

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
 Data File : VX042016.D
 Acq On : 24 Jun 2024 19:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2024
 Supervised By : Mahesh Dadoda 06/25/2024

Quant Time: Jun 25 06:16:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	174368	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	254801	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94365	46.932	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.860%		
35) Dibromofluoromethane	5.385	113	87606	48.456	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.920%		
50) Toluene-d8	8.647	98	306502	48.257	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.520%		
62) 4-Bromofluorobenzene	11.079	95	117148	50.036	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.080%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	60509	45.550	ug/l	99
3) Chloromethane	1.300	50	69856	41.917	ug/l	94
4) Vinyl Chloride	1.374	62	74507	44.601	ug/l	100
5) Bromomethane	1.593	94	40454	49.040	ug/l	98
6) Chloroethane	1.666	64	43934	64.137	ug/l	98
7) Trichlorofluoromethane	1.867	101	119532	54.614	ug/l	99
8) Diethyl Ether	2.136	74	49775	48.448	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.319	101	75190	49.871	ug/l	87
10) Methyl Iodide	2.440	142	105911	56.518	ug/l #	85
11) Tert butyl alcohol	2.995	59	93632	245.371	ug/l #	91
12) 1,1-Dichloroethene	2.306	96	72819	48.419	ug/l	85
13) Acrolein	2.239	56	85611	200.143	ug/l	96
14) Allyl chloride	2.660	41	117628	49.317	ug/l	87
15) Acrylonitrile	3.068	53	262470	263.333	ug/l	99
16) Acetone	2.392	43	213252	241.538	ug/l	90
17) Carbon Disulfide	2.501	76	124608	40.635	ug/l	99
18) Methyl Acetate	2.709	43	137974	57.287	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	261978	52.727	ug/l	99
20) Methylene Chloride	2.788	84	88685	45.874	ug/l	89
21) trans-1,2-Dichloroethene	3.087	96	72629	47.583	ug/l	86
22) Diisopropyl ether	3.763	45	263088	52.183	ug/l	88
23) Vinyl Acetate	3.721	43	1118154	259.697	ug/l #	95
24) 1,1-Dichloroethane	3.605	63	145964	51.699	ug/l	97
25) 2-Butanone	4.568	43	355010	258.459	ug/l	93
26) 2,2-Dichloropropane	4.477	77	96553	47.225	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	97132	50.809	ug/l	86
28) Bromochloromethane	4.897	49	61155	50.572	ug/l #	74
29) Tetrahydrofuran	5.013	42	230490	259.826	ug/l	94
30) Chloroform	5.092	83	154962	52.683	ug/l	99
31) Cyclohexane	5.464	56	109449	46.545	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	129107	52.529	ug/l	96
36) 1,1-Dichloropropene	5.690	75	92800	48.337	ug/l	94
37) Ethyl Acetate	4.721	43	131585	52.615	ug/l	98
38) Carbon Tetrachloride	5.672	117	108363	51.085	ug/l	98
39) Methylcyclohexane	7.379	83	114783	47.274	ug/l	90
40) Benzene	6.037	78	324327	50.089	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	74809	55.182	ug/l	91
42) 1,2-Dichloroethane	6.086	62	107293	51.443	ug/l	92
43) Isopropyl Acetate	6.348	43	198174	51.624	ug/l	95
44) Trichloroethene	7.123	130	86500	49.838	ug/l	90
45) 1,2-Dichloropropane	7.433	63	82920	52.082	ug/l	98
46) Dibromomethane	7.580	93	59931	51.663	ug/l #	77
47) Bromodichloromethane	7.824	83	114486	53.754	ug/l	96
48) Methyl methacrylate	7.696	41	98956	54.014	ug/l	86
49) 1,4-Dioxane	7.665	88	48212	994.666	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	708289	267.854	ug/l	95
52) Toluene	8.720	92	211319	51.251	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	111242	49.407	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	124720	53.487	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	91637	53.350	ug/l	97
56) Ethyl methacrylate	9.116	69	145263	54.361	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	146578	52.819	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	334015	268.228	ug/l	94
59) 2-Hexanone	9.433	43	544979	269.084	ug/l	92
60) Dibromochloromethane	9.525	129	103040	55.226	ug/l	99
61) 1,2-Dibromoethane	9.610	107	94650	53.134	ug/l	100
64) Tetrachloroethene	9.275	164	82218	48.050	ug/l	90
65) Chlorobenzene	10.079	112	249354	51.018	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	92352	53.969	ug/l	99
67) Ethyl Benzene	10.195	91	401548	52.424	ug/l	97
68) m/p-Xylenes	10.299	106	319990	103.489	ug/l	92
69) o-Xylene	10.640	106	161523	52.764	ug/l	92
70) Styrene	10.652	104	278572	54.268	ug/l	94
71) Bromoform	10.799	173	84006	50.825	ug/l #	100
73) Isopropylbenzene	10.963	105	418529	53.183	ug/l	97
74) N-amyl acetate	10.841	43	179264	51.282	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	151404	51.742	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	119833m	51.001	ug/l	
77) Bromobenzene	11.195	156	120146	51.262	ug/l	79
78) n-propylbenzene	11.305	91	455862	53.387	ug/l	96
79) 2-Chlorotoluene	11.366	91	284766	51.762	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	346048	52.793	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	41757	50.471	ug/l	87
82) 4-Chlorotoluene	11.457	91	321541	52.871	ug/l	92
83) tert-Butylbenzene	11.713	119	387134	53.826	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	354442	53.898	ug/l	93
85) sec-Butylbenzene	11.890	105	441081	54.219	ug/l	96
86) p-Isopropyltoluene	12.012	119	384877	54.159	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	212727	51.637	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	213577	50.528	ug/l	95
89) n-Butylbenzene	12.335	91	295592	54.036	ug/l	97
90) Hexachloroethane	12.536	117	64285	53.134	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	220564	52.322	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	31619	54.527	ug/l #	52
93) 1,2,4-Trichlorobenzene	13.585	180	146555	53.070	ug/l	96
94) Hexachlorobutadiene	13.725	225	73260	52.463	ug/l	99
95) Naphthalene	13.774	128	462276	49.821	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	153061	52.553	ug/l	95

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

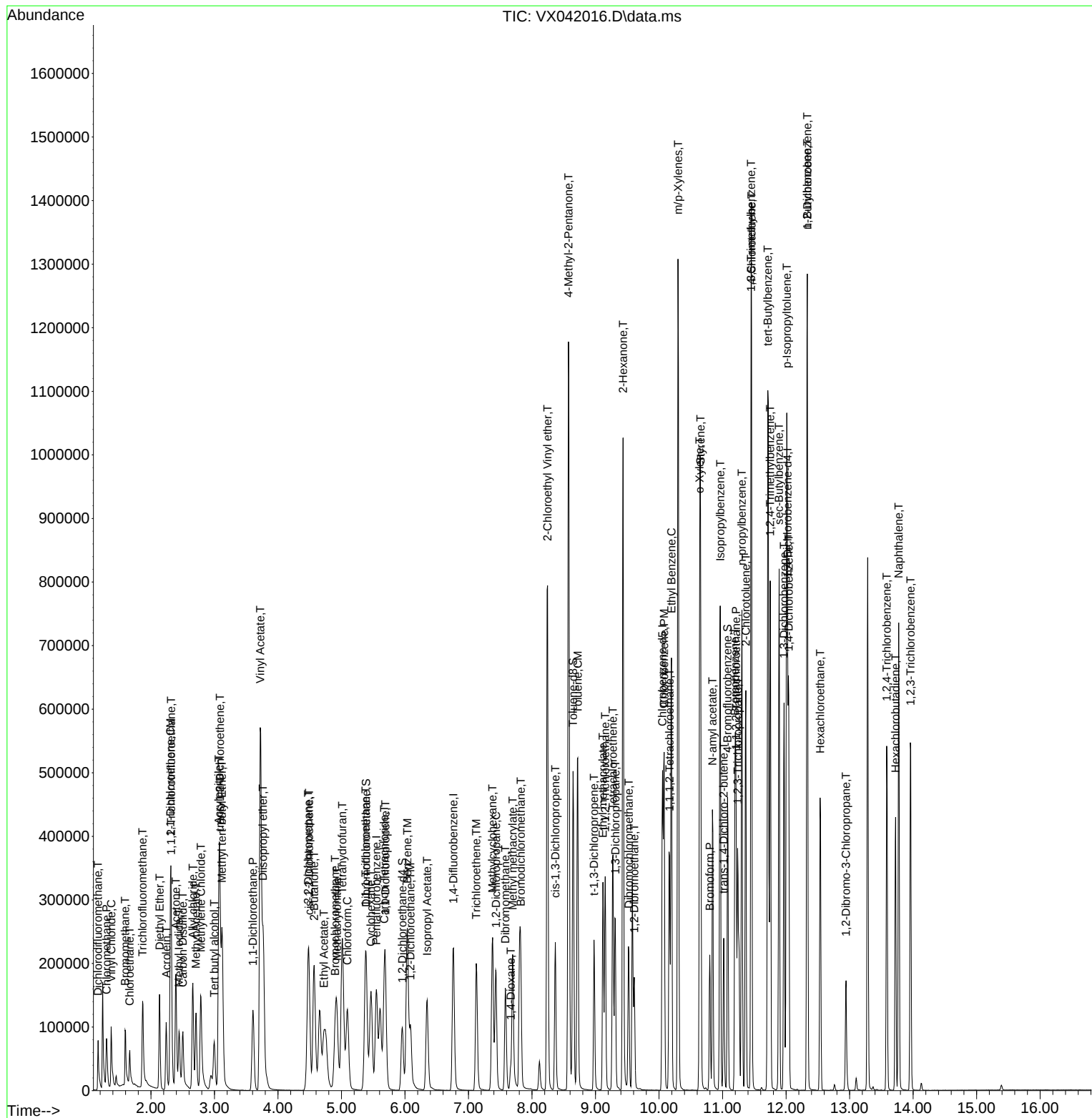
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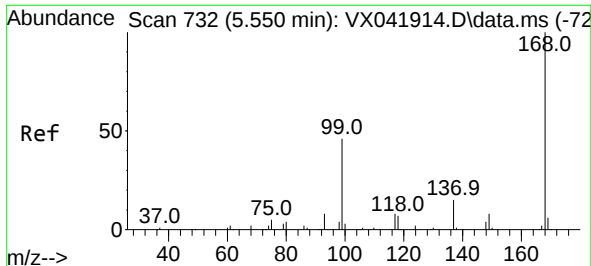
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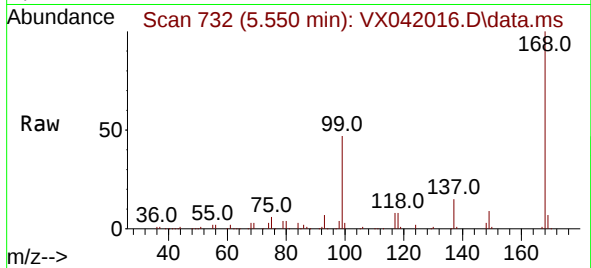
Reviewed By :John Carlone 06/25/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042016.D
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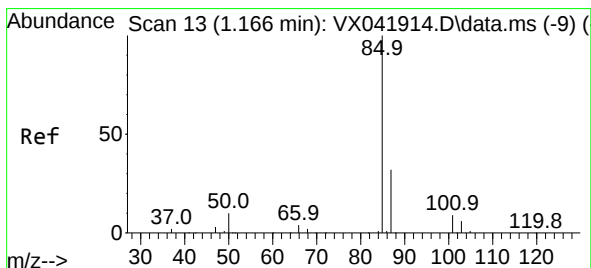
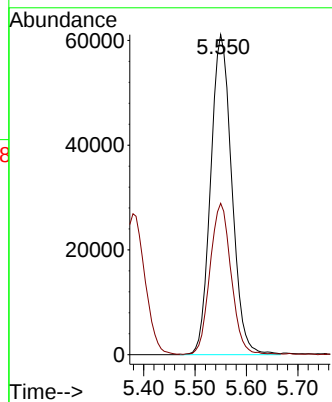
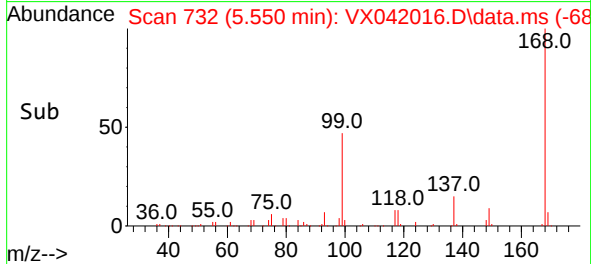
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 17436
Ion Ratio Lower Upper
168 100
99 47.1 56.6 85.0

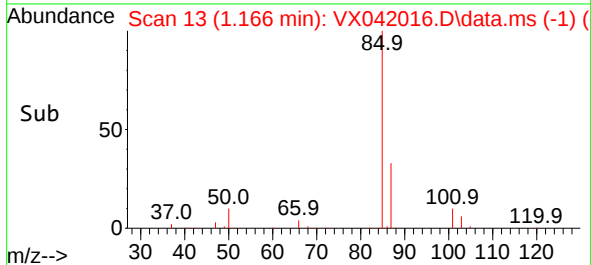
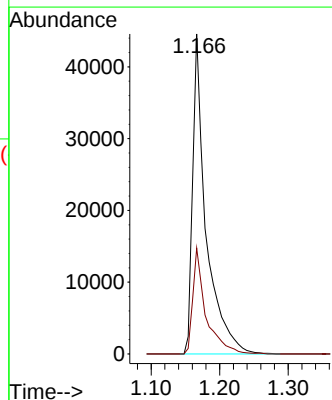
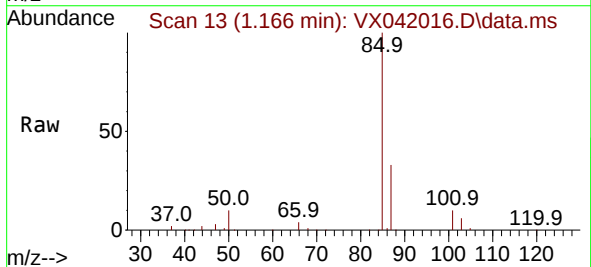
Manual Integrations
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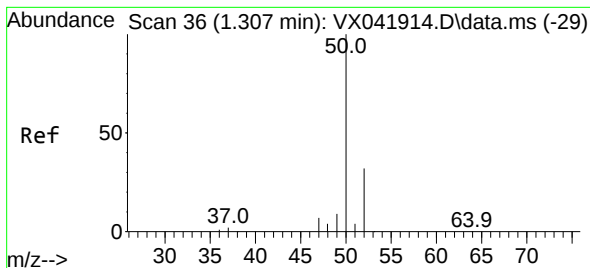
Reviewed By :John Carlone 06/25/2024
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#2
Dichlorodifluoromethane
Concen: 45.550 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Tgt Ion: 85 Resp: 60509
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.1





#3

Chloromethane

Concen: 41.917 ug/l

RT: 1.300 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 69850

Ion Ratio Lower Upper

50 100

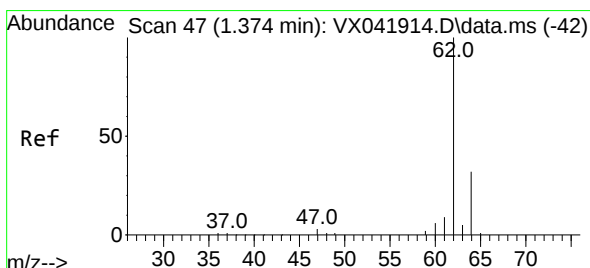
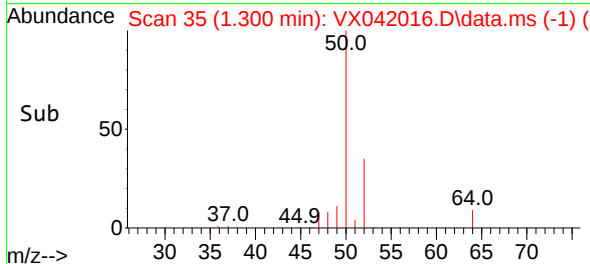
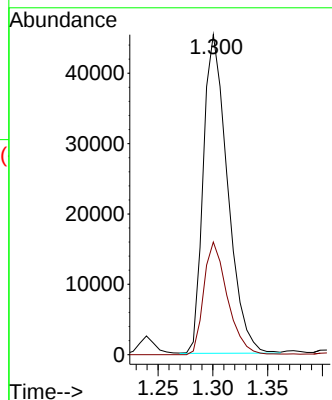
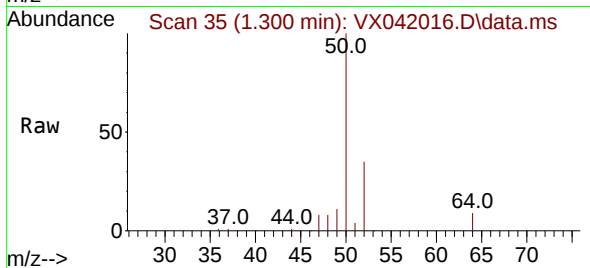
52 35.4 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.601 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX042016.D

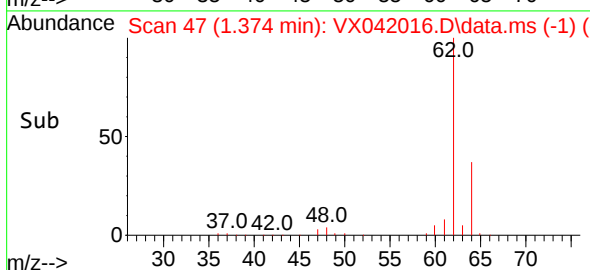
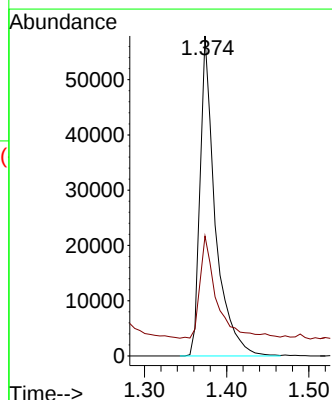
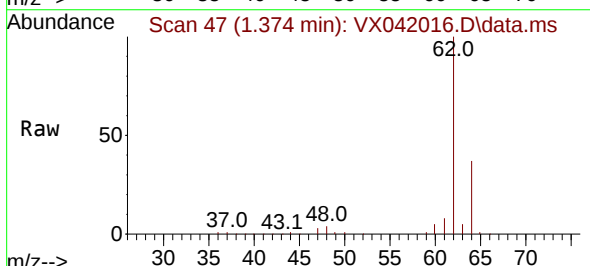
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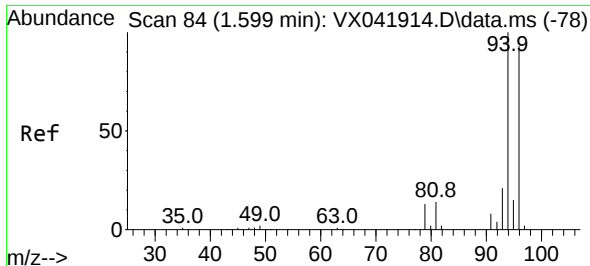
Tgt Ion: 62 Resp: 74507

Ion Ratio Lower Upper

62 100

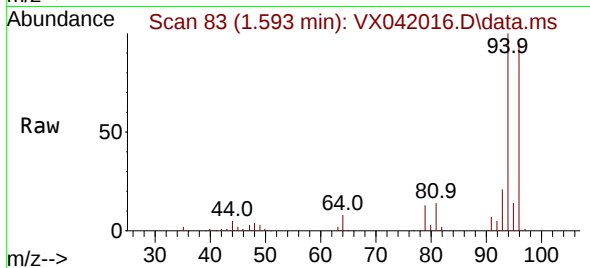
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 49.040 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

