

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062123\
 Data File : VX036257.D
 Acq On : 21 Jun 2023 09:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 22 04:59:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	152805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	258770	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	227999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	113534	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	127899	45.802	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.600%
35) Dibromofluoromethane	5.379	113	92140	52.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.020%
50) Toluene-d8	8.647	98	327118	50.963	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.920%
62) 4-Bromofluorobenzene	11.079	95	125575	48.466	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	77893	41.529	ug/l	95
3) Chloromethane	1.294	50	79917	40.272	ug/l	100
4) Vinyl Chloride	1.374	62	79314	41.954	ug/l	99
5) Bromomethane	1.617	94	56570	48.679	ug/l	99
6) Chloroethane	1.691	64	64793	52.969	ug/l	98
7) Trichlorofluoromethane	1.886	101	138783	45.363	ug/l	99
8) Diethyl Ether	2.130	74	52532	46.132	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	93206	53.422	ug/l	98
10) Methyl Iodide	2.453	142	101463	56.400	ug/l	95
11) Tert butyl alcohol	3.001	59	103176	241.685	ug/l	98
12) 1,1-Dichloroethene	2.319	96	86581	52.479	ug/l	99
13) Acrolein	2.239	56	115456	243.535	ug/l	99
14) Allyl chloride	2.666	41	171307	51.316	ug/l	97
15) Acrylonitrile	3.068	53	270997	248.150	ug/l	99
16) Acetone	2.392	43	304297	262.289	ug/l	97
17) Carbon Disulfide	2.514	76	215380	52.815	ug/l	99
18) Methyl Acetate	2.703	43	213622	48.550	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	318764	49.355	ug/l	98
20) Methylene Chloride	2.788	84	102641	48.831	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	93992	51.276	ug/l	94
22) Diisopropyl ether	3.751	45	345485	52.008	ug/l	97
23) Vinyl Acetate	3.721	43	1230636	261.385	ug/l	100
24) 1,1-Dichloroethane	3.605	63	187478	51.080	ug/l	100
25) 2-Butanone	4.556	43	407935	251.160	ug/l	99
26) 2,2-Dichloropropane	4.471	77	148816	52.140	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	107945	51.497	ug/l	98
28) Bromochloromethane	4.897	49	100437	52.494	ug/l	95
29) Tetrahydrofuran	5.007	42	247631	240.058	ug/l	98
30) Chloroform	5.086	83	187311	48.458	ug/l	98
31) Cyclohexane	5.470	56	161170	53.802	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	159602	48.701	ug/l	98
36) 1,1-Dichloropropene	5.690	75	138337	53.519	ug/l	100
37) Ethyl Acetate	4.708	43	145932	48.457	ug/l	99
38) Carbon Tetrachloride	5.672	117	131862	52.477	ug/l	97
39) Methylcyclohexane	7.379	83	163634	58.779	ug/l	98
40) Benzene	6.031	78	388489	53.445	ug/l	99

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 Supervised By : Mahesh Dadoda 06/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	84505	50.896	ug/l	99
42) 1,2-Dichloroethane	6.080	62	160870	49.126	ug/l	99
43) Isopropyl Acetate	6.336	43	244982	53.155	ug/l	99
44) Trichloroethene	7.123	130	96677	53.224	ug/l	99
45) 1,2-Dichloropropane	7.427	63	103870	53.749	ug/l	98
46) Dibromomethane	7.580	93	71687	52.072	ug/l	98
47) Bromodichloromethane	7.818	83	136883	51.791	ug/l	99
48) Methyl methacrylate	7.690	41	121091	51.210	ug/l	98
49) 1,4-Dioxane	7.708	88	45038	1137.612	ug/l #	99
51) 4-Methyl-2-Pentanone	8.573	43	741663	254.855	ug/l	98
52) Toluene	8.714	92	238057	52.309	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	146140	53.682	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	161176	55.210	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	93371	49.697	ug/l	91
56) Ethyl methacrylate	9.116	69	150693	53.096	ug/l	94
57) 1,3-Dichloropropane	9.305	76	168520	50.420	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	408653	261.240	ug/l	97
59) 2-Hexanone	9.427	43	574725	265.643	ug/l	99
60) Dibromochloromethane	9.518	129	93430	50.949	ug/l	100
61) 1,2-Dibromoethane	9.610	107	99712	50.901	ug/l	99
64) Tetrachloroethene	9.275	164	79000	55.691	ug/l	98
65) Chlorobenzene	10.079	112	245820	52.030	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	88226	54.113	ug/l	98
67) Ethyl Benzene	10.189	91	457006	54.163	ug/l	98
68) m/p-Xylenes	10.299	106	343873	108.020	ug/l	99
69) o-Xylene	10.640	106	167999	53.489	ug/l	100
70) Styrene	10.652	104	279650	53.436	ug/l	99
71) Bromoform	10.799	173	60731	54.106	ug/l #	100
73) Isopropylbenzene	10.963	105	451726	53.621	ug/l	99
74) N-amyl acetate	10.841	43	211185	55.474	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	150293	52.102	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	129877m	48.201	ug/l	
77) Bromobenzene	11.195	156	102962	52.165	ug/l	100
78) n-propylbenzene	11.305	91	555758	56.078	ug/l	99
79) 2-Chlorotoluene	11.366	91	321056	51.505	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	383206	53.419	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	42474	55.175	ug/l	97
82) 4-Chlorotoluene	11.451	91	377191	51.934	ug/l	100
83) tert-Butylbenzene	11.713	119	367404	53.874	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	386183	53.972	ug/l	98
85) sec-Butylbenzene	11.890	105	479932	56.519	ug/l	100
86) p-Isopropyltoluene	12.006	119	401694	56.226	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	199680	53.048	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	199363	51.707	ug/l	99
89) n-Butylbenzene	12.329	91	378942	59.434	ug/l	98
90) Hexachloroethane	12.536	117	64404	57.470	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	191348	51.795	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	30467	47.885	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	115407	55.109	ug/l	99
94) Hexachlorobutadiene	13.725	225	45593	55.073	ug/l	99
95) Naphthalene	13.774	128	395147	54.703	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	114313	54.434	ug/l	99

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ClientSampleId :
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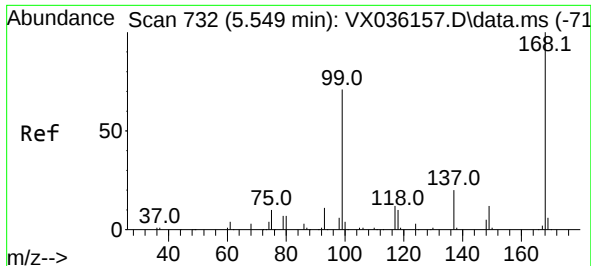
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/22/2023

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Quant Title : SW846 8260
QLast Update : Fri Jun 16 16:28:40 2023
Response via : Initial Calibration

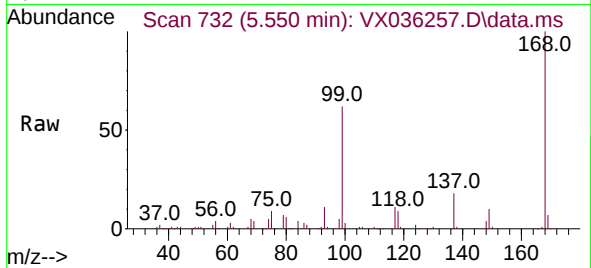
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036257.D
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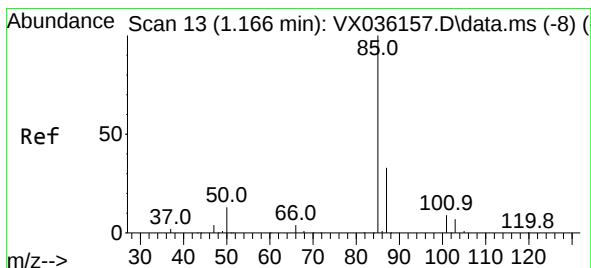
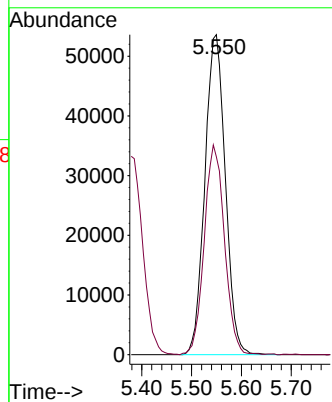
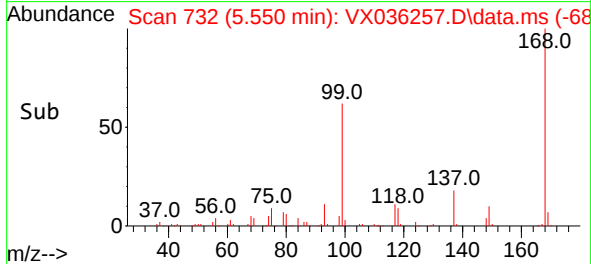
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 15280
Ion Ratio Lower Upper
168 100
99 61.8 56.6 85.0

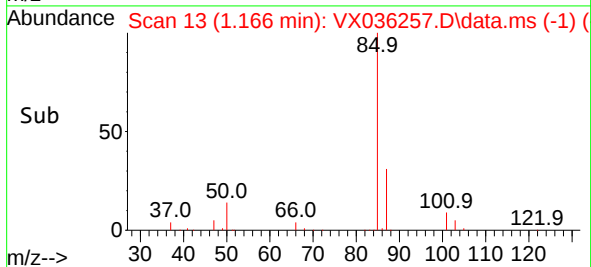
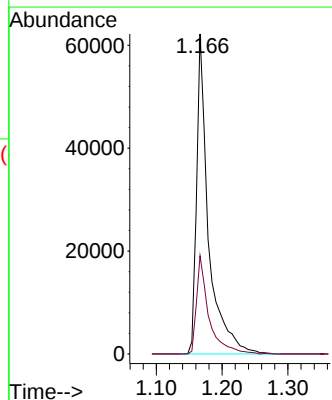
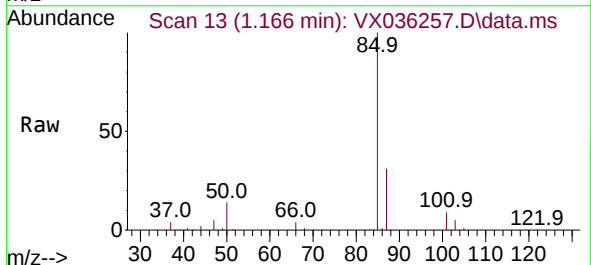
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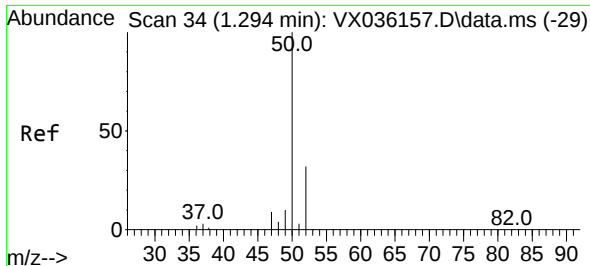
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#2
Dichlorodifluoromethane
Concen: 41.529 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Tgt Ion: 85 Resp: 77893
Ion Ratio Lower Upper
85 100
87 30.7 16.7 50.1





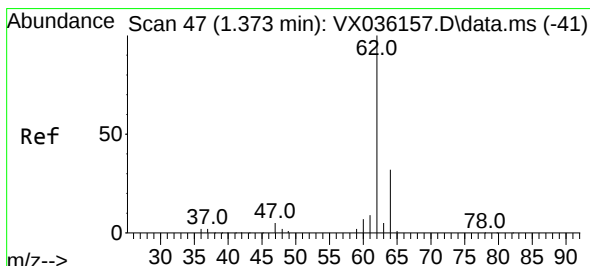
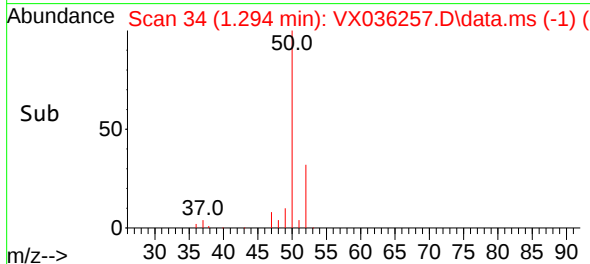
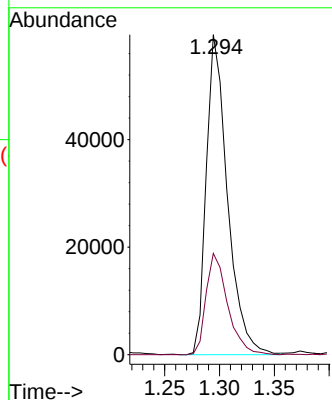
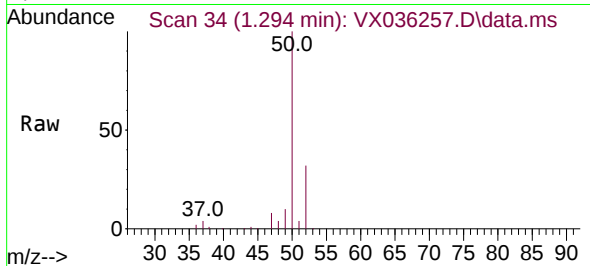
#3
Chloromethane
Concen: 40.272 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 7991
Ion Ratio Lower Upper
50 100
52 31.7 25.5 38.3

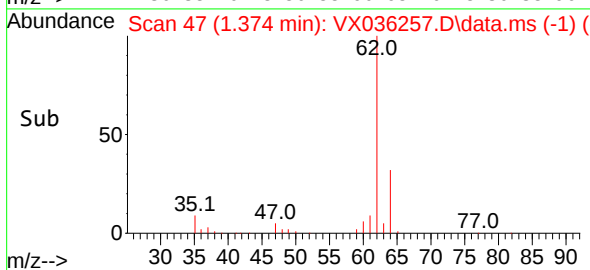
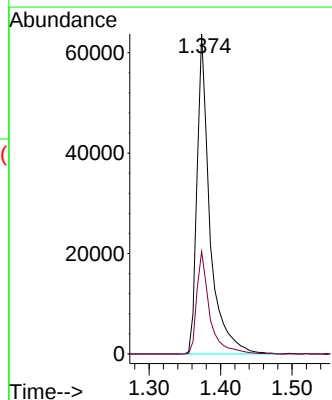
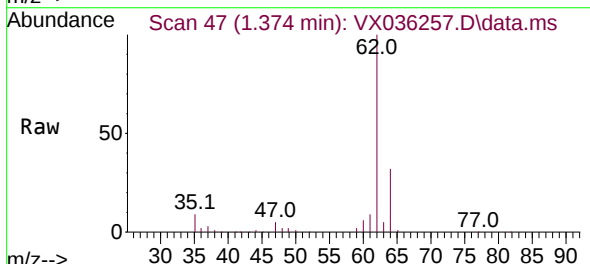
Manual Integrations
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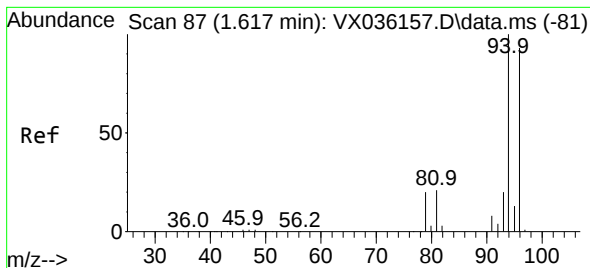
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#4
Vinyl Chloride
Concen: 41.954 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Tgt Ion: 62 Resp: 79314
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5

Bromomethane

Concen: 48.679 ug/l

RT: 1.617 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 56570

Ion Ratio Lower Upper

94 100

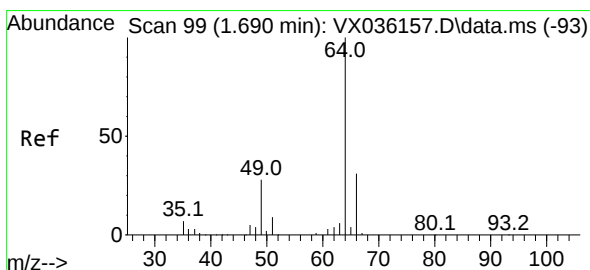
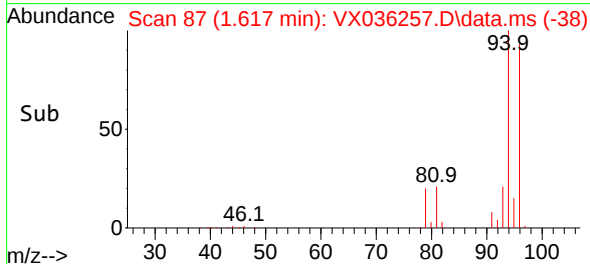
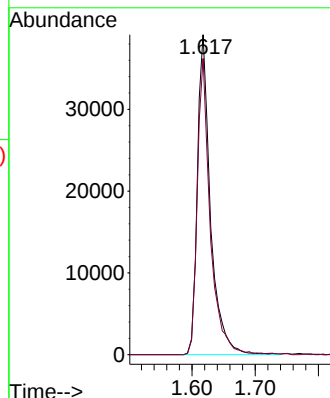
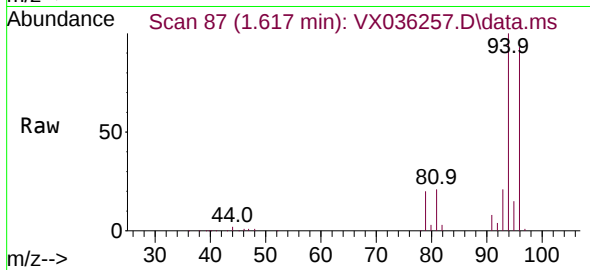
96 92.6 74.6 111.8

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 06/22/2023



#6

Chloroethane

Concen: 52.969 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.001 min

Lab File: VX036257.D

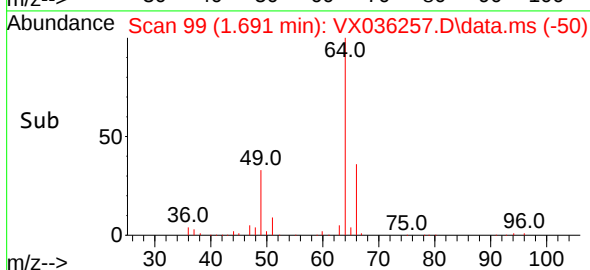
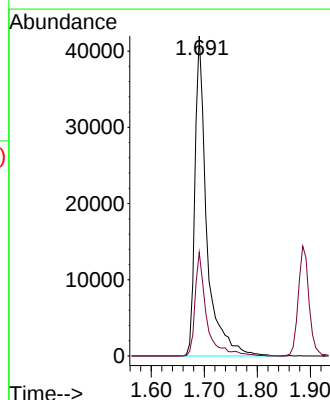
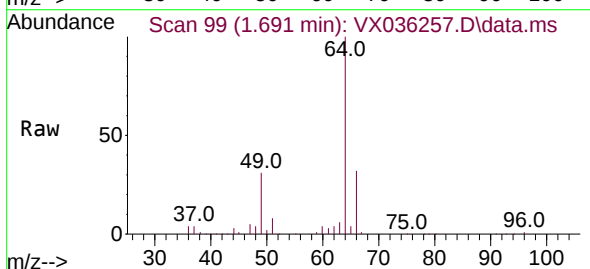
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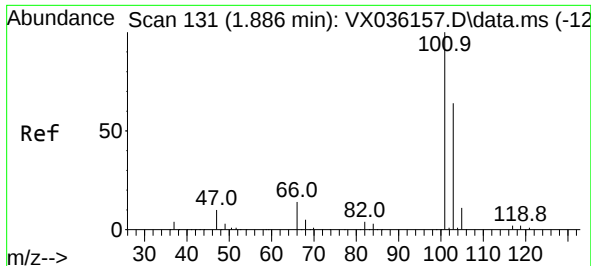
Tgt Ion: 64 Resp: 64793

Ion Ratio Lower Upper

64 100

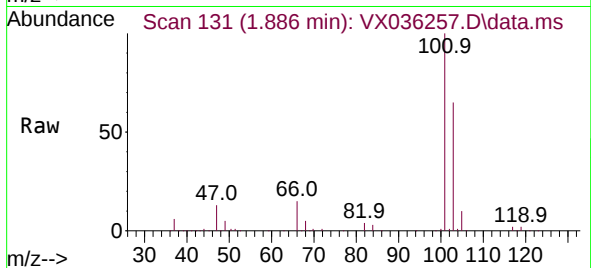
66 32.4 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 45.363 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036257.D
 Acq: 21 Jun 2023 09:42

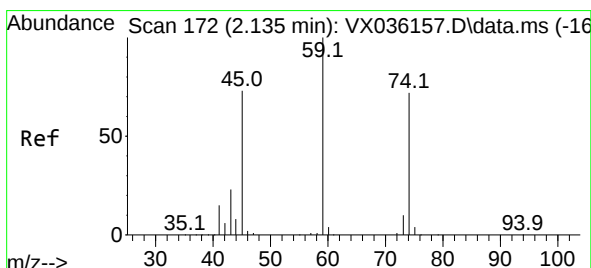
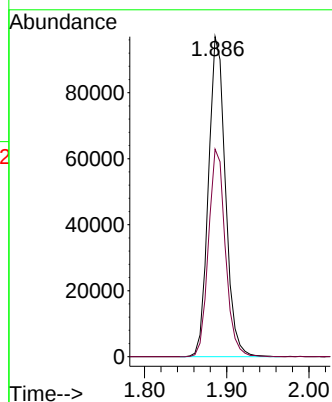
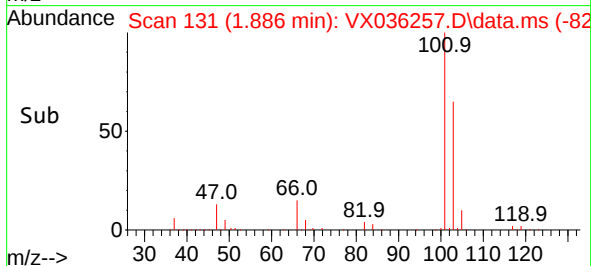
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 13878
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.2

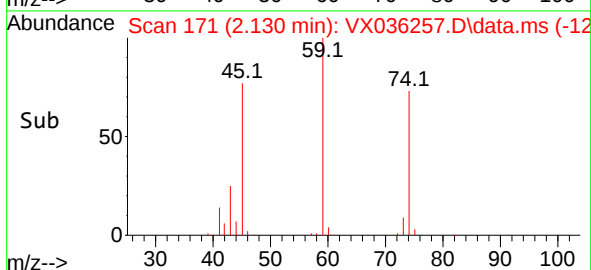
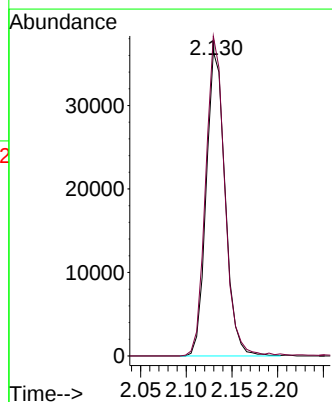
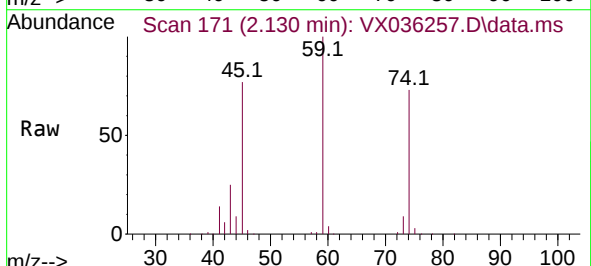
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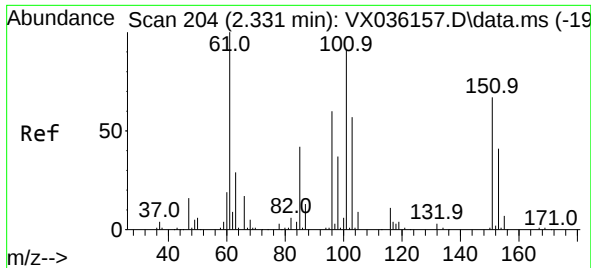
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#8
 Diethyl Ether
 Concen: 46.132 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.005 min
 Lab File: VX036257.D
 Acq: 21 Jun 2023 09:42

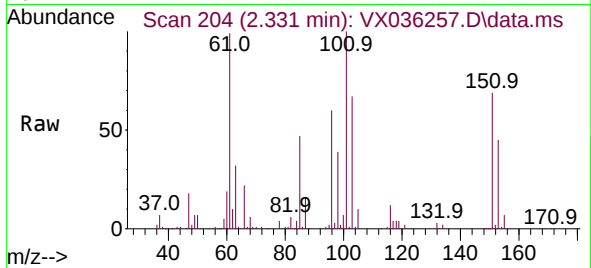
Tgt Ion: 74 Resp: 52532
 Ion Ratio Lower Upper
 74 100
 45 106.1 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.422 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

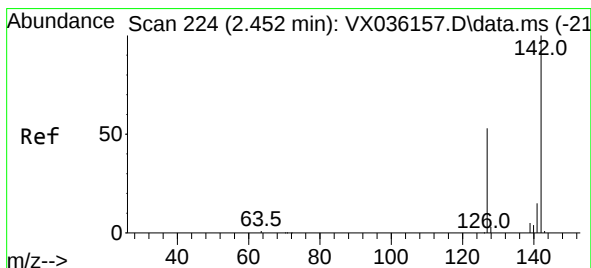
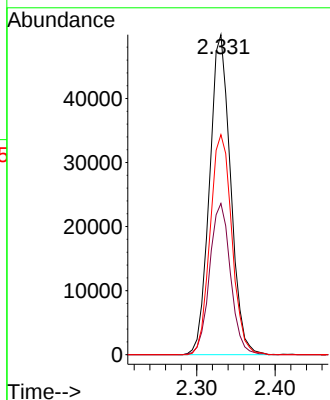
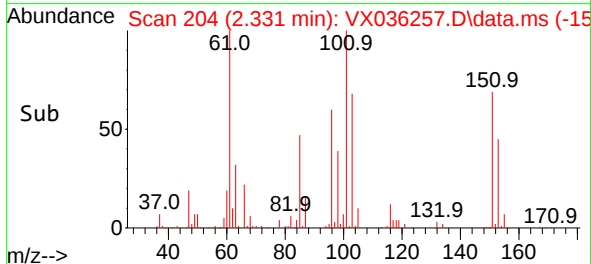
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



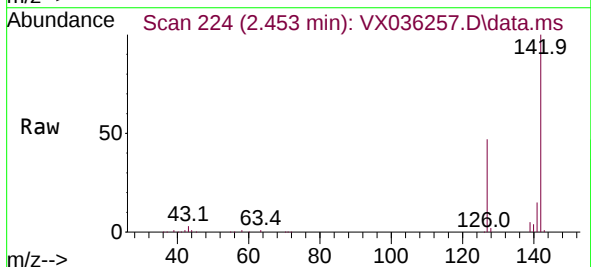
Tgt Ion:101 Resp: 93200
Ion Ratio Lower Upper
101 100
85 47.0 37.0 55.6
151 71.0 58.6 87.8

