

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072823\
 Data File : VX036693.D
 Acq On : 28 Jul 2023 09:20
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Quant Time: Jul 28 16:15:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 14 04:32:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	34701	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	208623	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	188425	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	85173	29.573	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.567%		
60) 4-Bromofluorobenzene	11.079	95	94615	30.956	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	103.200%		
63) Toluene-d8	8.647	98	255151	29.427	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.100%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	49953	25.765	ug/l	100
3) Chloromethane	1.301	50	46801	17.644	ug/l	96
4) Vinyl Chloride	1.374	62	49658	18.155	ug/l	99
5) Bromomethane	1.599	94	30904m	11.033	ug/l	
6) Chloroethane	1.685	64	28978	15.565	ug/l	91
7) Trichlorofluoromethane	1.886	101	80699	18.186	ug/l	98
8) Diethyl Ether	2.136	74	28623	15.524	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.325	101	46591	23.190	ug/l	95
10) 1,1-Dichloroethene	2.319	96	42988	21.169	ug/l	96
11) Methyl Iodide	2.453	142	48068	20.773	ug/l	98
12) Methyl Acetate	2.703	43	97965	20.524	ug/l	96
13) Acrolein	2.239	56	45662	116.612	ug/l	94
14) Acrylonitrile	3.062	53	137057	102.438	ug/l	98
15) Acetone	2.380	58	52342	138.181	ug/l	94
16) Carbon Disulfide	2.508	76	118384	24.029	ug/l	99
17) Allyl chloride	2.660	41	79207	21.988	ug/l	95
18) Methylene Chloride	2.788	84	49936	20.422	ug/l	97
19) trans-1,2-Dichloroethene	3.087	96	48615	21.903	ug/l	97
20) Diisopropyl ether	3.757	45	155861	21.229	ug/l #	93
21) 1,1-Dichloroethane	3.611	63	89577	20.927	ug/l	98
22) cis-1,2-Dichloroethene	4.489	96	57871	21.664	ug/l	100
23) tert-Butyl Alcohol	2.959	59	73752	118.705	ug/l #	1
24) Methyl tert-Butyl Ether	3.111	73	164692	22.302	ug/l	99
25) Chloroform	5.086	83	94300	21.309	ug/l	98
26) Cyclohexane	5.471	56	77004	23.449	ug/l #	96
29) 1,1-Dichloropropene	5.690	75	68721	21.844	ug/l	100
30) 2-Butanone	4.556	43	219776	110.951	ug/l	99
31) 2,2-Dichloropropane	4.477	77	85356	24.741	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	85673	22.918	ug/l	98
33) Carbon Tetrachloride	5.672	117	73222	22.959	ug/l	98
34) Benzene	6.038	78	199110	20.533	ug/l	99
35) Methacrylonitrile	4.916	41	40106	19.515	ug/l	96
36) 1,2-Dichloroethane	6.086	62	73242	19.671	ug/l	98
37) Trichloroethene	7.123	130	53678	21.032	ug/l	97
38) Methylcyclohexane	7.379	83	86280	23.575	ug/l	98
39) 1,2-Dichloropropane	7.428	63	51448	19.572	ug/l	98
40) Dibromomethane	7.580	93	37582	19.739	ug/l	98
41) Bromodichloromethane	7.818	83	75743	21.920	ug/l	99
42) Vinyl Acetate	3.721	43	618297	103.340	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	76597	19.866	ug/l	96
44) Isopropyl Acetate	6.336	43	126885	20.635	ug/l	96
45) 1,4-Dioxane	7.659	88	28638	410.299	ug/l #	1
46) Methyl methacrylate	7.690	41	59301	20.178	ug/l	94
47) n-amyl Acetate	10.842	43	107653	20.641	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	84304	22.244	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	89208	21.790	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	52287	20.230	ug/l	97
51) Ethyl methacrylate	9.116	69	86327	21.274	ug/l	98
52) 1,3-Dichloropropane	9.305	76	89111	20.430	ug/l	100
53) Dibromochloromethane	9.519	129	57695	22.116	ug/l	99
54) 1,2-Dibromoethane	9.610	107	55949	20.606	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	199596	91.460	ug/l	98
56) Bromoform	10.799	173	41950	23.113	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	380371	97.622	ug/l	98
59) 2-Hexanone	9.427	43	304998	102.893	ug/l	98
61) Tetrachloroethene	9.275	164	47304	20.960	ug/l	98
62) Toluene	8.714	91	219632	20.775	ug/l	97
64) Chlorobenzene	10.079	112	134710	20.467	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	53208	22.384	ug/l	98
66) Ethyl Benzene	10.195	91	247013	21.498	ug/l	98
67) m/p-Xylenes	10.299	106	189505	42.307	ug/l	98
68) o-Xylene	10.640	106	92607	20.831	ug/l	96
69) Styrene	10.653	104	154548	21.442	ug/l	98
70) Isopropylbenzene	10.963	105	241185	21.783	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.213	83	81019	20.048	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	69202m	18.479	ug/l	
73) Bromobenzene	11.195	156	55323	20.213	ug/l	98
74) n-propylbenzene	11.305	91	288383	22.129	ug/l	98
75) 2-Chlorotoluene	11.366	91	170254	21.483	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	205888	21.640	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	29120	23.680	ug/l	84
78) 4-Chlorotoluene	11.451	91	196445	21.771	ug/l	98
79) tert-butylbenzene	11.713	119	201354	22.297	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	204993	21.744	ug/l	99
81) sec-Butylbenzene	11.890	105	255001	22.434	ug/l	99
82) p-Isopropyltoluene	12.006	119	214236	22.654	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	107640	21.143	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	105708	20.837	ug/l	99
85) n-Butylbenzene	12.329	91	191080	22.197	ug/l	98
86) Hexachloroethane	12.536	117	41384	26.431	ug/l	94
87) 1,2-Dichlorobenzene	12.335	146	104565	20.477	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.939	75	19521	21.482	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	64672	20.083	ug/l	99
90) Hexachlorobutadiene	13.725	225	26899	22.998	ug/l	98
91) Naphthalene	13.774	128	222176	19.663	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	64688	19.902	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

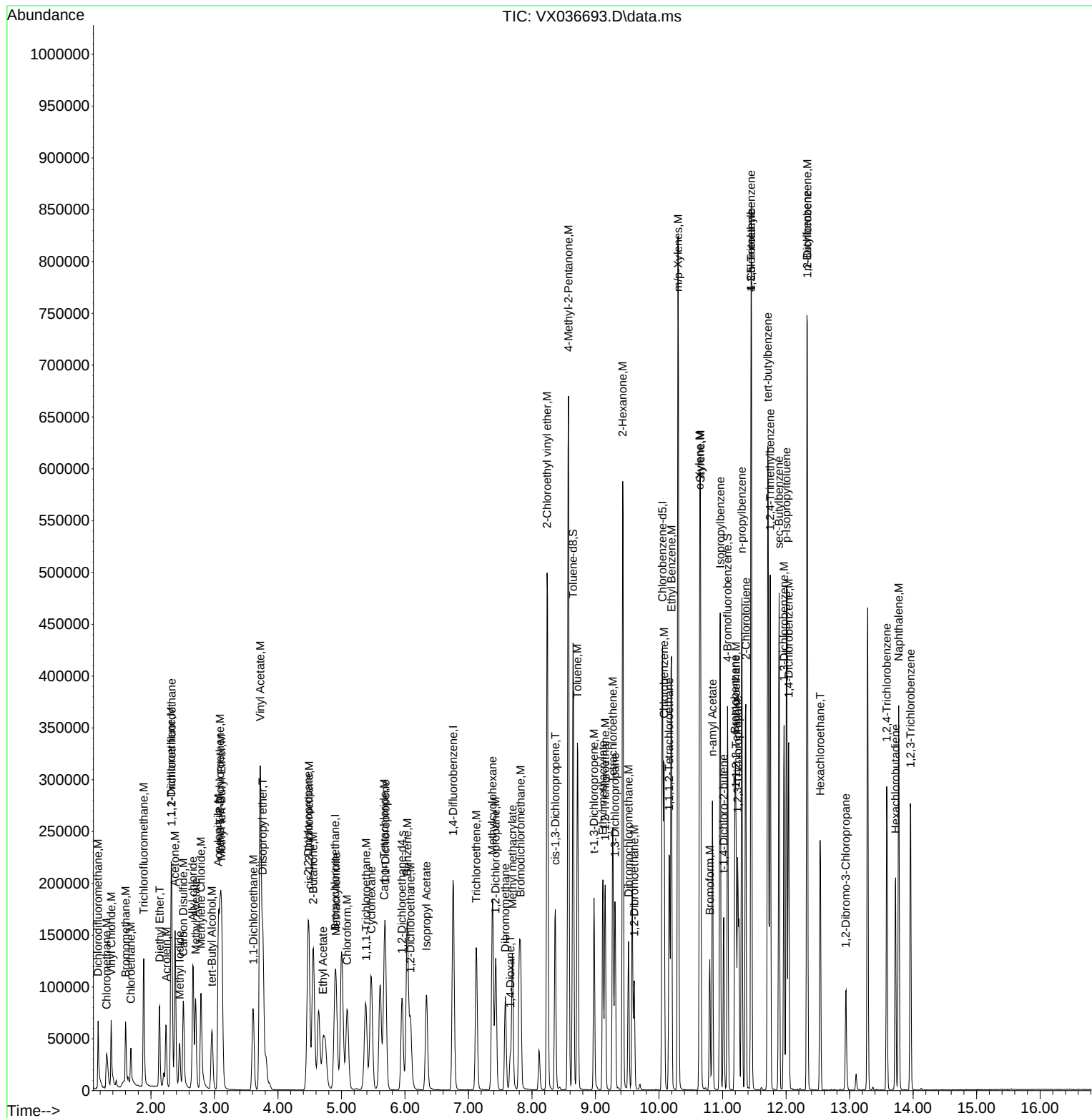
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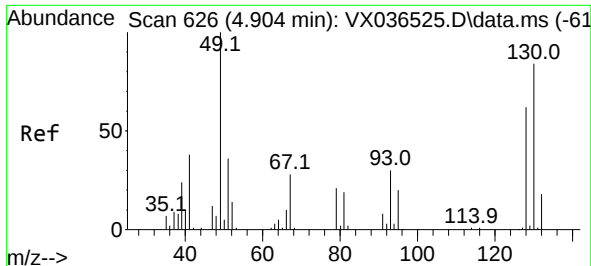
Instrument :
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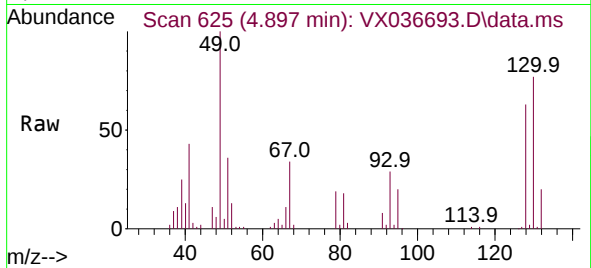
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/31/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

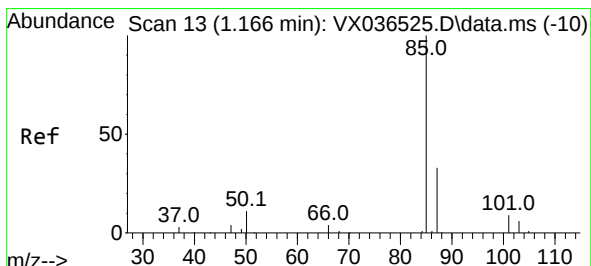
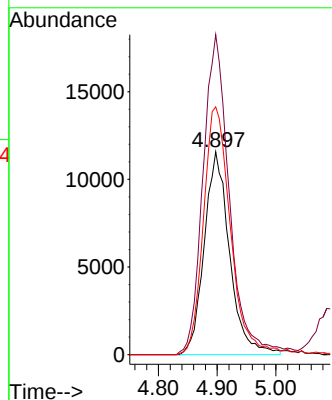
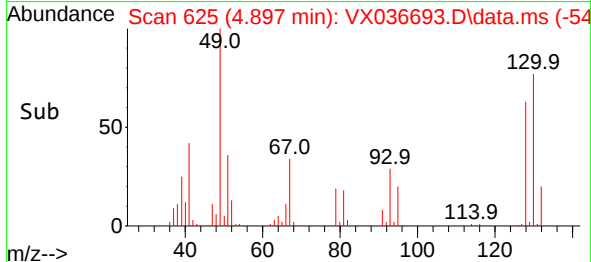
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 3470
Ion Ratio Lower Upper
128 100
49 160.5 0.0 406.3
130 128.1 0.0 328.0

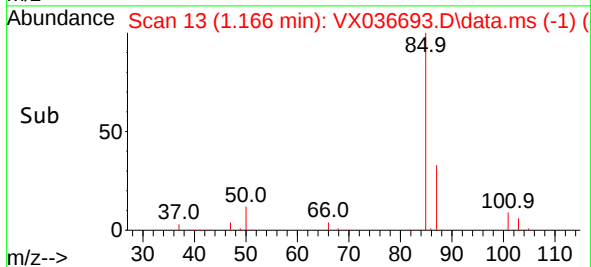
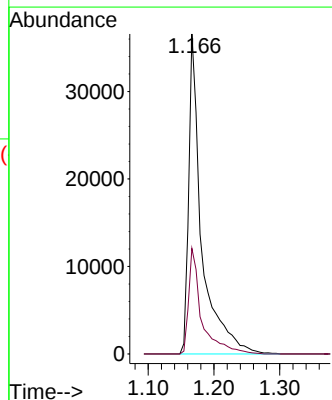
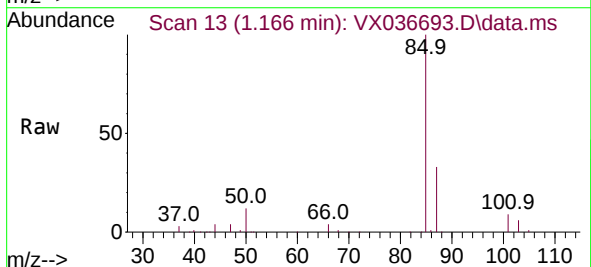
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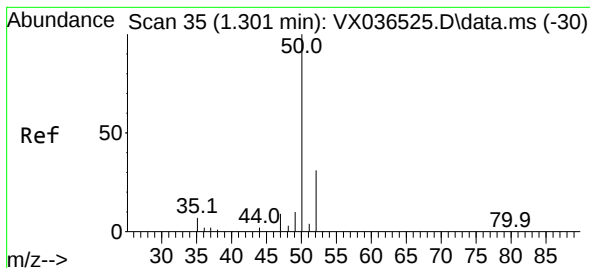
Reviewed By :John Carlone 07/28/2023
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#2
Dichlorodifluoromethane
Concen: 25.765 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

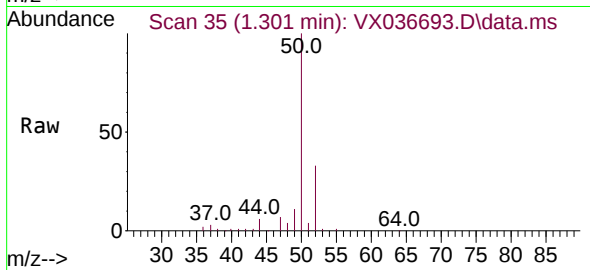
Tgt Ion: 85 Resp: 49953
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.4





#3
Chloromethane
Concen: 17.644 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

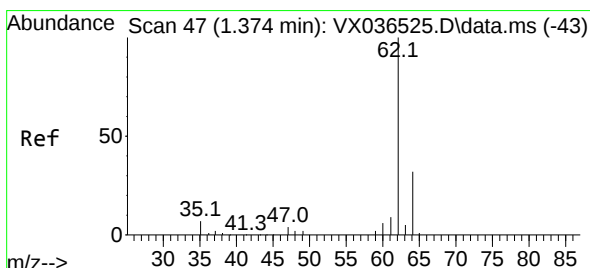
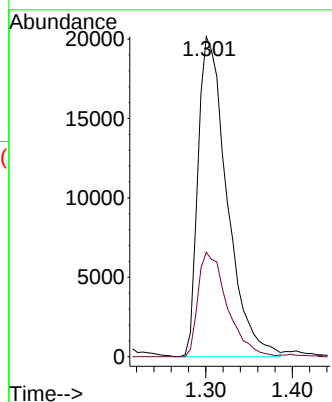
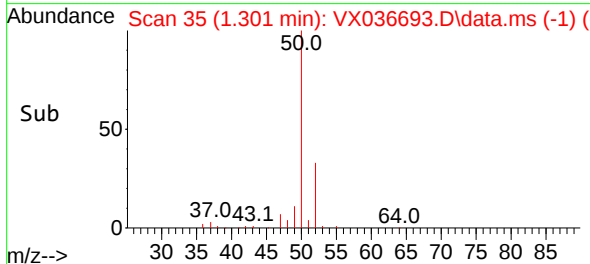
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Tgt Ion: 50 Resp: 4680
Ion Ratio Lower Upper
50 100
52 32.6 24.5 36.7

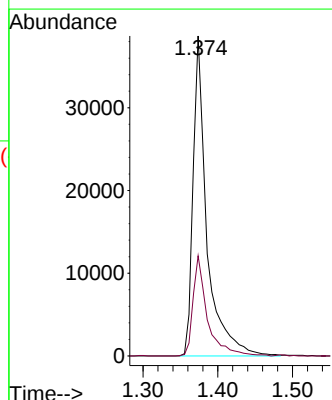
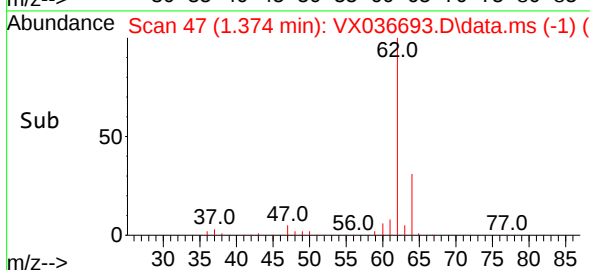
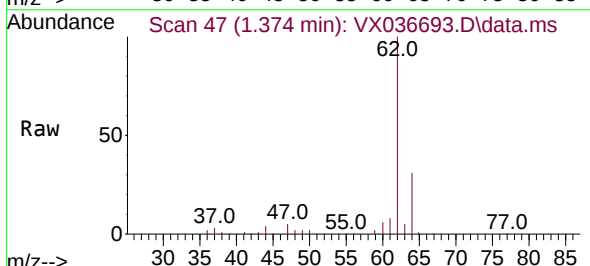
Manual Integrations
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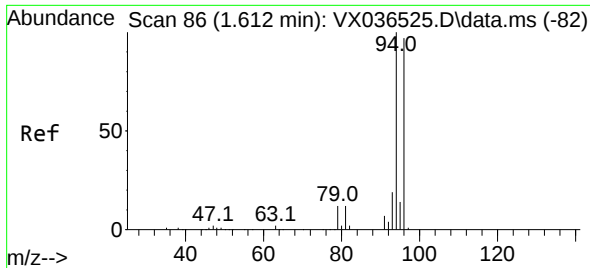
Reviewed By :John Carlone 07/28/2023
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#4
Vinyl Chloride
Concen: 18.155 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

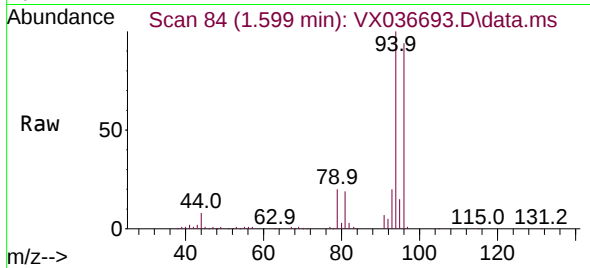
Tgt Ion: 62 Resp: 49658
Ion Ratio Lower Upper
62 100
64 31.1 25.3 37.9





#5
Bromomethane
Concen: 11.033 ug/l m
RT: 1.599 min Scan# 84
Delta R.T. -0.012 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

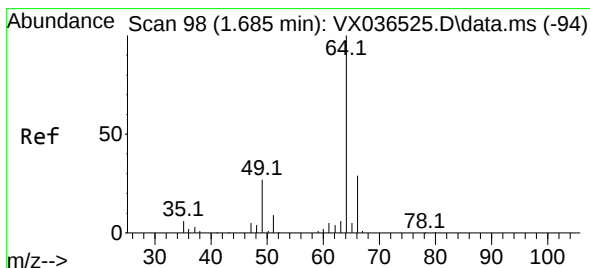
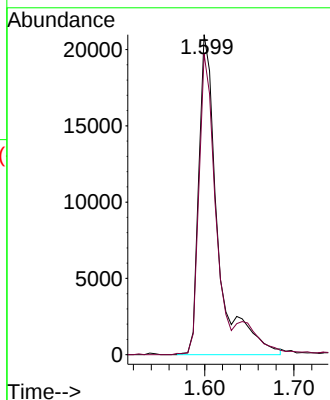
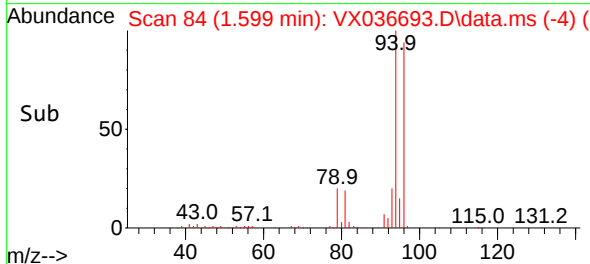
Instrument :
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Tgt Ion: 94 Resp: 30904
Ion Ratio Lower Upper
94 100
96 93.9 77.4 116.2

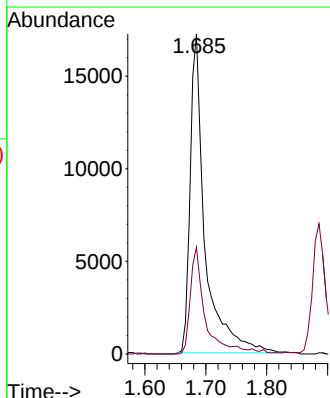
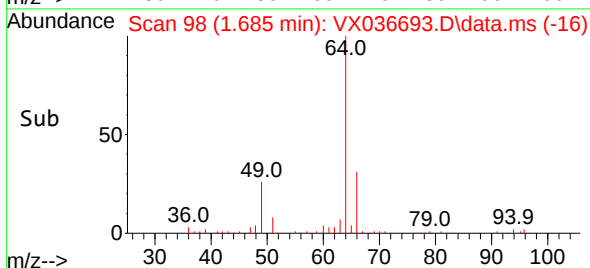
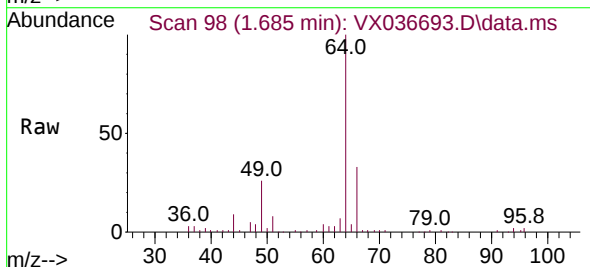
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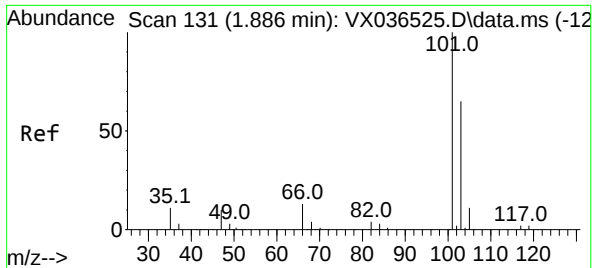
Reviewed By :John Carlone 07/28/2023
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#6
Chloroethane
Concen: 15.565 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

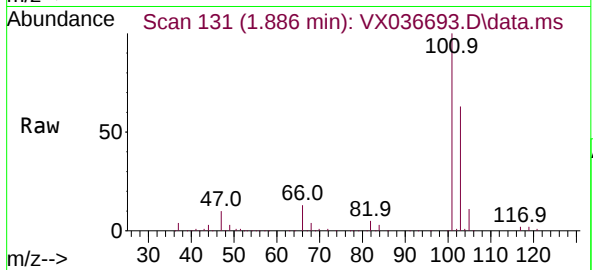
Tgt Ion: 64 Resp: 28978
Ion Ratio Lower Upper
64 100
66 33.5 23.1 34.7





#7
Trichlorofluoromethane
Concen: 18.186 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036693.D
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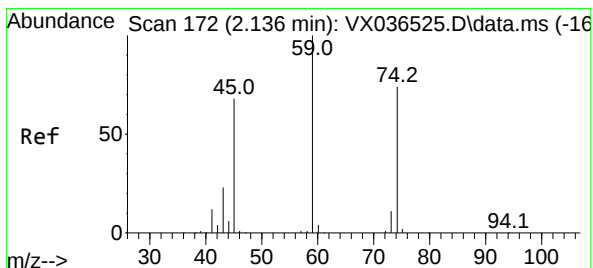
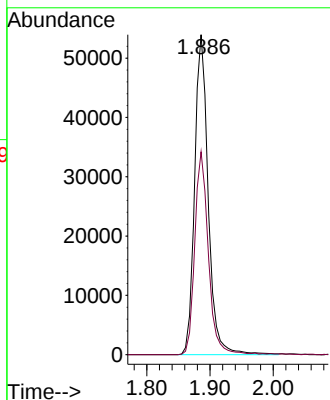
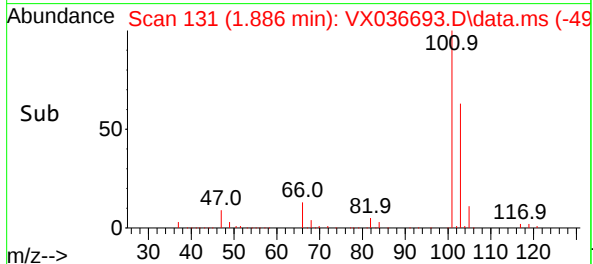
Instrument :
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Tgt Ion:101 Resp: 80699
Ion Ratio Lower Upper
101 100
103 63.4 52.2 78.2