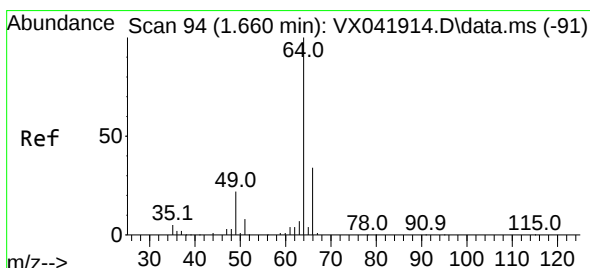
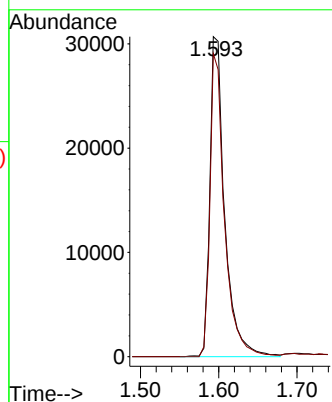
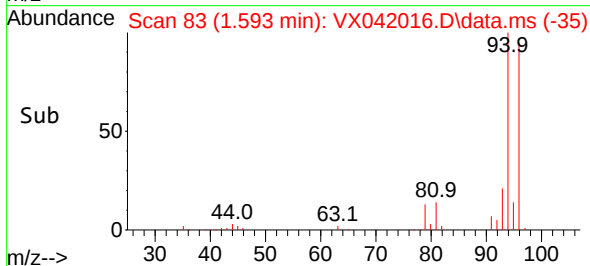
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Tgt Ion: 94 Resp: 40454
Ion Ratio Lower Upper
94 100
96 94.7 74.6 111.8

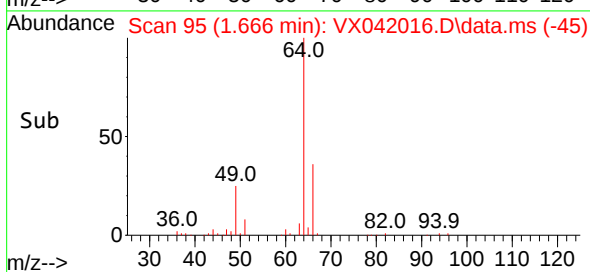
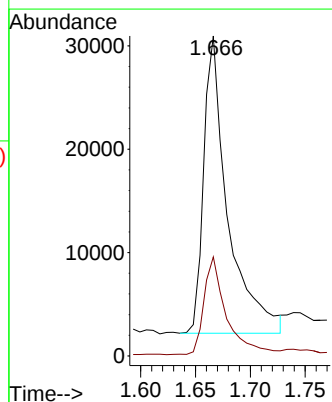
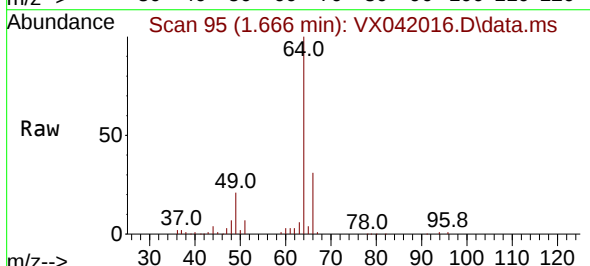
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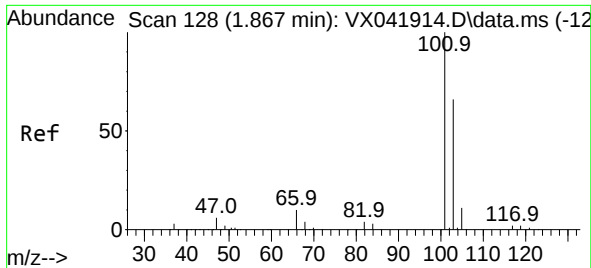
Reviewed By :John Carlone 06/25/2024
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#6
Chloroethane
Concen: 64.137 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

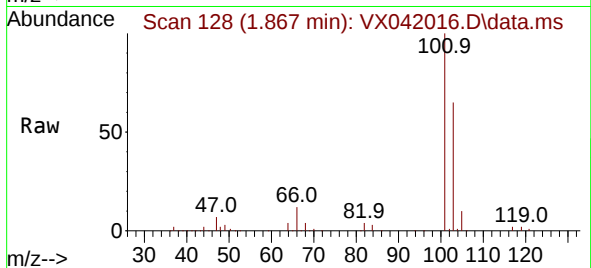
Tgt Ion: 64 Resp: 43934
Ion Ratio Lower Upper
64 100
66 32.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 54.614 ug/l
RT: 1.867 min Scan# 11953
Delta R.T. 0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

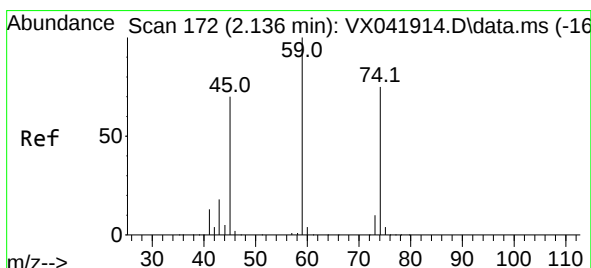
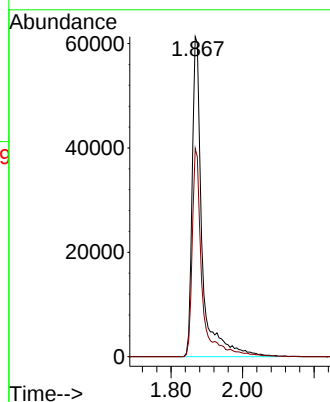
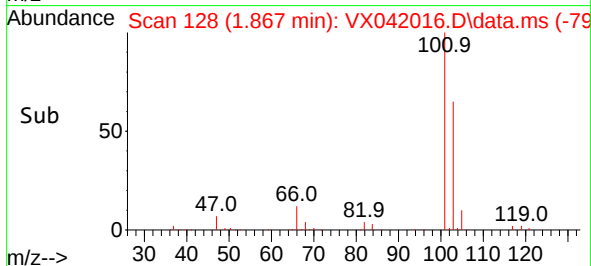
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Tgt Ion:101 Resp: 11953
Ion Ratio Lower Upper
101 100
103 65.1 51.4 77.2

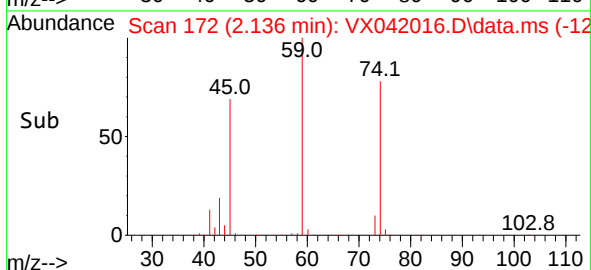
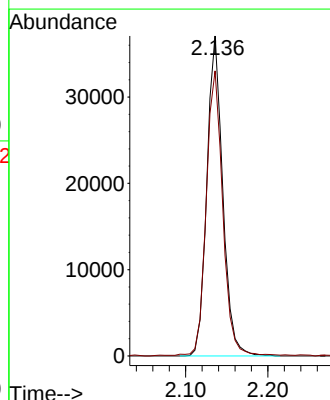
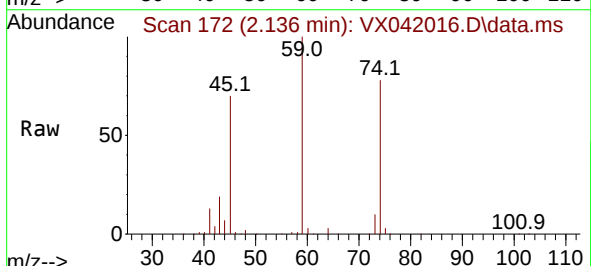
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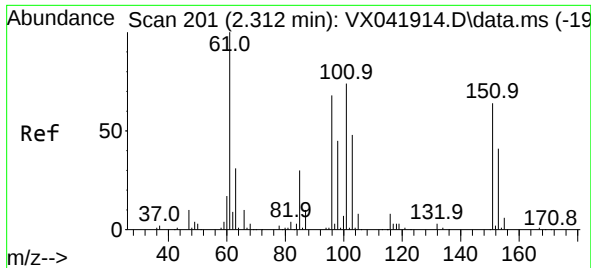
Reviewed By :John Carlone 06/25/2024
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#8
Diethyl Ether
Concen: 48.448 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

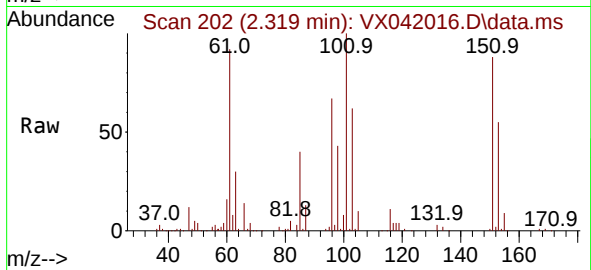
Tgt Ion: 74 Resp: 49775
Ion Ratio Lower Upper
74 100
45 92.0 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.871 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

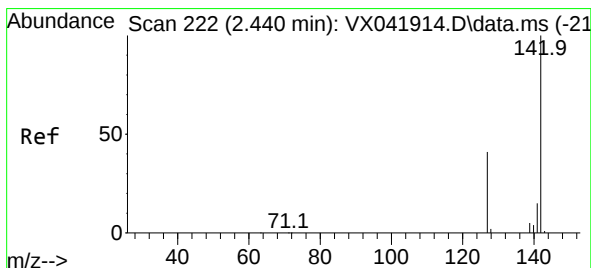
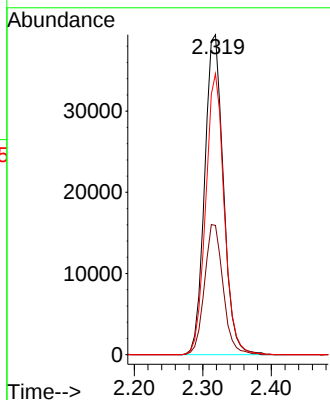
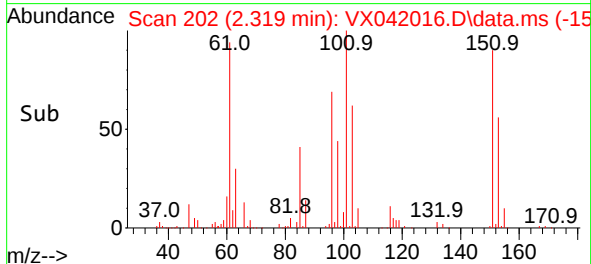
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



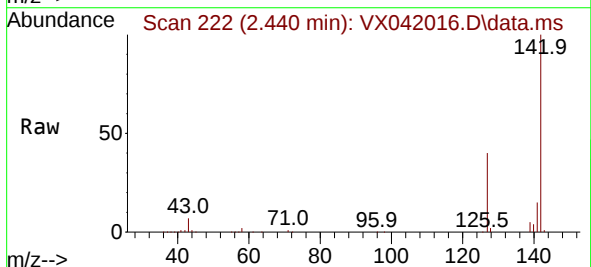
Tgt Ion:101 Resp: 75190
Ion Ratio Lower Upper
101 100
85 40.4 37.0 55.6
151 86.8 58.6 87.8

Manual Integrations
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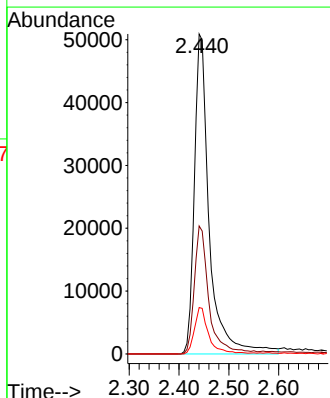
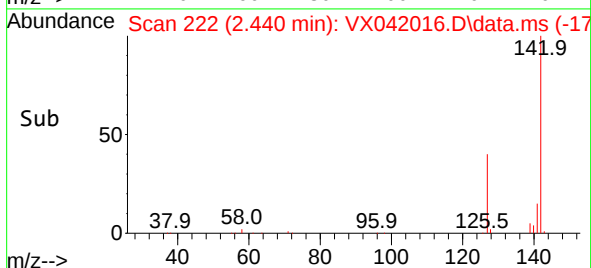
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

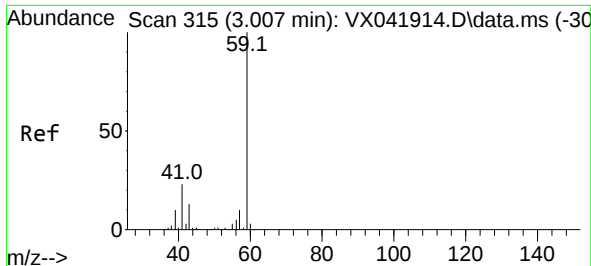


#10
Methyl Iodide
Concen: 56.518 ug/l
RT: 2.440 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47



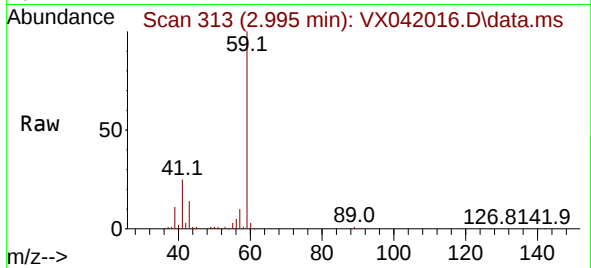
Tgt Ion:142 Resp: 105911
Ion Ratio Lower Upper
142 100
127 39.3 41.6 62.4#
141 13.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 245.371 ug/l
RT: 2.995 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

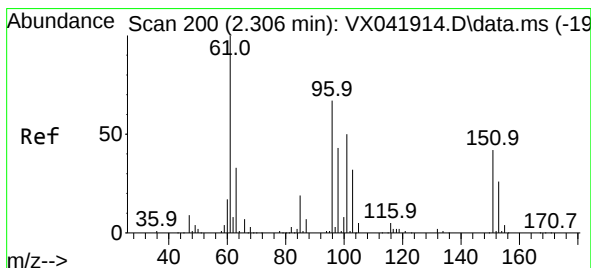
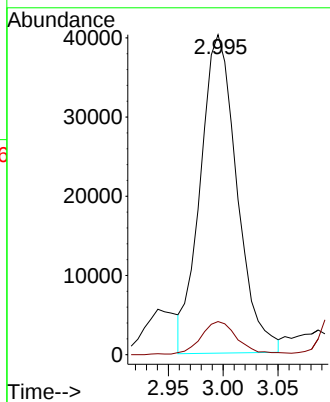
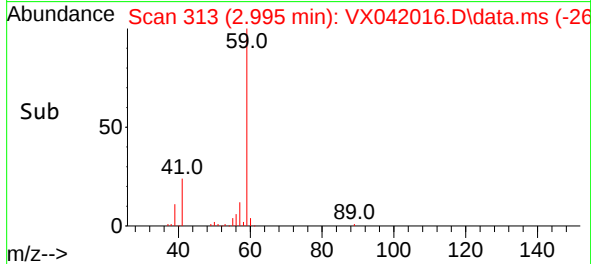
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 93632
Ion Ratio Lower Upper
59 100
57 10.7 6.0 9.0

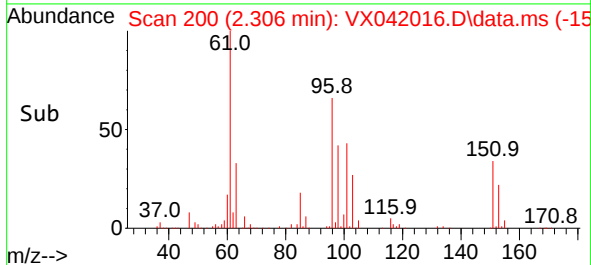
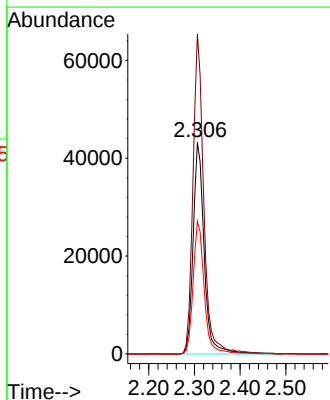
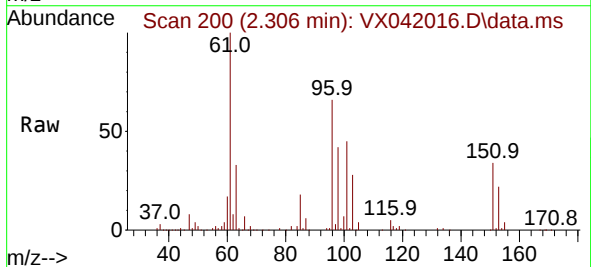
Manual Integrations
APPROVED

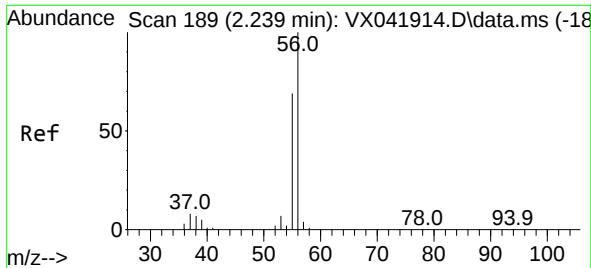
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#12
1,1-Dichloroethene
Concen: 48.419 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Tgt Ion: 96 Resp: 72819
Ion Ratio Lower Upper
96 100
61 151.3 144.6 216.8
98 62.8 50.4 75.6





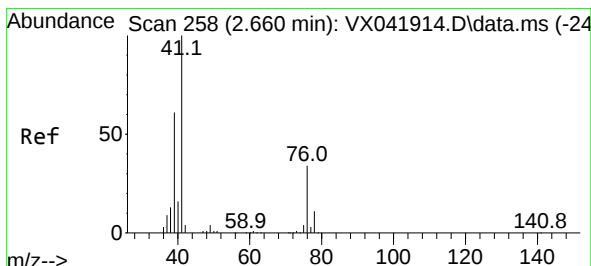
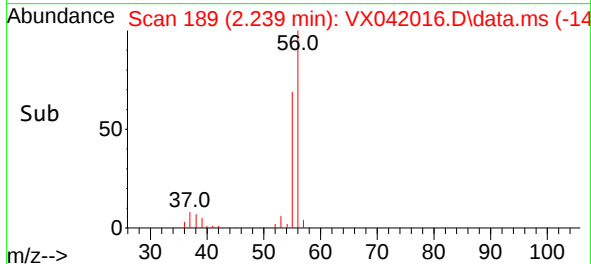
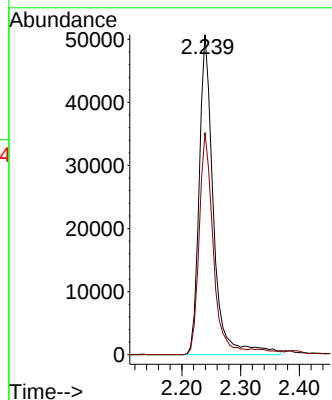
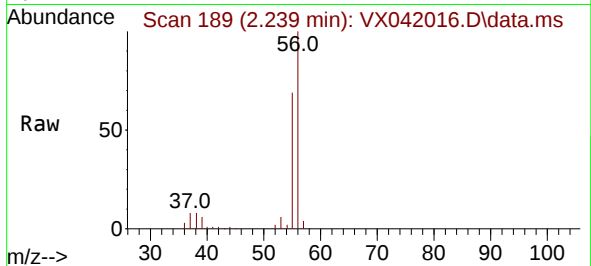
#13
Acrolein
Concen: 200.143 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 8561
Ion Ratio Lower Upper
56 100
55 68.4 57.1 85.7