Manual Integrations
APPROVED

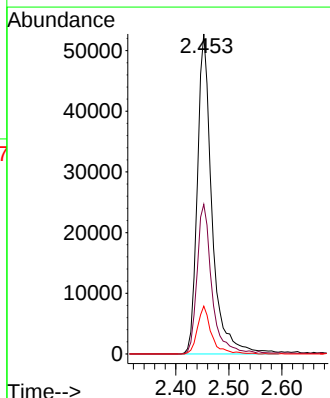
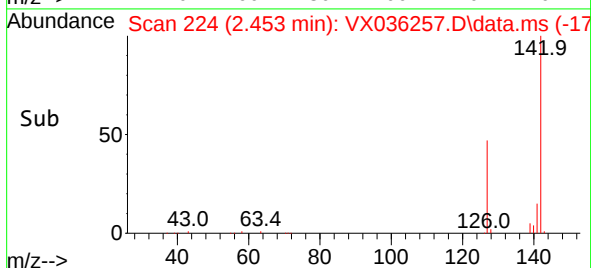
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

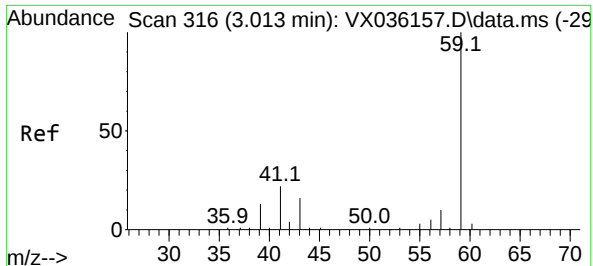


#10
Methyl Iodide
Concen: 56.400 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42



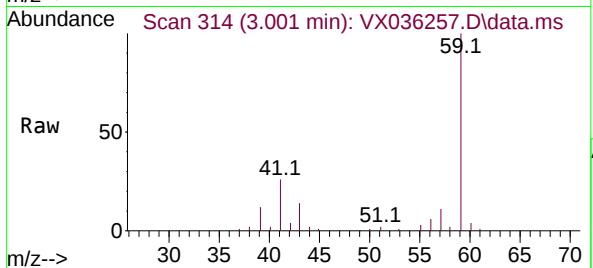
Tgt Ion:142 Resp: 101463
Ion Ratio Lower Upper
142 100
127 47.6 41.6 62.4
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 241.685 ug/l
RT: 3.001 min Scan# 316
Delta R.T. -0.012 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

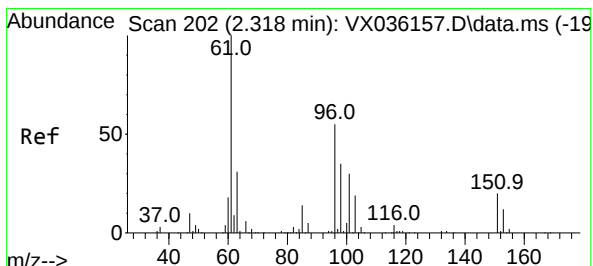
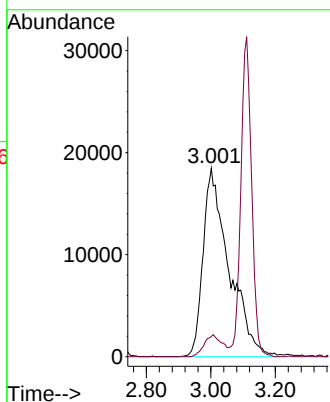
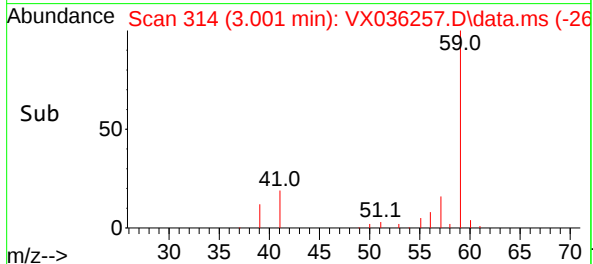
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



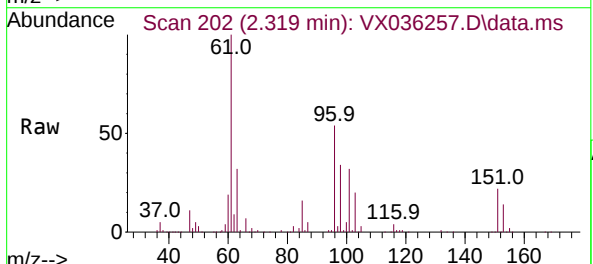
Tgt Ion: 59 Resp: 103170
Ion Ratio Lower Upper
59 100
57 8.2 6.0 9.0

Manual Integrations
APPROVED

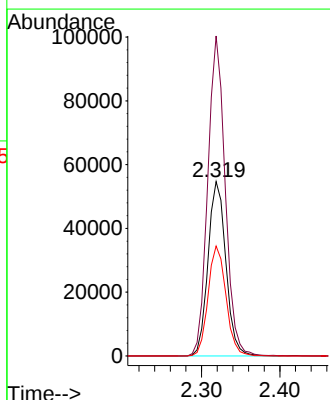
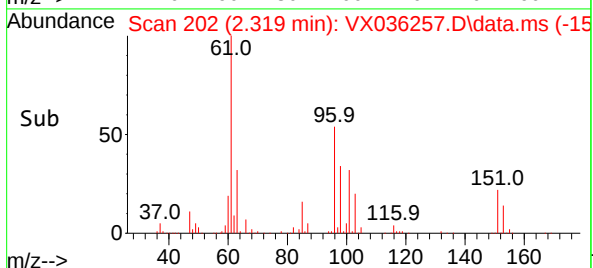
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

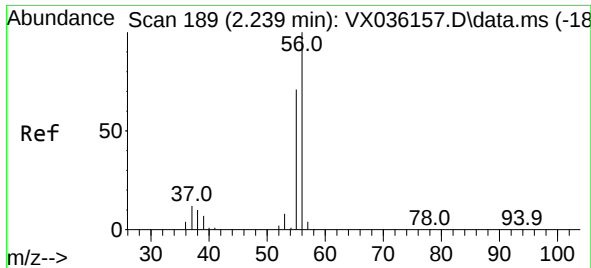


#12
1,1-Dichloroethene
Concen: 52.479 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42



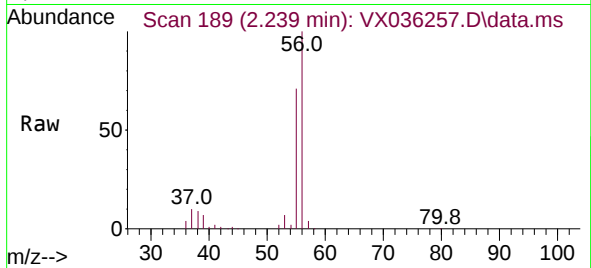
Tgt Ion: 96 Resp: 86581
Ion Ratio Lower Upper
96 100
61 183.5 144.6 216.8
98 63.1 50.4 75.6





#13
Acrolein
Concen: 243.535 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

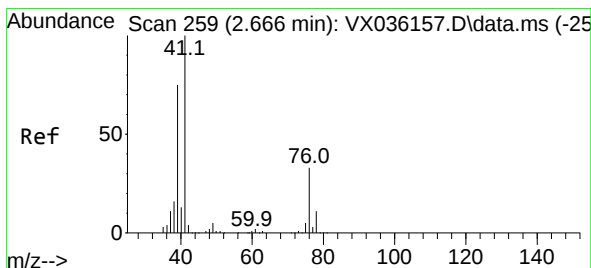
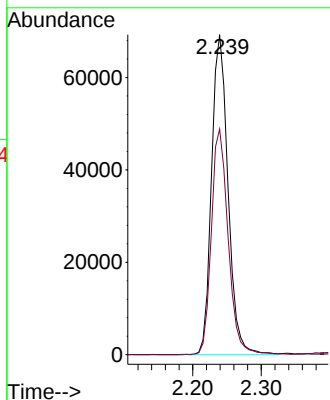
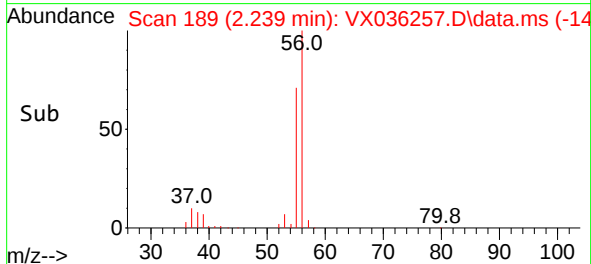
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 115456
Ion Ratio Lower Upper
56 100
55 72.1 57.1 85.7

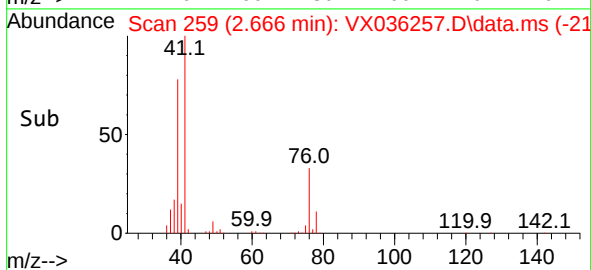
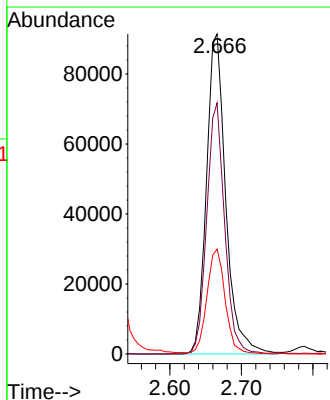
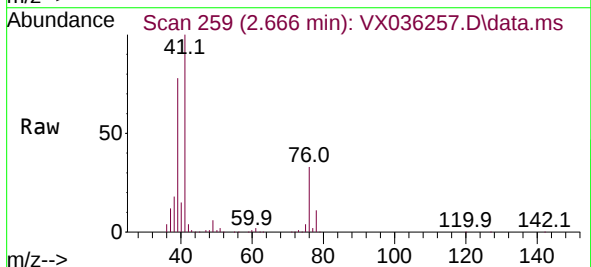
Manual Integrations
APPROVED

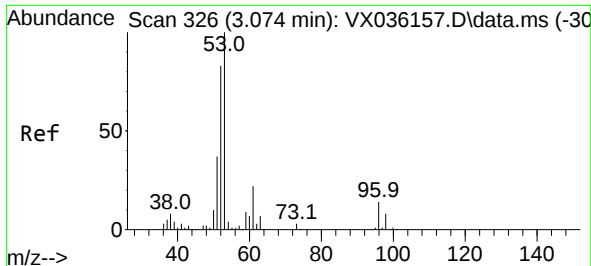
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#14
Allyl chloride
Concen: 51.316 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

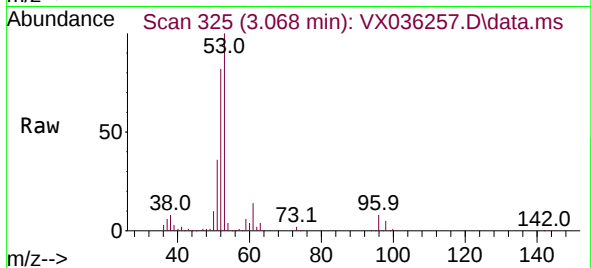
Tgt Ion: 41 Resp: 171307
Ion Ratio Lower Upper
41 100
39 72.8 55.8 83.6
76 31.1 24.3 36.5





#15
Acrylonitrile
Concen: 248.150 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

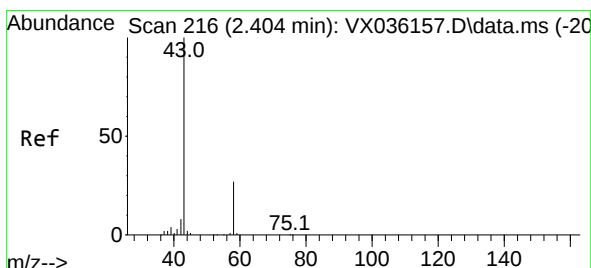
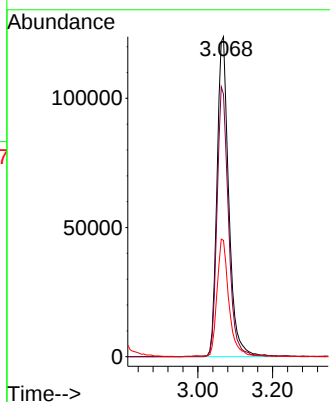
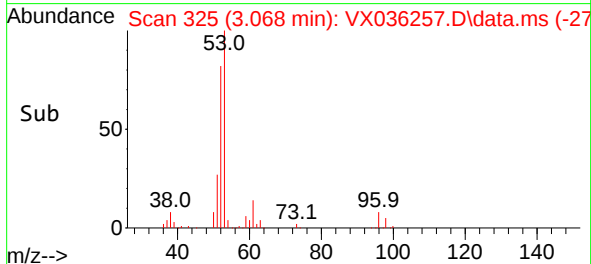
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 27099
Ion Ratio Lower Upper
53 100
52 82.0 66.0 99.0
51 36.5 29.8 44.6

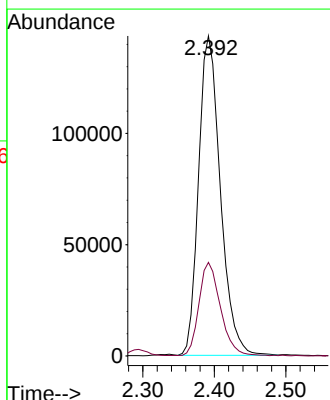
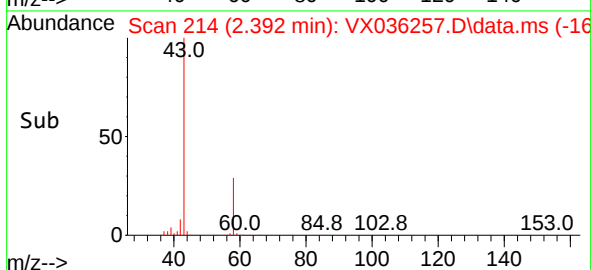
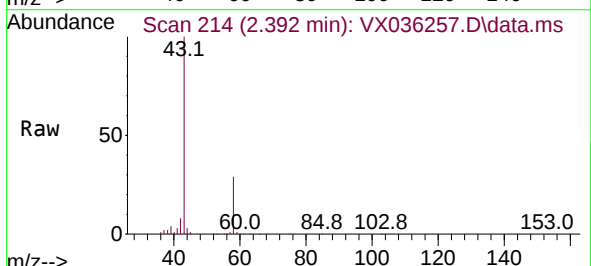
Manual Integrations
APPROVED

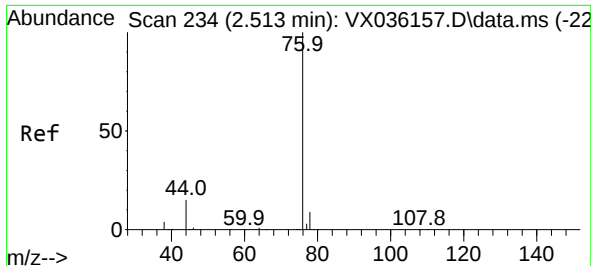
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#16
Acetone
Concen: 262.289 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Tgt Ion: 43 Resp: 304297
Ion Ratio Lower Upper
43 100
58 29.2 21.9 32.9





#17

Carbon Disulfide

Concen: 52.815 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 215380

Ion Ratio Lower Upper

76 100

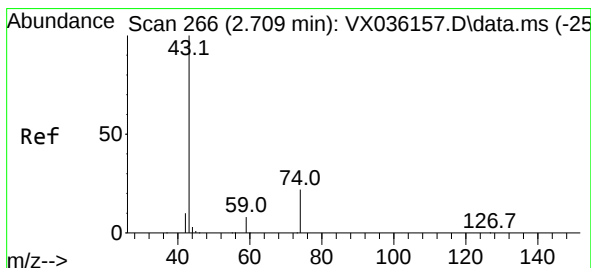
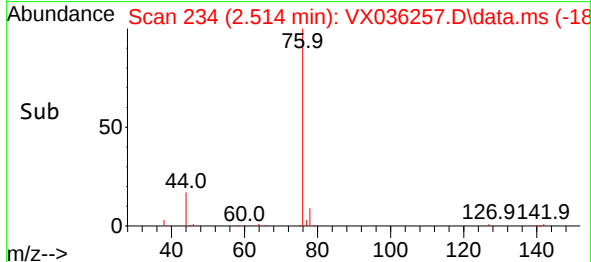
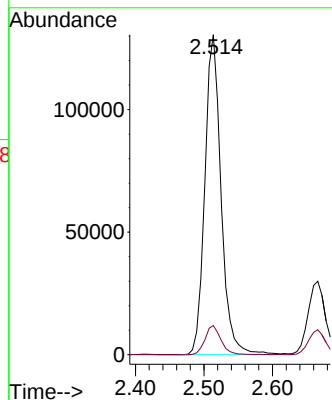
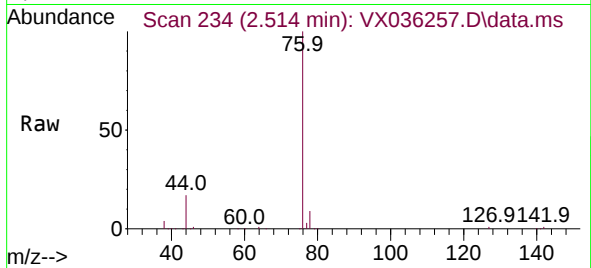
78 9.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#18

Methyl Acetate

Concen: 48.550 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX036257.D

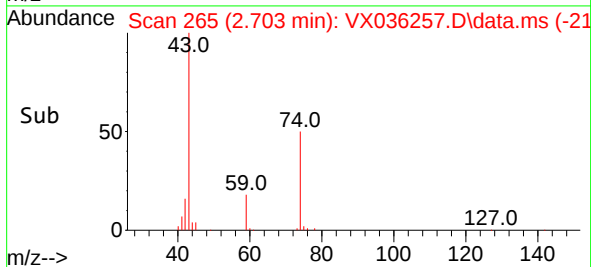
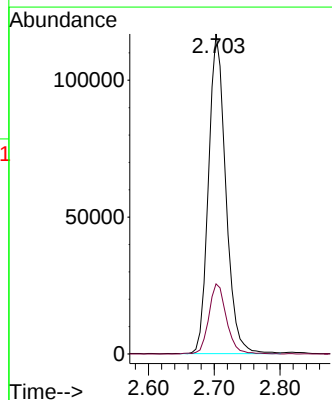
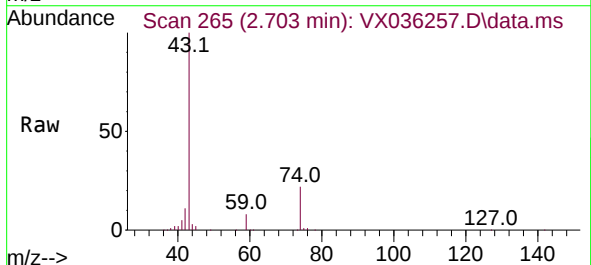
Acq: 21 Jun 2023 09:42

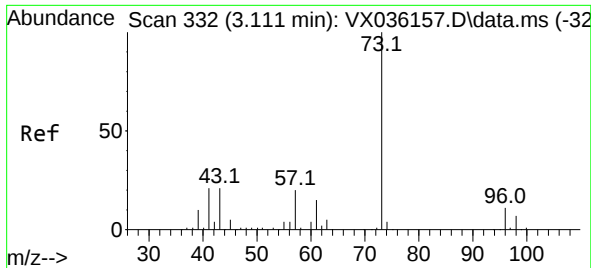
Tgt Ion: 43 Resp: 213622

Ion Ratio Lower Upper

43 100

74 22.4 17.8 26.8





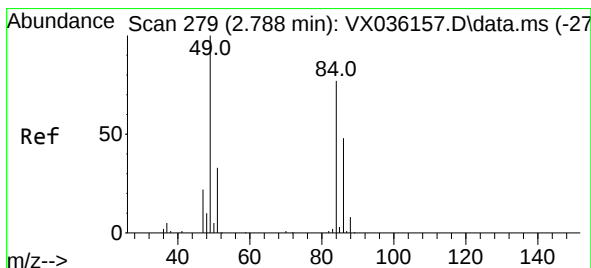
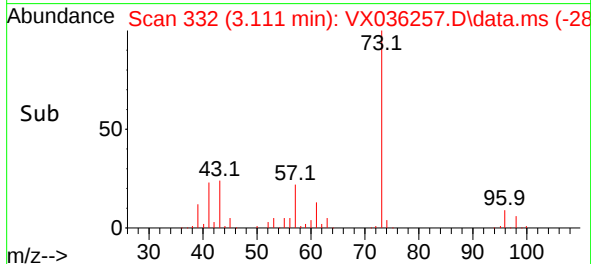
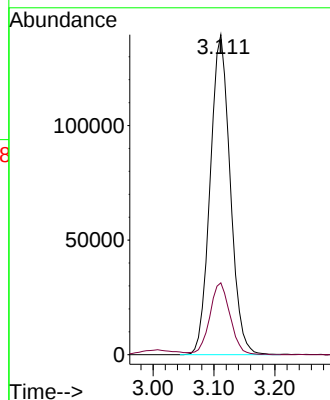
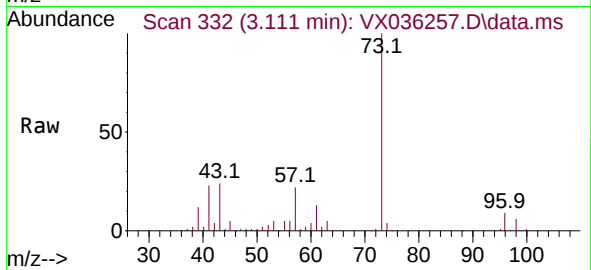
#19
Methyl tert-butyl Ether
Concen: 49.355 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 318764
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9

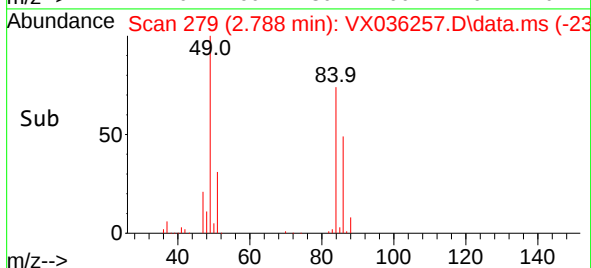
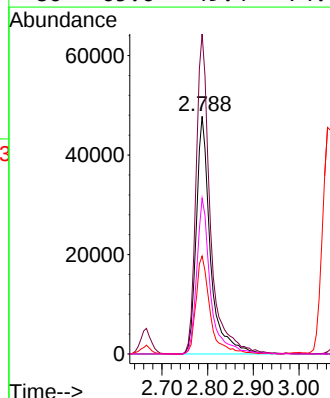
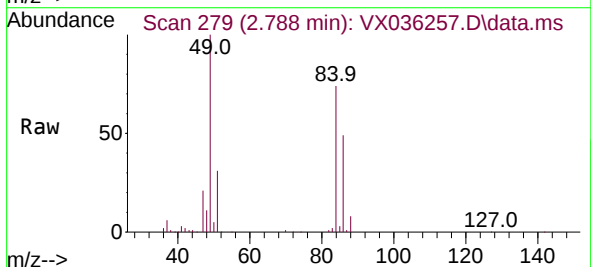
Manual Integrations
APPROVED

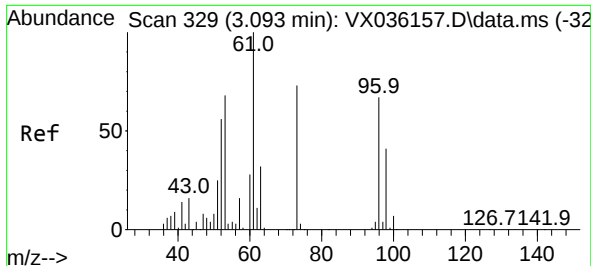
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#20
Methylene Chloride
Concen: 48.831 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Tgt Ion: 84 Resp: 102641
Ion Ratio Lower Upper
84 100
49 134.7 103.6 155.4
51 41.2 33.8 50.6
86 65.6 49.4 74.0





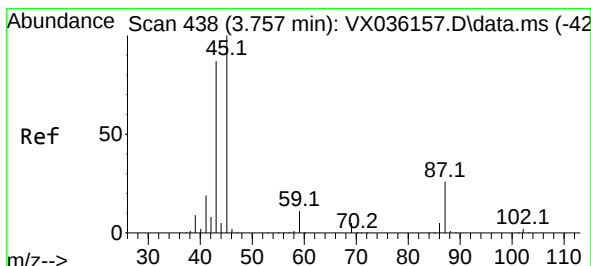
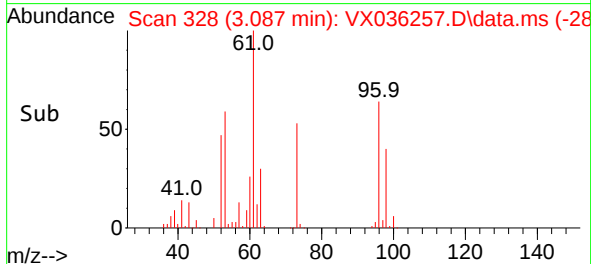
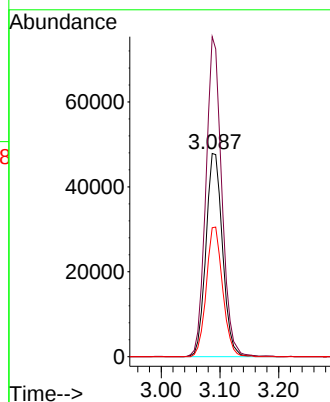
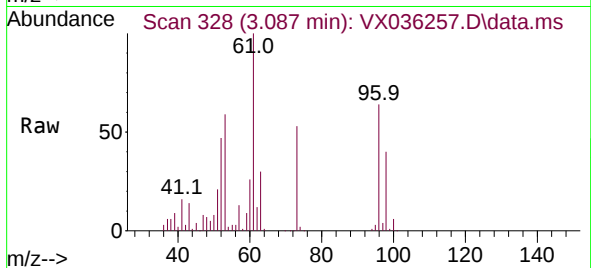
#21
trans-1,2-Dichloroethene
Concen: 51.276 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 93992
Ion Ratio Lower Upper
96 100
61 157.4 119.2 178.8
98 63.5 48.7 73.1

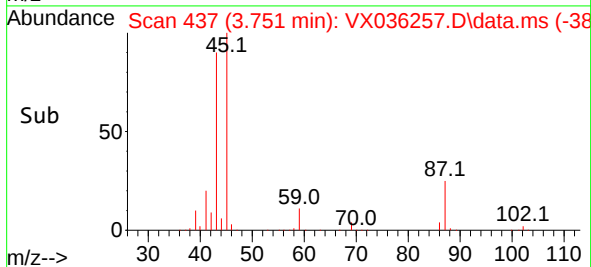
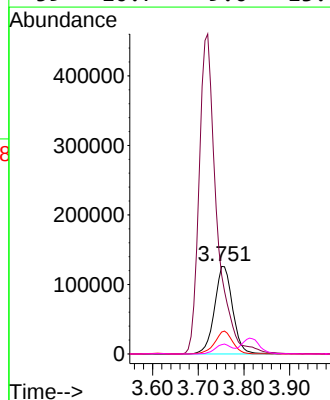
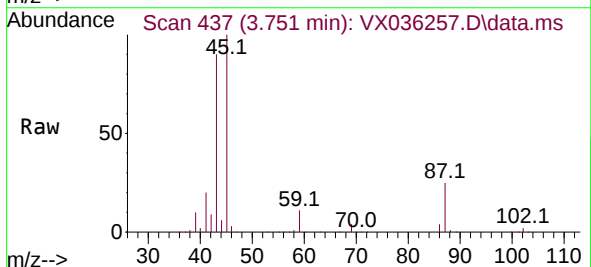
Manual Integrations
APPROVED