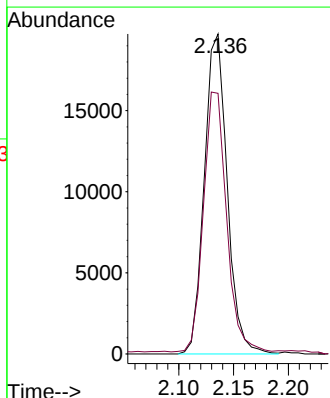
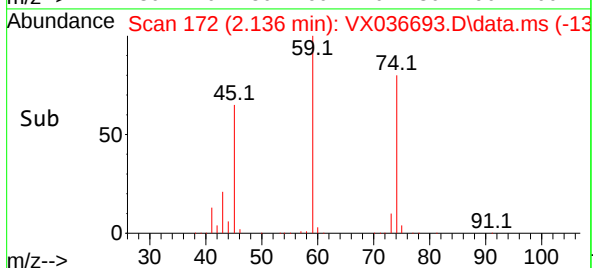
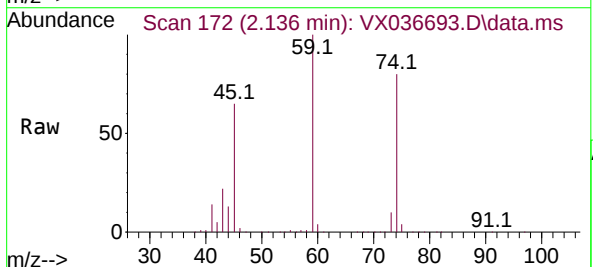
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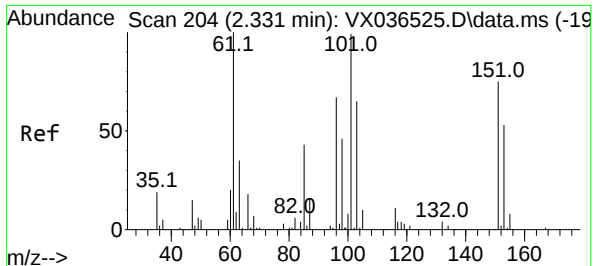
Reviewed By :John Carlone 07/28/2023
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#8
Diethyl Ether
Concen: 15.524 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Tgt Ion: 74 Resp: 28623
Ion Ratio Lower Upper
74 100
45 81.4 19.9 178.9





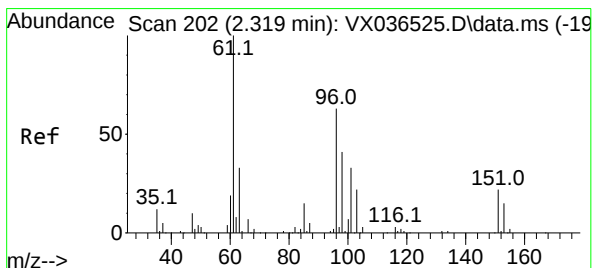
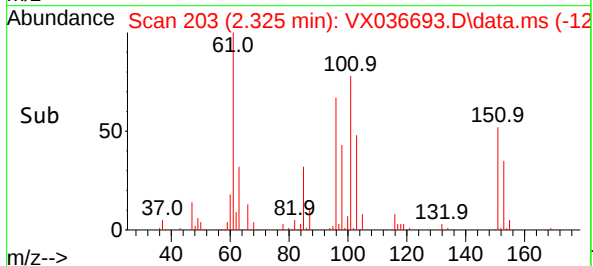
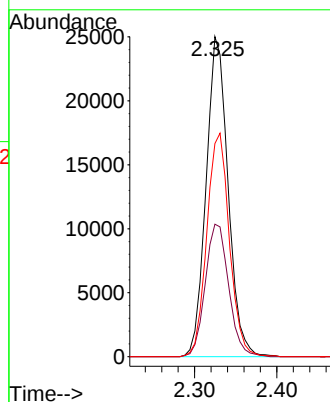
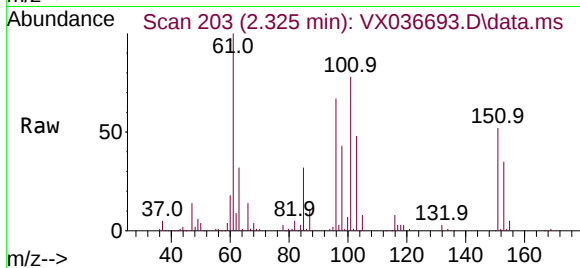
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1,1,2-Trichlorotrifluoroethane
Concen: 23.190 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Instrument :
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Tgt Ion:101 Resp: 4659
Ion Ratio Lower Upper
101 100
85 44.0 0.0 91.0
151 71.6 0.0 155.4

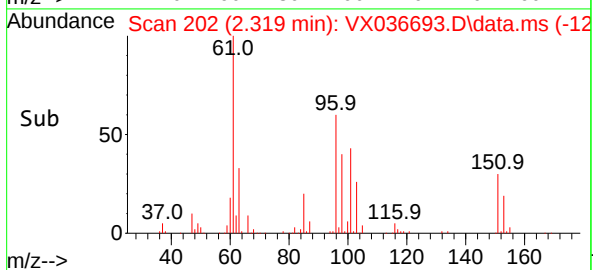
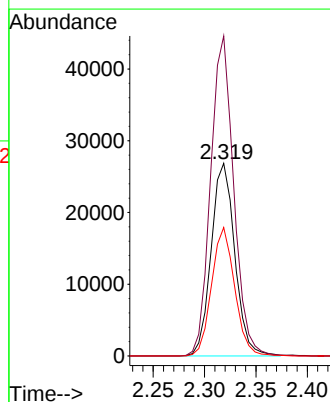
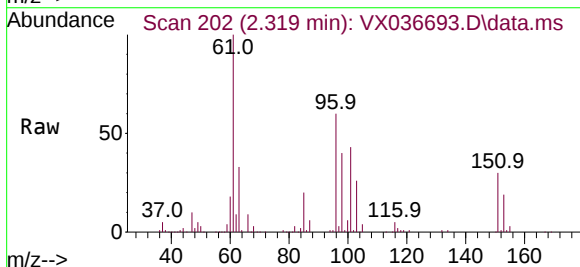
Manual Integrations
APPROVED

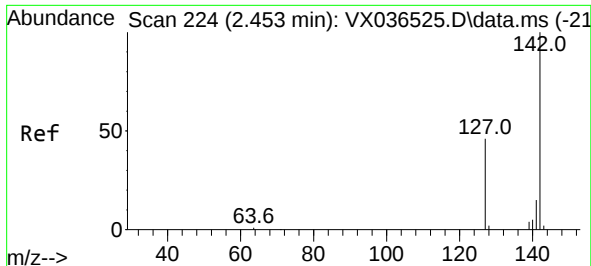
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
1,1-Dichloroethene
Concen: 21.169 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

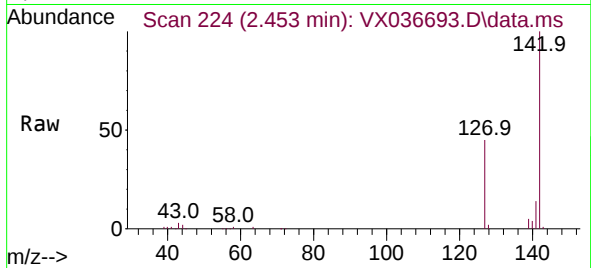
Tgt Ion: 96 Resp: 42988
Ion Ratio Lower Upper
96 100
61 166.2 127.2 190.8
98 66.7 52.7 79.1





#11
Methyl Iodide
Concen: 20.773 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

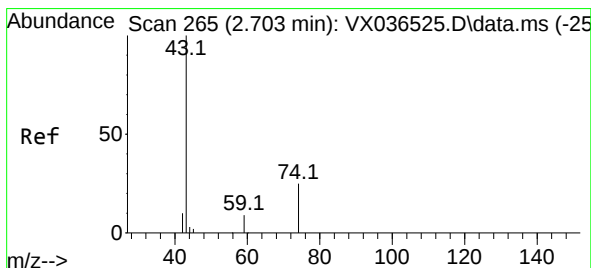
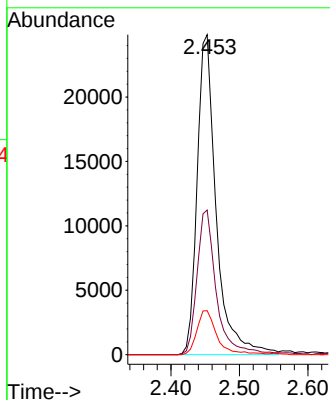
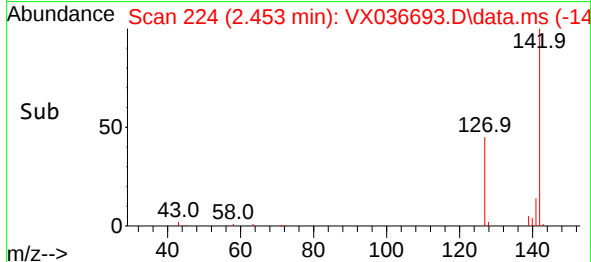
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 48068
Ion Ratio Lower Upper
142 100
127 45.1 22.9 68.8
141 13.7 7.5 22.6

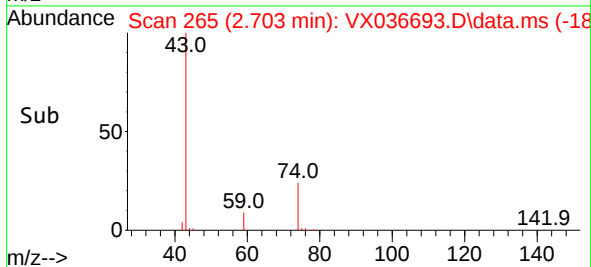
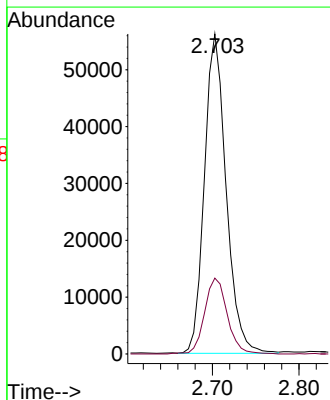
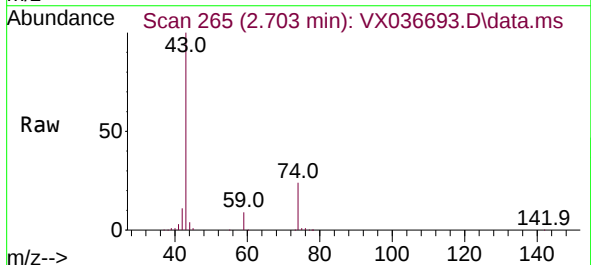
Manual Integrations
APPROVED

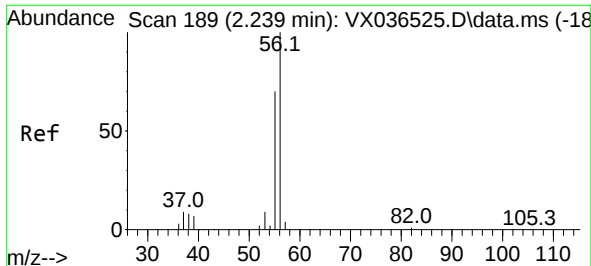
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#12
Methyl Acetate
Concen: 20.524 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

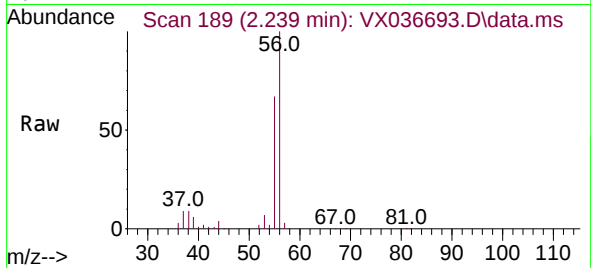
Tgt Ion: 43 Resp: 97965
Ion Ratio Lower Upper
43 100
74 23.6 20.3 30.5





#13
Acrolein
Concen: 116.612 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

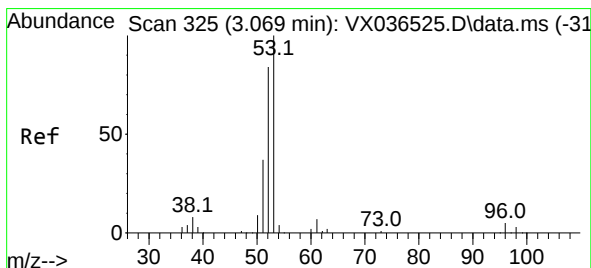
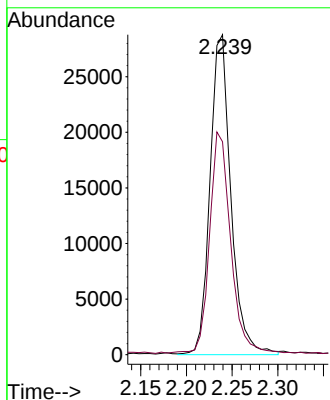
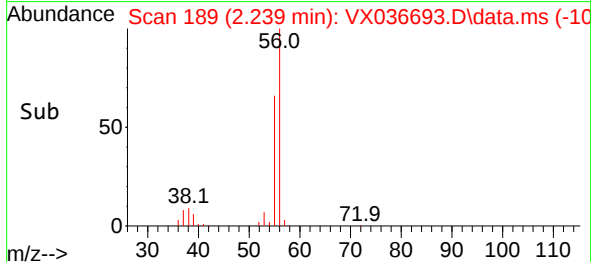
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



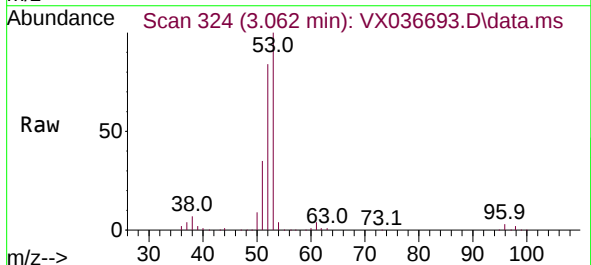
Tgt Ion: 56 Resp: 45662
Ion Ratio Lower Upper
56 100
55 69.4 59.7 89.5

Manual Integrations
APPROVED

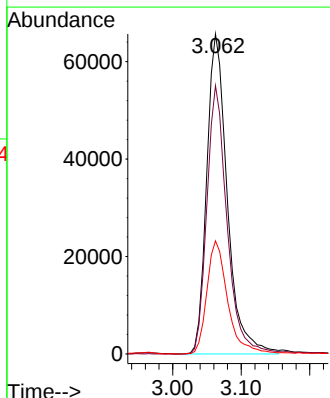
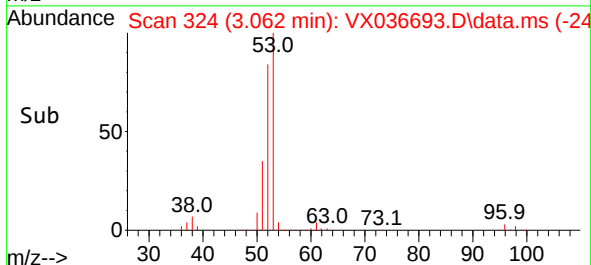
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

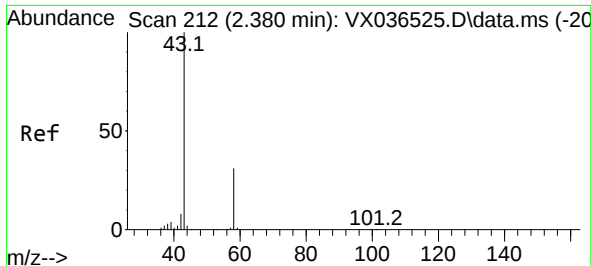


#14
Acrylonitrile
Concen: 102.438 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20



Tgt Ion: 53 Resp: 137057
Ion Ratio Lower Upper
53 100
52 82.3 40.0 119.9
51 36.0 18.2 54.6





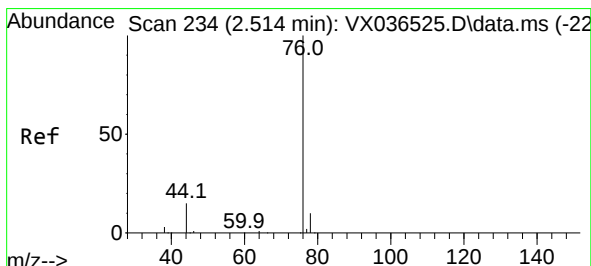
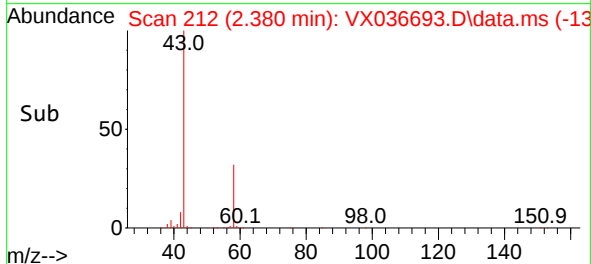
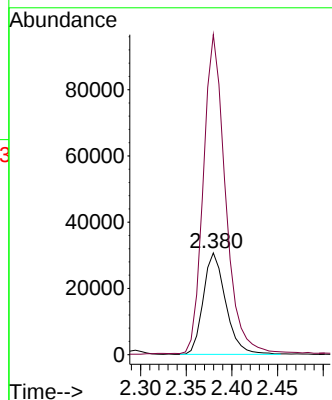
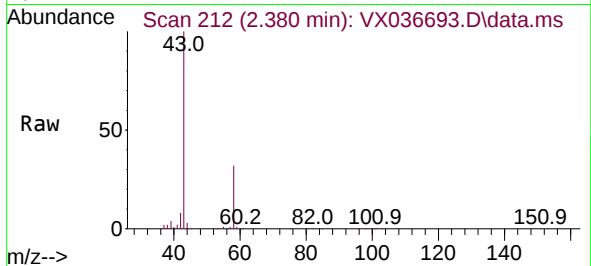
#15
Acetone
Concen: 138.181 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 58 Resp: 5234
Ion Ratio Lower Upper
58 100
43 314.4 261.0 391.4

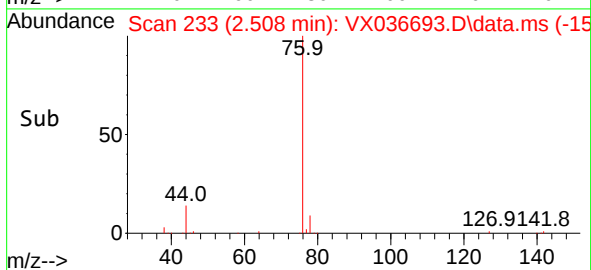
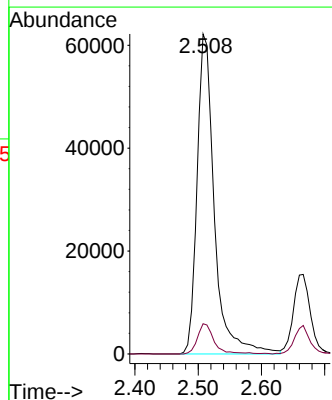
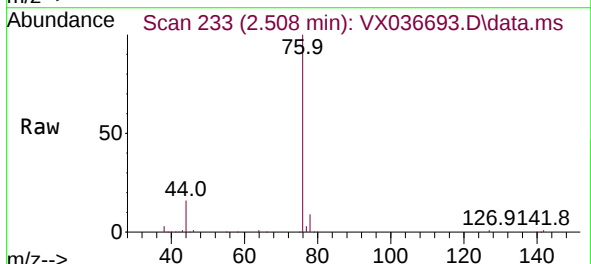
Manual Integrations
APPROVED

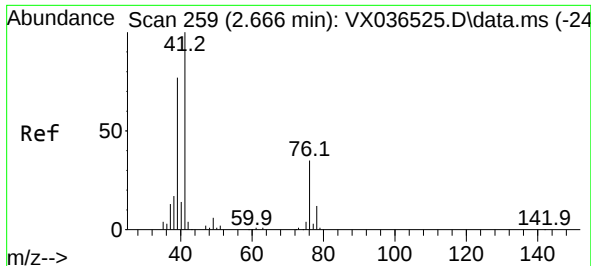
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#16
Carbon Disulfide
Concen: 24.029 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Tgt Ion: 76 Resp: 118384
Ion Ratio Lower Upper
76 100
78 9.5 8.0 12.0





#17

Allyl chloride

Concen: 21.988 ug/l

RT: 2.660 min Scan# 259

Delta R.T. -0.006 min

Lab File: VX036693.D

Acq: 28 Jul 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

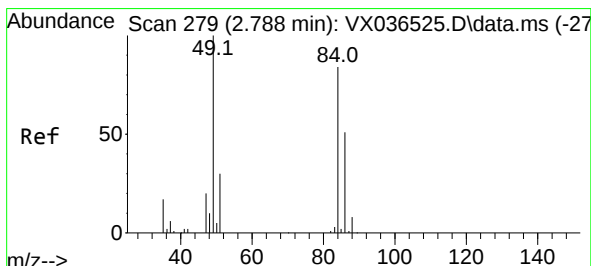
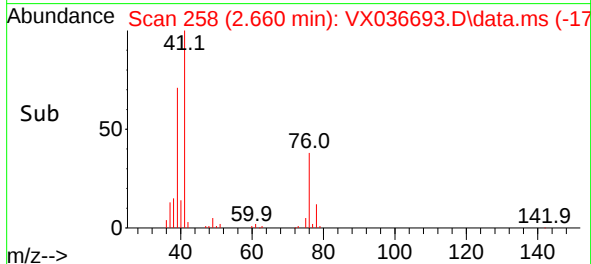
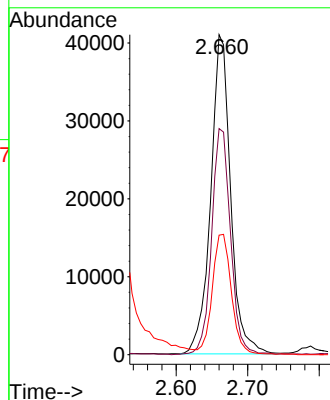
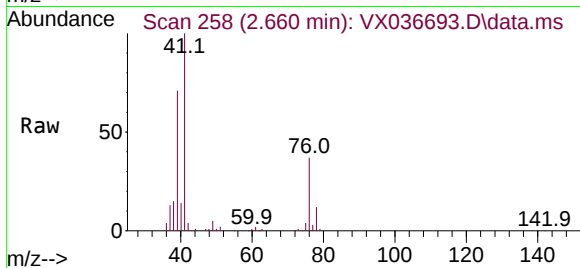
Tgt Ion: 41	Resp: 7920
Ion Ratio	Lower Upper
41 100	
39 70.7	38.5 115.3
76 37.2	18.6 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#18

Methylene Chloride

Concen: 20.422 ug/l

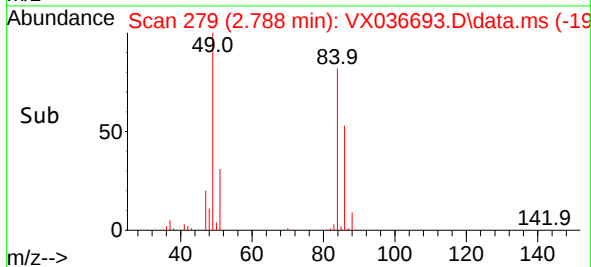
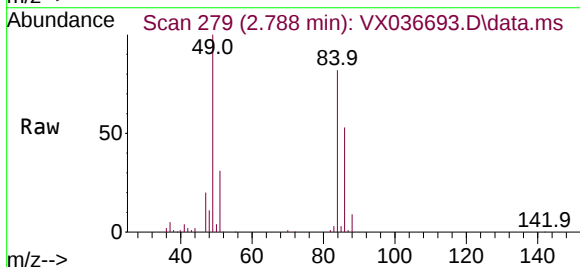
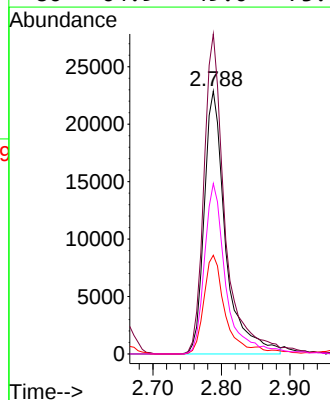
RT: 2.788 min Scan# 279

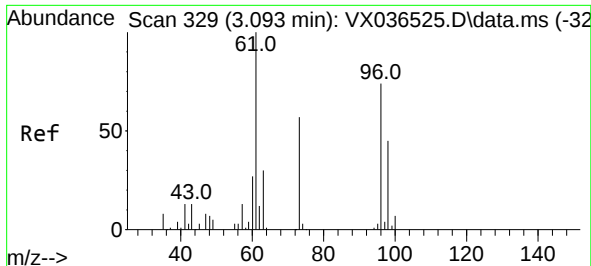
Delta R.T. -0.000 min

Lab File: VX036693.D

Acq: 28 Jul 2023 09:20

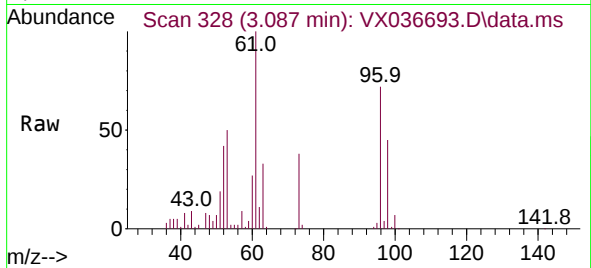
Tgt Ion: 84	Resp: 49936
Ion Ratio	Lower Upper
84 100	
49 121.7	95.4 143.0
51 37.6	28.3 42.5
86 64.9	49.0 73.6





#19
trans-1,2-Dichloroethene
Concen: 21.903 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

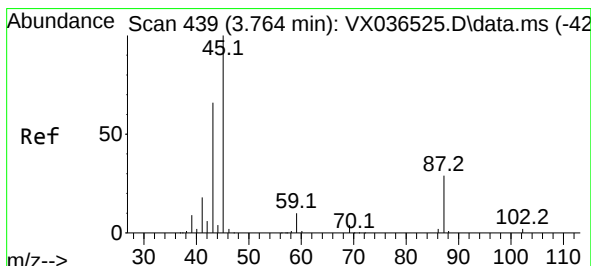
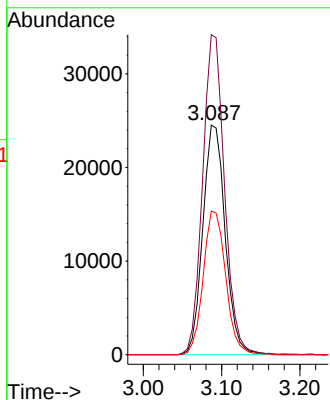
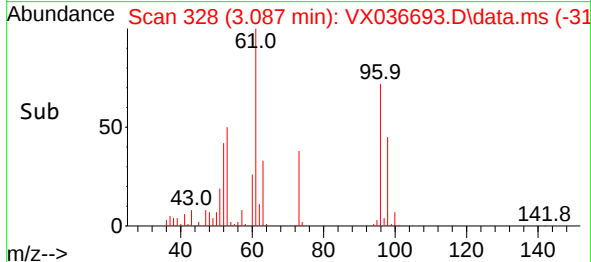
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 4861
Ion Ratio Lower Upper
96 100
61 139.4 108.7 163.1
98 62.6 49.1 73.7

