

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061323\
 Data File : VX036152.D
 Acq On : 13 Jun 2023 18:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/14/2023
 Supervised By : Mahesh Dadoda 06/14/2023

Quant Time: Jun 14 00:58:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	175361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	310266	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159841	56.132	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.260%			
35) Dibromofluoromethane	5.385	113	109134	52.297	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.600%			
50) Toluene-d8	8.647	98	387766	51.775	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.540%			
62) 4-Bromofluorobenzene	11.079	95	161278	54.550	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	92528	48.293	ug/l	100
3) Chloromethane	1.294	50	91872	41.952	ug/l	99
4) Vinyl Chloride	1.374	62	91373	44.418	ug/l	99
5) Bromomethane	1.617	94	56437	41.655	ug/l	97
6) Chloroethane	1.691	64	60429	49.889	ug/l	97
7) Trichlorofluoromethane	1.886	101	148778	51.398	ug/l	97
8) Diethyl Ether	2.136	74	60070	47.784	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	92553	51.517	ug/l	99
10) Methyl Iodide	2.453	142	92639	43.805	ug/l	97
11) Tert butyl alcohol	3.032	59	123691	244.587	ug/l	99
12) 1,1-Dichloroethene	2.319	96	83454	47.437	ug/l	98
13) Acrolein	2.239	56	120355	247.071	ug/l	100
14) Allyl chloride	2.666	41	178598	49.384	ug/l	99
15) Acrylonitrile	3.068	53	314210	264.446	ug/l	100
16) Acetone	2.398	43	283232	241.089	ug/l	99
17) Carbon Disulfide	2.514	76	171638	38.935	ug/l	99
18) Methyl Acetate	2.709	43	260138	56.958	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	366543	53.188	ug/l	98
20) Methylene Chloride	2.788	84	105819	46.761	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	93891	46.687	ug/l	100
22) Diisopropyl ether	3.757	45	376429	53.513	ug/l	96
23) Vinyl Acetate	3.721	43	1377831	278.791	ug/l	99
24) 1,1-Dichloroethane	3.611	63	199175	51.051	ug/l	99
25) 2-Butanone	4.568	43	445044	264.676	ug/l	98
26) 2,2-Dichloropropane	4.477	77	155675	52.348	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	116997	48.472	ug/l	99
28) Bromochloromethane	4.897	49	113087	55.351	ug/l	98
29) Tetrahydrofuran	5.019	42	290709	268.292	ug/l	100
30) Chloroform	5.092	83	213138	53.038	ug/l	96
31) Cyclohexane	5.470	56	150788	50.575	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	184022	54.190	ug/l	99
36) 1,1-Dichloropropene	5.690	75	141220	50.754	ug/l	99
37) Ethyl Acetate	4.714	43	180623	58.289	ug/l	100
38) Carbon Tetrachloride	5.678	117	147926	54.554	ug/l	96
39) Methylcyclohexane	7.379	83	148017	50.985	ug/l	97
40) Benzene	6.037	78	412958	49.451	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	107047	60.895	ug/l	99
42) 1,2-Dichloroethane	6.086	62	191158	57.804	ug/l	99
43) Isopropyl Acetate	6.336	43	294426	57.784	ug/l	100
44) Trichloroethene	7.129	130	103520	47.786	ug/l	97
45) 1,2-Dichloropropane	7.427	63	113659	51.711	ug/l	100
46) Dibromomethane	7.580	93	81018	53.063	ug/l	99
47) Bromodichloromethane	7.824	83	160655	55.937	ug/l	99
48) Methyl methacrylate	7.690	41	150251	60.131	ug/l	99
49) 1,4-Dioxane	7.732	88	51634	902.269	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	941487	302.712	ug/l	99
52) Toluene	8.720	92	267647	50.979	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	170575	56.183	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	181107	54.019	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	116096	53.075	ug/l	98
56) Ethyl methacrylate	9.116	69	184761	56.497	ug/l	98
57) 1,3-Dichloropropane	9.305	76	203775	54.132	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	479781	279.990	ug/l	100
59) 2-Hexanone	9.433	43	687074	298.808	ug/l	99
60) Dibromochloromethane	9.518	129	116236	54.739	ug/l	100
61) 1,2-Dibromoethane	9.610	107	121212	54.204	ug/l	100
64) Tetrachloroethene	9.275	164	83705	45.918	ug/l	99
65) Chlorobenzene	10.079	112	285429	48.764	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	108352	52.632	ug/l	99
67) Ethyl Benzene	10.195	91	531665	51.036	ug/l	98
68) m/p-Xylenes	10.299	106	396972	100.446	ug/l	100
69) o-Xylene	10.640	106	199158	50.148	ug/l	98
70) Styrene	10.652	104	338177	52.700	ug/l	99
71) Bromoform	10.799	173	74909	52.540	ug/l #	99
73) Isopropylbenzene	10.963	105	521871	51.173	ug/l	98
74) N-amyl acetate	10.841	43	252642	56.836	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	180735	51.809	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	157796m	49.853	ug/l	
77) Bromobenzene	11.195	156	119282	47.298	ug/l	97
78) n-propylbenzene	11.305	91	613282	53.281	ug/l	100
79) 2-Chlorotoluene	11.366	91	379981	50.690	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	452312	52.606	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	49729	52.920	ug/l	98
82) 4-Chlorotoluene	11.451	91	442820	51.468	ug/l	99
83) tert-Butylbenzene	11.713	119	424736	51.707	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	450067	51.005	ug/l	100
85) sec-Butylbenzene	11.890	105	523736	53.753	ug/l	99
86) p-Isopropyltoluene	12.006	119	440916	52.930	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	223265	48.329	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	226851	46.614	ug/l	99
89) n-Butylbenzene	12.329	91	386248	54.884	ug/l	99
90) Hexachloroethane	12.536	117	69858	52.884	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	218363	47.483	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	41273	57.329	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	126420	47.238	ug/l	99
94) Hexachlorobutadiene	13.725	225	48595	47.733	ug/l	98
95) Naphthalene	13.774	128	476424	51.147	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	126510	47.922	ug/l	97

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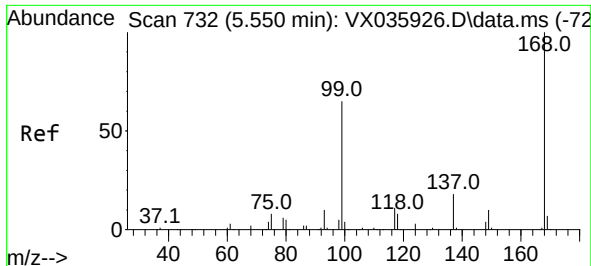
Manual Integrations
APPROVED

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Response via : Initial Calibration

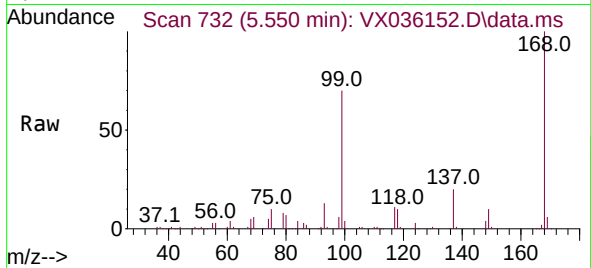
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
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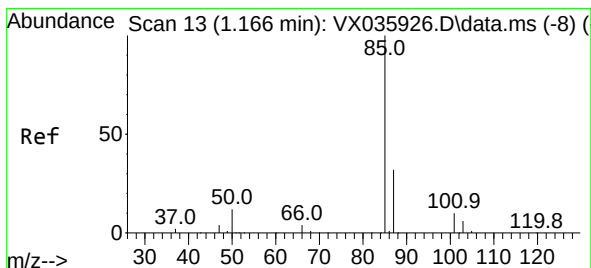
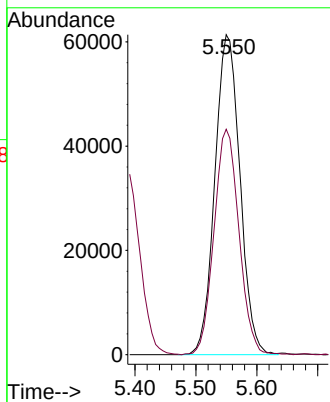
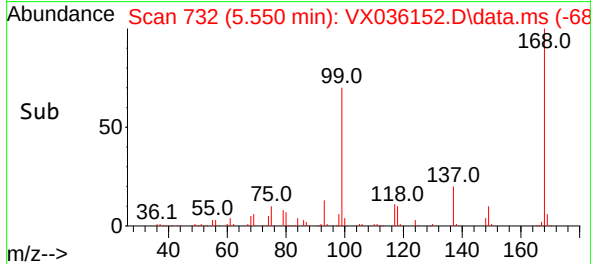
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 17536
Ion Ratio Lower Upper
168 100
99 70.3 57.0 85.6

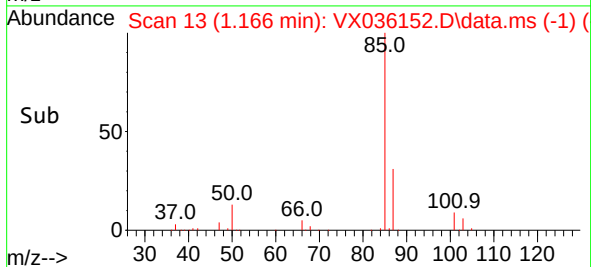
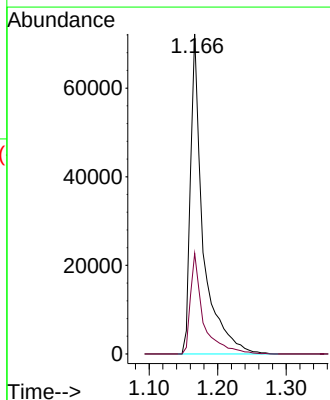
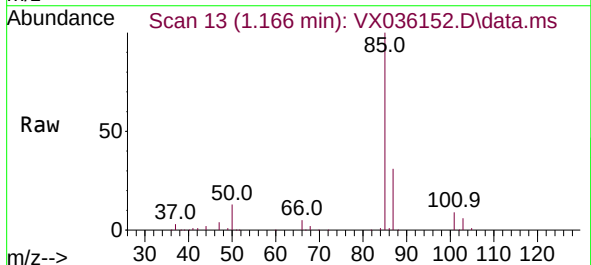
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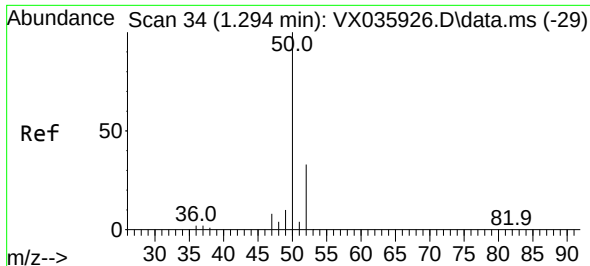
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#2
Dichlorodifluoromethane
Concen: 48.293 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

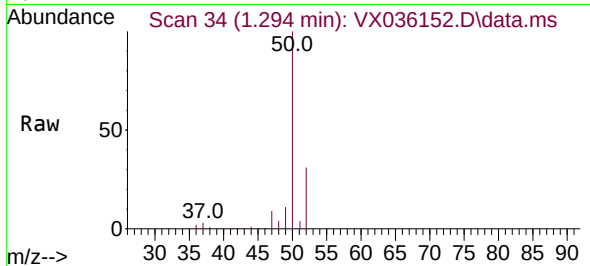
Tgt Ion: 85 Resp: 92528
Ion Ratio Lower Upper
85 100
87 31.5 15.8 47.4





#3
Chloromethane
Concen: 41.952 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

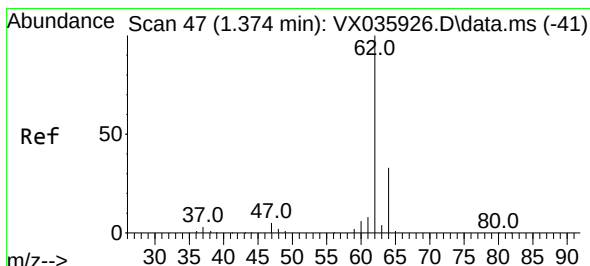
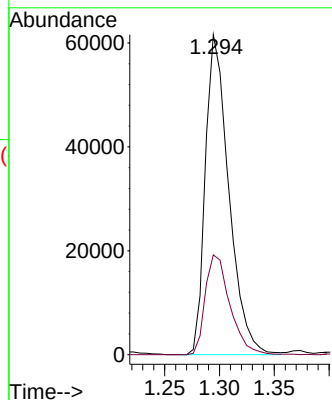
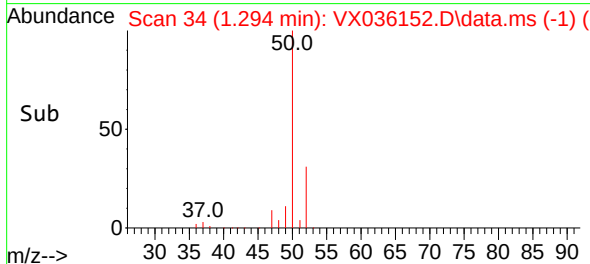
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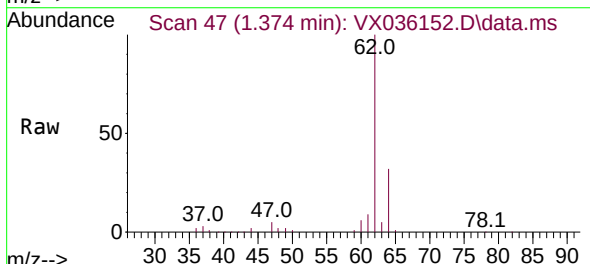
Tgt Ion: 50 Resp: 91872
Ion Ratio Lower Upper
50 100
52 31.2 25.4 38.2

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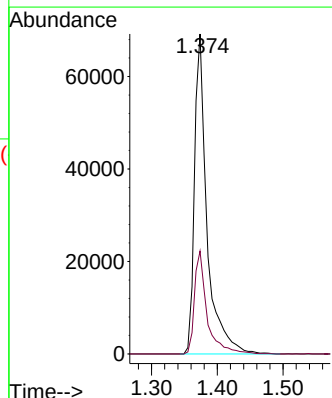
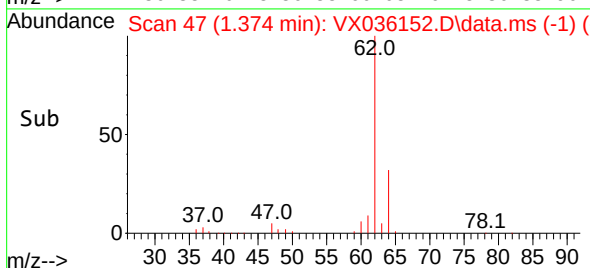
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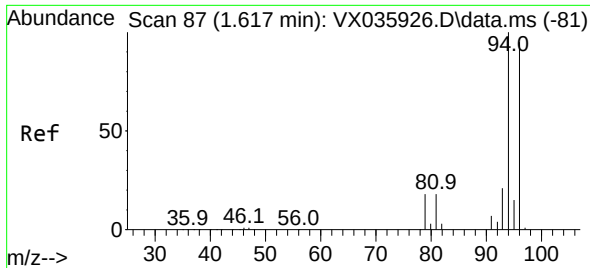


#4
Vinyl Chloride
Concen: 44.418 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23



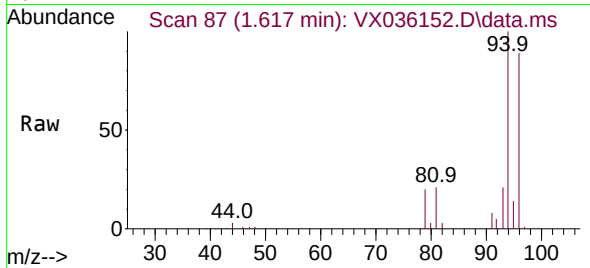
Tgt Ion: 62 Resp: 91373
Ion Ratio Lower Upper
62 100
64 32.1 25.2 37.8





#5
Bromomethane
Concen: 41.655 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

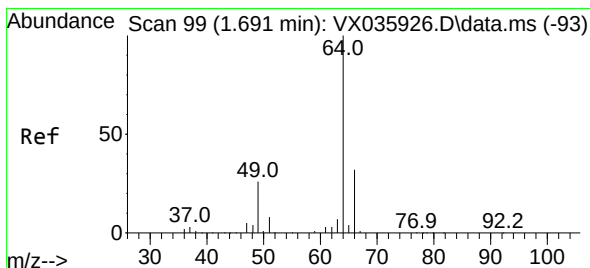
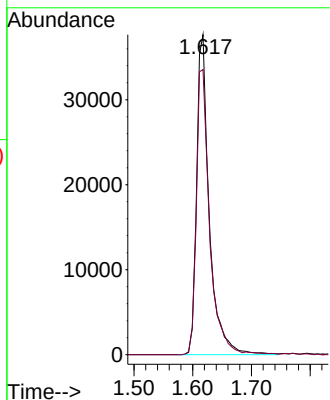
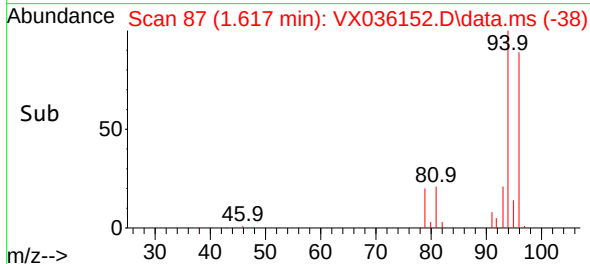
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Tgt Ion: 94 Resp: 5643
Ion Ratio Lower Upper
94 100
96 89.1 73.5 110.3

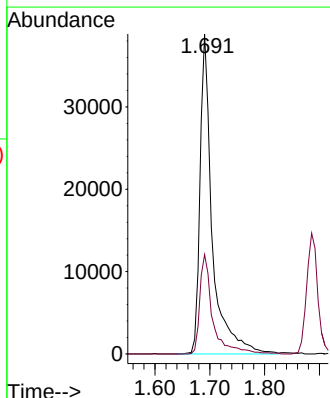
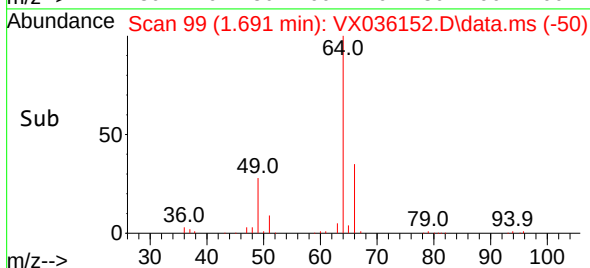
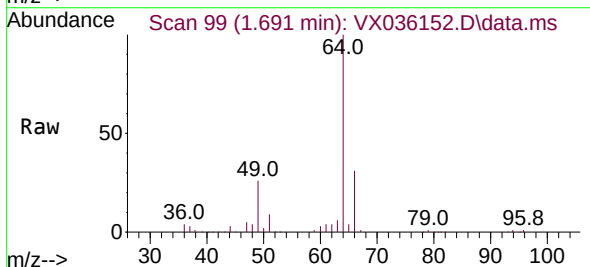
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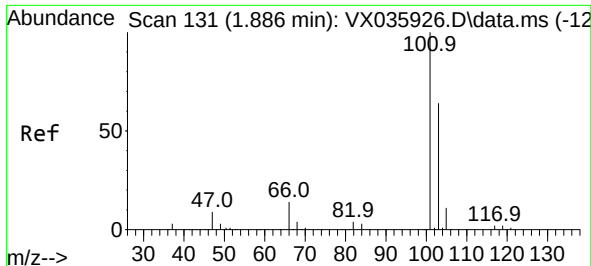
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#6
Chloroethane
Concen: 49.889 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

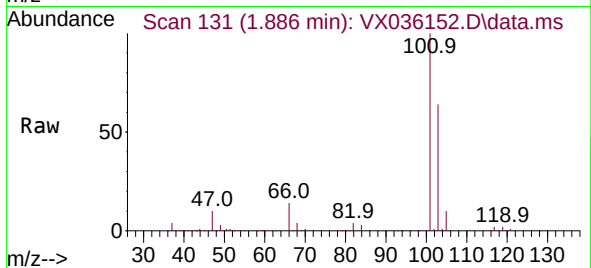
Tgt Ion: 64 Resp: 60429
Ion Ratio Lower Upper
64 100
66 31.0 26.0 39.0





#7
Trichlorofluoromethane
Concen: 51.398 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

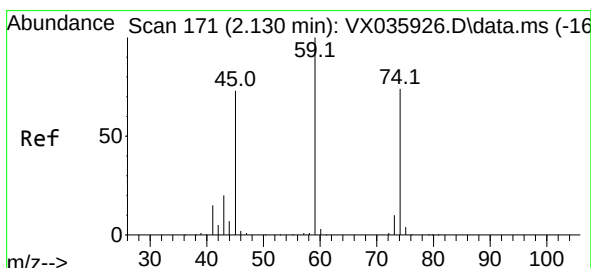
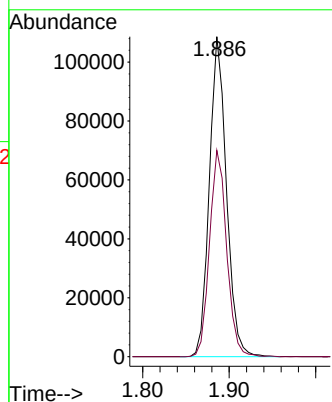
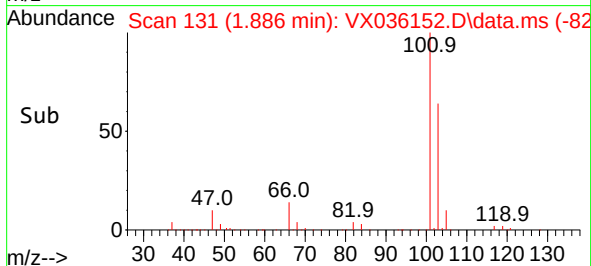
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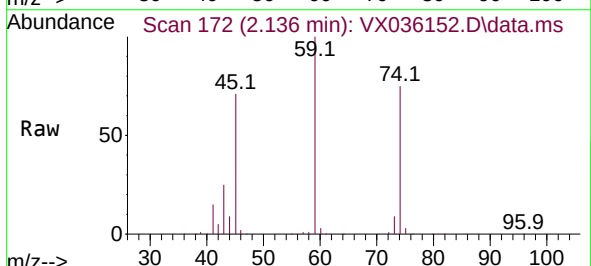
Tgt Ion:101 Resp: 148778
Ion Ratio Lower Upper
101 100
103 64.5 53.2 79.8

Manual Integrations
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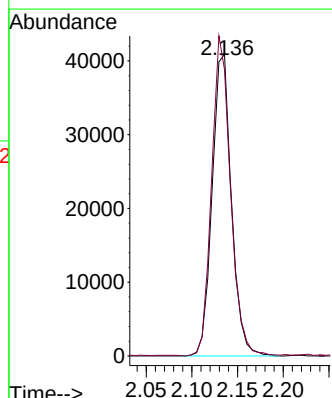
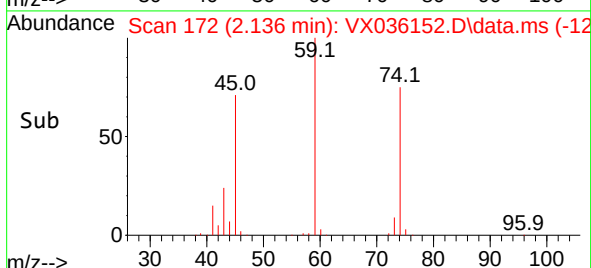
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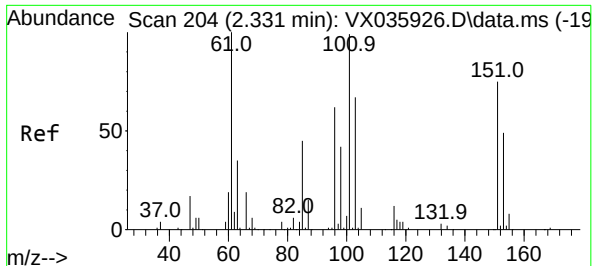


#8
Diethyl Ether
Concen: 47.784 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.007 min
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Tgt Ion: 74 Resp: 60070
Ion Ratio Lower Upper
74 100
45 103.8 50.6 151.9





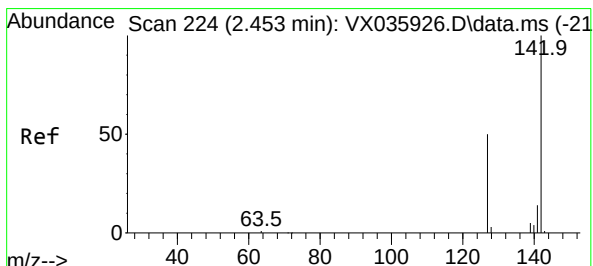
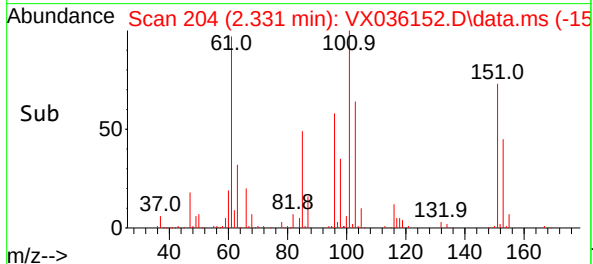
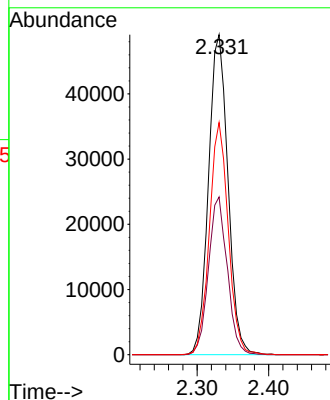
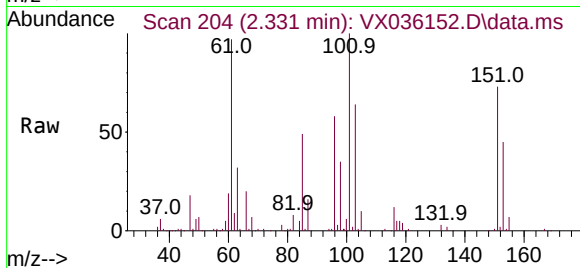
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.517 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX036152.D
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MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9255
Ion Ratio Lower Upper
101 100
85 47.8 37.3 55.9
151 70.5 57.0 85.6

