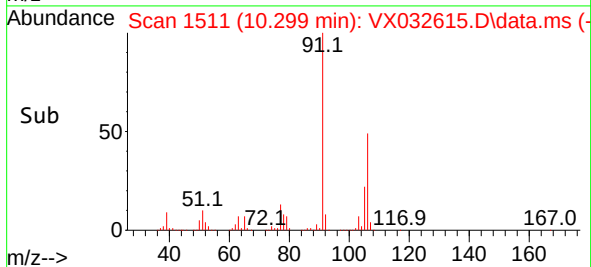
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

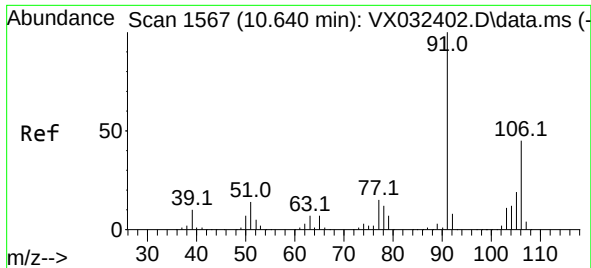


#68
m/p-Xylenes
Concen: 109.036 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26



Tgt Ion:106 Resp: 249799
Ion Ratio Lower Upper
106 100
91 203.8 164.5 246.7





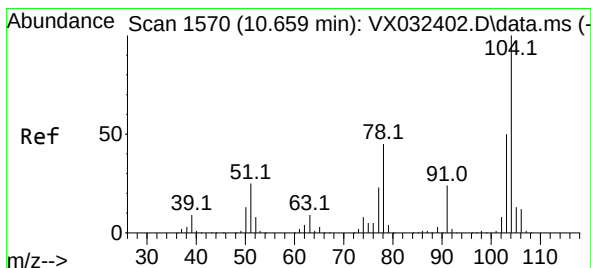
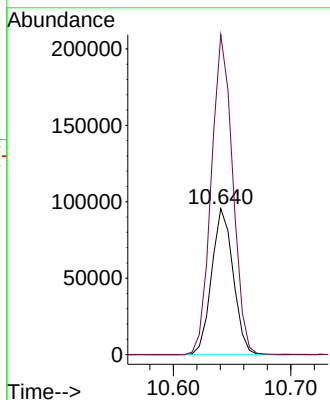
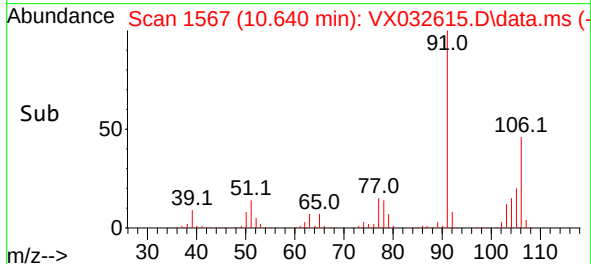
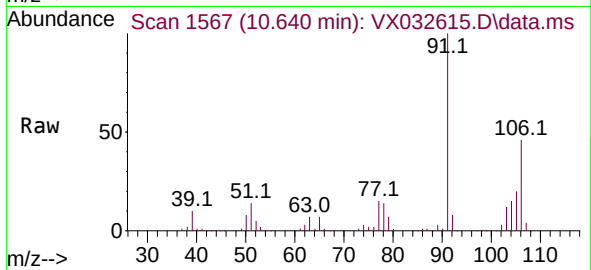
#69
o-Xylene
Concen: 54.600 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 121618
Ion Ratio Lower Upper
106 100
91 218.5 109.2 327.6

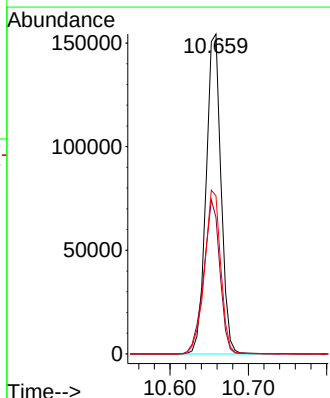
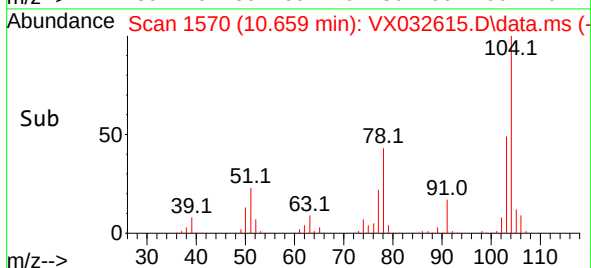
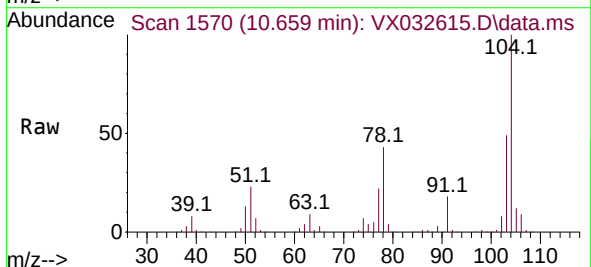
Manual Integrations
APPROVED

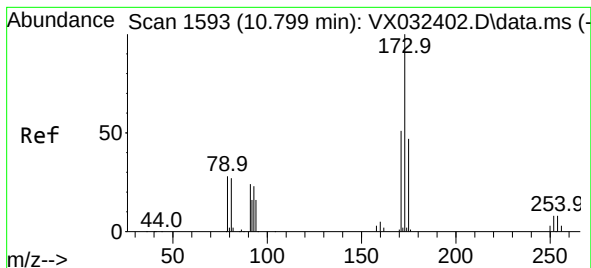
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#70
Styrene
Concen: 55.412 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

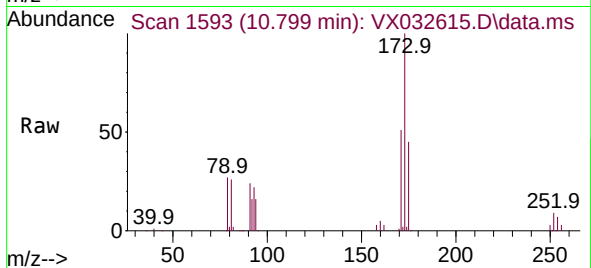
Tgt Ion:104 Resp: 205128
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.8
103 55.5 44.5 66.7





#71
Bromoform
Concen: 59.799 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

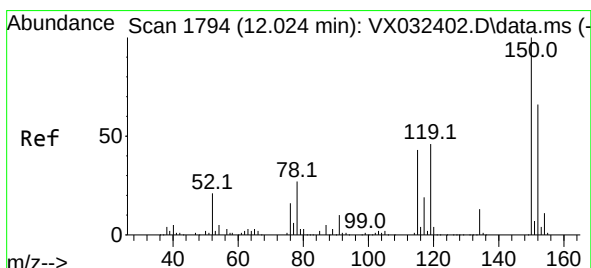
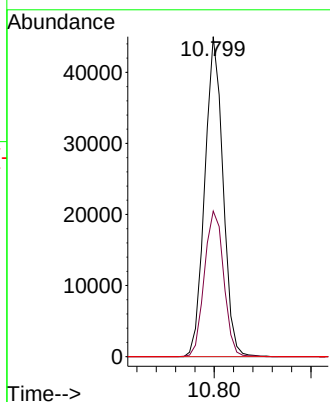
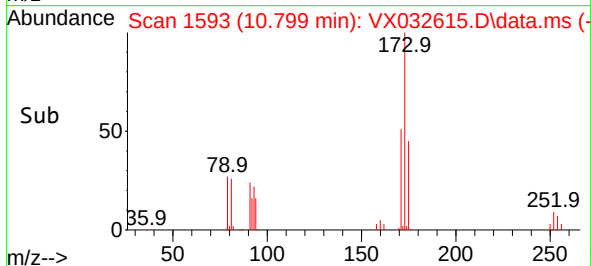
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 58708
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.8
254 0.0 0.0 0.0