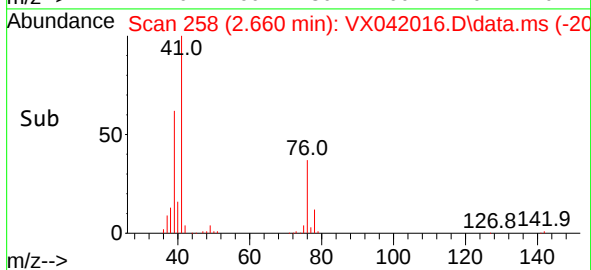
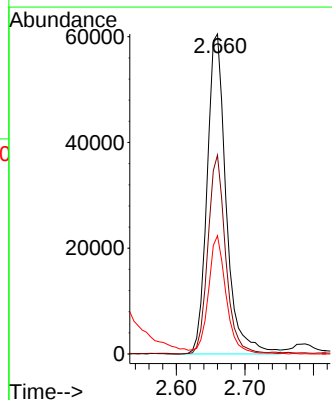
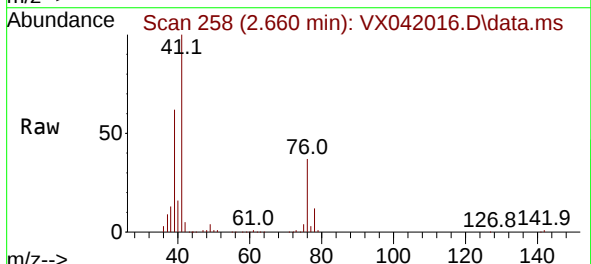
Manual Integrations
APPROVED

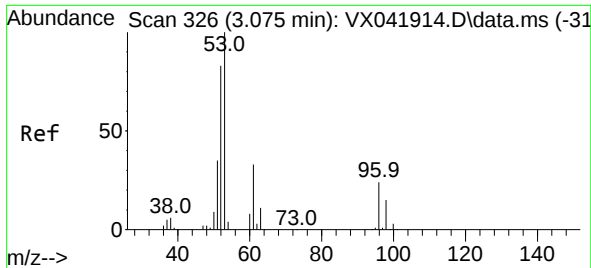
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#14
Allyl chloride
Concen: 49.317 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Tgt Ion: 41 Resp: 117628
Ion Ratio Lower Upper
41 100
39 57.7 55.8 83.6
76 34.5 24.3 36.5





#15

Acrylonitrile

Concen: 263.333 ug/l

RT: 3.068 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 262470

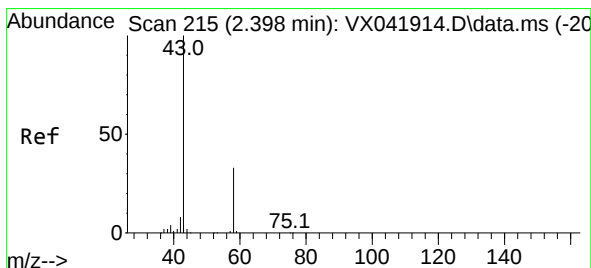
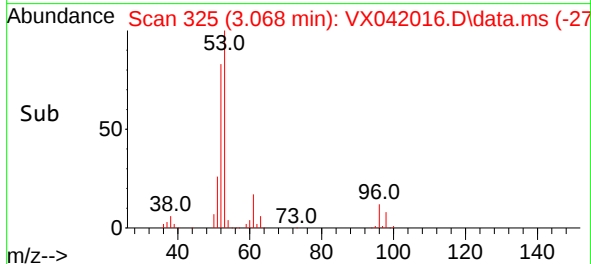
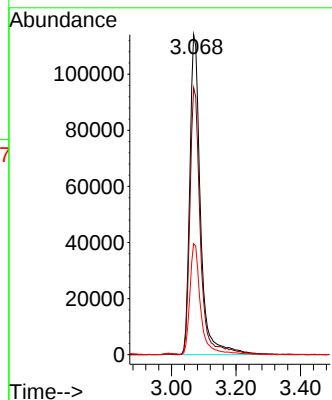
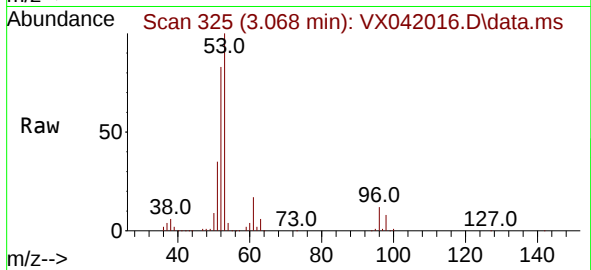
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.0	99.0
51	34.8	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#16

Acetone

Concen: 241.538 ug/l

RT: 2.392 min Scan# 214

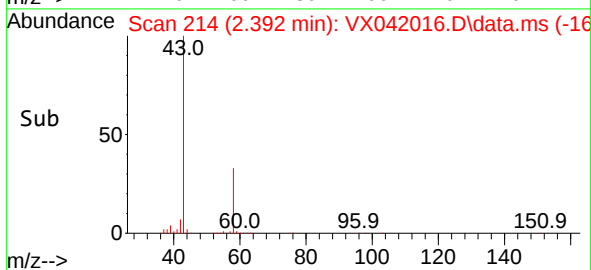
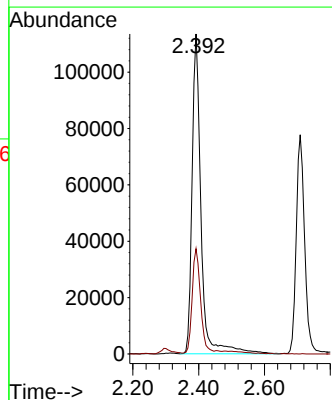
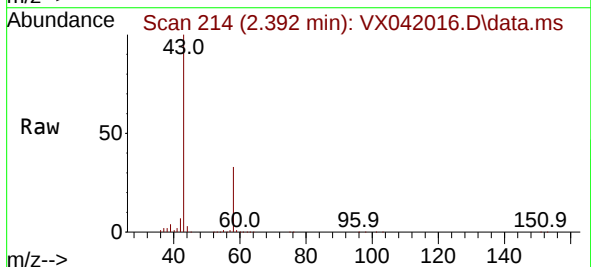
Delta R.T. -0.006 min

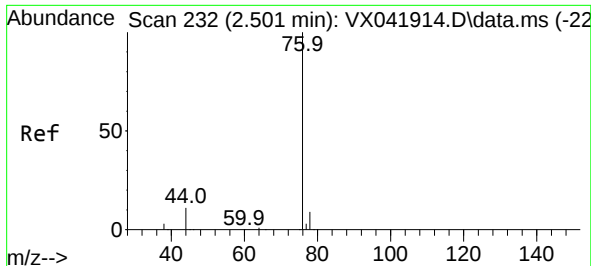
Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Tgt Ion: 43 Resp: 213252

Ion	Ratio	Lower	Upper
43	100		
58	32.8	21.9	32.9





#17

Carbon Disulfide

Concen: 40.635 ug/l

RT: 2.501 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 124608

Ion Ratio Lower Upper

76 100

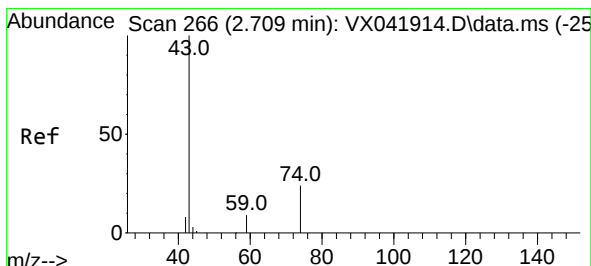
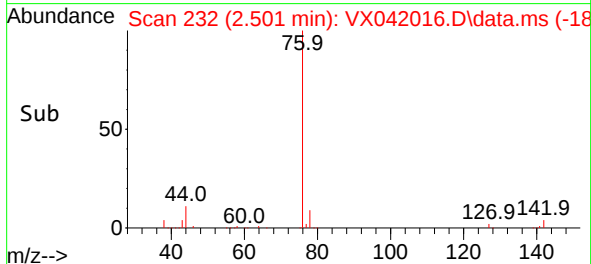
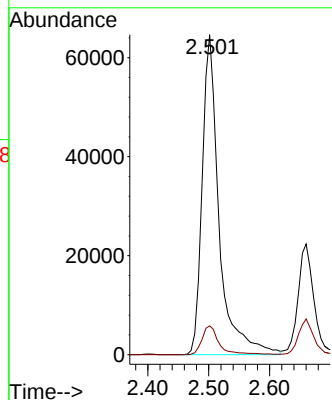
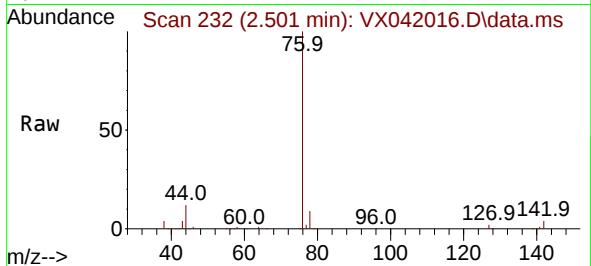
78 9.0 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#18

Methyl Acetate

Concen: 57.287 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX042016.D

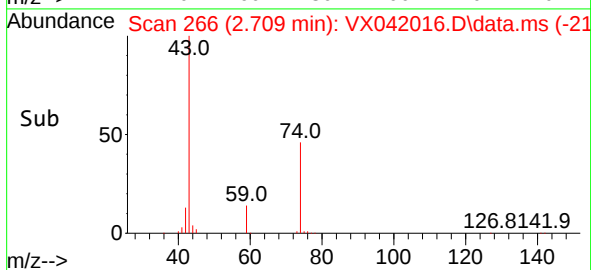
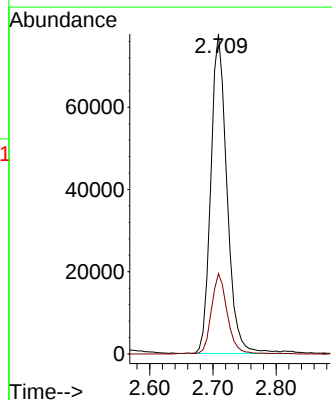
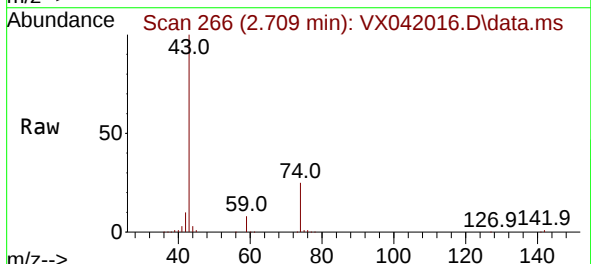
Acq: 24 Jun 2024 19:47

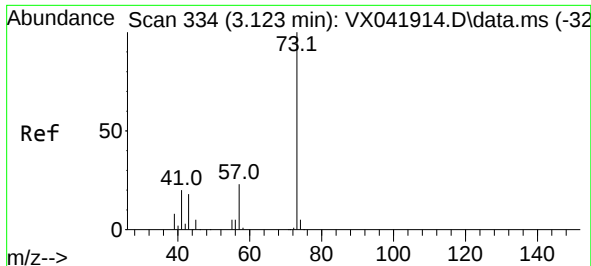
Tgt Ion: 43 Resp: 137974

Ion Ratio Lower Upper

43 100

74 24.0 17.8 26.8





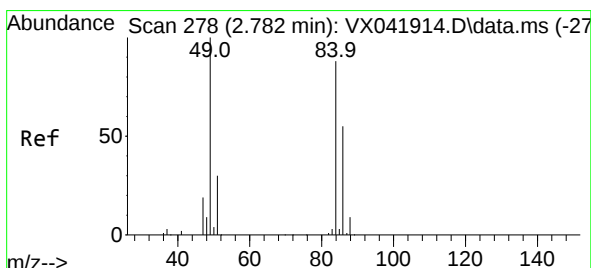
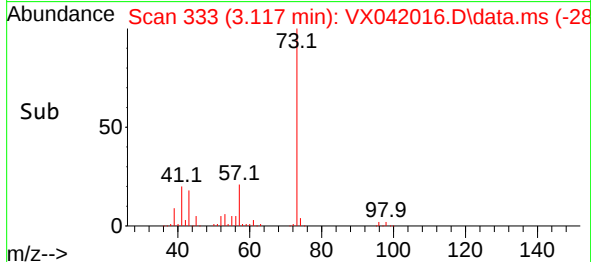
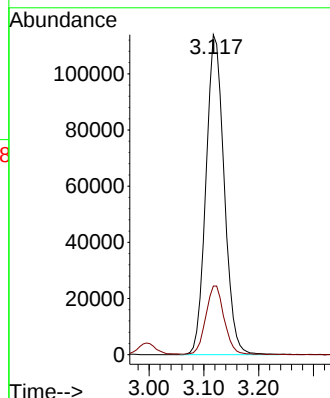
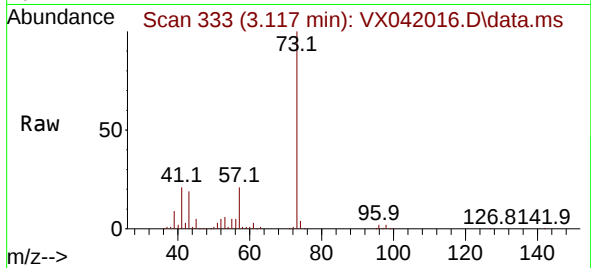
#19
Methyl tert-butyl Ether
Concen: 52.727 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 261978
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9

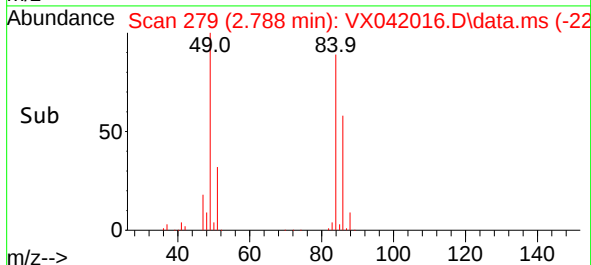
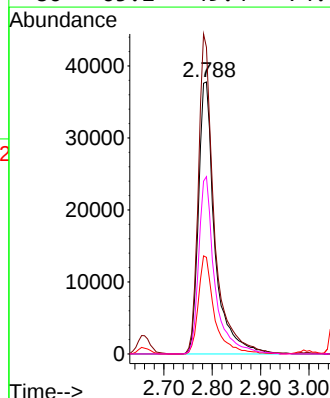
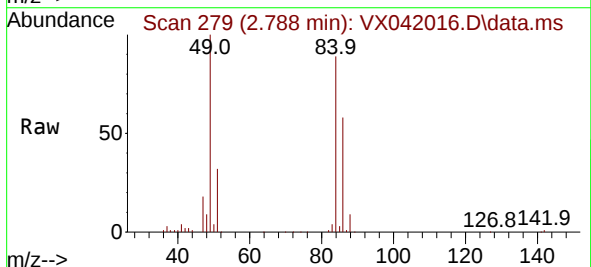
Manual Integrations
APPROVED

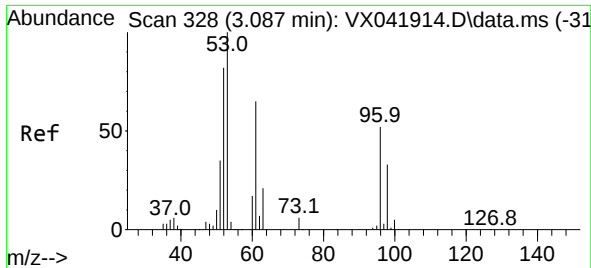
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#20
Methylene Chloride
Concen: 45.874 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Tgt Ion: 84 Resp: 88685
Ion Ratio Lower Upper
84 100
49 112.7 103.6 155.4
51 35.5 33.8 50.6
86 65.2 49.4 74.0





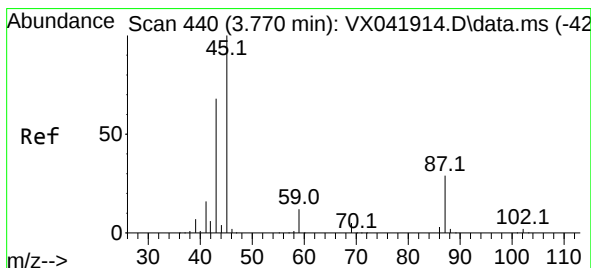
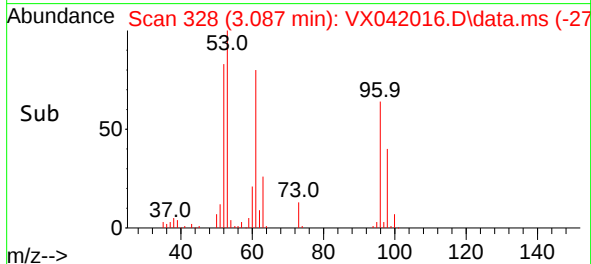
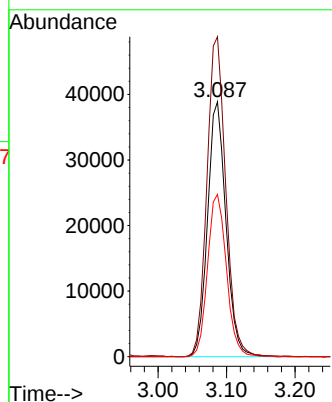
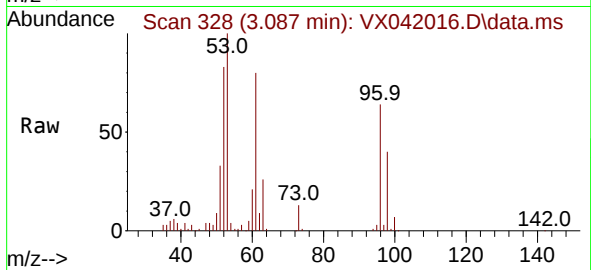
#21
trans-1,2-Dichloroethene
Concen: 47.583 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 72629
Ion Ratio Lower Upper
96 100
61 125.6 119.2 178.8
98 63.6 48.7 73.1

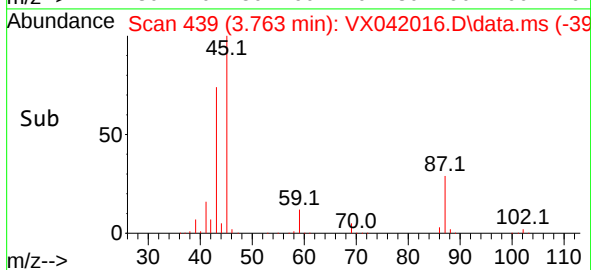
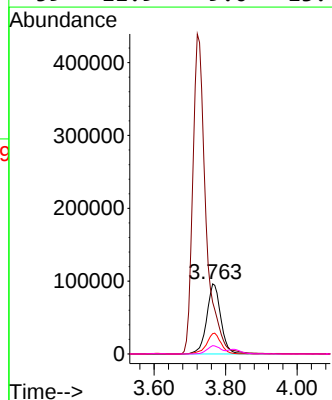
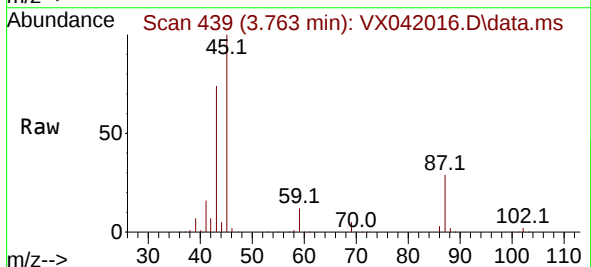
Manual Integrations
APPROVED