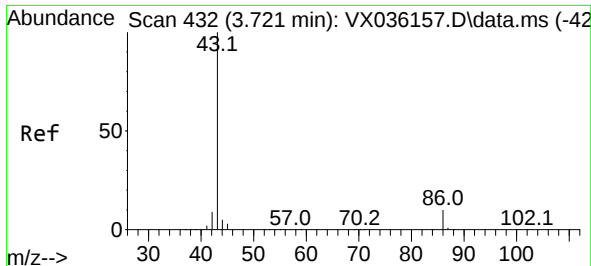
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#22
Diisopropyl ether
Concen: 52.008 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

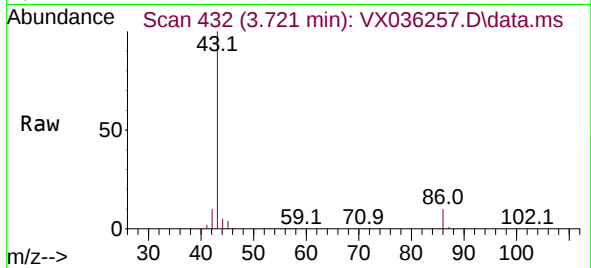
Tgt Ion: 45 Resp: 345485
Ion Ratio Lower Upper
45 100
43 90.3 69.7 104.5
87 25.1 20.8 31.2
59 10.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 261.385 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX036257.D
 Acq: 21 Jun 2023 09:42

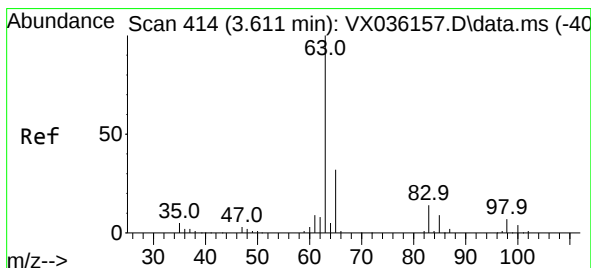
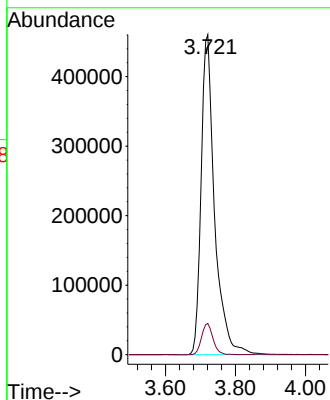
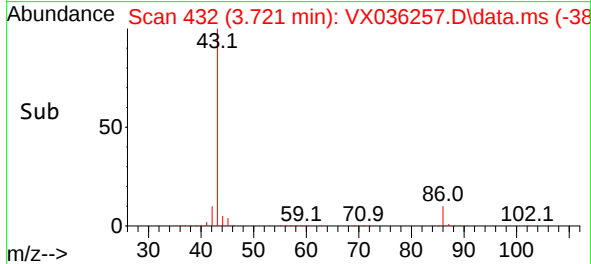
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



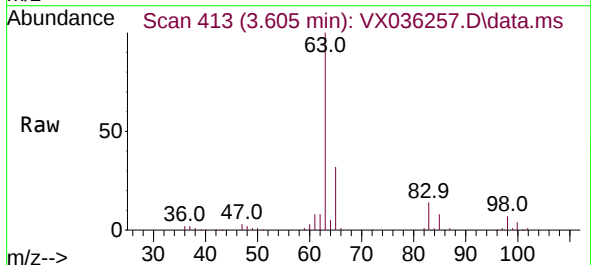
Tgt Ion: 43 Resp: 1230630
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

Manual Integrations
 APPROVED

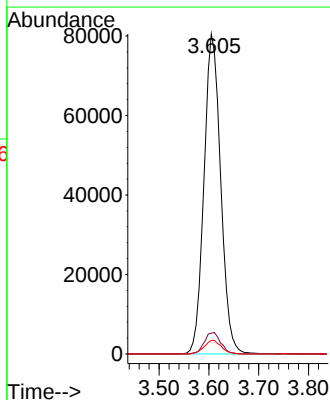
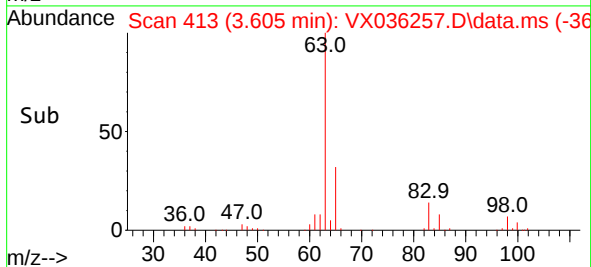
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

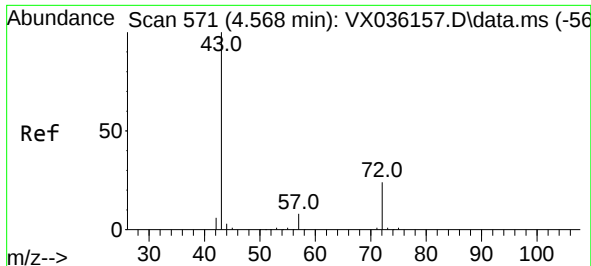


#24
 1,1-Dichloroethane
 Concen: 51.080 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX036257.D
 Acq: 21 Jun 2023 09:42



Tgt Ion: 63 Resp: 187478
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.3 2.1 6.5





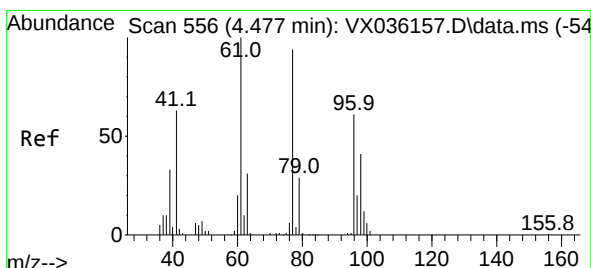
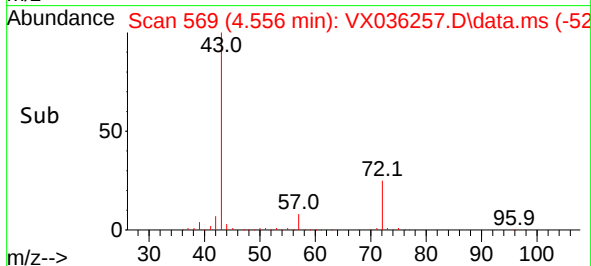
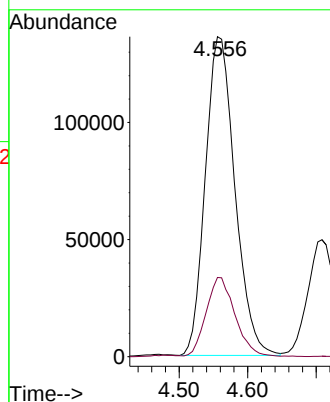
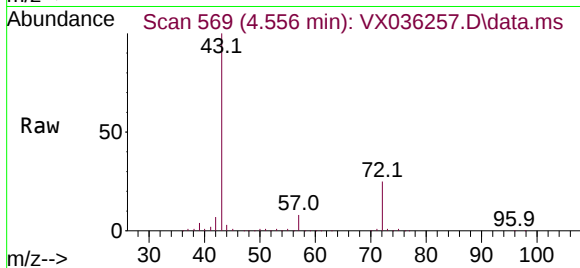
#25
2-Butanone
Concen: 251.160 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 40793
Ion Ratio Lower Upper
43 100
72 24.7 19.4 29.2

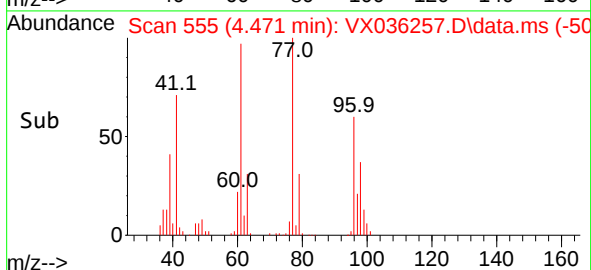
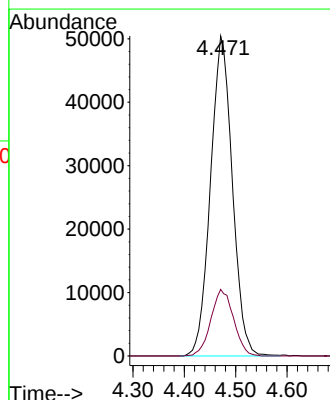
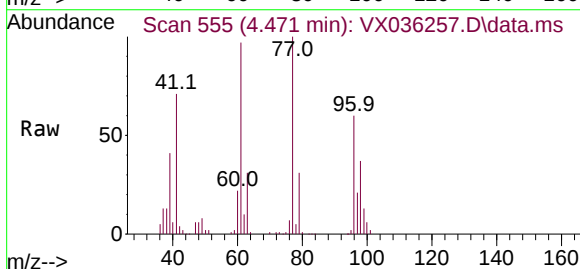
Manual Integrations
APPROVED

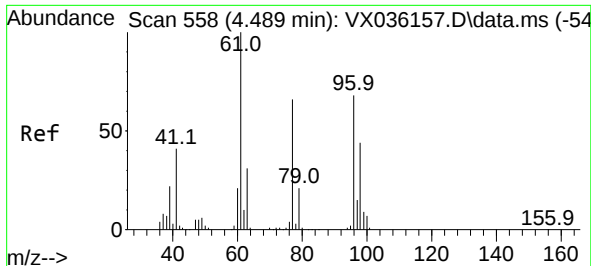
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#26
2,2-Dichloropropane
Concen: 52.140 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

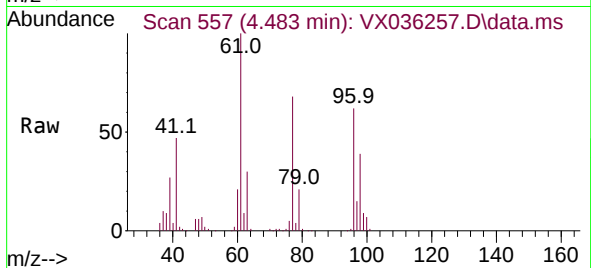
Tgt Ion: 77 Resp: 148816
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 51.497 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX036257.D
 Acq: 21 Jun 2023 09:42

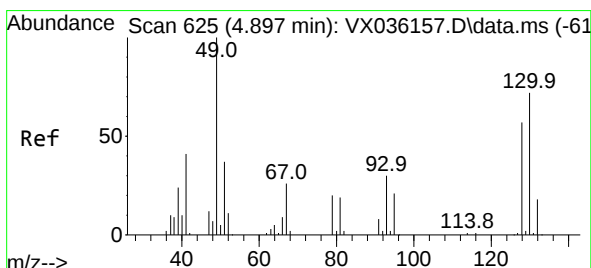
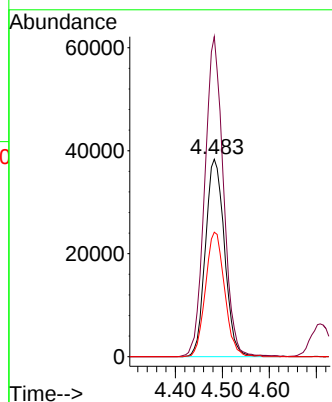
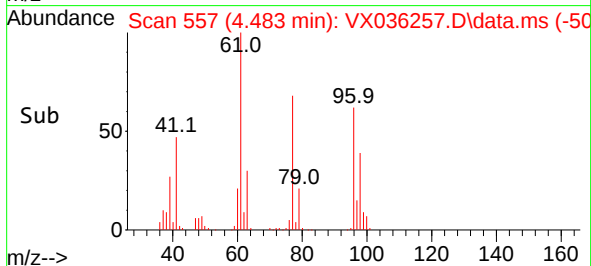
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 10794
 Ion Ratio Lower Upper
 96 100
 61 158.7 0.0 312.2
 98 63.3 0.0 129.0

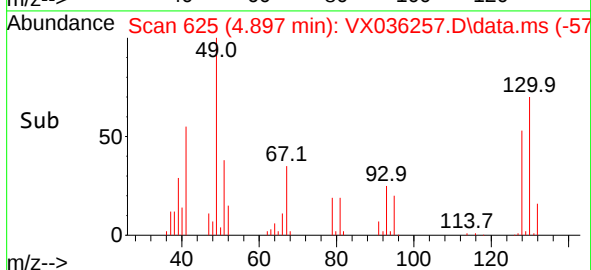
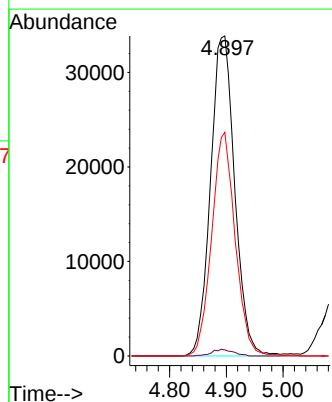
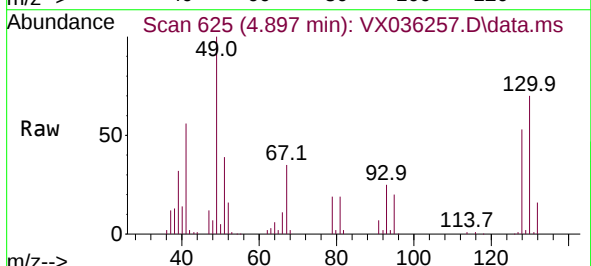
Manual Integrations
 APPROVED

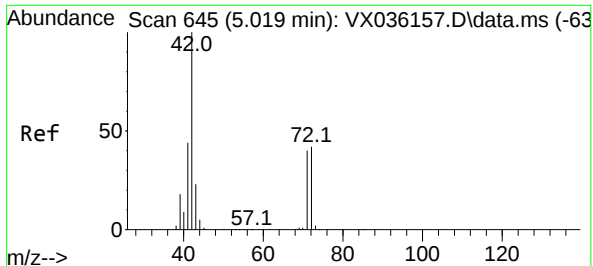
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#28
 Bromochloromethane
 Concen: 52.494 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX036257.D
 Acq: 21 Jun 2023 09:42

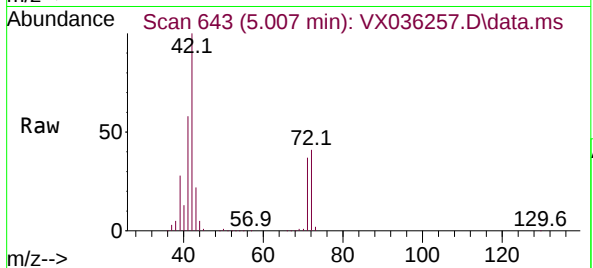
Tgt Ion: 49 Resp: 100437
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 67.8 57.5 86.3





#29
Tetrahydrofuran
Concen: 240.058 ug/l
RT: 5.007 min Scan# 645
Delta R.T. -0.012 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

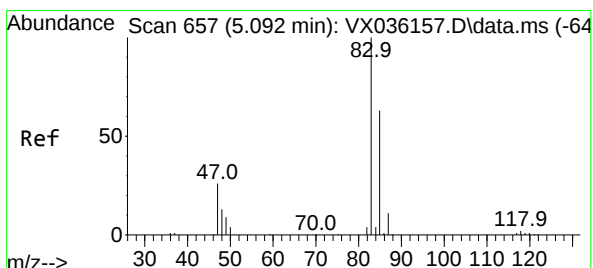
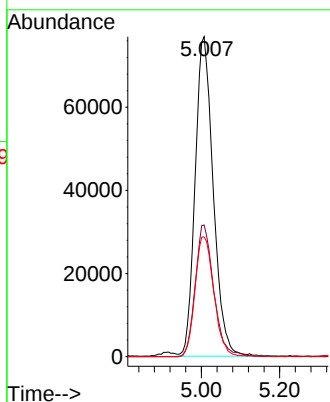
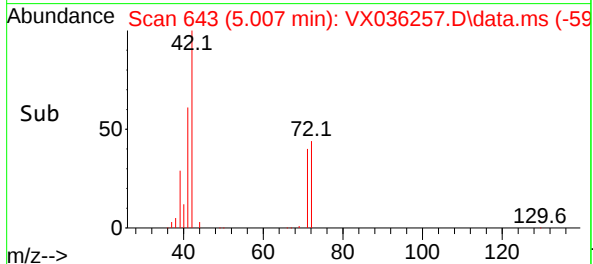
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 24763
Ion Ratio Lower Upper
42 100
72 42.0 34.2 51.4
71 39.0 32.2 48.2

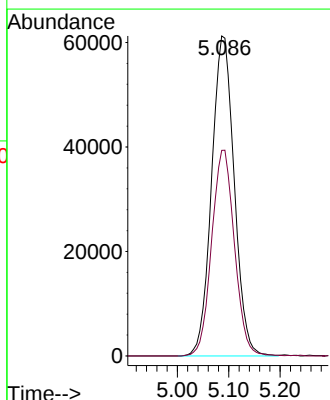
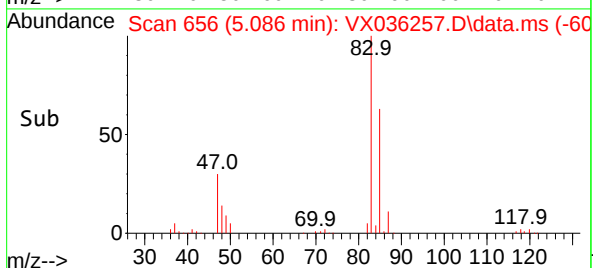
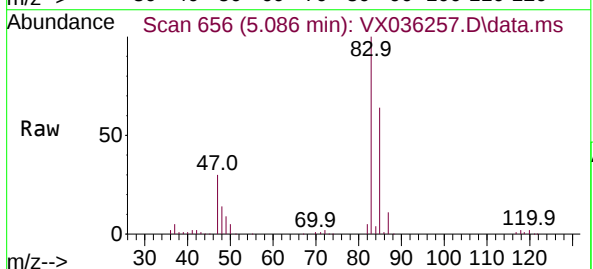
Manual Integrations
APPROVED

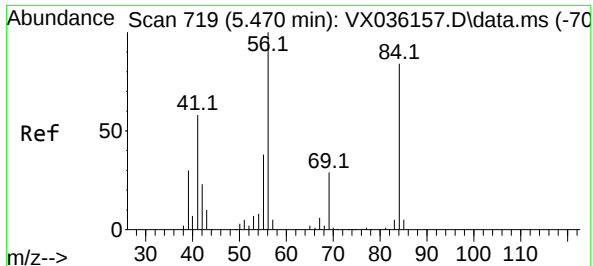
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#30
Chloroform
Concen: 48.458 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

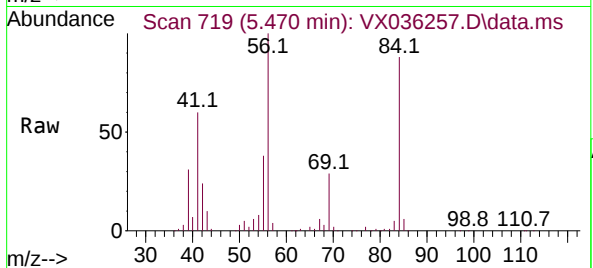
Tgt Ion: 83 Resp: 187311
Ion Ratio Lower Upper
83 100
85 64.2 50.3 75.5





#31
Cyclohexane
Concen: 53.802 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

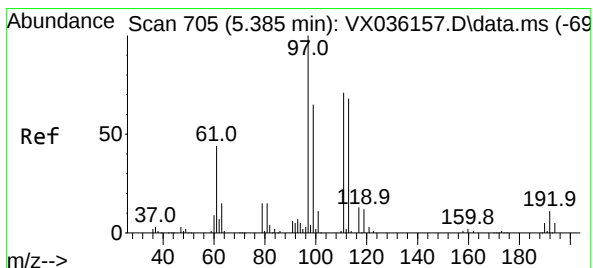
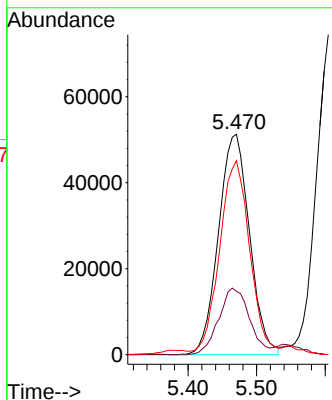
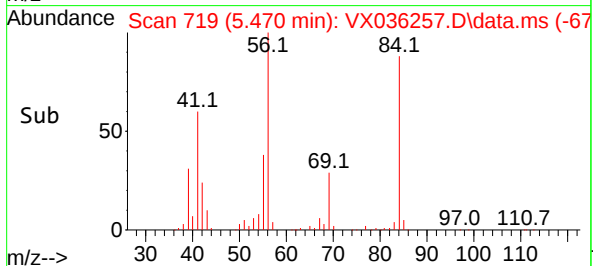
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



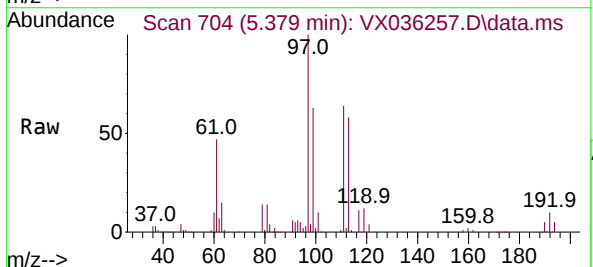
Tgt Ion: 56 Resp: 161170
Ion Ratio Lower Upper
56 100
69 28.8 23.4 35.2
84 86.0 65.9 98.9

Manual Integrations
APPROVED

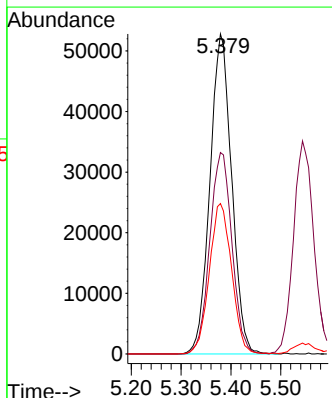
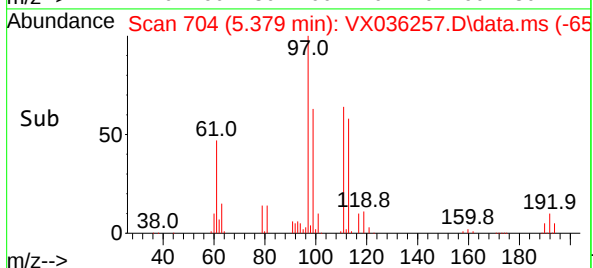
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

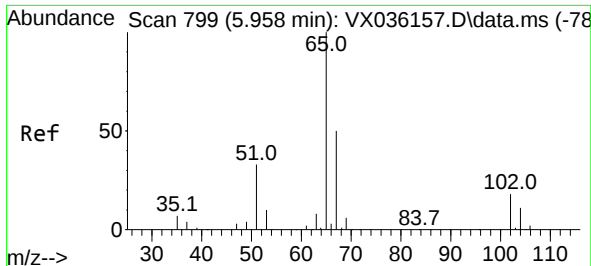


#32
1,1,1-Trichloroethane
Concen: 48.701 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42



Tgt Ion: 97 Resp: 159602
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 48.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.802 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 12789

Ion Ratio Lower Upper

65 100

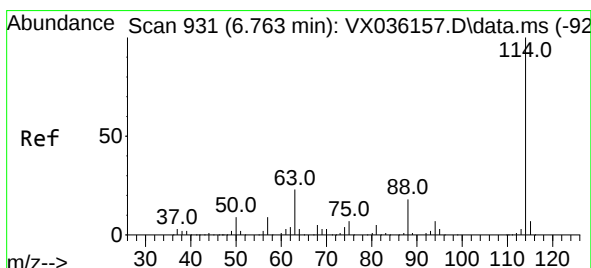
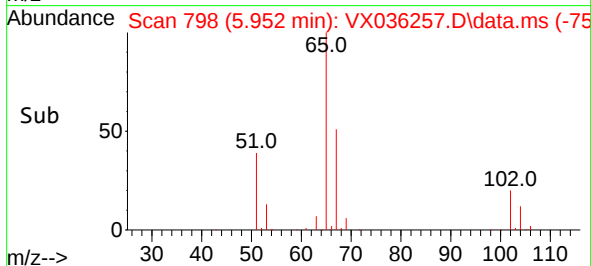
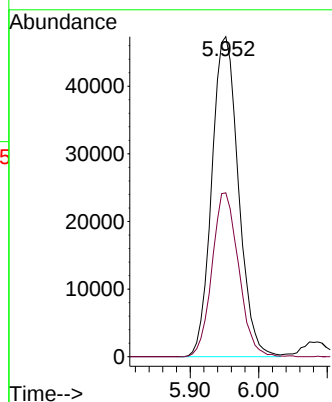
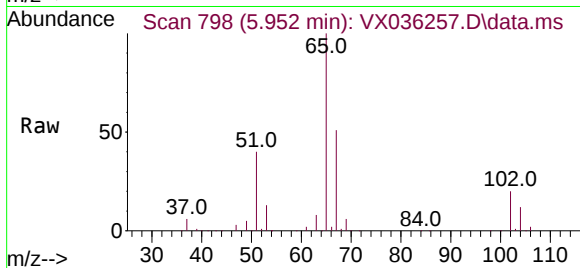
67 51.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

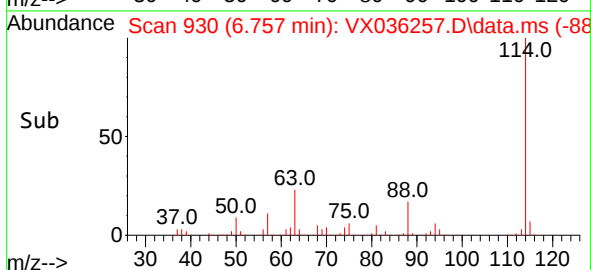
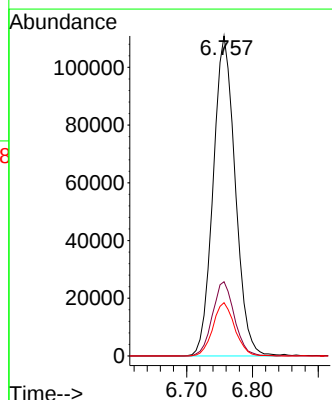
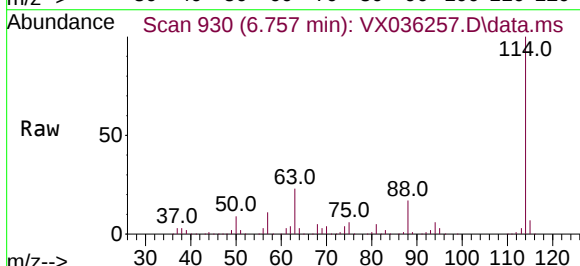
Tgt Ion:114 Resp: 258770