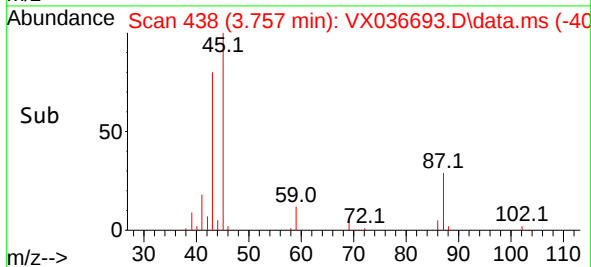
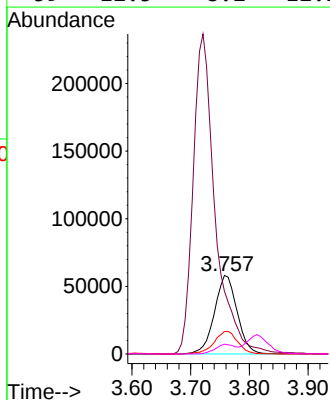
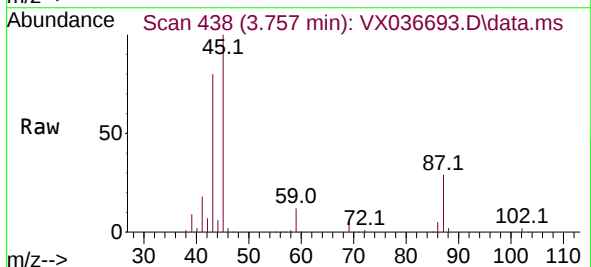
Manual Integrations
APPROVED

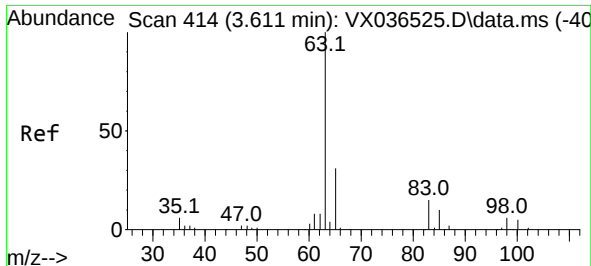
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#20
Diisopropyl ether
Concen: 21.229 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Tgt Ion: 45 Resp: 155861
Ion Ratio Lower Upper
45 100
43 77.8 55.8 83.6
87 28.6 23.0 34.4
59 12.5 8.2 12.2





#21

1,1-Dichloroethane

Concen: 20.927 ug/l

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX036693.D

Acq: 28 Jul 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 8957

Ion Ratio Lower Upper

63 100

98 7.6 3.2 9.6

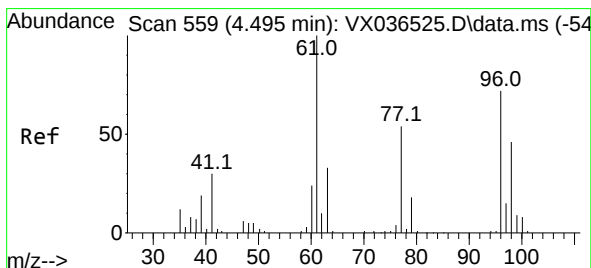
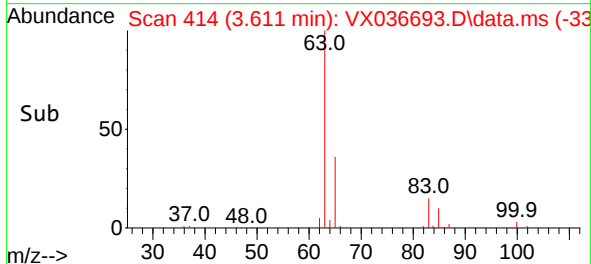
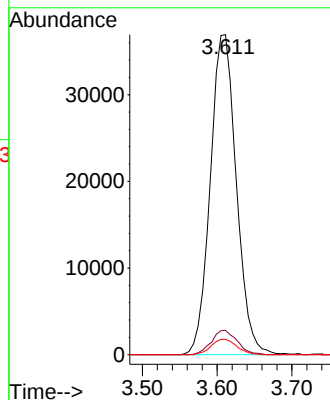
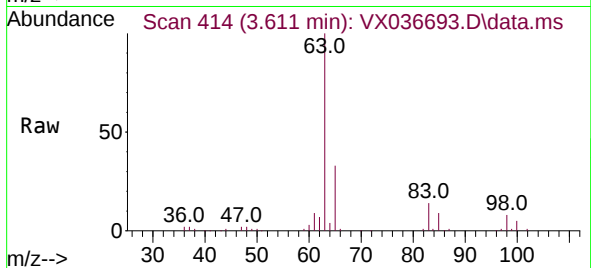
100 4.8 2.3 6.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#22

cis-1,2-Dichloroethene

Concen: 21.664 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX036693.D

Acq: 28 Jul 2023 09:20

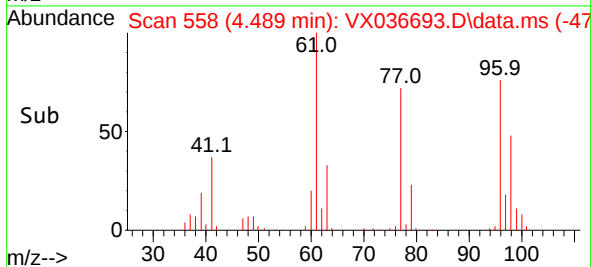
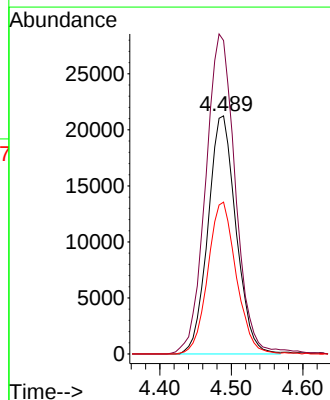
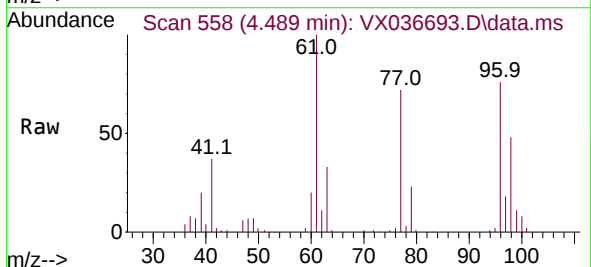
Tgt Ion: 96 Resp: 57871

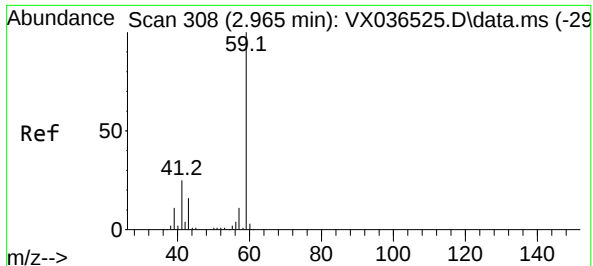
Ion Ratio Lower Upper

96 100

61 142.7 114.0 171.0

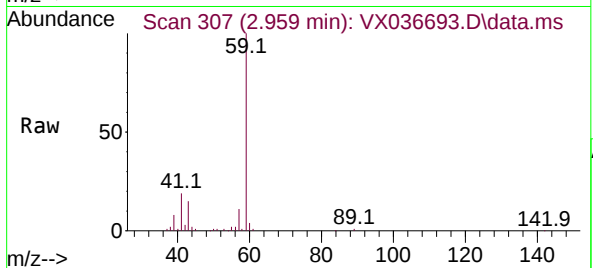
98 64.4 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 118.705 ug/l
RT: 2.959 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

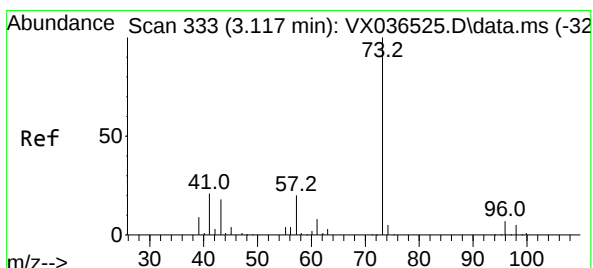
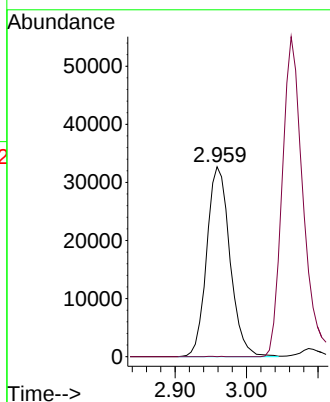
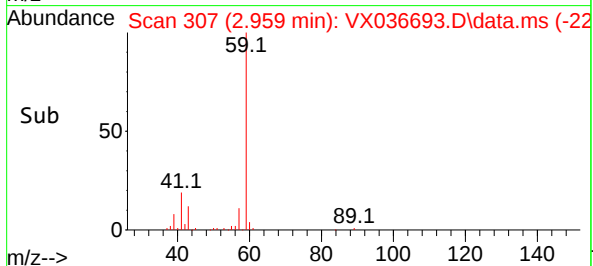
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 59 Resp: 73752
Ion Ratio Lower Upper
59 100
52 0.0 142.6 213.8

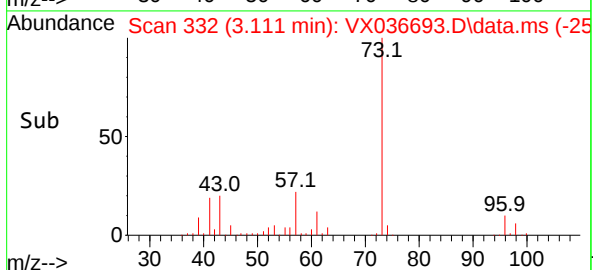
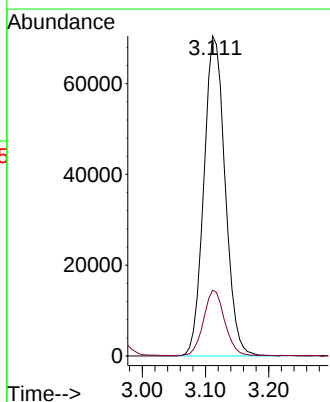
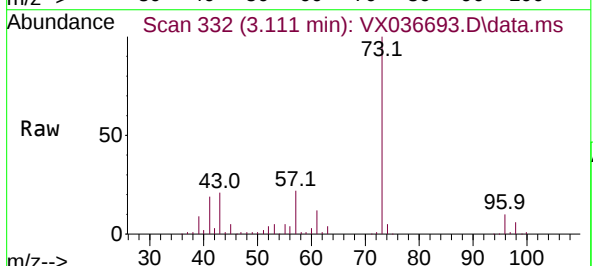
Manual Integrations
APPROVED

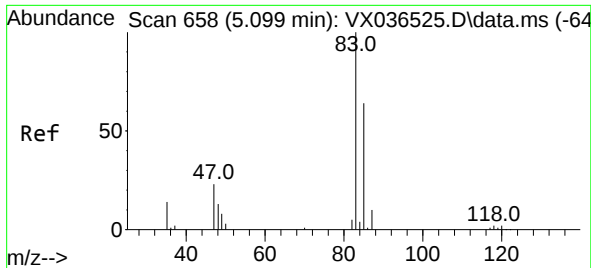
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#24
Methyl tert-Butyl Ether
Concen: 22.302 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Tgt Ion: 73 Resp: 164692
Ion Ratio Lower Upper
73 100
43 20.4 16.8 25.2





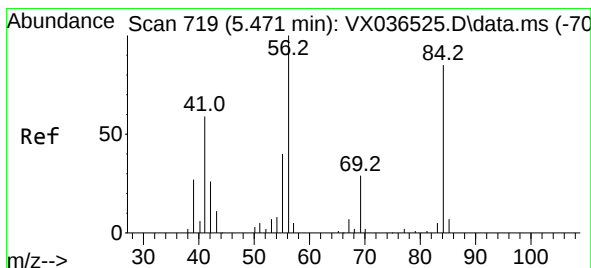
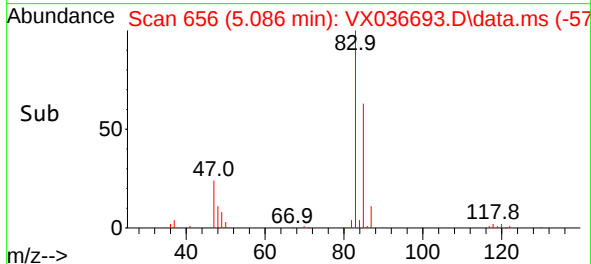
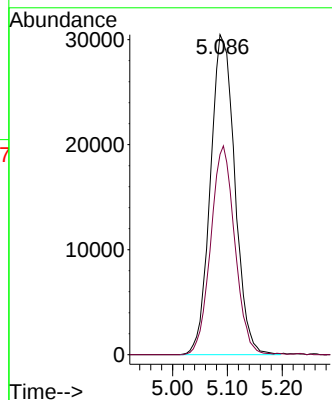
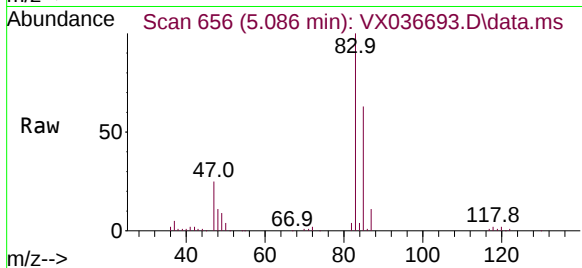
#25
Chloroform
Concen: 21.309 ug/l
RT: 5.086 min Scan# 613
Delta R.T. -0.012 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 94300
Ion Ratio Lower Upper
83 100
85 62.6 51.5 77.3

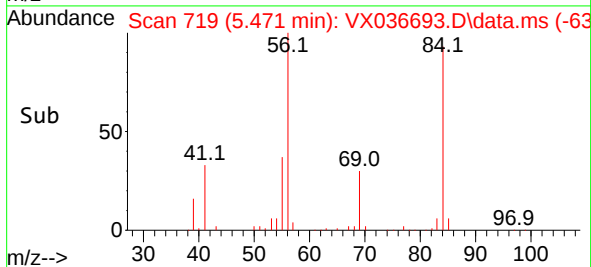
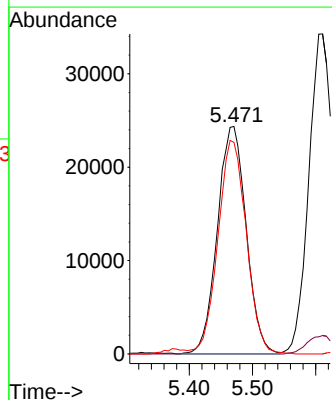
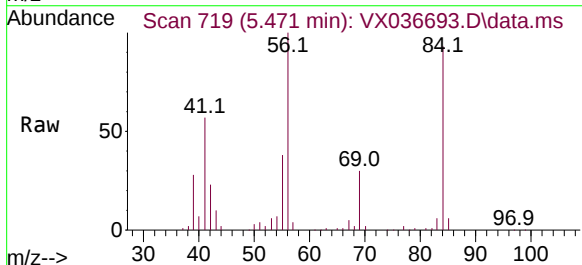
Manual Integrations
APPROVED

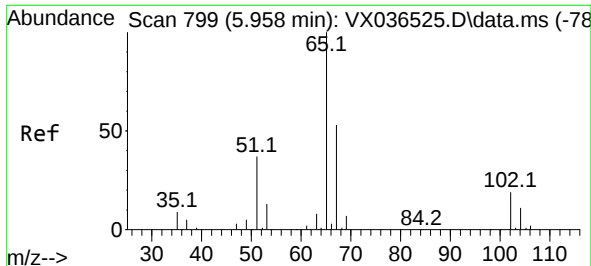
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#26
Cyclohexane
Concen: 23.449 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Tgt Ion: 56 Resp: 77004
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.6 71.4 107.2





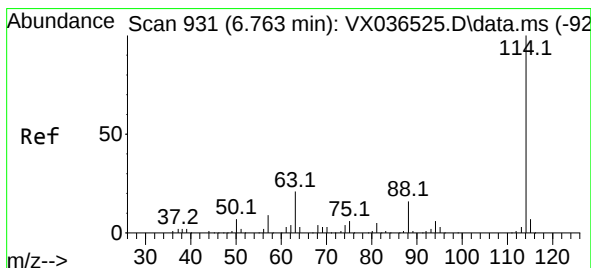
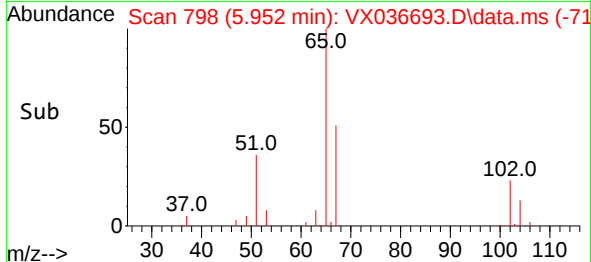
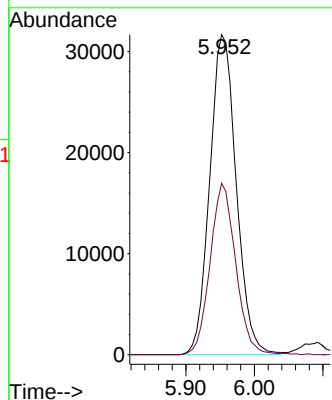
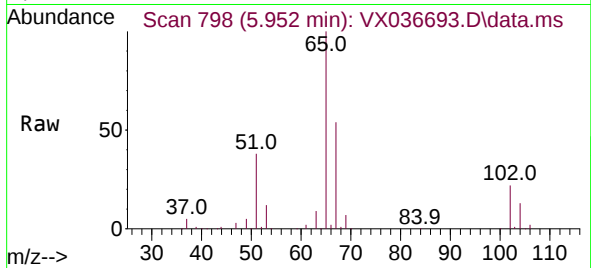
#27
1,2-Dichloroethane-d4
Concen: 29.573 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 8517
Ion Ratio Lower Upper
65 100
67 51.7 42.1 63.1

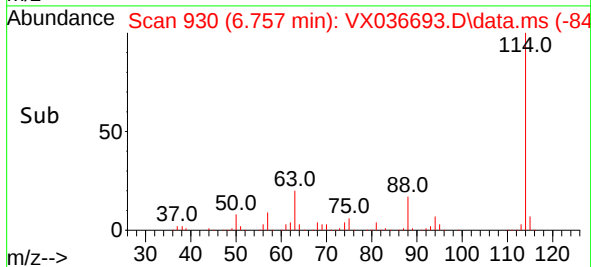
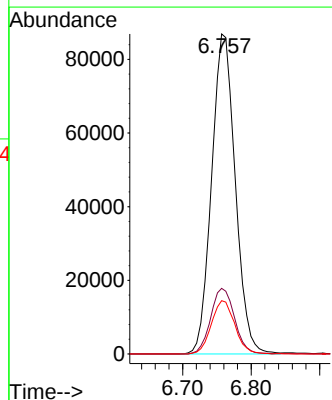
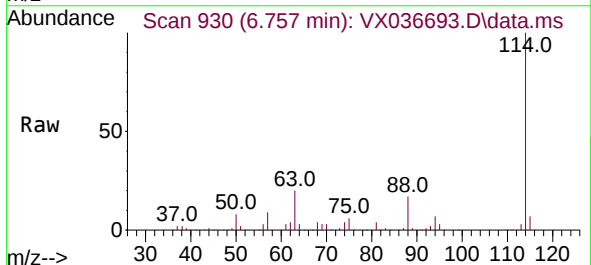
Manual Integrations
APPROVED

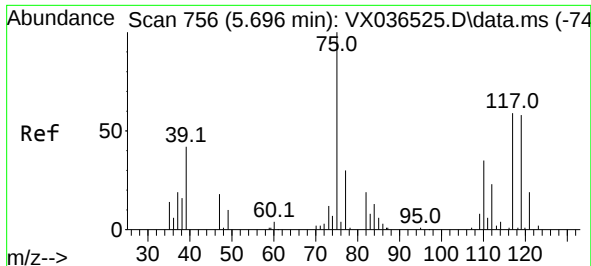
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Tgt Ion:114 Resp: 208623
Ion Ratio Lower Upper
114 100
63 20.7 16.6 24.8
88 16.5 12.9 19.3





#29

1,1-Dichloropropene

Concen: 21.844 ug/l

RT: 5.690 min Scan# 756

Delta R.T. -0.006 min

Lab File: VX036693.D

Acq: 28 Jul 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 6872

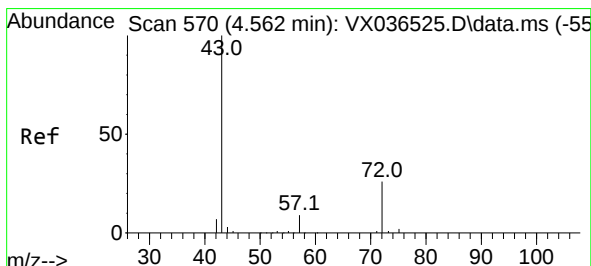
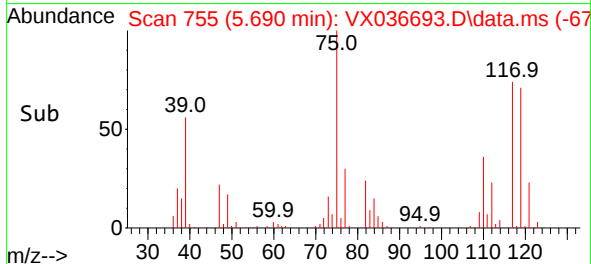
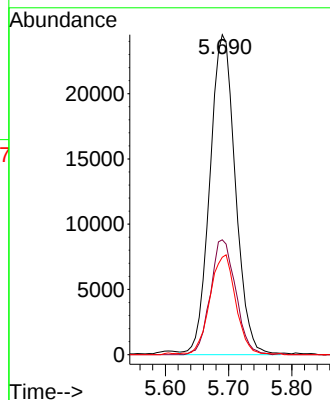
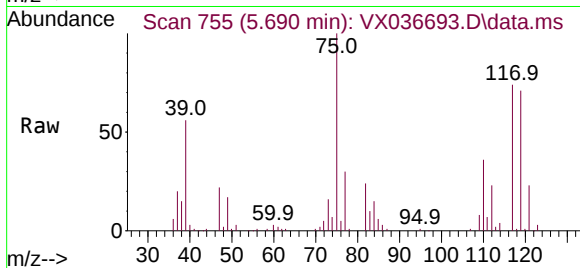
Ion	Ratio	Lower	Upper
75	100		
110	35.5	0.0	70.4
77	31.4	0.0	62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#30

2-Butanone

Concen: 110.951 ug/l

RT: 4.556 min Scan# 569

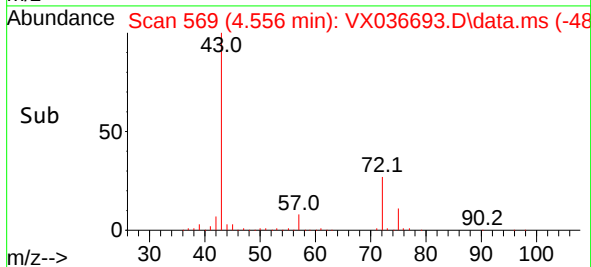
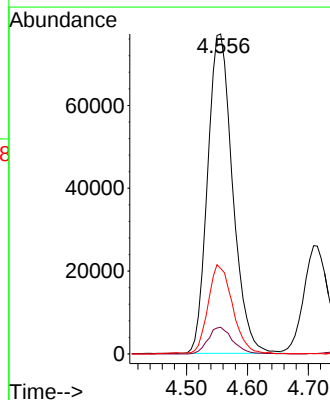
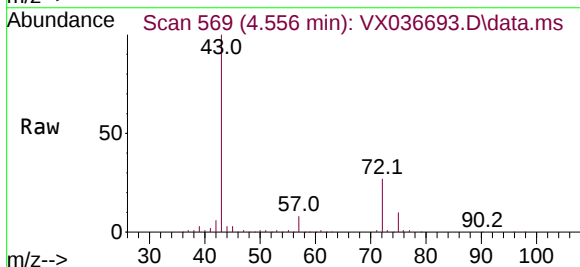
Delta R.T. -0.006 min

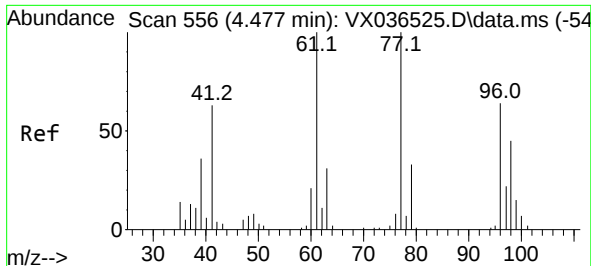
Lab File: VX036693.D

Acq: 28 Jul 2023 09:20

Tgt Ion: 43 Resp: 219776

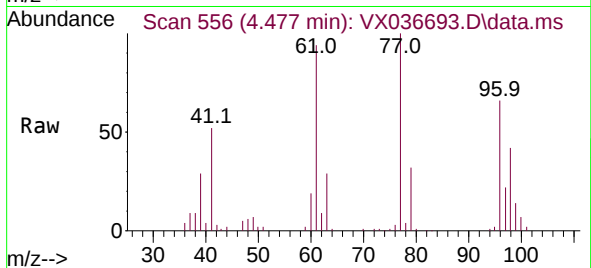
Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.4	9.6
72	27.3	21.6	32.4





#31
2,2-Dichloropropane
Concen: 24.741 ug/l
RT: 4.477 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

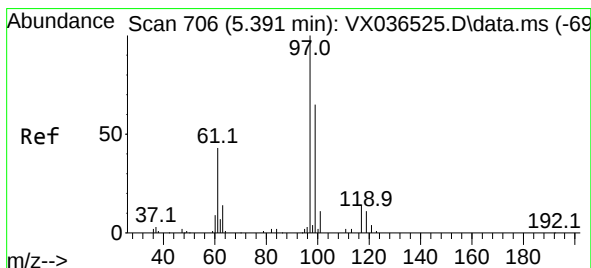
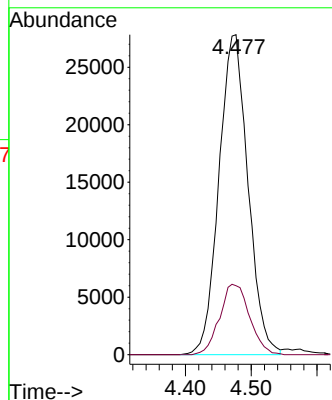
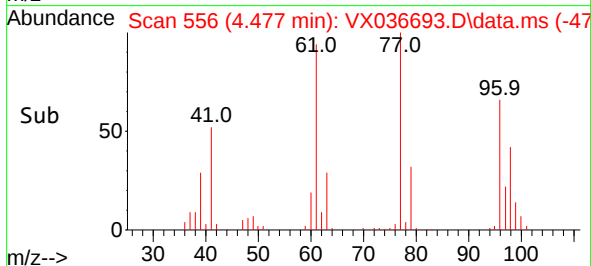
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



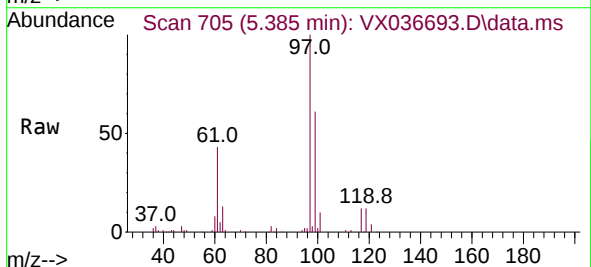
Tgt Ion: 77 Resp: 8535
Ion Ratio Lower Upper
77 100
97 22.7 18.6 27.8