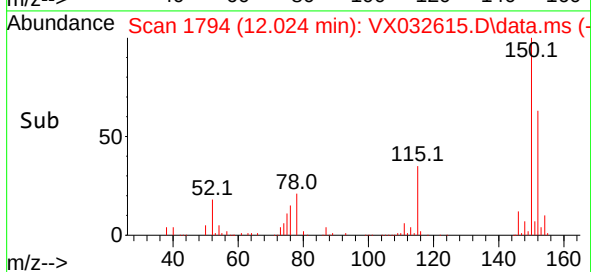
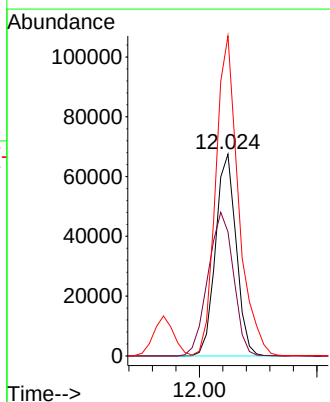
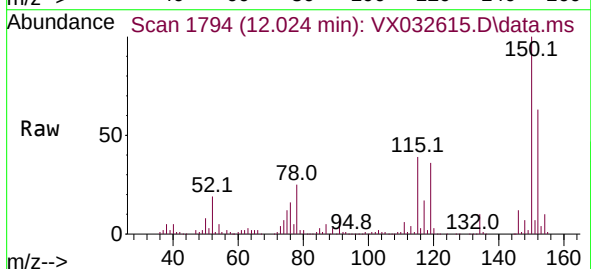
Manual Integrations
APPROVED

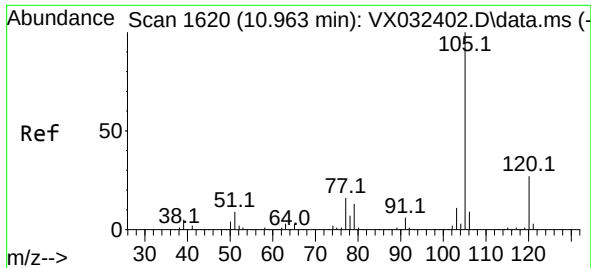
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Tgt Ion:152 Resp: 82199
Ion Ratio Lower Upper
152 100
115 88.1 44.0 132.0
150 174.9 0.0 351.8





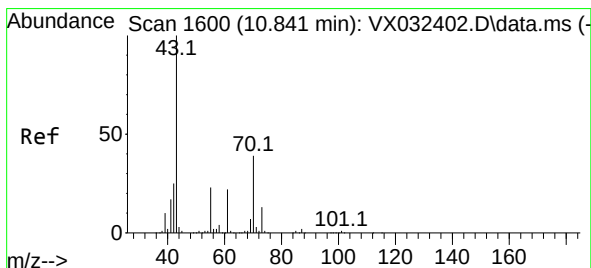
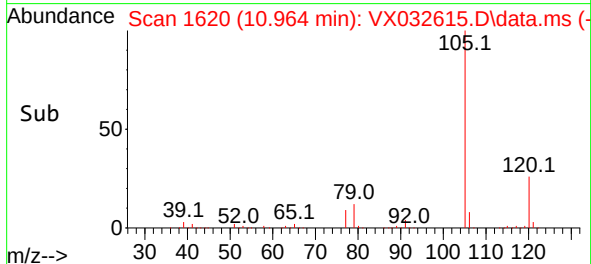
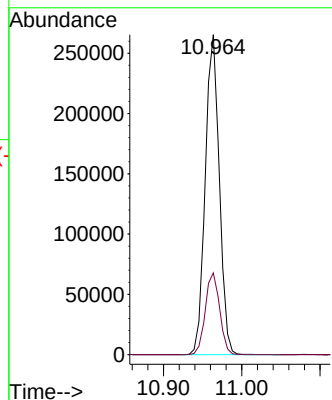
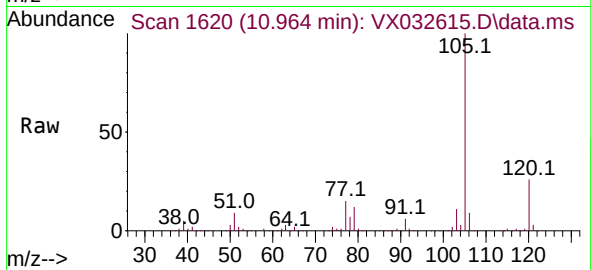
#73
Isopropylbenzene
Concen: 50.897 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 33152
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.3

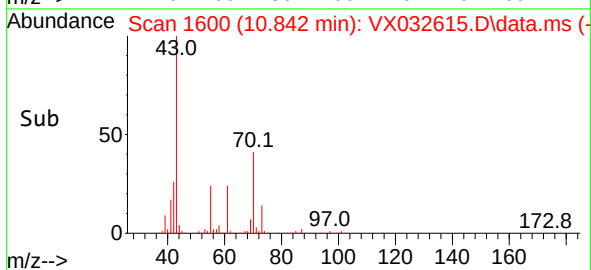
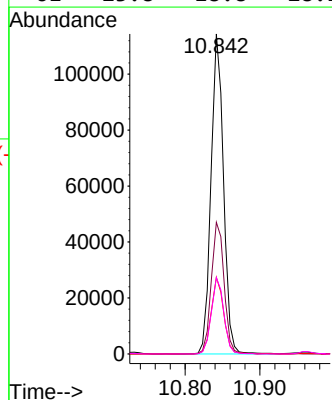
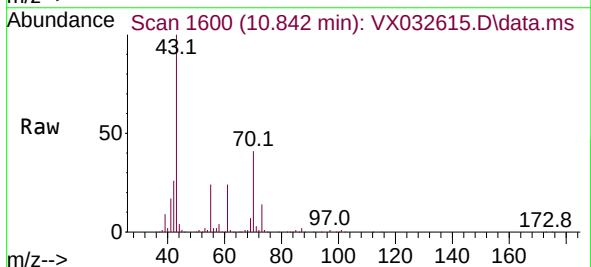
Manual Integrations
APPROVED

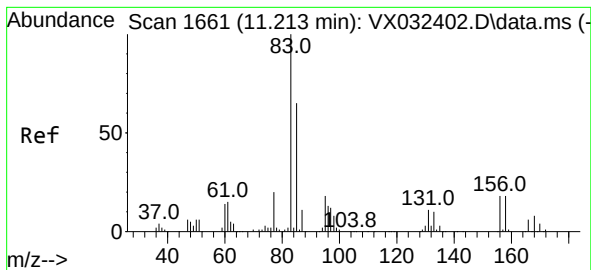
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#74
N-ethyl acetate
Concen: 53.888 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Tgt Ion: 43 Resp: 132623
Ion Ratio Lower Upper
43 100
70 42.2 33.6 50.4
55 23.9 19.4 29.2
61 23.8 18.8 28.2