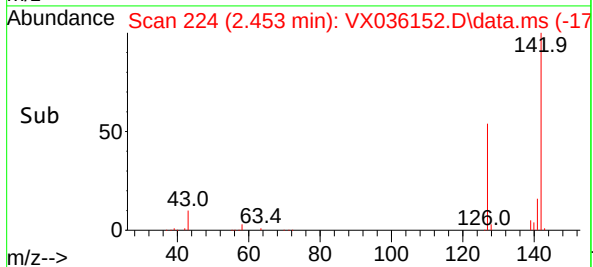
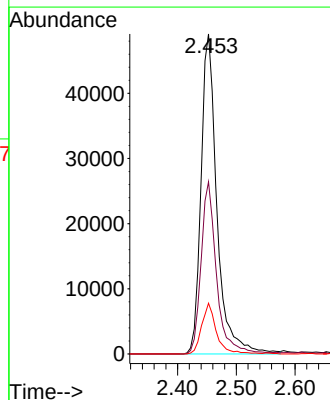
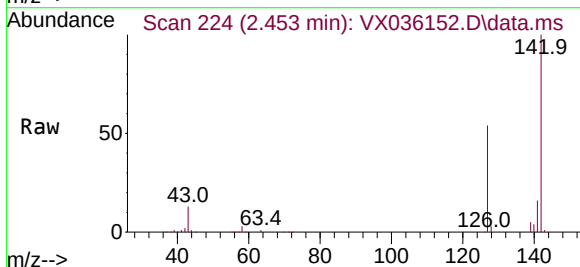
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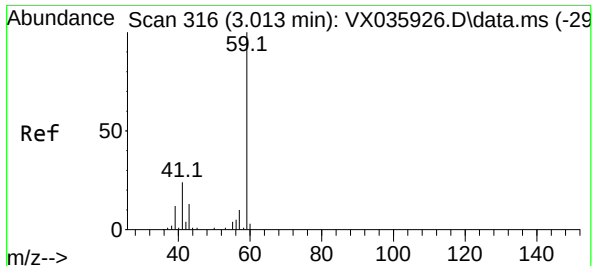
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#10
Methyl Iodide
Concen: 43.805 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Tgt Ion:142 Resp: 92639
Ion Ratio Lower Upper
142 100
127 52.8 40.3 60.5
141 14.6 11.4 17.0





#11

Tert butyl alcohol

Concen: 244.587 ug/l

RT: 3.032 min Scan# 316

Delta R.T. 0.025 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 12369

Ion Ratio Lower Upper

59 100

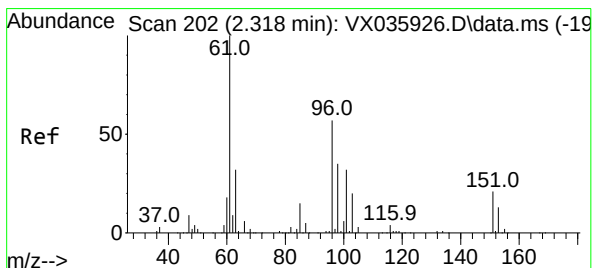
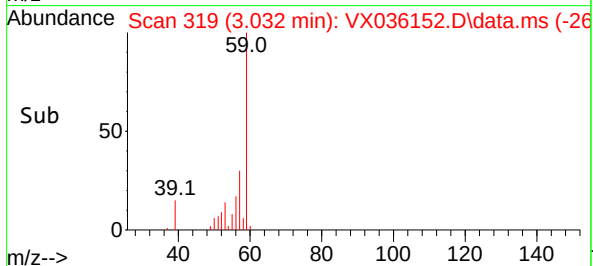
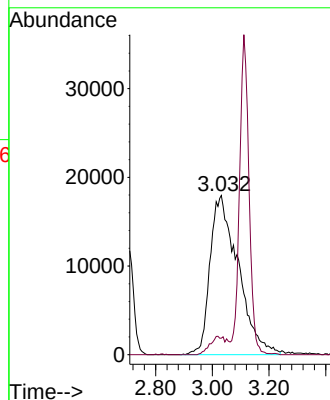
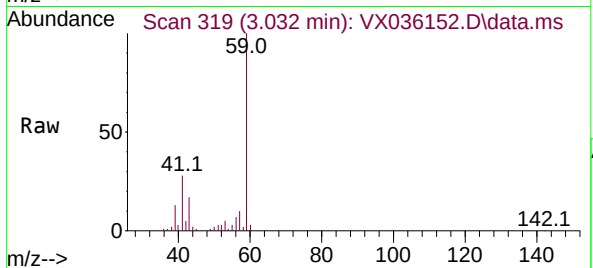
57 7.1 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#12

1,1-Dichloroethene

Concen: 47.437 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

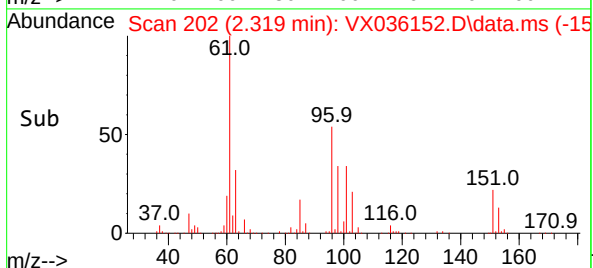
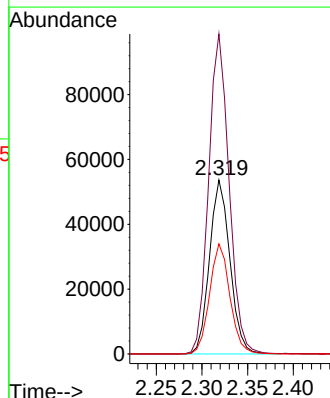
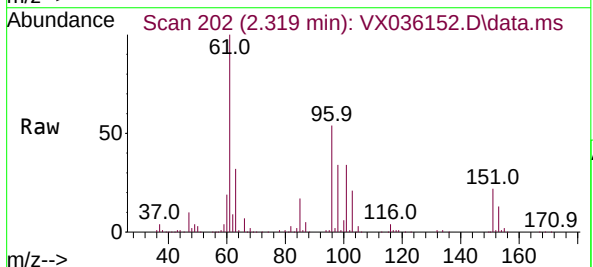
Tgt Ion: 96 Resp: 83454

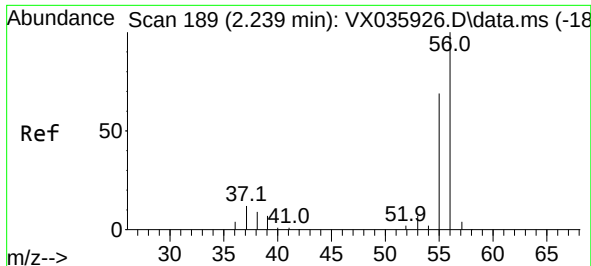
Ion Ratio Lower Upper

96 100

61 183.9 145.2 217.8

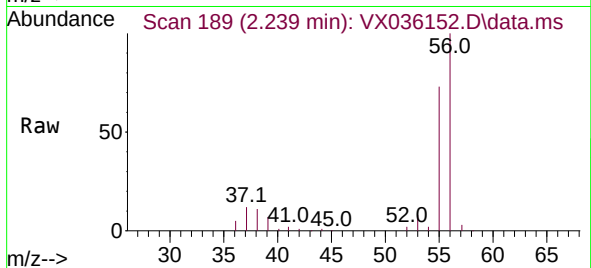
98 63.3 49.3 73.9





#13
Acrolein
Concen: 247.071 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

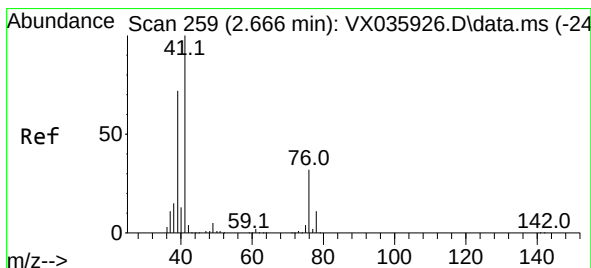
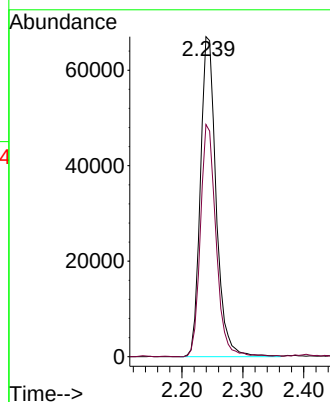
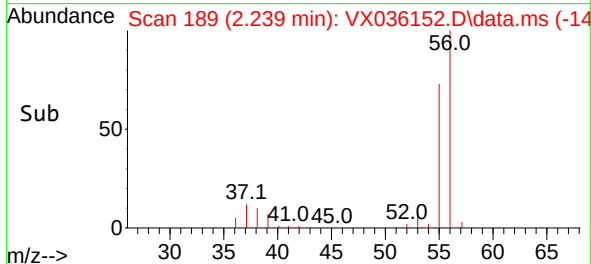
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 120358
Ion Ratio Lower Upper
56 100
55 71.7 57.3 85.9

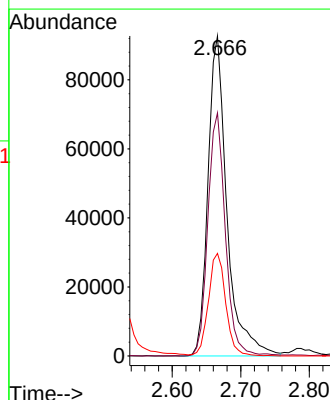
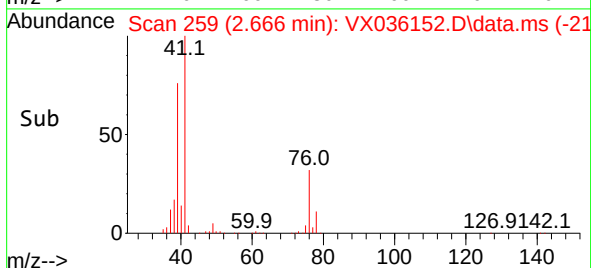
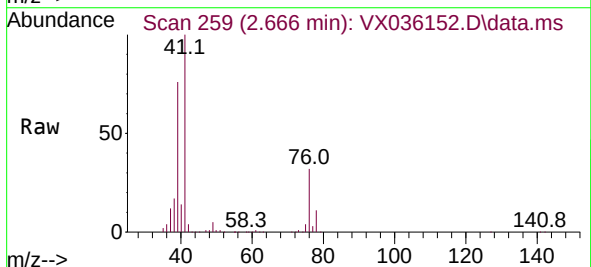
Manual Integrations
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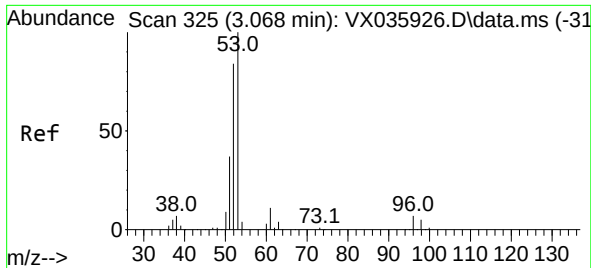
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#14
Allyl chloride
Concen: 49.384 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

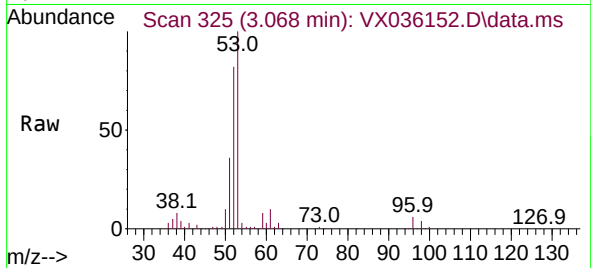
Tgt Ion: 41 Resp: 178598
Ion Ratio Lower Upper
41 100
39 70.3 56.9 85.3
76 29.3 24.1 36.1





#15
Acrylonitrile
Concen: 264.446 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

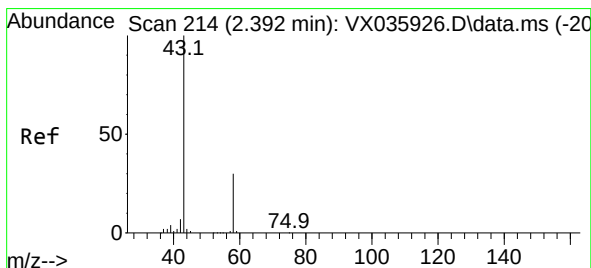
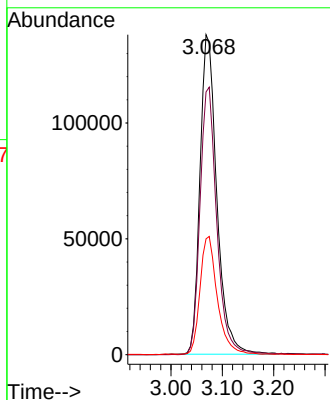
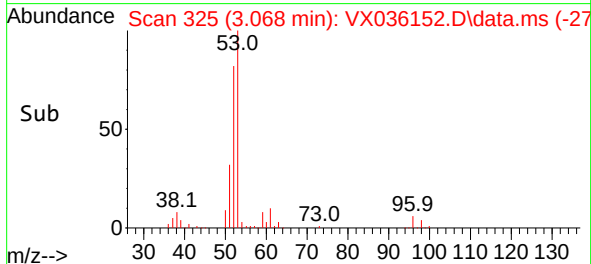
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 314210
Ion Ratio Lower Upper
53 100
52 83.3 67.0 100.4
51 37.7 29.8 44.8

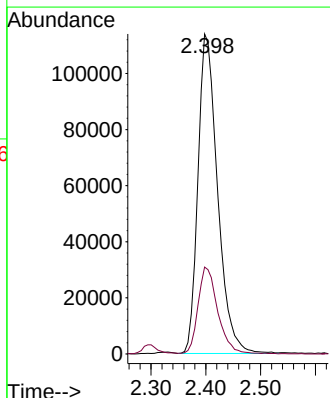
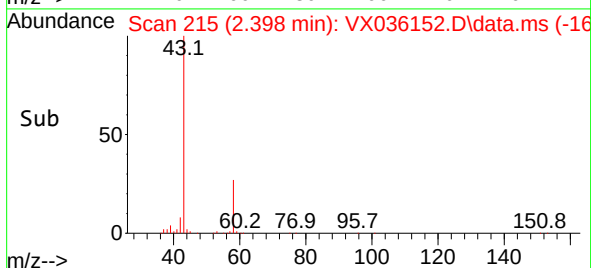
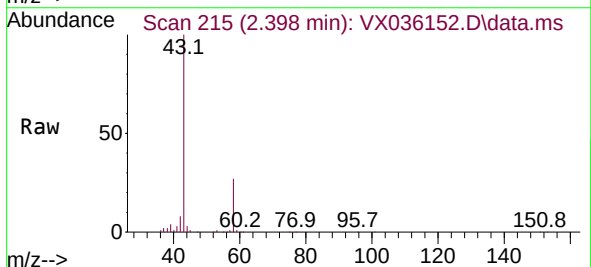
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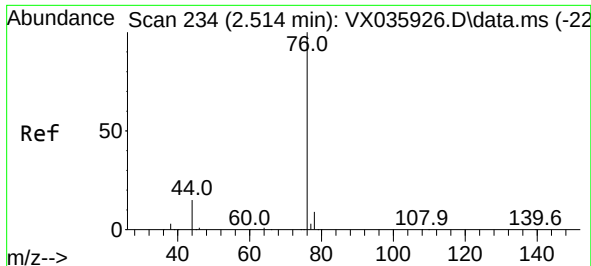
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#16
Acetone
Concen: 241.089 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.007 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Tgt Ion: 43 Resp: 283232
Ion Ratio Lower Upper
43 100
58 27.1 22.2 33.2





#17

Carbon Disulfide

Concen: 38.935 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 171638

Ion Ratio Lower Upper

76 100

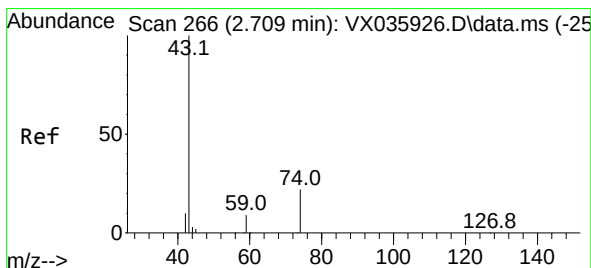
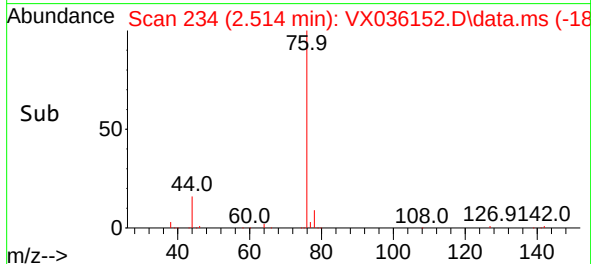
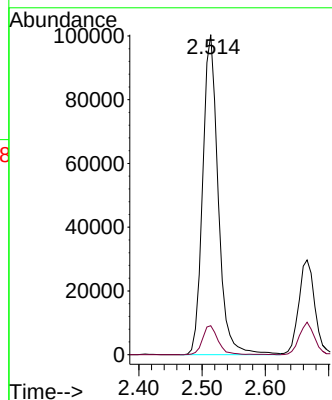
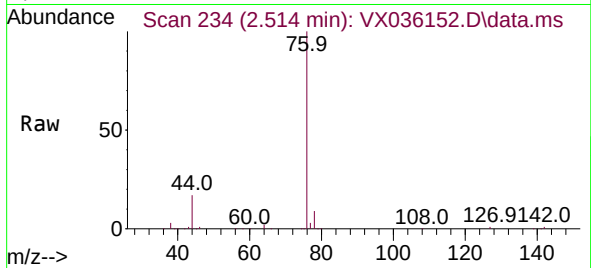
78 9.1 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#18

Methyl Acetate

Concen: 56.958 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.007 min

Lab File: VX036152.D

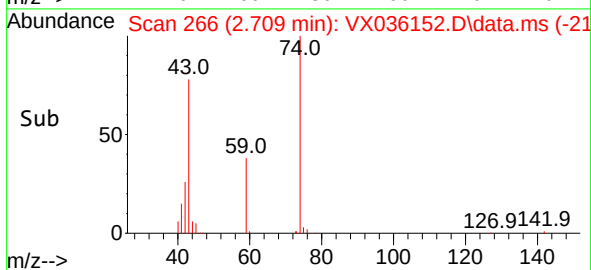
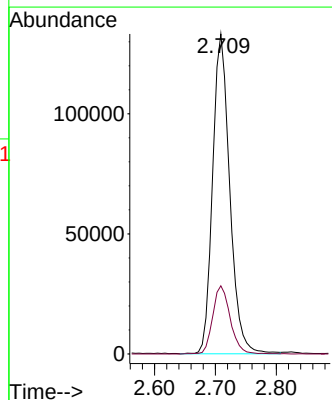
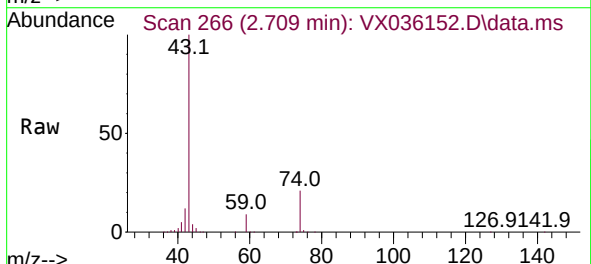
Acq: 13 Jun 2023 18:23

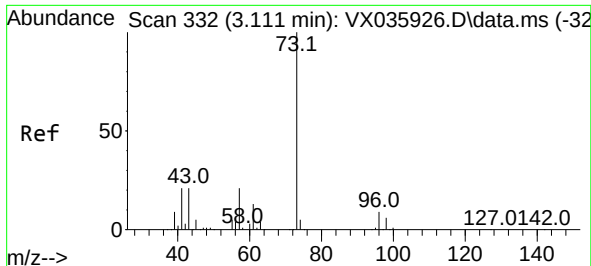
Tgt Ion: 43 Resp: 260138

Ion Ratio Lower Upper

43 100

74 21.8 17.7 26.5





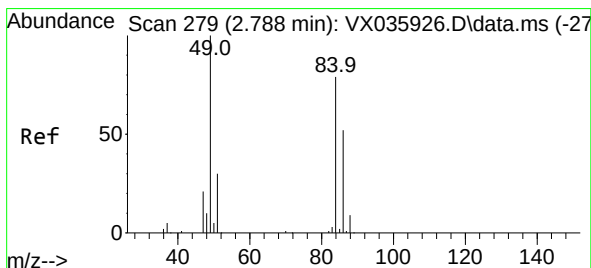
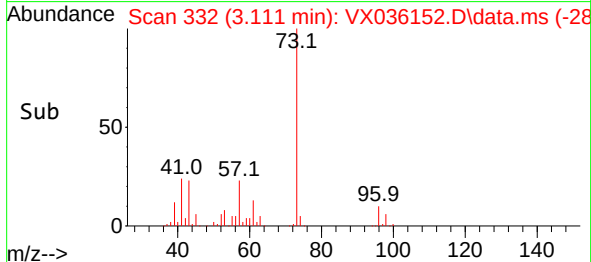
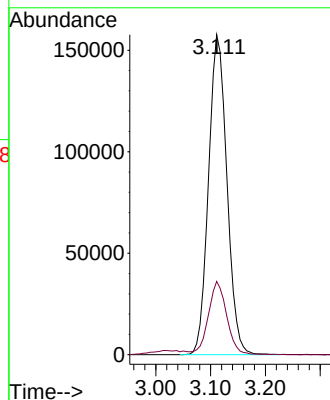
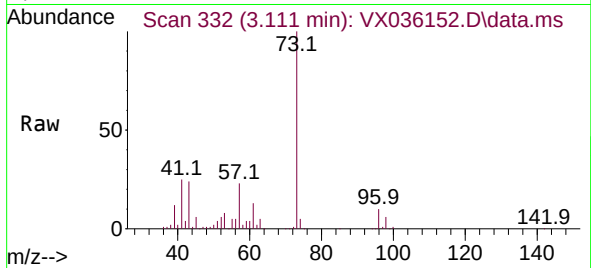
#19
Methyl tert-butyl Ether
Concen: 53.188 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 36654
Ion Ratio Lower Upper
73 100
57 22.8 17.6 26.4

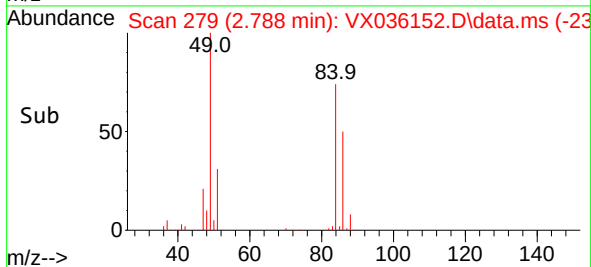
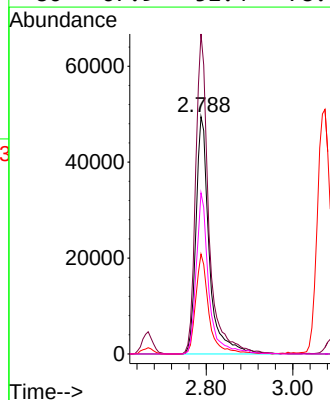
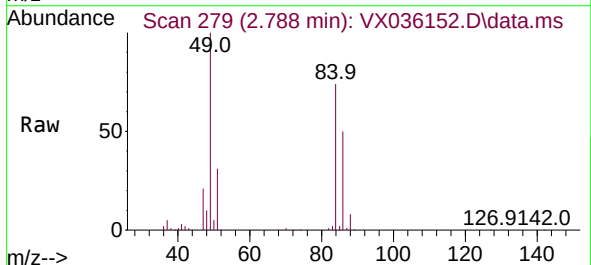
Manual Integrations
APPROVED

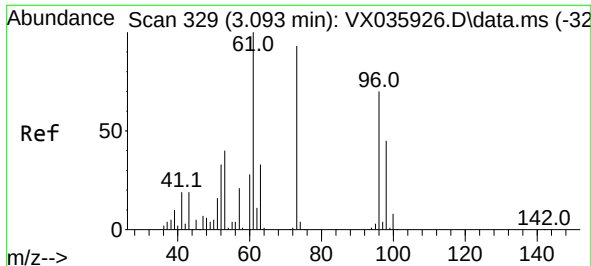
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#20
Methylene Chloride
Concen: 46.761 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

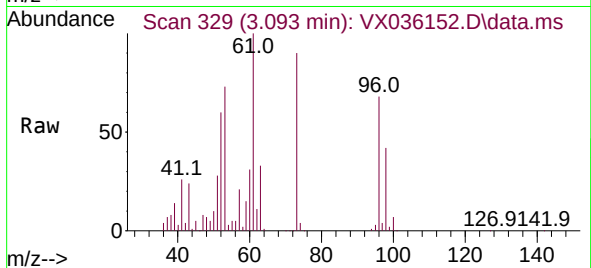
Tgt Ion: 84 Resp: 105819
Ion Ratio Lower Upper
84 100
49 134.8 104.6 156.8
51 42.1 32.2 48.4
86 67.9 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 46.687 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

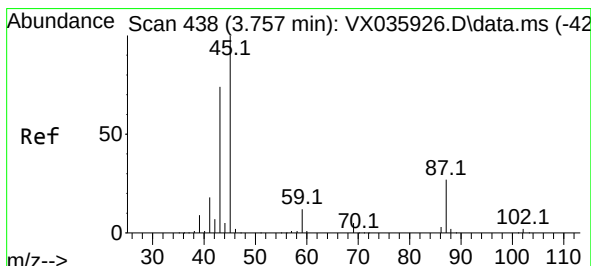
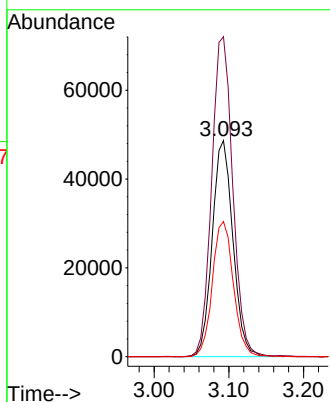
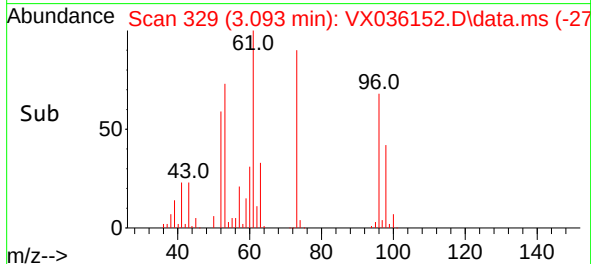
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



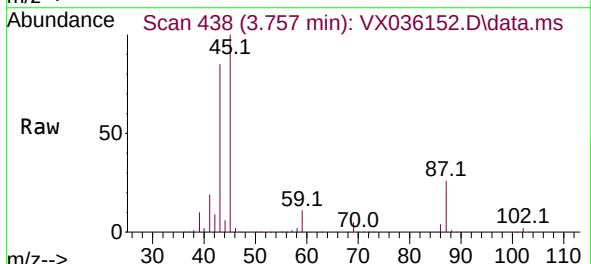
Tgt Ion: 96 Resp: 9389
Ion Ratio Lower Upper
96 100
61 148.0 118.2 177.4
98 62.5 50.6 75.8

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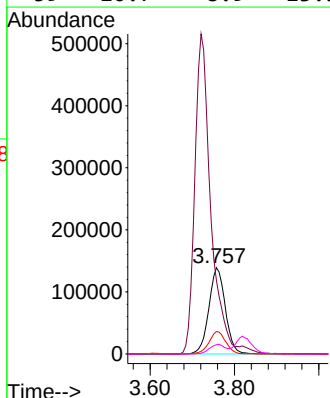
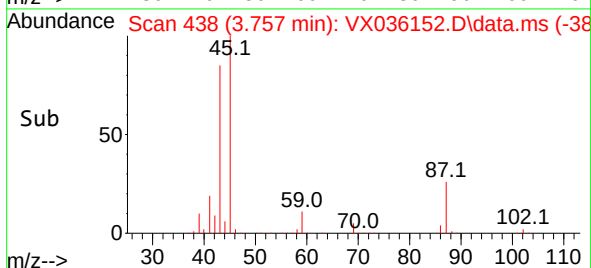
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