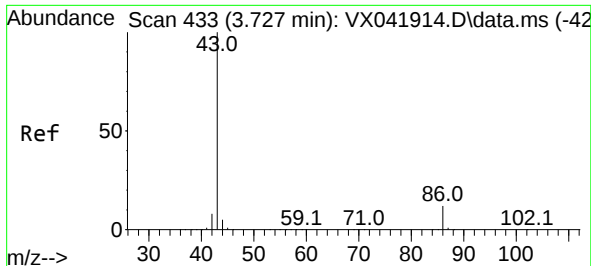
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#22
Diisopropyl ether
Concen: 52.183 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

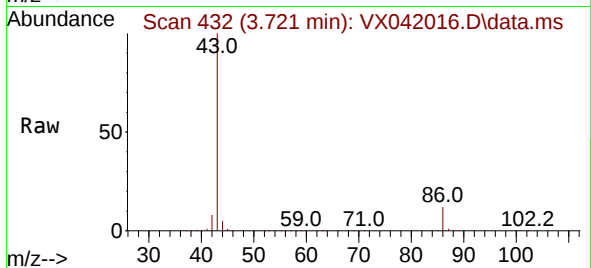
Tgt Ion: 45 Resp: 263088
Ion Ratio Lower Upper
45 100
43 73.7 69.7 104.5
87 29.0 20.8 31.2
59 11.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 259.697 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX042016.D
 Acq: 24 Jun 2024 19:47

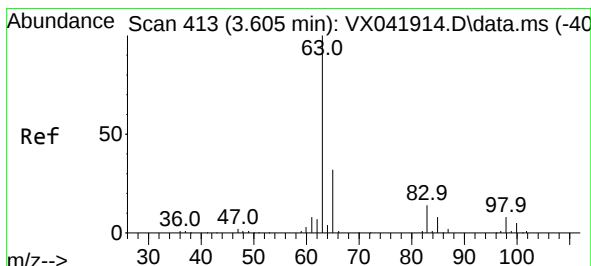
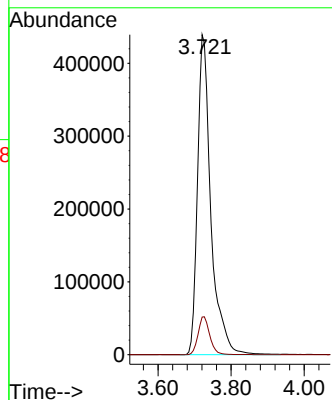
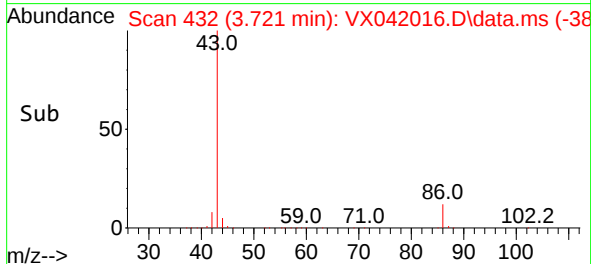
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



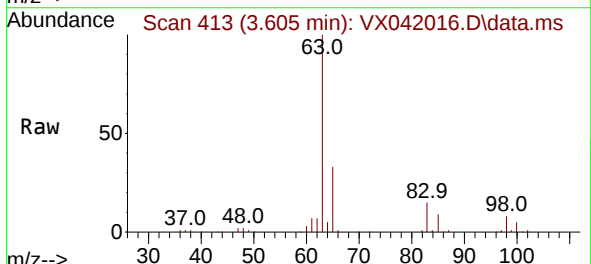
Tgt Ion: 43 Resp: 1118154
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.8 11.8

Manual Integrations
 APPROVED

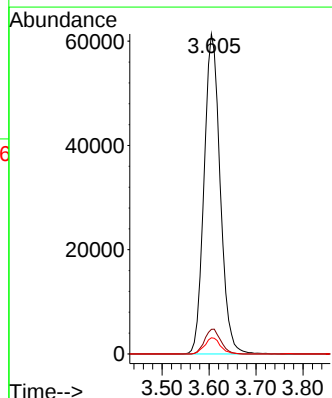
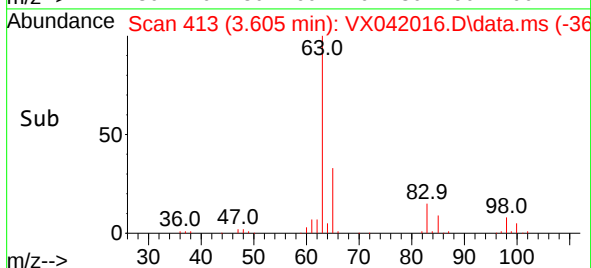
Reviewed By :John Carlone 06/25/2024
 Supervised By :Mahesh Dadoda 06/25/2024

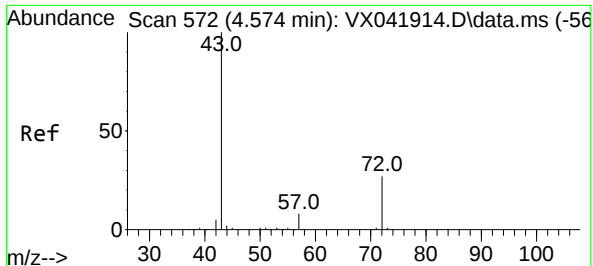


#24
 1,1-Dichloroethane
 Concen: 51.699 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX042016.D
 Acq: 24 Jun 2024 19:47



Tgt Ion: 63 Resp: 145964
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 5.0 2.1 6.5





#25

2-Butanone

Concen: 258.459 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 355010

Ion Ratio Lower Upper

43 100

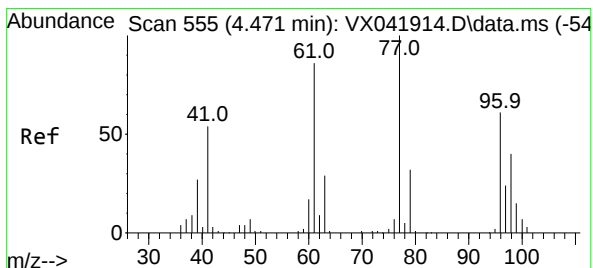
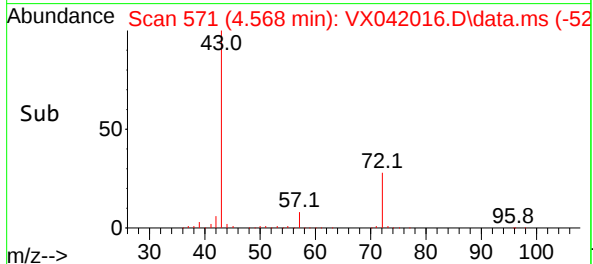
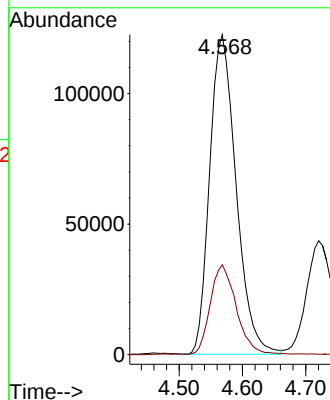
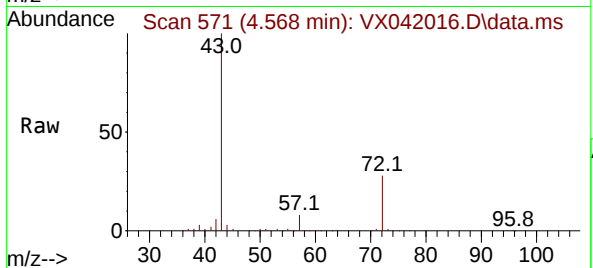
72 28.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#26

2,2-Dichloropropane

Concen: 47.225 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.006 min

Lab File: VX042016.D

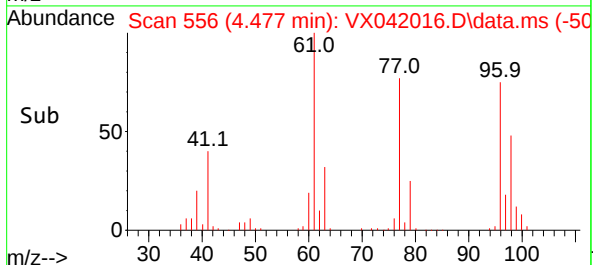
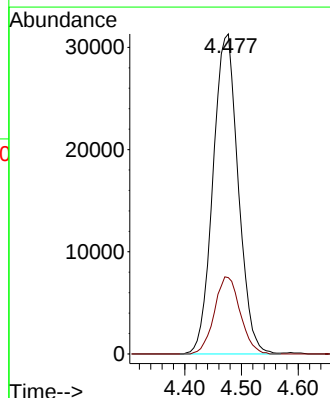
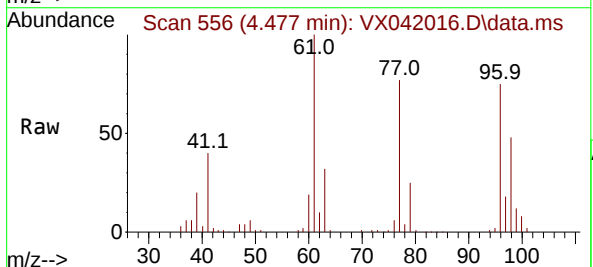
Acq: 24 Jun 2024 19:47

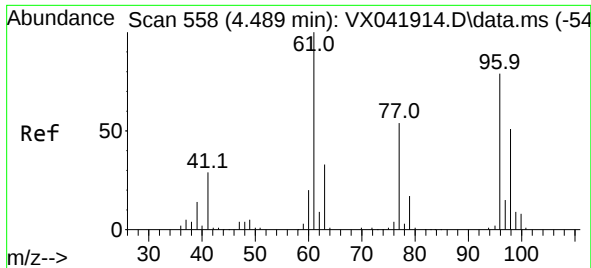
Tgt Ion: 77 Resp: 96553

Ion Ratio Lower Upper

77 100

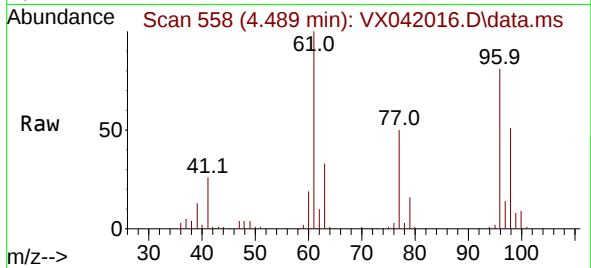
97 24.6 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 50.809 ug/l
 RT: 4.489 min Scan# 513
 Delta R.T. -0.000 min
 Lab File: VX042016.D
 Acq: 24 Jun 2024 19:47

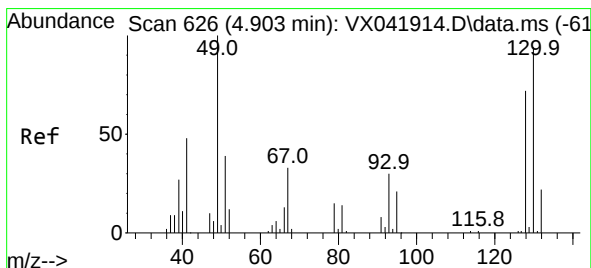
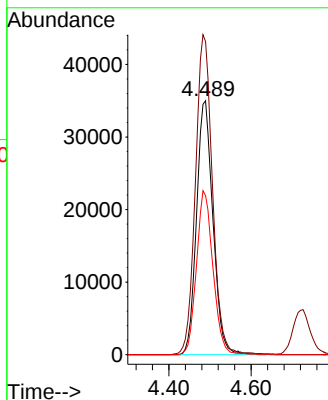
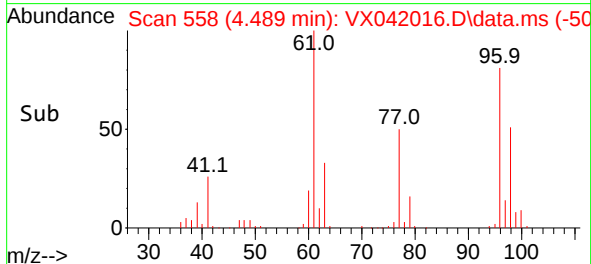
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



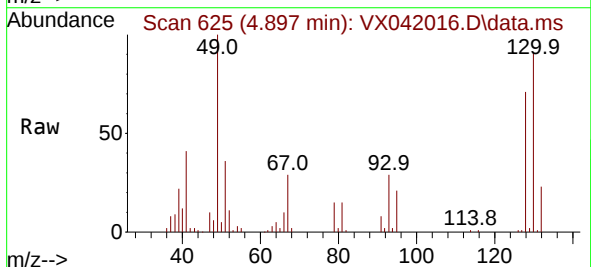
Tgt Ion: 96 Resp: 97132
 Ion Ratio Lower Upper
 96 100
 61 130.0 0.0 312.2
 98 64.8 0.0 129.0

Manual Integrations
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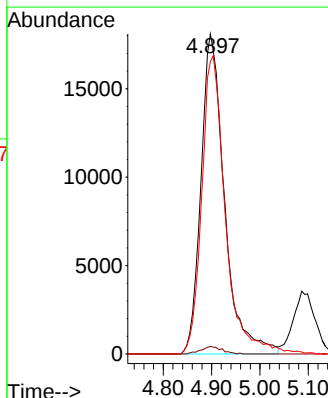
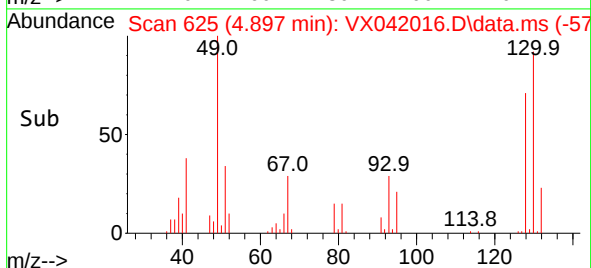
Reviewed By :John Carlone 06/25/2024
 Supervised By :Mahesh Dadoda 06/25/2024

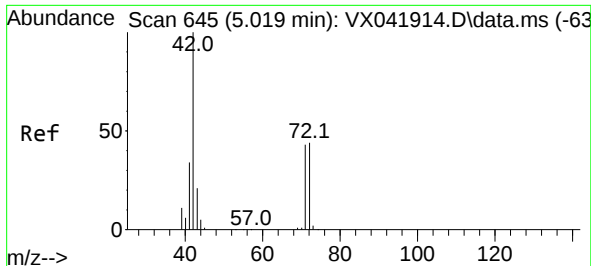


#28
 Bromochloromethane
 Concen: 50.572 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX042016.D
 Acq: 24 Jun 2024 19:47



Tgt Ion: 49 Resp: 61155
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 93.9 57.5 86.3#





#29

Tetrahydrofuran

Concen: 259.826 ug/l

RT: 5.013 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 230490

Ion Ratio Lower Upper

42 100

72 47.0 34.2 51.4

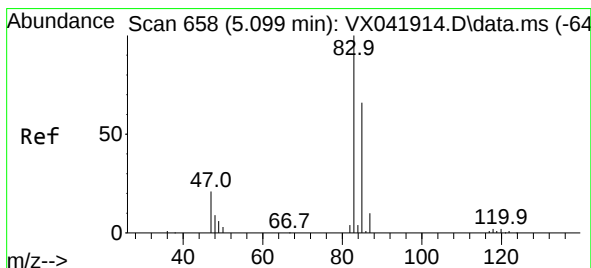
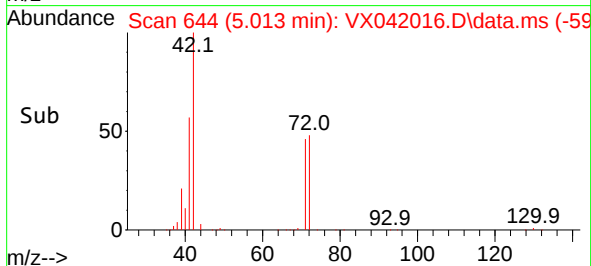
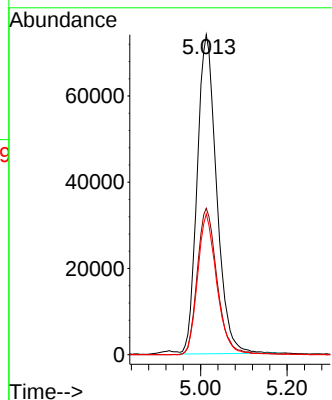
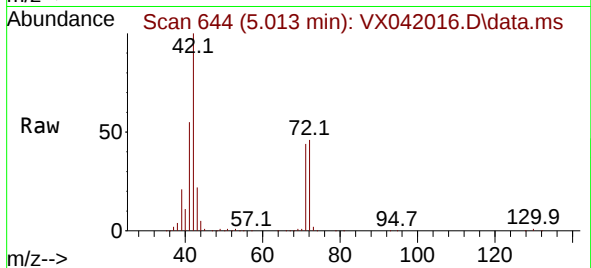
71 43.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#30

Chloroform

Concen: 52.683 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX042016.D

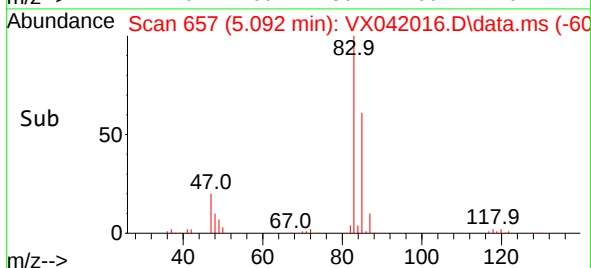
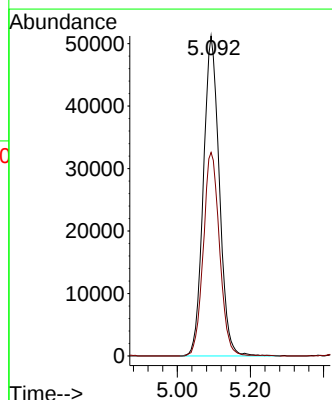
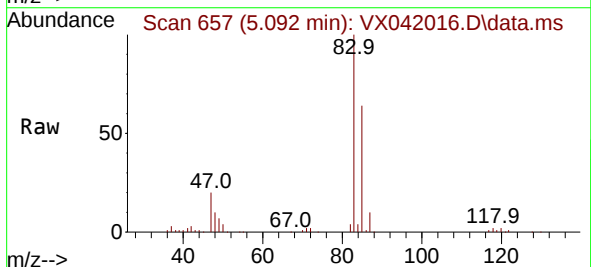
Acq: 24 Jun 2024 19:47