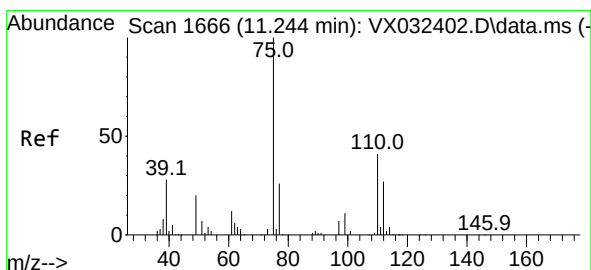
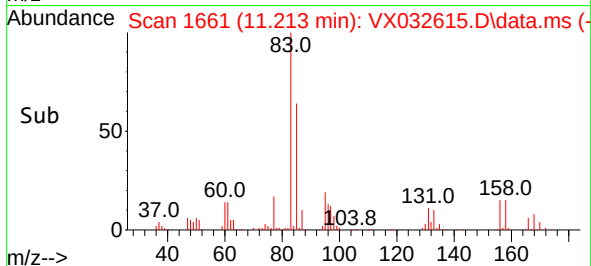
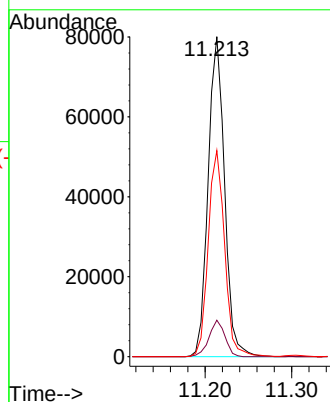
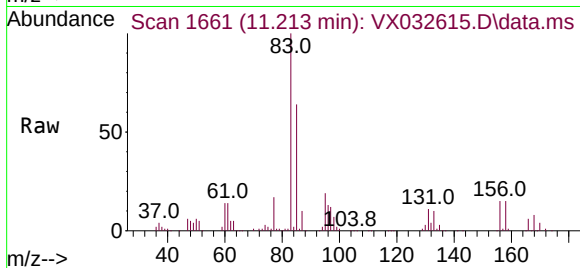
#75
1,1,2,2-Tetrachloroethane
Concen: 50.540 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 105662
Ion Ratio Lower Upper
83 100
131 11.0 5.4 16.2
85 64.3 31.9 95.9

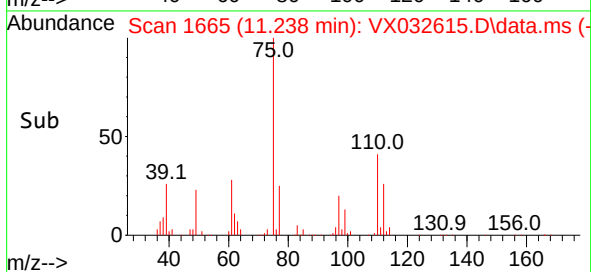
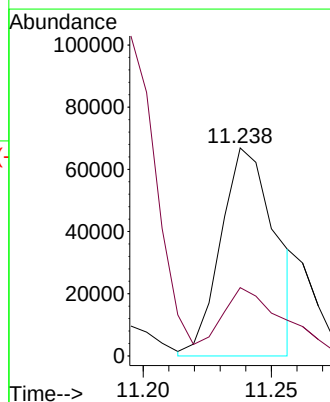
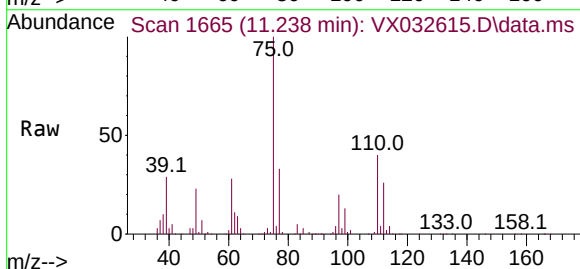
Manual Integrations
APPROVED

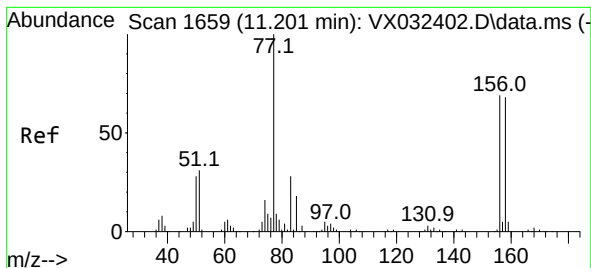
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#76
1,2,3-Trichloropropane
Concen: 54.051 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Tgt Ion: 75 Resp: 98845
Ion Ratio Lower Upper
75 100
77 38.4 20.0 60.0





#77

Bromobenzene

Concen: 51.052 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX032615.D

Acq: 07 Nov 2022 10:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

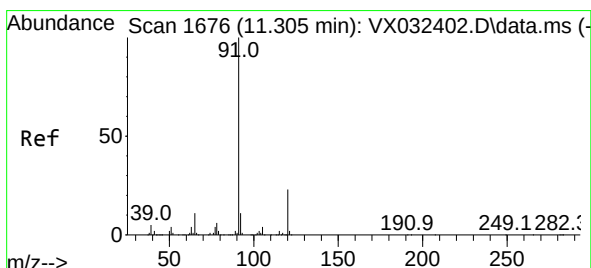
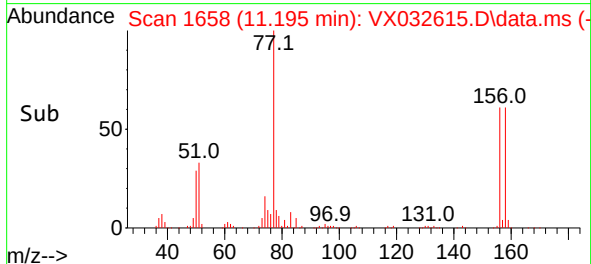
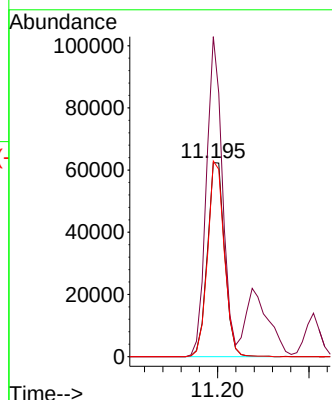
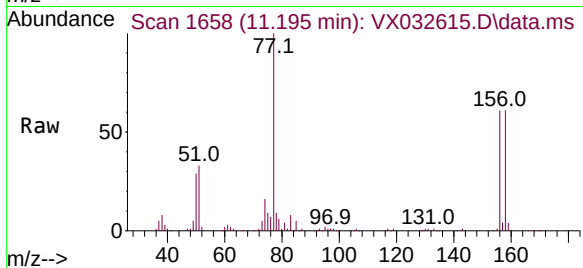
Tgt Ion:	156	Resp:	81524
Ion Ratio	Lower	Upper	
156	100		
77	153.8	76.1	228.4
158	98.1	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#78

n-propylbenzene

Concen: 50.772 ug/l

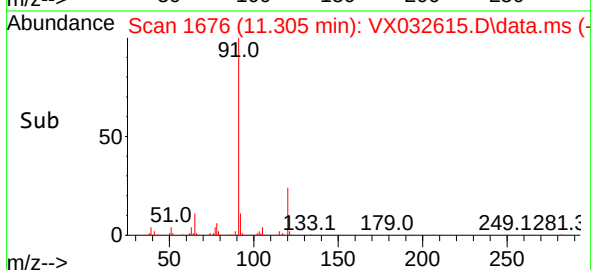
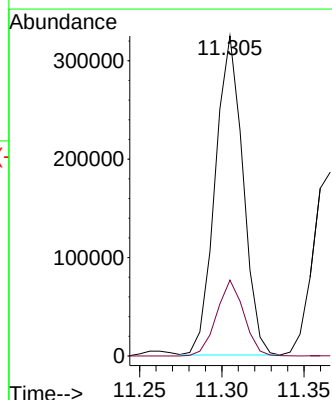
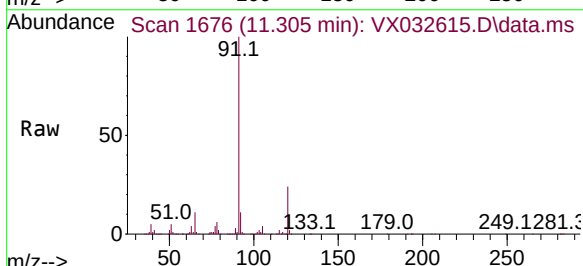
RT: 11.305 min Scan# 1676