Manual Integrations
APPROVED

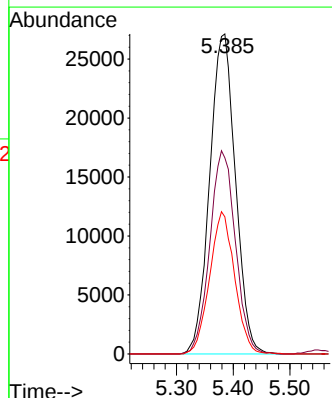
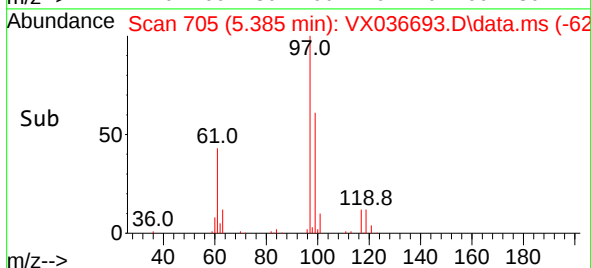
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

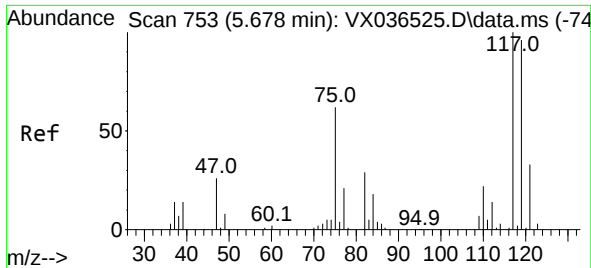


#32
1,1,1-Trichloroethane
Concen: 22.918 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20



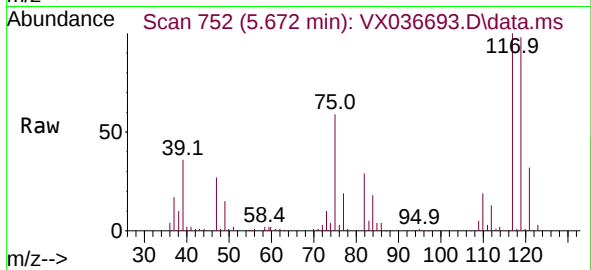
Tgt Ion: 97 Resp: 85673
Ion Ratio Lower Upper
97 100
99 63.2 51.5 77.3
61 43.0 35.8 53.8





#33
Carbon Tetrachloride
Concen: 22.959 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

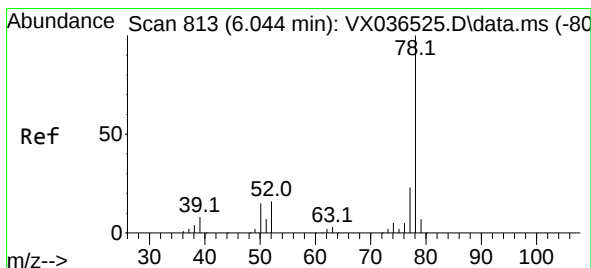
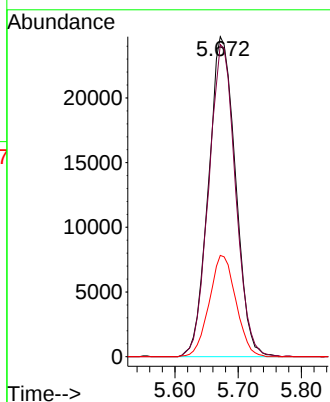
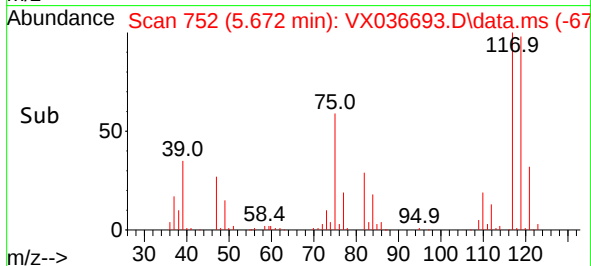
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:117 Resp: 7322
Ion Ratio Lower Upper
117 100
119 97.6 76.6 115.0
121 31.6 26.5 39.7

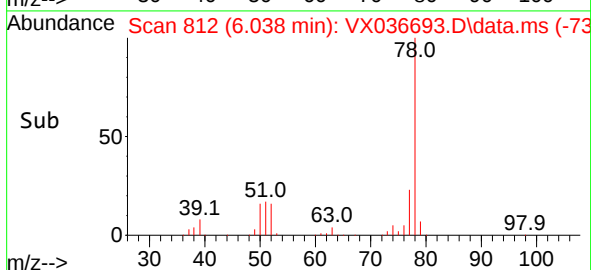
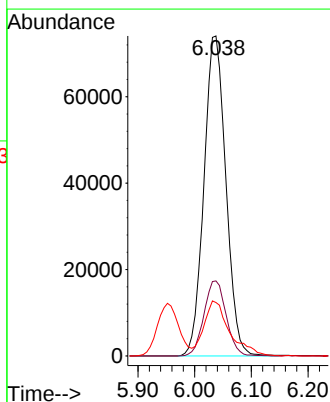
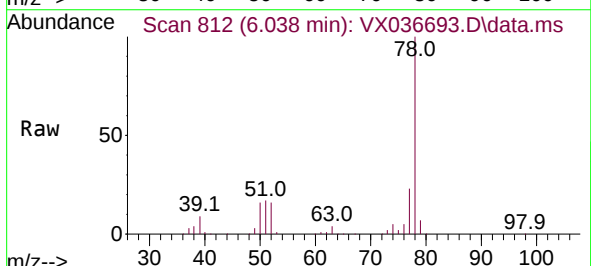
Manual Integrations
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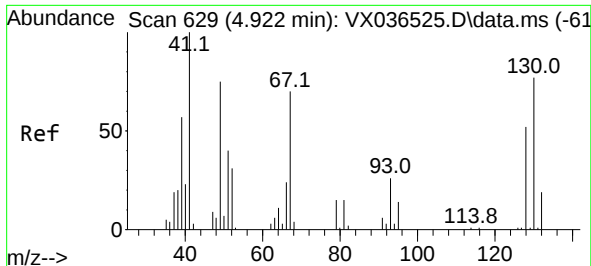
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#34
Benzene
Concen: 20.533 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Tgt Ion: 78 Resp: 199110
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1
51 16.6 14.2 21.4





#35

Methacrylonitrile

Concen: 19.515 ug/l

RT: 4.916 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX036693.D

Acq: 28 Jul 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 41 Resp: 40100

Ion Ratio Lower Upper

41 100

39 58.5 28.2 84.7

67 75.8 35.0 105.1

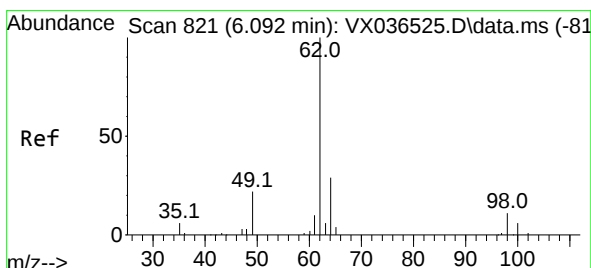
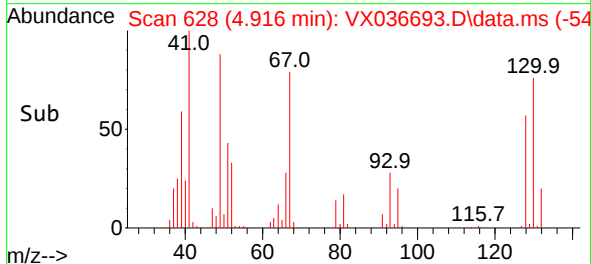
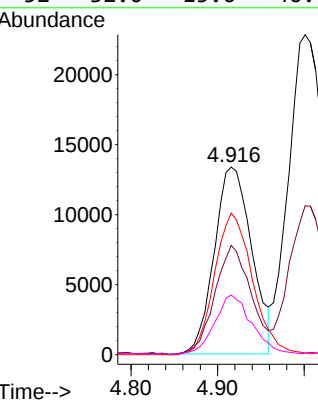
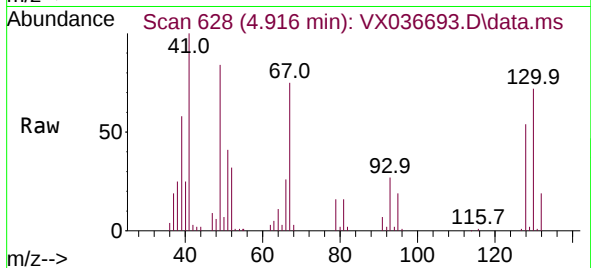
52 32.0 15.6 46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#36

1,2-Dichloroethane

Concen: 19.671 ug/l

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX036693.D

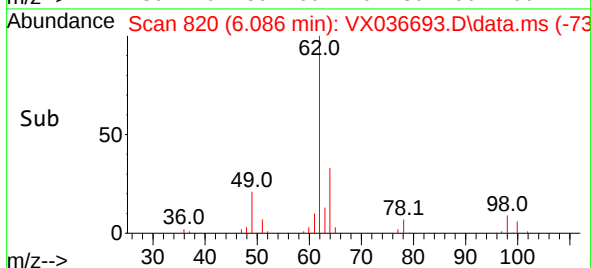
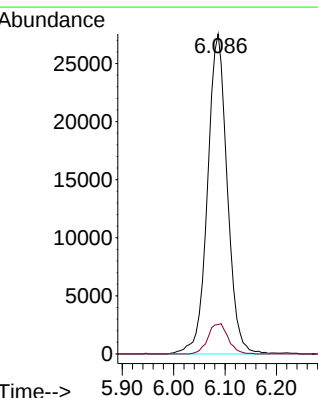
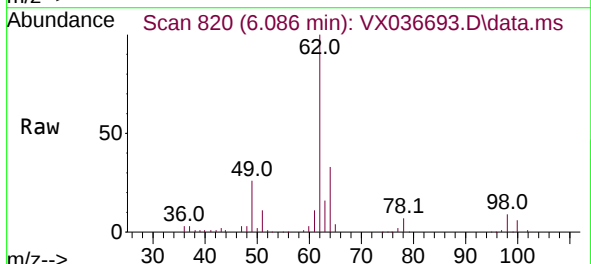
Acq: 28 Jul 2023 09:20

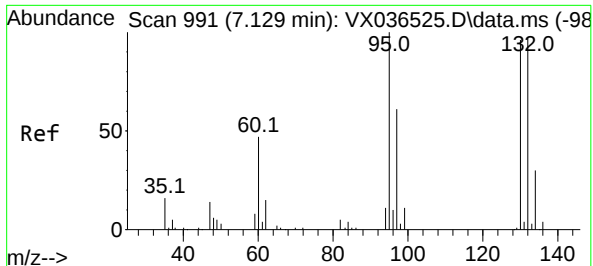
Tgt Ion: 62 Resp: 73242

Ion Ratio Lower Upper

62 100

98 9.7 7.0 10.6





#37

Trichloroethene

Concen: 21.032 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX036693.D

Acq: 28 Jul 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 53678

Ion Ratio Lower Upper

130 100

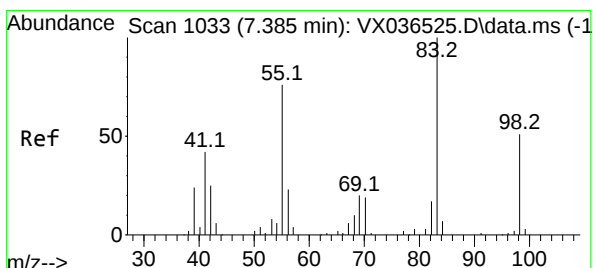
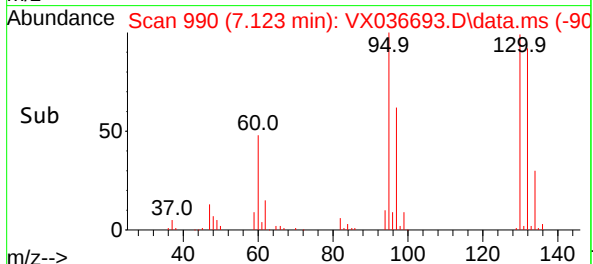
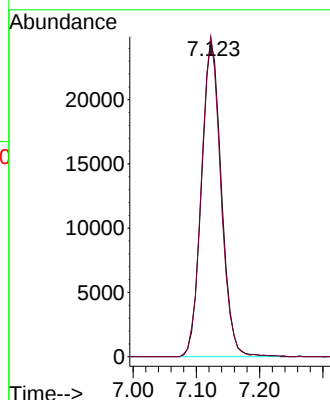
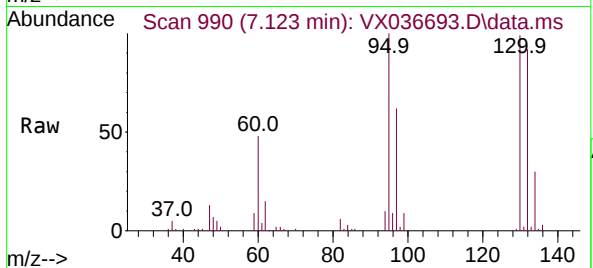
95 100.9 83.2 124.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#38

Methylcyclohexane

Concen: 23.575 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX036693.D

Acq: 28 Jul 2023 09:20

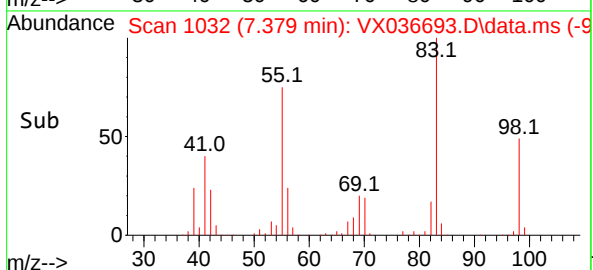
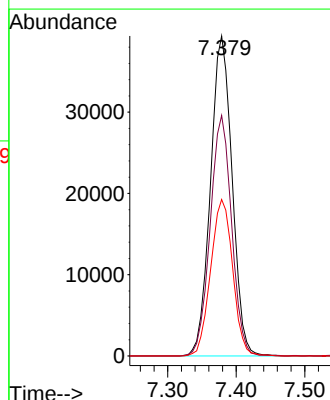
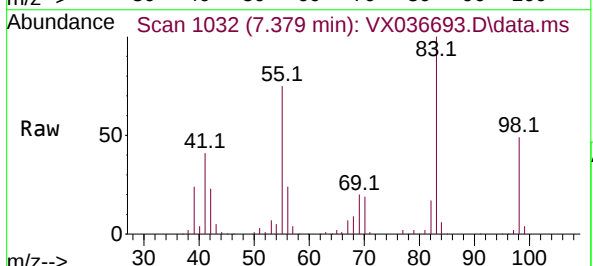
Tgt Ion: 83 Resp: 86280

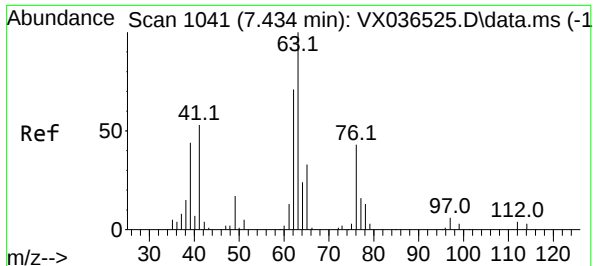
Ion Ratio Lower Upper

83 100

55 74.2 38.1 114.5

98 49.8 24.4 73.4





#39

1,2-Dichloropropane

Concen: 19.572 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036693.D

Acq: 28 Jul 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 5144

Ion Ratio Lower Upper

63 100

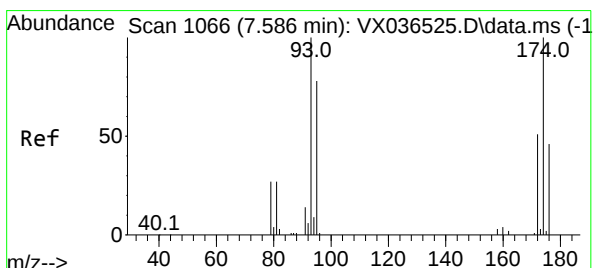
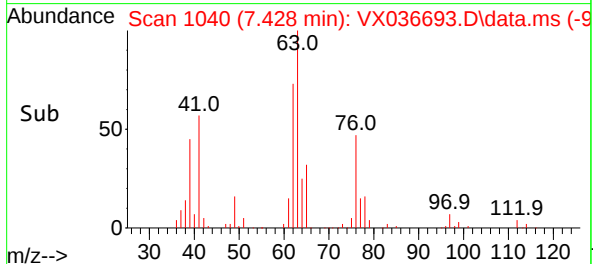
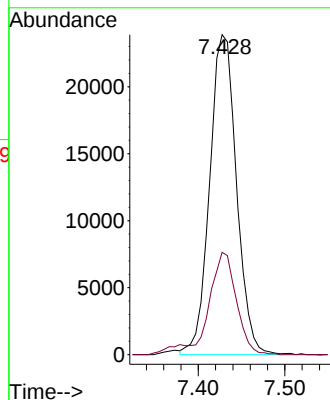
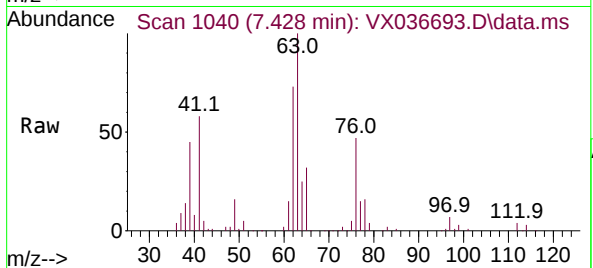
65 32.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#40

Dibromomethane

Concen: 19.739 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX036693.D

Acq: 28 Jul 2023 09:20

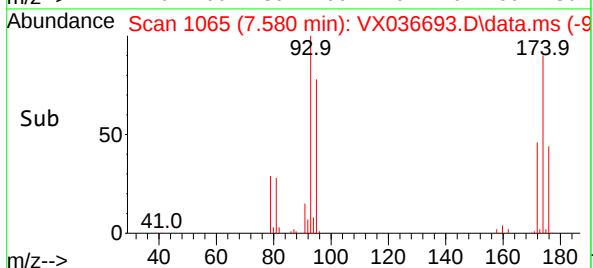
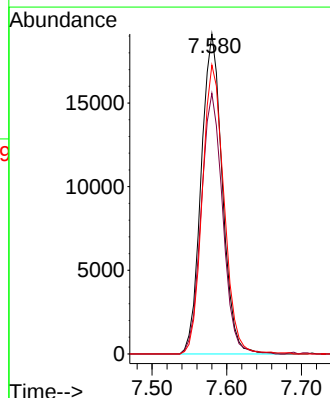
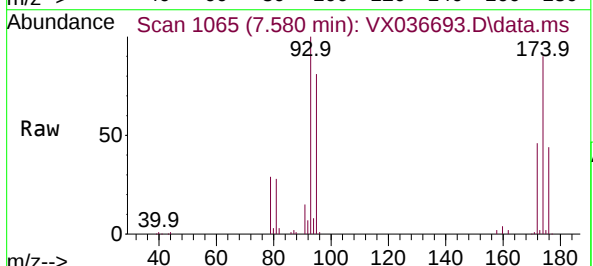
Tgt Ion: 93 Resp: 37582

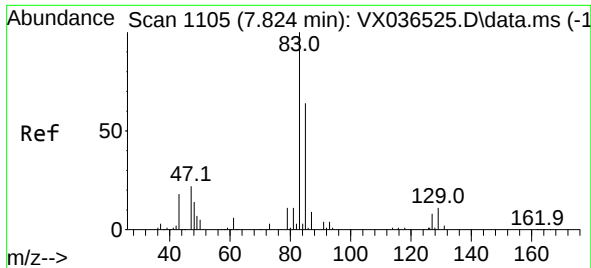
Ion Ratio Lower Upper

93 100

95 82.5 0.0 166.8

174 92.2 0.0 191.6





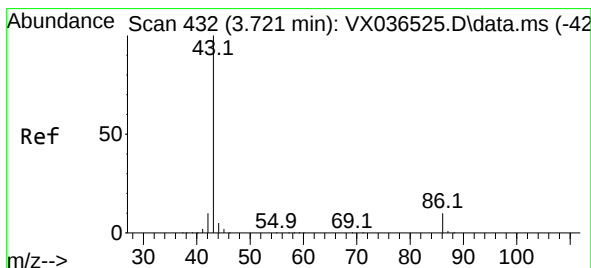
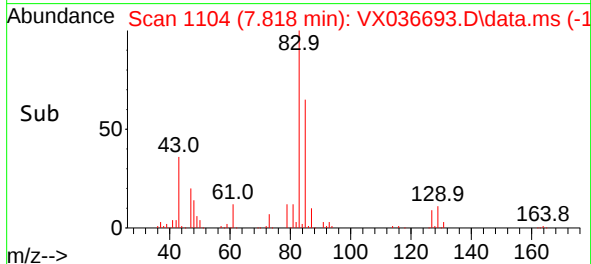
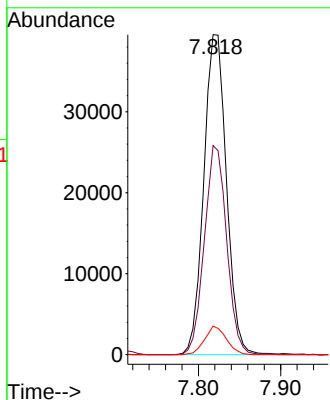
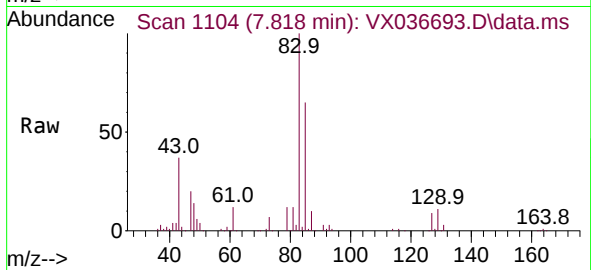
#41
Bromodichloromethane
Concen: 21.920 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 7574
Ion Ratio Lower Upper
83 100
85 65.4 51.5 77.3
127 8.9 6.4 9.6

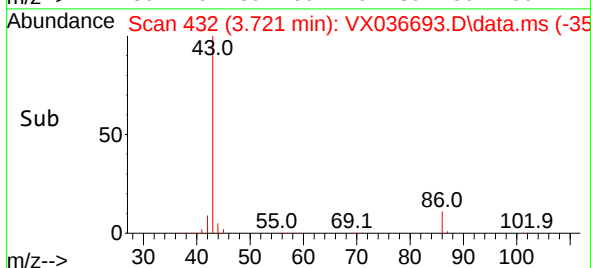
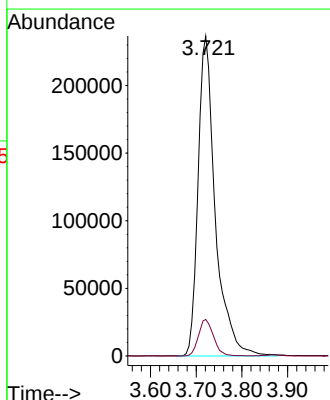
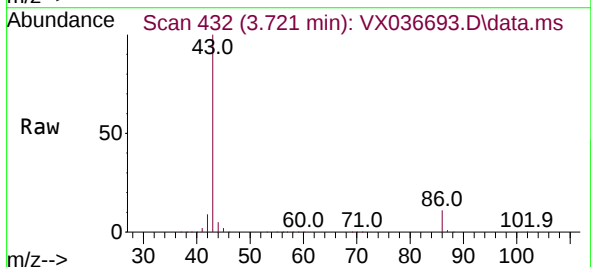
Manual Integrations
APPROVED

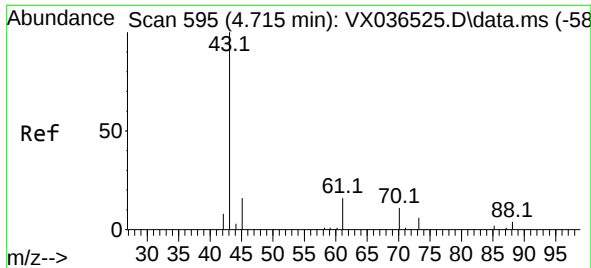
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42
Vinyl Acetate
Concen: 103.340 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Tgt Ion: 43 Resp: 618297
Ion Ratio Lower Upper
43 100
86 10.0 7.4 11.0





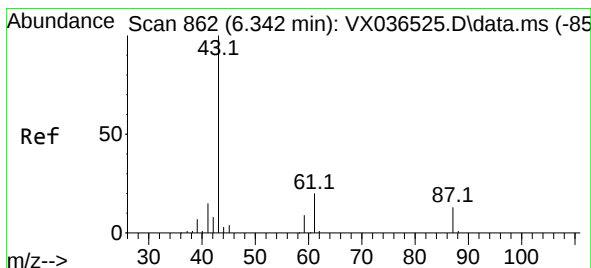
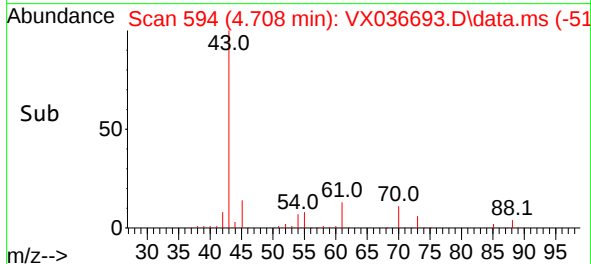
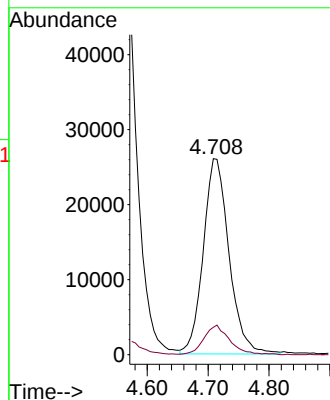
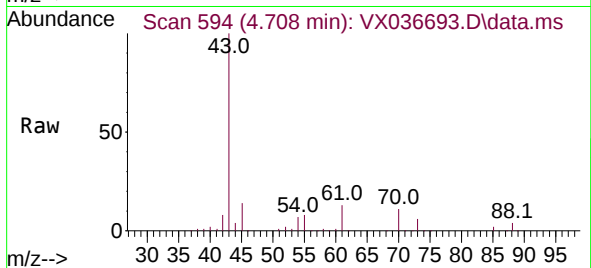
#43
Ethyl Acetate
Concen: 19.866 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 76597
Ion Ratio Lower Upper
43 100
45 14.2 12.6 18.8