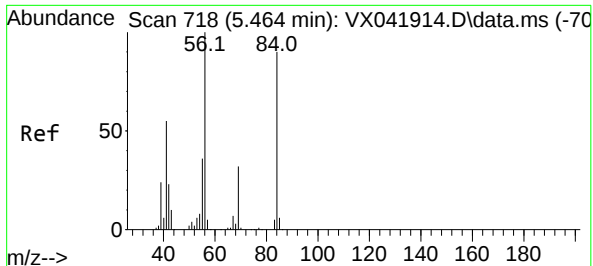
Tgt Ion: 83 Resp: 154962

Ion Ratio Lower Upper

83 100

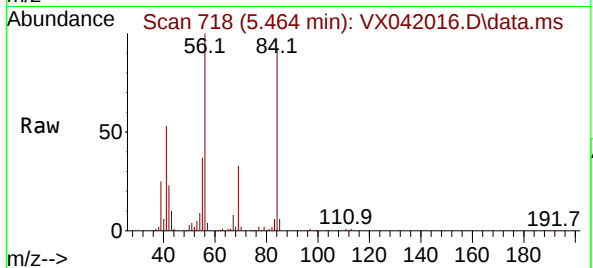
85 63.6 50.3 75.5





#31
Cyclohexane
Concen: 46.545 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

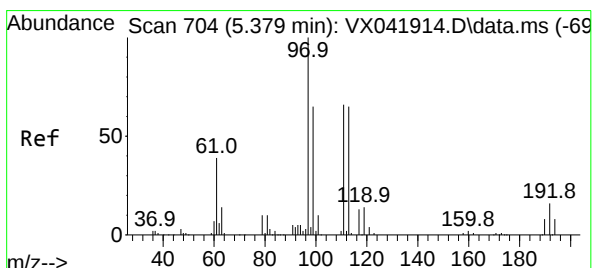
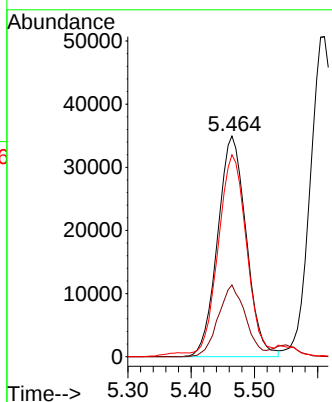
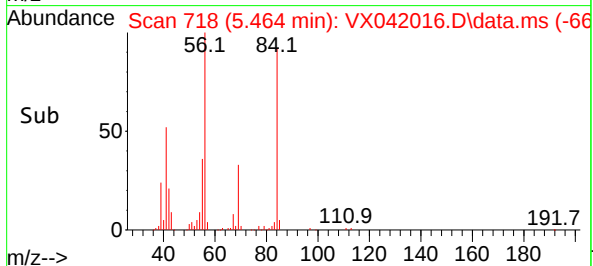
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



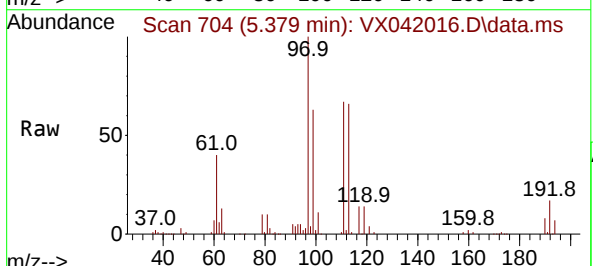
Tgt Ion: 56 Resp: 109449
Ion Ratio Lower Upper
56 100
69 32.5 23.4 35.2
84 89.7 65.9 98.9

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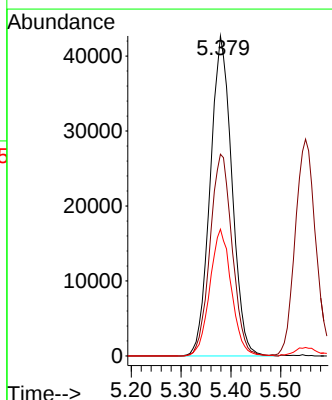
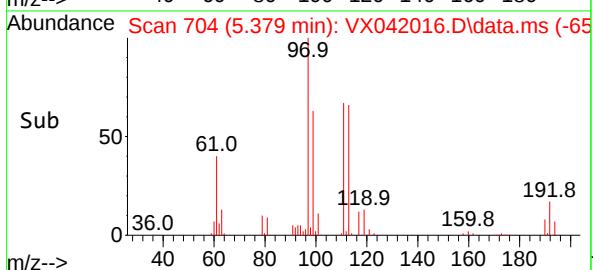
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

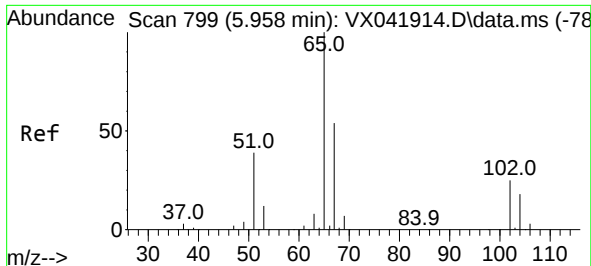


#32
1,1,1-Trichloroethane
Concen: 52.529 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47



Tgt Ion: 97 Resp: 129107
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 39.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.932 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 9436

Ion Ratio Lower Upper

65 100

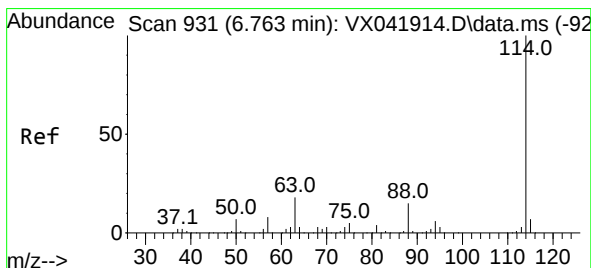
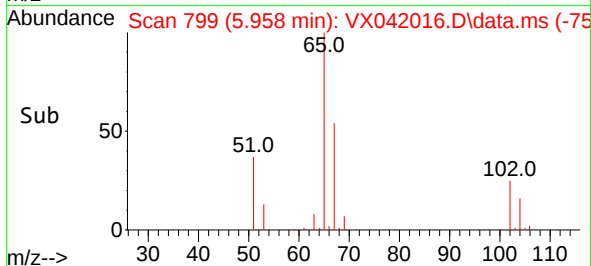
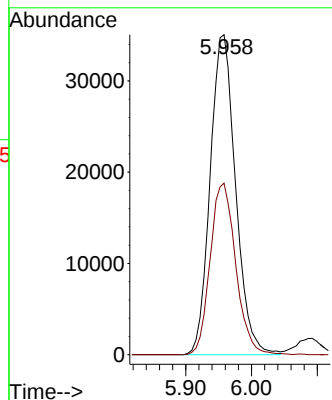
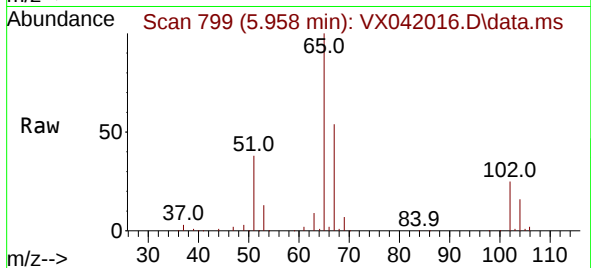
67 53.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

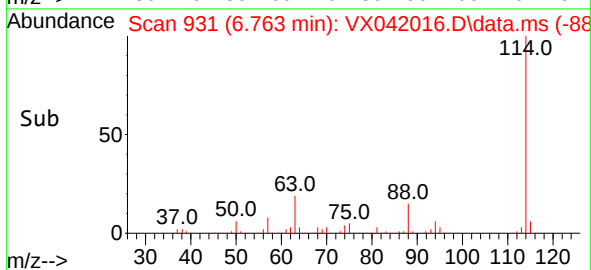
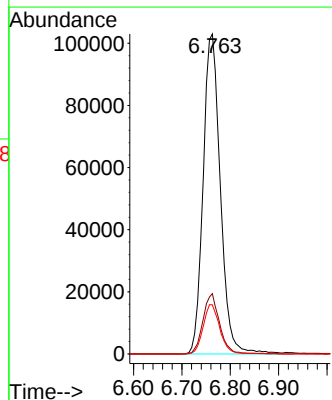
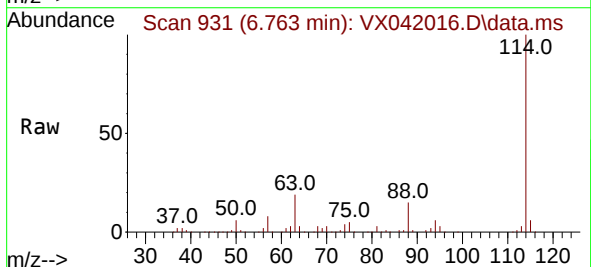
Tgt Ion:114 Resp: 254801

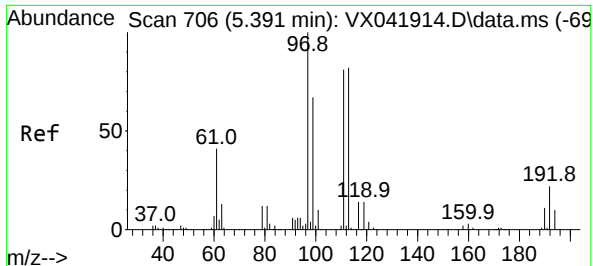
Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

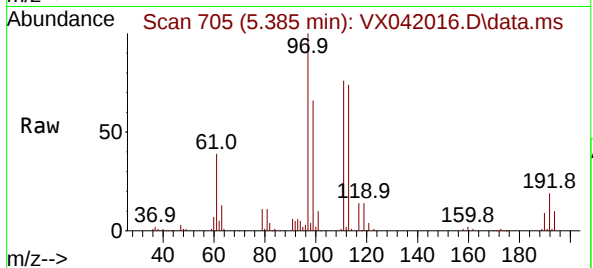
88 15.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.456 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

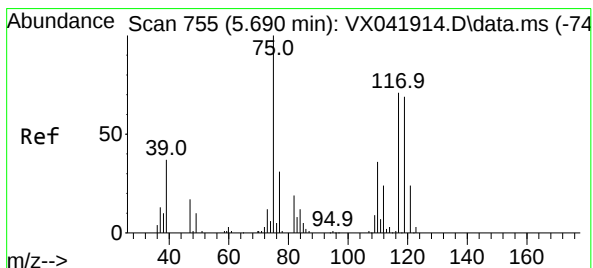
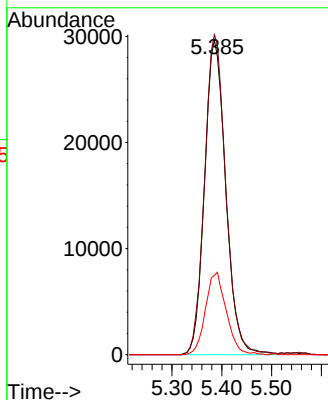
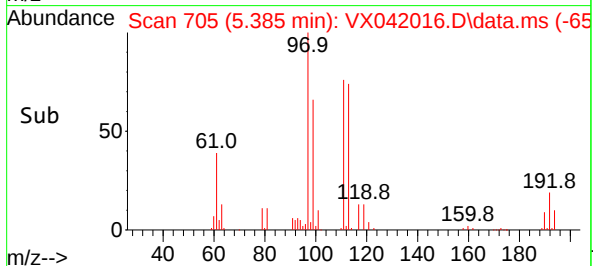
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 87600
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 25.6 13.3 19.9

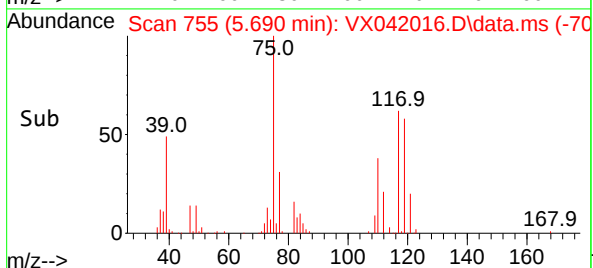
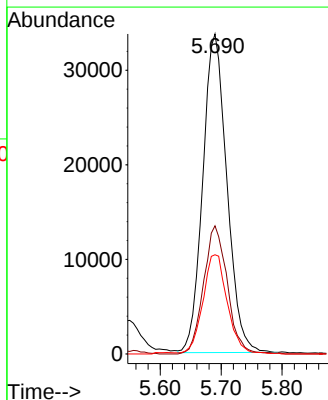
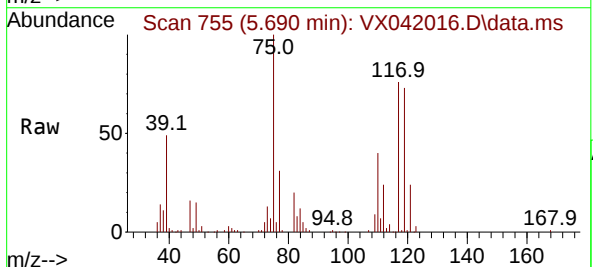
Manual Integrations
APPROVED

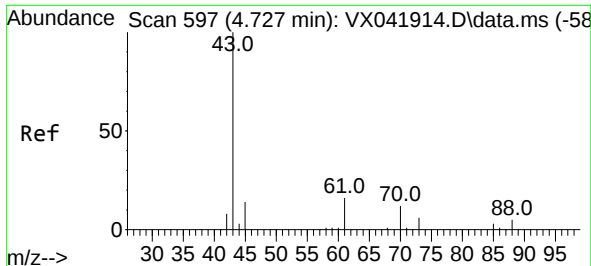
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#36
1,1-Dichloropropene
Concen: 48.337 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

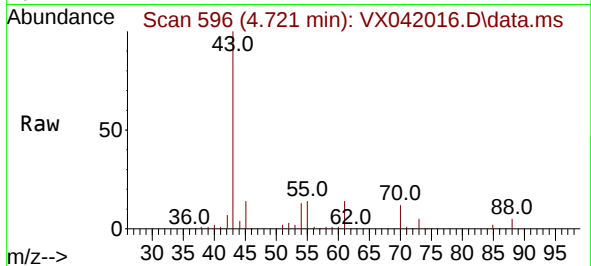
Tgt Ion: 75 Resp: 92800
Ion Ratio Lower Upper
75 100
110 39.6 17.0 50.9
77 31.7 24.7 37.1





#37
Ethyl Acetate
Concen: 52.615 ug/l
RT: 4.721 min Scan# 597
Delta R.T. -0.006 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

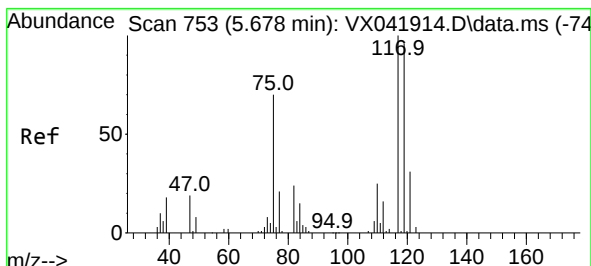
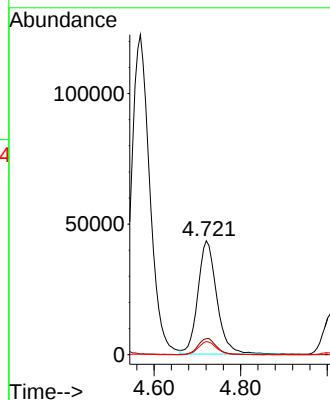
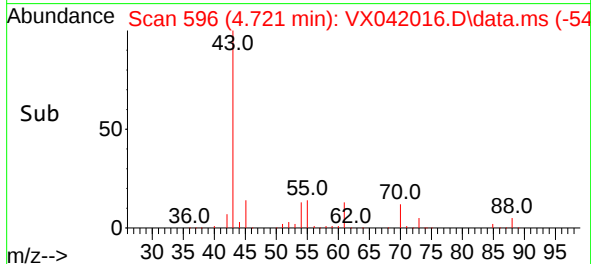
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 13158
Ion Ratio Lower Upper
43 100
61 14.0 10.6 16.0
70 11.2 8.3 12.5

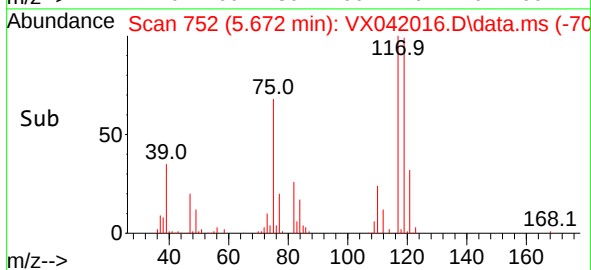
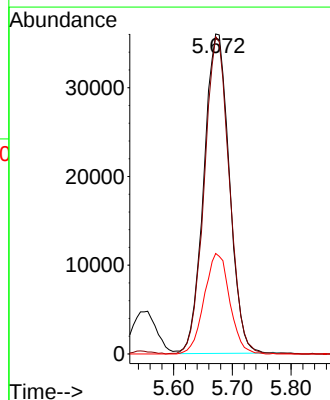
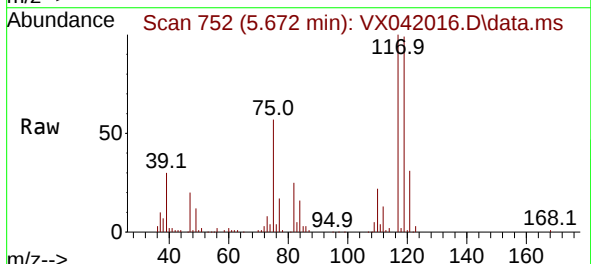
Manual Integrations
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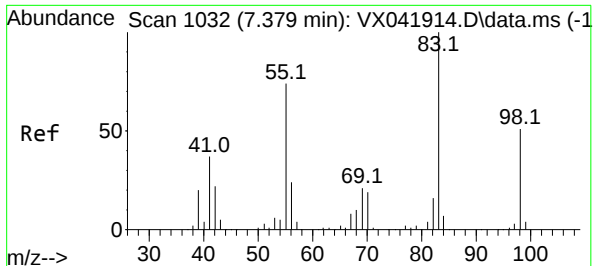
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#38
Carbon Tetrachloride
Concen: 51.085 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Tgt Ion:117 Resp: 108363
Ion Ratio Lower Upper
117 100
119 99.2 78.2 117.2
121 31.5 24.4 36.6





#39

Methylcyclohexane

Concen: 47.274 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 11478

Ion Ratio Lower Upper

83 100

55 71.4 64.6 97.0

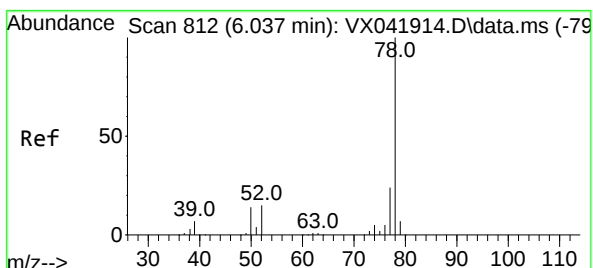
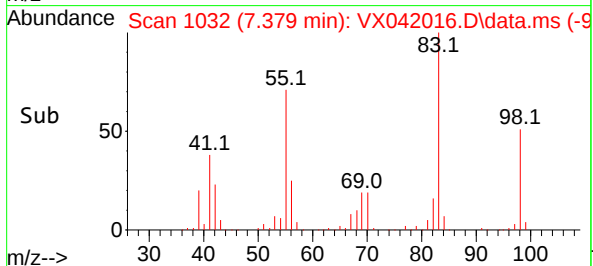
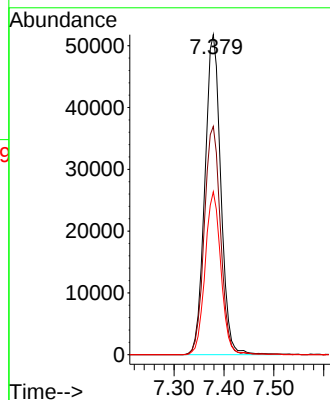
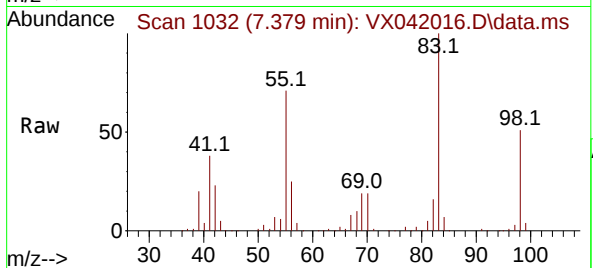
98 50.9 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#40