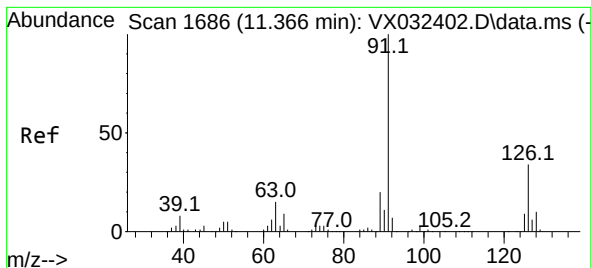
Delta R.T. 0.000 min

Lab File: VX032615.D

Acq: 07 Nov 2022 10:26

Tgt Ion:	91	Resp:	381018
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.6	34.8





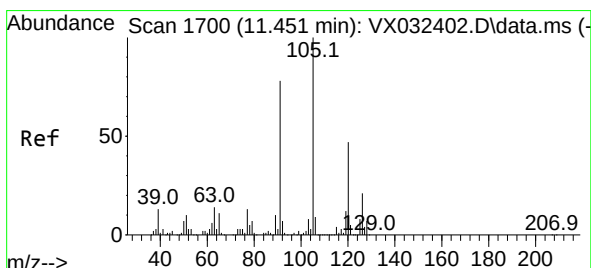
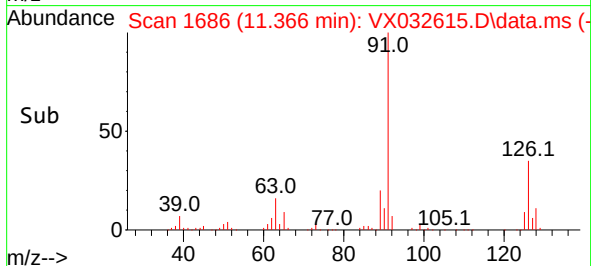
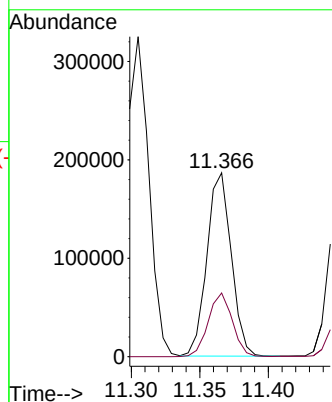
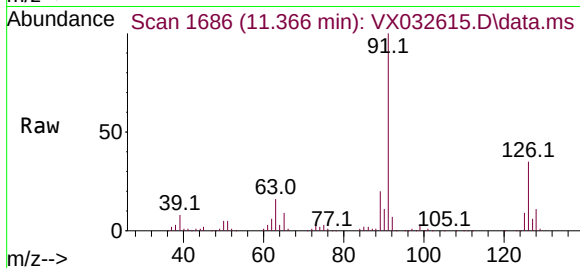
#79
2-Chlorotoluene
Concen: 51.253 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 230347
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2

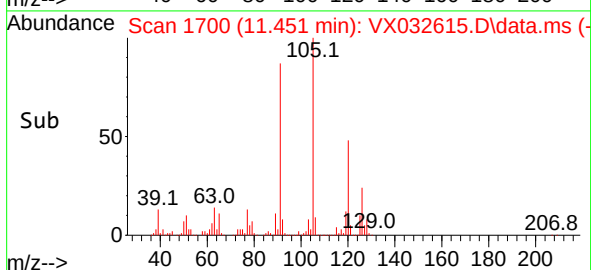
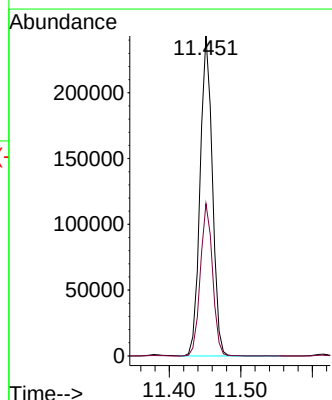
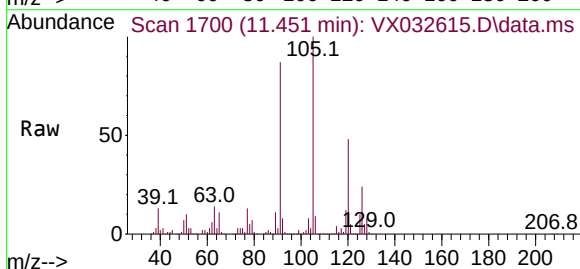
Manual Integrations
APPROVED

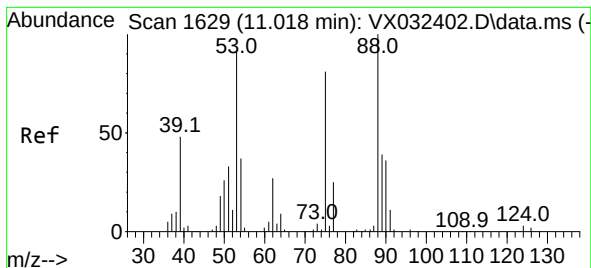
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.991 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Tgt Ion:105 Resp: 289432
Ion Ratio Lower Upper
105 100
120 47.2 23.6 71.0





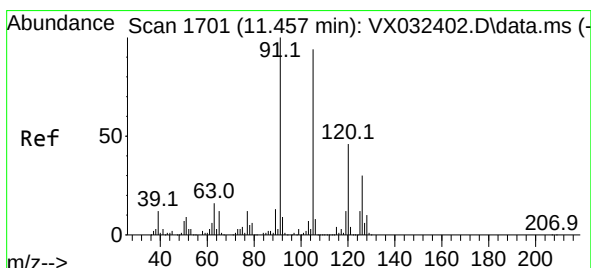
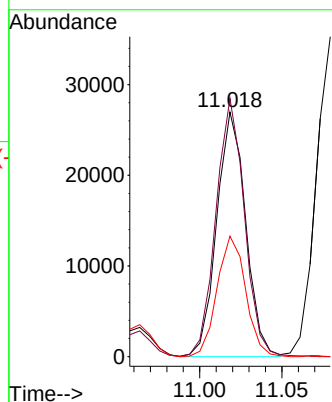
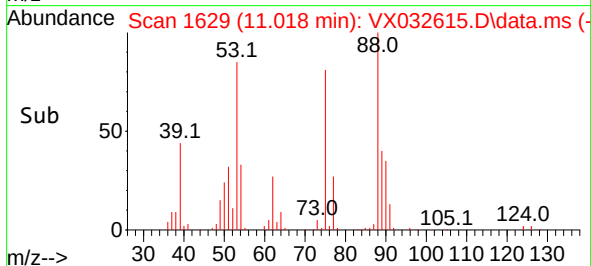
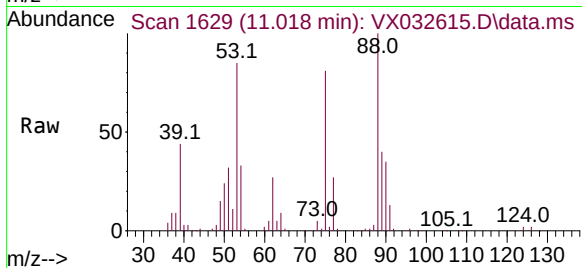
#81
trans-1,4-Dichloro-2-butene
Concen: 57.412 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 32995
Ion Ratio Lower Upper
75 100
53 103.9 86.9 130.3
89 48.5 38.3 57.5