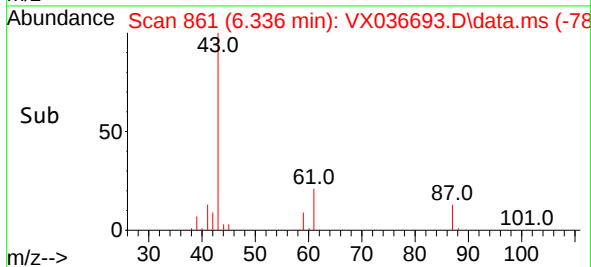
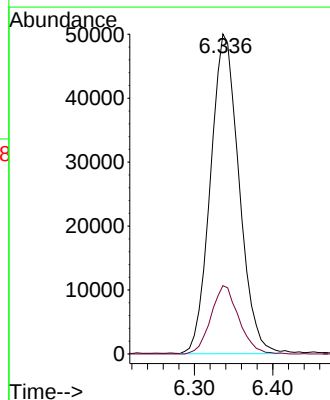
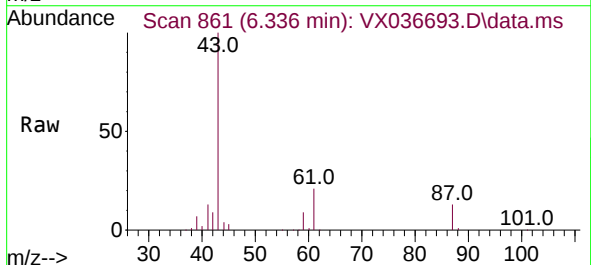
Manual Integrations
APPROVED

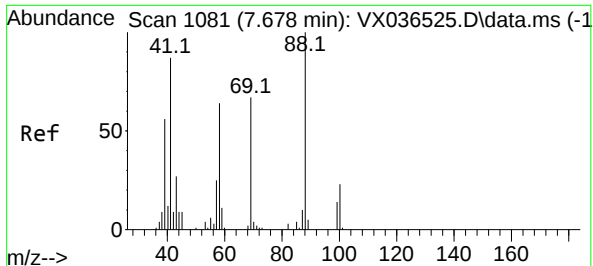
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#44
Isopropyl Acetate
Concen: 20.635 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

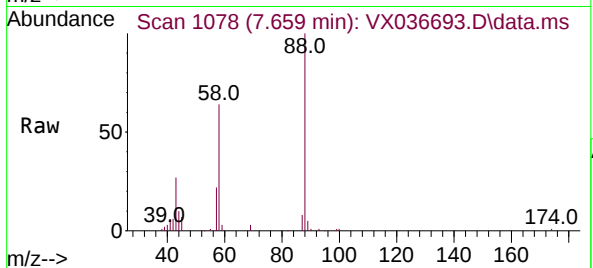
Tgt Ion: 43 Resp: 126885
Ion Ratio Lower Upper
43 100
61 20.8 15.4 23.0





#45
1,4-Dioxane
Concen: 410.299 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.018 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

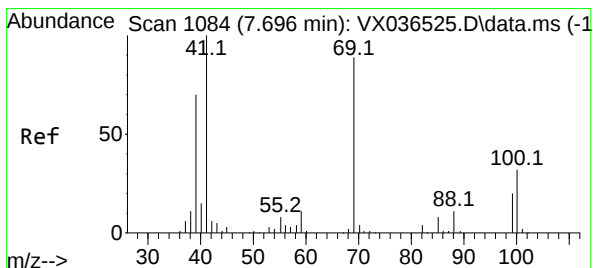
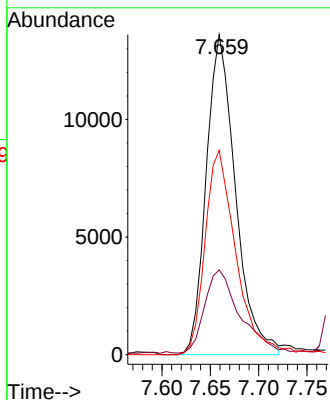
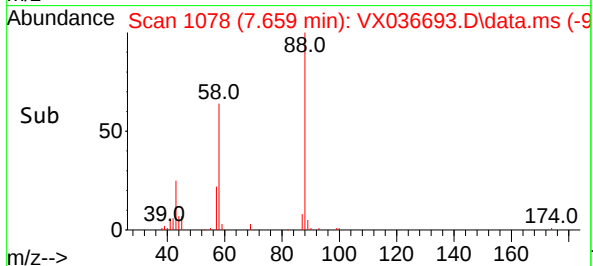
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 88 Resp: 28638
Ion Ratio Lower Upper
88 100
43 31.1 297.5 446.3
58 66.8 1.0 1.4

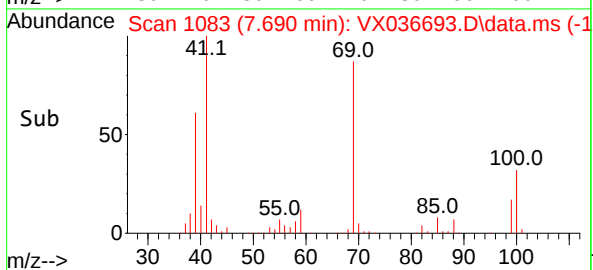
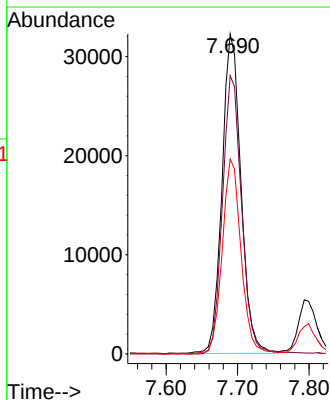
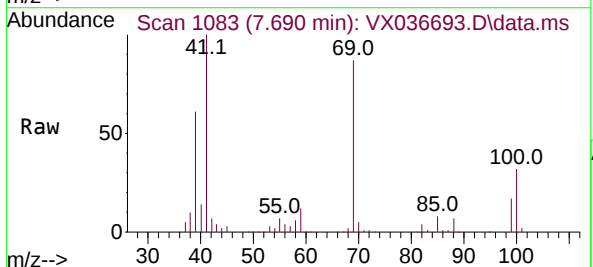
Manual Integrations
APPROVED

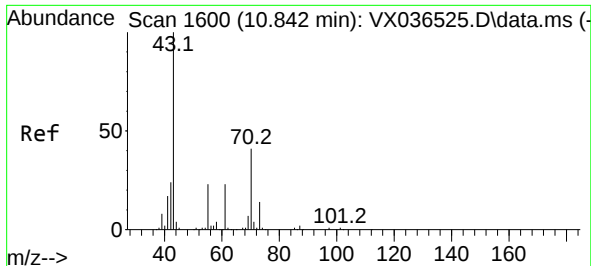
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#46
Methyl methacrylate
Concen: 20.178 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

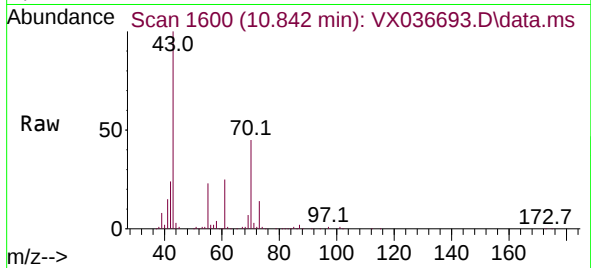
Tgt Ion: 41 Resp: 59301
Ion Ratio Lower Upper
41 100
69 87.1 44.4 133.1
39 61.0 34.9 104.7





#47
n-amy1 Acetate
Concen: 20.641 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

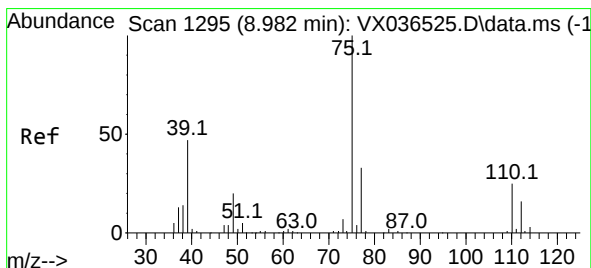
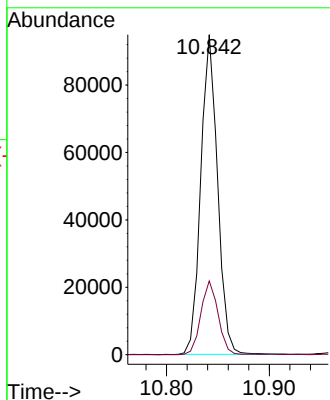
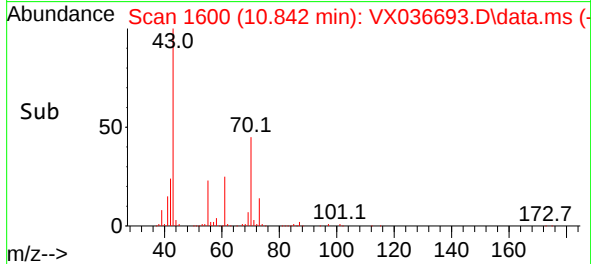
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 10765
Ion Ratio Lower Upper
43 100
55 23.6 18.6 28.0

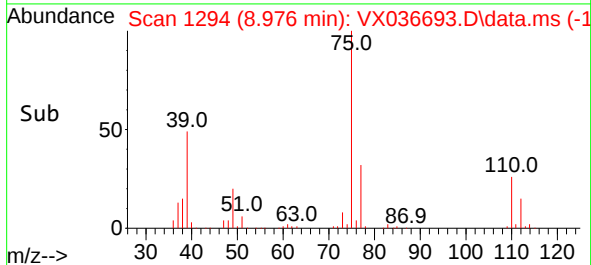
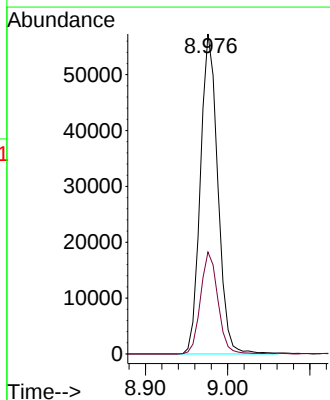
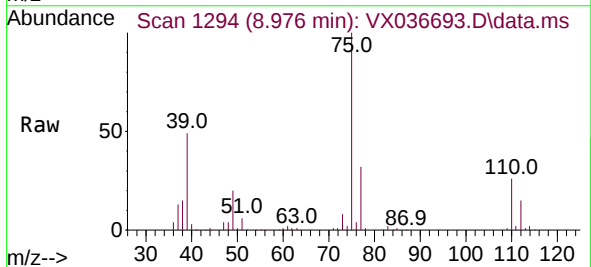
Manual Integrations
APPROVED

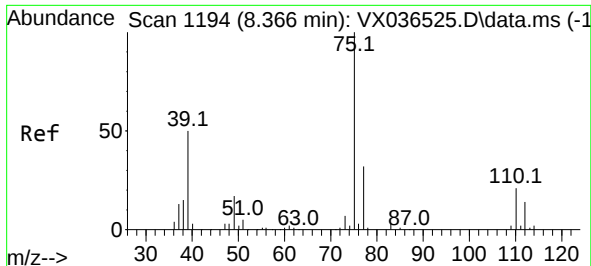
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#48
t-1,3-Dichloropropene
Concen: 22.244 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Tgt Ion: 75 Resp: 84304
Ion Ratio Lower Upper
75 100
77 31.9 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 21.790 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036693.D

Acq: 28 Jul 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 89208

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

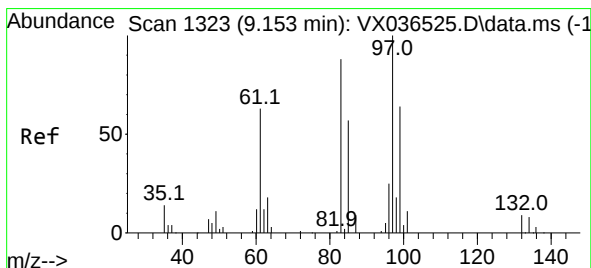
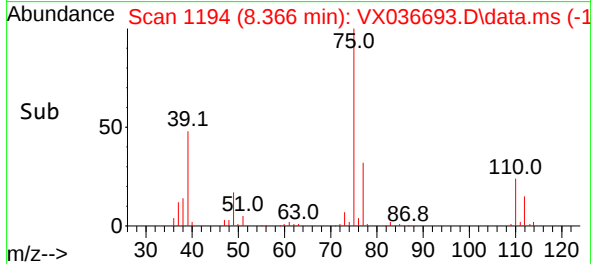
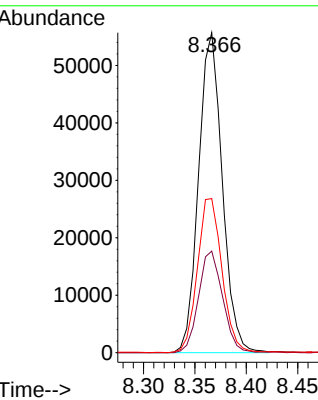
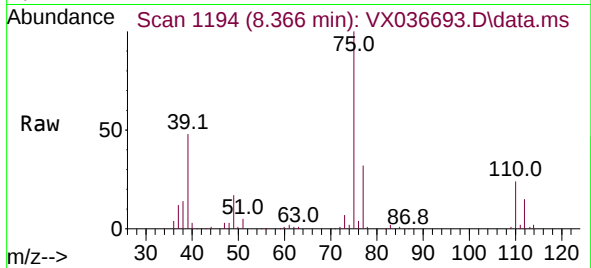
39 48.1 40.2 60.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

1,1,2-Trichloroethane

Concen: 20.230 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX036693.D

Acq: 28 Jul 2023 09:20

Tgt Ion: 97 Resp: 52287

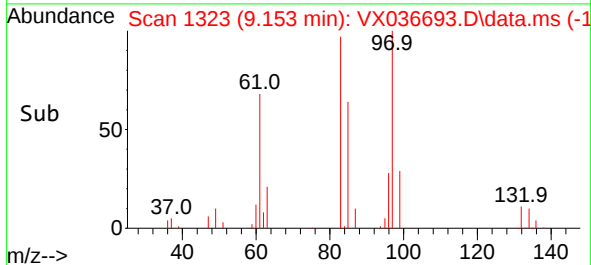
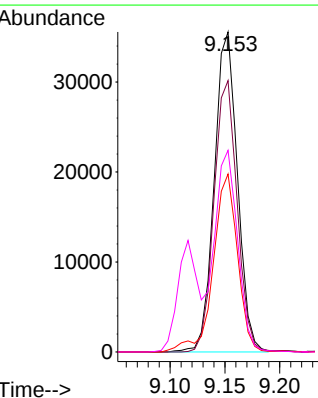
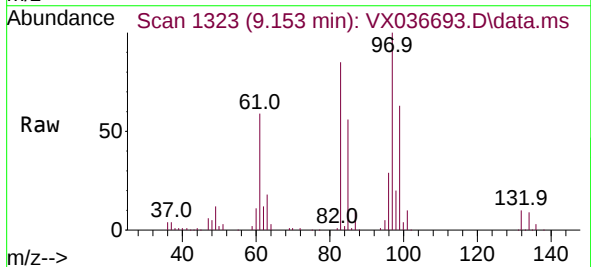
Ion Ratio Lower Upper

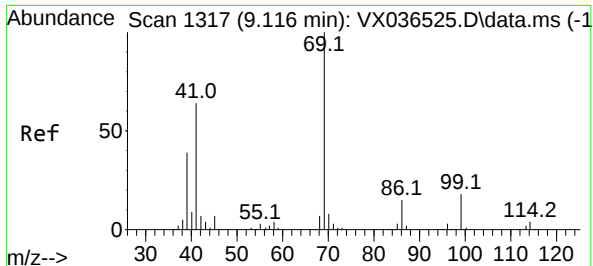
97 100

83 84.8 70.0 105.0

85 55.4 46.1 69.1

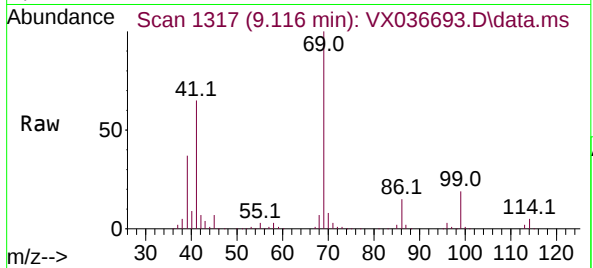
99 62.6 52.5 78.7





#51
Ethyl methacrylate
Concen: 21.274 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

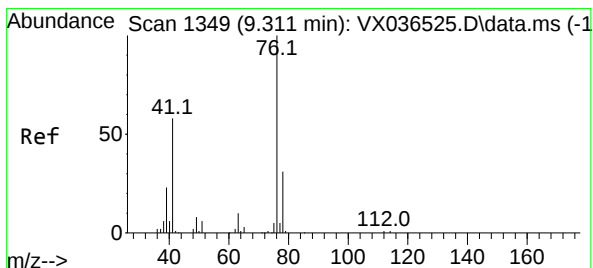
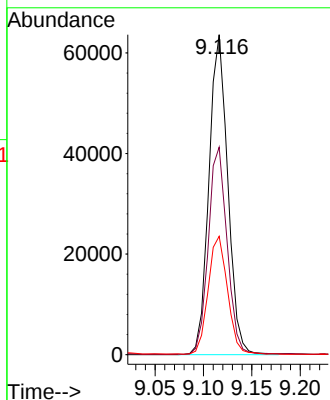
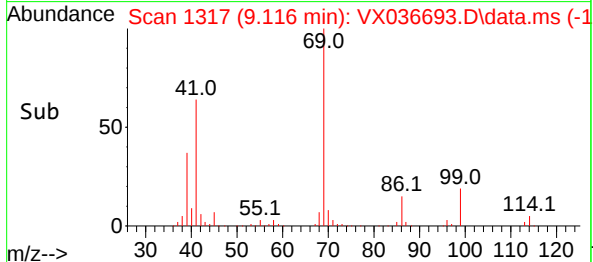
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



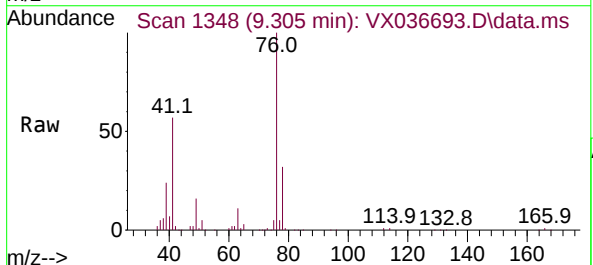
Tgt Ion: 69 Resp: 8632
Ion Ratio Lower Upper
69 100
41 64.7 32.0 96.0
39 36.8 19.4 58.4

Manual Integrations
APPROVED

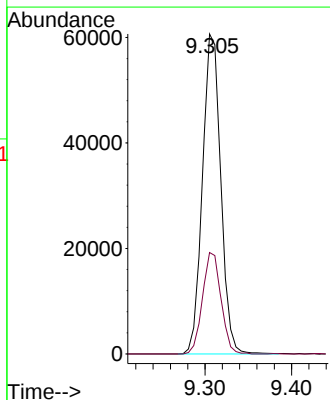
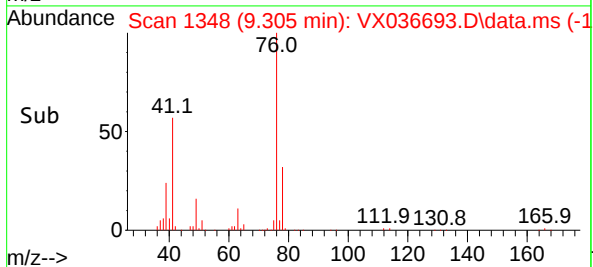
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

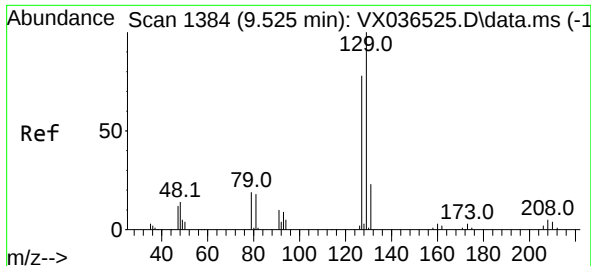


#52
1,3-Dichloropropane
Concen: 20.430 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20



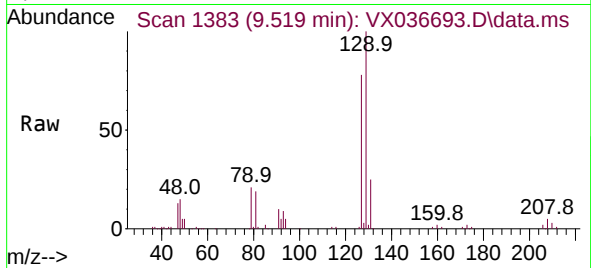
Tgt Ion: 76 Resp: 89111
Ion Ratio Lower Upper
76 100
78 31.9 0.0 63.6





#53
Dibromochloromethane
Concen: 22.116 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

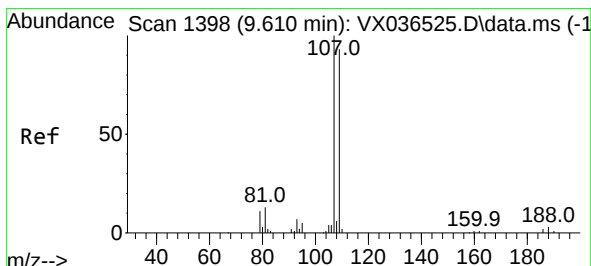
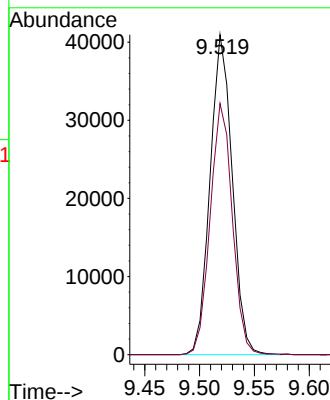
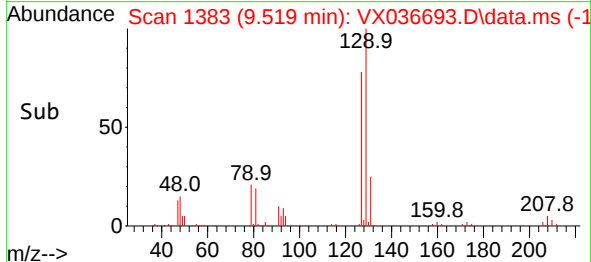
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:129 Resp: 5769
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8

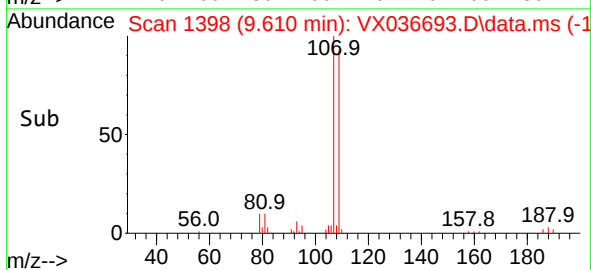
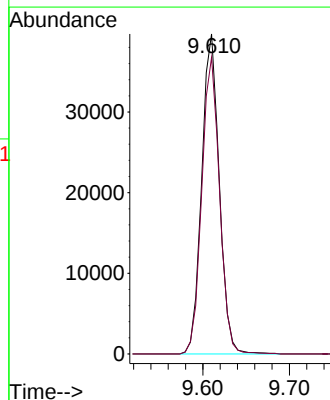
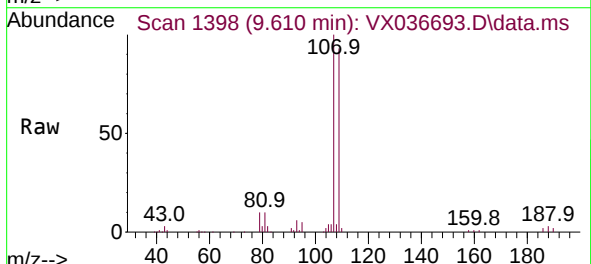
Manual Integrations
APPROVED

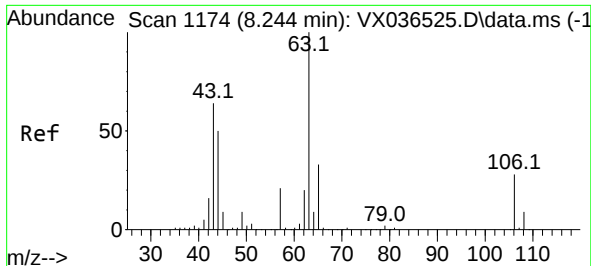
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#54
1,2-Dibromoethane
Concen: 20.606 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

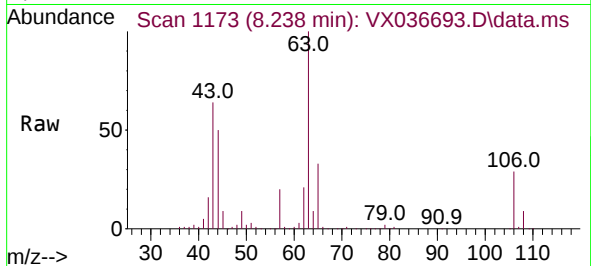
Tgt Ion:107 Resp: 55949
Ion Ratio Lower Upper
107 100
109 93.4 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 91.460 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

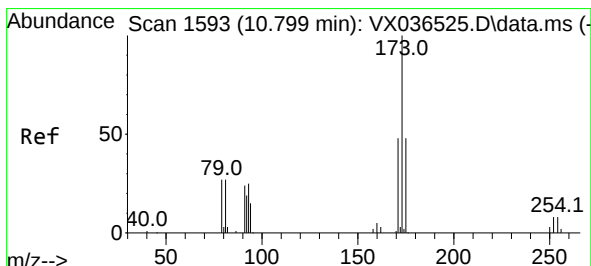
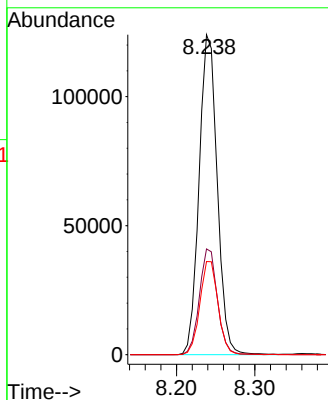
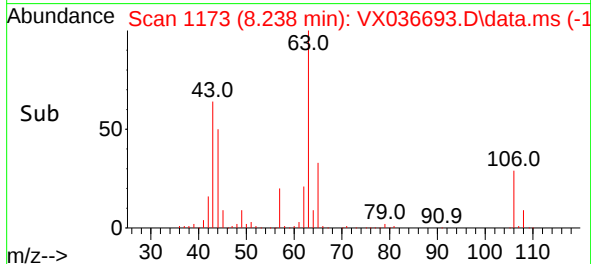
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 199590
Ion Ratio Lower Upper
63 100
65 32.4 25.9 38.9
106 29.1 21.8 32.8