Benzene

Concen: 50.089 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX042016.D

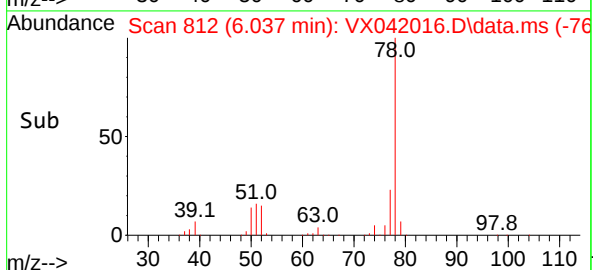
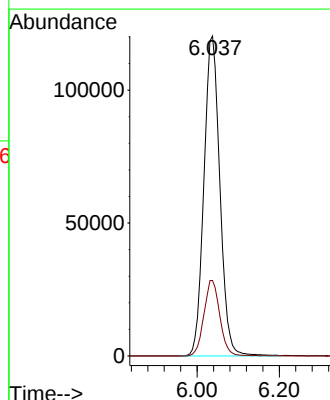
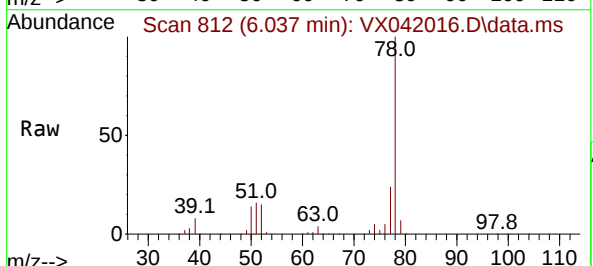
Acq: 24 Jun 2024 19:47

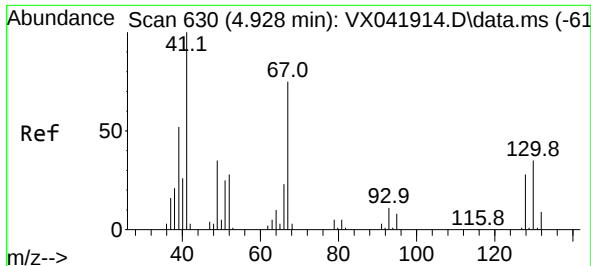
Tgt Ion: 78 Resp: 324327

Ion Ratio Lower Upper

78 100

77 23.6 19.3 28.9





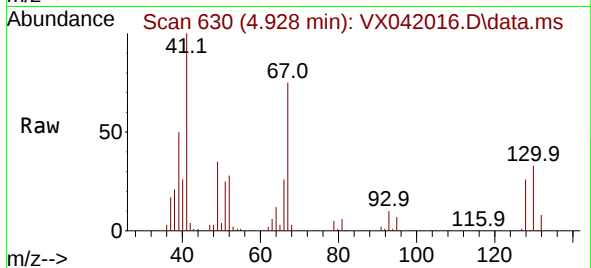
#41
Methacrylonitrile
Concen: 55.182 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



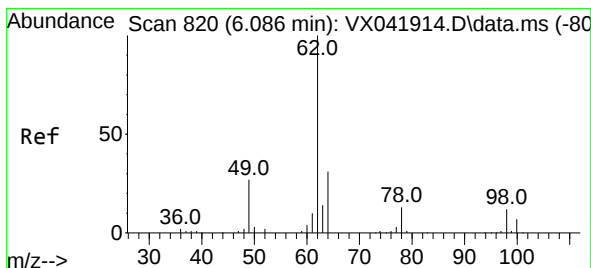
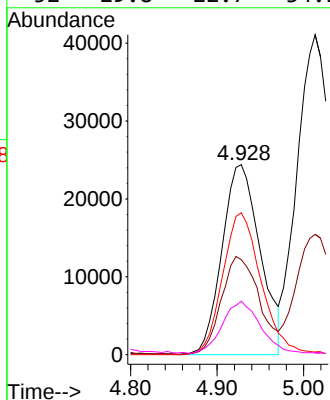
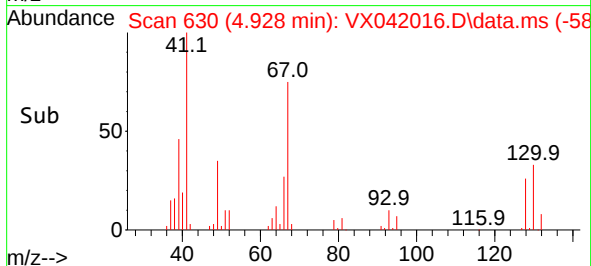
Tgt Ion: 41 Resp: 74809
Ion Ratio Lower Upper
41 100
39 51.0 45.2 67.8
67 75.6 52.6 78.8
52 29.8 22.7 34.1

Manual Integrations

APPROVED

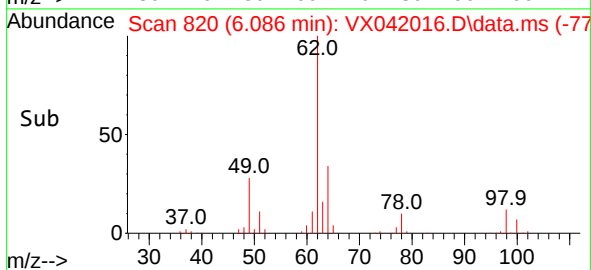
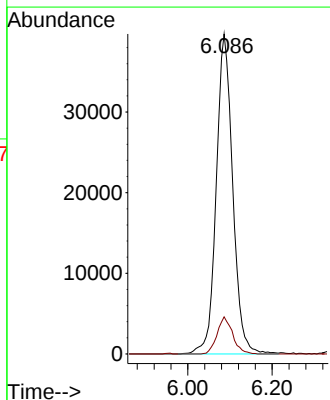
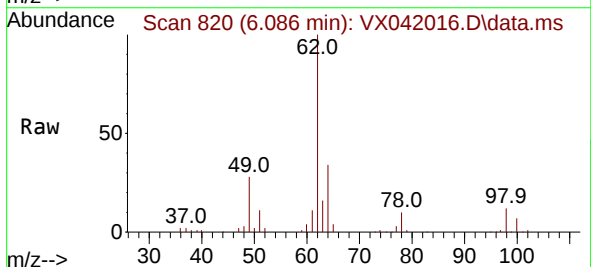
Reviewed By :John Carlone 06/25/2024

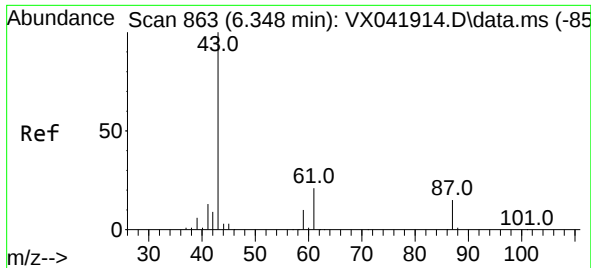
Supervised By :Mahesh Dadoda 06/25/2024



#42
1,2-Dichloroethane
Concen: 51.443 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

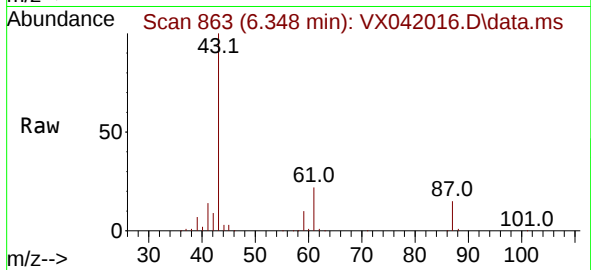
Tgt Ion: 62 Resp: 107293
Ion Ratio Lower Upper
62 100
98 10.9 0.0 16.0





#43
Isopropyl Acetate
Concen: 51.624 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

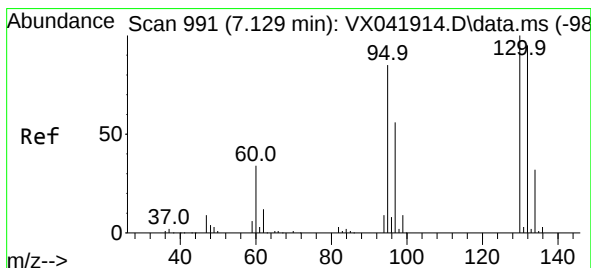
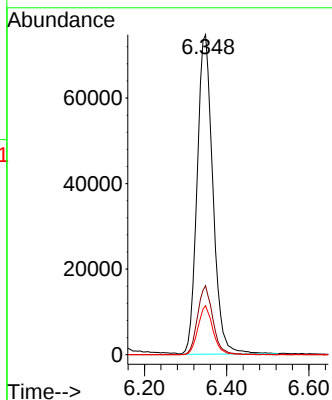
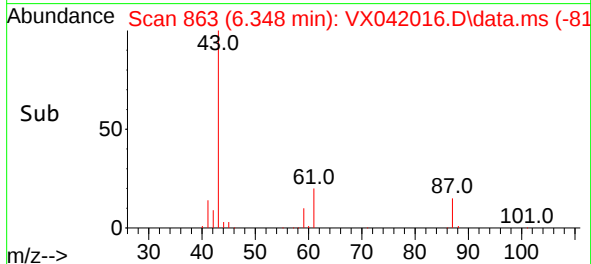
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 198174
Ion Ratio Lower Upper
43 100
61 20.9 15.2 22.8
87 14.6 9.8 14.6

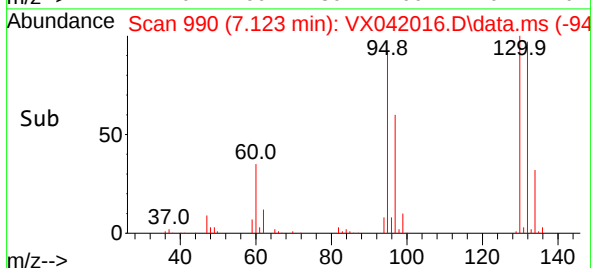
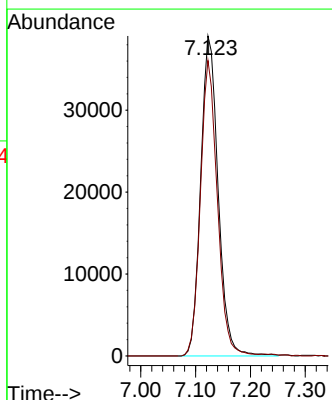
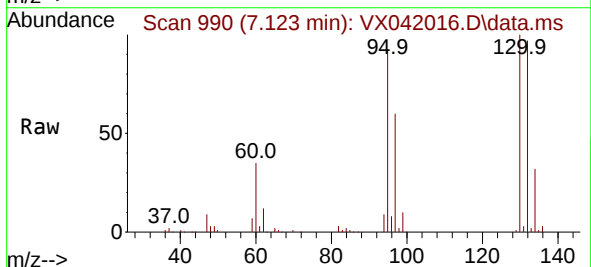
Manual Integrations
APPROVED

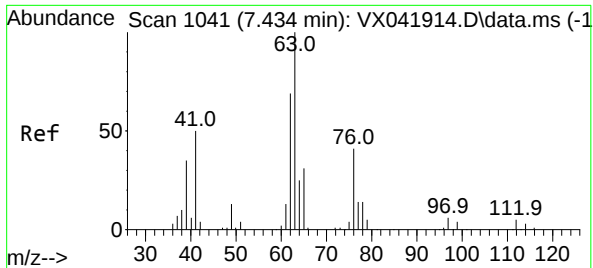
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#44
Trichloroethene
Concen: 49.838 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Tgt Ion:130 Resp: 86500
Ion Ratio Lower Upper
130 100
95 92.3 0.0 204.4





#45

1,2-Dichloropropane

Concen: 52.082 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 82920

Ion Ratio Lower Upper

63 100

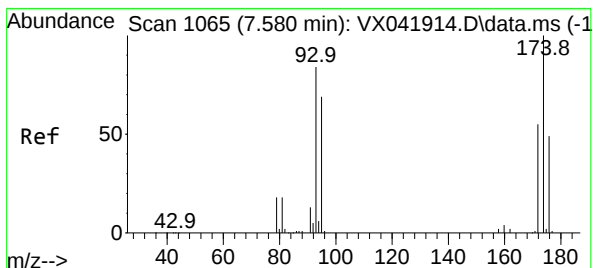
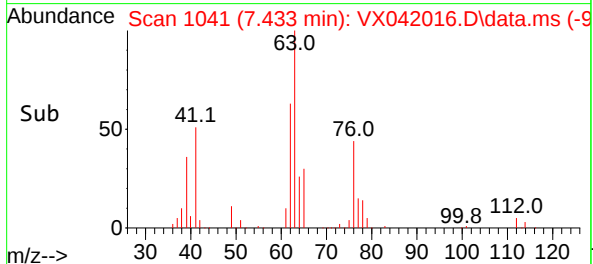
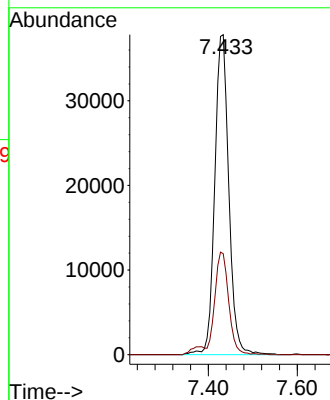
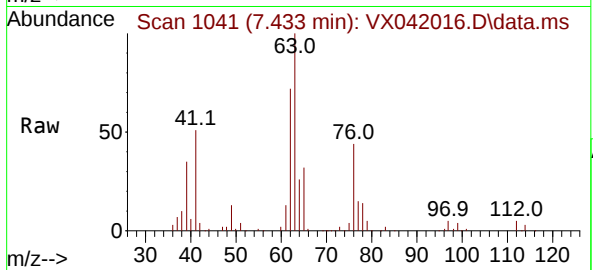
65 31.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#46

Dibromomethane

Concen: 51.663 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

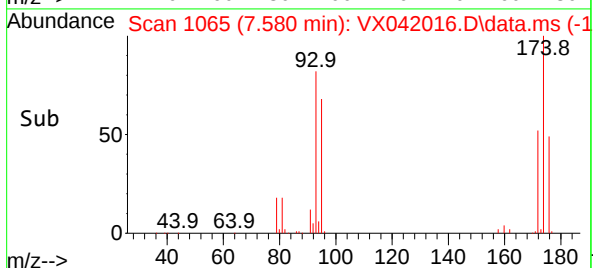
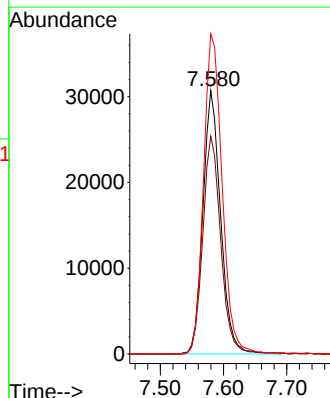
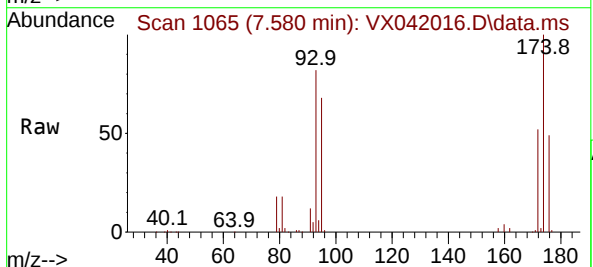
Tgt Ion: 93 Resp: 59931

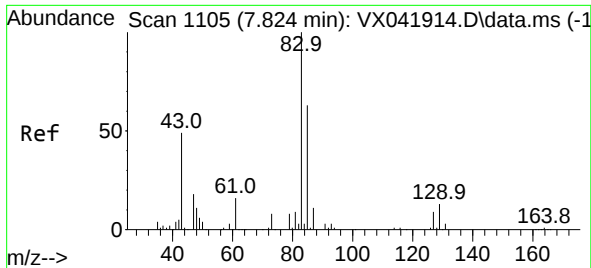
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

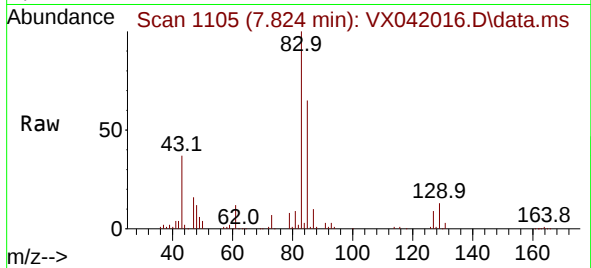
174 127.5 69.4 104.0#





#47
Bromodichloromethane
Concen: 53.754 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

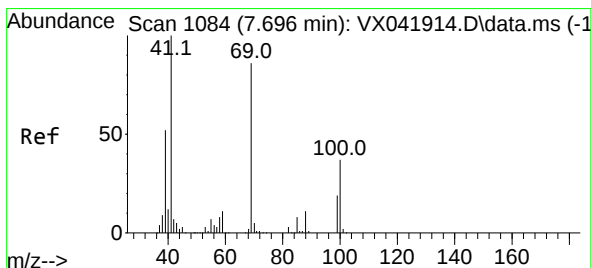
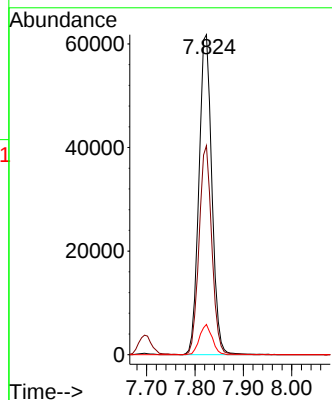
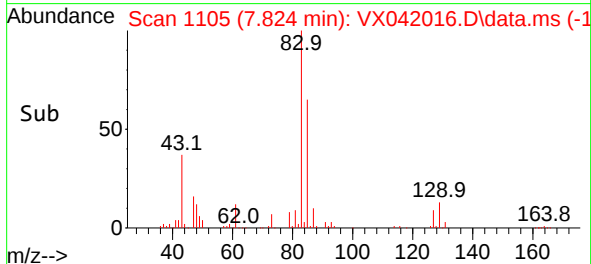
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 114480
Ion Ratio Lower Upper
83 100
85 65.3 49.8 74.6
127 9.5 7.1 10.7