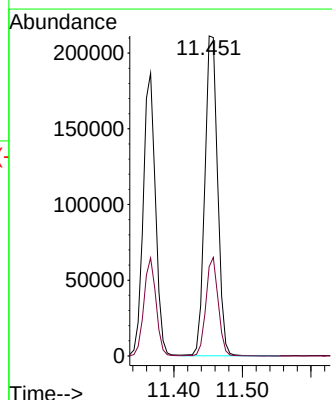
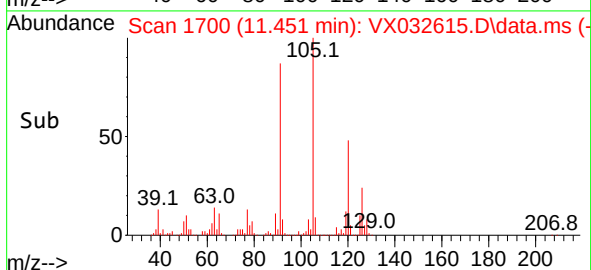
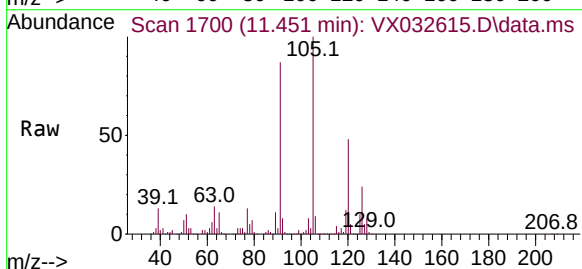
Manual Integrations
APPROVED

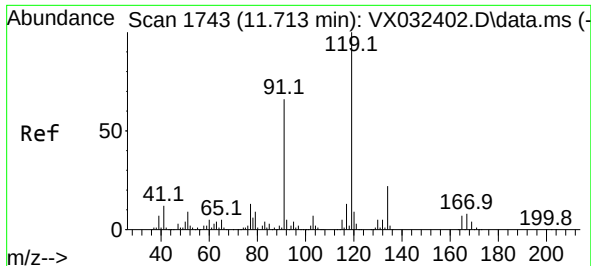
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#82
4-Chlorotoluene
Concen: 51.860 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

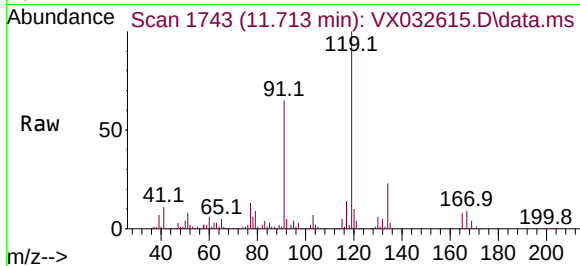
Tgt Ion: 91 Resp: 272727
Ion Ratio Lower Upper
91 100
126 29.6 14.8 44.4





#83
 tert-Butylbenzene
 Concen: 51.344 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX032615.D
 Acq: 07 Nov 2022 10:26

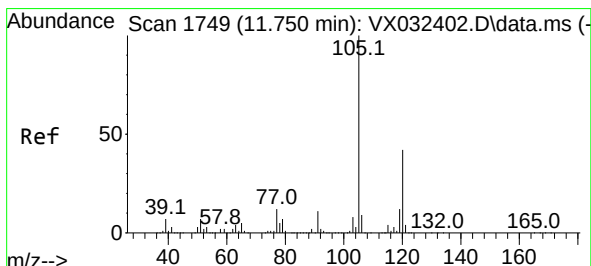
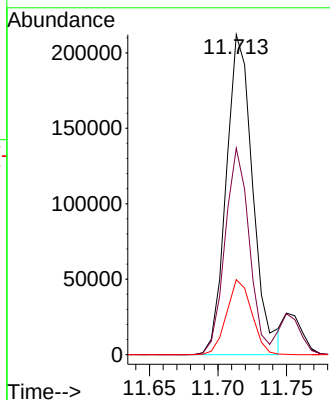
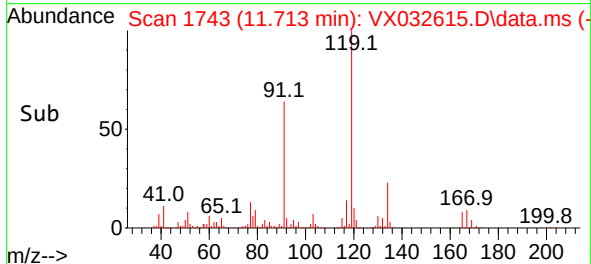
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



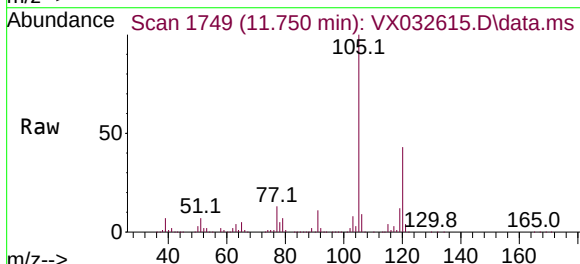
Tgt Ion:119 Resp: 285364
 Ion Ratio Lower Upper
 119 100
 91 59.2 29.4 88.2
 134 22.2 11.0 33.0

Manual Integrations
 APPROVED

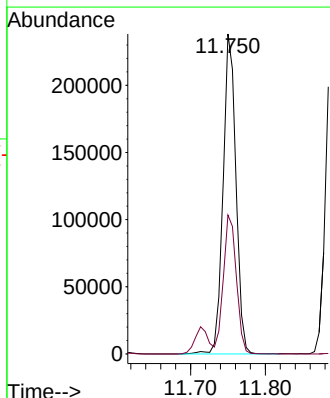
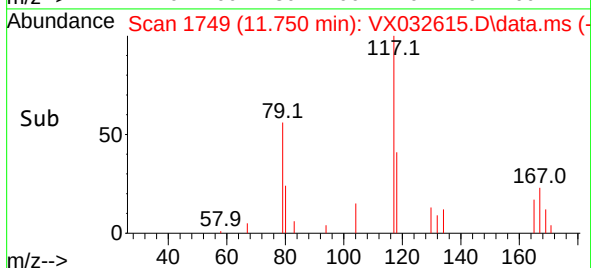
Reviewed By :John Carlone 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022

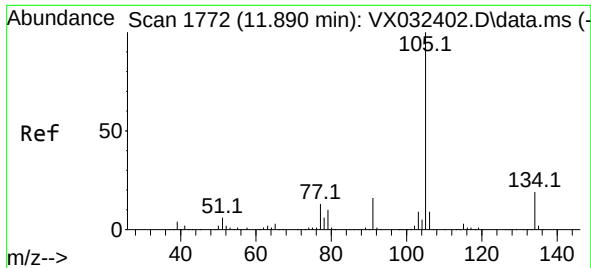


#84
 1,2,4-Trimethylbenzene
 Concen: 51.515 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX032615.D
 Acq: 07 Nov 2022 10:26



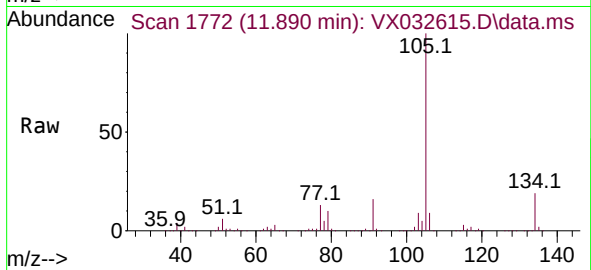
Tgt Ion:105 Resp: 285229
 Ion Ratio Lower Upper
 105 100
 120 43.9 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 51.173 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX032615.D
 Acq: 07 Nov 2022 10:26