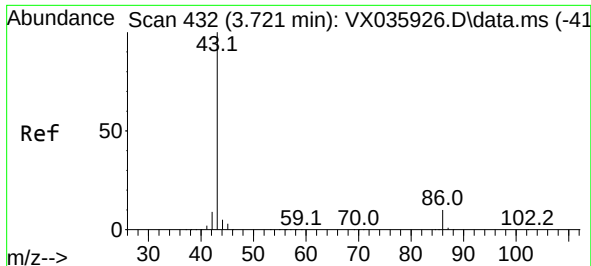


#22
Diisopropyl ether
Concen: 53.513 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23



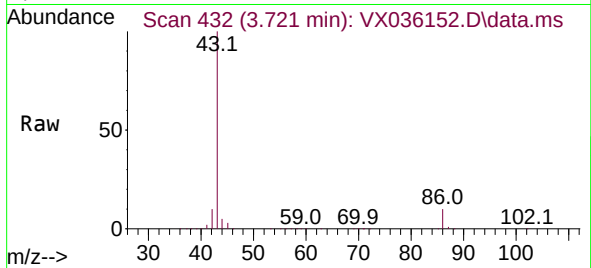
Tgt Ion: 45 Resp: 376429
Ion Ratio Lower Upper
45 100
43 85.0 63.8 95.6
87 25.9 20.6 31.0
59 10.7 8.9 13.3





#23
 Vinyl Acetate
 Concen: 278.791 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX036152.D
 Acq: 13 Jun 2023 18:23

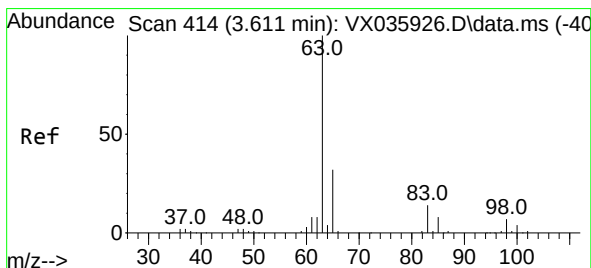
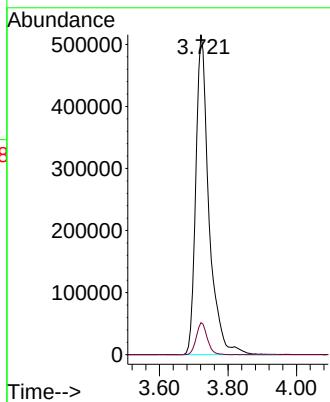
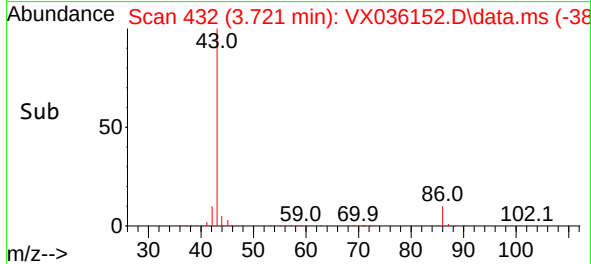
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



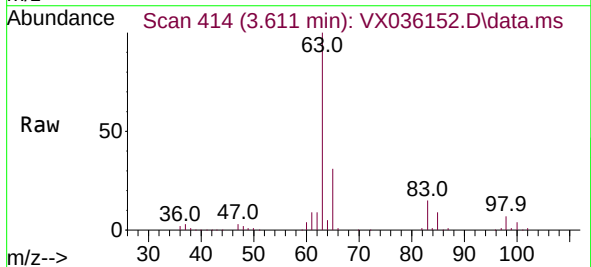
Tgt Ion: 43 Resp: 137783
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.6

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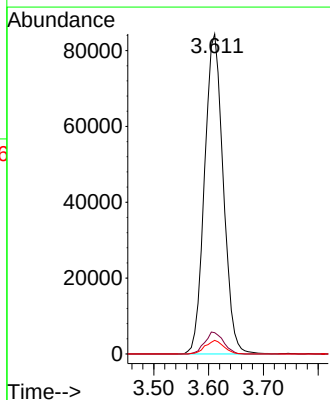
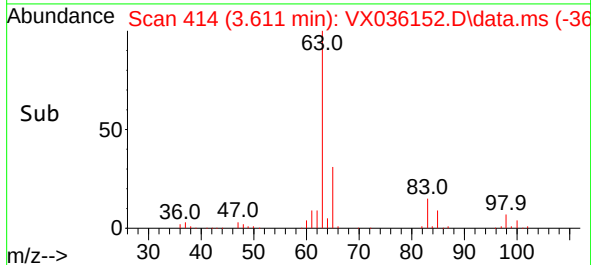
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023

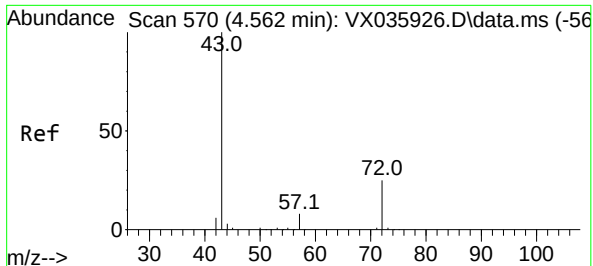


#24
 1,1-Dichloroethane
 Concen: 51.051 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX036152.D
 Acq: 13 Jun 2023 18:23



Tgt Ion: 63 Resp: 199175
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 4.3 2.3 6.9





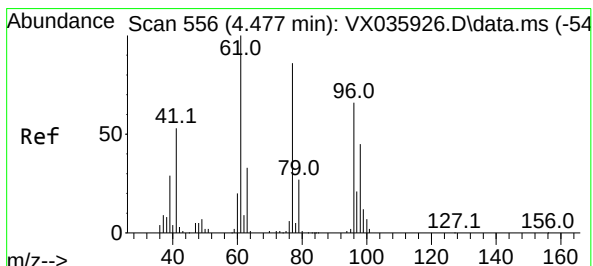
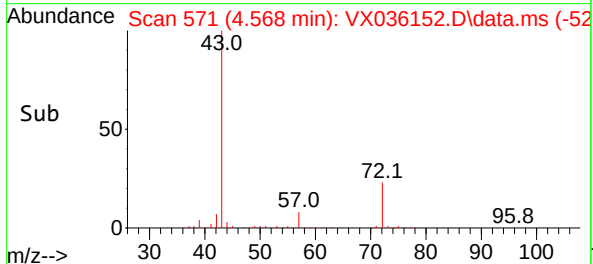
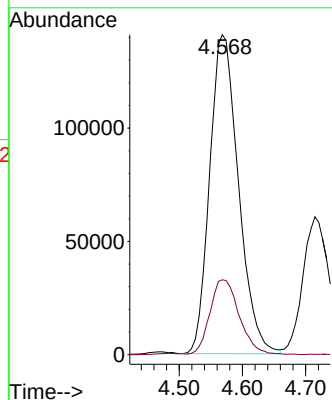
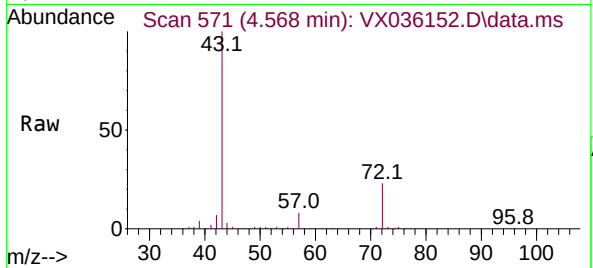
#25
2-Butanone
Concen: 264.676 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 445044
Ion Ratio Lower Upper
43 100
72 23.2 19.4 29.2

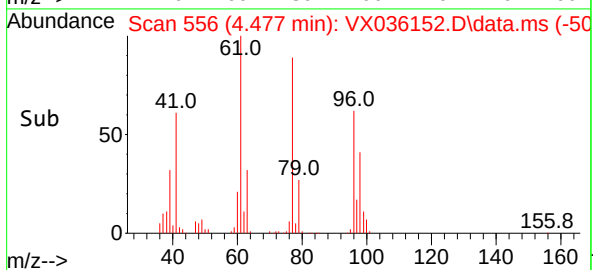
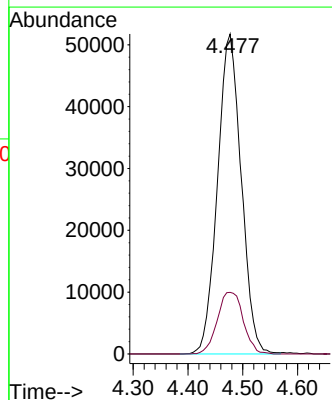
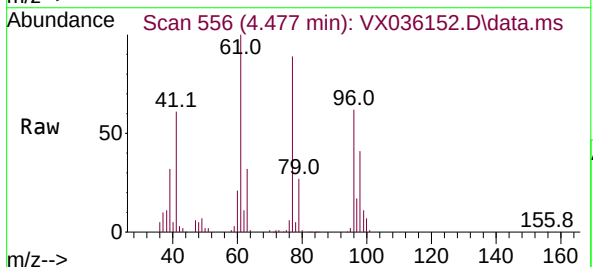
Manual Integrations
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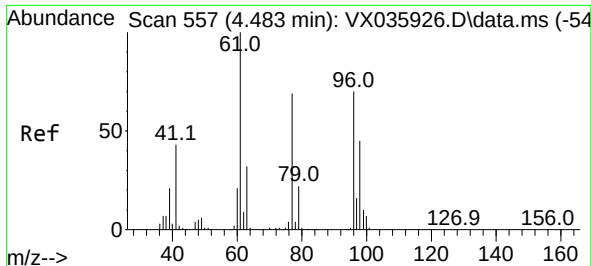
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#26
2,2-Dichloropropane
Concen: 52.348 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.007 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Tgt Ion: 77 Resp: 155675
Ion Ratio Lower Upper
77 100
97 21.0 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 48.472 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 11699

Ion Ratio Lower Upper

96 100

61 158.2 0.0 312.6

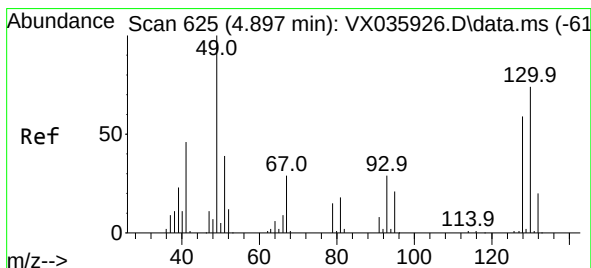
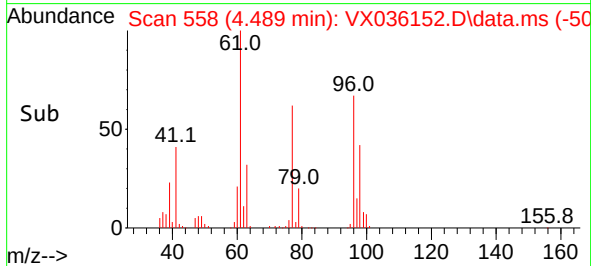
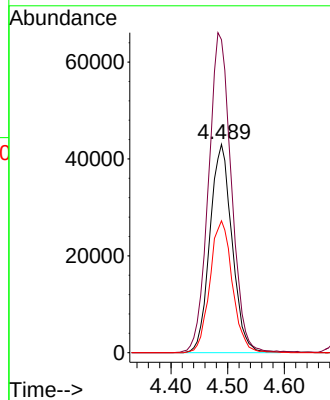
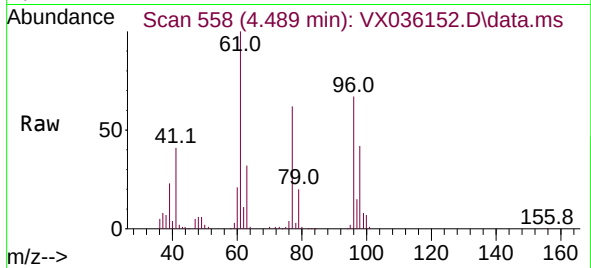
98 64.1 0.0 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#28

Bromochloromethane

Concen: 55.351 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

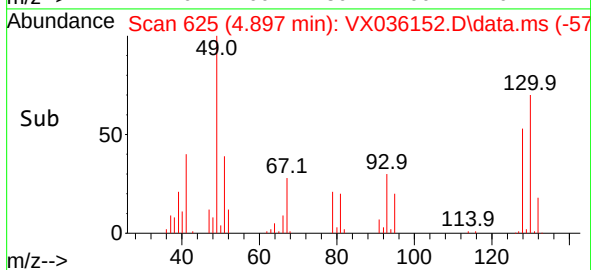
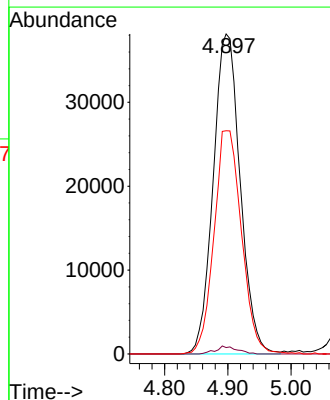
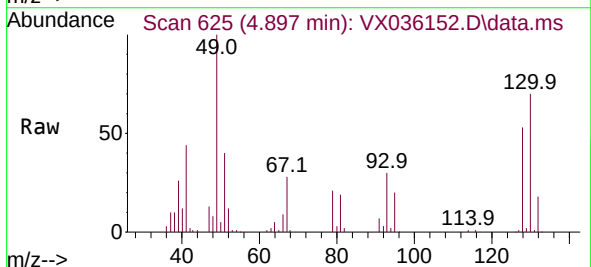
Tgt Ion: 49 Resp: 113087

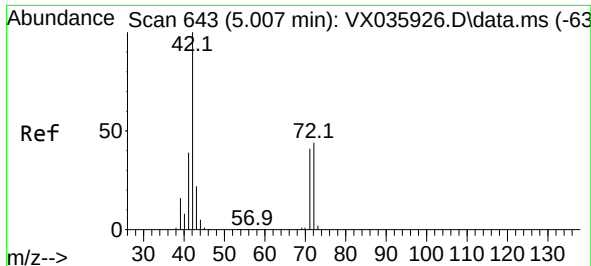
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.6

130 71.1 55.8 83.8





#29

Tetrahydrofuran

Concen: 268.292 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.006 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 290709

Ion Ratio Lower Upper

42 100

72 42.4 34.2 51.2

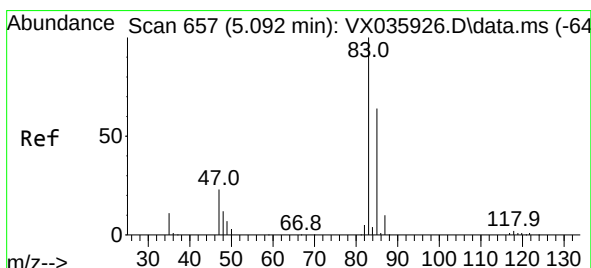
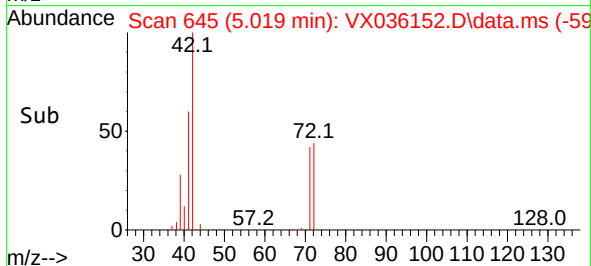
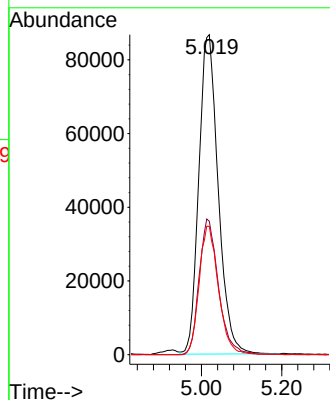
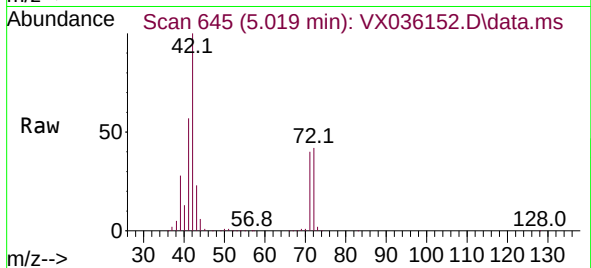
71 39.9 31.8 47.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#30

Chloroform

Concen: 53.038 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX036152.D

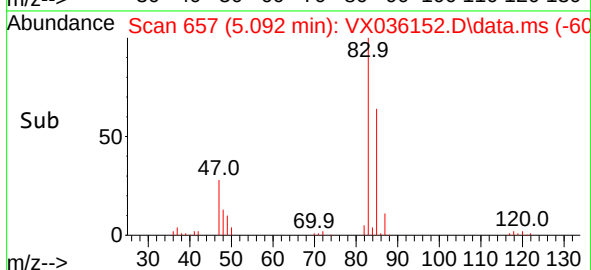
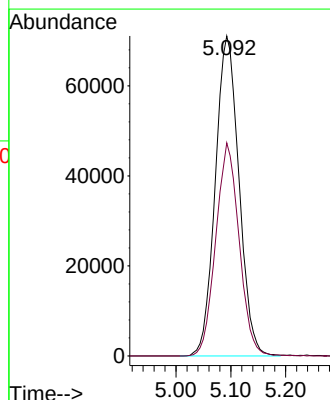
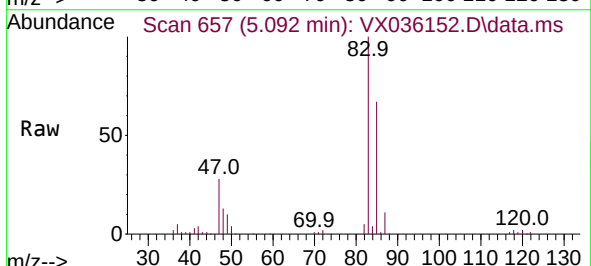
Acq: 13 Jun 2023 18:23

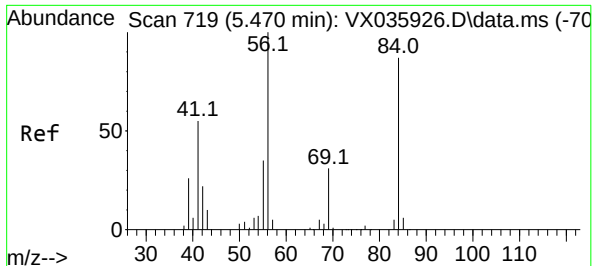
Tgt Ion: 83 Resp: 213138

Ion Ratio Lower Upper

83 100

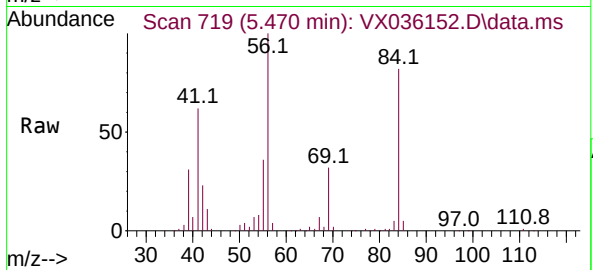
85 66.6 51.0 76.4





#31
Cyclohexane
Concen: 50.575 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

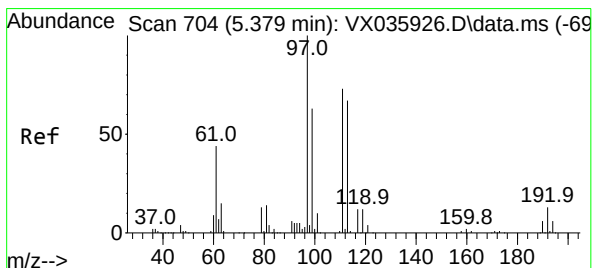
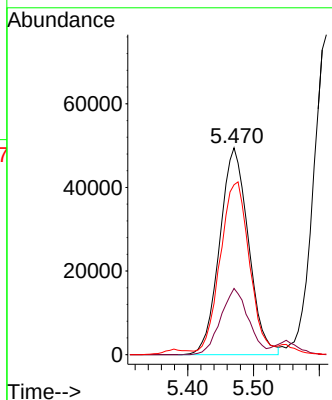
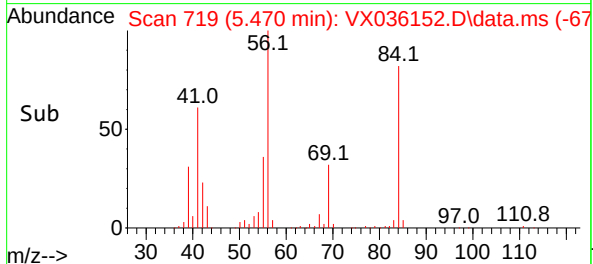
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 150788
Ion Ratio Lower Upper
56 100
69 32.0 25.9 38.9
84 80.0 67.6 101.4

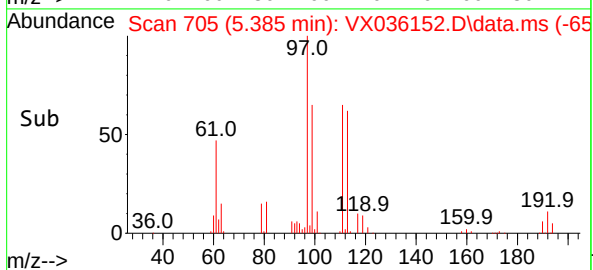
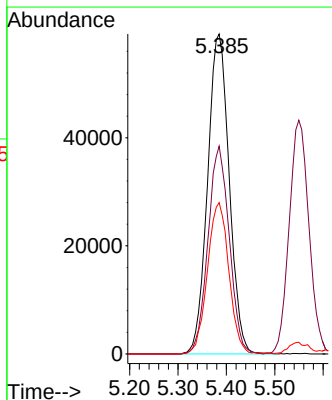
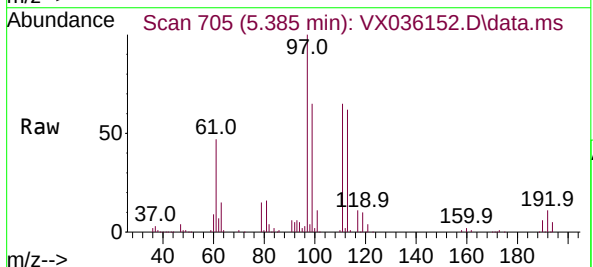
Manual Integrations
APPROVED

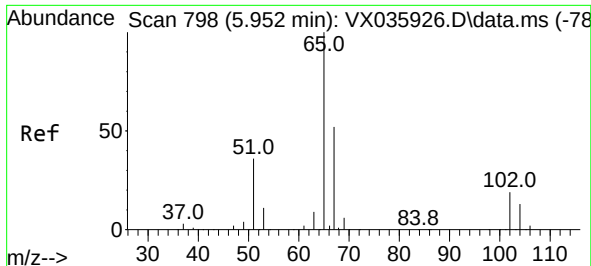
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#32
1,1,1-Trichloroethane
Concen: 54.190 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Tgt Ion: 97 Resp: 184022
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 47.0 36.9 55.3





#33

1,2-Dichloroethane-d4

Concen: 56.132 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 15984

Ion Ratio Lower Upper

65 100

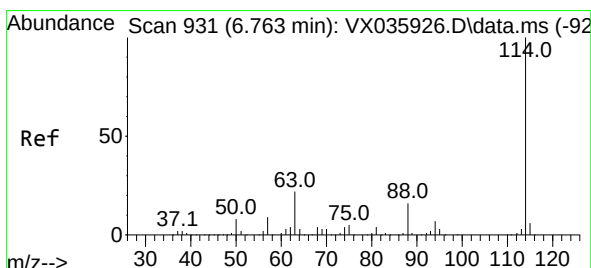
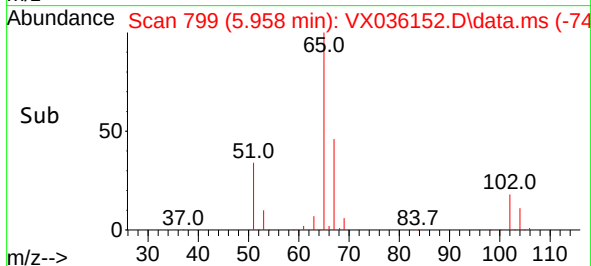
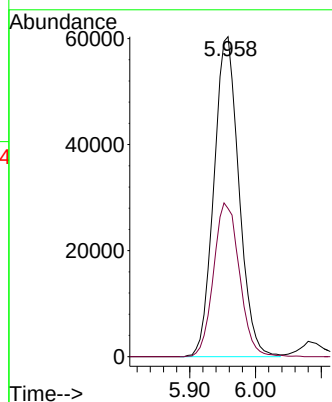
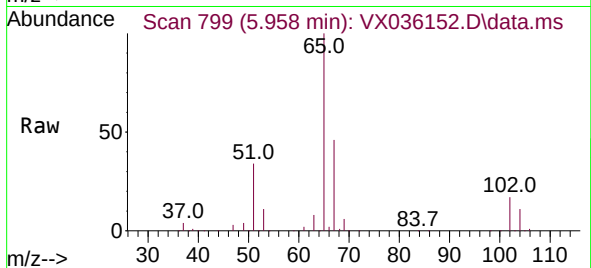
67 49.8 0.0 99.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

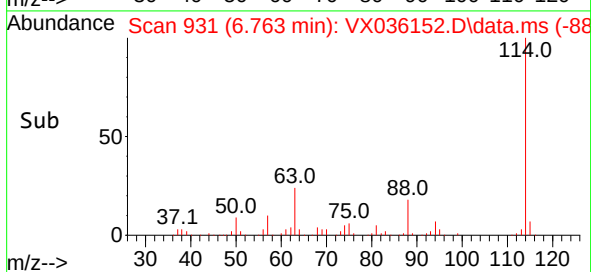
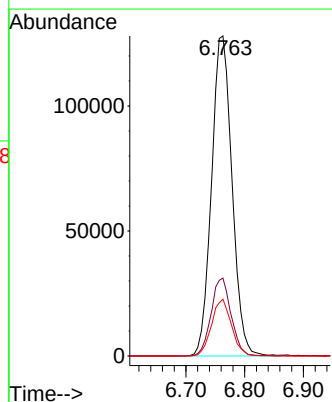
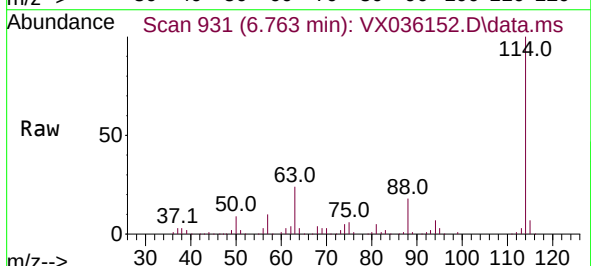
Tgt Ion:114 Resp: 310266

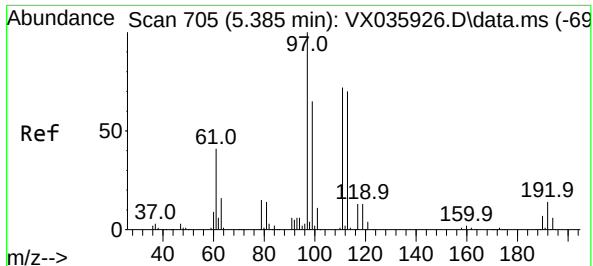
Ion Ratio Lower Upper

114 100

63 24.3 0.0 46.0

88 17.8 0.0 35.2





#35

Dibromofluoromethane

Concen: 52.297 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036152.D

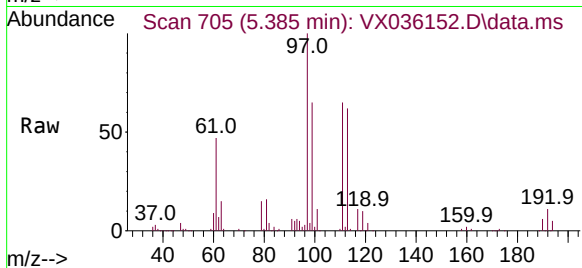
Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 113 Resp: 109134