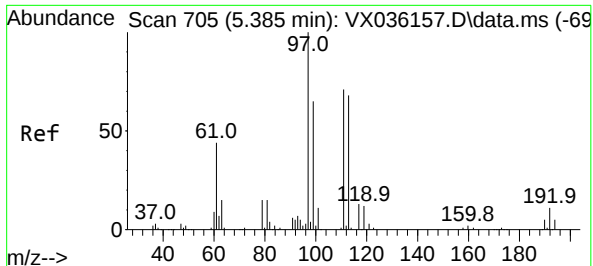
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

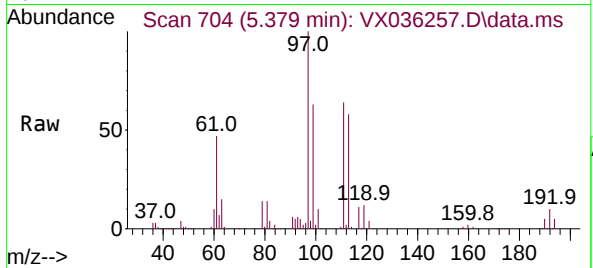
88 16.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 52.508 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

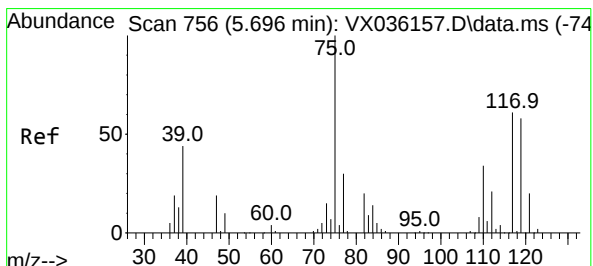
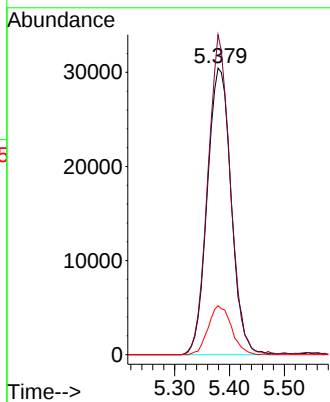
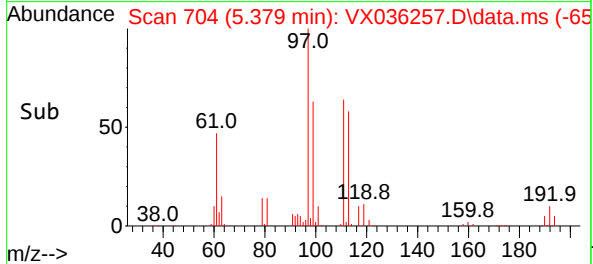
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 92140
Ion Ratio Lower Upper
113 100
111 104.5 82.9 124.3
192 16.6 13.3 19.9

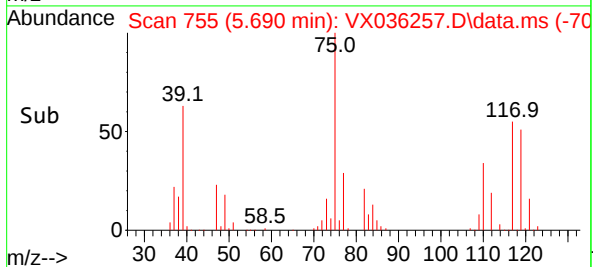
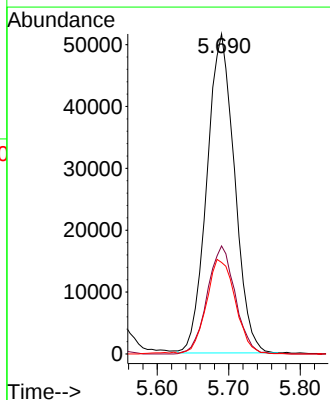
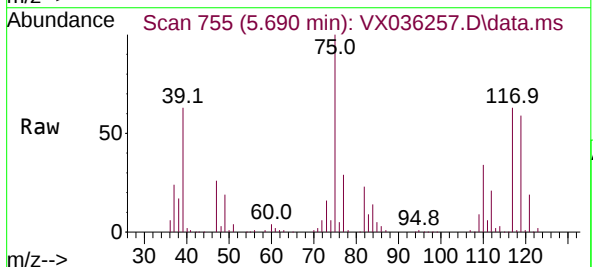
Manual Integrations
APPROVED

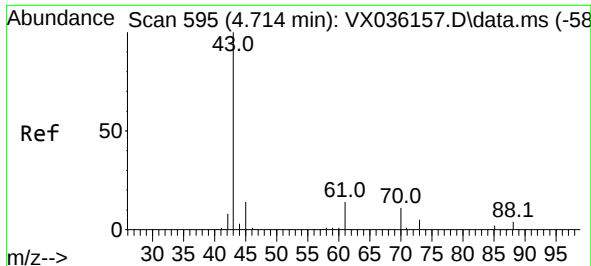
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#36
1,1-Dichloropropene
Concen: 53.519 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Tgt Ion: 75 Resp: 138337
Ion Ratio Lower Upper
75 100
110 34.2 17.0 50.9
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 48.457 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 14593

Ion Ratio Lower Upper

43 100

61 13.2 10.6 16.0

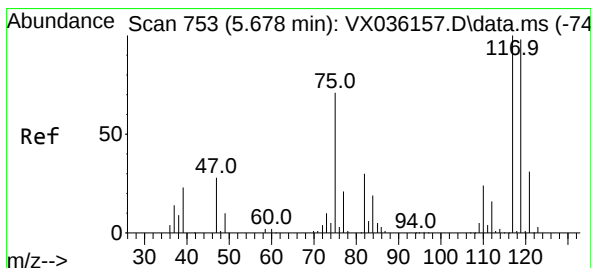
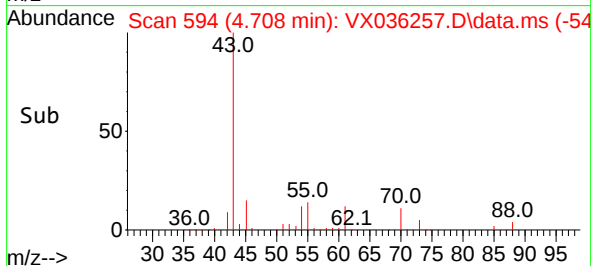
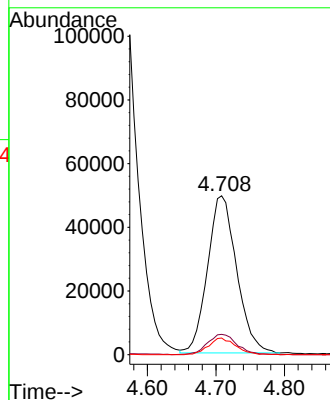
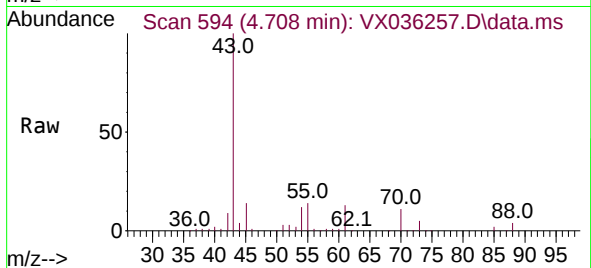
70 9.9 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#38

Carbon Tetrachloride

Concen: 52.477 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

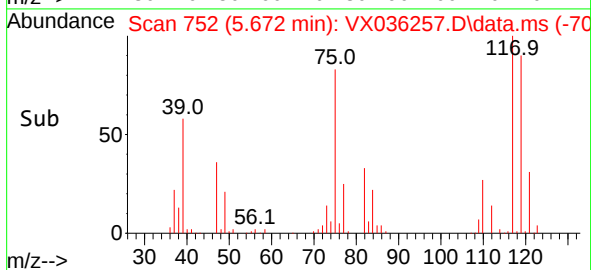
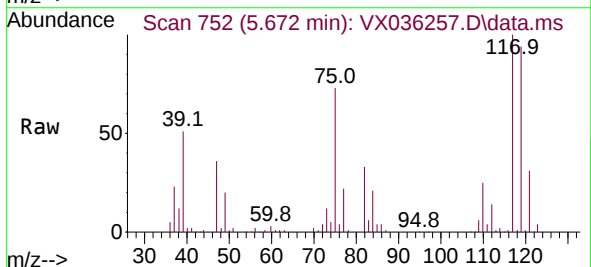
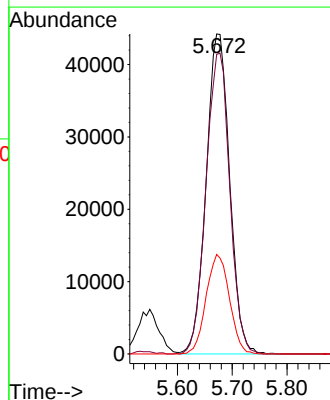
Tgt Ion:117 Resp: 131862

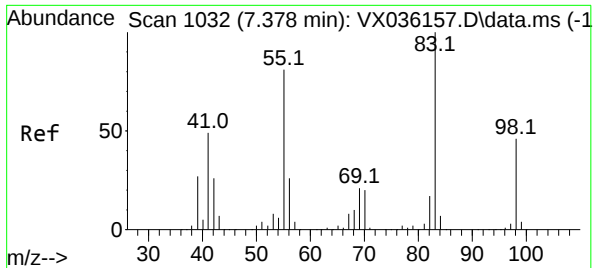
Ion Ratio Lower Upper

117 100

119 93.6 78.2 117.2

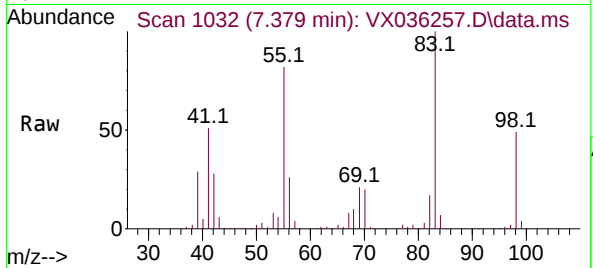
121 31.1 24.4 36.6





#39
Methylcyclohexane
Concen: 58.779 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

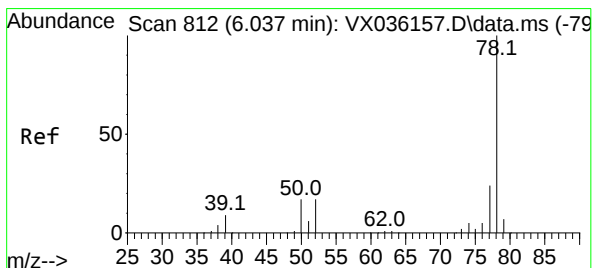
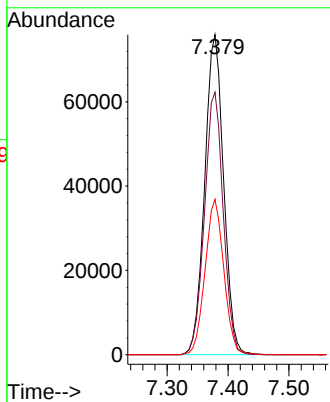
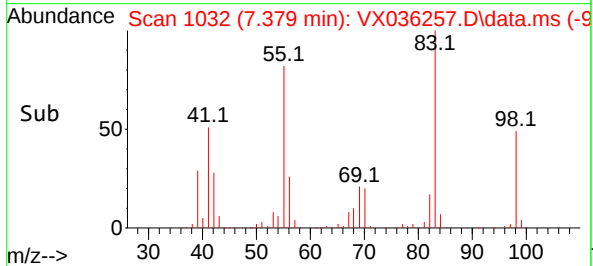
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



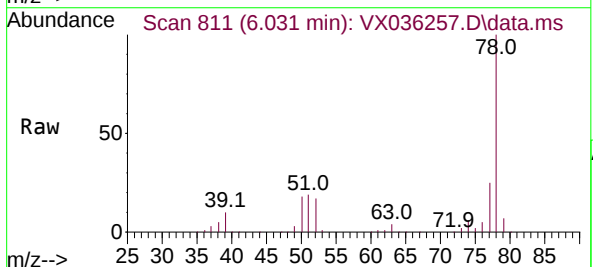
Tgt Ion: 83 Resp: 163634
Ion Ratio Lower Upper
83 100
55 82.0 64.6 97.0
98 48.6 36.7 55.1

Manual Integrations
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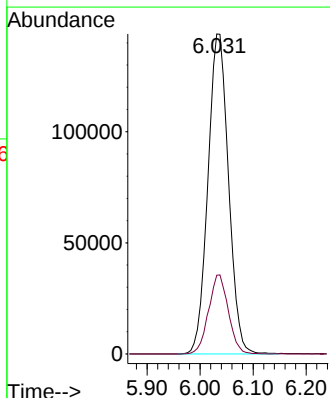
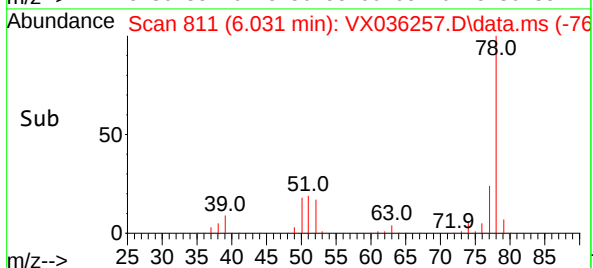
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

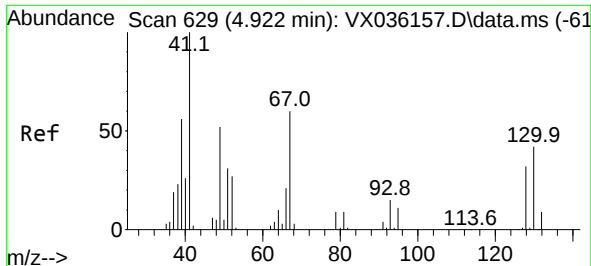


#40
Benzene
Concen: 53.445 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42



Tgt Ion: 78 Resp: 388489
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9





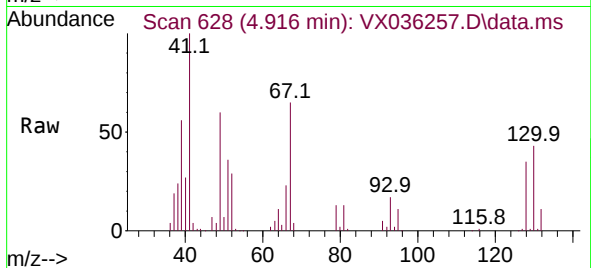
#41
Methacrylonitrile
Concen: 50.896 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



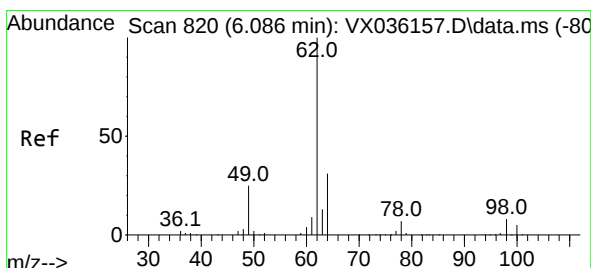
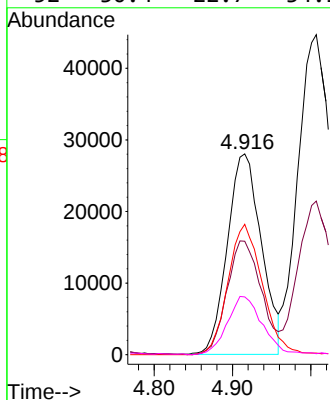
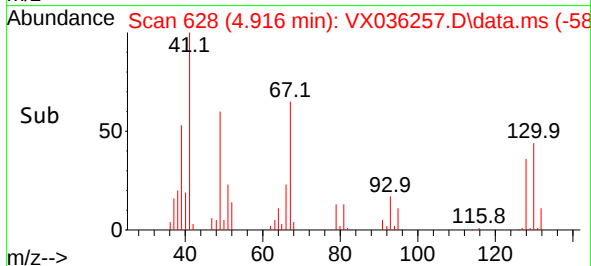
Tgt Ion: 41 Resp: 8450
Ion Ratio Lower Upper
41 100
39 57.3 45.2 67.8
67 66.0 52.6 78.8
52 30.4 22.7 34.1

Manual Integrations

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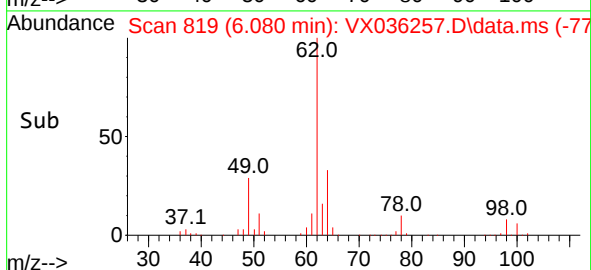
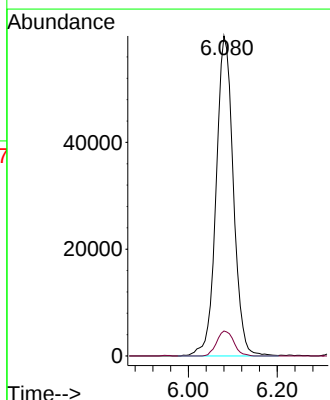
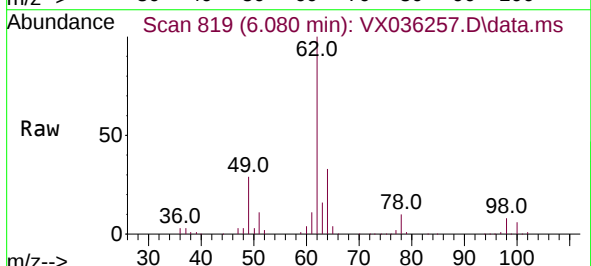
Reviewed By :John Carlone 06/22/2023

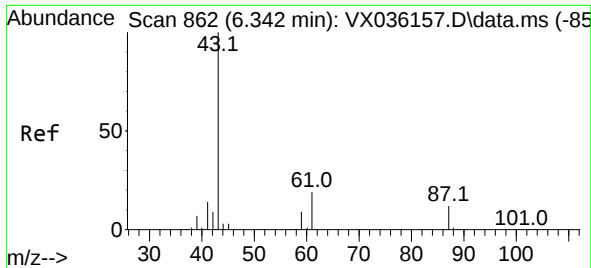
Supervised By :Mahesh Dadoda 06/22/2023



#42
1,2-Dichloroethane
Concen: 49.126 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

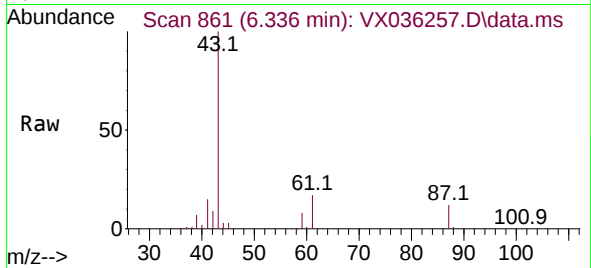
Tgt Ion: 62 Resp: 160870
Ion Ratio Lower Upper
62 100
98 7.7 0.0 16.0





#43
Isopropyl Acetate
Concen: 53.155 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

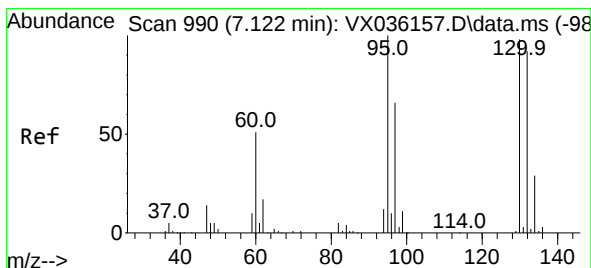
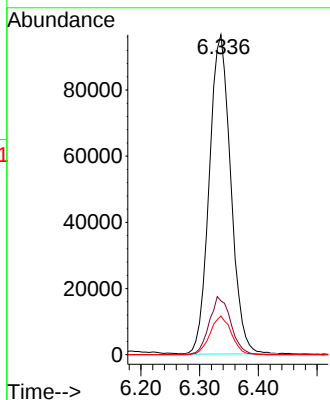
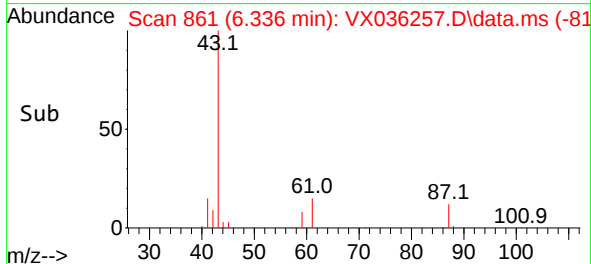
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 244982
Ion Ratio Lower Upper
43 100
61 18.2 15.2 22.8
87 12.0 9.8 14.6

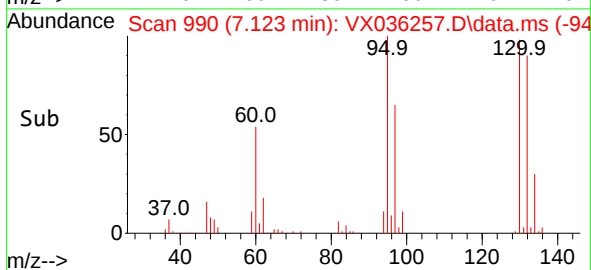
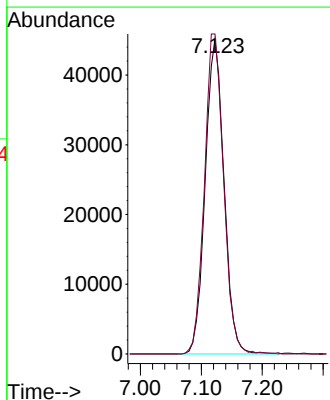
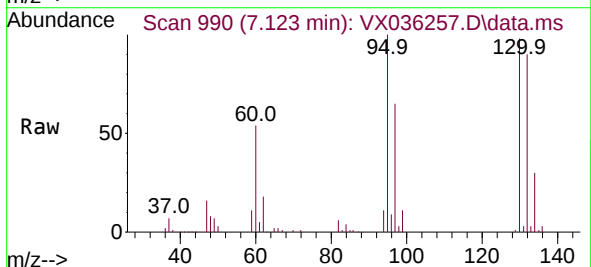
Manual Integrations
APPROVED

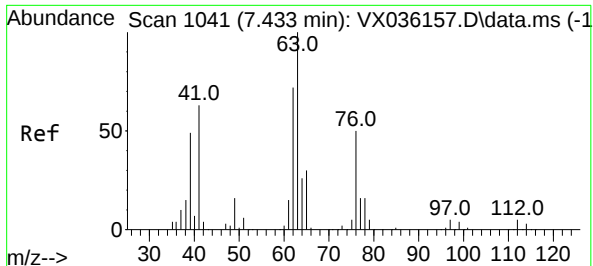
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#44
Trichloroethene
Concen: 53.224 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Tgt Ion:130 Resp: 96677
Ion Ratio Lower Upper
130 100
95 101.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 53.749 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 103870

Ion Ratio Lower Upper

63 100

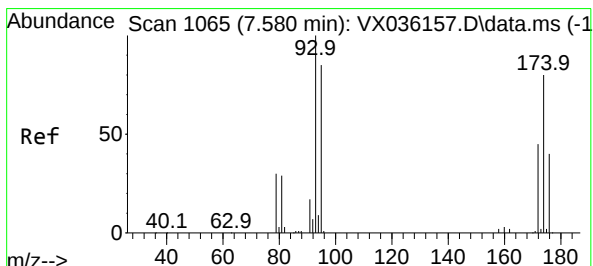
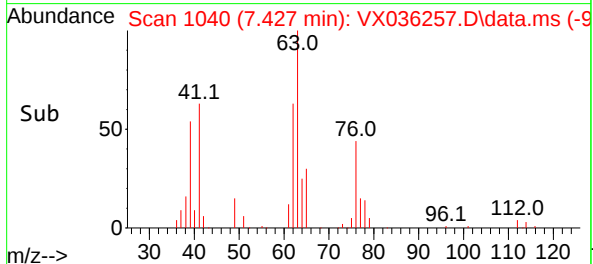
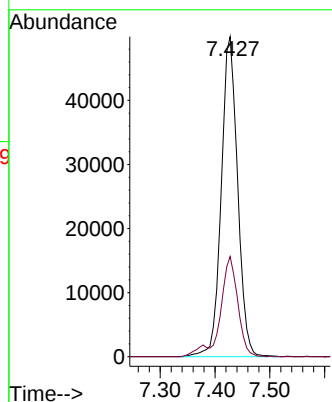
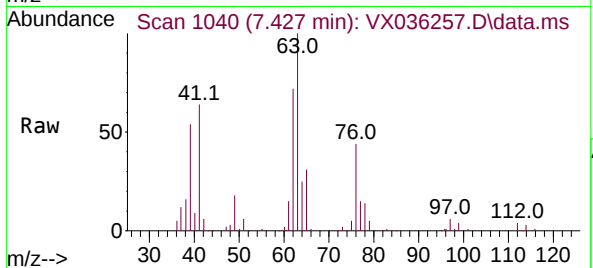
65 31.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#46

Dibromomethane

Concen: 52.072 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

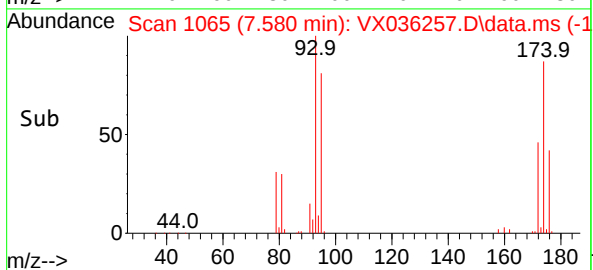
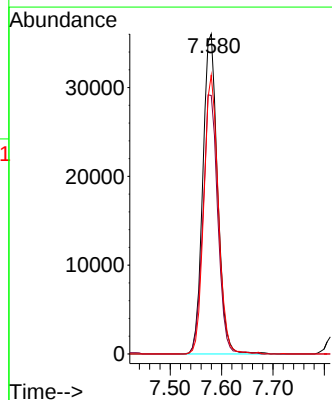
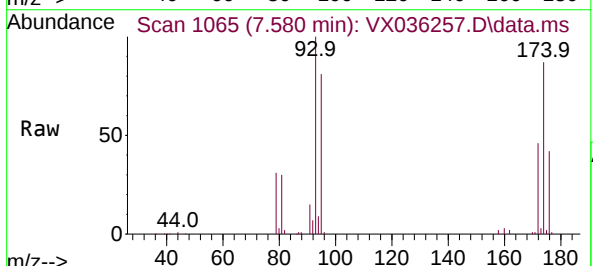
Tgt Ion: 93 Resp: 71687