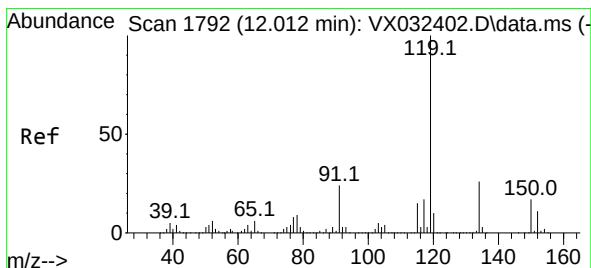
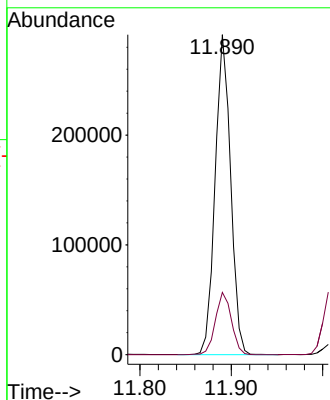
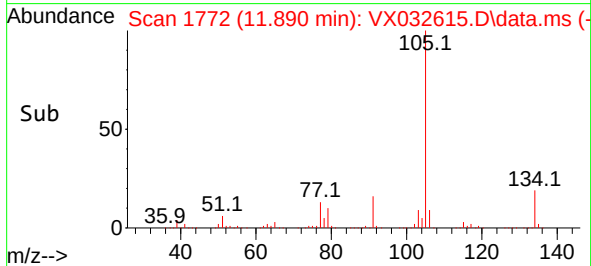
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 342225
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7

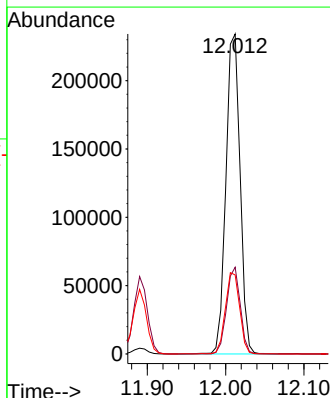
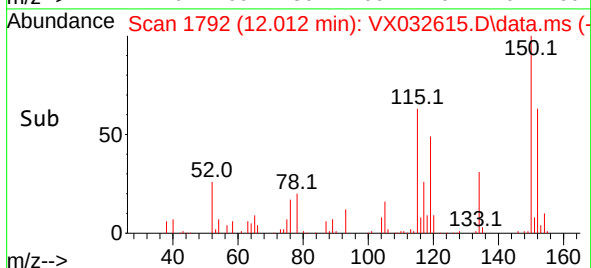
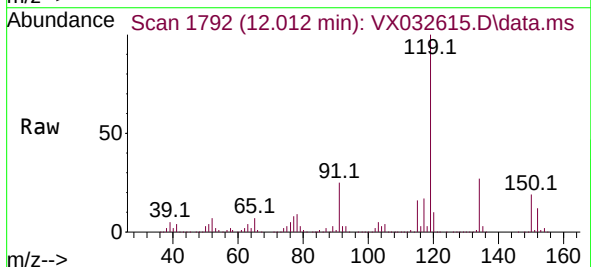
Manual Integrations
 APPROVED

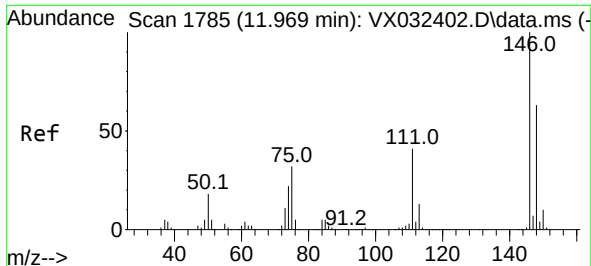
Reviewed By :John Carlone 11/08/2022
 Supervised By :Mahesh Dadoda 11/08/2022



#86
 p-Isopropyltoluene
 Concen: 51.729 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX032615.D
 Acq: 07 Nov 2022 10:26

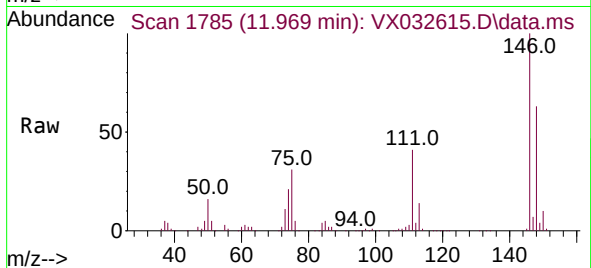
Tgt Ion:119 Resp: 293543
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.7
 91 25.6 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 51.710 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

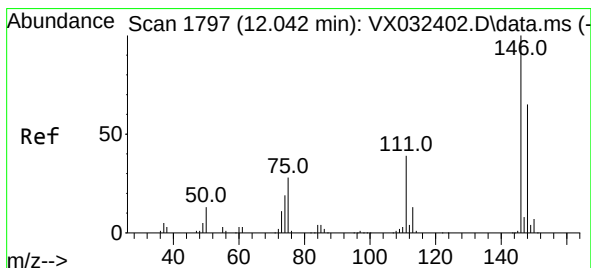
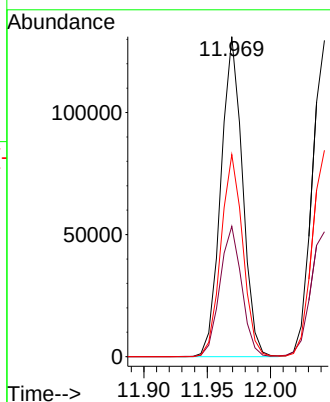
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



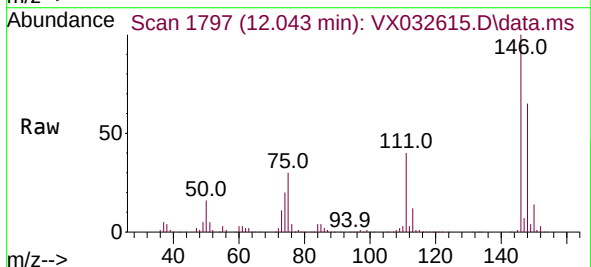
Tgt Ion:146 Resp: 155769
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.8
148 63.8 31.7 95.1

Manual Integrations
APPROVED

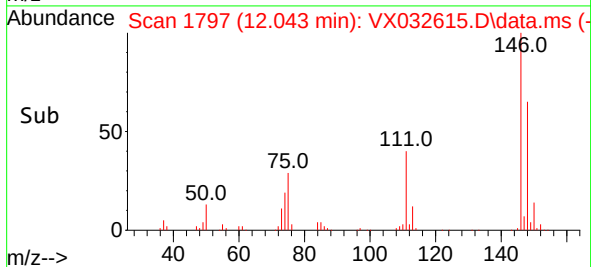
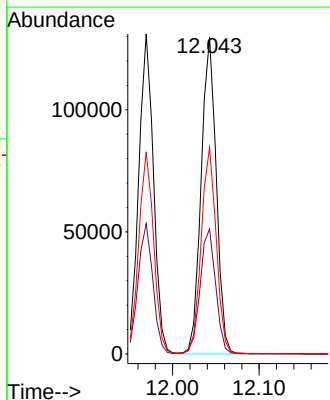
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

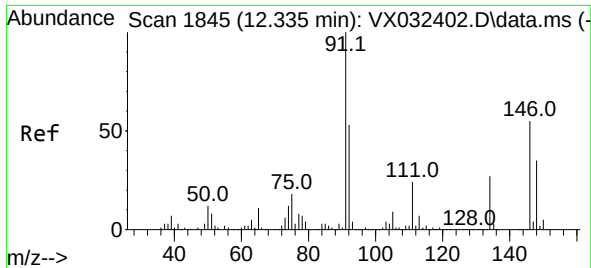


#88
1,4-Dichlorobenzene
Concen: 50.386 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26



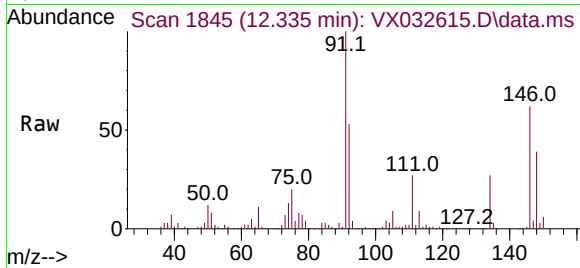
Tgt Ion:146 Resp: 157456
Ion Ratio Lower Upper
146 100
111 40.8 20.5 61.6
148 65.1 32.2 96.6