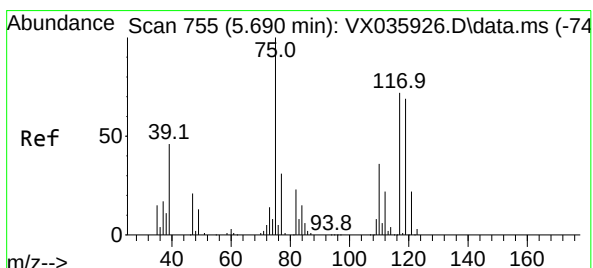
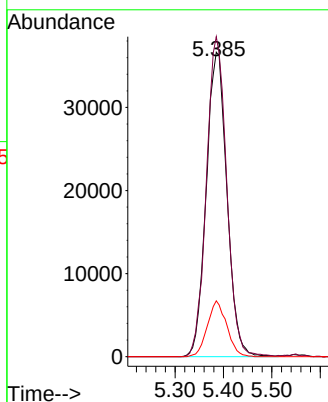
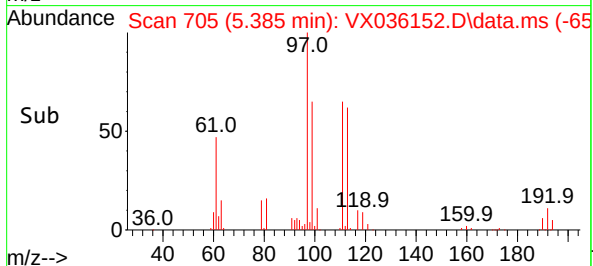
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.7	122.5
192	17.2	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#36

1,1-Dichloropropene

Concen: 50.754 ug/l

RT: 5.690 min Scan# 755

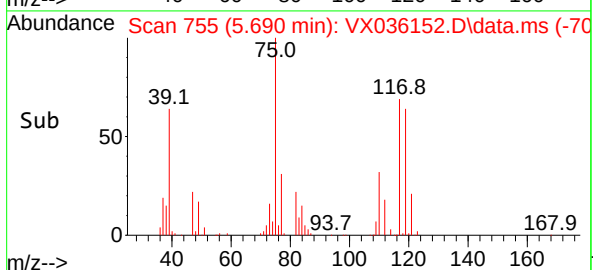
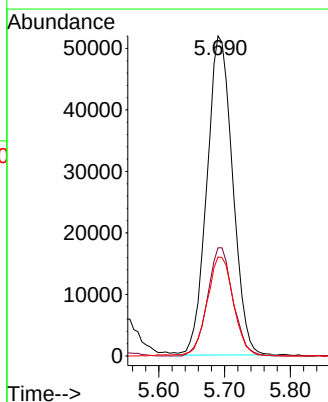
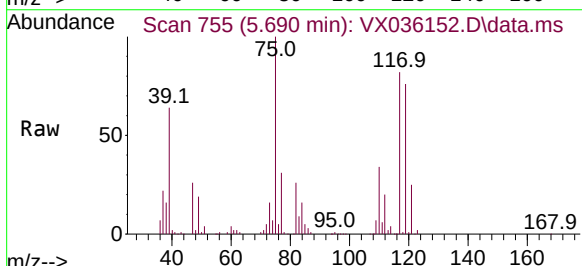
Delta R.T. -0.000 min

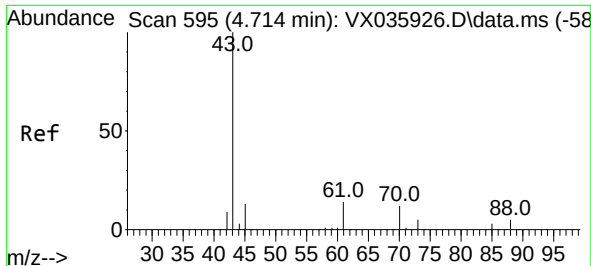
Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Tgt Ion: 75 Resp: 141220

Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.6	49.7
77	31.4	24.4	36.6





#37

Ethyl Acetate

Concen: 58.289 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 18062

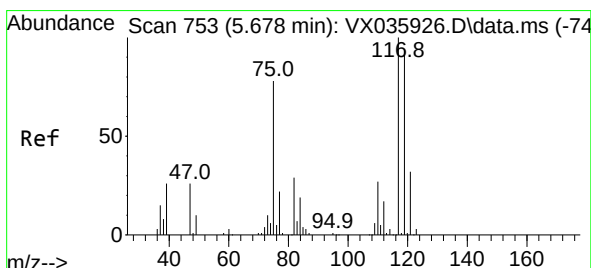
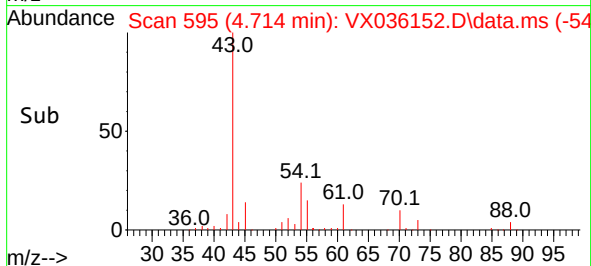
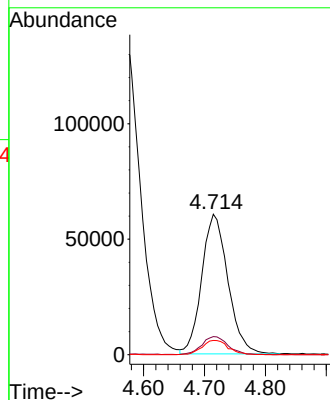
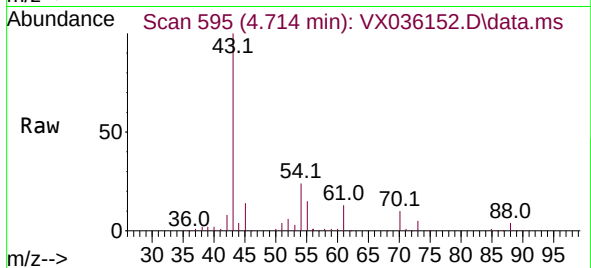
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.3	15.5
70	10.2	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#38

Carbon Tetrachloride

Concen: 54.554 ug/l

RT: 5.678 min Scan# 753

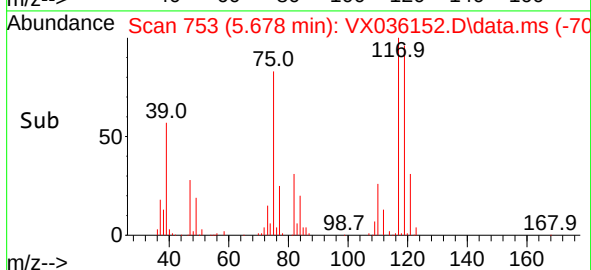
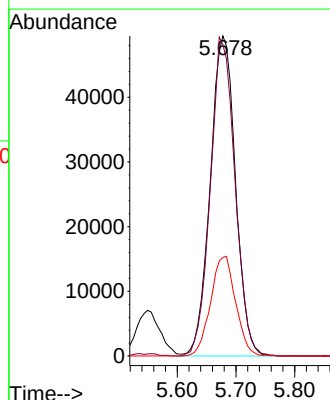
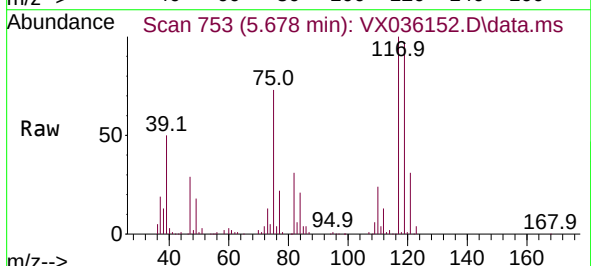
Delta R.T. 0.001 min

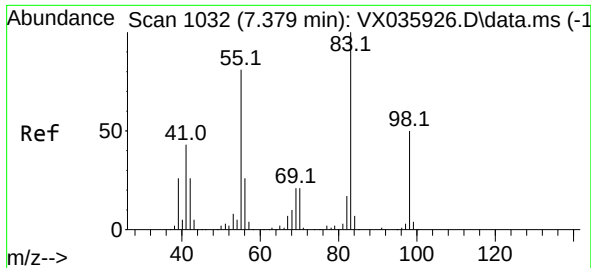
Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Tgt Ion:117 Resp: 147926

Ion	Ratio	Lower	Upper
117	100		
119	97.2	74.1	111.1
121	30.8	25.0	37.4





#39

Methylcyclohexane

Concen: 50.985 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 14801

Ion Ratio Lower Upper

83 100

55 83.3 64.9 97.3

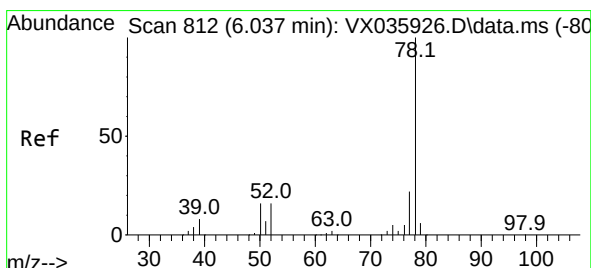
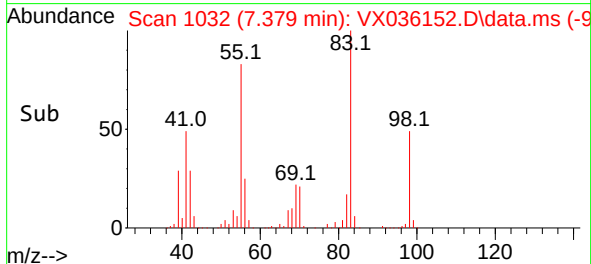
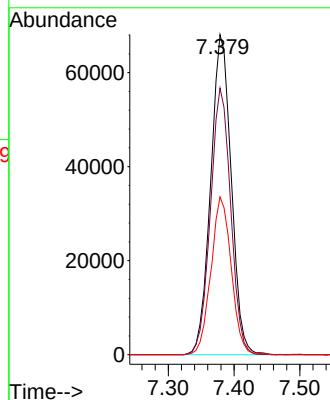
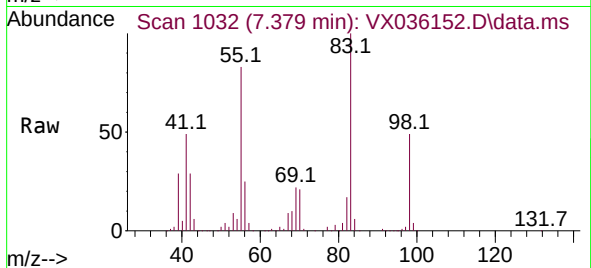
98 49.3 38.1 57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#40

Benzene

Concen: 49.451 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX036152.D

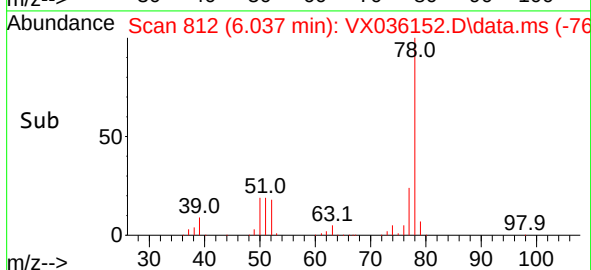
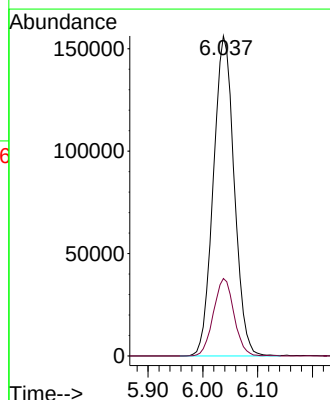
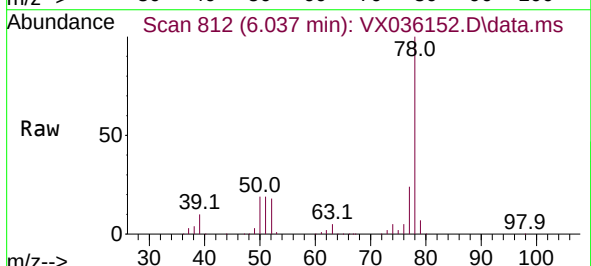
Acq: 13 Jun 2023 18:23

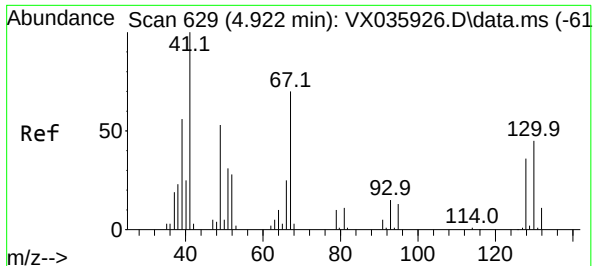
Tgt Ion: 78 Resp: 412958

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6





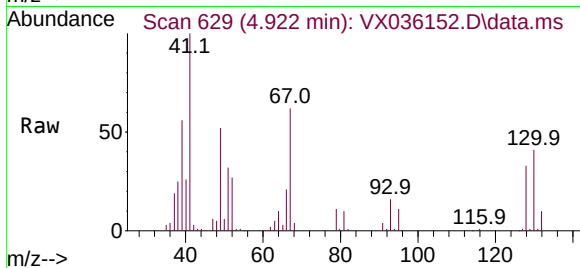
#41
Methacrylonitrile
Concen: 60.895 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



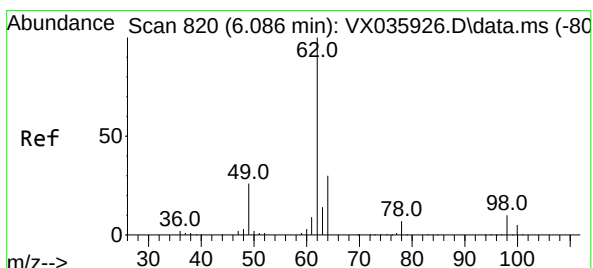
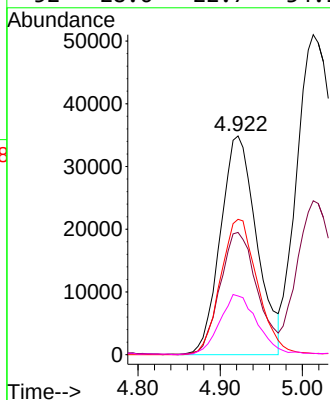
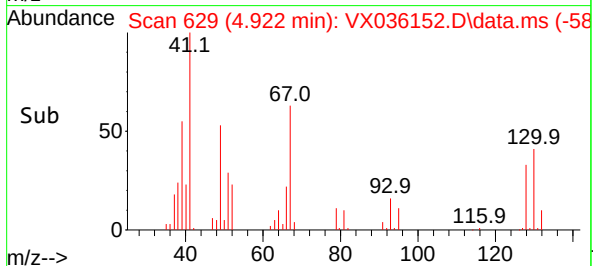
Tgt Ion: 41 Resp: 10704
Ion Ratio Lower Upper
41 100
39 57.2 45.6 68.4
67 63.4 51.8 77.6
52 28.6 22.7 34.1

Manual Integrations

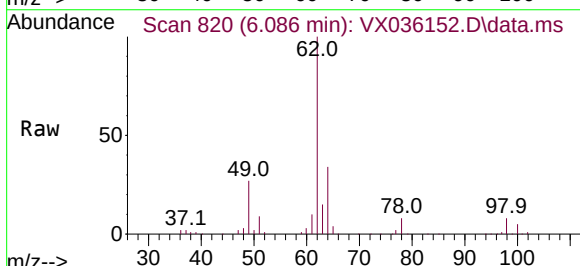
APPROVED

Reviewed By :John Carlone 06/14/2023

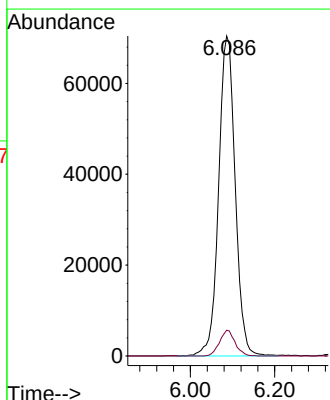
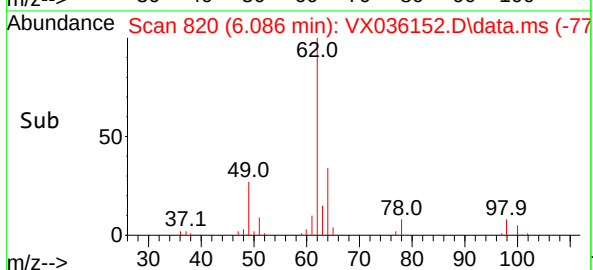
Supervised By :Mahesh Dadoda 06/14/2023

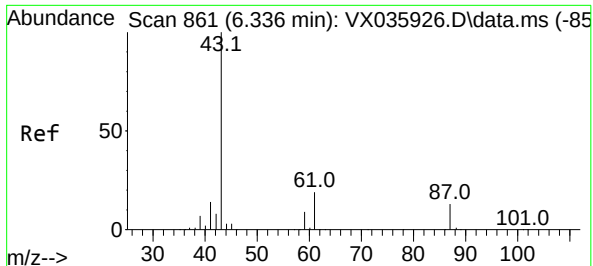


#42
1,2-Dichloroethane
Concen: 57.804 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23



Tgt Ion: 62 Resp: 191158
Ion Ratio Lower Upper
62 100
98 7.5 0.0 16.0





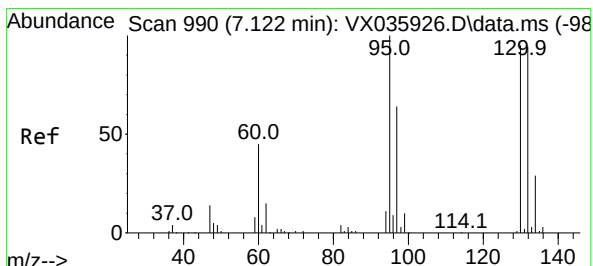
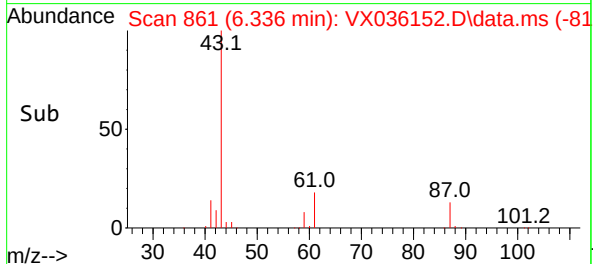
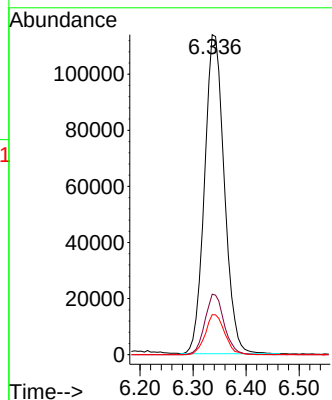
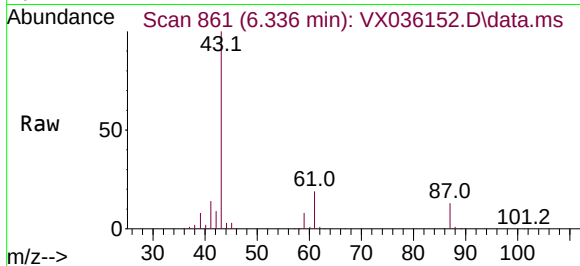
#43
Isopropyl Acetate
Concen: 57.784 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 294420
Ion Ratio Lower Upper
43 100
61 18.4 15.0 22.4
87 12.3 9.9 14.9

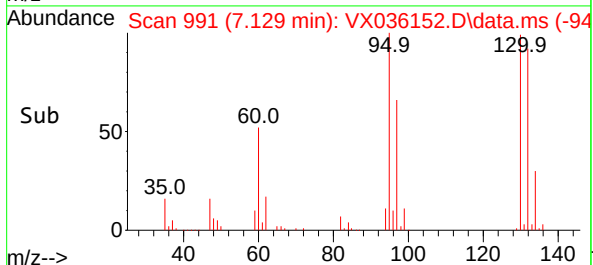
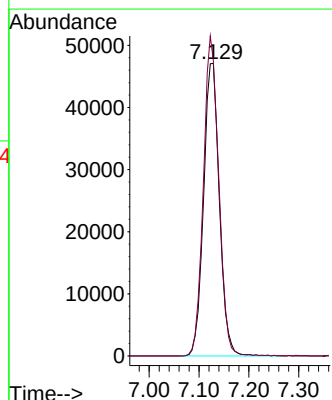
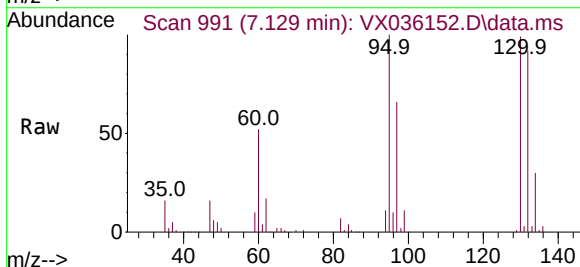
Manual Integrations
APPROVED

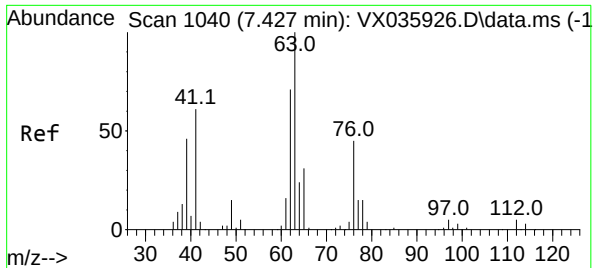
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#44
Trichloroethene
Concen: 47.786 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

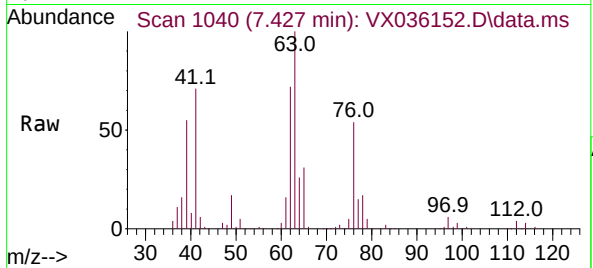
Tgt Ion:130 Resp: 103520
Ion Ratio Lower Upper
130 100
95 101.1 0.0 207.6





#45
1,2-Dichloropropane
Concen: 51.711 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

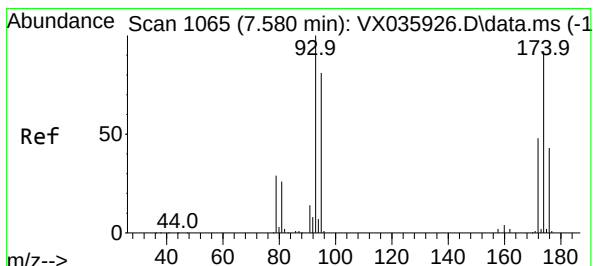
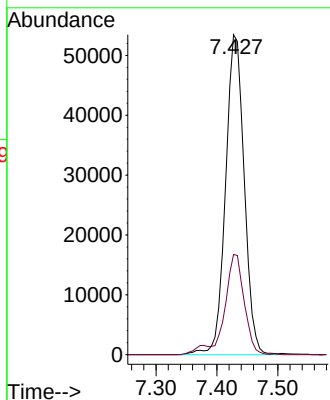
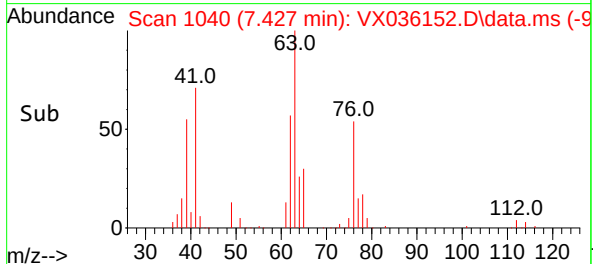
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 11365
Ion Ratio Lower Upper
63 100
65 31.2 24.8 37.2

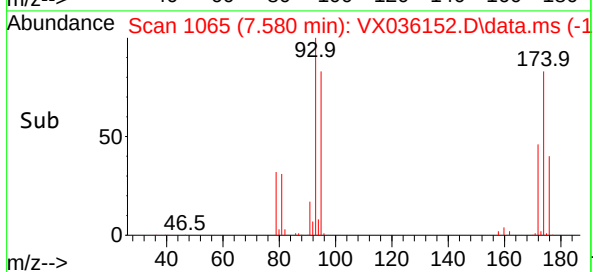
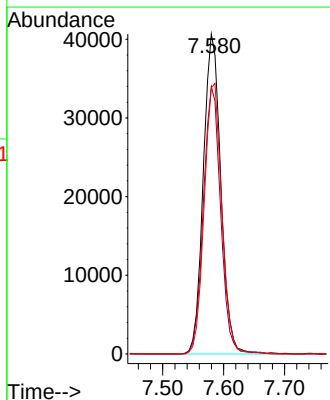
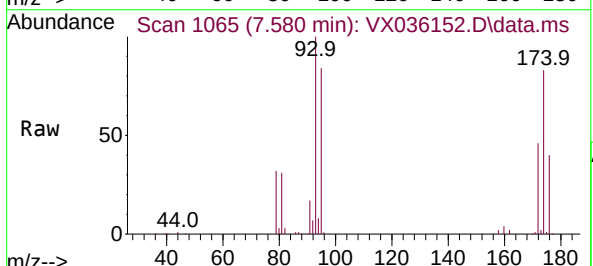
Manual Integrations
APPROVED

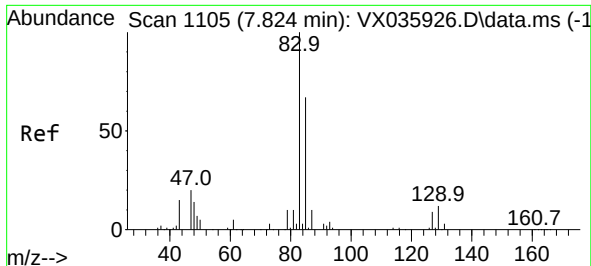
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#46
Dibromomethane
Concen: 53.063 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Tgt Ion: 93 Resp: 81018
Ion Ratio Lower Upper
93 100
95 82.6 66.2 99.2
174 85.2 69.5 104.3





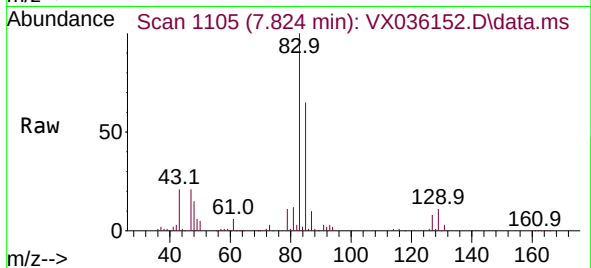
#47
Bromodichloromethane
Concen: 55.937 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