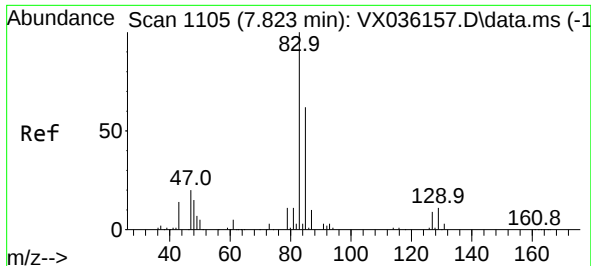
Ion Ratio Lower Upper

93 100

95 81.5 66.6 100.0

174 85.4 69.4 104.0





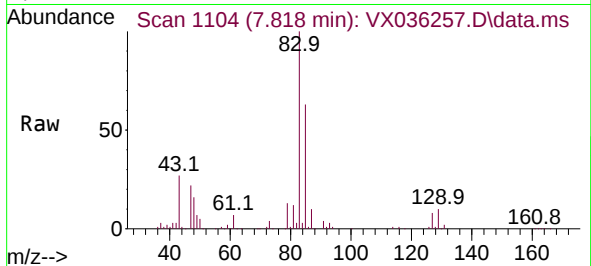
#47
Bromodichloromethane
Concen: 51.791 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



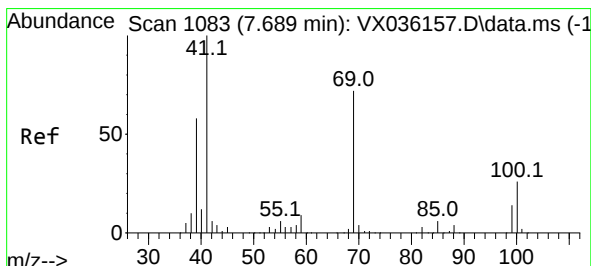
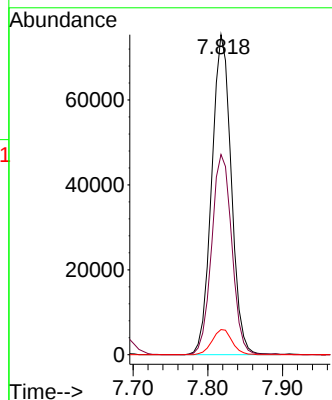
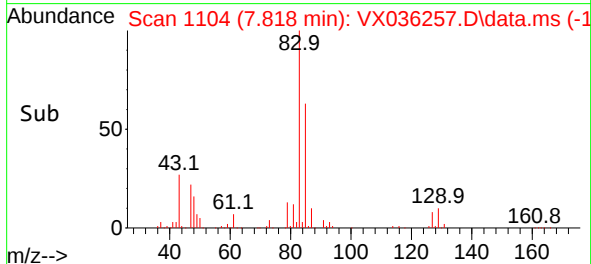
Tgt Ion: 83 Resp: 13688
Ion Ratio Lower Upper
83 100
85 62.6 49.8 74.6
127 7.9 7.1 10.7

Manual Integrations

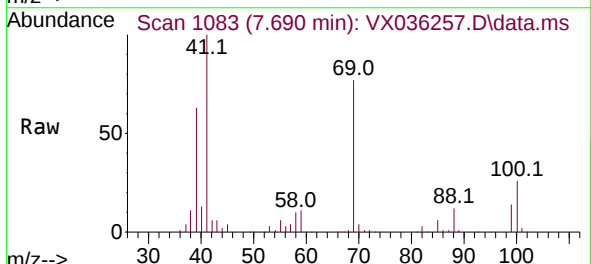
APPROVED

Reviewed By :John Carlone 06/22/2023

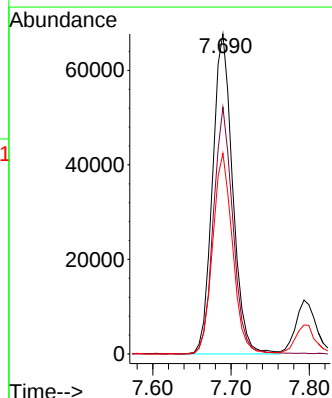
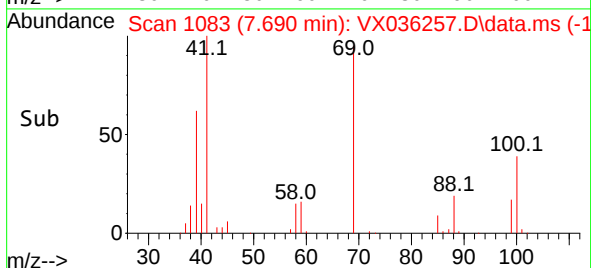
Supervised By :Mahesh Dadoda 06/22/2023

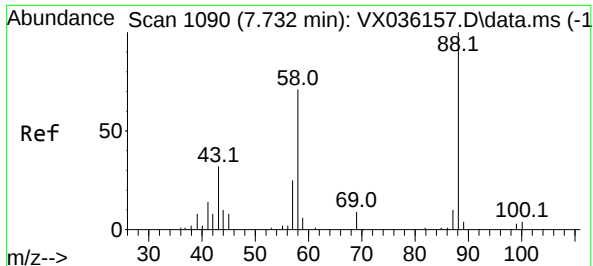


#48
Methyl methacrylate
Concen: 51.210 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42



Tgt Ion: 41 Resp: 121091
Ion Ratio Lower Upper
41 100
69 74.5 59.2 88.8
39 62.0 47.7 71.5





#49

1,4-Dioxane

Concen: 1137.612 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. -0.024 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 45038

Ion Ratio Lower Upper

88 100

43 35.8 0.0 0.0

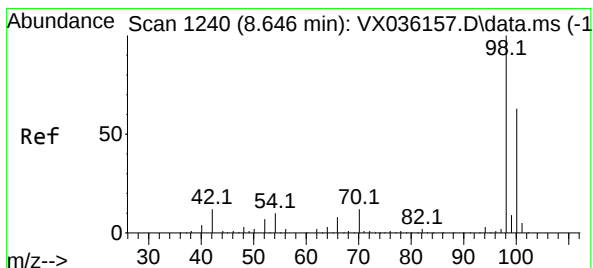
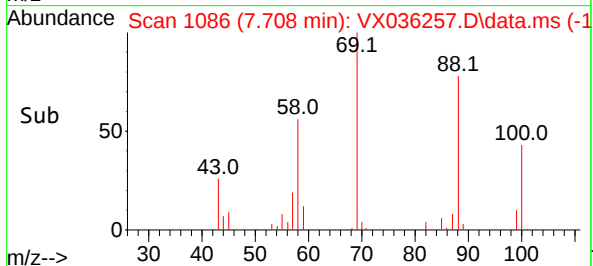
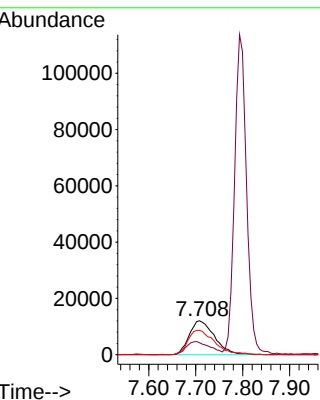
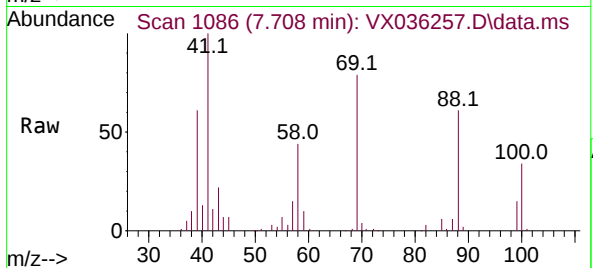
58 75.7 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#50

Toluene-d8

Concen: 50.963 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036257.D

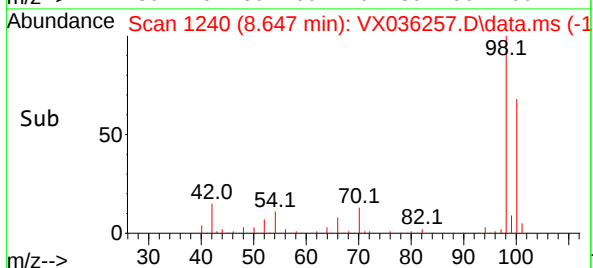
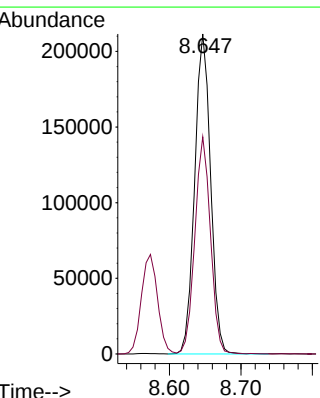
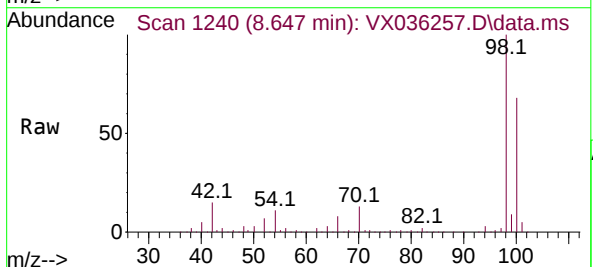
Acq: 21 Jun 2023 09:42

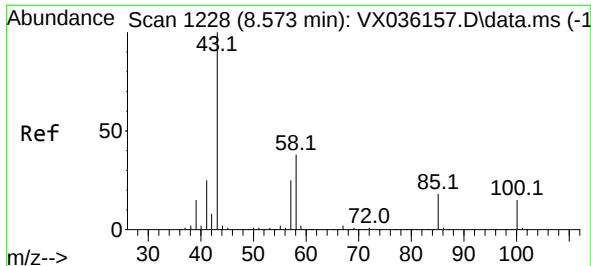
Tgt Ion: 98 Resp: 327118

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 254.855 ug/l

RT: 8.573 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 74166

Ion Ratio Lower Upper

43 100

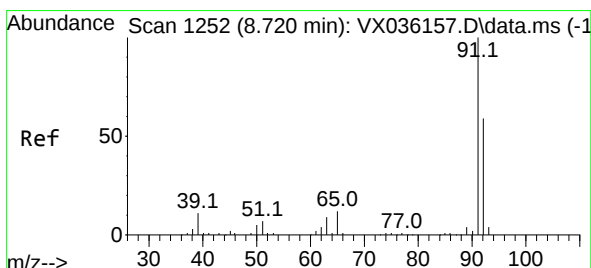
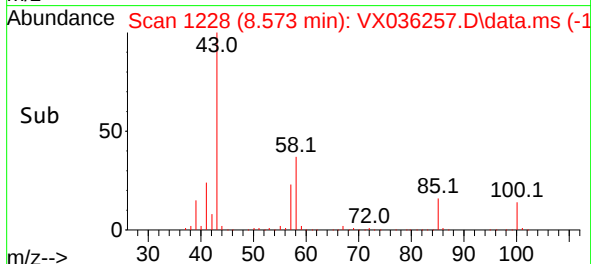
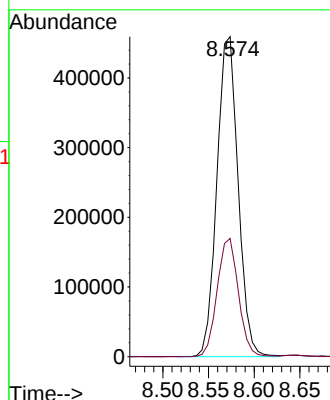
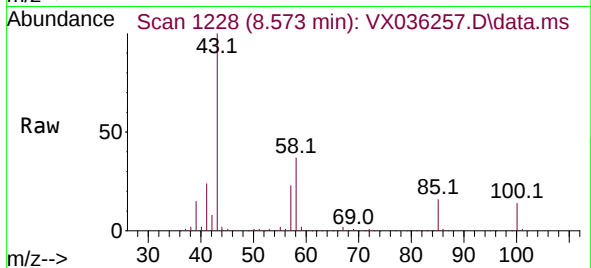
58 37.0 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#52

Toluene

Concen: 52.309 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX036257.D

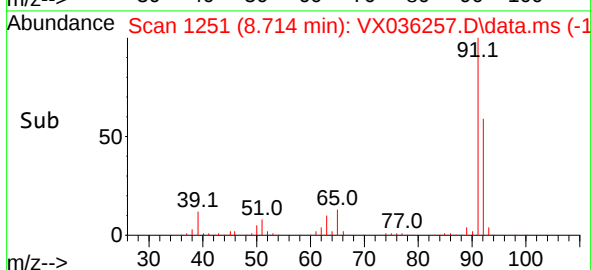
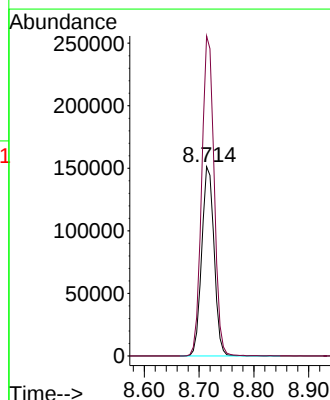
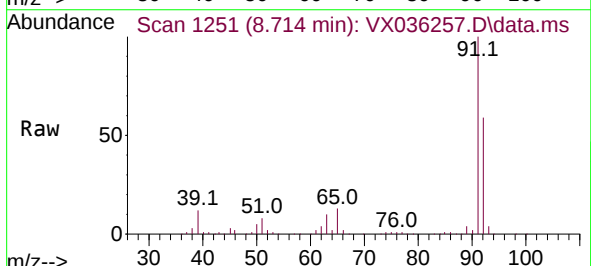
Acq: 21 Jun 2023 09:42

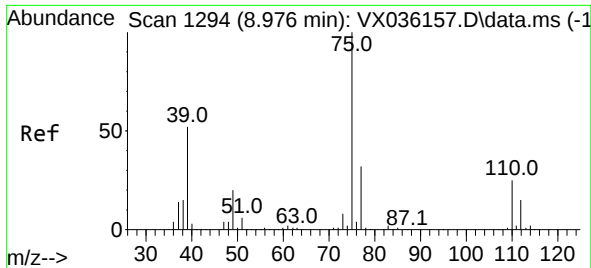
Tgt Ion: 92 Resp: 238057

Ion Ratio Lower Upper

92 100

91 168.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 53.682 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 146140

Ion Ratio Lower Upper

75 100

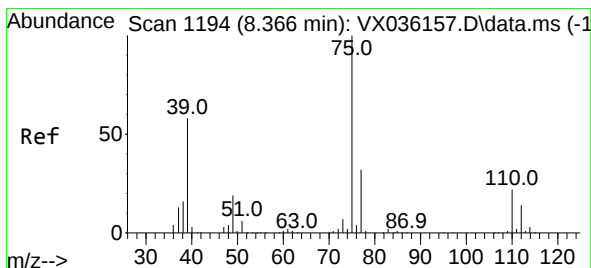
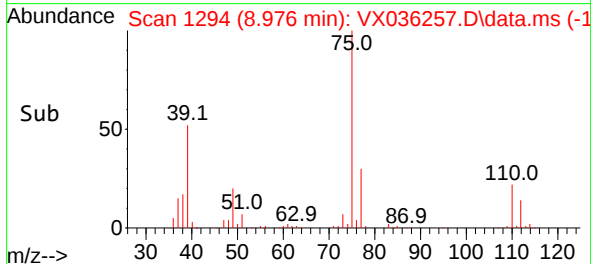
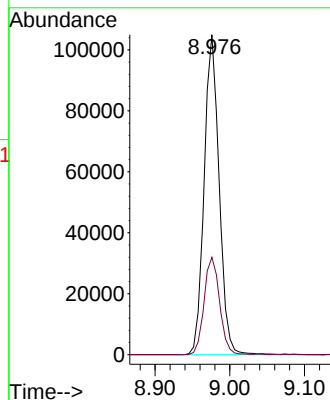
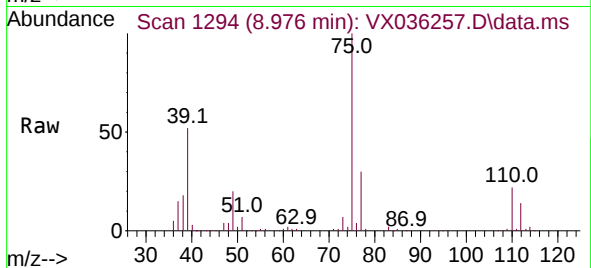
77 30.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#54

cis-1,3-Dichloropropene

Concen: 55.210 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

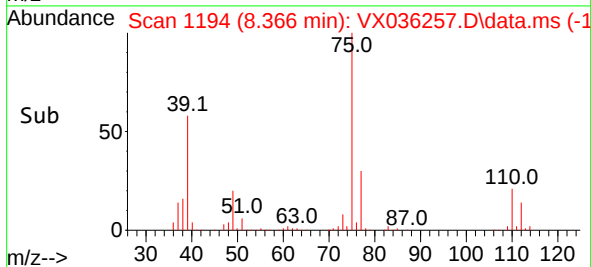
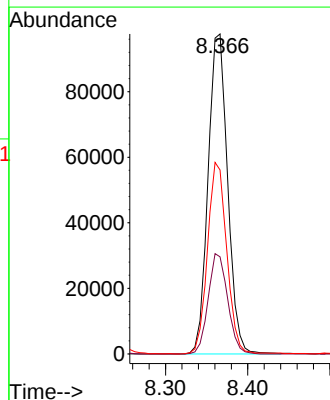
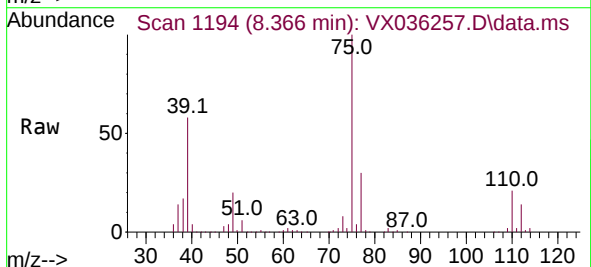
Tgt Ion: 75 Resp: 161176

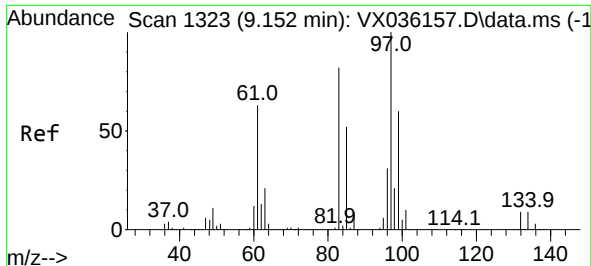
Ion Ratio Lower Upper

75 100

77 30.3 25.3 37.9

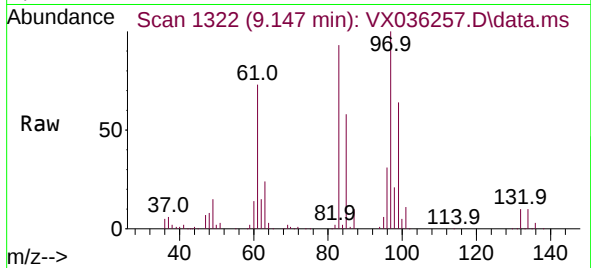
39 57.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 49.697 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.005 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

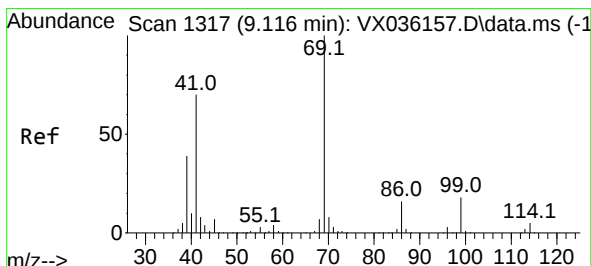
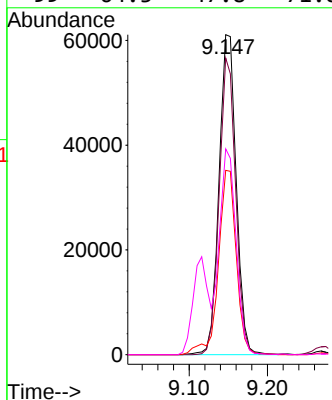
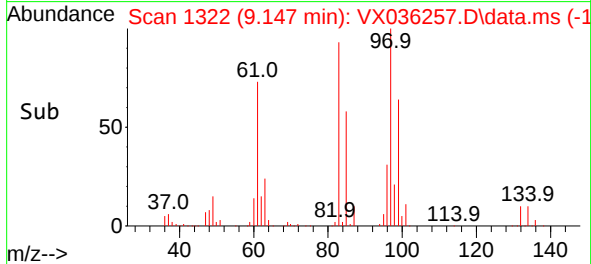
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



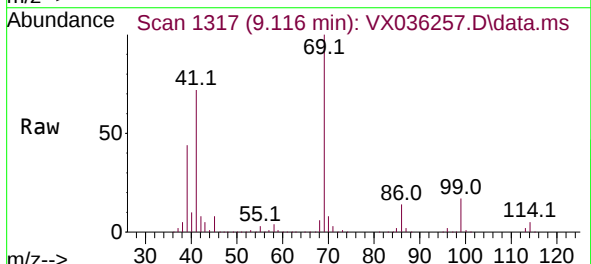
Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.7	65.8	98.8
85	57.6	41.6	62.4
99	64.3	47.8	71.8

Manual Integrations
APPROVED

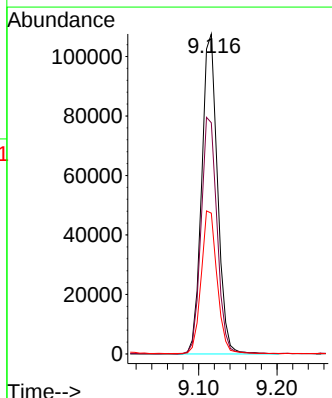
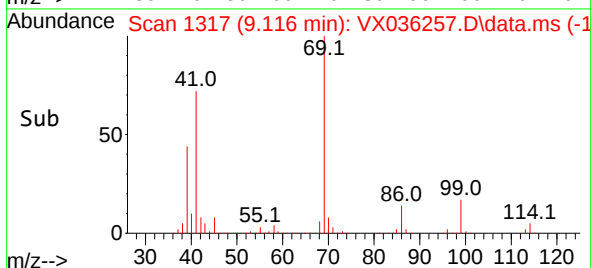
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

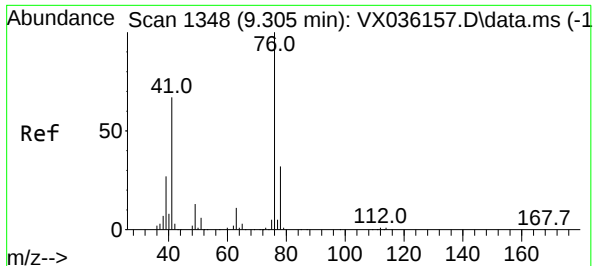


#56
Ethyl methacrylate
Concen: 53.096 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42



Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.1	56.8	85.2
39	44.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 50.420 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 168520

Ion Ratio Lower Upper

76 100

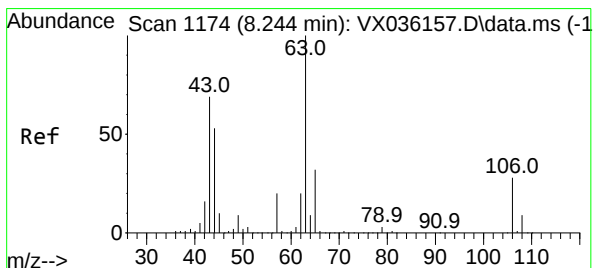
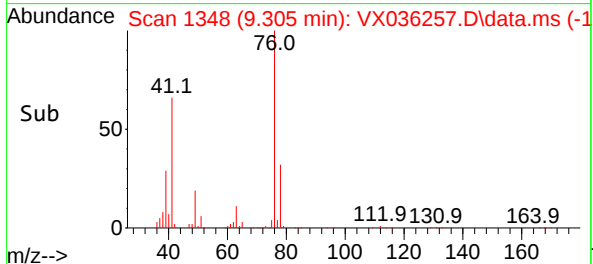
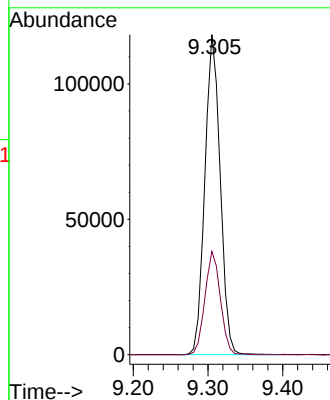
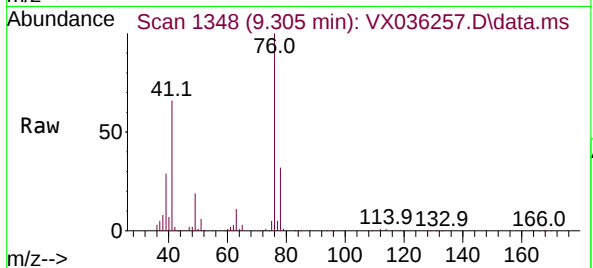
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 261.240 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036257.D

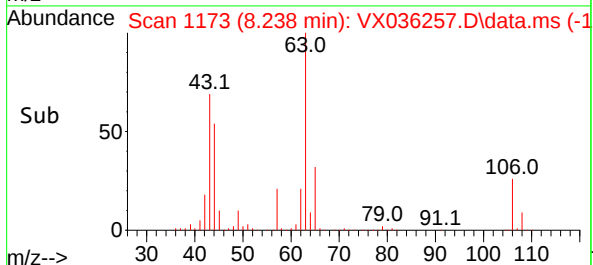
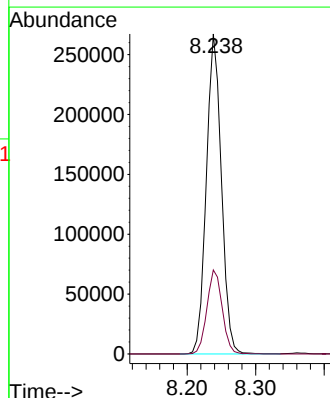
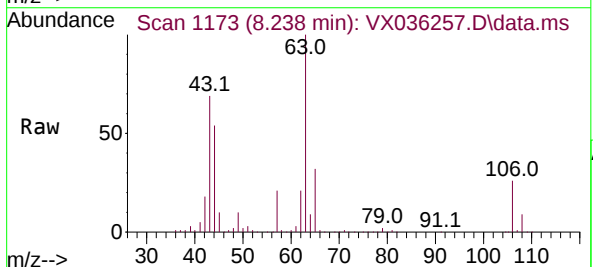
Acq: 21 Jun 2023 09:42