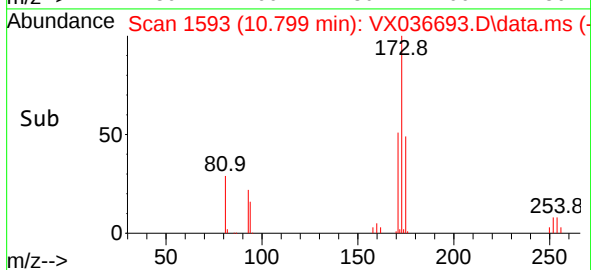
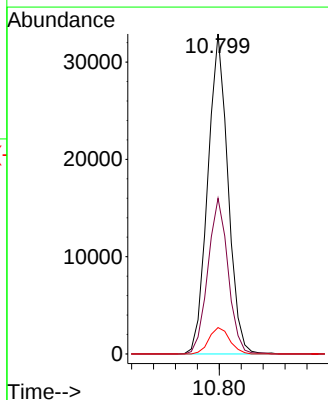
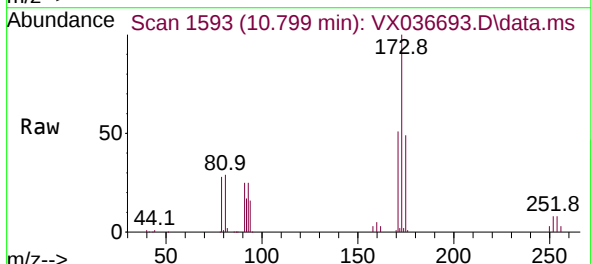
Manual Integrations
APPROVED

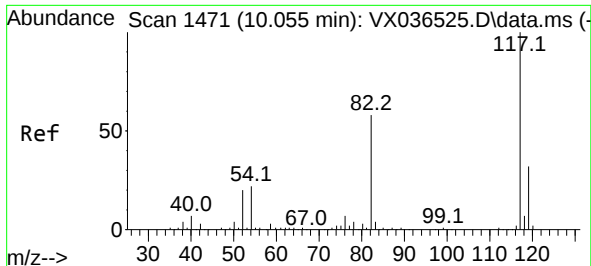
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
Bromoform
Concen: 23.113 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

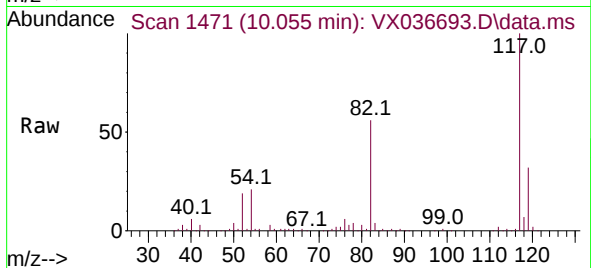
Tgt Ion:173 Resp: 41950
Ion Ratio Lower Upper
173 100
175 48.6 38.1 57.1
254 8.5 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

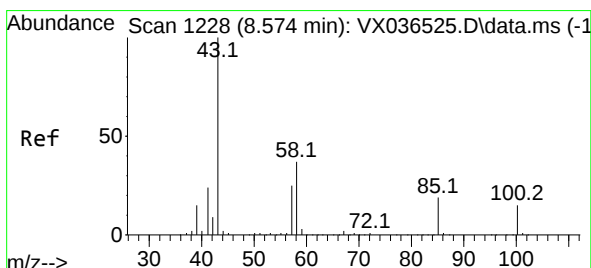
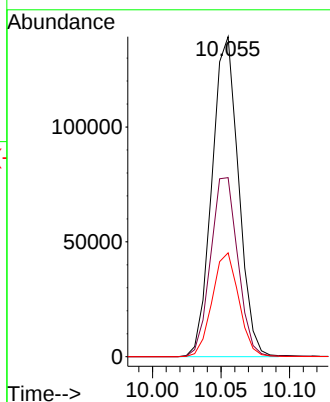
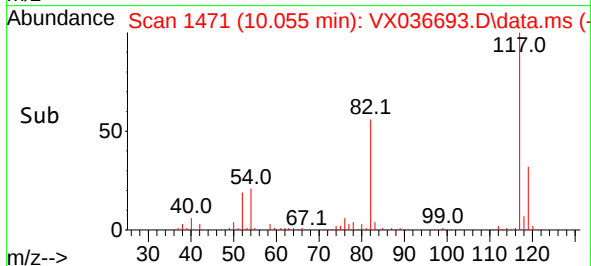
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 188425
Ion Ratio Lower Upper
117 100
82 57.2 44.7 67.1
119 32.4 25.6 38.4

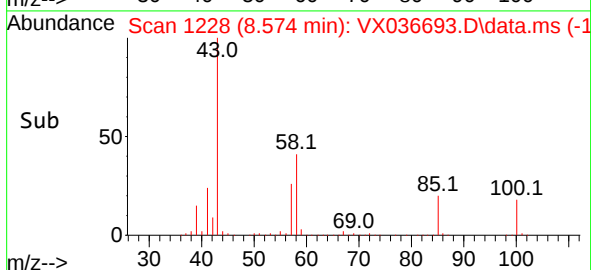
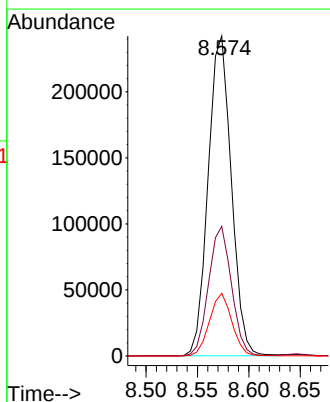
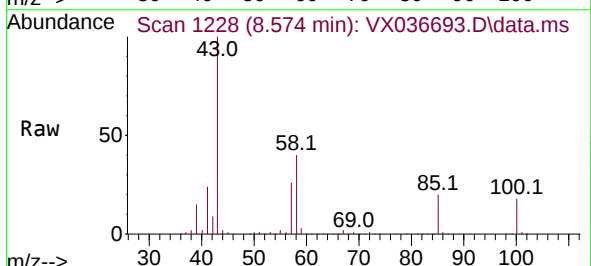
Manual Integrations
APPROVED

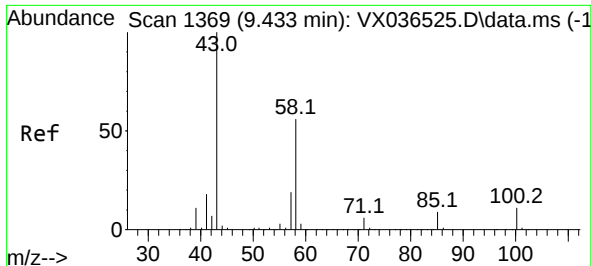
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#58
4-Methyl-2-Pentanone
Concen: 97.622 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

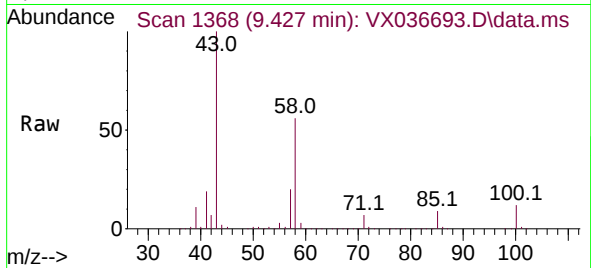
Tgt Ion: 43 Resp: 380371
Ion Ratio Lower Upper
43 100
58 40.0 30.9 46.3
85 19.0 14.4 21.6





#59
2-Hexanone
Concen: 102.893 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

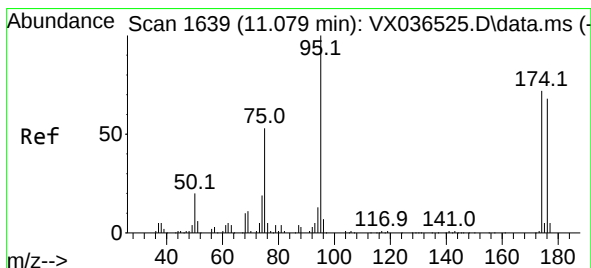
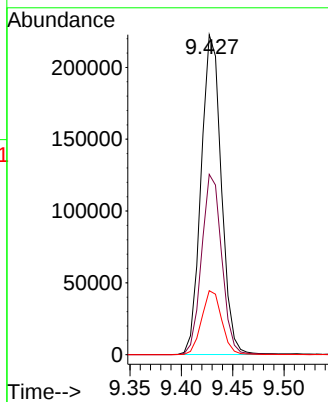
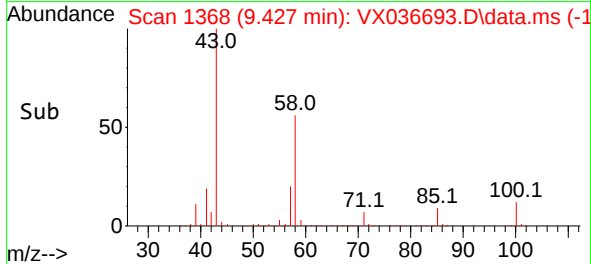
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 304998
Ion Ratio Lower Upper
43 100
58 56.2 43.4 65.2
57 19.8 15.1 22.7

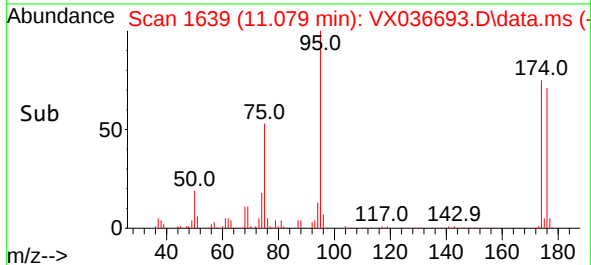
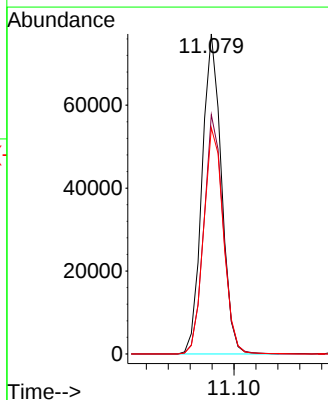
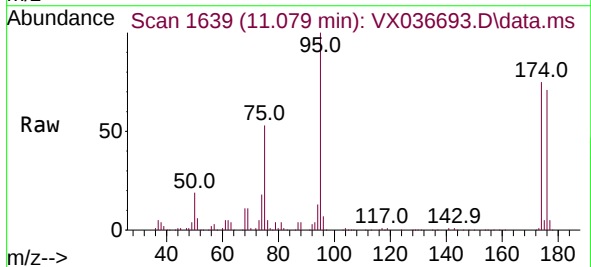
Manual Integrations
APPROVED

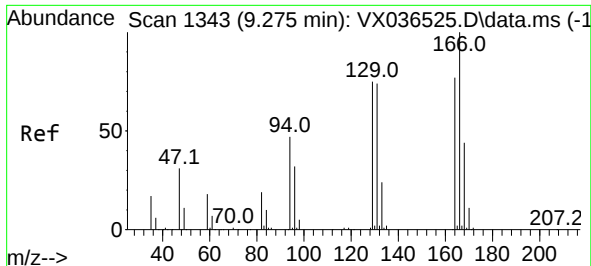
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
4-Bromofluorobenzene
Concen: 30.956 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

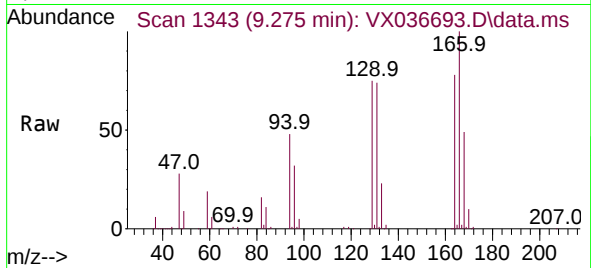
Tgt Ion: 95 Resp: 94615
Ion Ratio Lower Upper
95 100
174 74.2 60.5 90.7
176 72.2 58.2 87.4





#61
Tetrachloroethene
Concen: 20.960 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

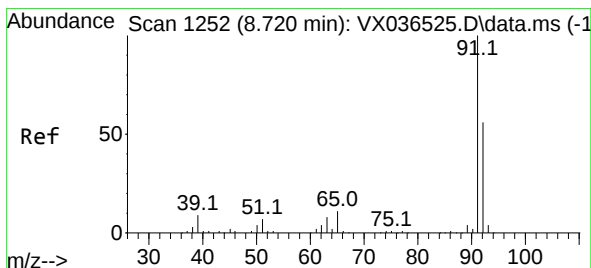
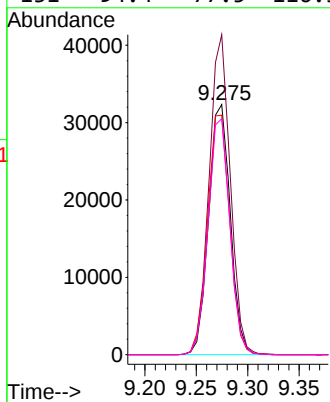
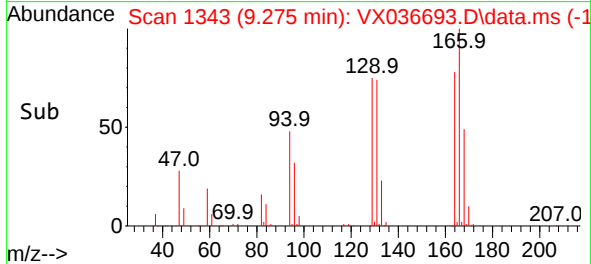
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 47304
Ion Ratio Lower Upper
164 100
166 127.9 104.5 156.7
129 95.8 78.0 117.0
131 94.4 77.5 116.3

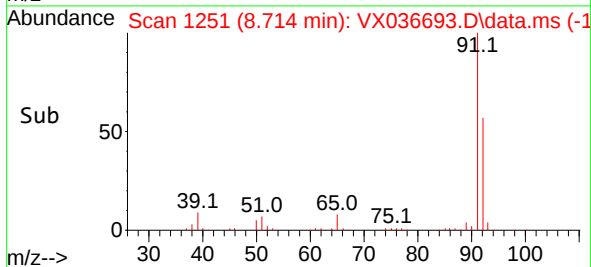
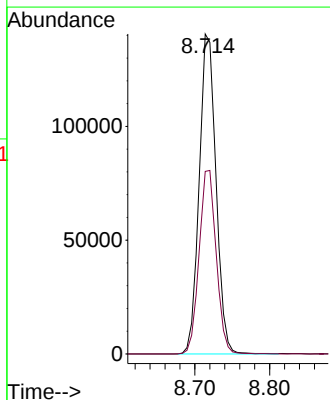
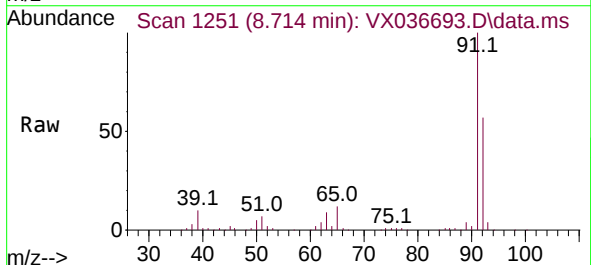
Manual Integrations
APPROVED

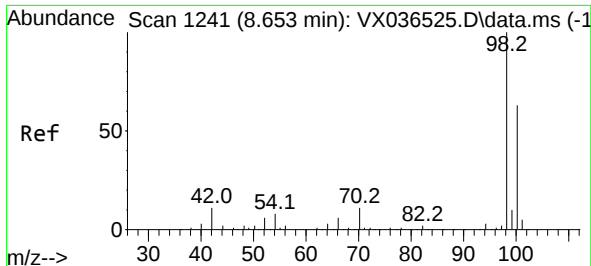
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
Toluene
Concen: 20.775 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Tgt Ion: 91 Resp: 219632
Ion Ratio Lower Upper
91 100
92 58.4 44.9 67.3





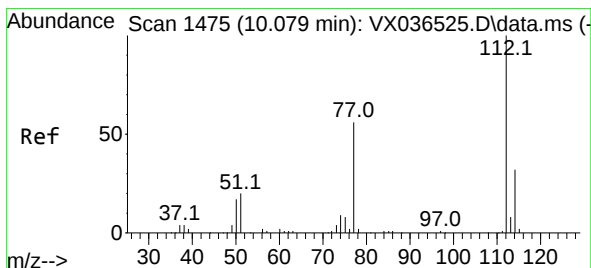
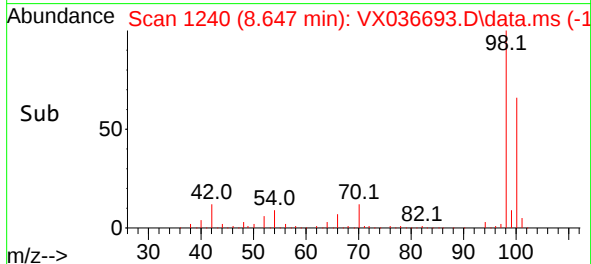
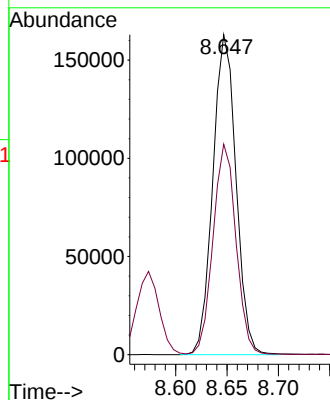
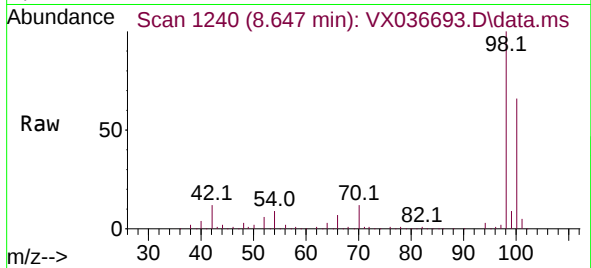
#63
Toluene-d8
Concen: 29.427 ug/l
RT: 8.647 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 98 Resp: 25515
Ion Ratio Lower Upper
98 100
100 65.3 51.6 77.4

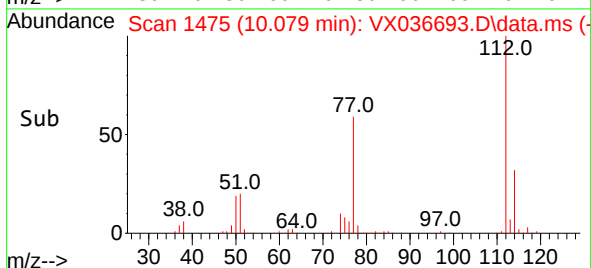
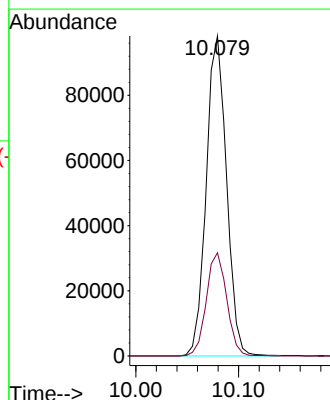
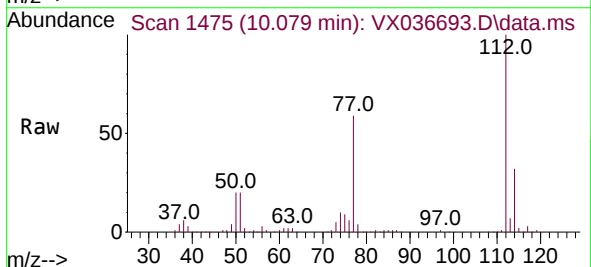
Manual Integrations
APPROVED

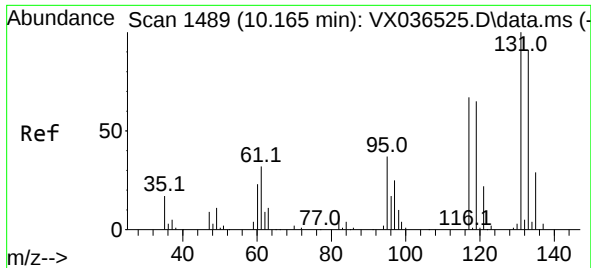
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#64
Chlorobenzene
Concen: 20.467 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Tgt Ion:112 Resp: 134710
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6





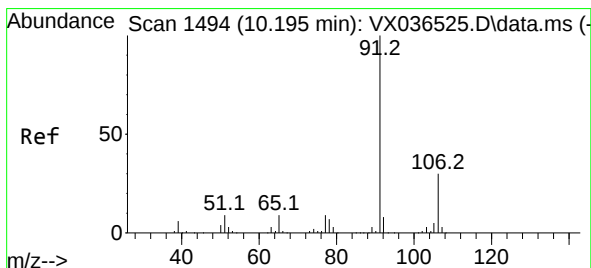
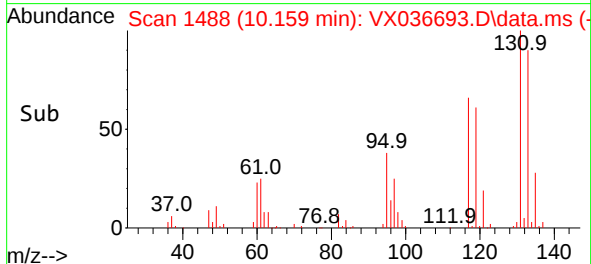
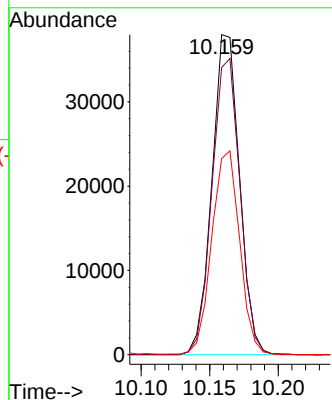
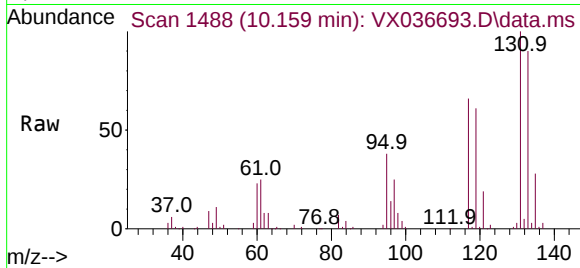
#65
1,1,1,2-Tetrachloroethane
Concen: 22.384 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 53208
Ion Ratio Lower Upper
131 100
133 93.9 0.0 192.0
119 64.4 0.0 132.8

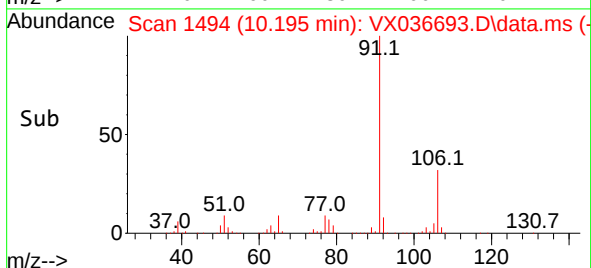
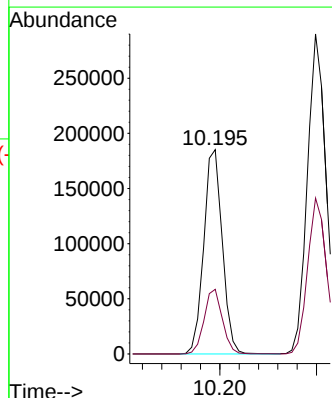
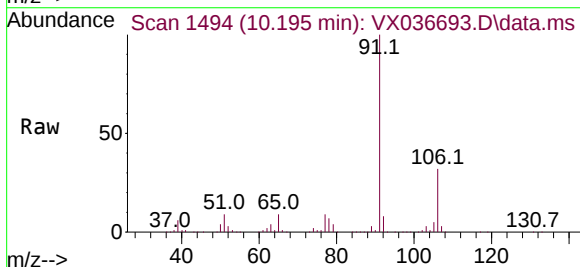
Manual Integrations
APPROVED

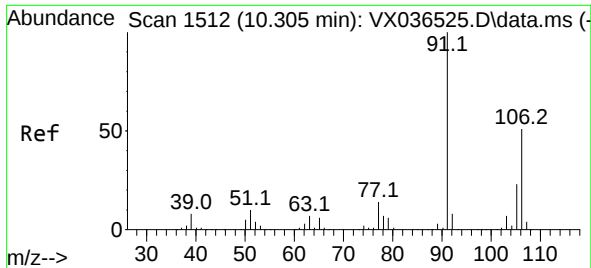
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
Ethyl Benzene
Concen: 21.498 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Tgt Ion: 91 Resp: 247013
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.4





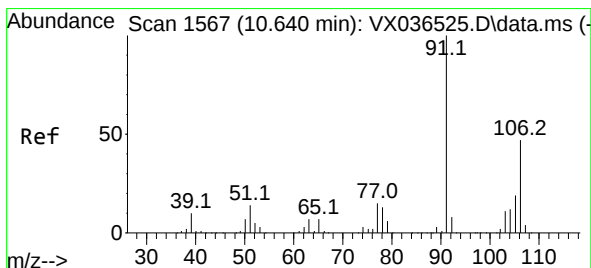
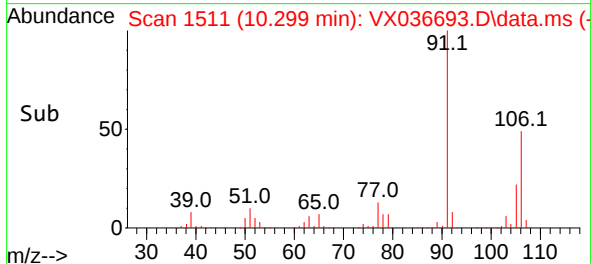
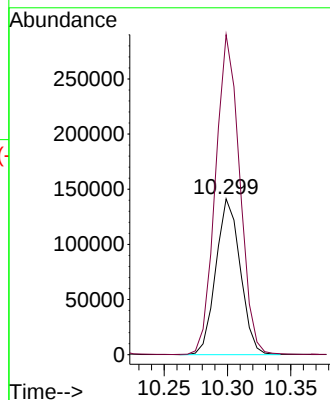
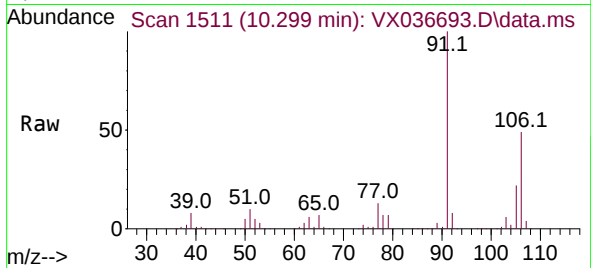
#67
m/p-Xylenes
Concen: 42.307 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 18950
Ion Ratio Lower Upper
106 100
91 204.1 160.5 240.7