#89
n-Butylbenzene
Concen: 51.540 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

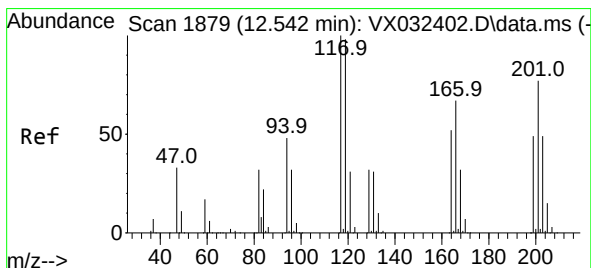
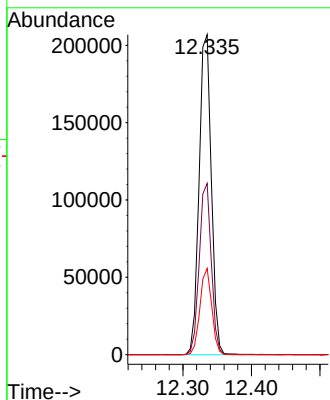
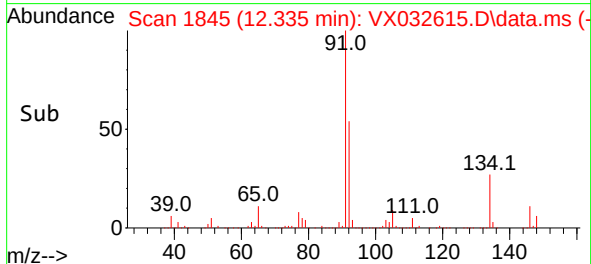
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 254442
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.6
134 26.0 12.9 38.6

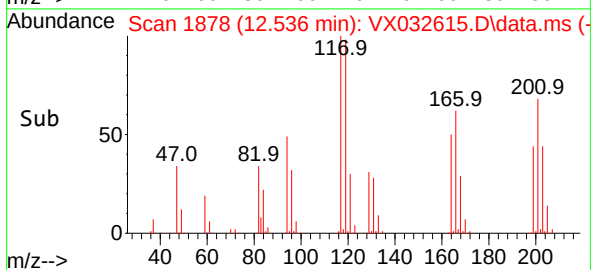
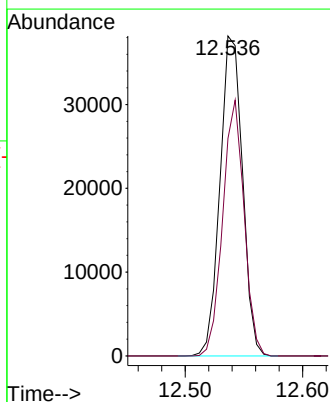
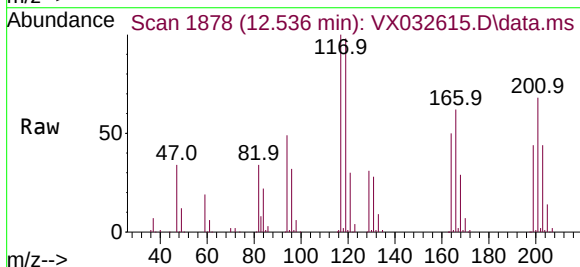
Manual Integrations
APPROVED

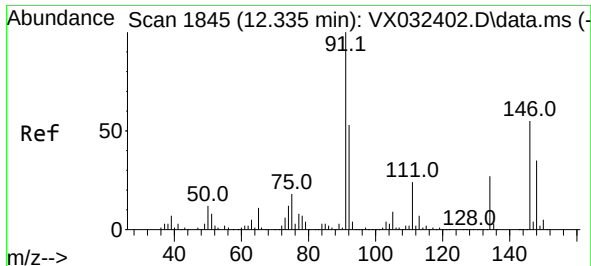
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#90
Hexachloroethane
Concen: 54.703 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

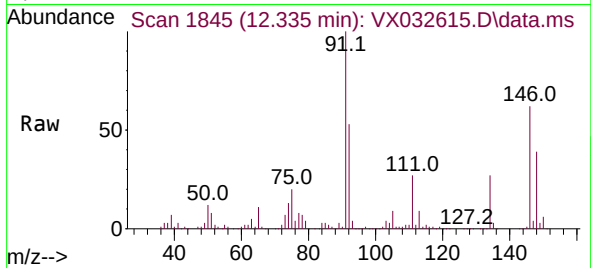
Tgt Ion:117 Resp: 50704
Ion Ratio Lower Upper
117 100
201 75.9 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 52.386 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

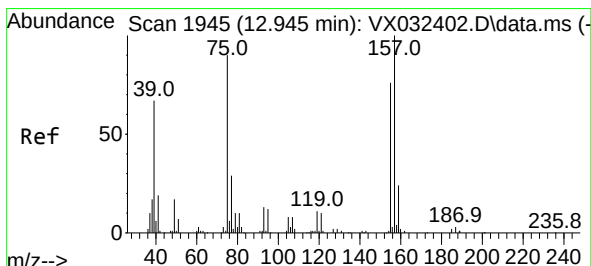
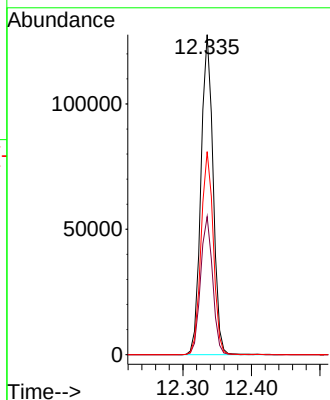
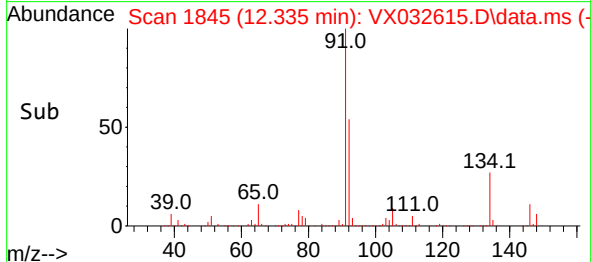
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



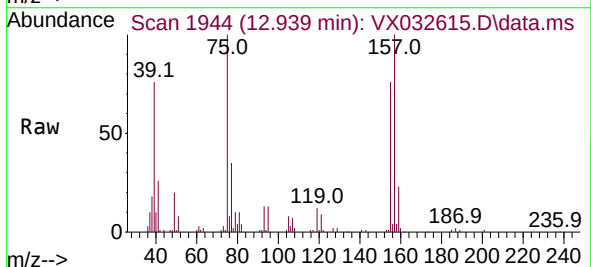
Tgt Ion:146 Resp: 155596
Ion Ratio Lower Upper
146 100
111 42.8 21.5 64.5
148 64.0 32.0 96.2

Manual Integrations
APPROVED

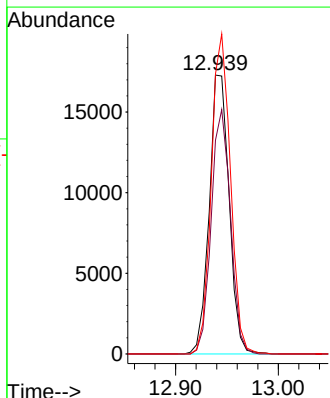
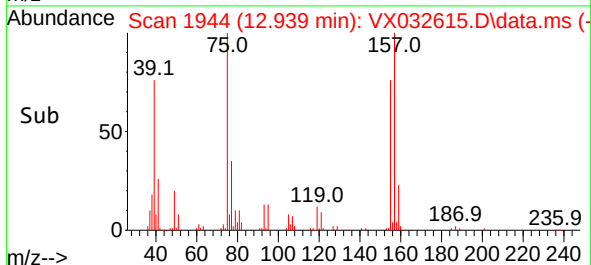
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