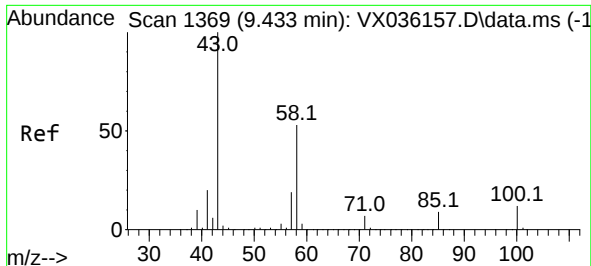
Tgt Ion: 63 Resp: 408653

Ion Ratio Lower Upper

63 100

106 26.6 22.5 33.7





#59

2-Hexanone

Concen: 265.643 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 57472

Ion Ratio Lower Upper

43 100

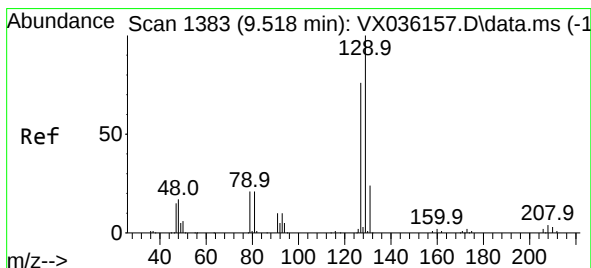
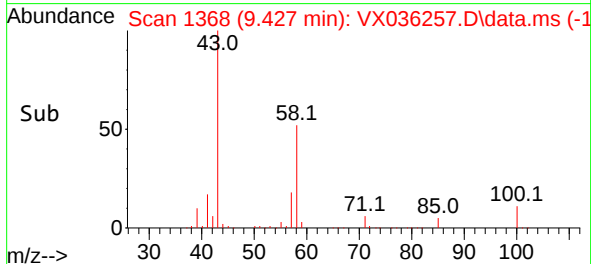
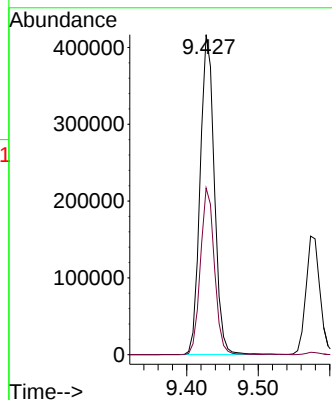
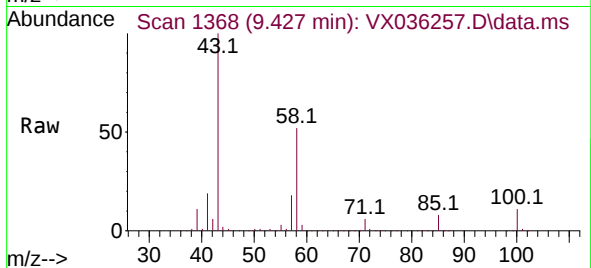
58 51.3 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#60

Dibromochloromethane

Concen: 50.949 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX036257.D

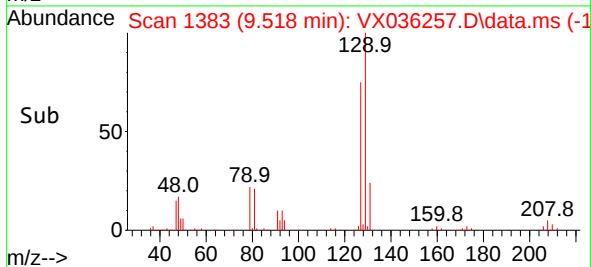
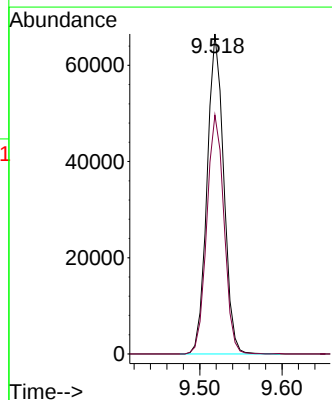
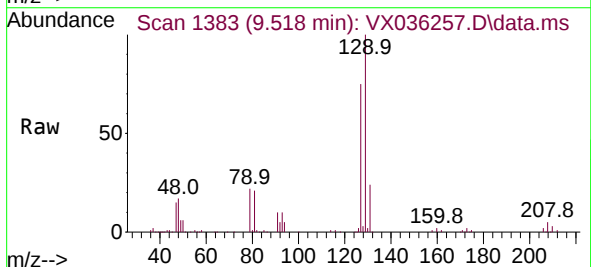
Acq: 21 Jun 2023 09:42

Tgt Ion:129 Resp: 93430

Ion Ratio Lower Upper

129 100

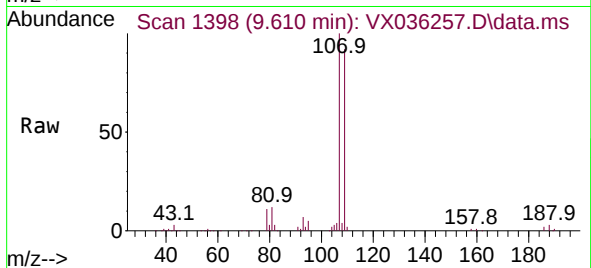
127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.901 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

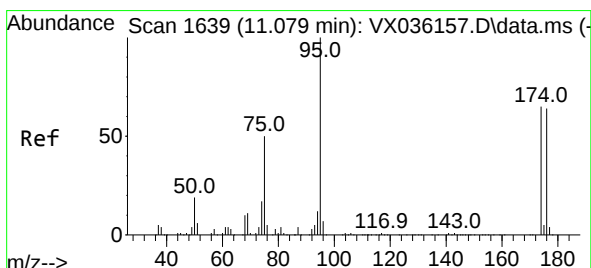
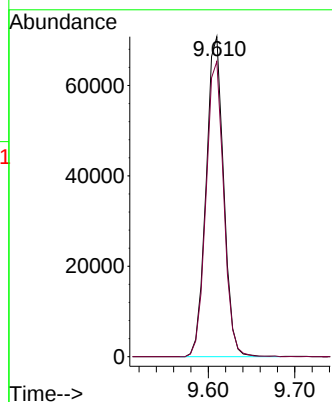
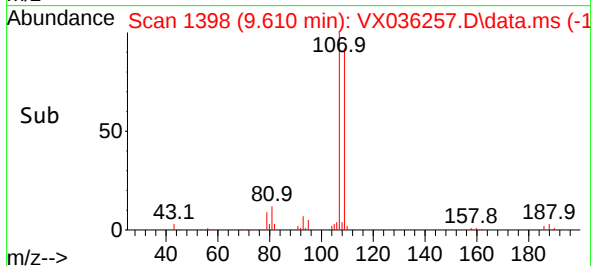
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



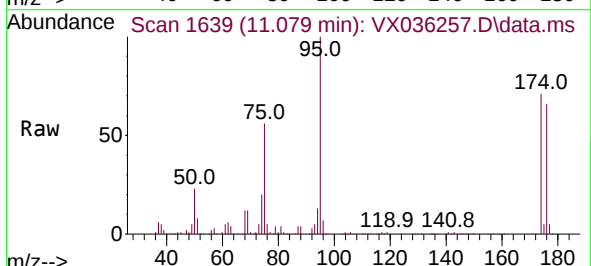
Tgt Ion:107 Resp: 99712
Ion Ratio Lower Upper
107 100
109 93.1 75.2 112.8

Manual Integrations
APPROVED

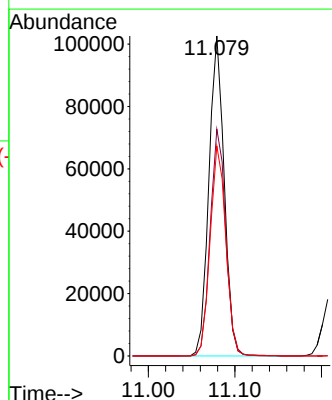
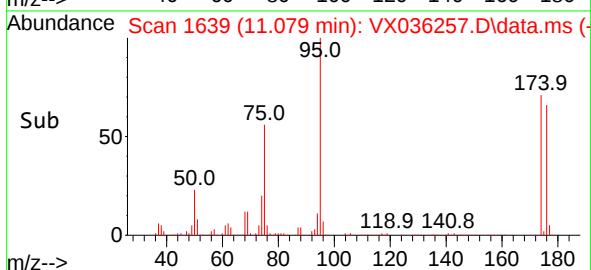
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

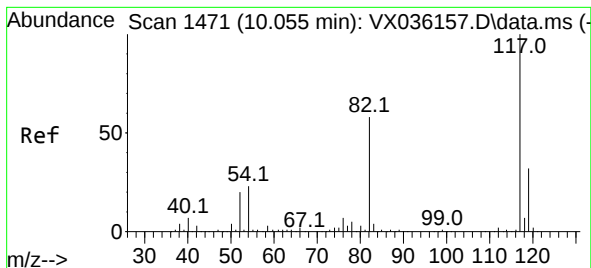


#62
4-Bromofluorobenzene
Concen: 48.466 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42



Tgt Ion: 95 Resp: 125575
Ion Ratio Lower Upper
95 100
174 72.0 0.0 135.6
176 67.4 0.0 131.0





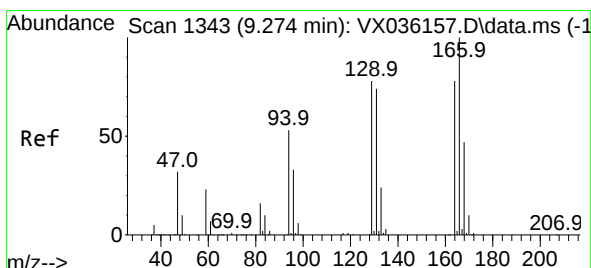
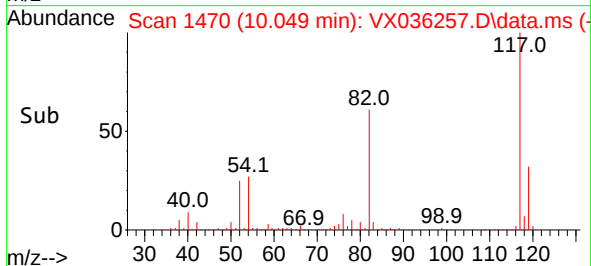
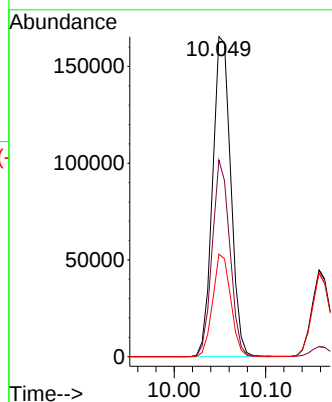
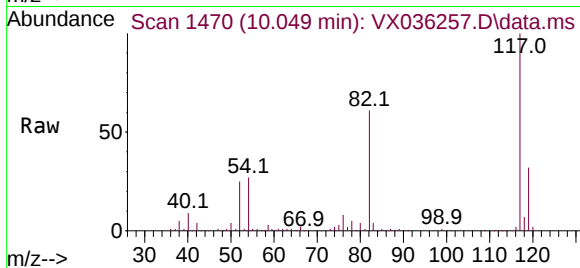
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 227999
Ion Ratio Lower Upper
117 100
82 61.4 46.2 69.4
119 32.0 25.5 38.3

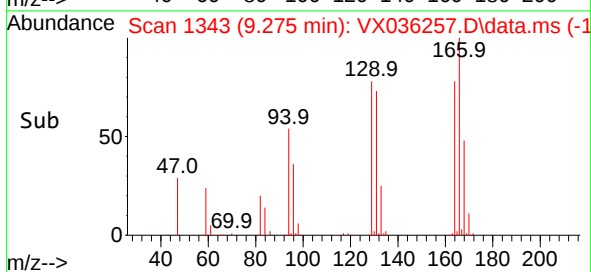
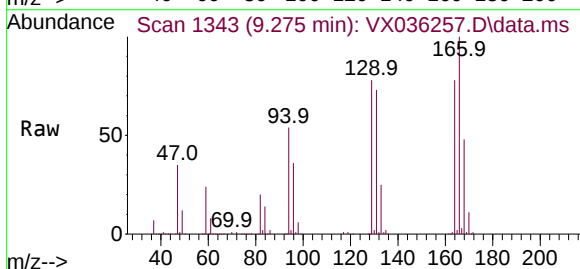
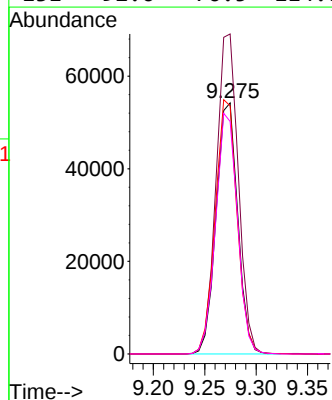
Manual Integrations
APPROVED

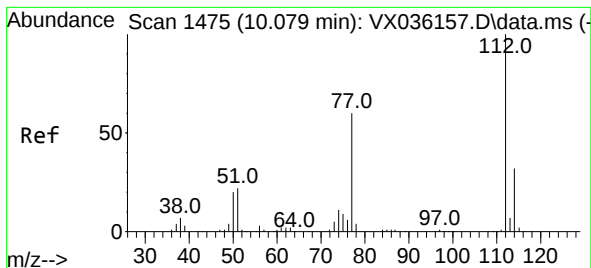
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#64
Tetrachloroethene
Concen: 55.691 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Tgt Ion:164 Resp: 79000
Ion Ratio Lower Upper
164 100
166 127.4 102.7 154.1
129 98.8 80.4 120.6
131 92.6 76.5 114.7





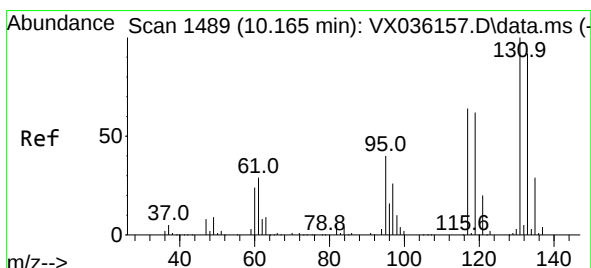
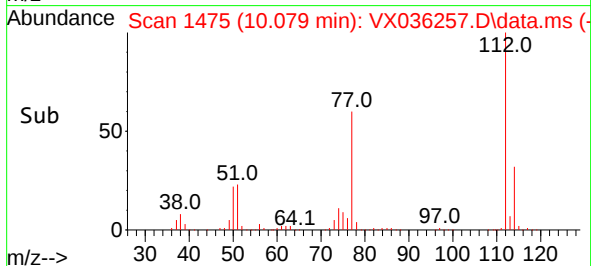
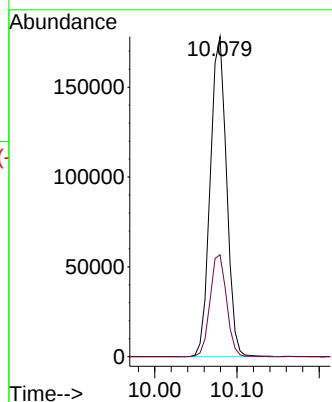
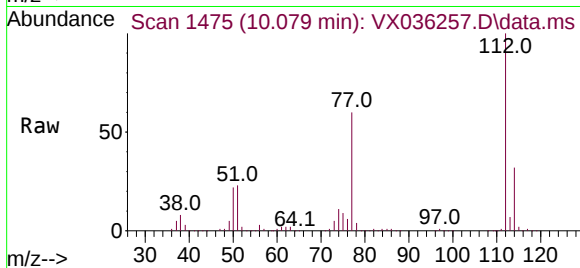
#65
Chlorobenzene
Concen: 52.030 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 245820
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

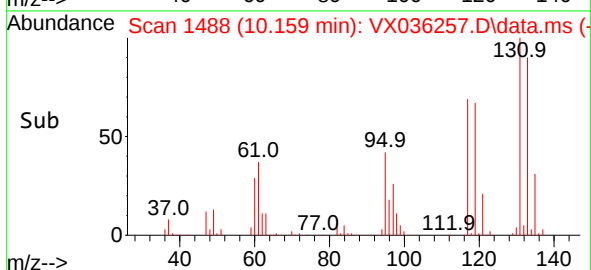
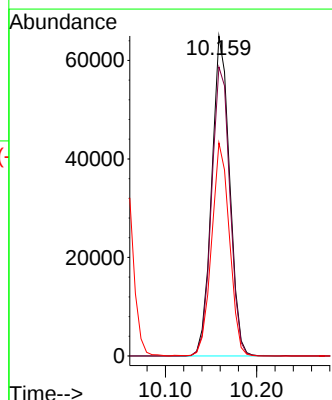
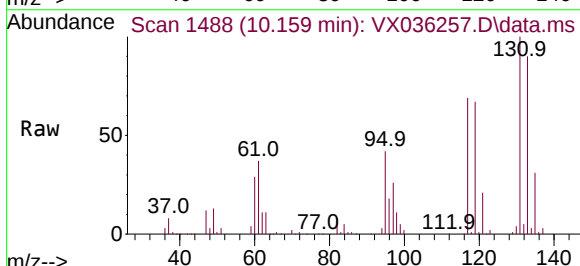
Manual Integrations
APPROVED

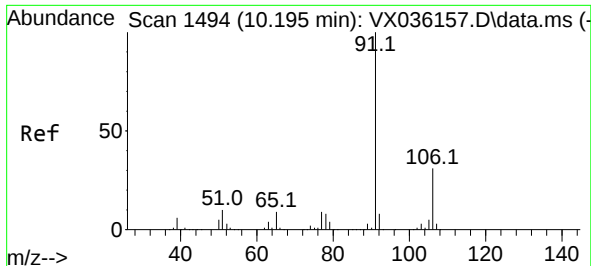
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 54.113 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Tgt Ion:131 Resp: 88226
Ion Ratio Lower Upper
131 100
133 92.5 47.1 141.4
119 66.3 32.2 96.6





#67

Ethyl Benzene

Concen: 54.163 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 457000

Ion Ratio Lower Upper

91 100

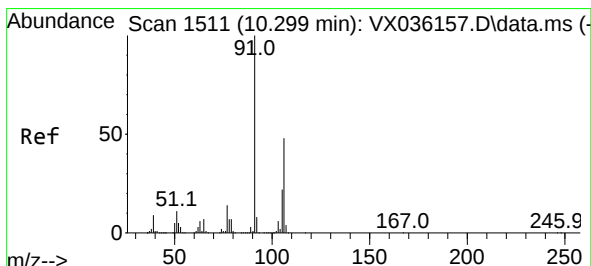
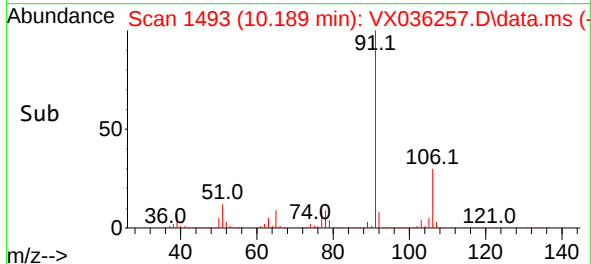
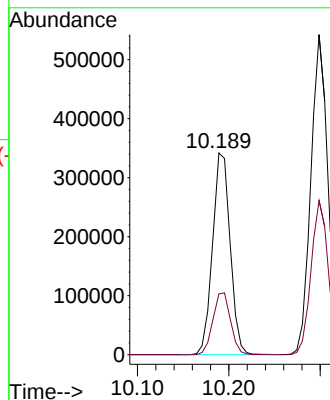
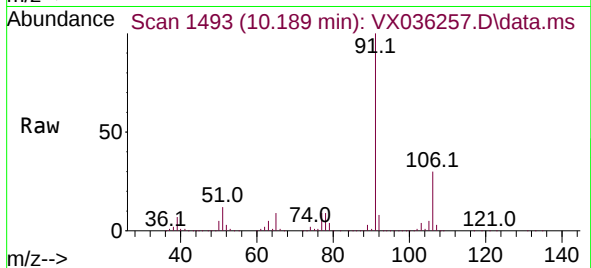
106 30.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#68

m/p-Xylenes

Concen: 108.020 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX036257.D

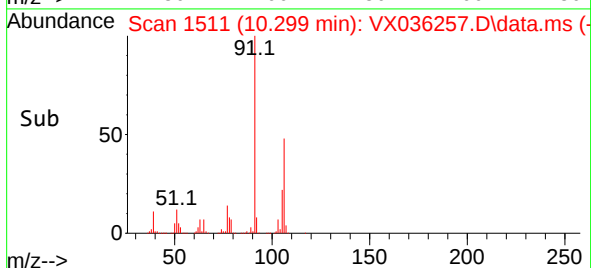
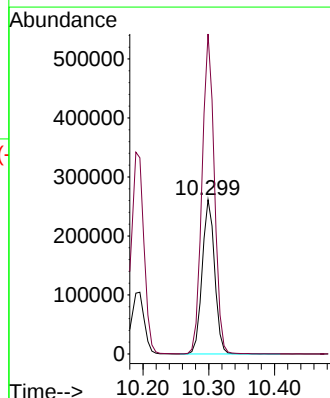
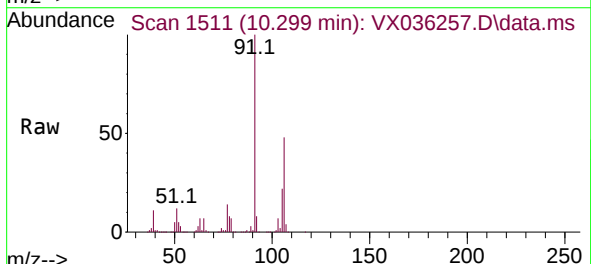
Acq: 21 Jun 2023 09:42

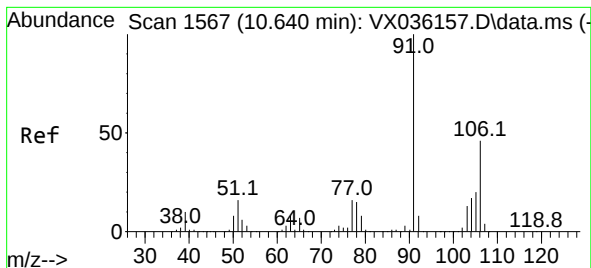
Tgt Ion:106 Resp: 343873

Ion Ratio Lower Upper

106 100

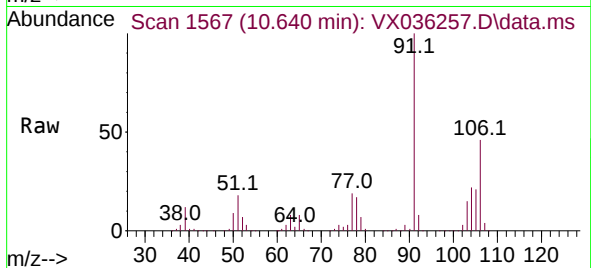
91 205.2 165.5 248.3





#69
o-Xylene
Concen: 53.489 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

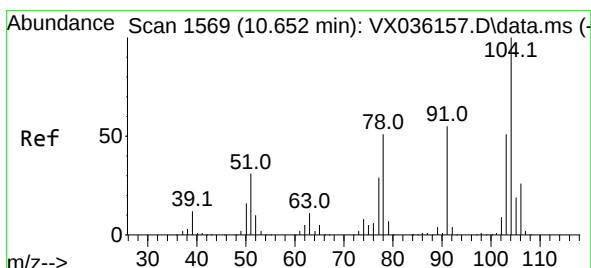
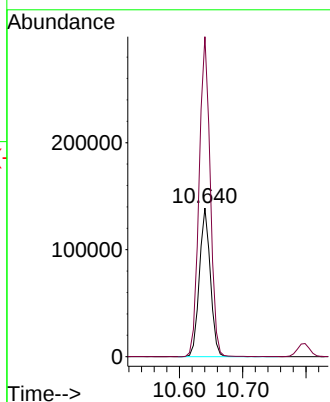
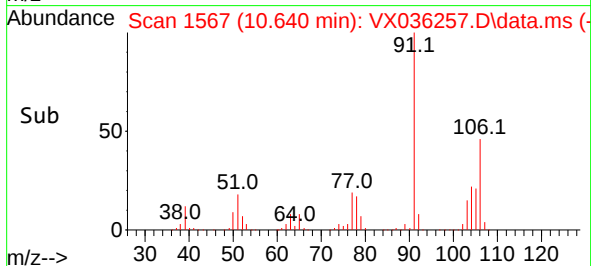
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 167999
Ion Ratio Lower Upper
106 100
91 217.5 108.9 326.8

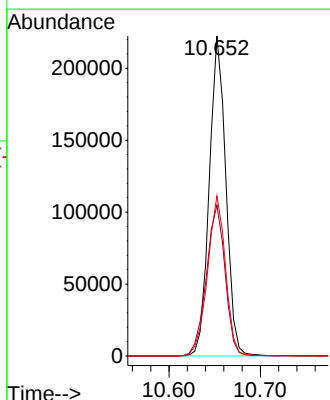
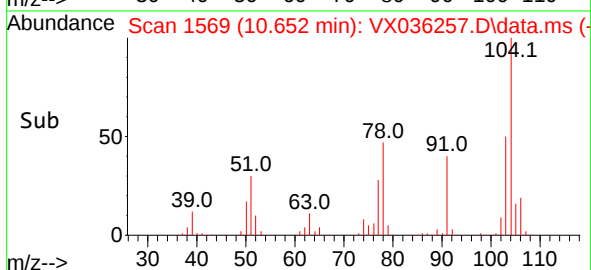
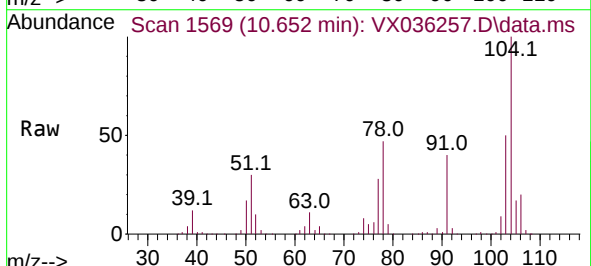
Manual Integrations
APPROVED

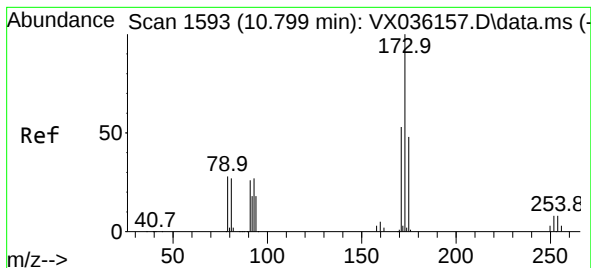
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#70
Styrene
Concen: 53.436 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Tgt Ion:104 Resp: 279650
Ion Ratio Lower Upper
104 100
78 53.4 43.6 65.4
103 54.4 43.6 65.4





#71

Bromoform

Concen: 54.106 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 6073

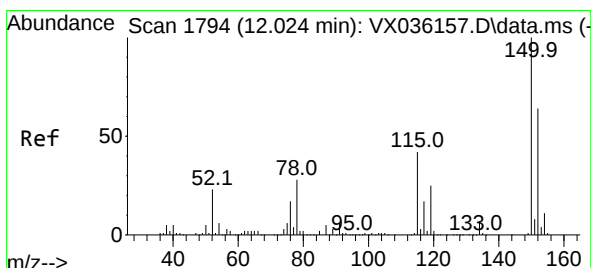
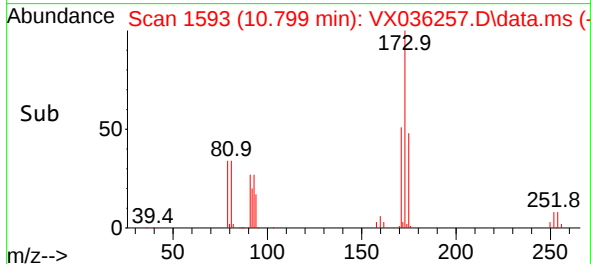
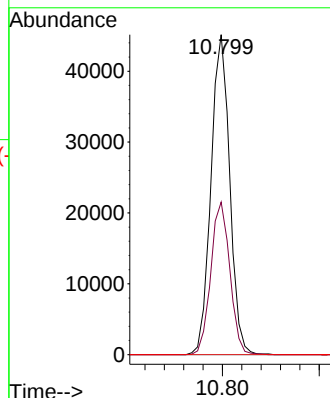
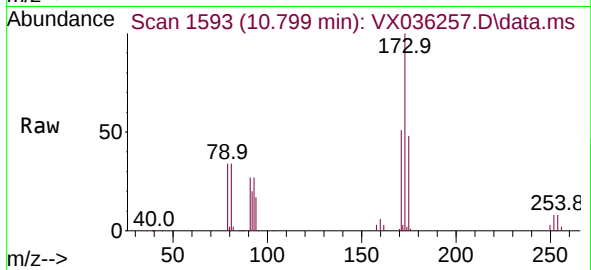
Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