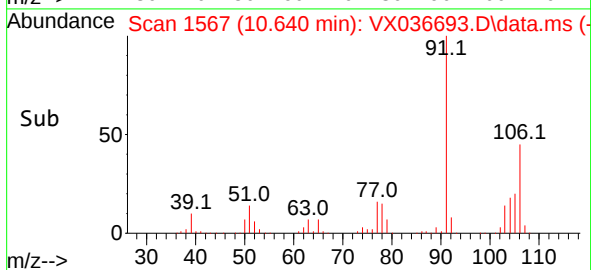
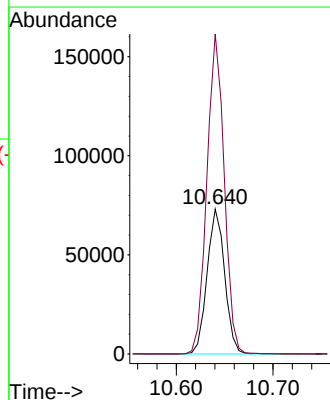
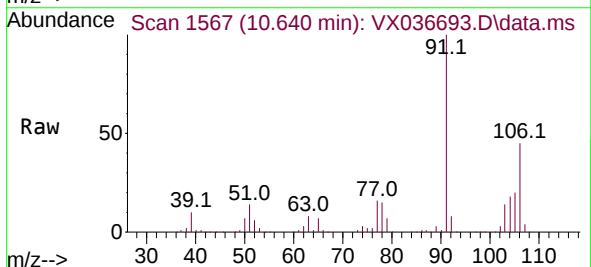
Manual Integrations
APPROVED

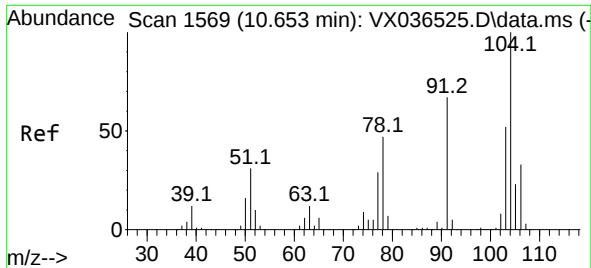
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#68
o-Xylene
Concen: 20.831 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Tgt Ion:106 Resp: 92607
Ion Ratio Lower Upper
106 100
91 217.5 105.4 316.1





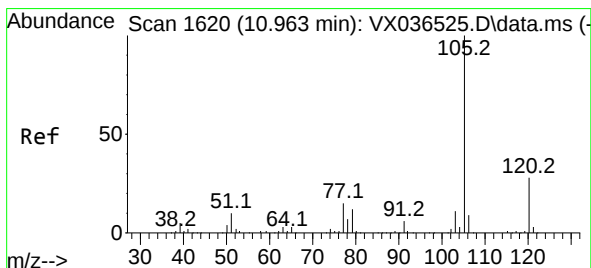
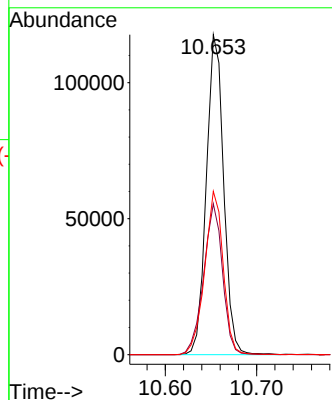
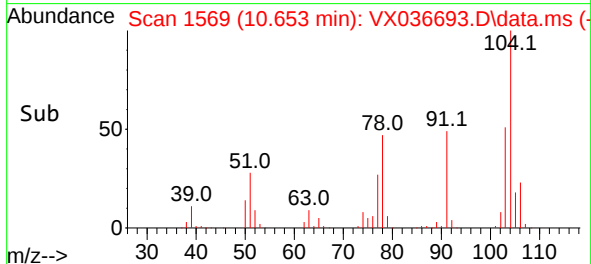
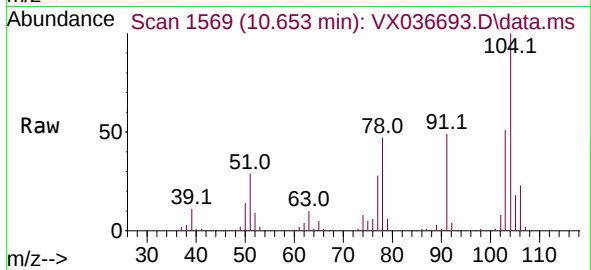
#69
Styrene
Concen: 21.442 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 154548
Ion Ratio Lower Upper
104 100
78 51.6 41.0 61.4
103 54.7 45.5 68.3

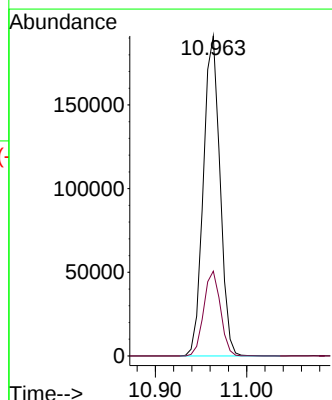
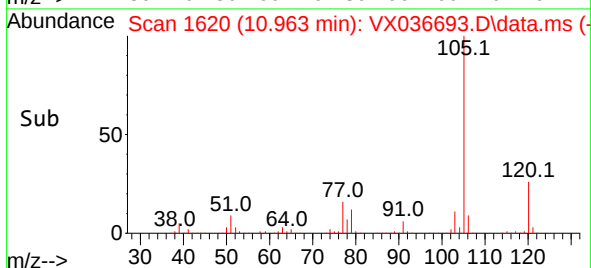
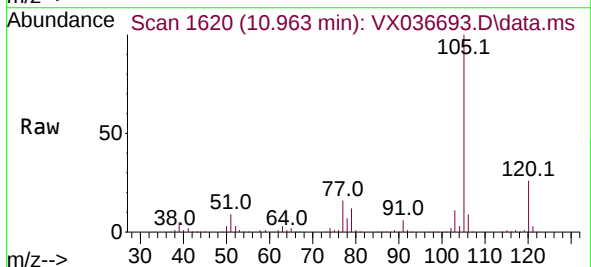
Manual Integrations
APPROVED

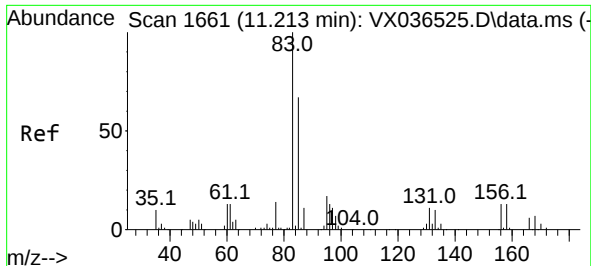
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
Isopropylbenzene
Concen: 21.783 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Tgt Ion:105 Resp: 241185
Ion Ratio Lower Upper
105 100
120 26.6 19.5 36.3





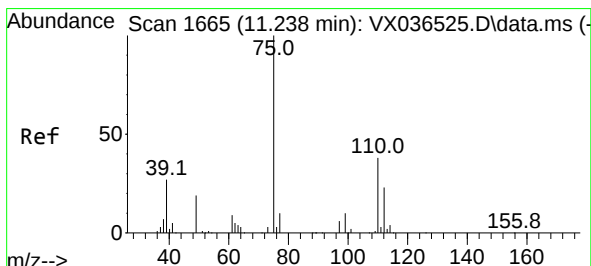
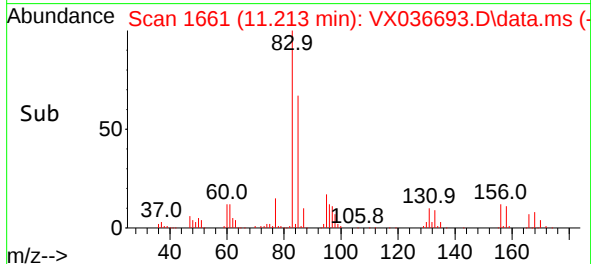
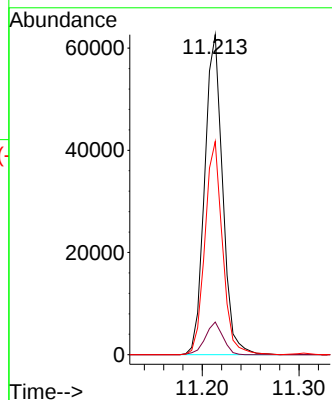
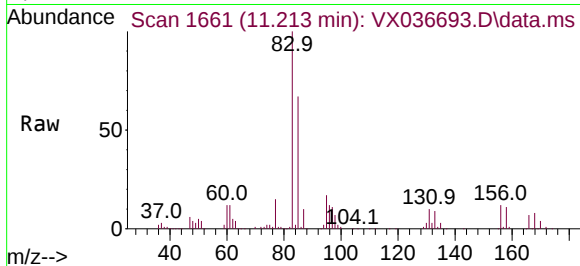
#71
1,1,2,2-Tetrachloroethane
Concen: 20.048 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 81019
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 65.3 32.4 97.0

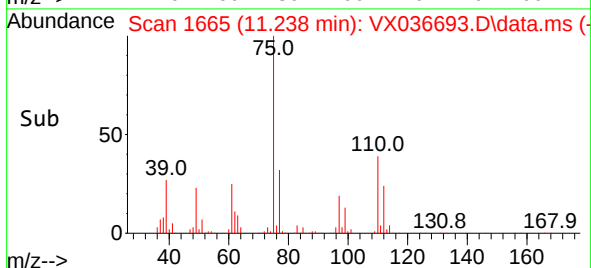
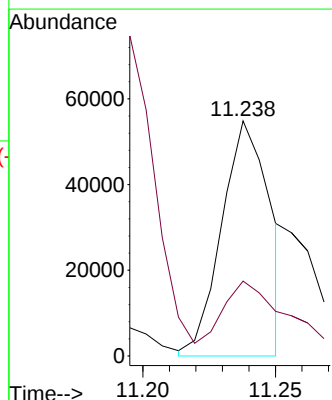
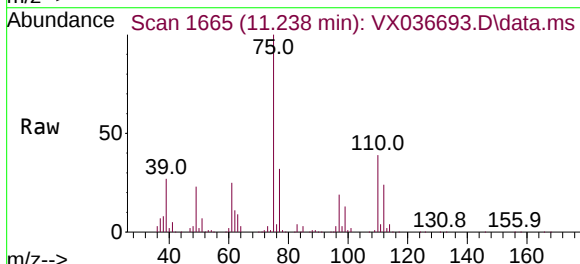
Manual Integrations
APPROVED

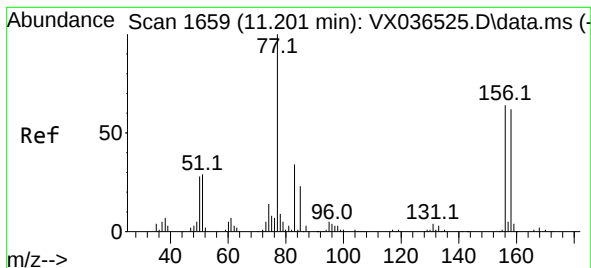
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#72
1,2,3-Trichloropropane
Concen: 18.479 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Tgt Ion: 75 Resp: 69202
Ion Ratio Lower Upper
75 100
77 44.4 0.0 77.2





#73

Bromobenzene

Concen: 20.213 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX036693.D

Acq: 28 Jul 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

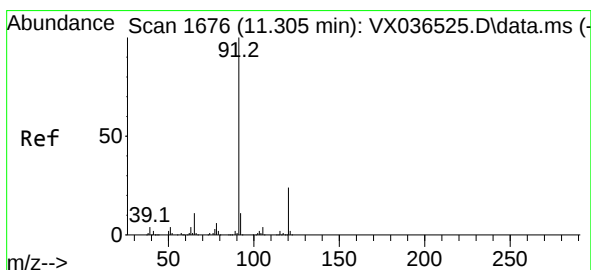
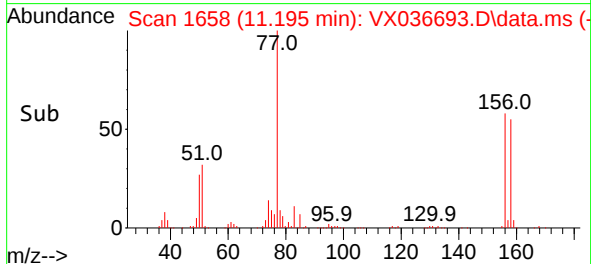
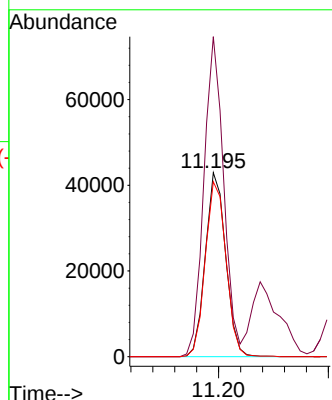
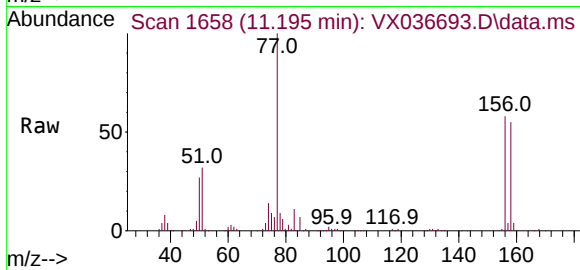
Tgt Ion:	156	Resp:	5532
Ion Ratio	Lower	Upper	
156	100		
77	169.1	0.0	333.0
158	97.1	0.0	196.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/31/2023



#74

n-propylbenzene

Concen: 22.129 ug/l

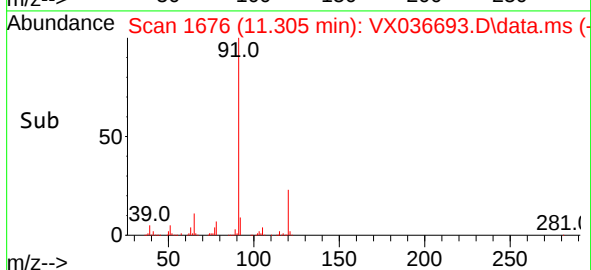
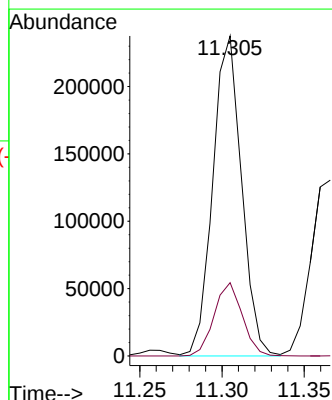
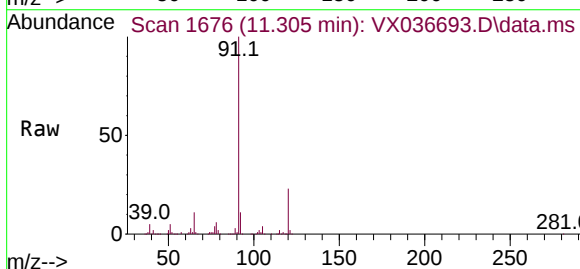
RT: 11.305 min Scan# 1676

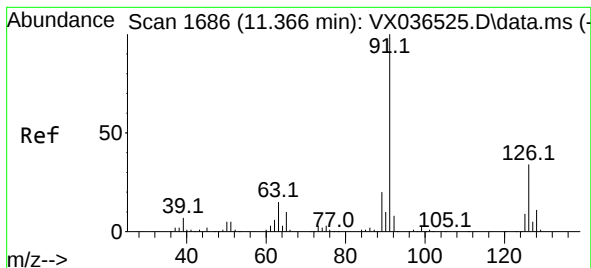
Delta R.T. -0.000 min

Lab File: VX036693.D

Acq: 28 Jul 2023 09:20

Tgt Ion:	91	Resp:	288383
Ion Ratio	Lower	Upper	
91	100		
120	22.5	0.0	46.6





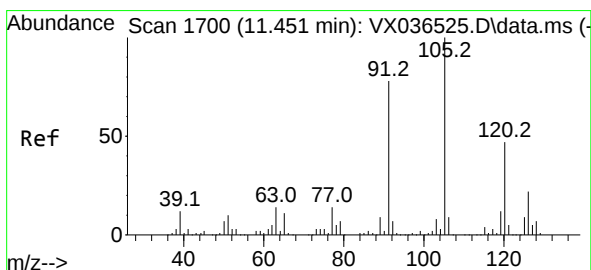
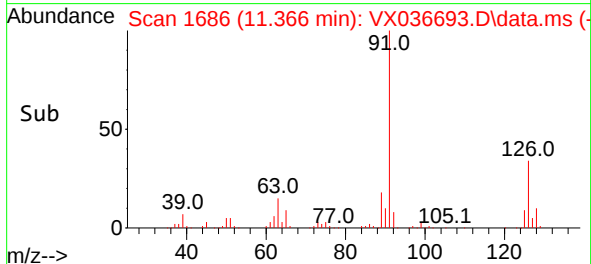
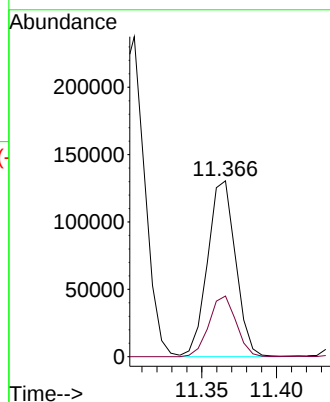
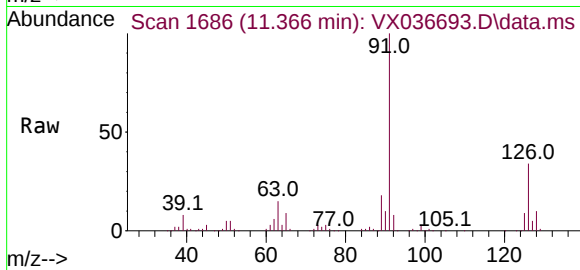
#75
2-Chlorotoluene
Concen: 21.483 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 170254
Ion Ratio Lower Upper
91 100
126 33.4 0.0 66.2

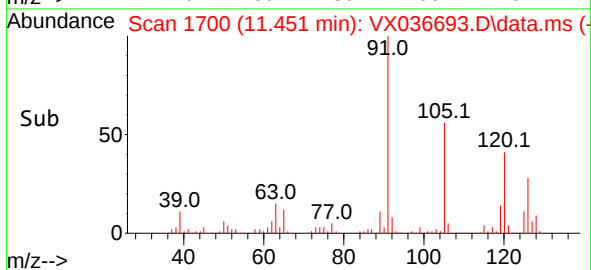
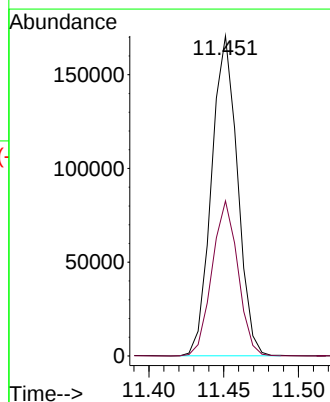
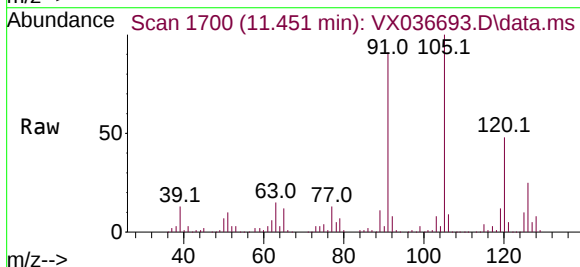
Manual Integrations
APPROVED

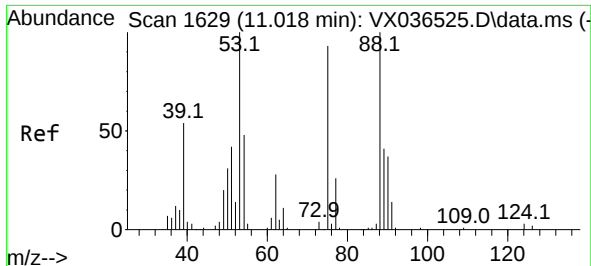
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#76
1,3,5-Trimethylbenzene
Concen: 21.640 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

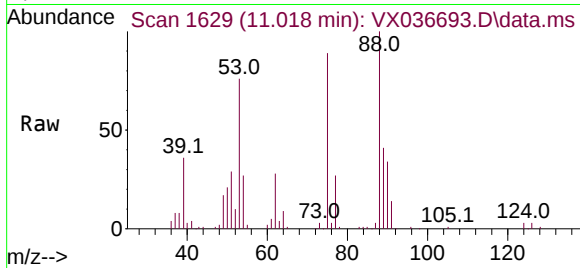
Tgt Ion:105 Resp: 205888
Ion Ratio Lower Upper
105 100
120 48.3 0.0 96.4





#77
t-1,4-Dichloro-2-butene
Concen: 23.680 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

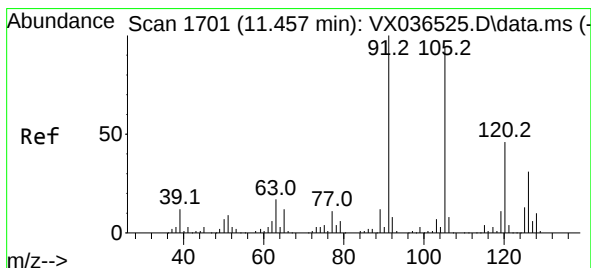
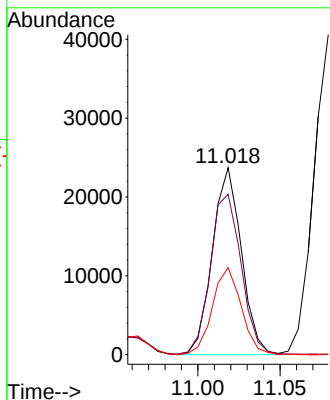
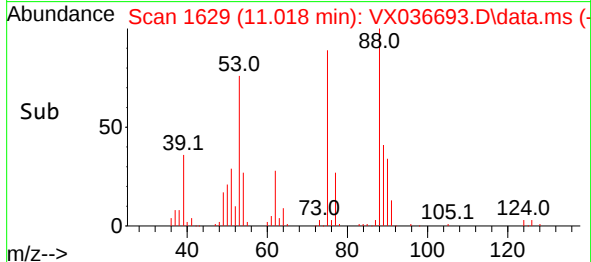
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 29120
Ion Ratio Lower Upper
75 100
53 85.4 53.9 161.7
89 46.5 22.1 66.1

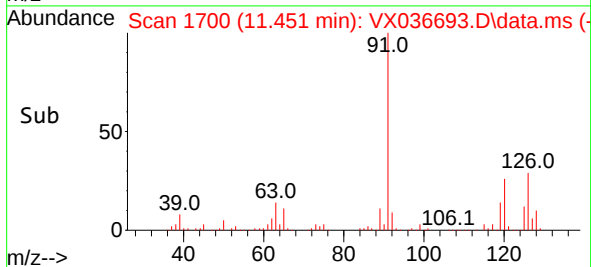
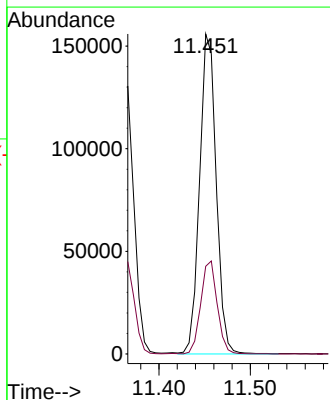
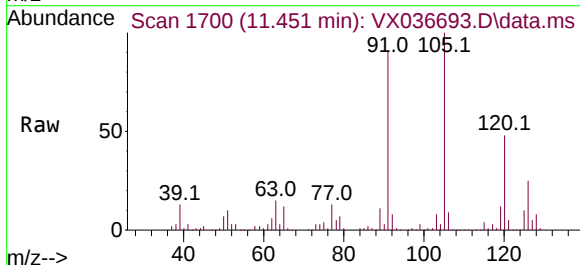
Manual Integrations
APPROVED

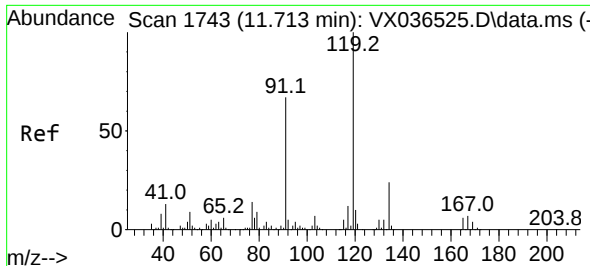
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#78
4-Chlorotoluene
Concen: 21.771 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

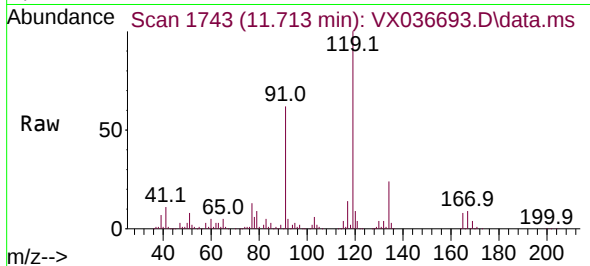
Tgt Ion: 91 Resp: 196445
Ion Ratio Lower Upper
91 100
126 28.5 0.0 59.4





#79
tert-butylbenzene
Concen: 22.297 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

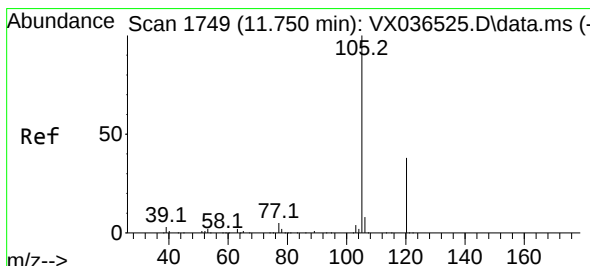
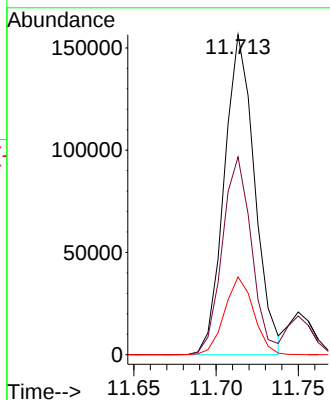
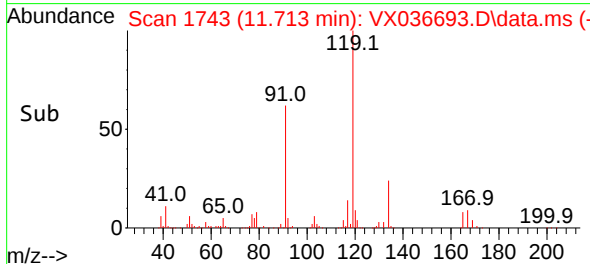
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



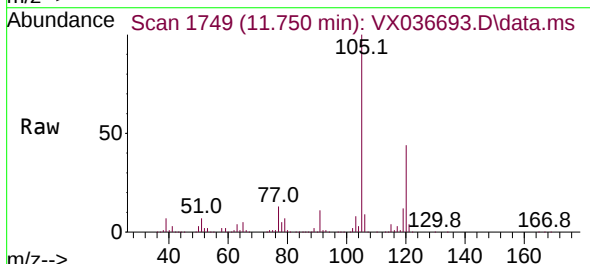
Tgt Ion:119 Resp: 201354
Ion Ratio Lower Upper
119 100
91 60.0 0.0 124.4
134 23.2 0.0 47.2