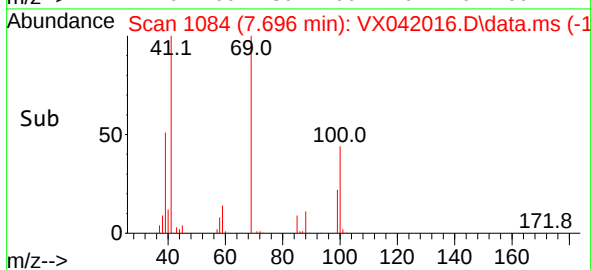
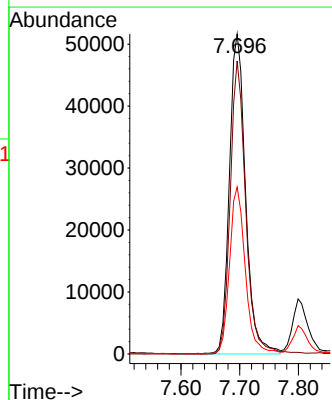
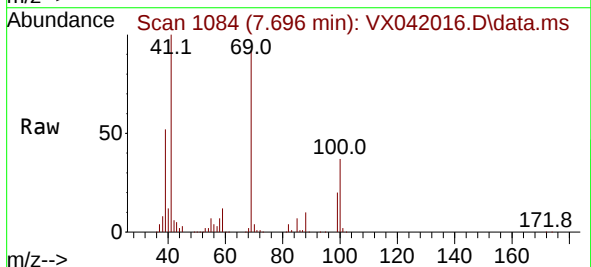
Manual Integrations
APPROVED

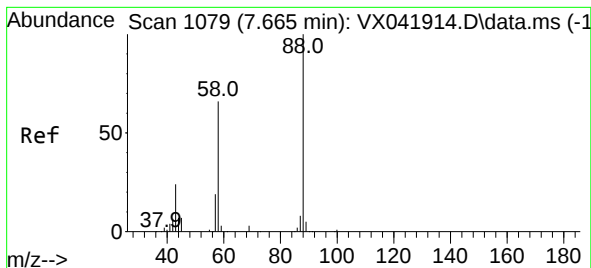
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#48
Methyl methacrylate
Concen: 54.014 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Tgt Ion: 41 Resp: 98956
Ion Ratio Lower Upper
41 100
69 87.8 59.2 88.8
39 50.9 47.7 71.5





#49

1,4-Dioxane

Concen: 994.666 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

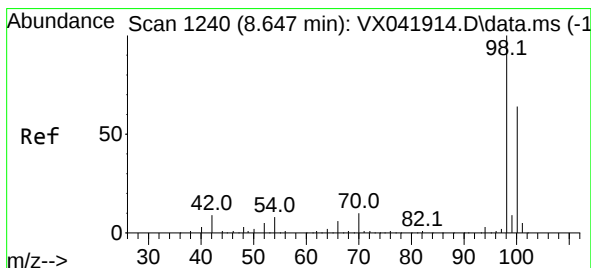
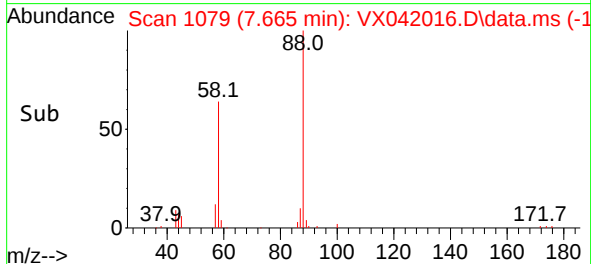
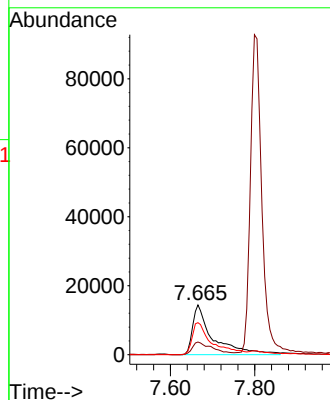
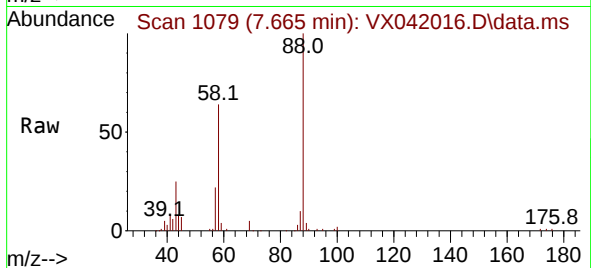
Tgt Ion: 88 Resp: 48212
 Ion Ratio Lower Upper
 88 100
 43 25.8 0.0 0.0
 58 62.2 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#50

Toluene-d8

Concen: 48.257 ug/l

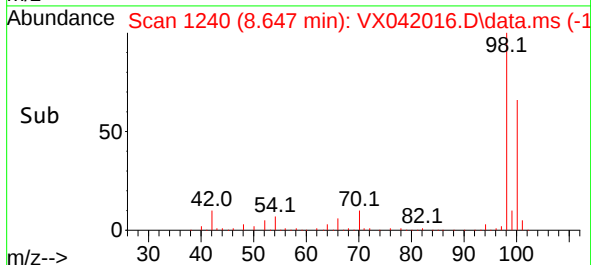
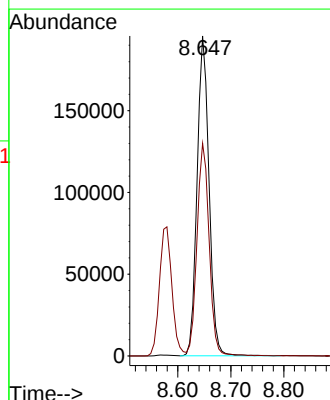
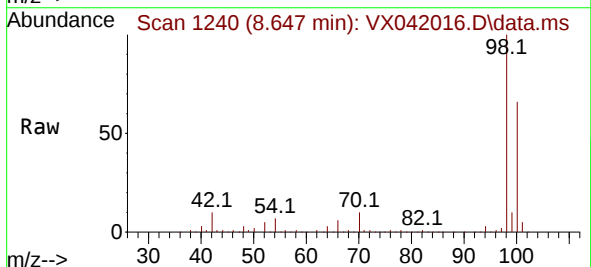
RT: 8.647 min Scan# 1240

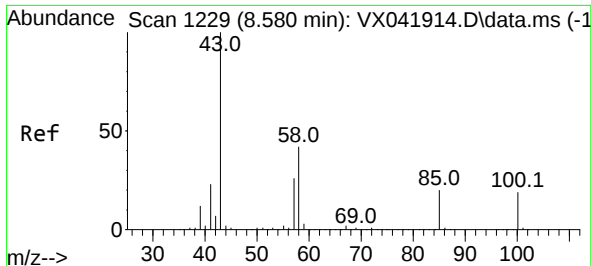
Delta R.T. 0.000 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Tgt Ion: 98 Resp: 306502
 Ion Ratio Lower Upper
 98 100
 100 67.5 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 267.854 ug/l

RT: 8.574 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 708289

Ion Ratio Lower Upper

43 100

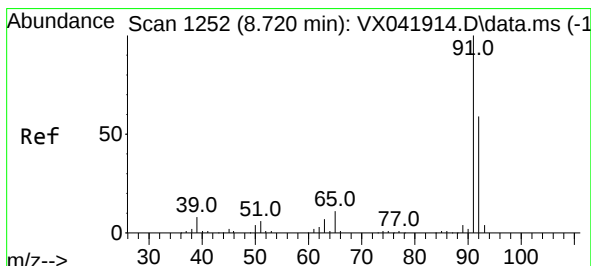
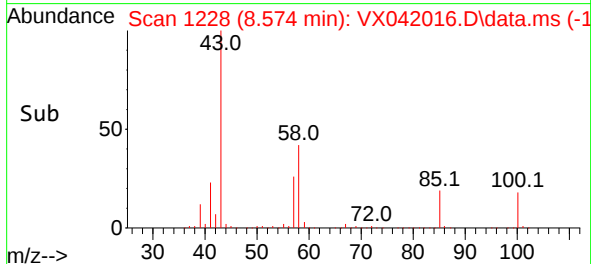
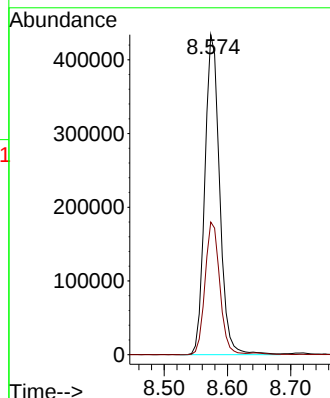
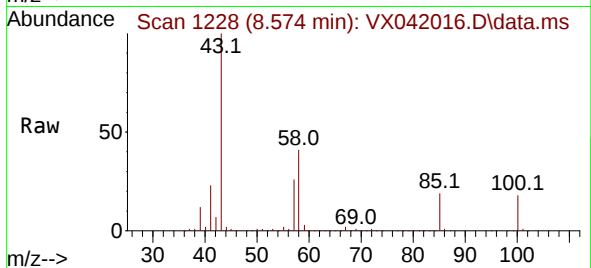
58 41.2 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#52

Toluene

Concen: 51.251 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX042016.D

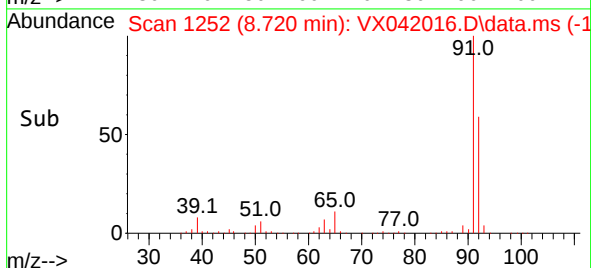
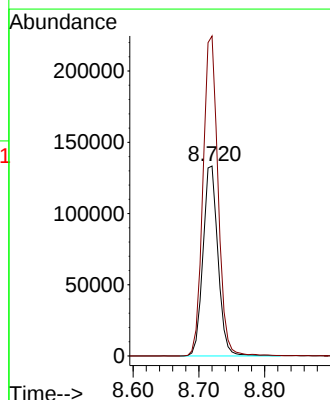
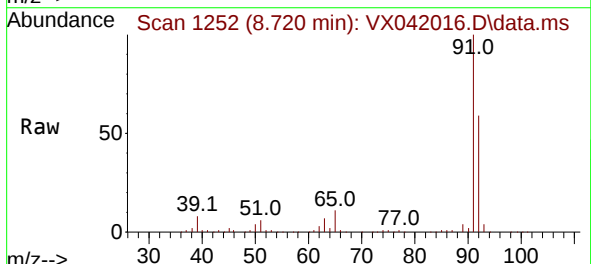
Acq: 24 Jun 2024 19:47

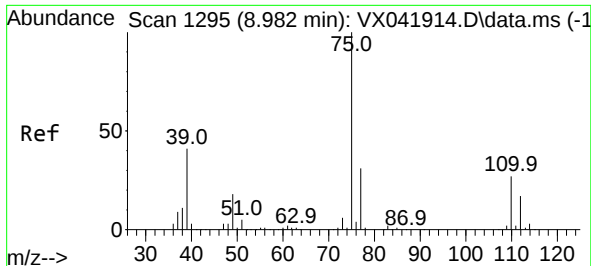
Tgt Ion: 92 Resp: 211319

Ion Ratio Lower Upper

92 100

91 169.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 49.407 ug/l

RT: 8.976 min Scan# 1124

Delta R.T. -0.006 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 11124

Ion Ratio Lower Upper

75 100

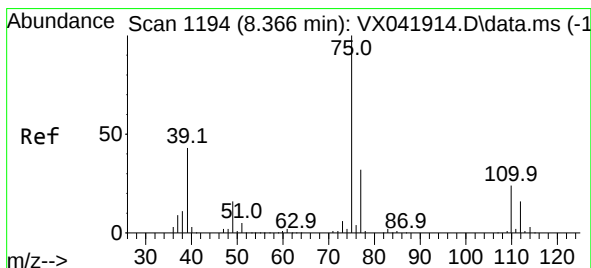
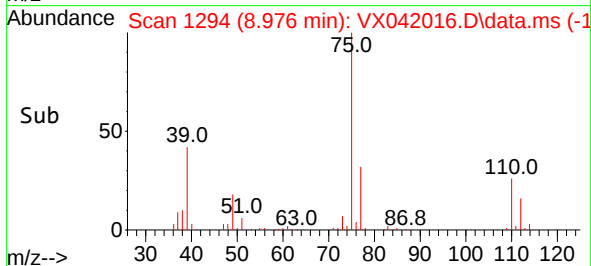
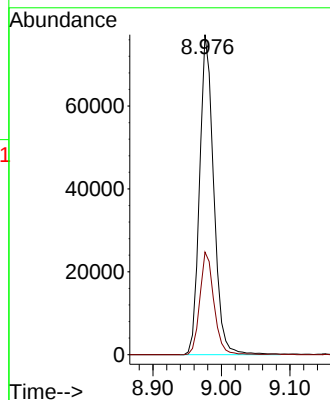
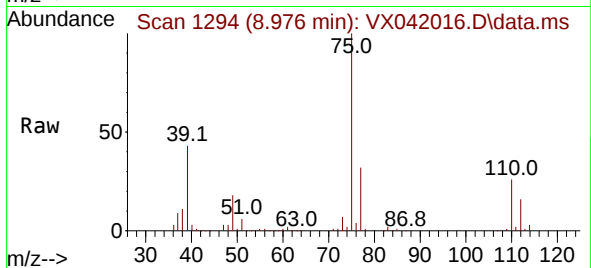
77 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#54

cis-1,3-Dichloropropene

Concen: 53.487 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

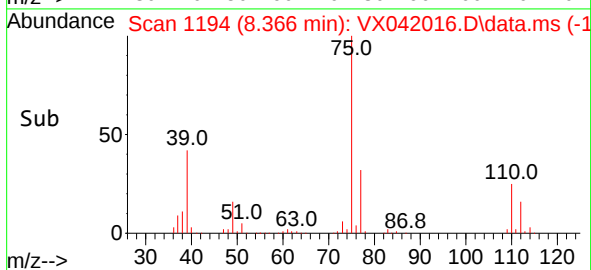
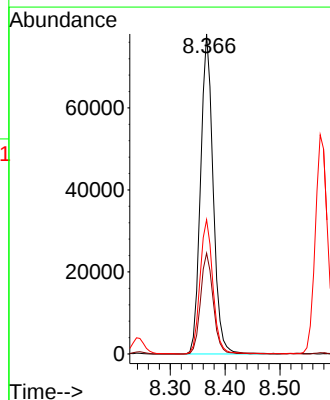
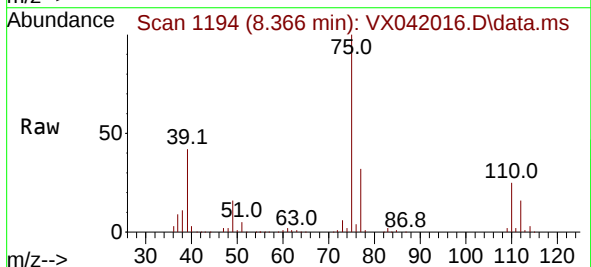
Tgt Ion: 75 Resp: 124720

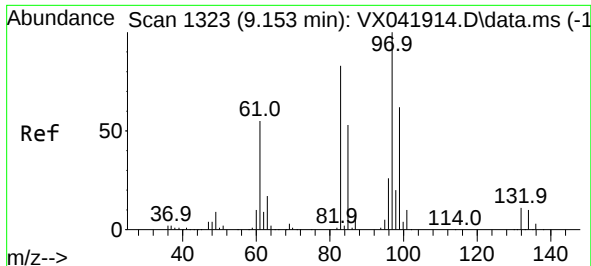
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

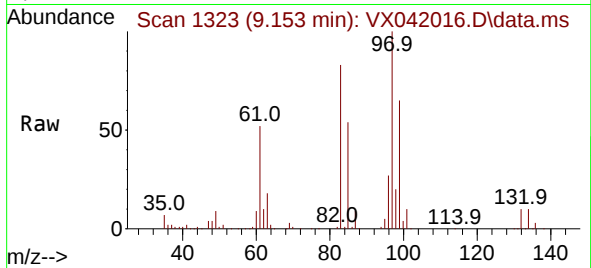
39 41.9 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 53.350 ug/l
RT: 9.153 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

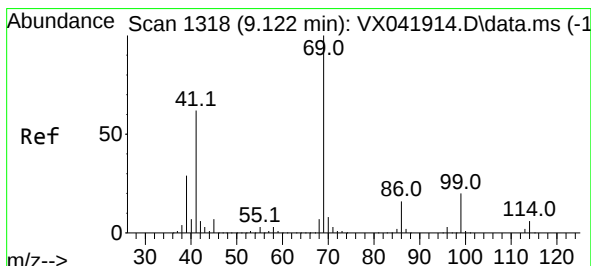
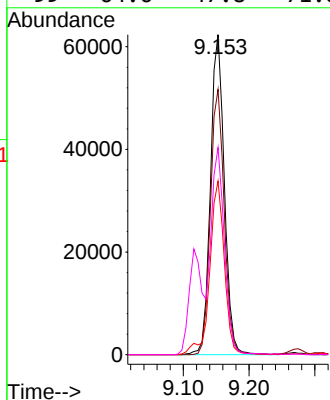
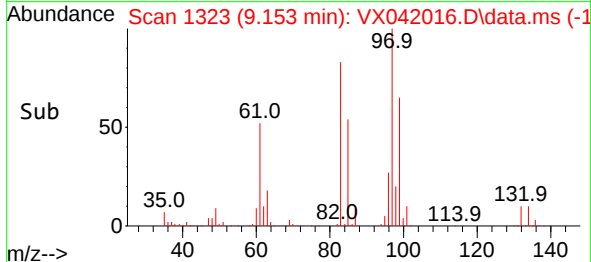
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



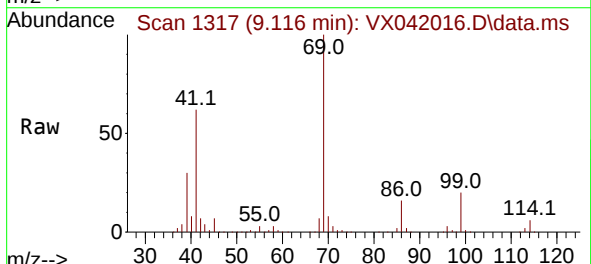
Tgt Ion:	97	Resp:	9163
Ion	Ratio	Lower	Upper
97	100		
83	82.9	65.8	98.8
85	54.3	41.6	62.4
99	64.6	47.8	71.8

Manual Integrations
APPROVED

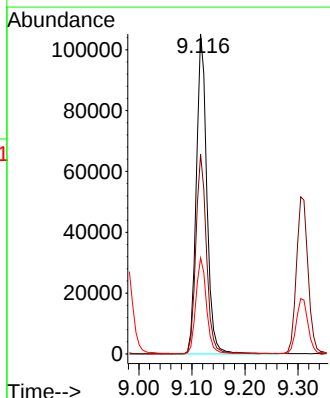
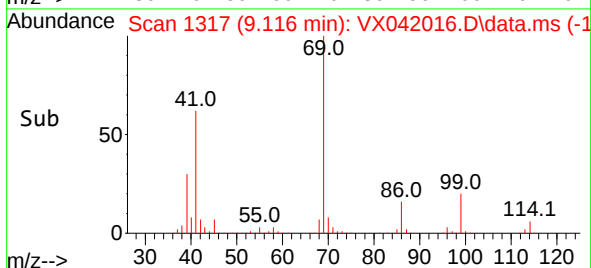
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