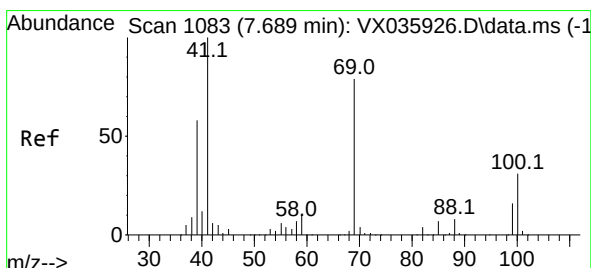
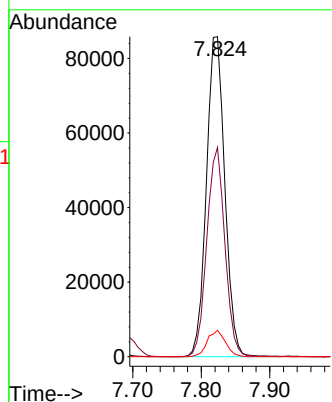
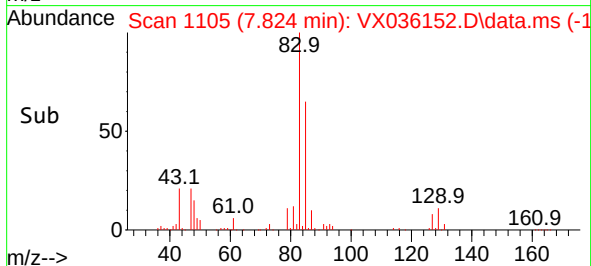
Tgt Ion: 83 Resp: 160658
Ion Ratio Lower Upper
83 100
85 65.4 51.3 76.9
127 8.2 6.6 10.0

Manual Integrations

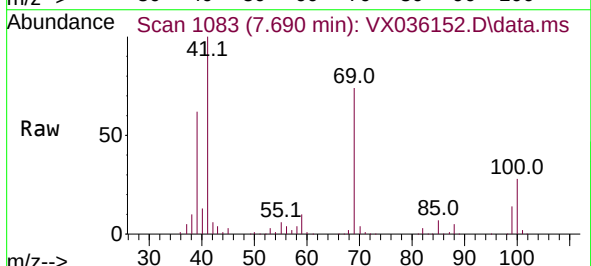
APPROVED

Reviewed By :John Carlone 06/14/2023

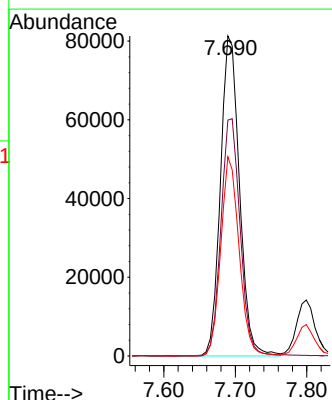
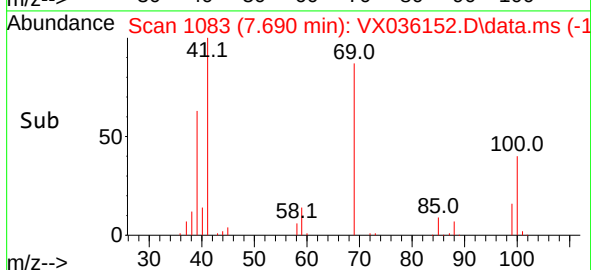
Supervised By :Mahesh Dadoda 06/14/2023

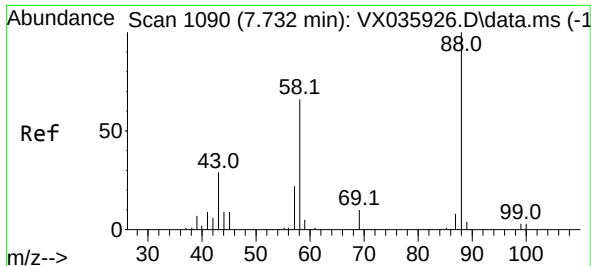


#48
Methyl methacrylate
Concen: 60.131 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23



Tgt Ion: 41 Resp: 150251
Ion Ratio Lower Upper
41 100
69 74.5 59.0 88.6
39 60.2 48.4 72.6





#49

1,4-Dioxane

Concen: 902.269 ug/l

RT: 7.732 min Scan# 1090

Delta R.T. 0.018 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 51634

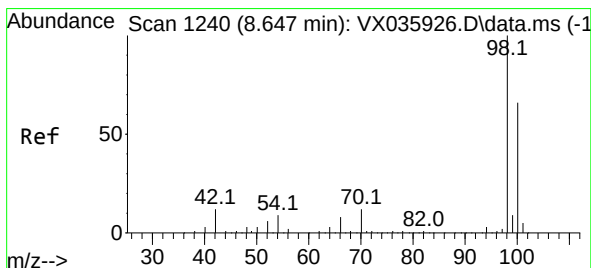
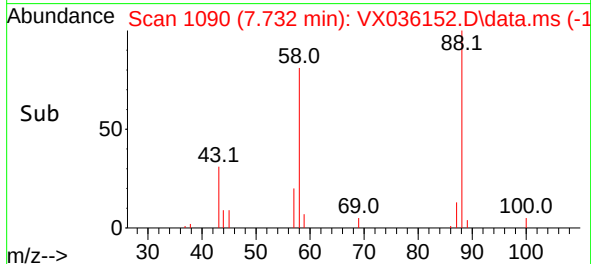
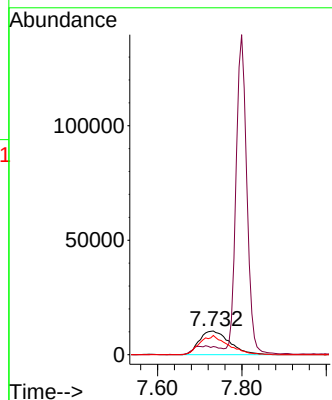
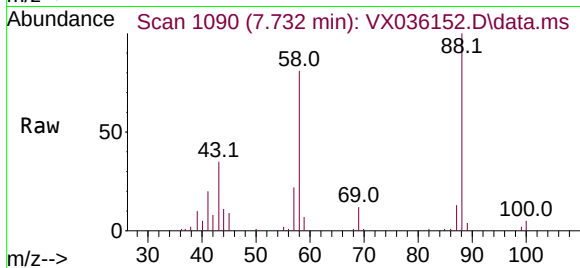
Ion	Ratio	Lower	Upper
88	100		
43	31.1	27.4	41.0
58	75.6	58.9	88.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#50

Toluene-d8

Concen: 51.775 ug/l

RT: 8.647 min Scan# 1240

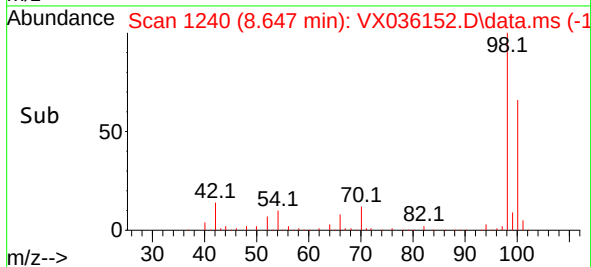
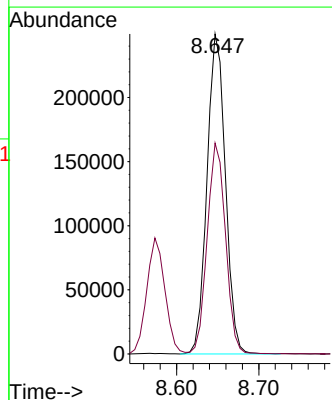
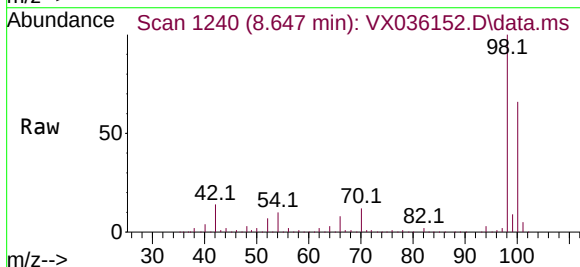
Delta R.T. 0.001 min

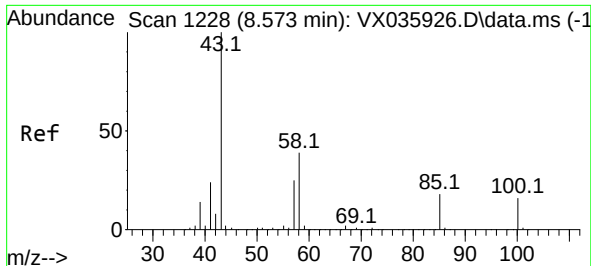
Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Tgt Ion: 98 Resp: 387766

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.4	80.0





#51

4-Methyl-2-Pentanone

Concen: 302.712 ug/l

RT: 8.574 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 94148

Ion Ratio Lower Upper

43 100

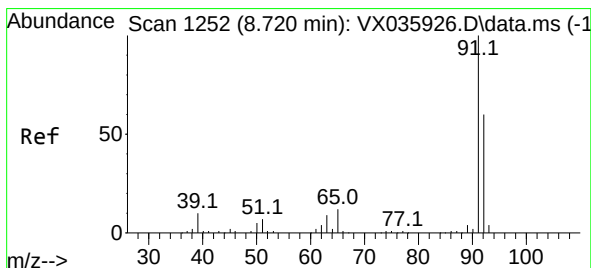
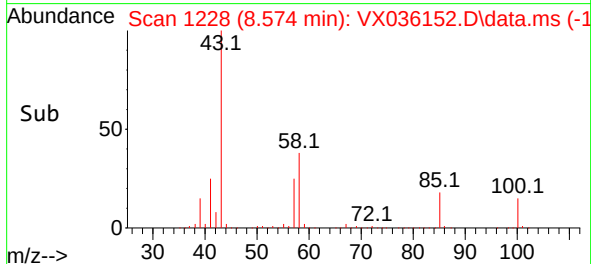
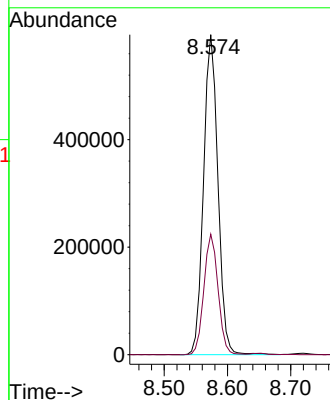
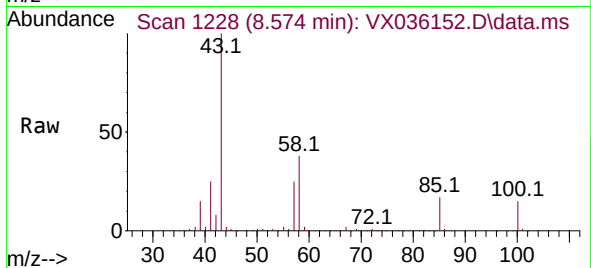
58 37.1 30.1 45.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#52

Toluene

Concen: 50.979 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX036152.D

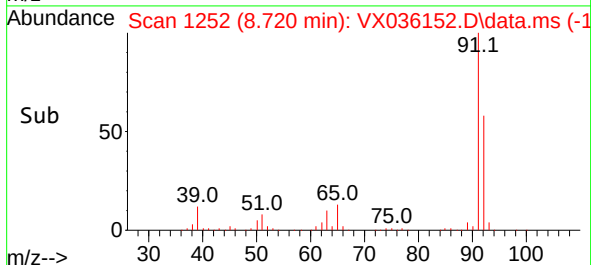
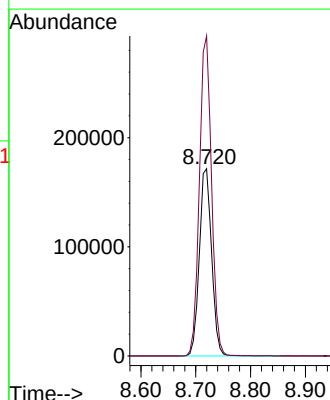
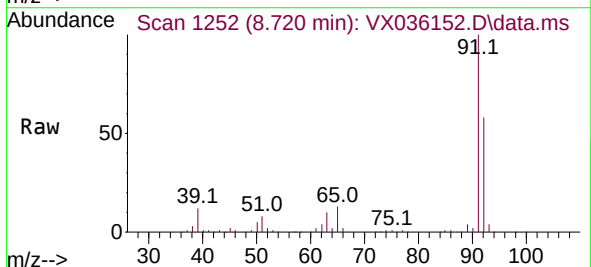
Acq: 13 Jun 2023 18:23

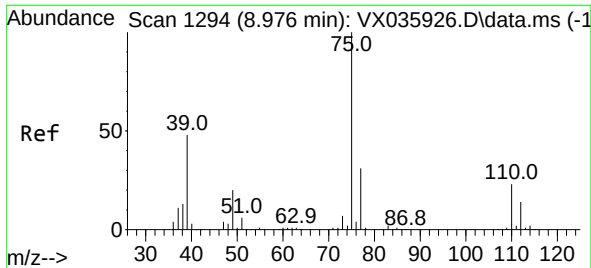
Tgt Ion: 92 Resp: 267647

Ion Ratio Lower Upper

92 100

91 168.6 133.5 200.3





#53

t-1,3-Dichloropropene

Concen: 56.183 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 170579

Ion Ratio Lower Upper

75 100

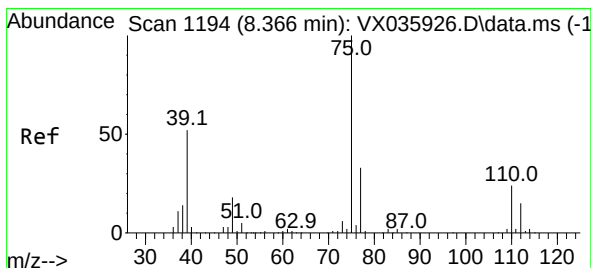
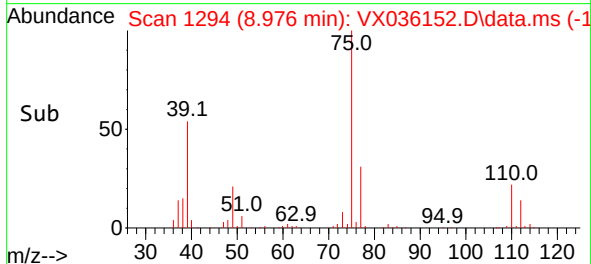
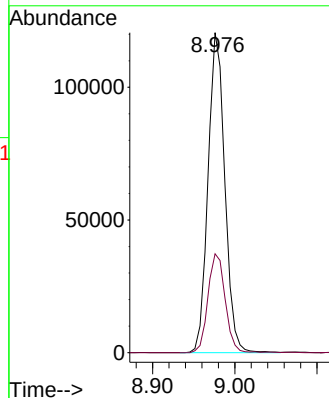
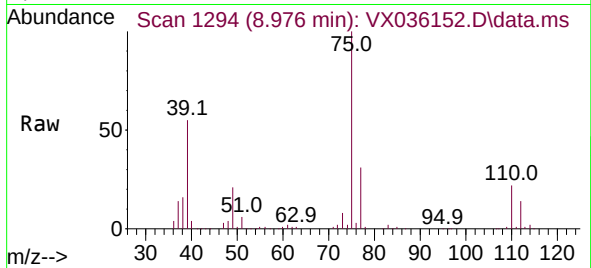
77 30.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#54

cis-1,3-Dichloropropene

Concen: 54.019 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

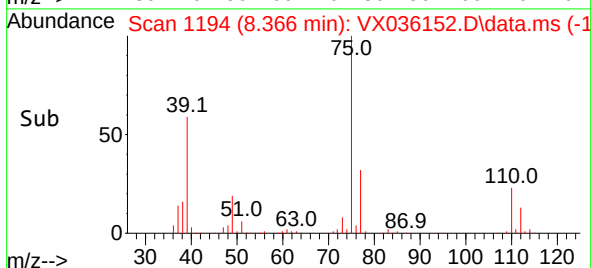
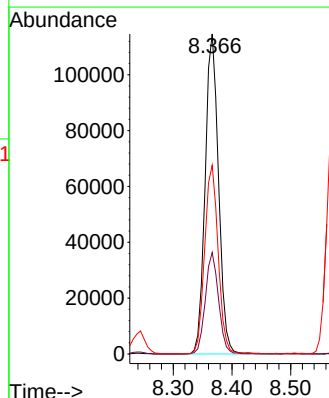
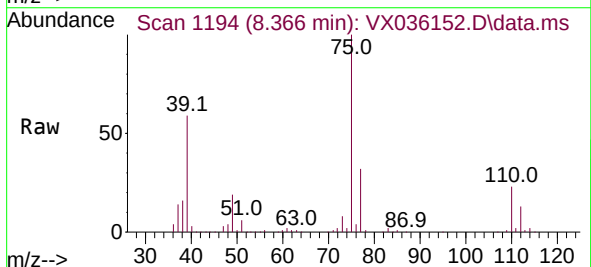
Tgt Ion: 75 Resp: 181107

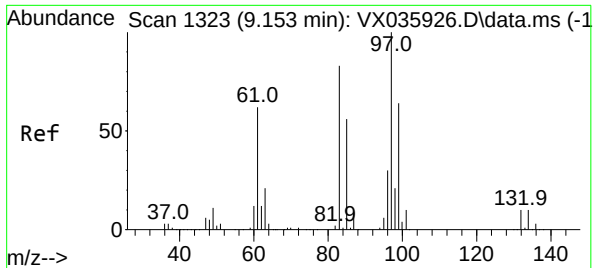
Ion Ratio Lower Upper

75 100

77 31.7 24.7 37.1

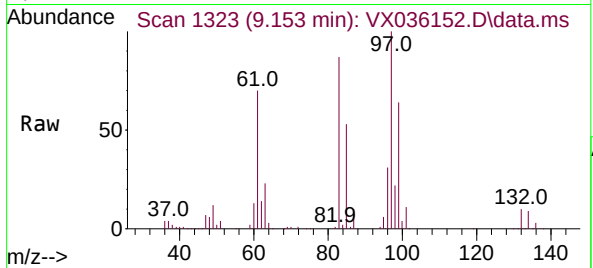
39 58.9 47.0 70.6





#55
1,1,2-Trichloroethane
Concen: 53.075 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

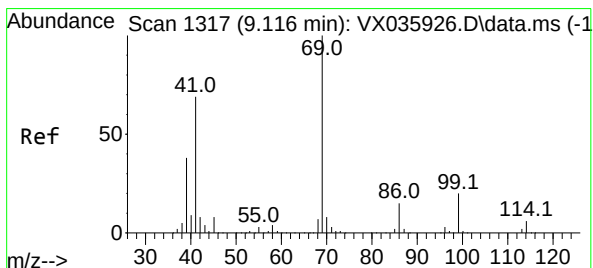
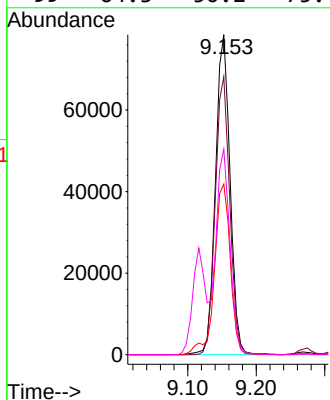
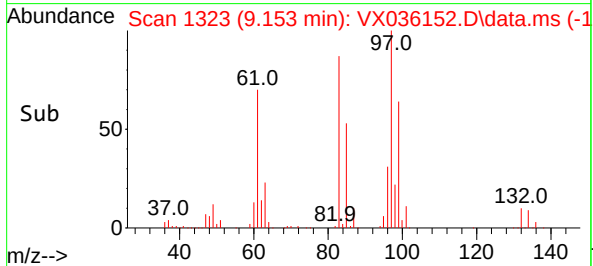


Tgt Ion: 97 Resp: 116090

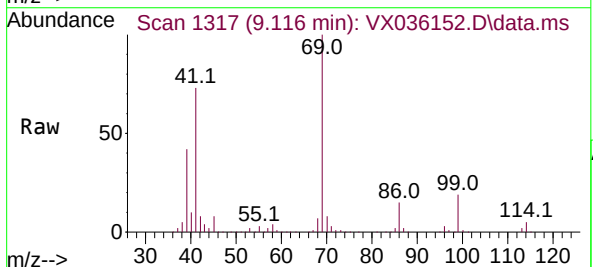
Ion	Ratio	Lower	Upper
97	100		
83	86.9	68.3	102.5
85	53.3	44.2	66.2
99	64.3	50.2	75.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

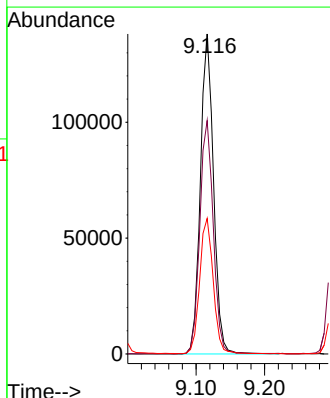
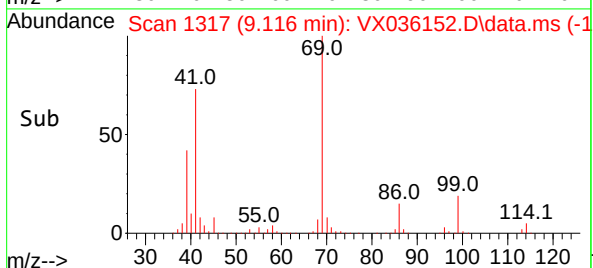


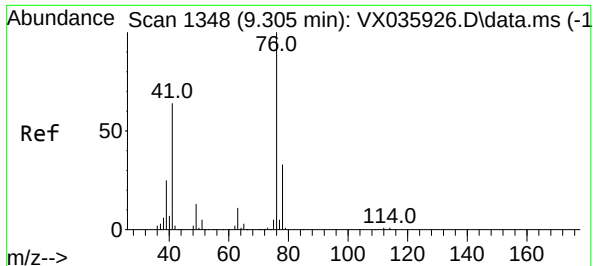
#56
Ethyl methacrylate
Concen: 56.497 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23



Tgt Ion: 69 Resp: 184761

Ion	Ratio	Lower	Upper
69	100		
41	75.1	58.9	88.3
39	43.8	33.4	50.0





#57

1,3-Dichloropropane

Concen: 54.132 ug/l

RT: 9.305 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 203775

Ion Ratio Lower Upper

76 100

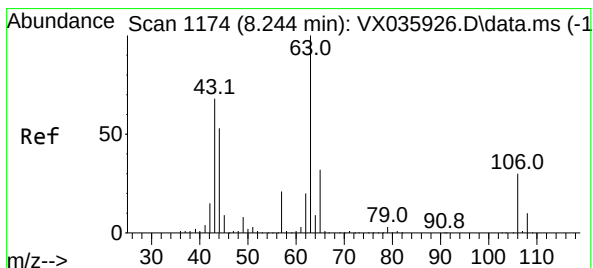
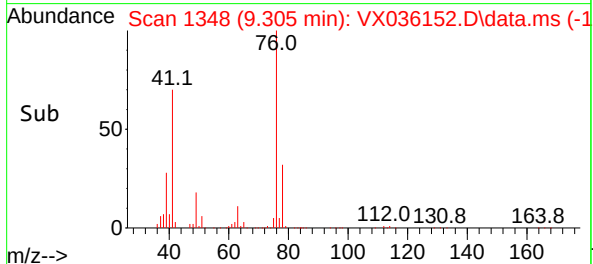
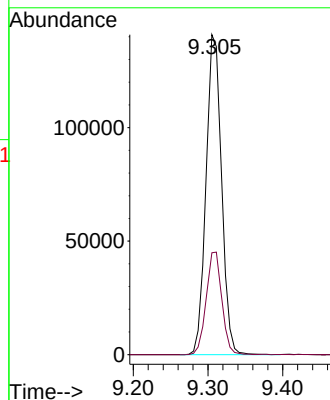
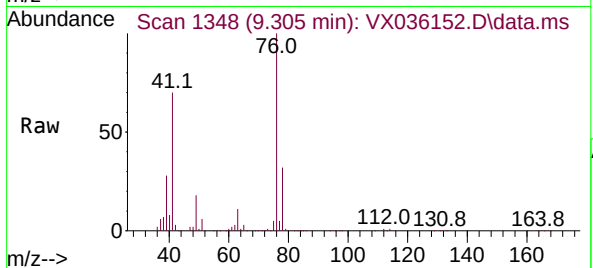
78 32.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 279.990 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036152.D

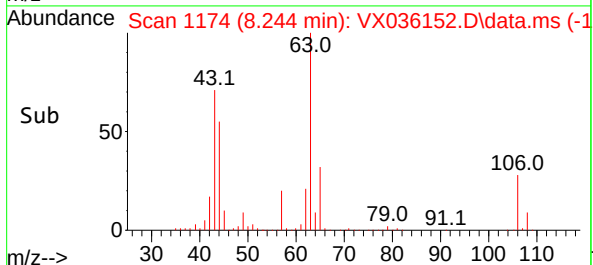
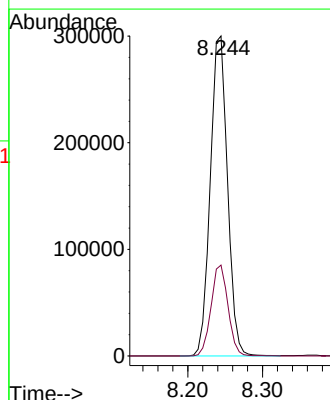
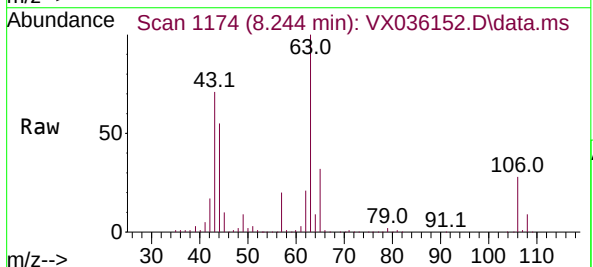
Acq: 13 Jun 2023 18:23

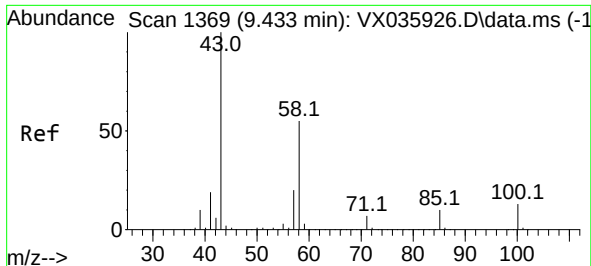
Tgt Ion: 63 Resp: 479781

Ion Ratio Lower Upper

63 100

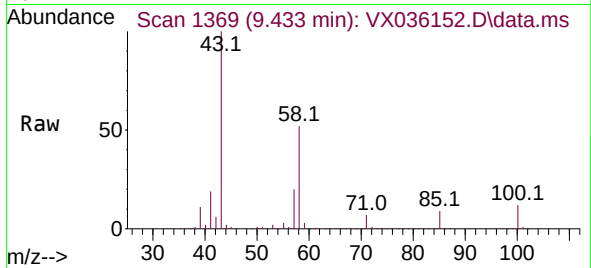
106 28.0 22.3 33.5





#59
2-Hexanone
Concen: 298.808 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