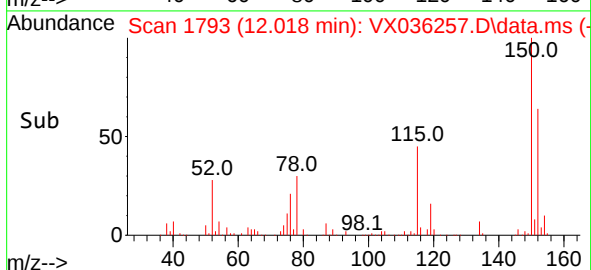
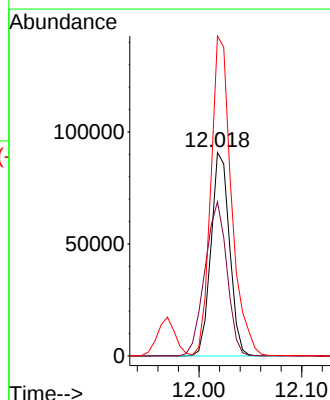
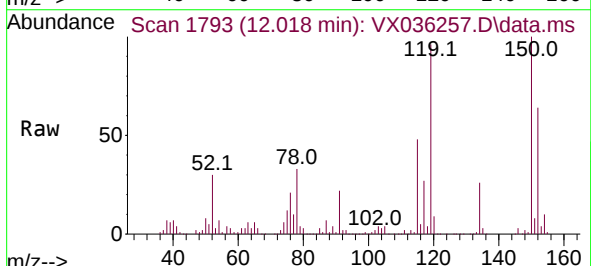
Delta R.T. -0.006 min

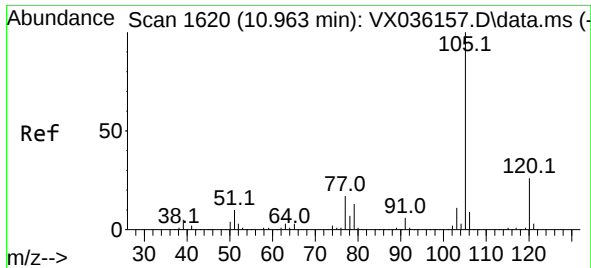
Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

Tgt Ion:152 Resp: 113534

Ion	Ratio	Lower	Upper
152	100		
115	90.4	43.3	129.9
150	174.4	0.0	345.0





#73
Isopropylbenzene
Concen: 53.621 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

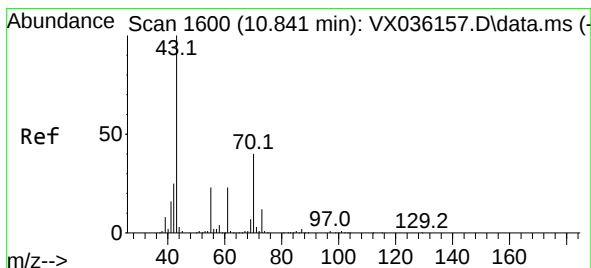
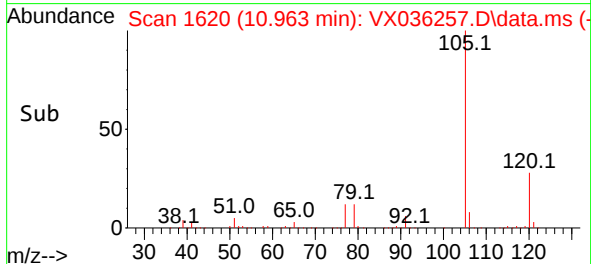
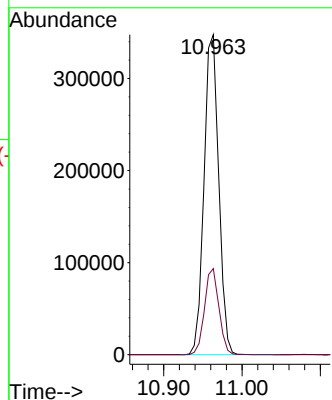
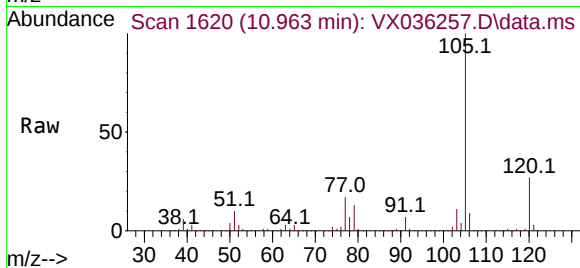
VSTDCCC050

Tgt Ion:105 Resp: 451720
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6

Manual Integrations

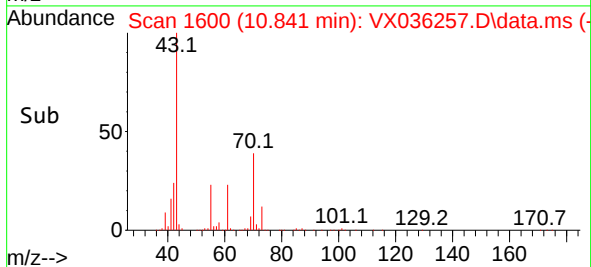
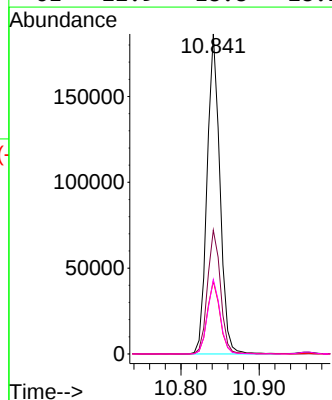
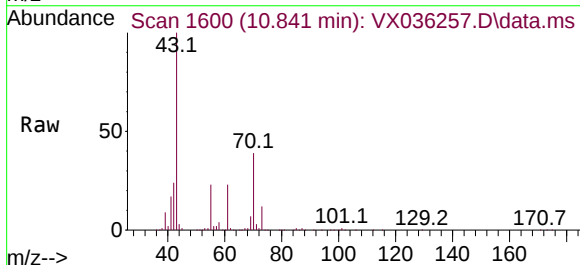
APPROVED

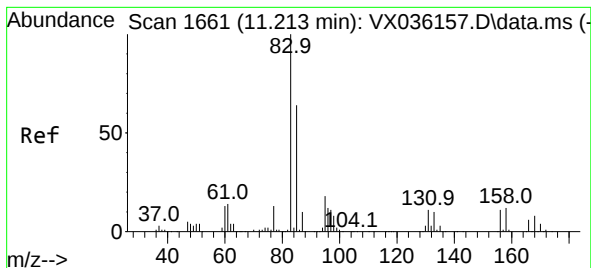
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#74
N-ethyl acetate
Concen: 55.474 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Tgt Ion: 43 Resp: 211185
Ion Ratio Lower Upper
43 100
70 39.2 32.9 49.3
55 22.8 19.3 28.9
61 22.9 18.8 28.2





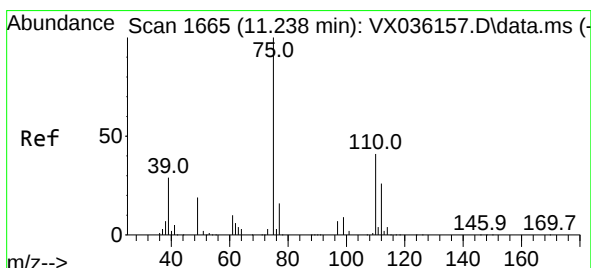
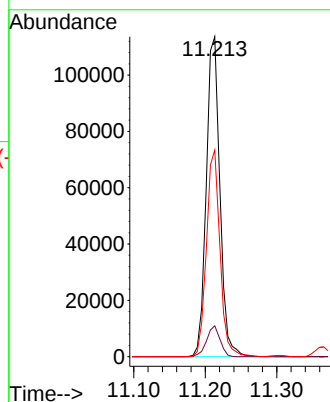
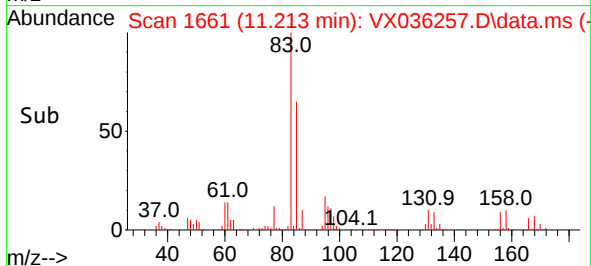
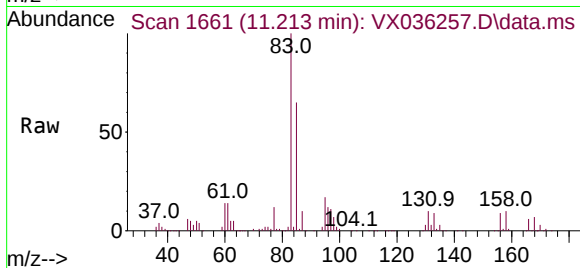
#75
1,1,2,2-Tetrachloroethane
Concen: 52.102 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 150293
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 64.3 32.0 96.2

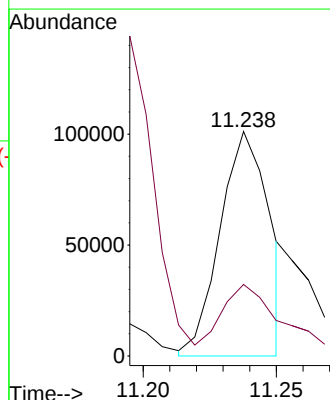
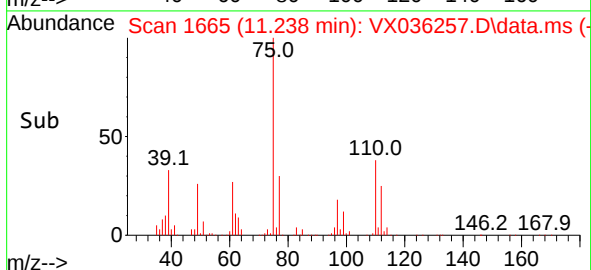
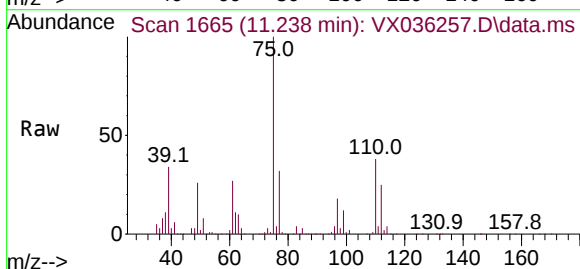
Manual Integrations
APPROVED

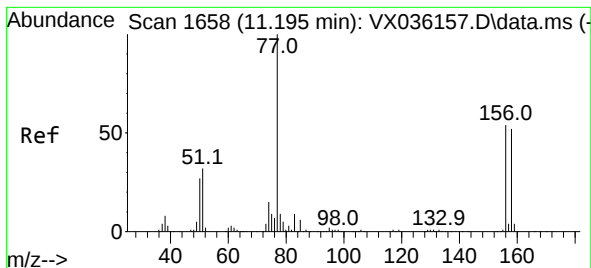
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#76
1,2,3-Trichloropropane
Concen: 48.201 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Tgt Ion: 75 Resp: 129877
Ion Ratio Lower Upper
75 100
77 40.0 19.1 57.5





#77

Bromobenzene

Concen: 52.165 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 102962

Ion Ratio Lower Upper

156 100

77 177.5 88.4 265.3

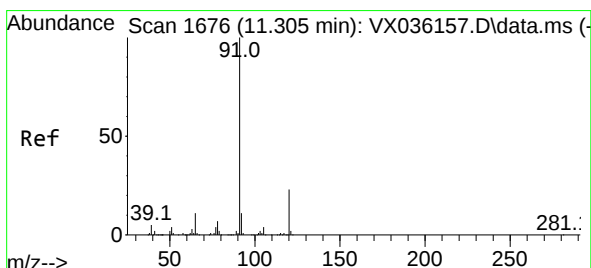
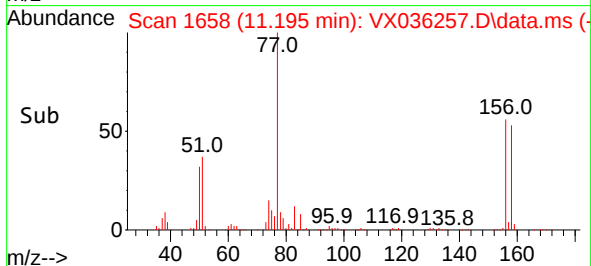
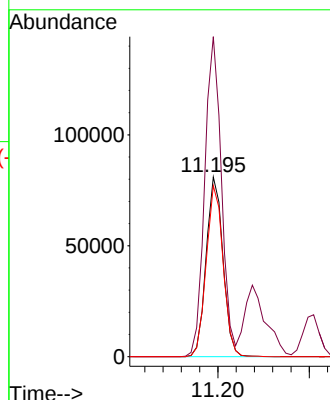
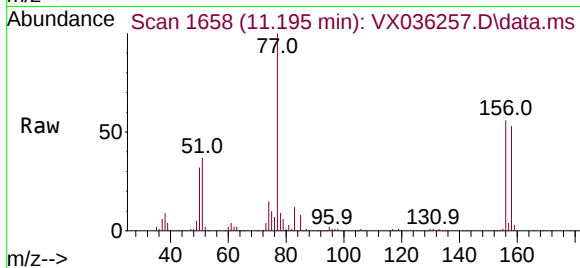
158 95.7 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#78

n-propylbenzene

Concen: 56.078 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX036257.D

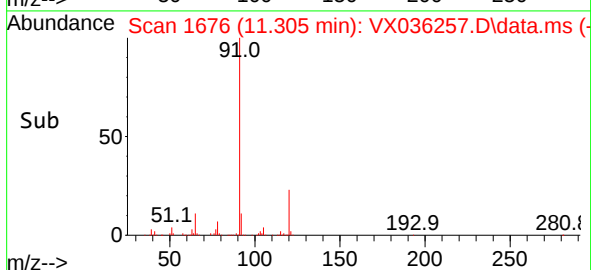
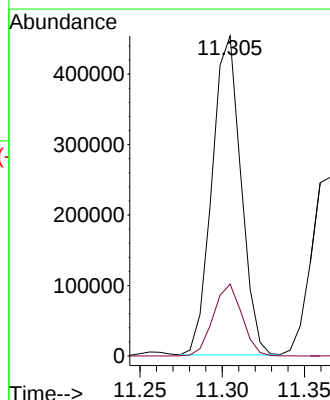
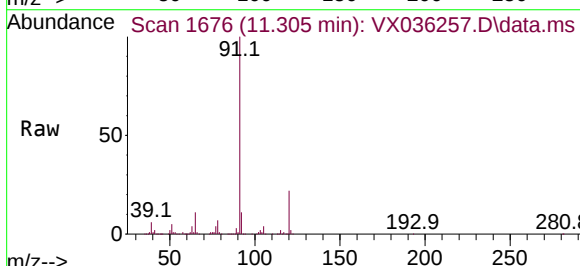
Acq: 21 Jun 2023 09:42

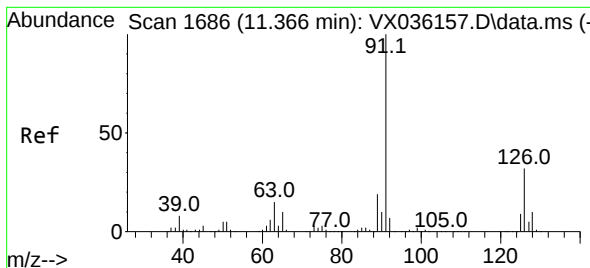
Tgt Ion: 91 Resp: 555758

Ion Ratio Lower Upper

91 100

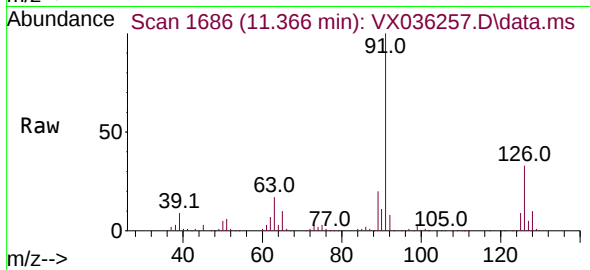
120 22.3 11.5 34.4





#79
2-Chlorotoluene
Concen: 51.505 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

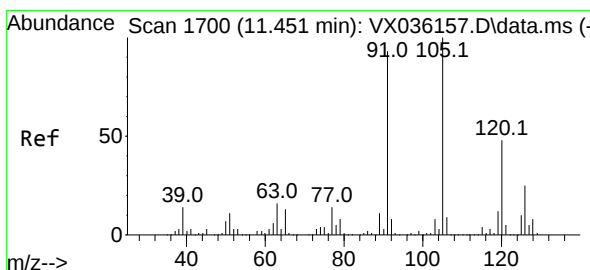
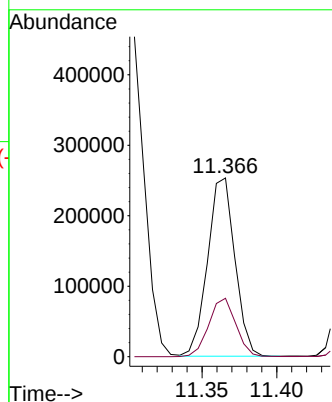
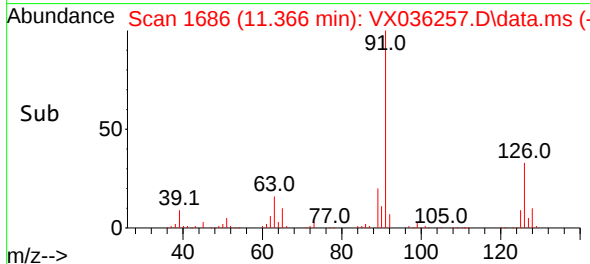
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



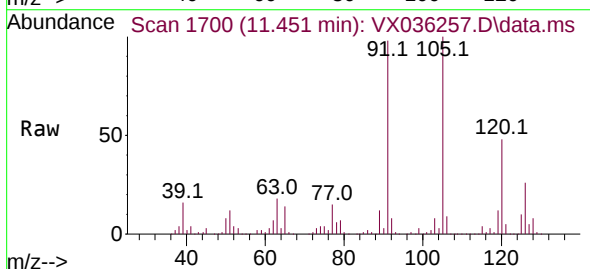
Tgt Ion: 91 Resp: 321056
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

Manual Integrations
APPROVED

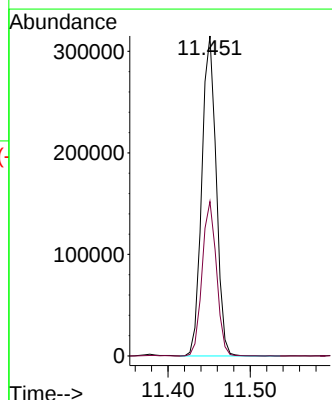
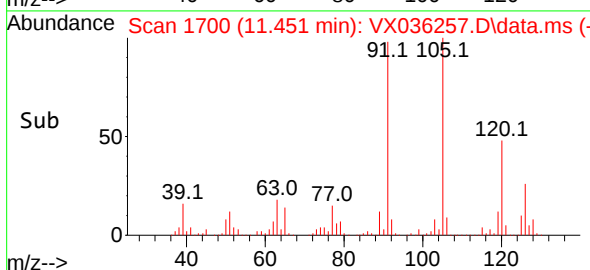
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

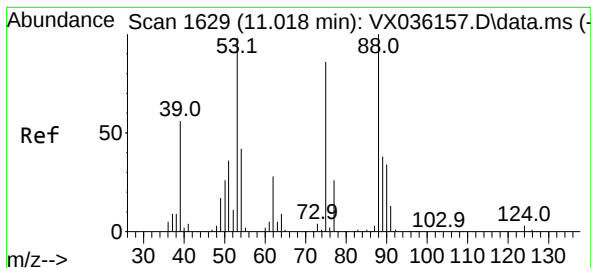


#80
1,3,5-Trimethylbenzene
Concen: 53.419 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42



Tgt Ion:105 Resp: 383206
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





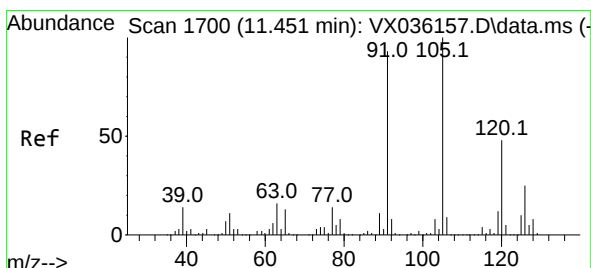
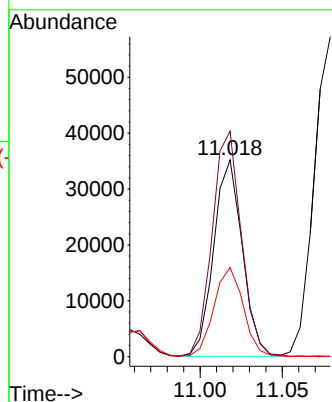
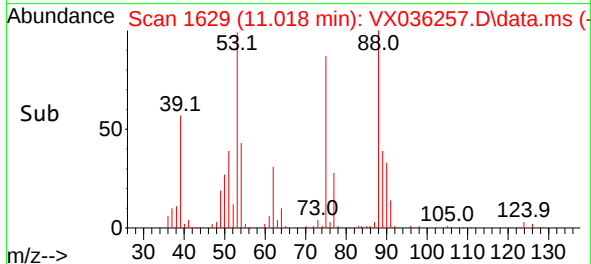
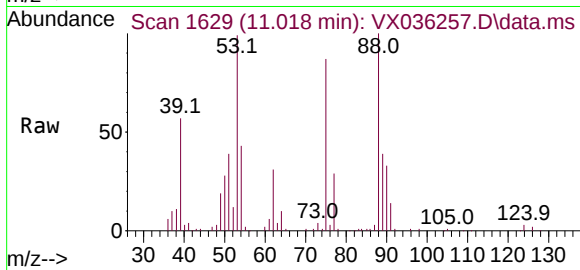
#81
trans-1,4-Dichloro-2-butene
Concen: 55.175 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 42474
Ion Ratio Lower Upper
75 100
53 117.5 90.5 135.7
89 46.8 36.9 55.3

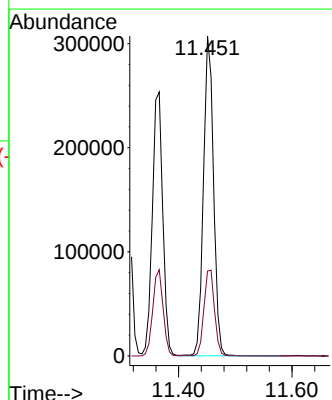
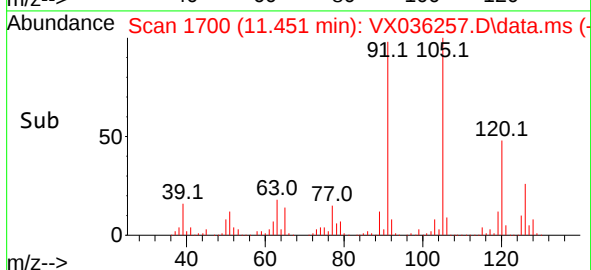
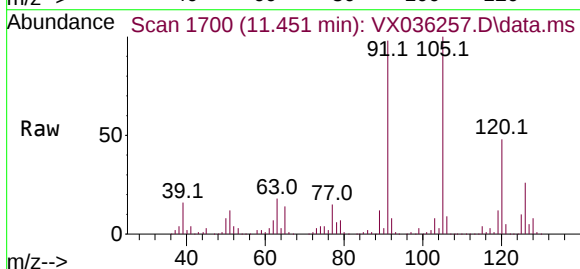
Manual Integrations
APPROVED

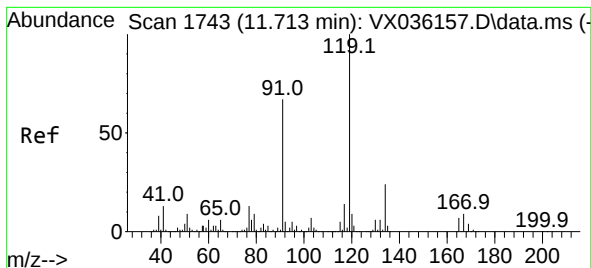
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#82
4-Chlorotoluene
Concen: 51.934 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

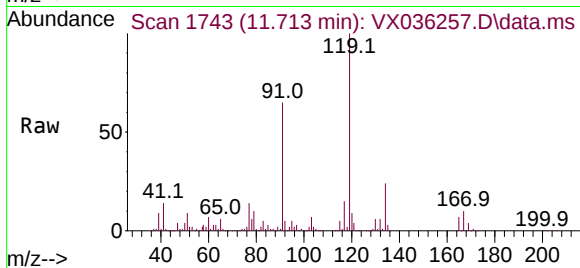
Tgt Ion: 91 Resp: 377191
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 53.874 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

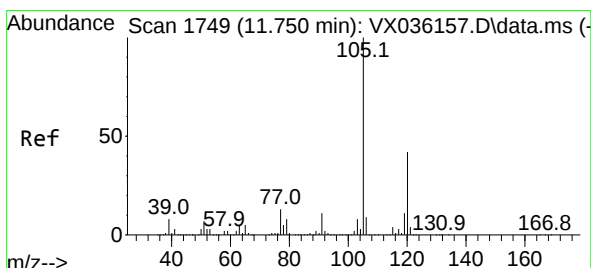
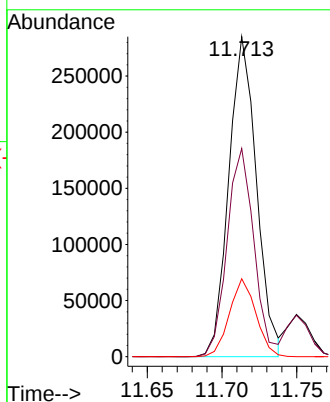
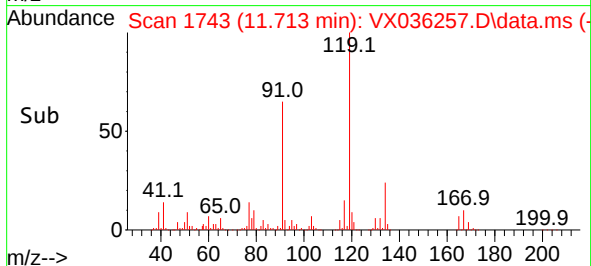
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



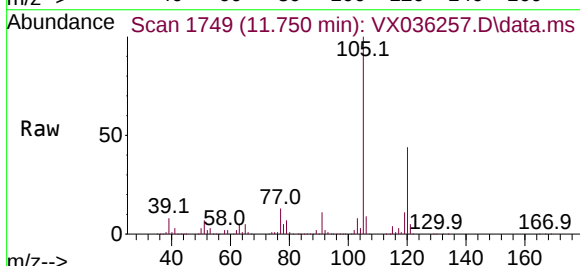
Tgt Ion:119 Resp: 367404
Ion Ratio Lower Upper
119 100
91 63.2 31.2 93.6
134 23.3 11.7 35.0