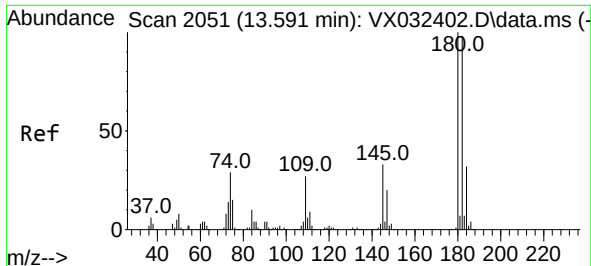


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.836 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26



Tgt Ion: 75 Resp: 23304
Ion Ratio Lower Upper
75 100
155 84.8 41.6 124.8
157 110.2 54.1 162.4





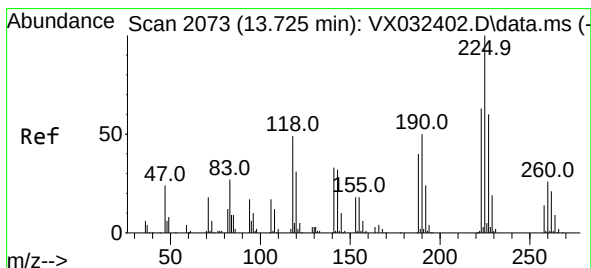
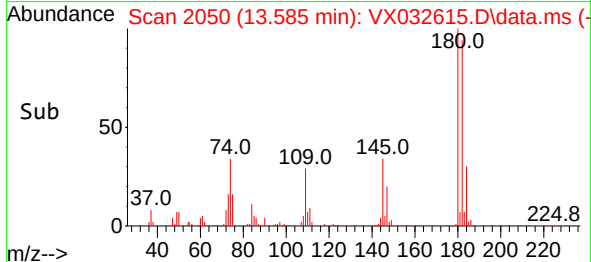
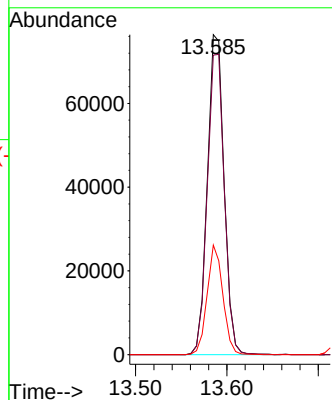
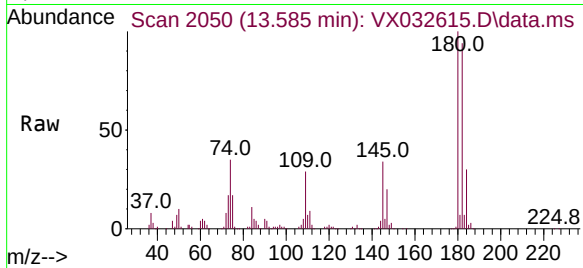
#93
1,2,4-Trichlorobenzene
Concen: 50.291 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 97395
Ion Ratio Lower Upper
180 100
182 95.6 48.4 145.0
145 32.2 16.2 48.5

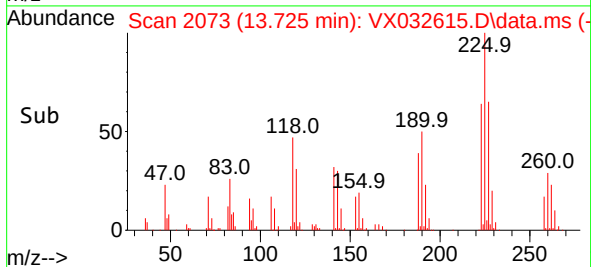
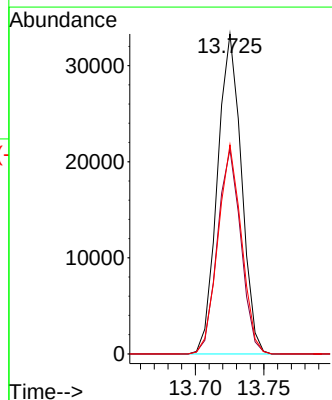
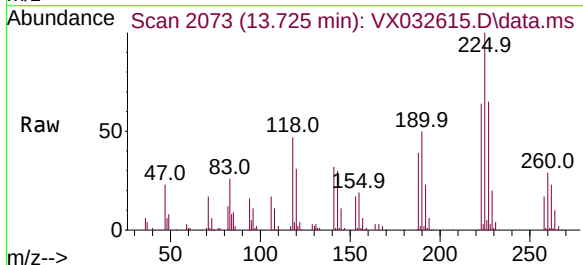
Manual Integrations
APPROVED

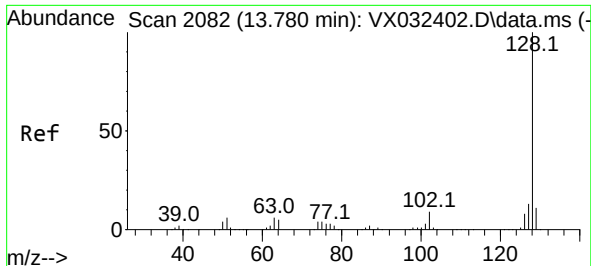
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#94
Hexachlorobutadiene
Concen: 50.163 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

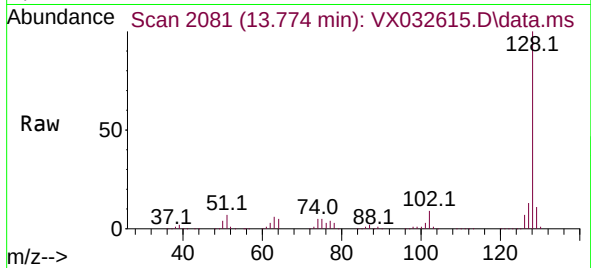
Tgt Ion:225 Resp: 40573
Ion Ratio Lower Upper
225 100
223 62.5 31.9 95.9
227 64.0 31.9 95.5





#95
Naphthalene
Concen: 50.406 ug/l
RT: 13.774 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

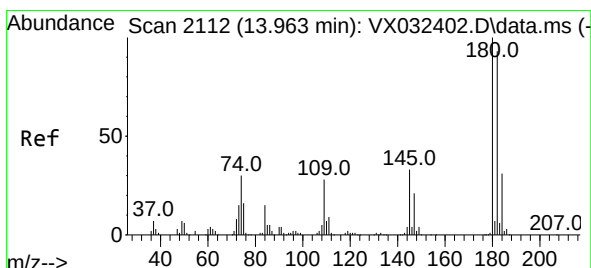
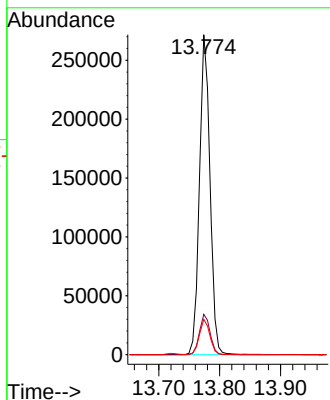
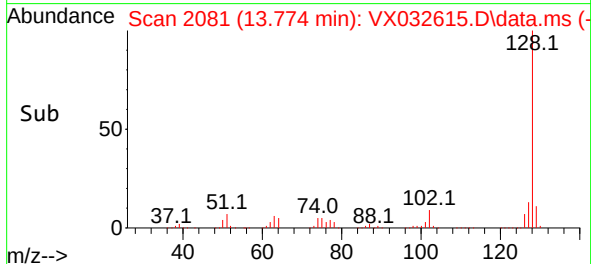
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 325273
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.915 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032615.D
Acq: 07 Nov 2022 10:26

Tgt Ion:180 Resp: 100233
Ion Ratio Lower Upper
180 100
182 92.6 47.5 142.6
145 33.4 16.9 50.6