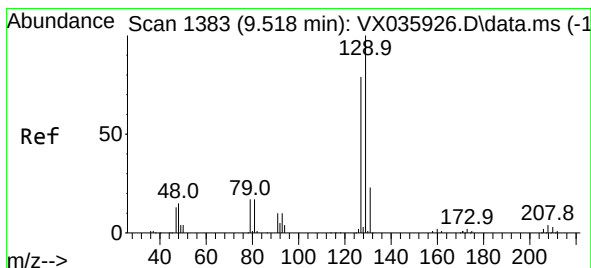
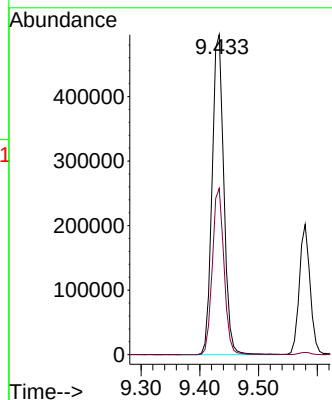
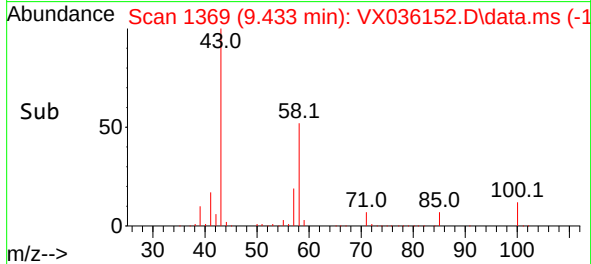
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



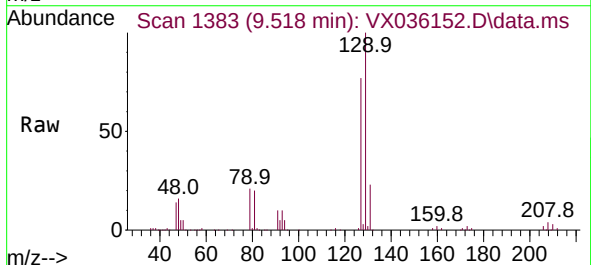
Tgt Ion: 43 Resp: 687074
Ion Ratio Lower Upper
43 100
58 51.9 26.3 78.8

Manual Integrations
APPROVED

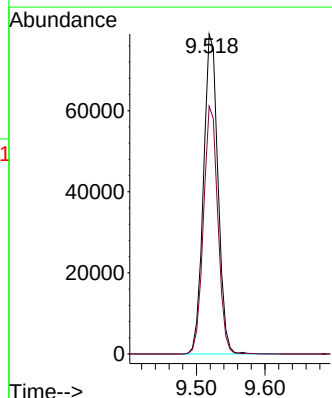
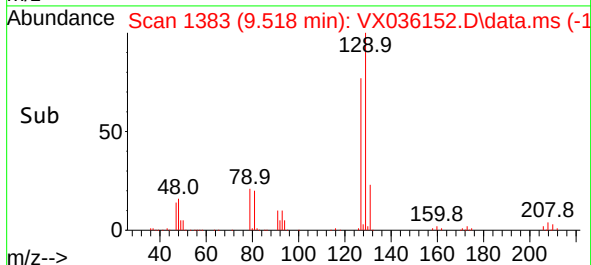
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

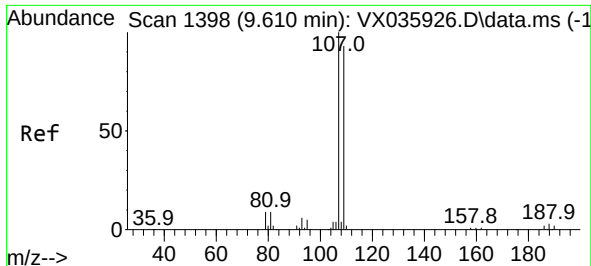


#60
Dibromochloromethane
Concen: 54.739 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23



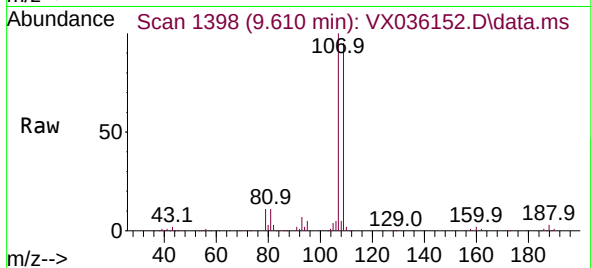
Tgt Ion:129 Resp: 116236
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.1





#61
1,2-Dibromoethane
Concen: 54.204 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

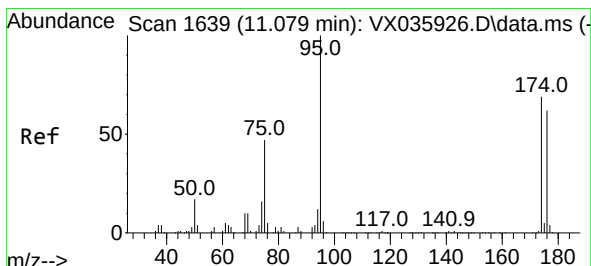
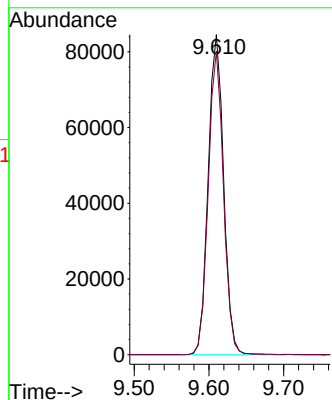
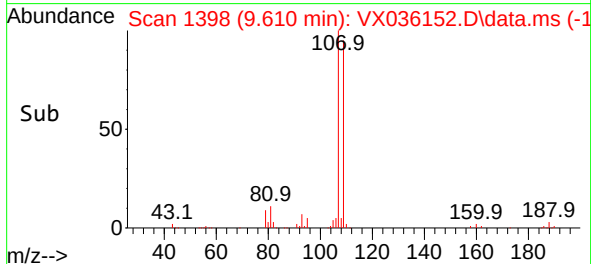
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



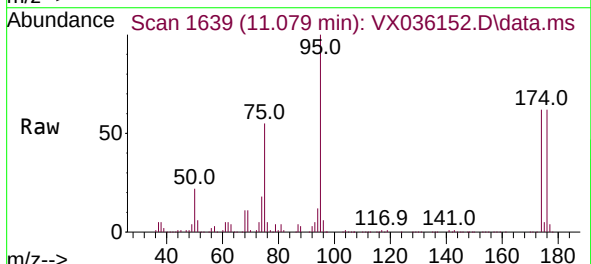
Tgt Ion:107 Resp: 12121
Ion Ratio Lower Upper
107 100
109 93.3 74.8 112.2

Manual Integrations
APPROVED

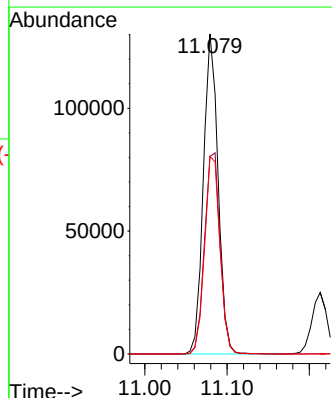
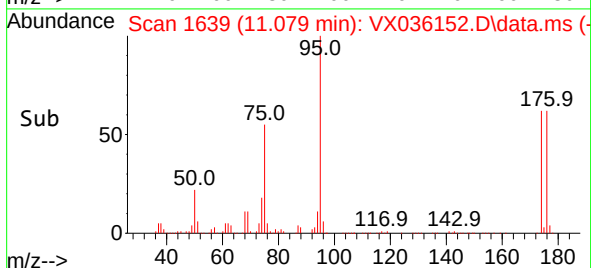
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

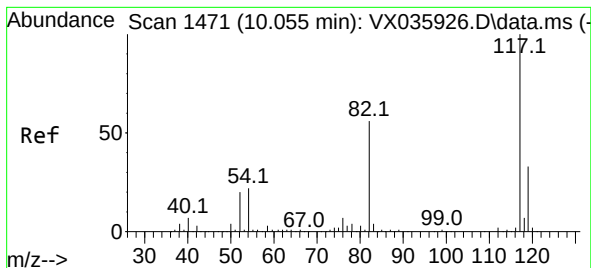


#62
4-Bromofluorobenzene
Concen: 54.550 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23



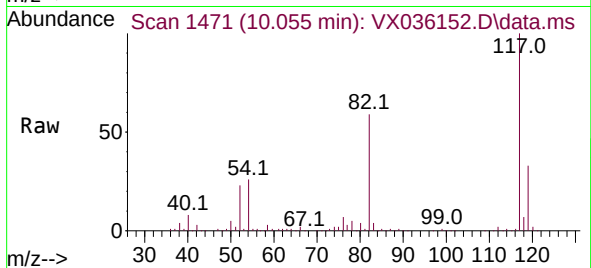
Tgt Ion: 95 Resp: 161278
Ion Ratio Lower Upper
95 100
174 67.0 0.0 132.6
176 64.6 0.0 128.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

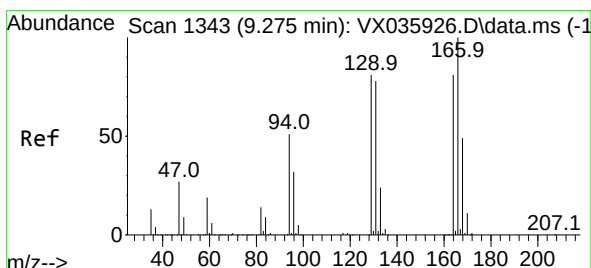
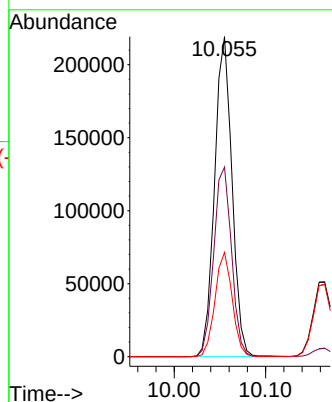
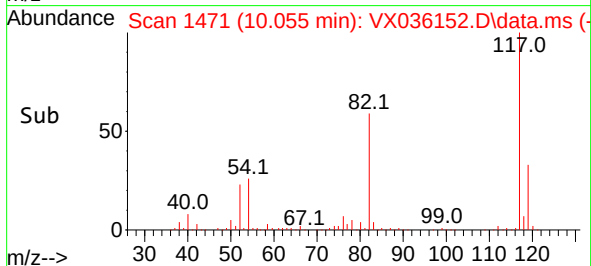
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 290085
Ion Ratio Lower Upper
117 100
82 59.2 46.6 69.8
119 32.6 25.4 38.2

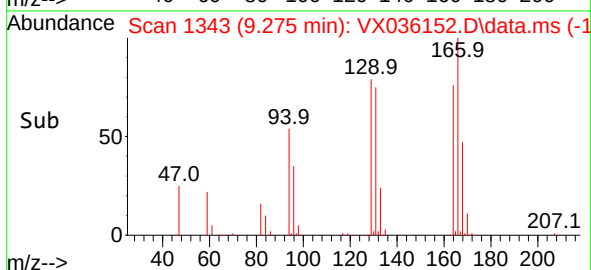
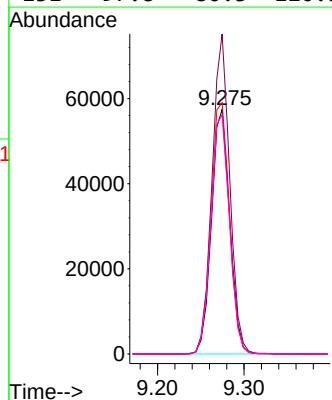
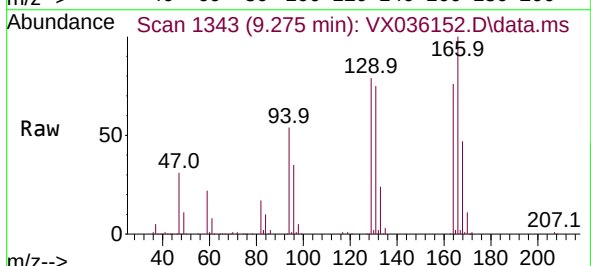
Manual Integrations
APPROVED

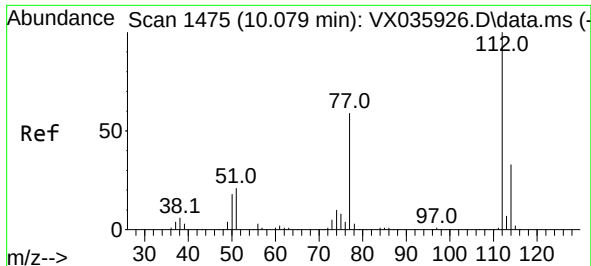
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#64
Tetrachloroethene
Concen: 45.918 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

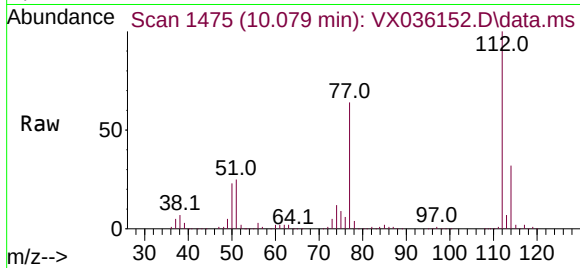
Tgt Ion:164 Resp: 83705
Ion Ratio Lower Upper
164 100
166 130.9 104.4 156.6
129 102.8 82.0 123.0
131 97.8 80.3 120.5





#65
Chlorobenzene
Concen: 48.764 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

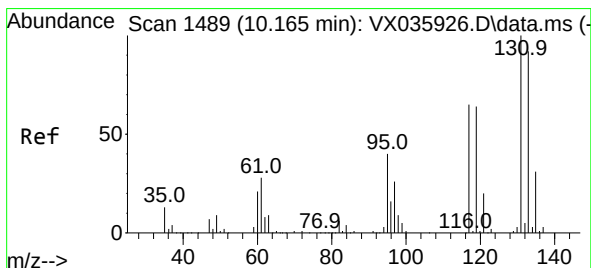
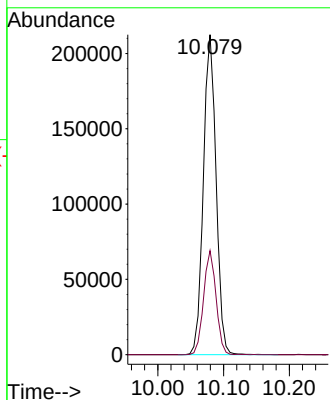
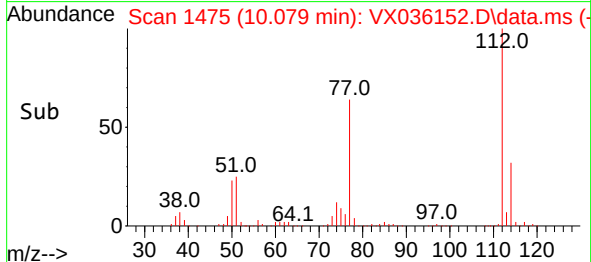
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



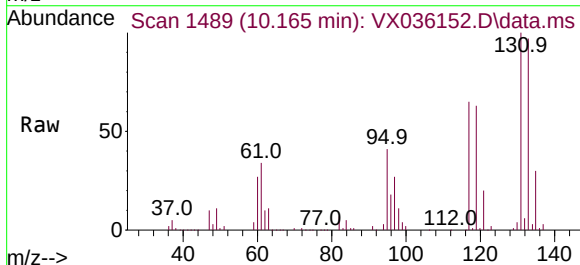
Tgt Ion:112 Resp: 285429
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8

Manual Integrations
APPROVED

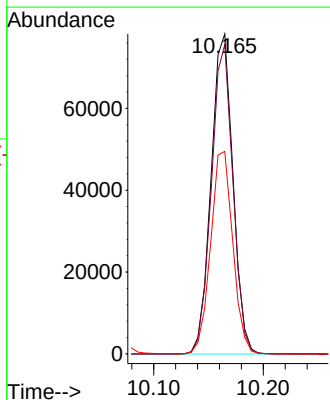
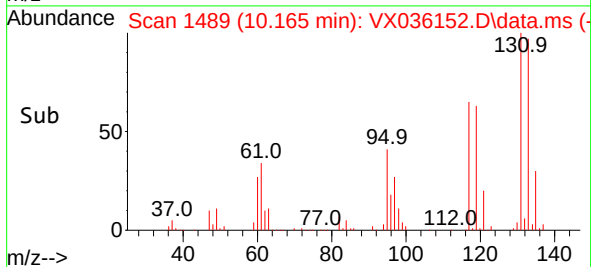
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

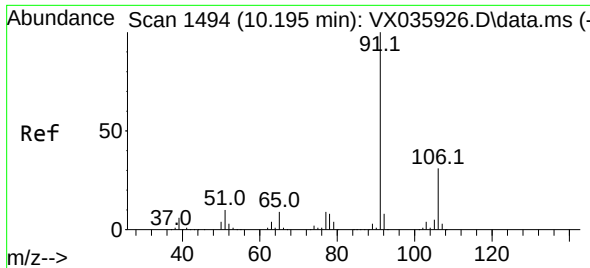


#66
1,1,1,2-Tetrachloroethane
Concen: 52.632 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23



Tgt Ion:131 Resp: 108352
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.3
119 64.3 32.1 96.5





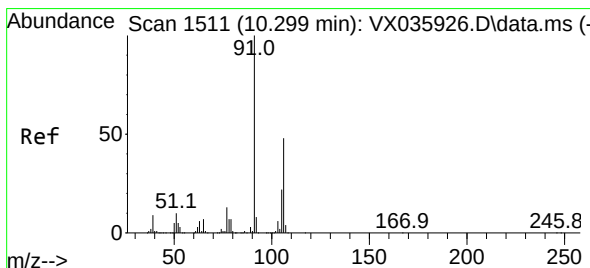
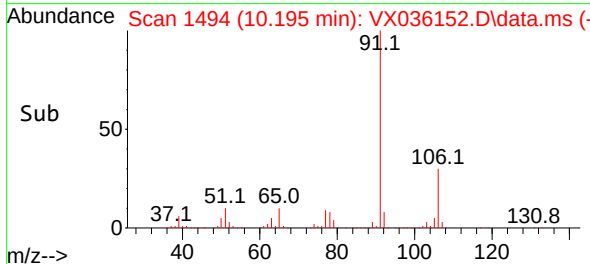
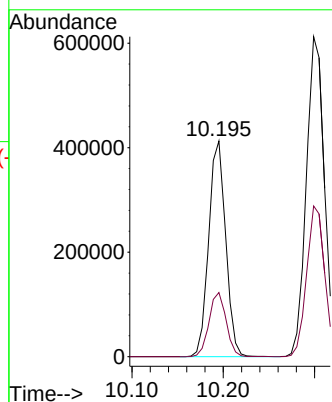
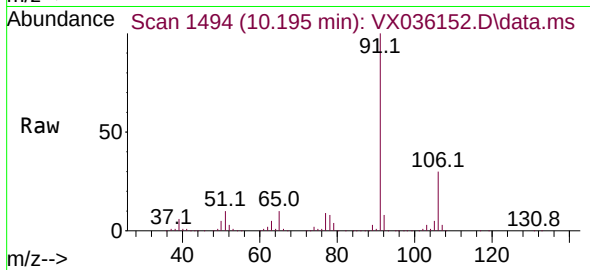
#67
Ethyl Benzene
Concen: 51.036 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 53166
Ion Ratio Lower Upper
91 100
106 29.8 24.6 37.0

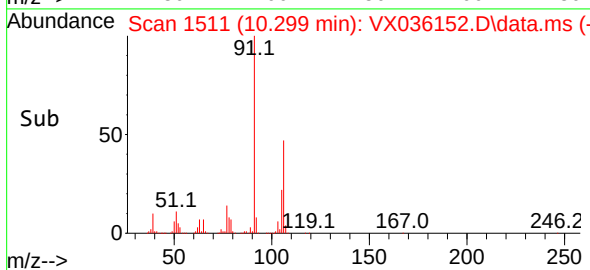
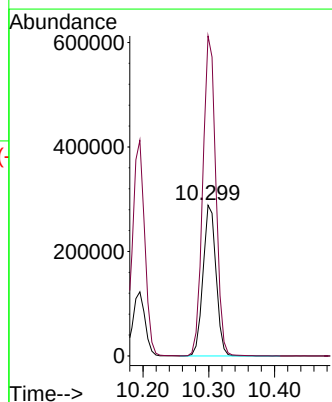
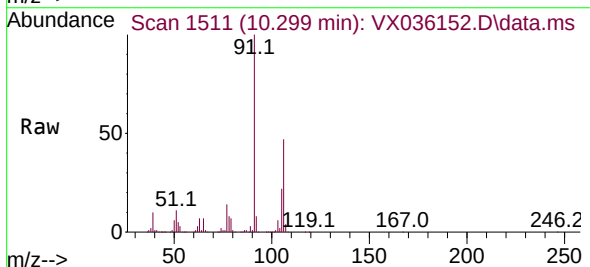
Manual Integrations
APPROVED

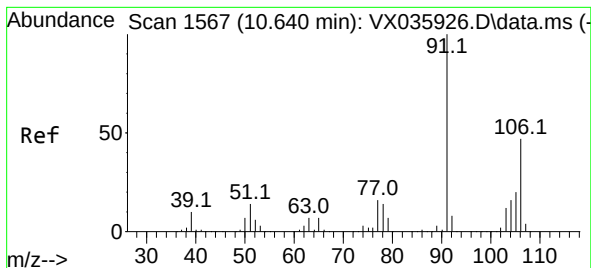
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#68
m/p-Xylenes
Concen: 100.446 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Tgt Ion:106 Resp: 396972
Ion Ratio Lower Upper
106 100
91 212.2 169.8 254.8





#69

o-Xylene

Concen: 50.148 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 199158

Ion Ratio Lower Upper

106 100

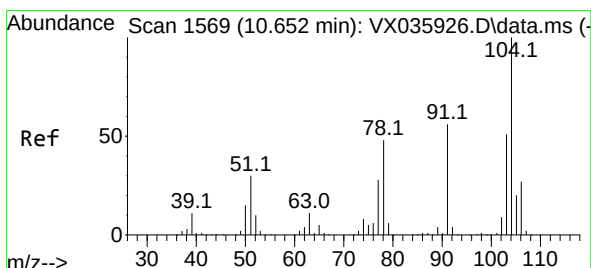
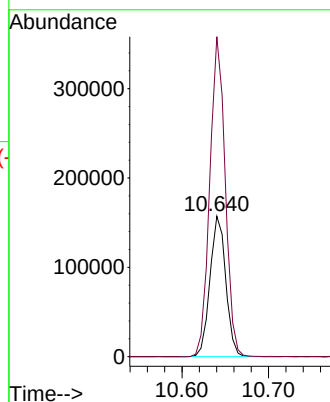
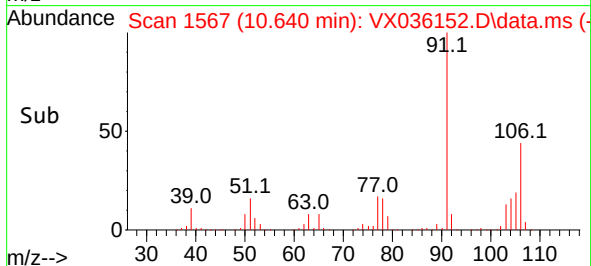
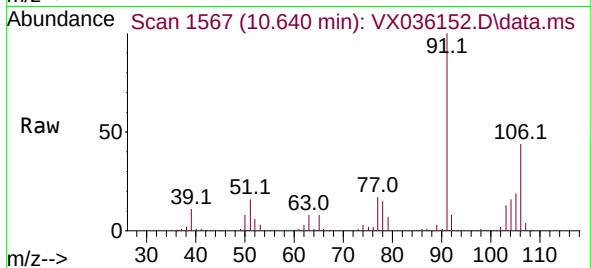
91 222.4 112.5 337.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#70

Styrene

Concen: 52.700 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

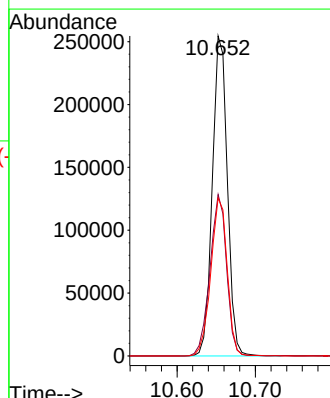
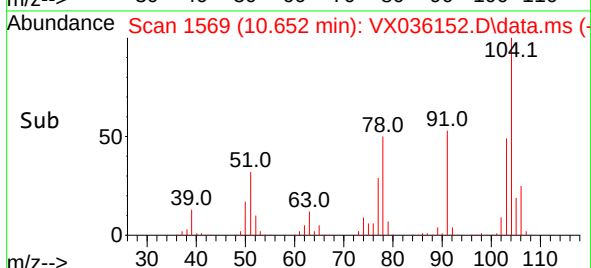
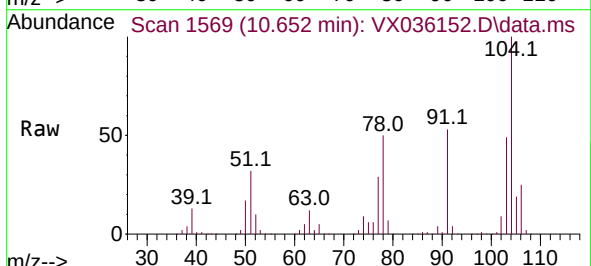
Tgt Ion:104 Resp: 338177

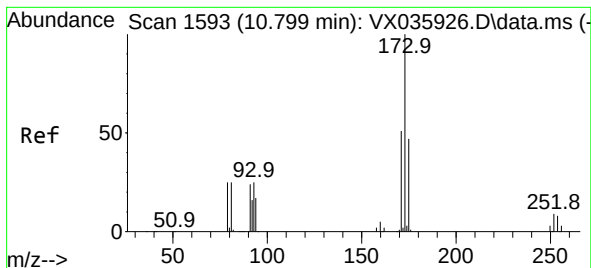
Ion Ratio Lower Upper

104 100

78 55.9 44.7 67.1

103 53.9 44.0 66.0





#71

Bromoform

Concen: 52.540 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

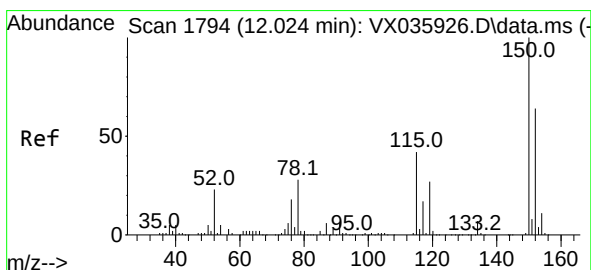
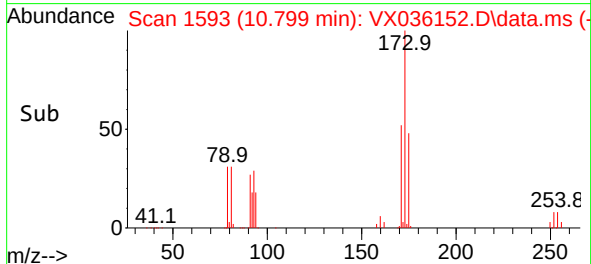
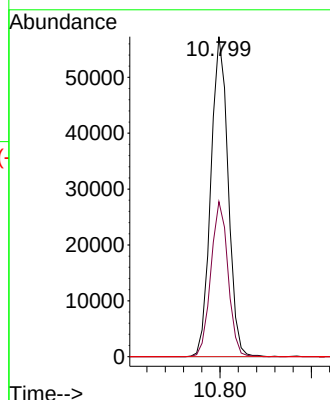
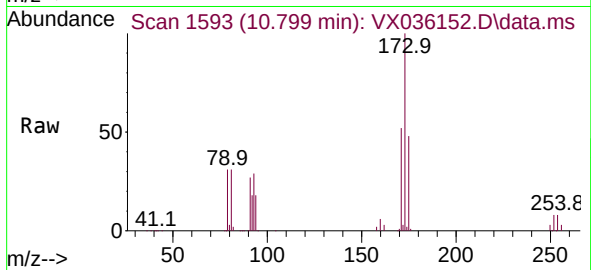
Tgt Ion:	173	Resp:	74909
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.2	72.6
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