Manual Integrations
APPROVED

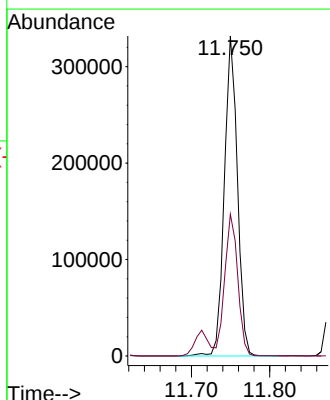
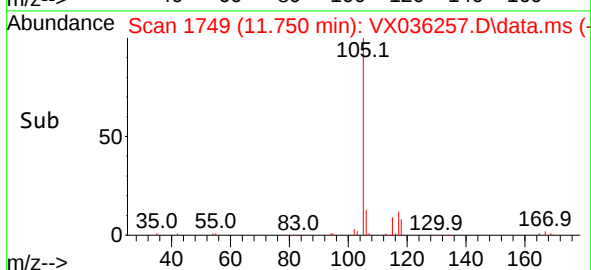
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

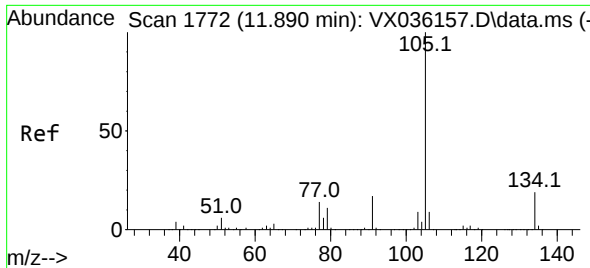


#84
1,2,4-Trimethylbenzene
Concen: 53.972 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42



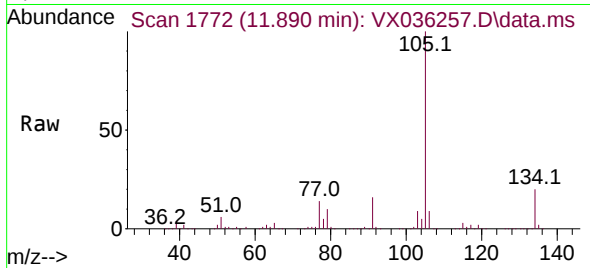
Tgt Ion:105 Resp: 386183
Ion Ratio Lower Upper
105 100
120 43.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 56.519 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036257.D
 Acq: 21 Jun 2023 09:42

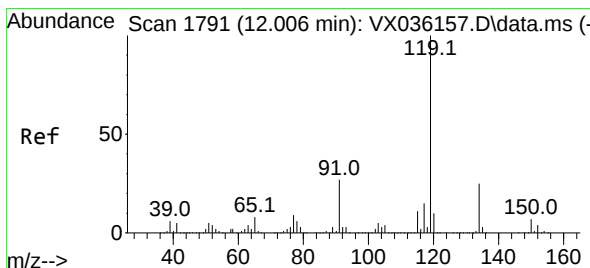
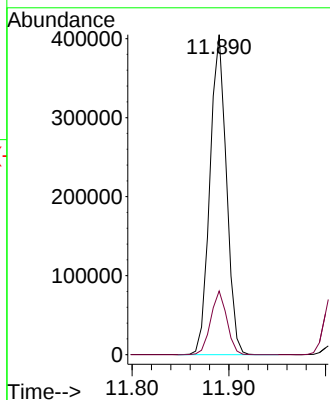
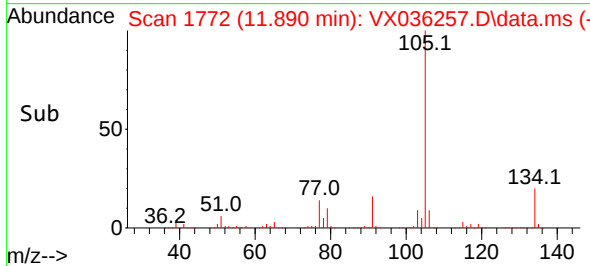
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



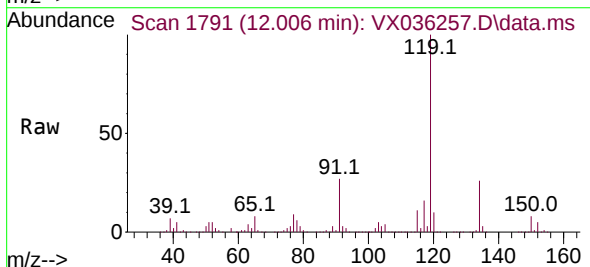
Tgt Ion:105 Resp: 479932
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations
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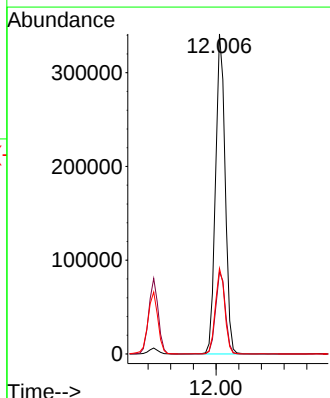
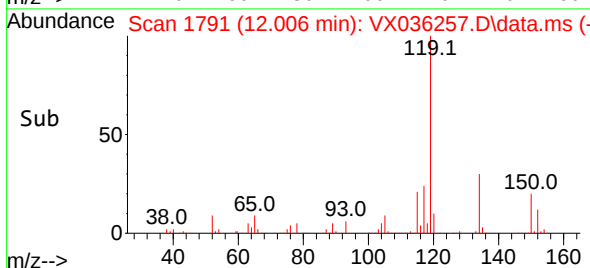
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

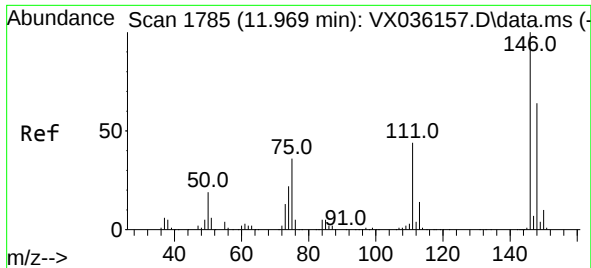


#86
 p-Isopropyltoluene
 Concen: 56.226 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036257.D
 Acq: 21 Jun 2023 09:42



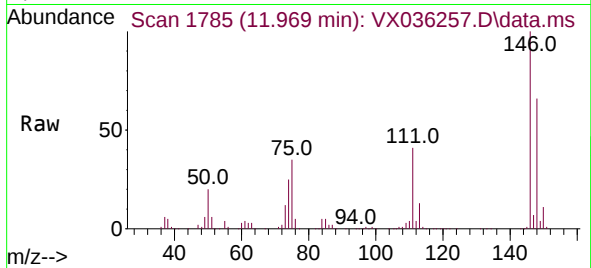
Tgt Ion:119 Resp: 401694
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 26.3 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 53.048 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

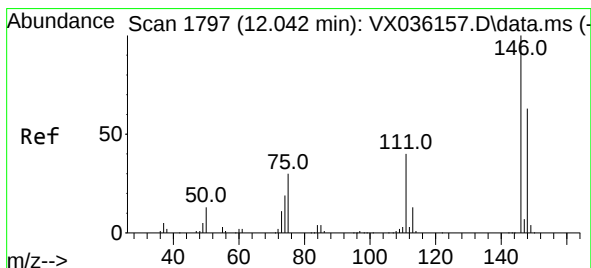
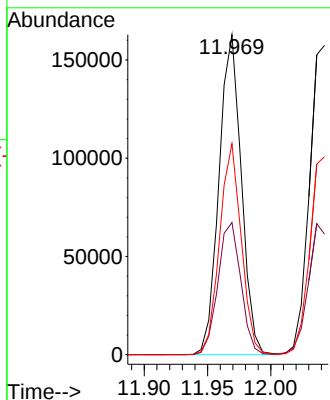
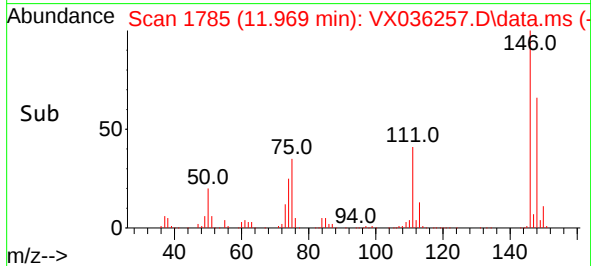
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



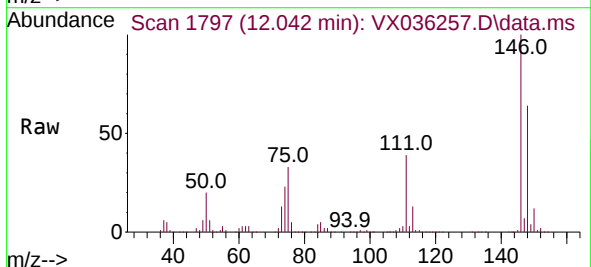
Tgt Ion:146 Resp: 199680
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.1
148 64.0 31.8 95.3

Manual Integrations
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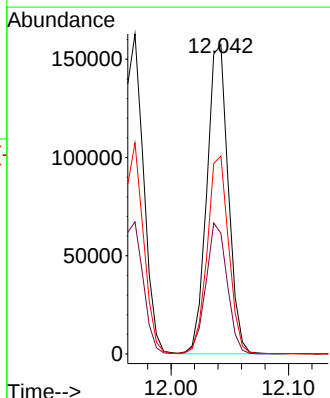
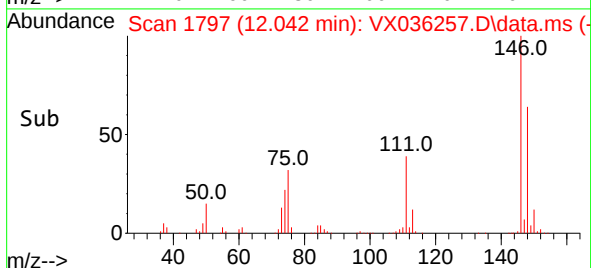
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

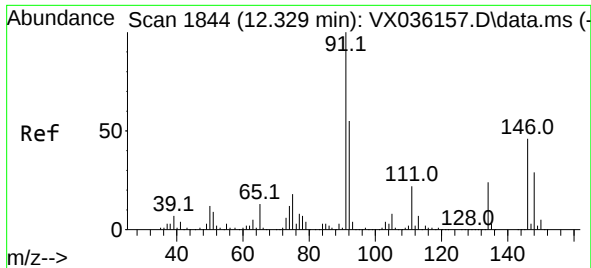


#88
1,4-Dichlorobenzene
Concen: 51.707 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42



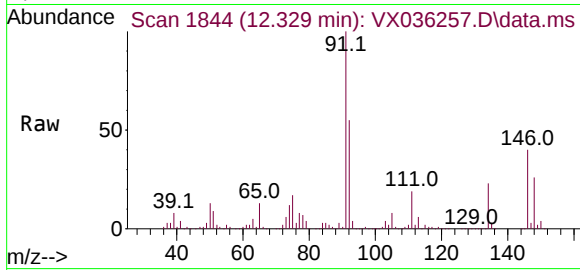
Tgt Ion:146 Resp: 199363
Ion Ratio Lower Upper
146 100
111 42.2 21.3 63.7
148 64.1 31.8 95.4





#89
n-Butylbenzene
Concen: 59.434 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

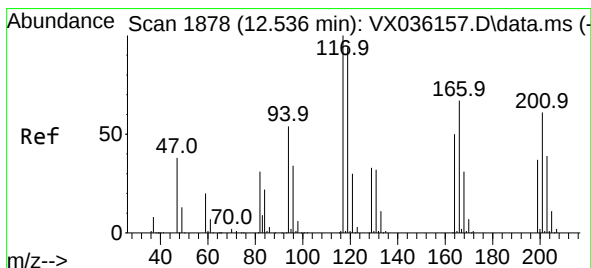
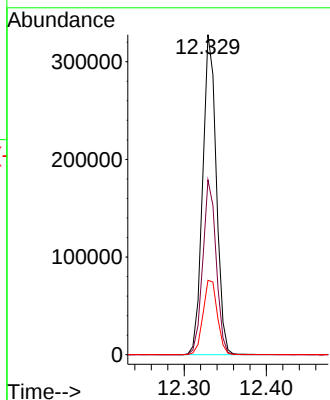
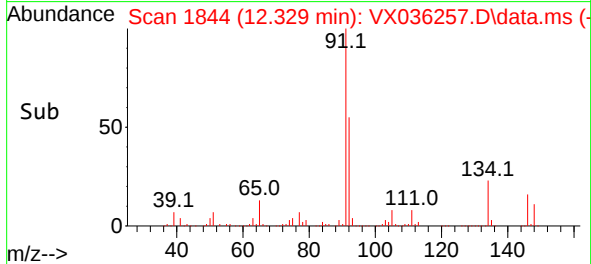
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 37894
Ion Ratio Lower Upper
91 100
92 53.6 27.4 82.0
134 24.4 12.6 37.8

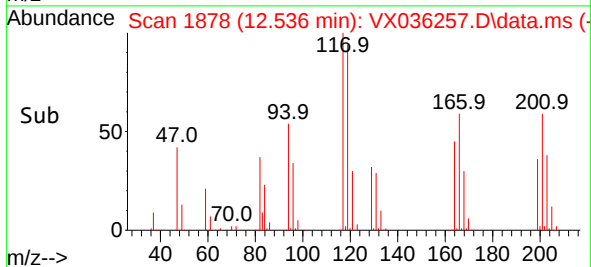
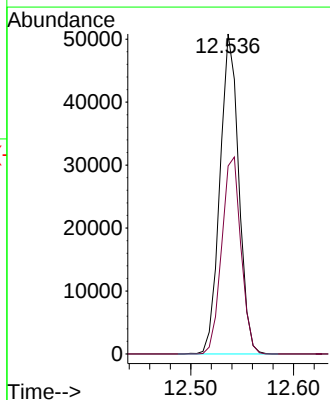
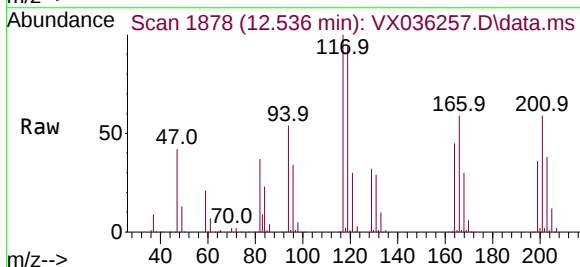
Manual Integrations
APPROVED

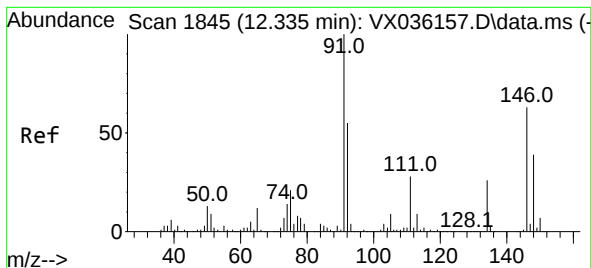
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#90
Hexachloroethane
Concen: 57.470 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

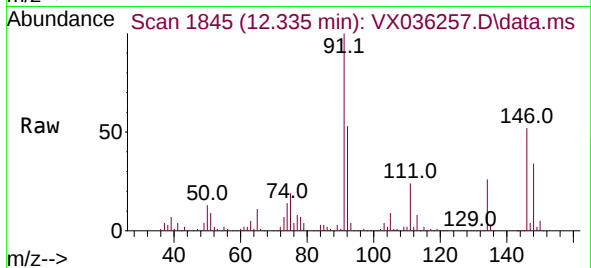
Tgt Ion:117 Resp: 64404
Ion Ratio Lower Upper
117 100
201 63.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.795 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

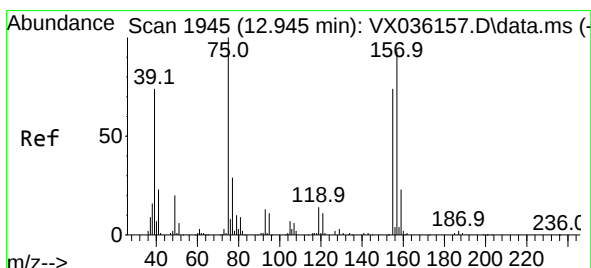
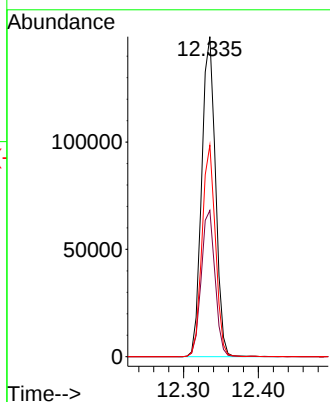
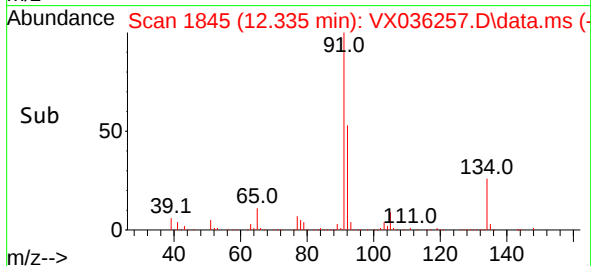
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



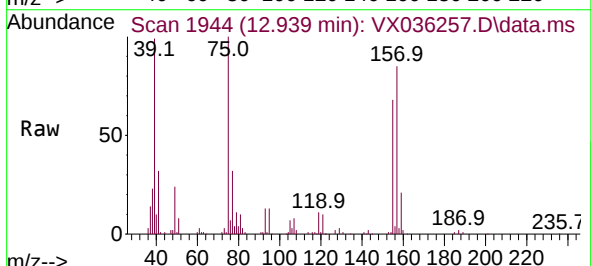
Tgt Ion:146 Resp: 191348
Ion Ratio Lower Upper
146 100
111 45.5 22.4 67.0
148 64.1 31.6 95.0

Manual Integrations
APPROVED

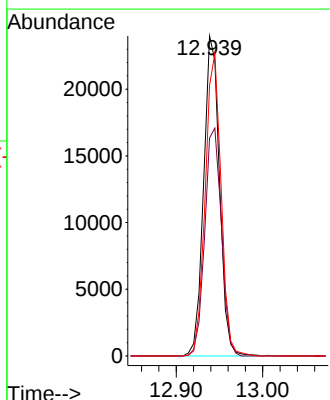
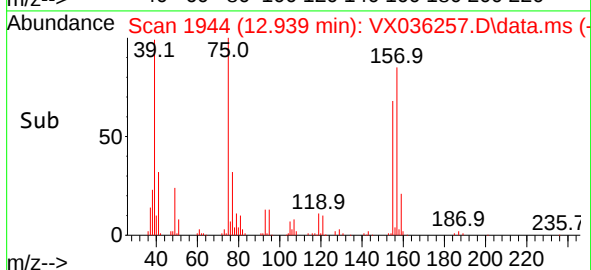
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

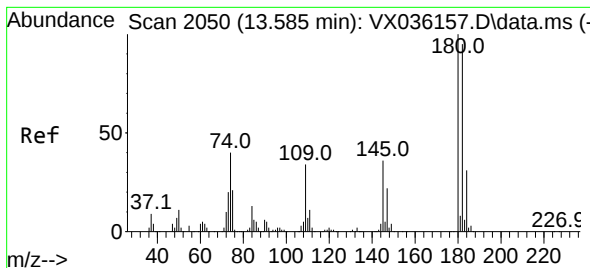


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.885 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42



Tgt Ion: 75 Resp: 30467
Ion Ratio Lower Upper
75 100
155 74.7 36.1 108.5
157 94.4 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 55.109 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

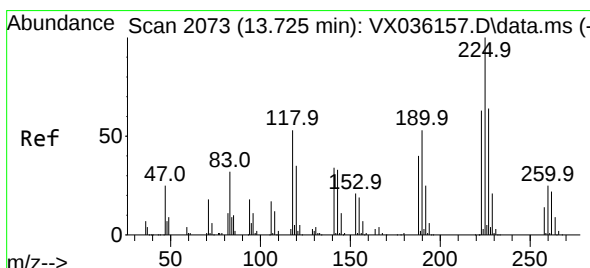
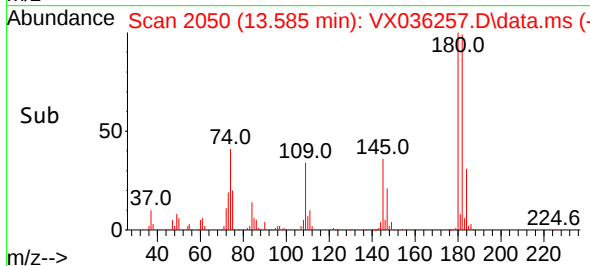
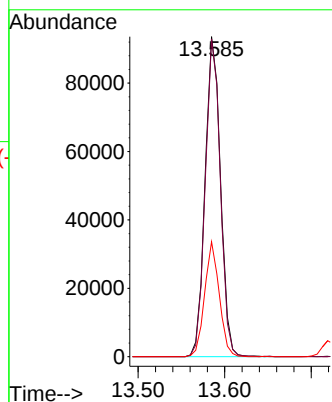
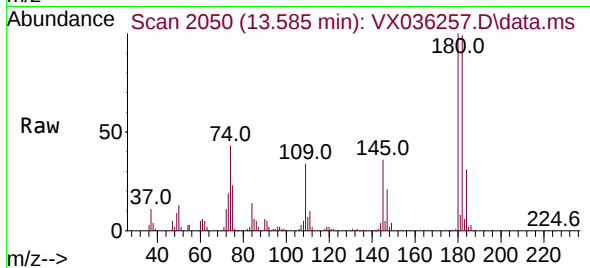
Tgt Ion:180	Resp:	11540
Ion Ratio	Lower	Upper
180	100	
182	97.1	48.3 144.8
145	34.2	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#94

Hexachlorobutadiene

Concen: 55.073 ug/l

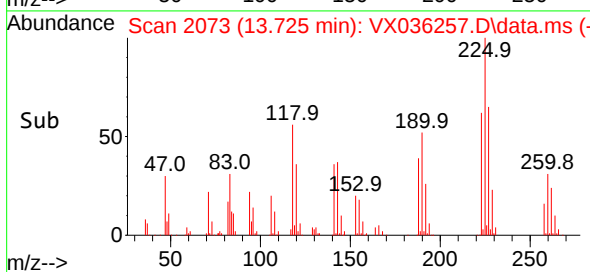
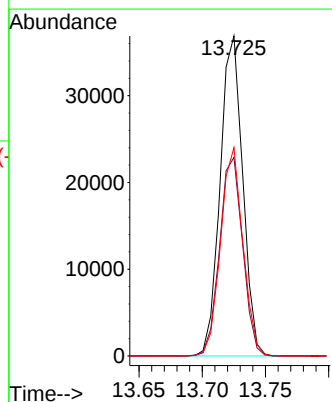
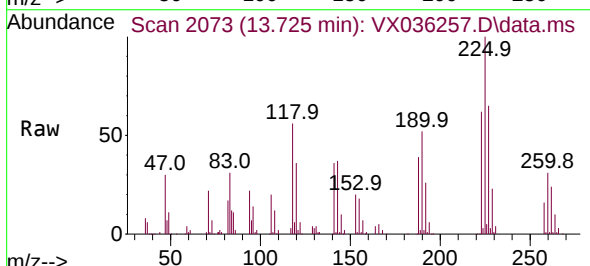
RT: 13.725 min Scan# 2073

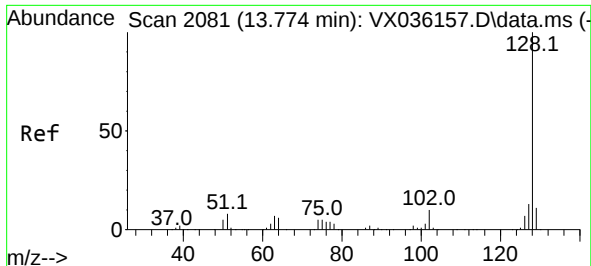
Delta R.T. 0.000 min

Lab File: VX036257.D

Acq: 21 Jun 2023 09:42

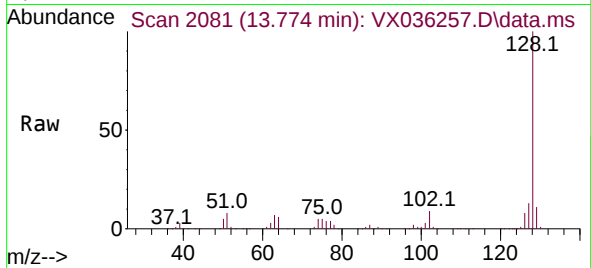
Tgt Ion:225	Resp:	45593
Ion Ratio	Lower	Upper
225	100	
223	63.5	31.1 93.2
227	64.3	32.5 97.5





#95
Naphthalene
Concen: 54.703 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42

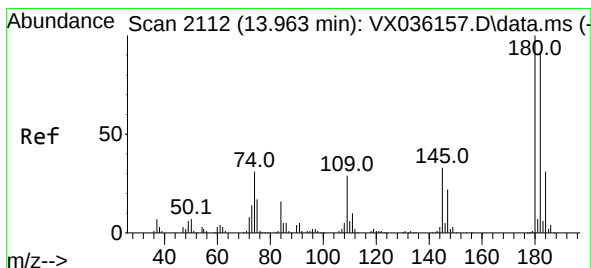
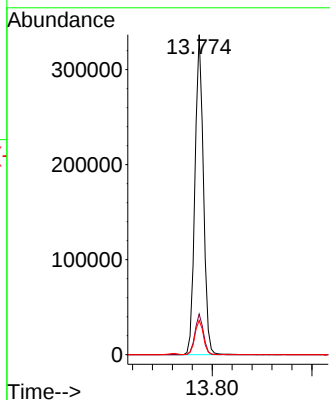
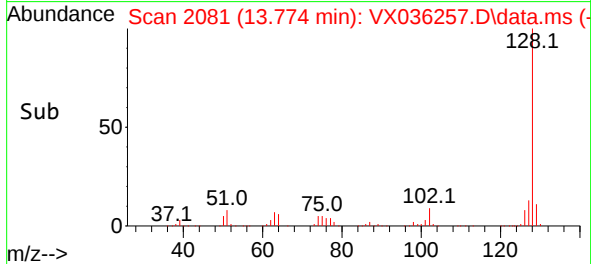
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



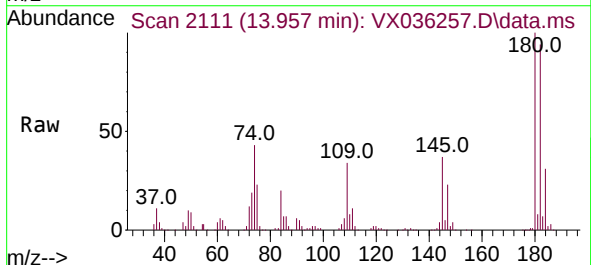
Tgt Ion:128 Resp: 39514
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 54.434 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX036257.D
Acq: 21 Jun 2023 09:42



Tgt Ion:180 Resp: 114313
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.6
145 35.3 17.8 53.5