Manual Integrations
APPROVED

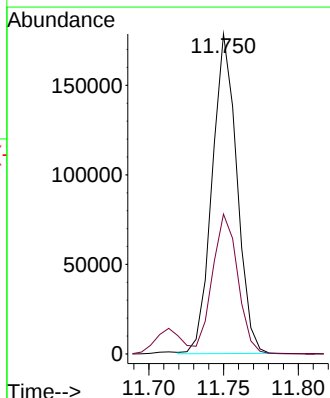
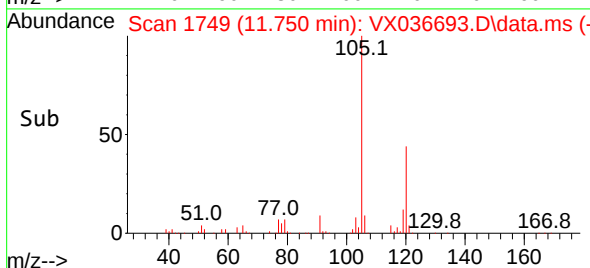
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

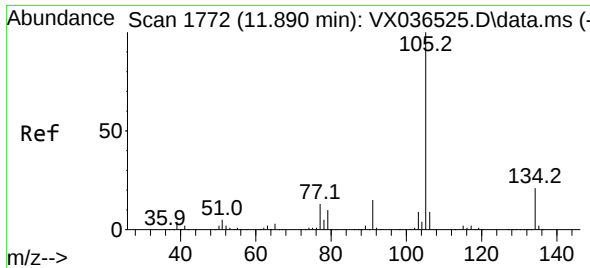


#80
1,2,4-Trimethylbenzene
Concen: 21.744 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20



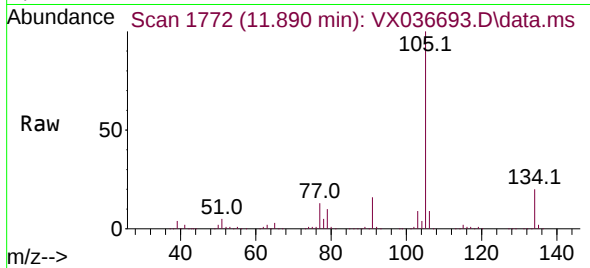
Tgt Ion:105 Resp: 204993
Ion Ratio Lower Upper
105 100
120 44.7 0.0 90.2





#81
 sec-Butylbenzene
 Concen: 22.434 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036693.D
 Acq: 28 Jul 2023 09:20

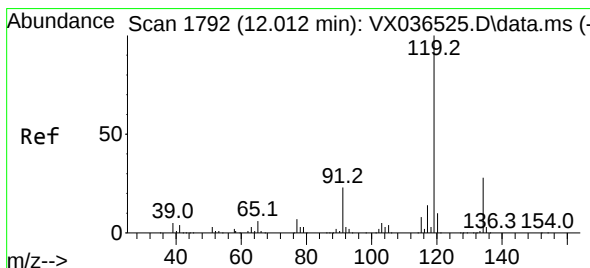
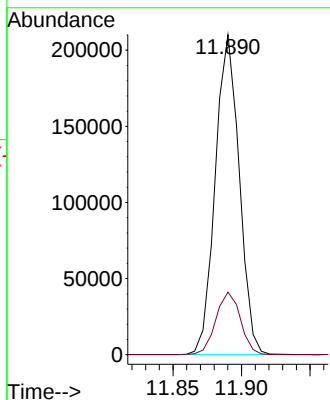
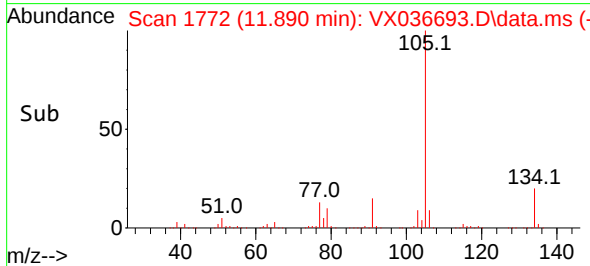
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020



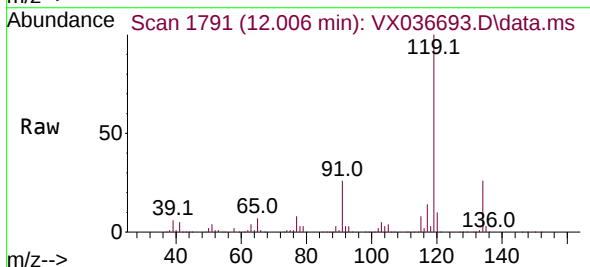
Tgt Ion:105 Resp: 25500
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 41.2

Manual Integrations
 APPROVED

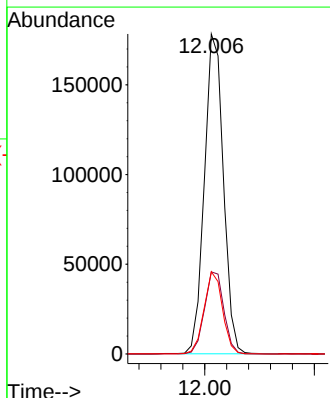
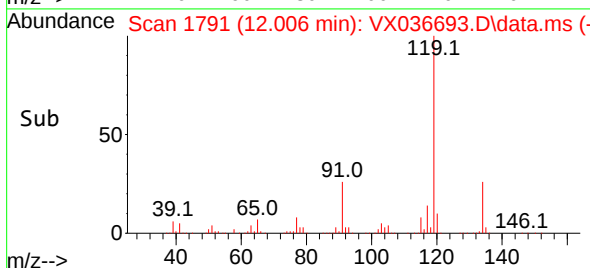
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/31/2023

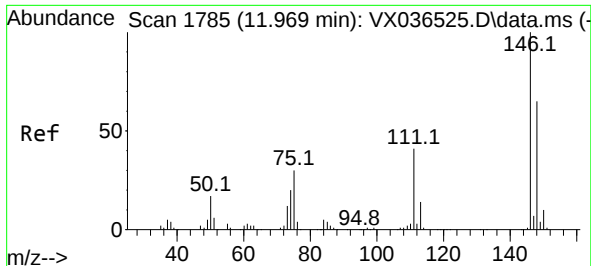


#82
 p-Isopropyltoluene
 Concen: 22.654 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX036693.D
 Acq: 28 Jul 2023 09:20



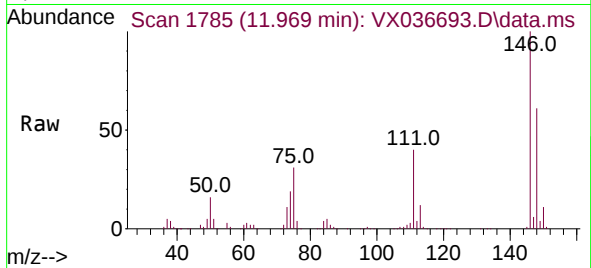
Tgt Ion:119 Resp: 214236
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 53.2
 91 25.0 0.0 49.4





#83
1,3-Dichlorobenzene
Concen: 21.143 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

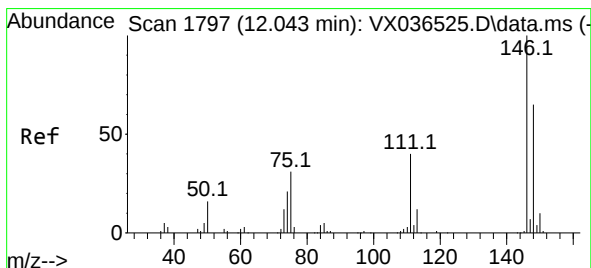
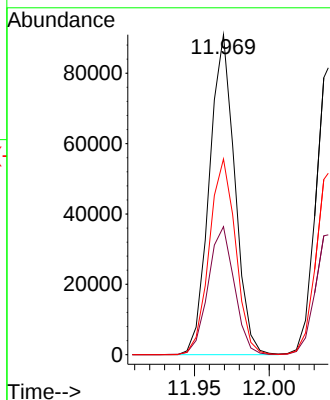
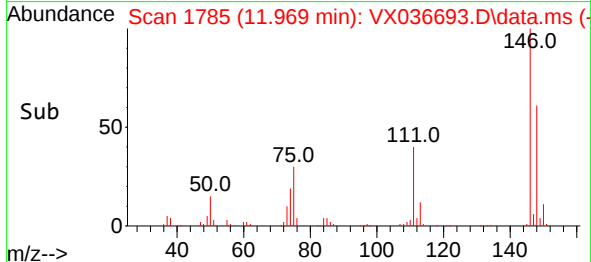
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



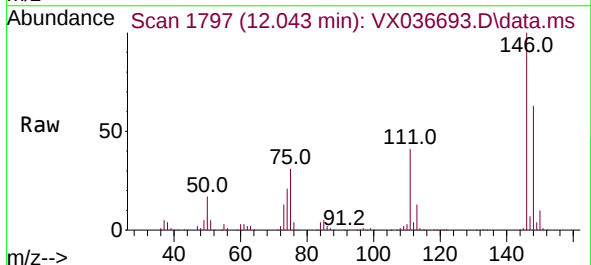
Tgt Ion:146 Resp: 107640
Ion Ratio Lower Upper
146 100
111 41.1 20.4 61.2
148 63.2 31.6 94.8

Manual Integrations
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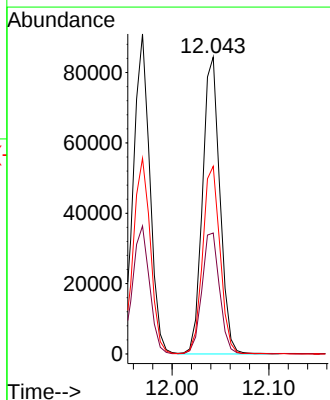
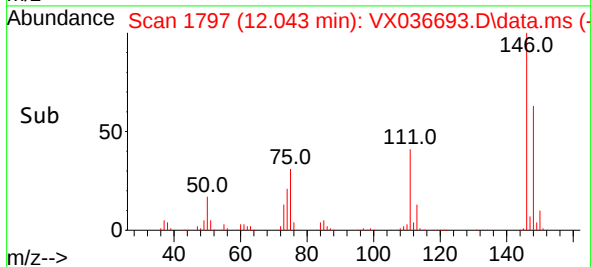
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

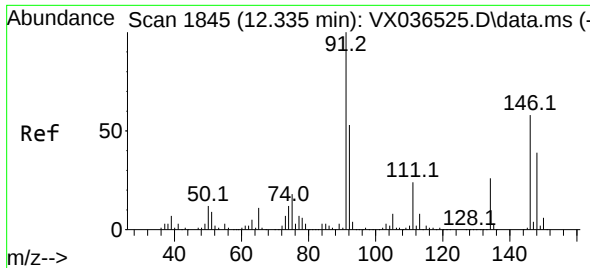


#84
1,4-Dichlorobenzene
Concen: 20.837 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20



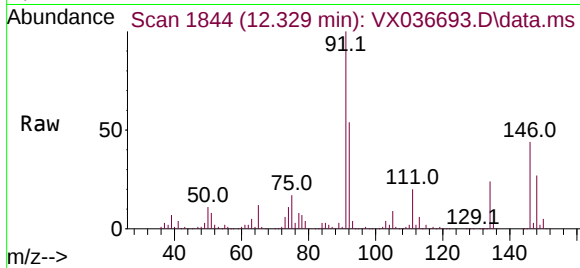
Tgt Ion:146 Resp: 105708
Ion Ratio Lower Upper
146 100
111 41.4 20.2 60.6
148 63.3 32.1 96.3





#85
n-Butylbenzene
Concen: 22.197 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

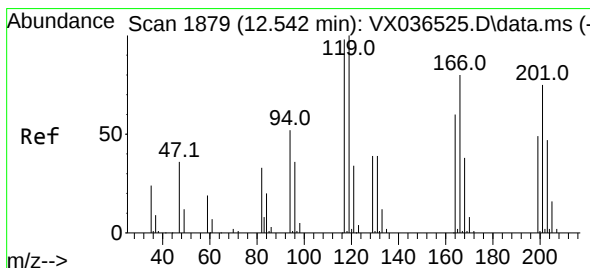
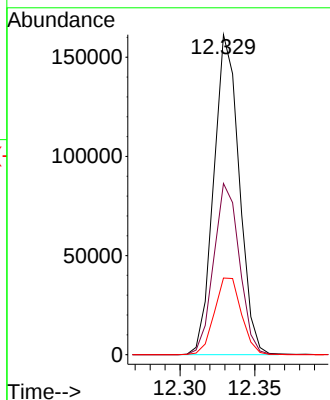
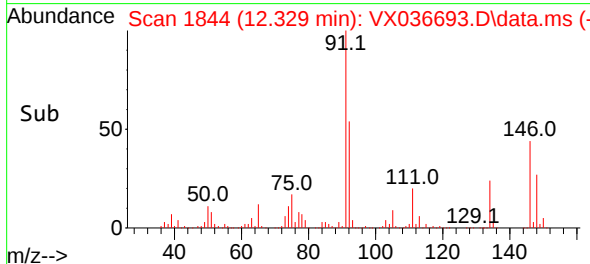
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 191080
Ion Ratio Lower Upper
91 100
92 54.2 0.0 105.2
134 25.4 0.0 51.4

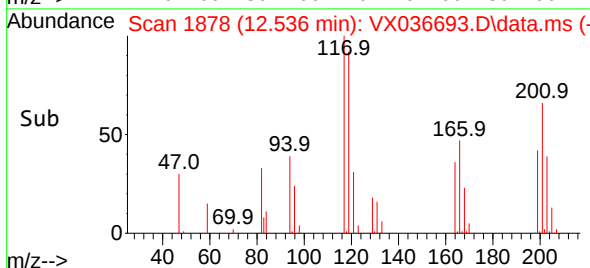
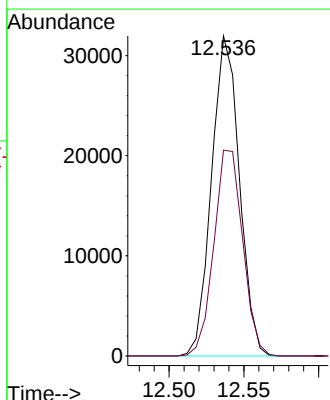
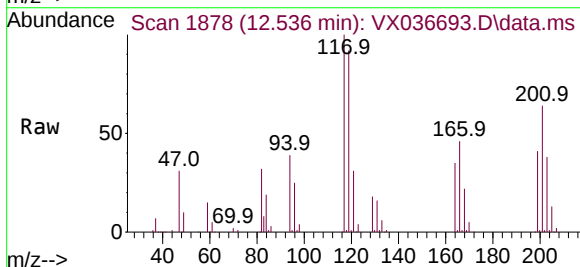
Manual Integrations
APPROVED

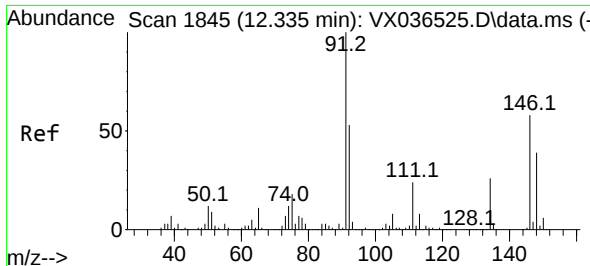
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#86
Hexachloroethane
Concen: 26.431 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

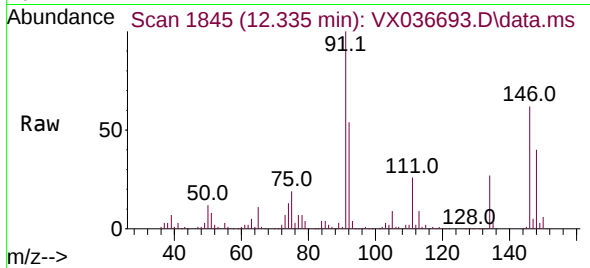
Tgt Ion:117 Resp: 41384
Ion Ratio Lower Upper
117 100
201 66.8 36.0 108.0





#87
1,2-Dichlorobenzene
Concen: 20.477 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

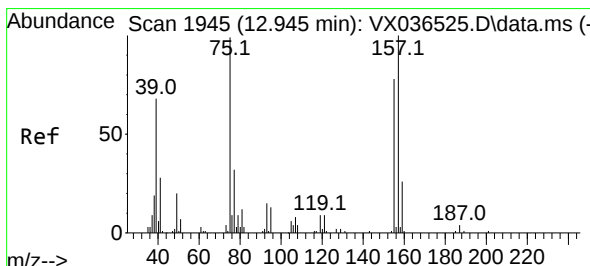
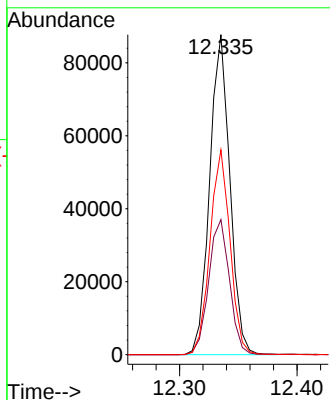
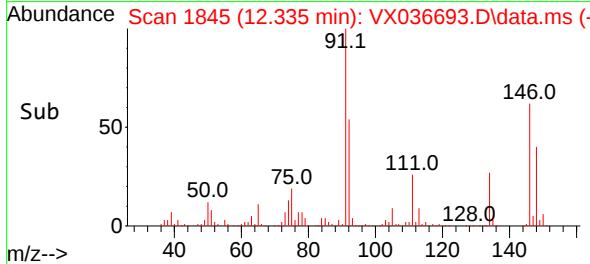
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



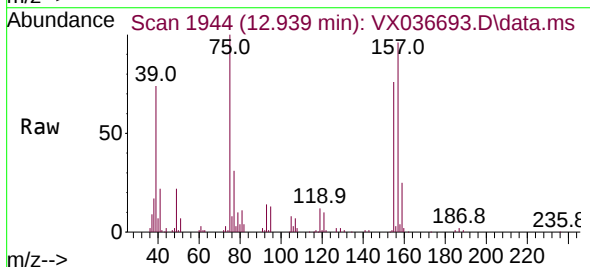
Tgt Ion:146 Resp: 10456
Ion Ratio Lower Upper
146 100
111 43.6 21.4 64.3
148 63.3 33.2 99.6

Manual Integrations
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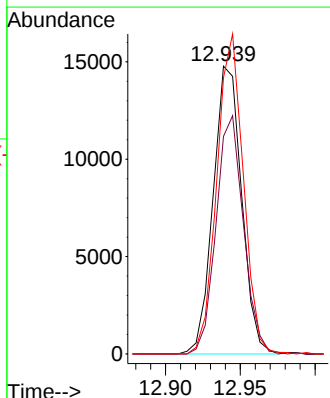
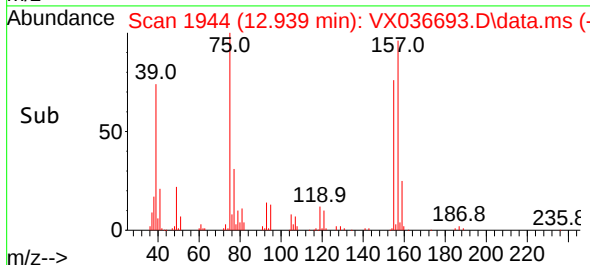
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023

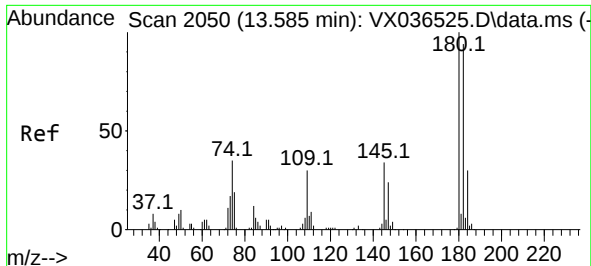


#88
1,2-Dibromo-3-Chloropropane
Concen: 21.482 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20



Tgt Ion: 75 Resp: 19521
Ion Ratio Lower Upper
75 100
155 79.7 62.7 94.1
157 103.6 81.5 122.3





#89
1,2,4-Trichlorobenzene
Concen: 20.083 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Instrument :

MSVOA_X

ClientSampleId :

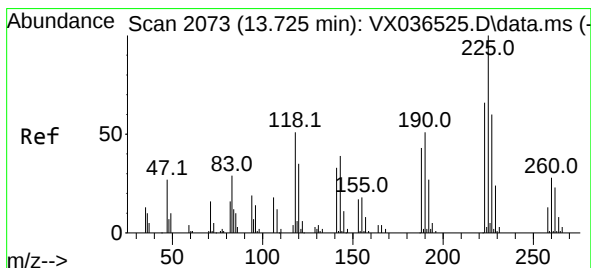
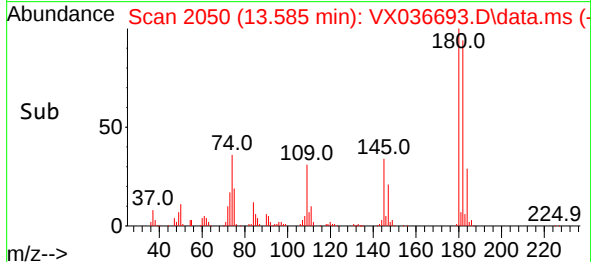
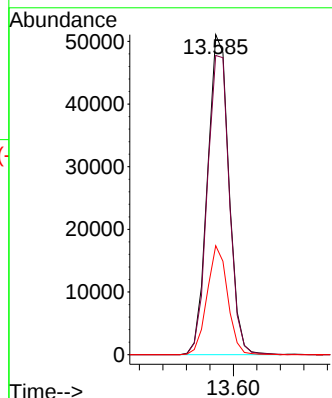
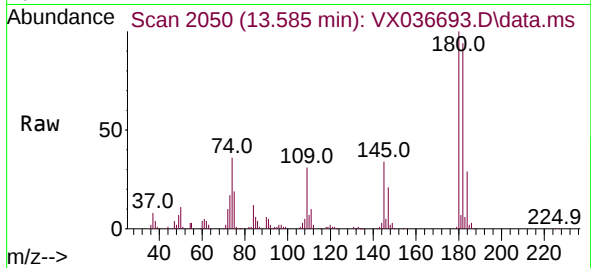
VSTDCCC020

Tgt Ion:180 Resp: 64672
Ion Ratio Lower Upper
180 100
182 95.8 75.6 113.4
145 32.6 25.4 38.2

Manual Integrations

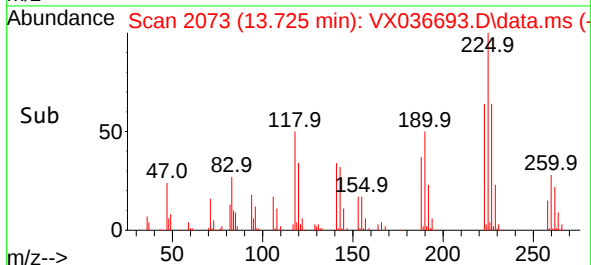
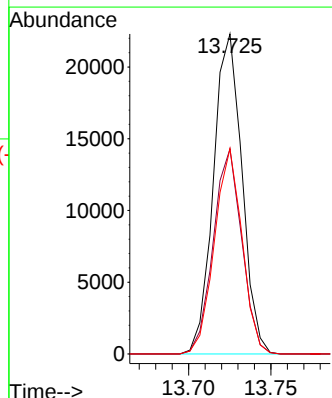
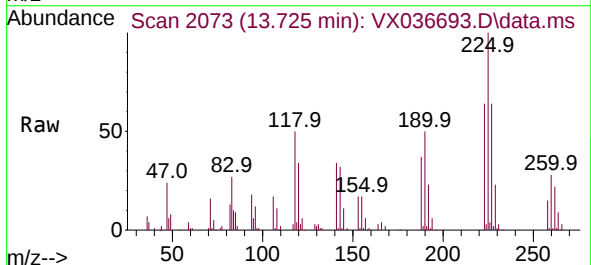
APPROVED

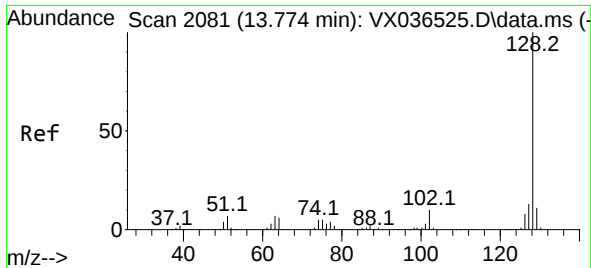
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#90
Hexachlorobutadiene
Concen: 22.998 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

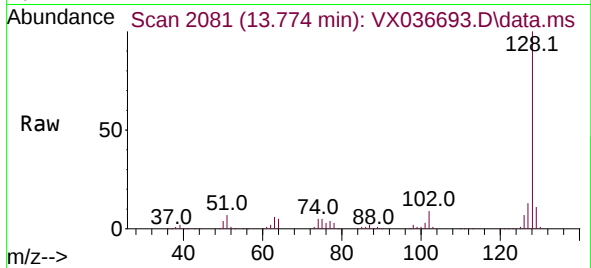
Tgt Ion:225 Resp: 26899
Ion Ratio Lower Upper
225 100
223 63.9 0.0 124.2
227 62.1 0.0 120.4





#91
Naphthalene
Concen: 19.663 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

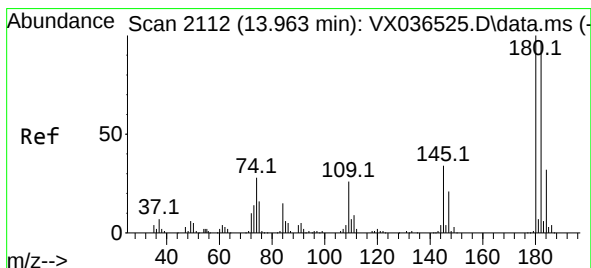
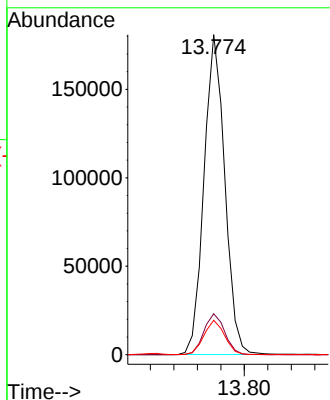
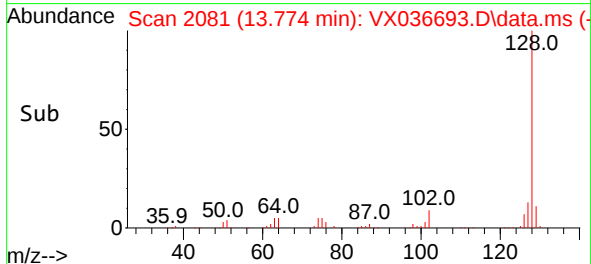
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 222170
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/31/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.902 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036693.D
Acq: 28 Jul 2023 09:20

Tgt Ion:180 Resp: 64688
Ion Ratio Lower Upper
180 100
182 93.4 0.0 190.6
145 34.4 0.0 66.8