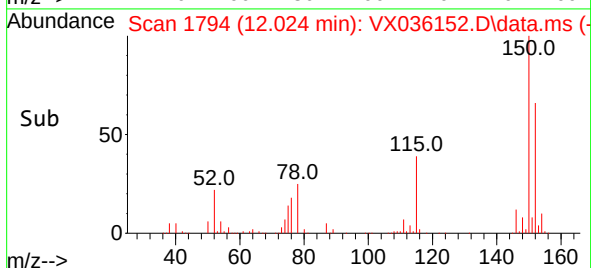
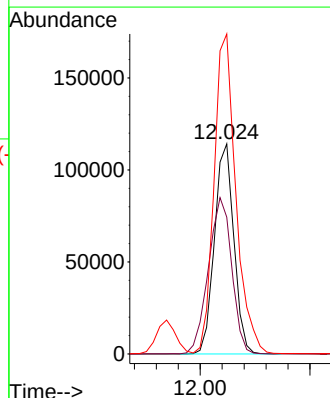
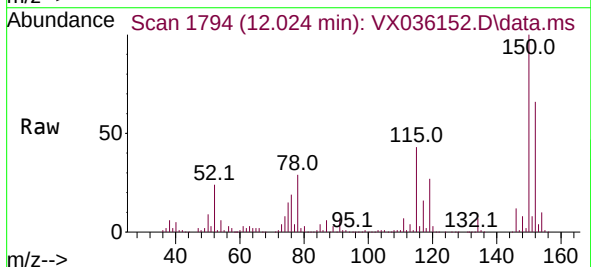
RT: 12.024 min Scan# 1794

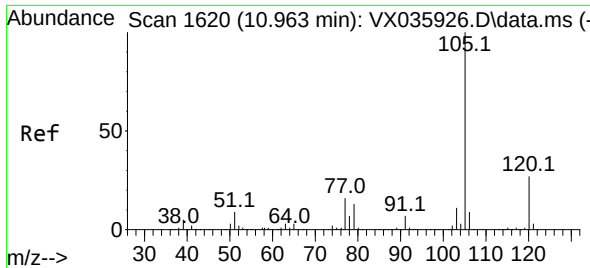
Delta R.T. 0.000 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Tgt Ion:	152	Resp:	140338
Ion Ratio	Lower	Upper	
152	100		
115	89.6	45.5	136.5
150	171.0	0.0	345.2





#73
Isopropylbenzene
Concen: 51.173 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

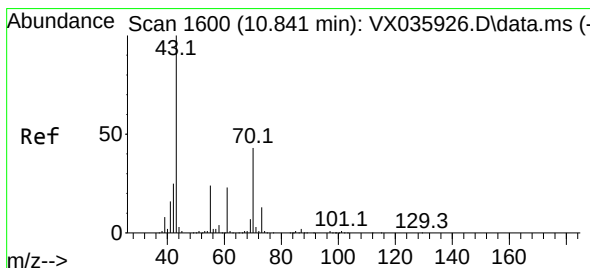
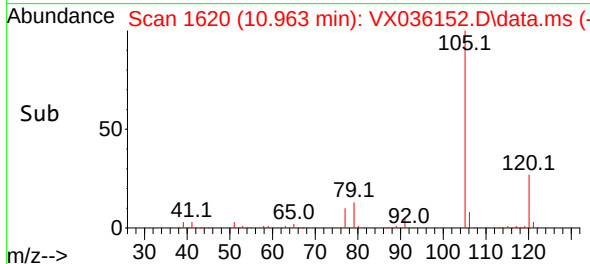
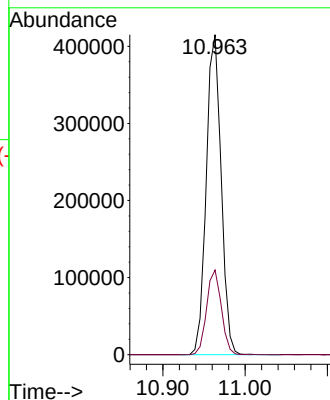
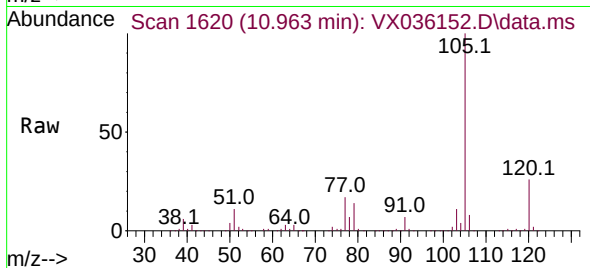
VSTDCCC050EC

Tgt Ion:105 Resp: 52187
Ion Ratio Lower Upper
105 100
120 26.2 12.7 38.0

Manual Integrations

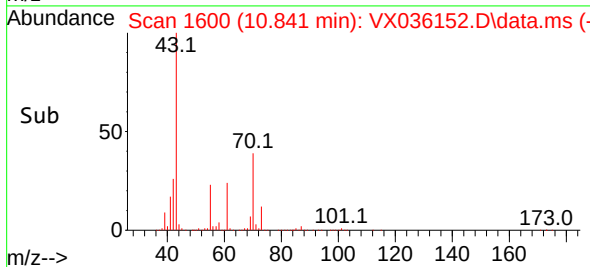
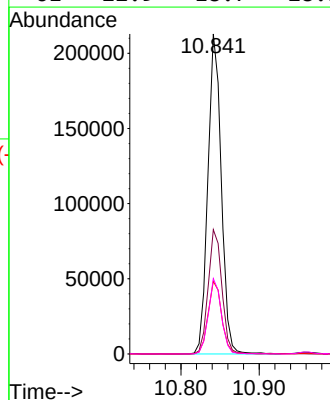
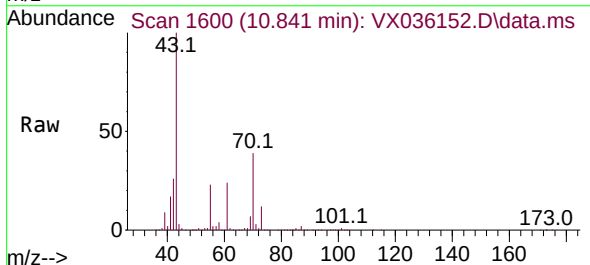
APPROVED

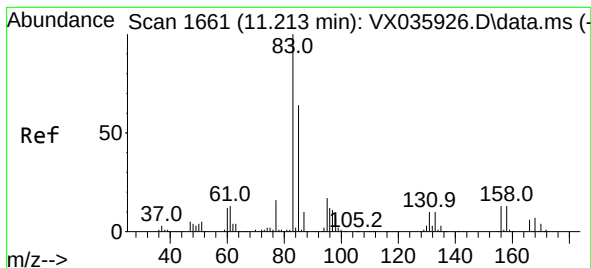
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#74
N-ethyl acetate
Concen: 56.836 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Tgt Ion: 43 Resp: 252642
Ion Ratio Lower Upper
43 100
70 39.6 32.6 48.8
55 23.0 19.0 28.4
61 22.9 18.7 28.1





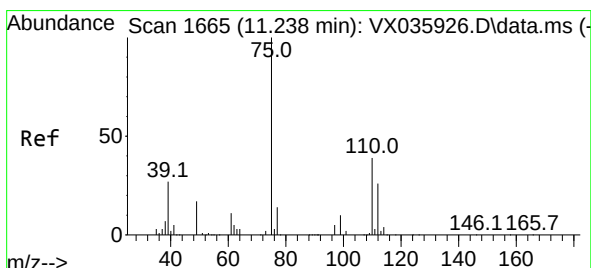
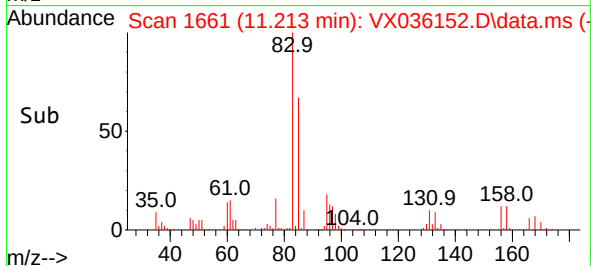
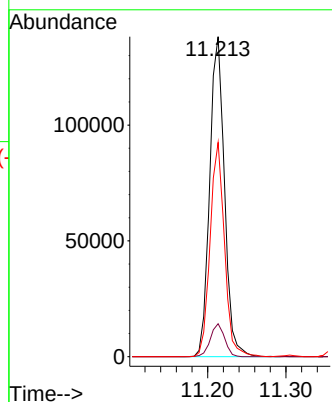
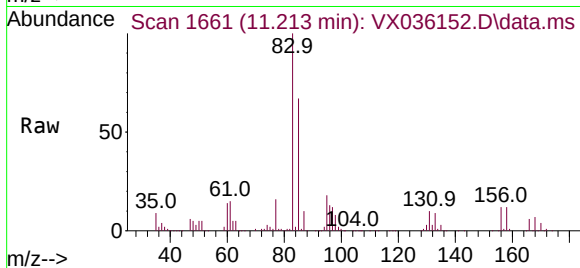
#75
1,1,2,2-Tetrachloroethane
Concen: 51.809 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 180735
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 65.2 32.4 97.0

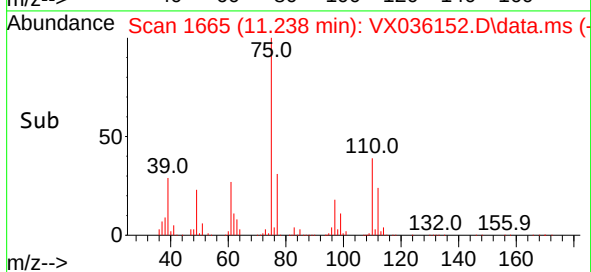
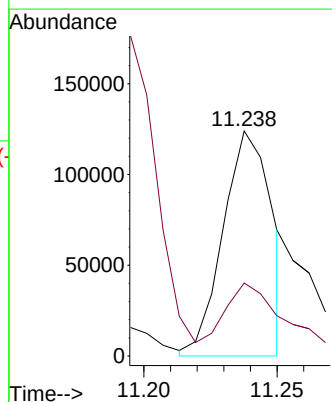
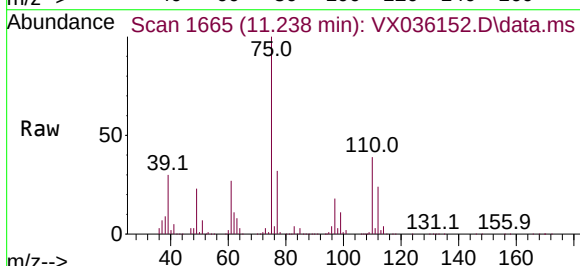
Manual Integrations
APPROVED

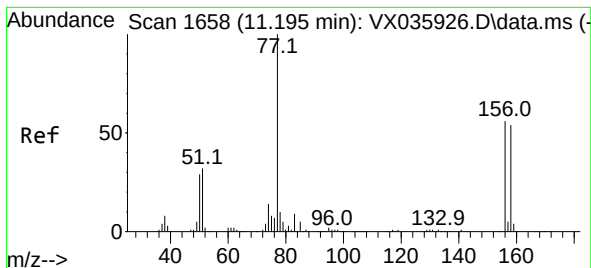
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#76
1,2,3-Trichloropropane
Concen: 49.853 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Tgt Ion: 75 Resp: 157796
Ion Ratio Lower Upper
75 100
77 41.7 21.4 64.2





#77

Bromobenzene

Concen: 47.298 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 11928

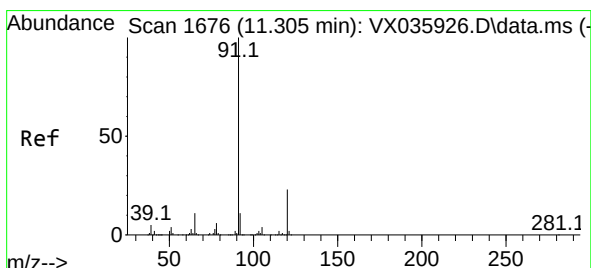
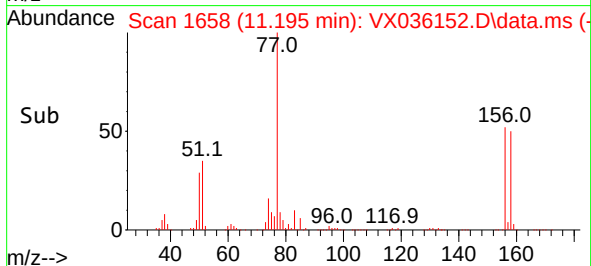
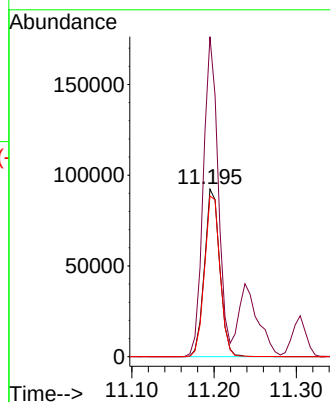
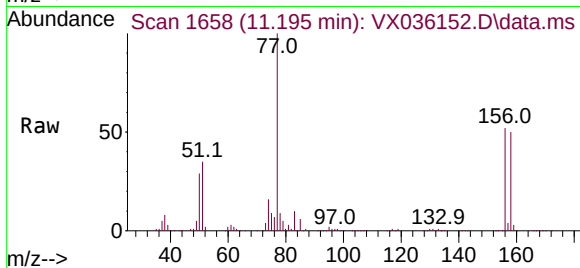
Ion	Ratio	Lower	Upper
156	100		
77	185.6	90.8	272.3
158	97.3	47.4	142.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#78

n-propylbenzene

Concen: 53.281 ug/l

RT: 11.305 min Scan# 1676

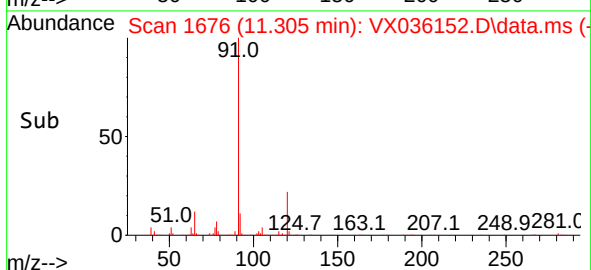
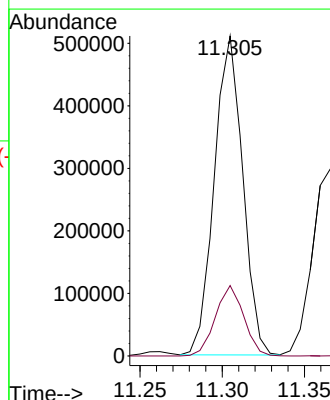
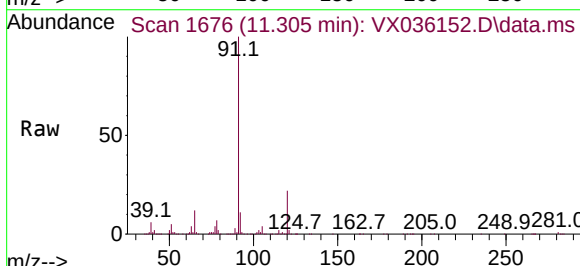
Delta R.T. -0.000 min

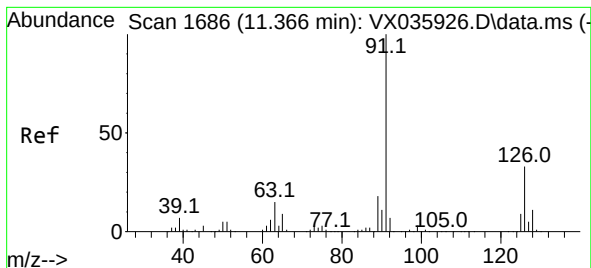
Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Tgt Ion: 91 Resp: 613282

Ion	Ratio	Lower	Upper
91	100		
120	22.0	10.9	32.9





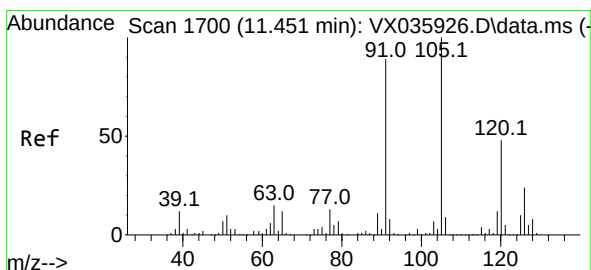
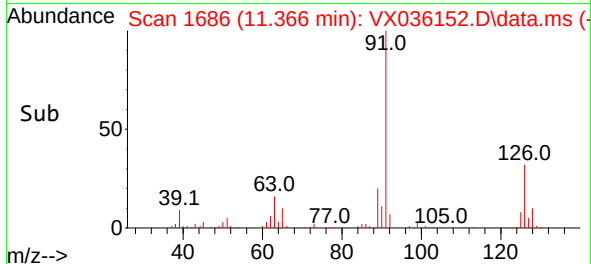
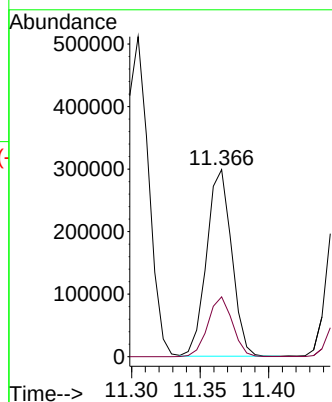
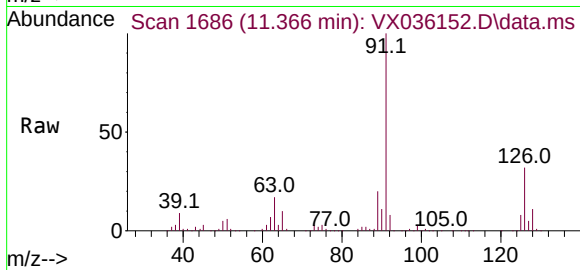
#79
2-Chlorotoluene
Concen: 50.690 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 37998
Ion Ratio Lower Upper
91 100
126 31.4 15.8 47.4

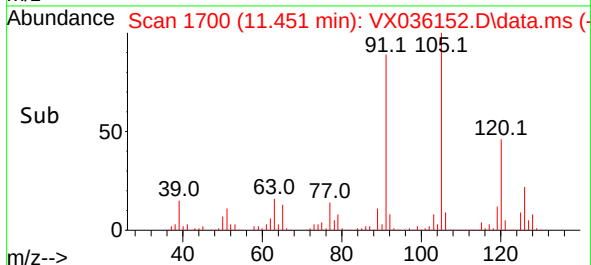
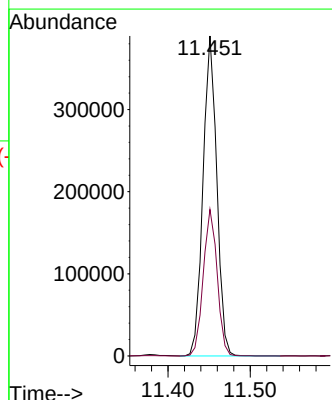
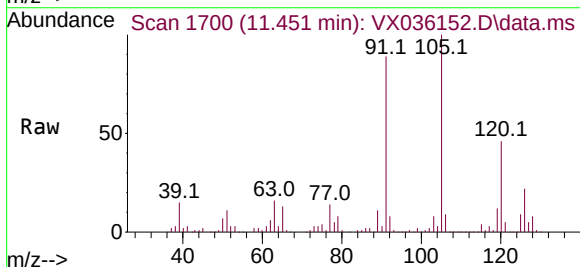
Manual Integrations
APPROVED

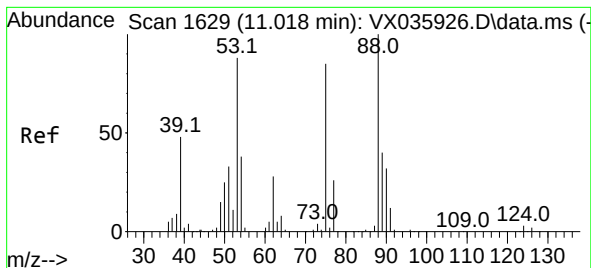
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.606 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Tgt Ion:105 Resp: 452312
Ion Ratio Lower Upper
105 100
120 46.3 23.8 71.4





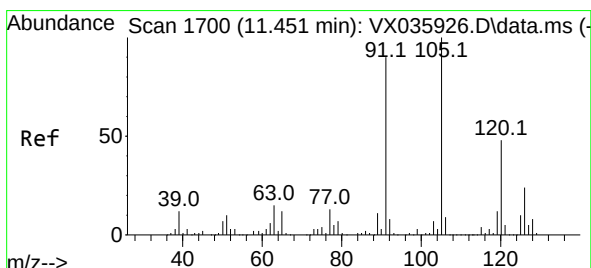
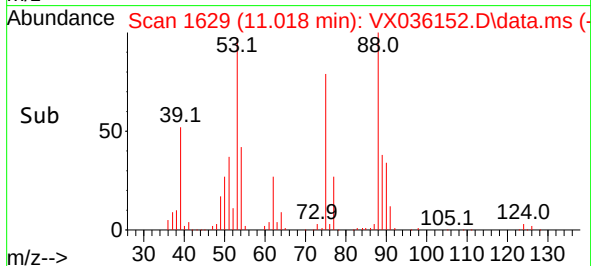
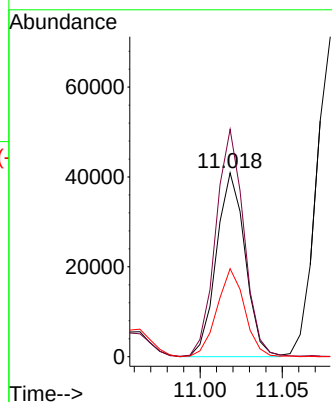
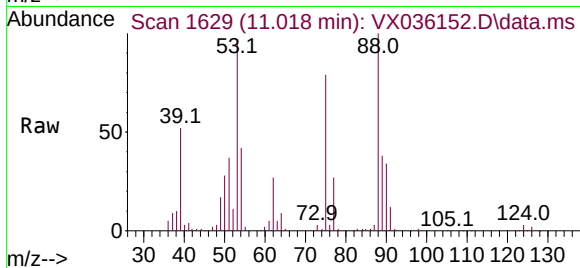
#81
trans-1,4-Dichloro-2-butene
Concen: 52.920 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 49729
Ion Ratio Lower Upper
75 100
53 121.1 95.2 142.8
89 46.1 38.0 57.0

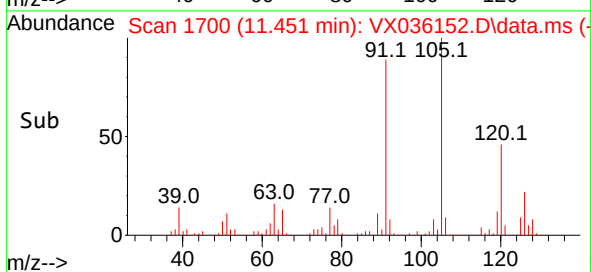
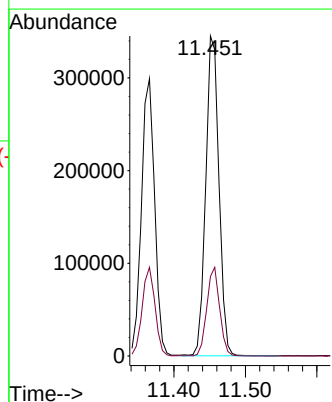
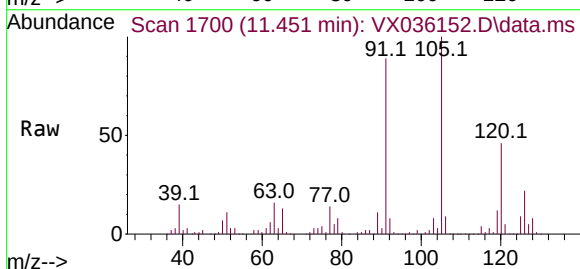
Manual Integrations
APPROVED

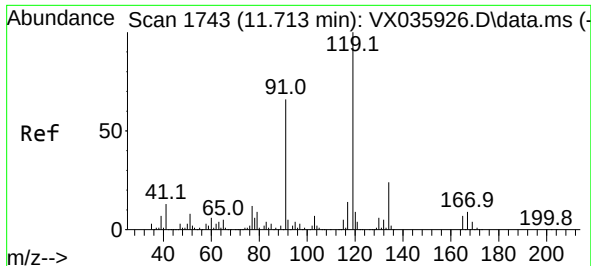
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#82
4-Chlorotoluene
Concen: 51.468 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

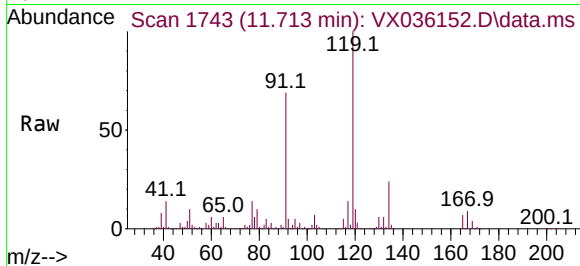
Tgt Ion: 91 Resp: 442820
Ion Ratio Lower Upper
91 100
126 27.0 13.7 41.0





#83
tert-Butylbenzene
Concen: 51.707 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

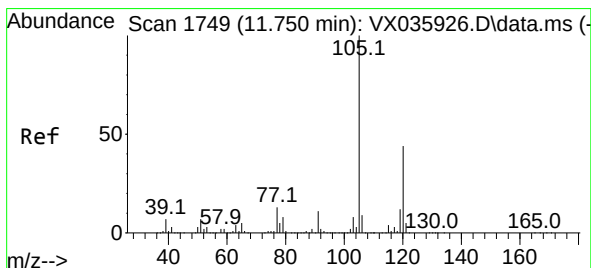
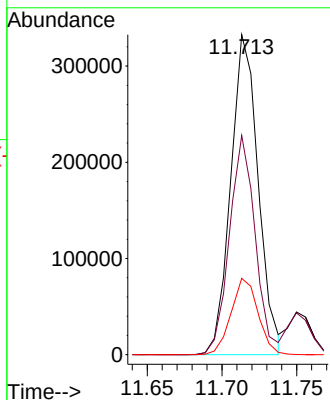
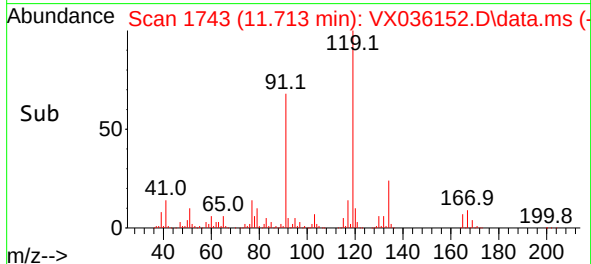
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



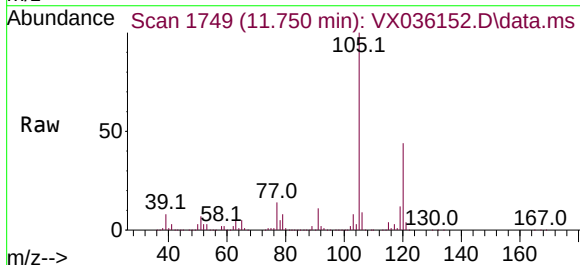
Tgt Ion:119 Resp: 424730
Ion Ratio Lower Upper
119 100
91 64.3 32.4 97.0
134 23.5 11.6 34.8

Manual Integrations
APPROVED

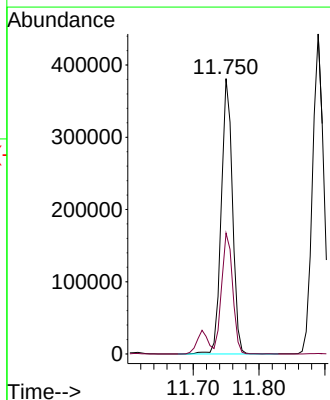
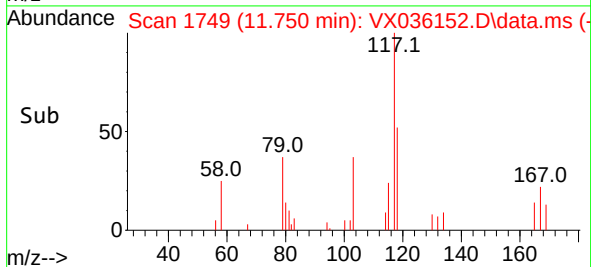
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

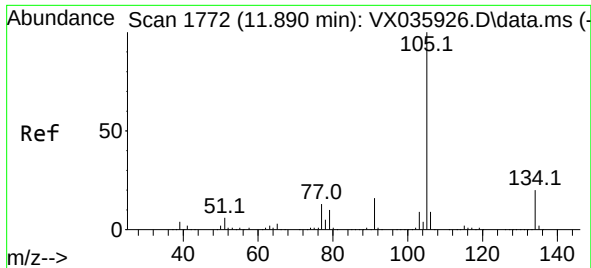


#84
1,2,4-Trimethylbenzene
Concen: 51.005 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23



Tgt Ion:105 Resp: 450067
Ion Ratio Lower Upper
105 100
120 43.4 21.6 64.8





#85
 sec-Butylbenzene
 Concen: 53.753 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036152.D
 Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

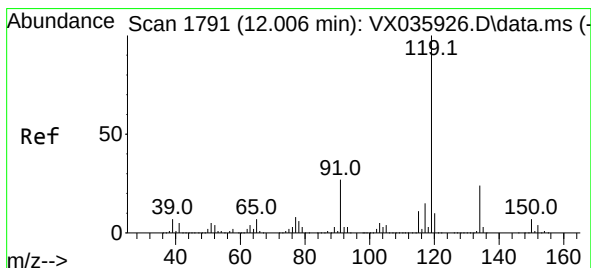
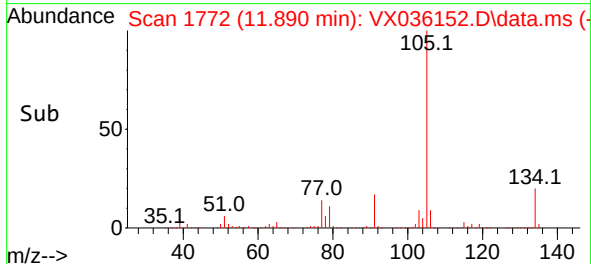
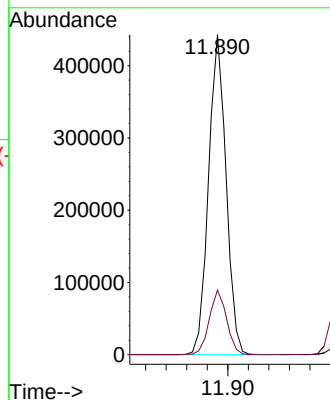
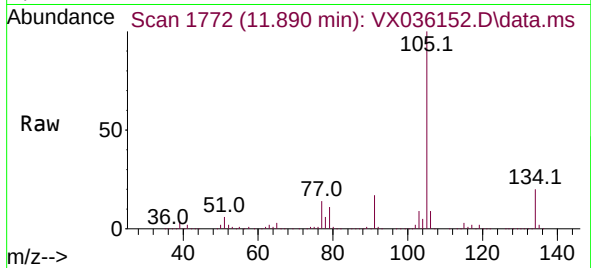
VSTDCCC050EC

Tgt Ion:105 Resp: 523730
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 28.9

Manual Integrations

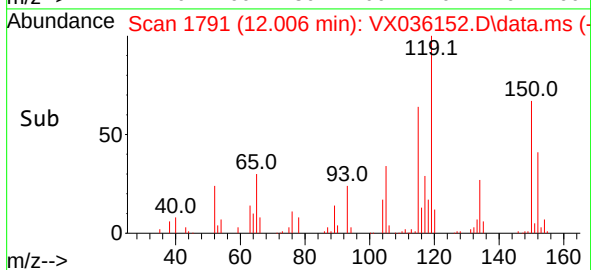
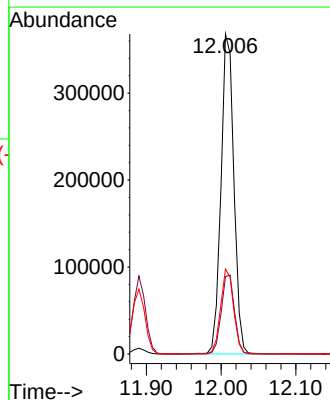
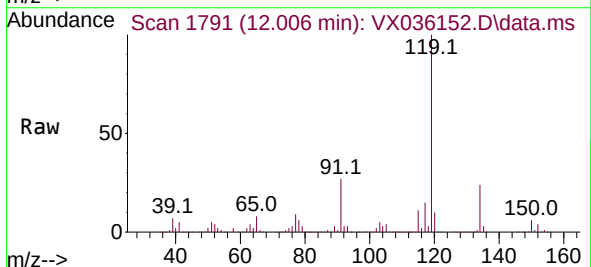
APPROVED

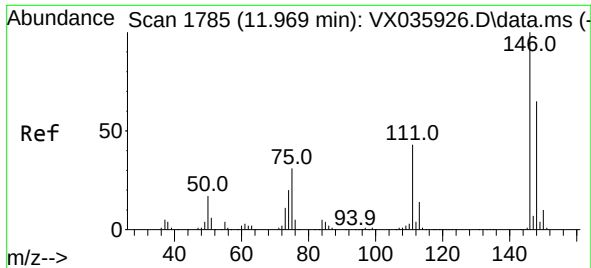
Reviewed By :John Carlone 06/14/2023
 Supervised By :Mahesh Dadoda 06/14/2023



#86
 p-Isopropyltoluene
 Concen: 52.930 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX036152.D
 Acq: 13 Jun 2023 18:23

Tgt Ion:119 Resp: 440916
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 26.5 13.5 40.5





#87

1,3-Dichlorobenzene

Concen: 48.329 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 223268

Ion Ratio Lower Upper

146 100

111 44.7 22.6 67.7

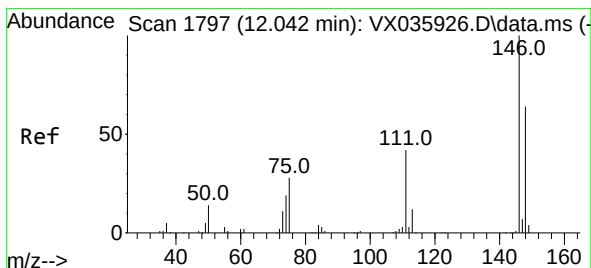
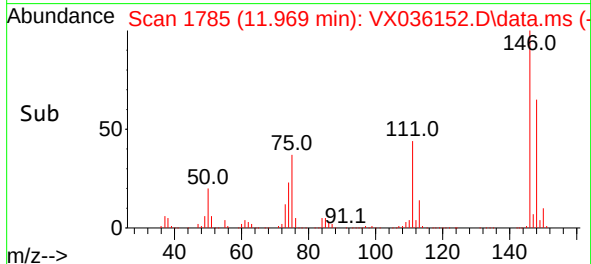
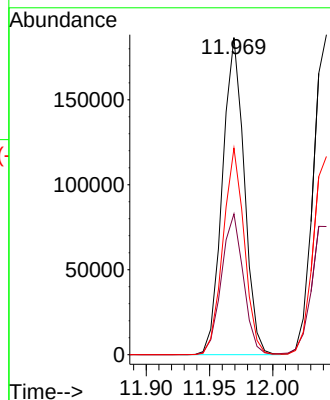
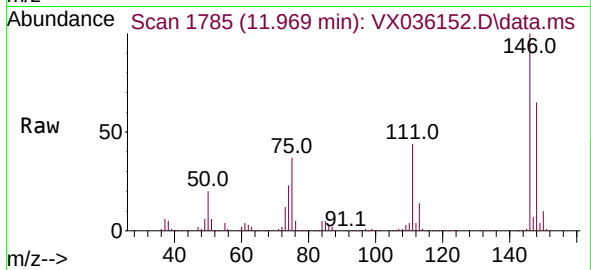
148 63.6 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#88

1,4-Dichlorobenzene

Concen: 46.614 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

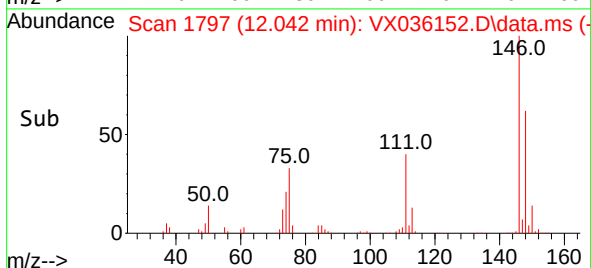
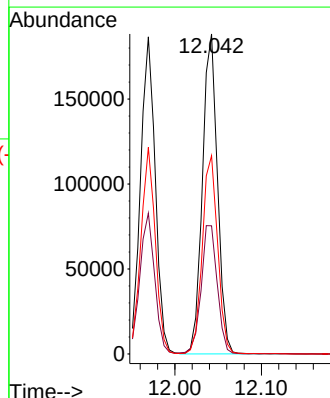
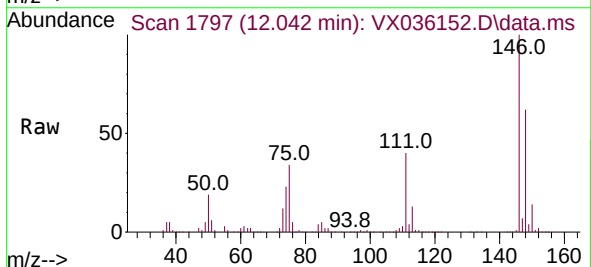
Tgt Ion:146 Resp: 226851

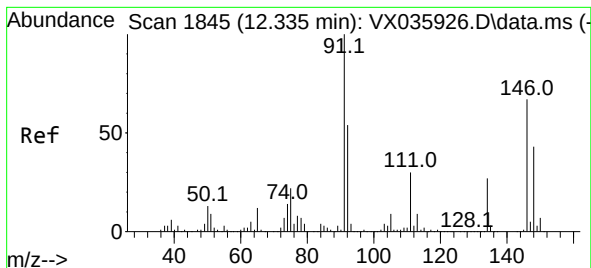
Ion Ratio Lower Upper

146 100

111 43.0 21.8 65.3

148 63.2 31.9 95.7





#89

n-Butylbenzene

Concen: 54.884 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 38624

Ion Ratio Lower Upper

91 100

92 53.8 27.3 81.8

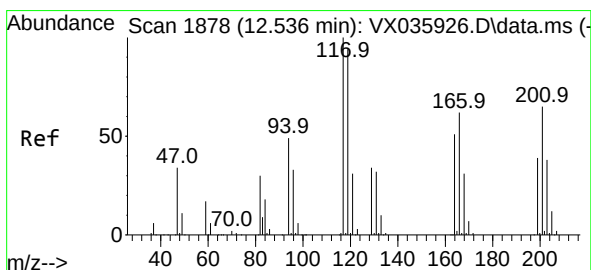
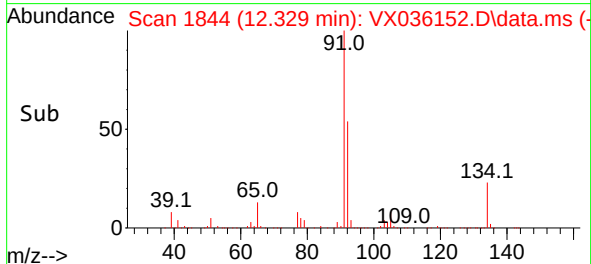
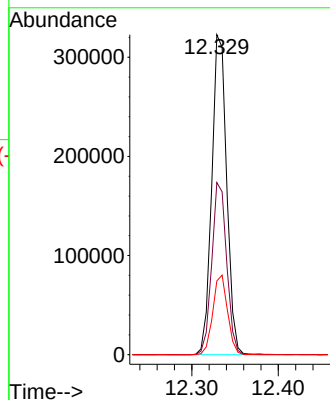
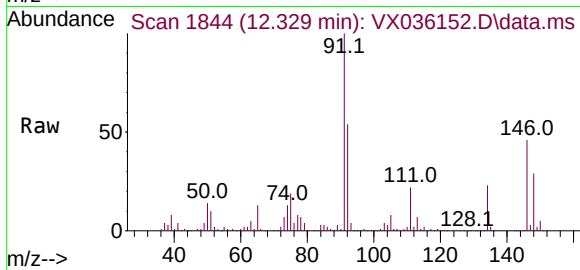
134 24.6 12.4 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#90

Hexachloroethane

Concen: 52.884 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036152.D

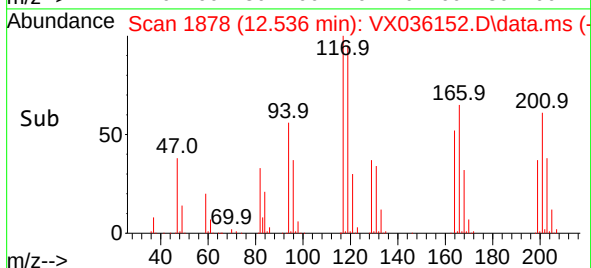
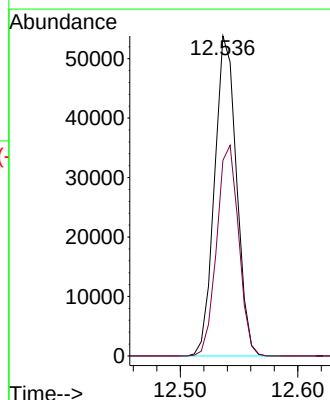
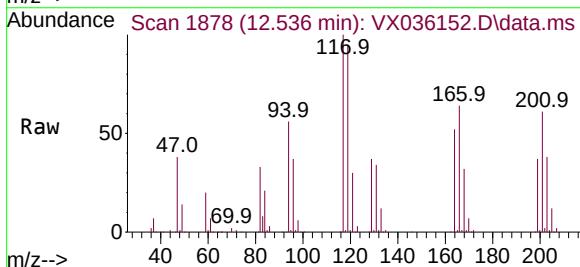
Acq: 13 Jun 2023 18:23

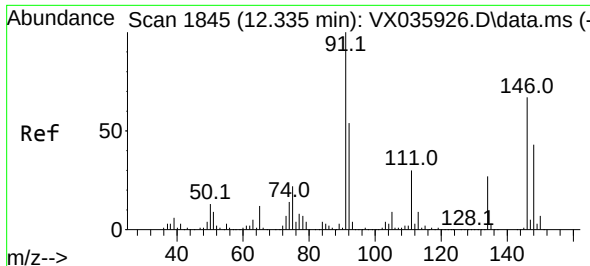
Tgt Ion:117 Resp: 69858

Ion Ratio Lower Upper

117 100

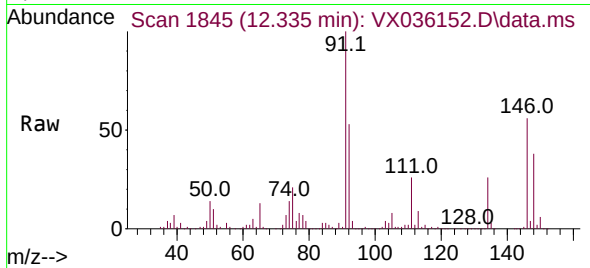
201 65.9 32.7 98.1





#91
1,2-Dichlorobenzene
Concen: 47.483 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

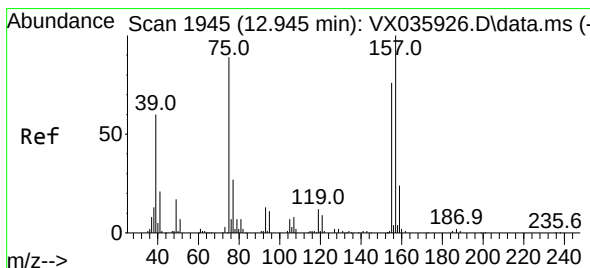
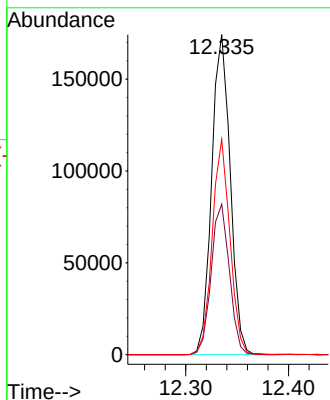
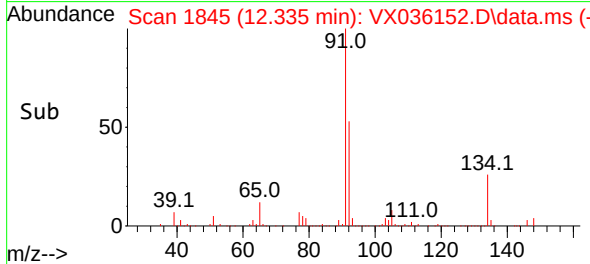
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



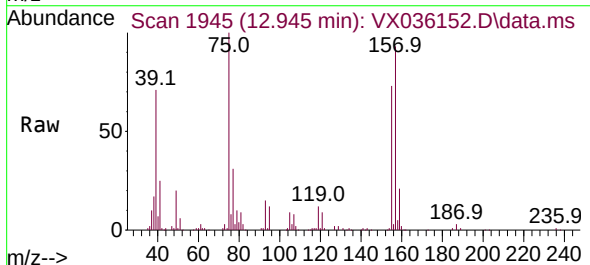
Tgt Ion:146 Resp: 21836
Ion Ratio Lower Upper
146 100
111 46.2 23.3 69.9
148 64.1 31.9 95.7

Manual Integrations
APPROVED

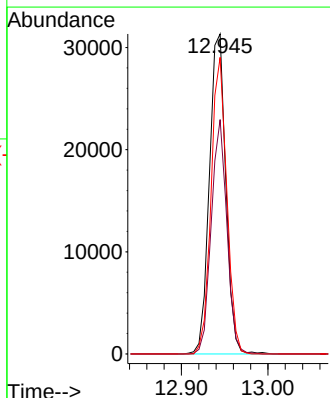
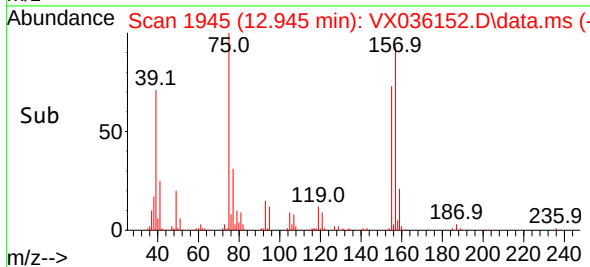
Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023

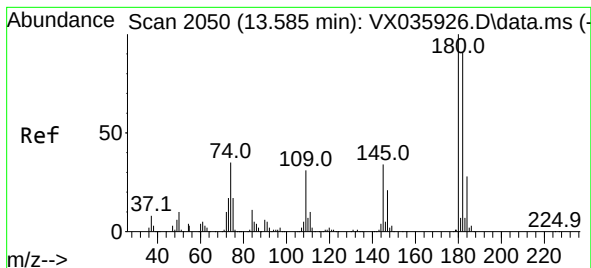


#92
1,2-Dibromo-3-Chloropropane
Concen: 57.329 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23



Tgt Ion: 75 Resp: 41273
Ion Ratio Lower Upper
75 100
155 69.6 35.3 105.7
157 88.4 45.6 136.8





#93

1,2,4-Trichlorobenzene

Concen: 47.238 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 126420

Ion Ratio Lower Upper

180 100

182 93.6 47.3 141.8

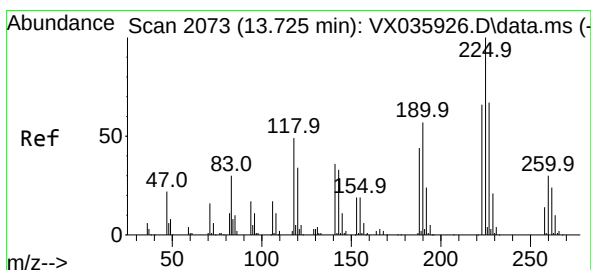
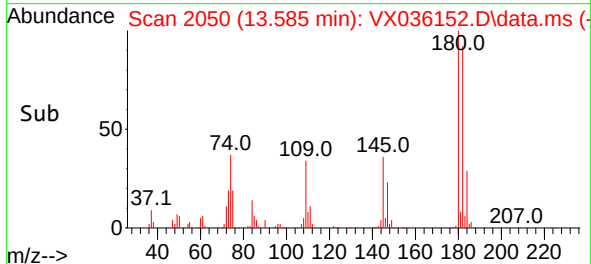
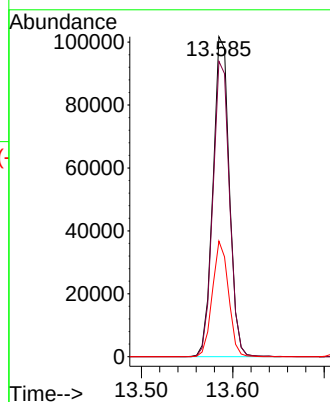
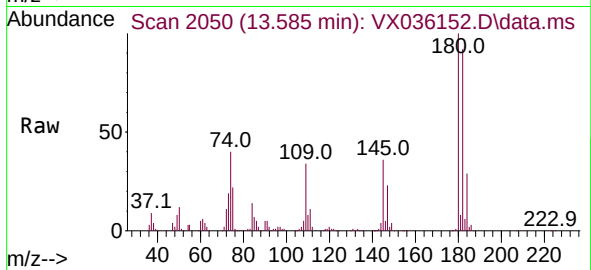
145 35.5 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2023

Supervised By :Mahesh Dadoda 06/14/2023



#94

Hexachlorobutadiene

Concen: 47.733 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036152.D

Acq: 13 Jun 2023 18:23

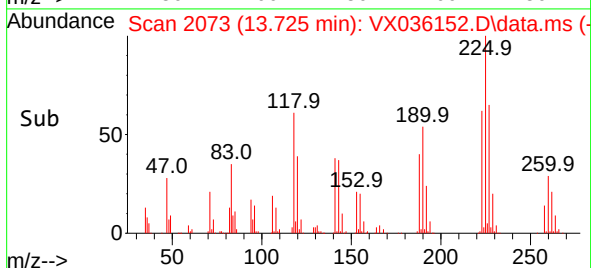
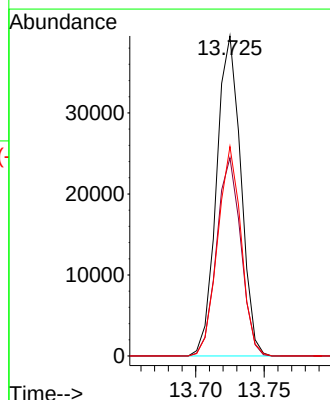
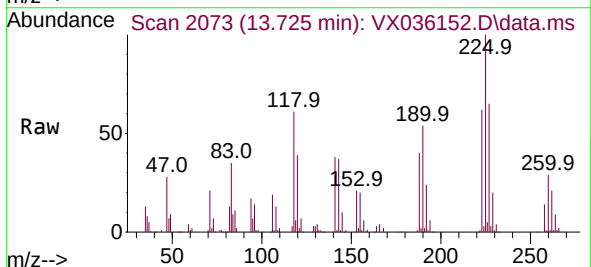
Tgt Ion:225 Resp: 48595

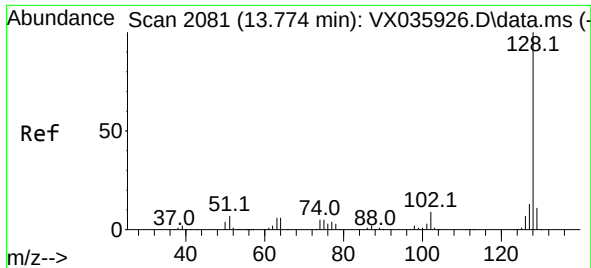
Ion Ratio Lower Upper

225 100

223 61.9 32.6 97.7

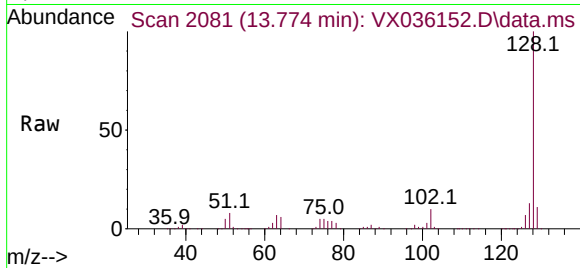
227 63.3 31.9 95.7





#95
Naphthalene
Concen: 51.147 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23

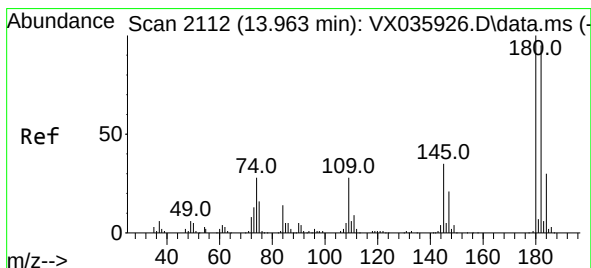
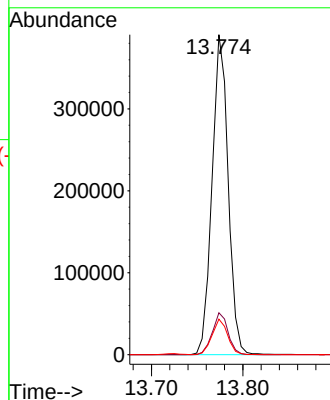
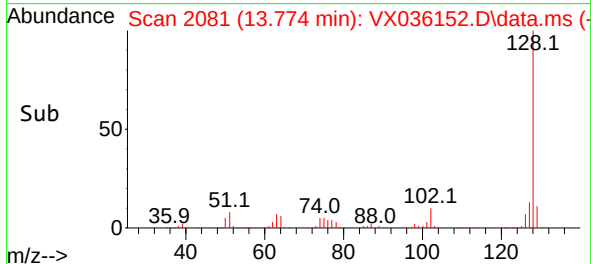
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



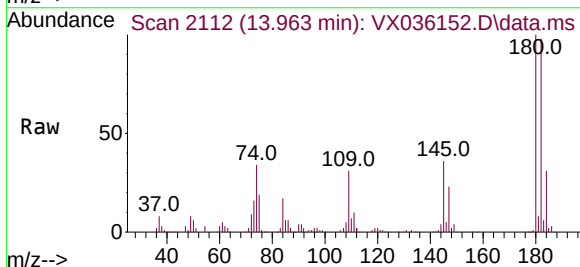
Tgt Ion:128 Resp: 476424
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/14/2023
Supervised By :Mahesh Dadoda 06/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.922 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036152.D
Acq: 13 Jun 2023 18:23



Tgt Ion:180 Resp: 126510
Ion Ratio Lower Upper
180 100
182 96.7 46.9 140.7
145 36.9 18.1 54.3