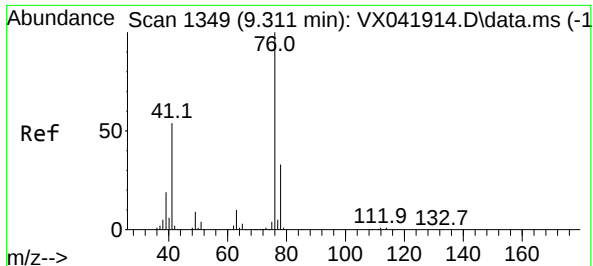


#56
Ethyl methacrylate
Concen: 54.361 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47



Tgt Ion:	69	Resp:	145263
Ion	Ratio	Lower	Upper
69	100		
41	62.3	56.8	85.2
39	30.6	32.0	48.0





#57
1,3-Dichloropropane
Concen: 52.819 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

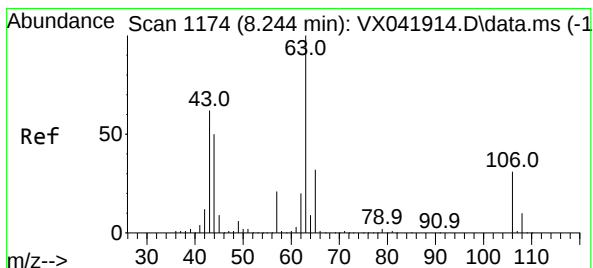
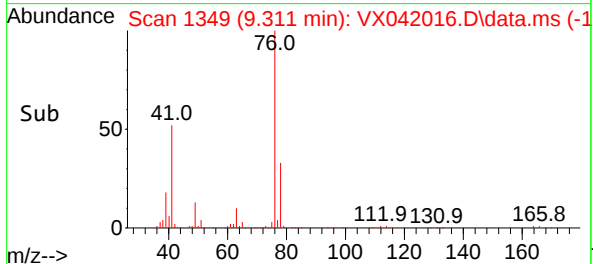
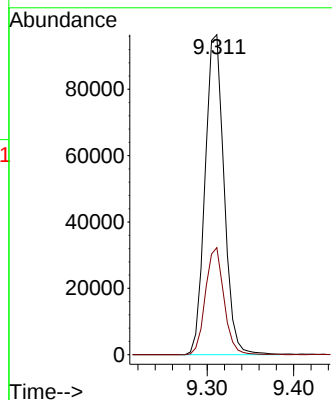
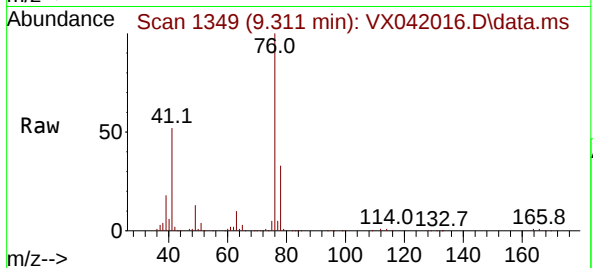
VSTDCCC050EC

Tgt Ion: 76 Resp: 146578
Ion Ratio Lower Upper
76 100
78 32.8 26.1 39.1

Manual Integrations

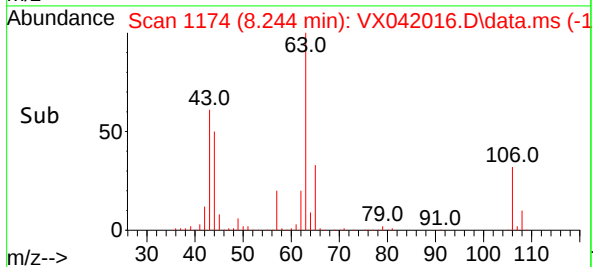
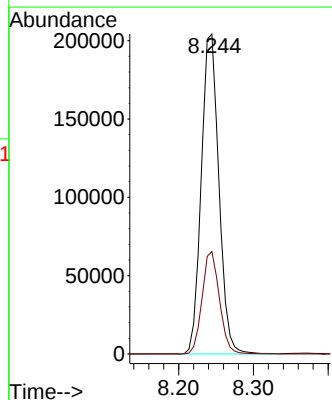
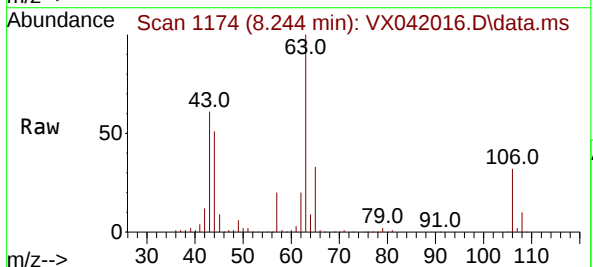
APPROVED

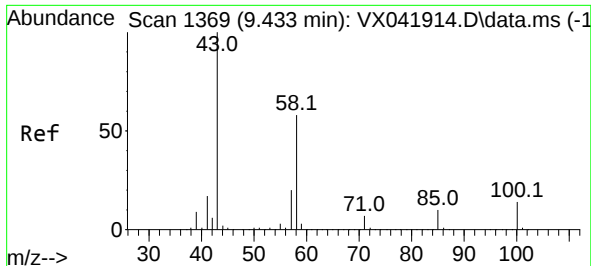
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#58
2-Chloroethyl Vinyl ether
Concen: 268.228 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Tgt Ion: 63 Resp: 334015
Ion Ratio Lower Upper
63 100
106 31.5 22.5 33.7





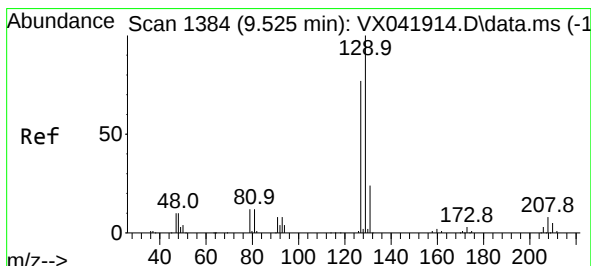
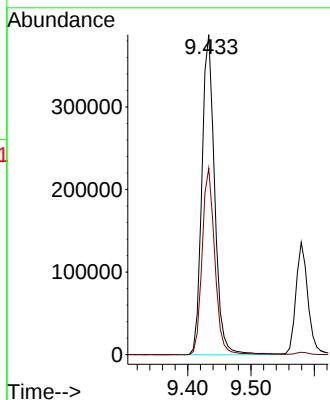
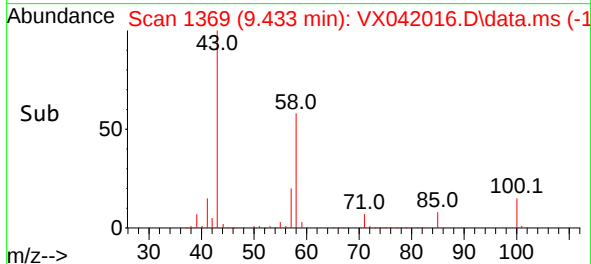
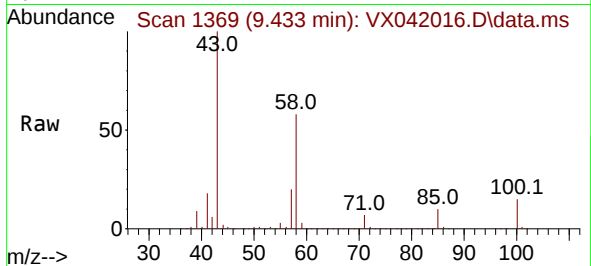
#59
2-Hexanone
Concen: 269.084 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 544979
Ion Ratio Lower Upper
43 100
58 58.0 26.2 78.5

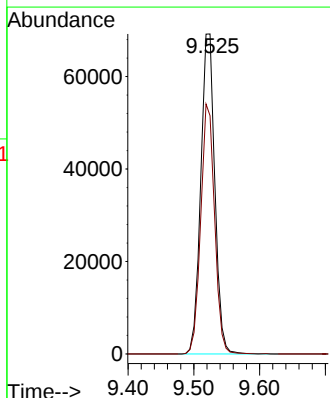
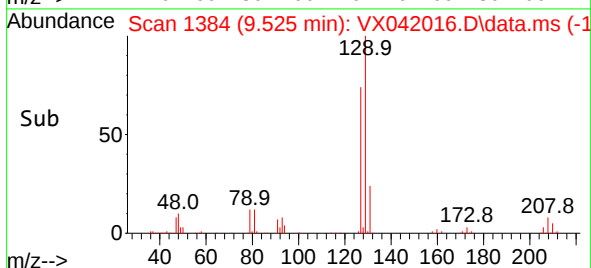
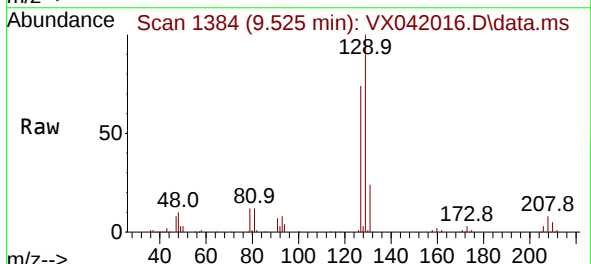
Manual Integrations
APPROVED

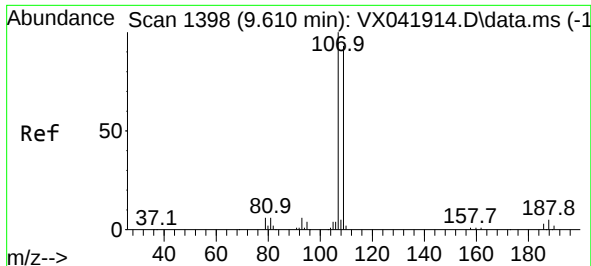
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#60
Dibromochloromethane
Concen: 55.226 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

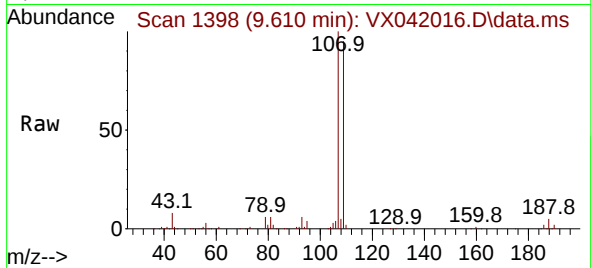
Tgt Ion:129 Resp: 103040
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.134 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

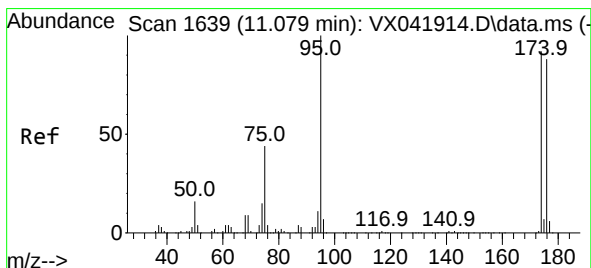
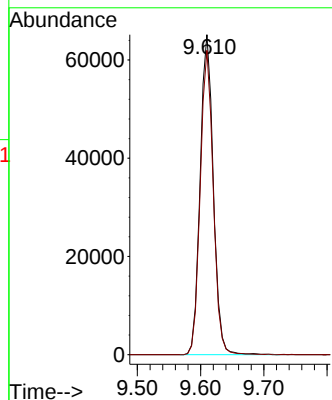
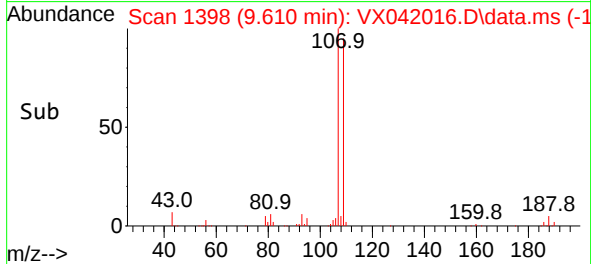
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



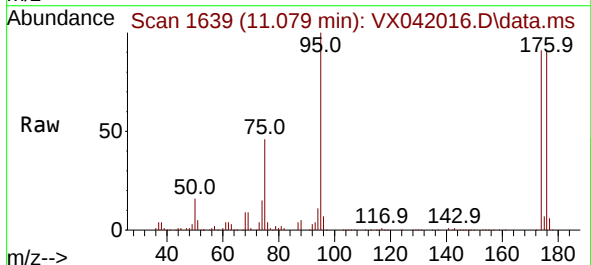
Tgt Ion:107 Resp: 94650
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8

Manual Integrations
APPROVED

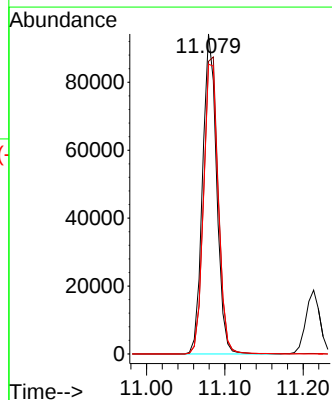
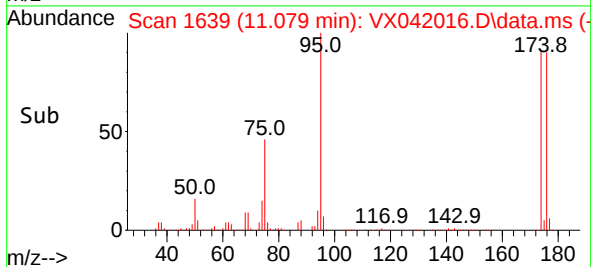
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

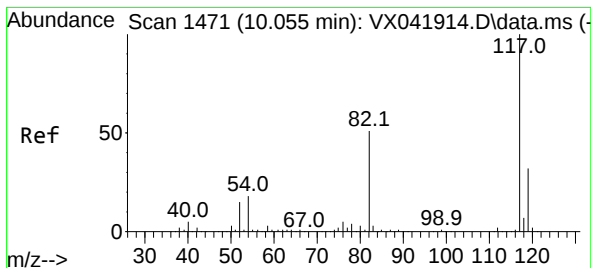


#62
4-Bromofluorobenzene
Concen: 50.036 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47



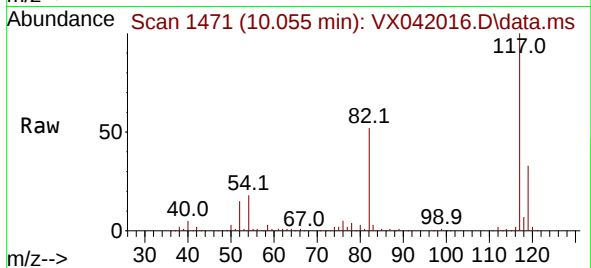
Tgt Ion: 95 Resp: 117148
Ion Ratio Lower Upper
95 100
174 96.9 0.0 135.6
176 95.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

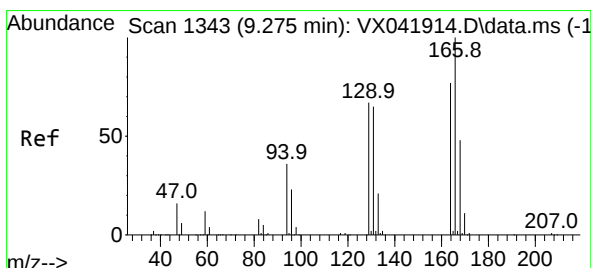
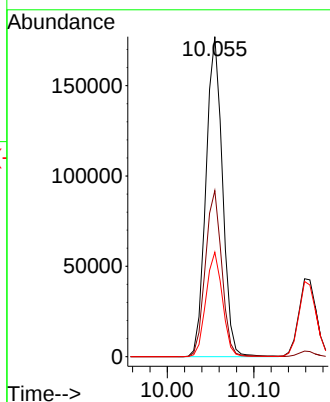
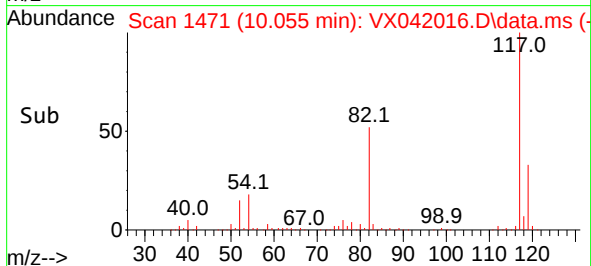
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 235009
Ion Ratio Lower Upper
117 100
82 51.9 46.2 69.4
119 32.6 25.5 38.3

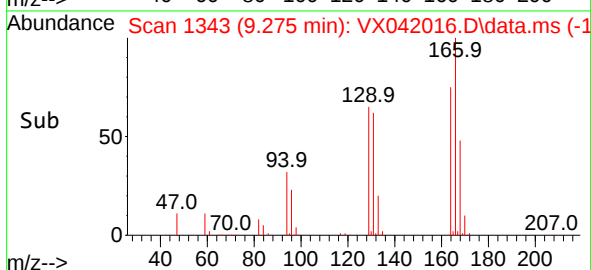
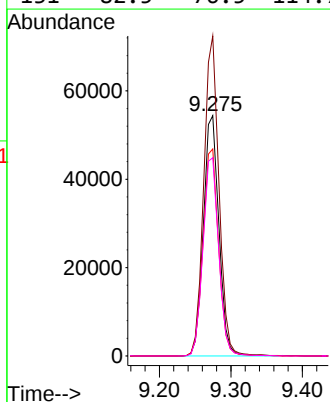
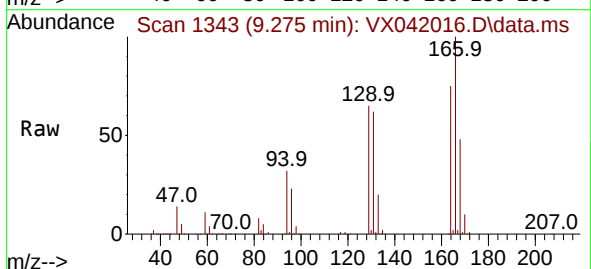
Manual Integrations
APPROVED

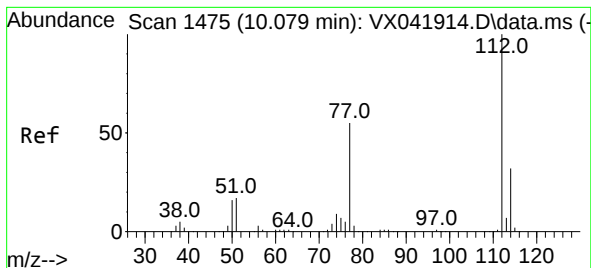
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#64
Tetrachloroethene
Concen: 48.050 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Tgt Ion:164 Resp: 82218
Ion Ratio Lower Upper
164 100
166 133.2 102.7 154.1
129 86.2 80.4 120.6
131 82.5 76.5 114.7





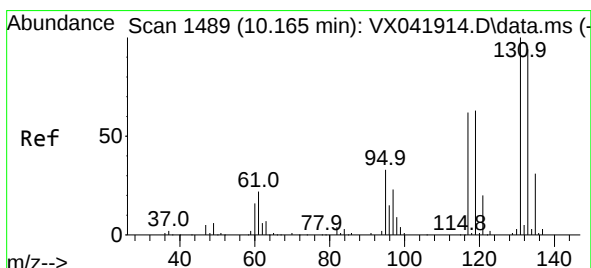
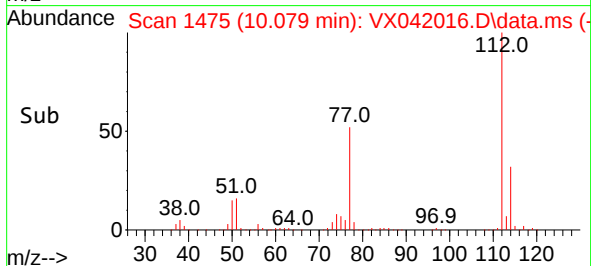
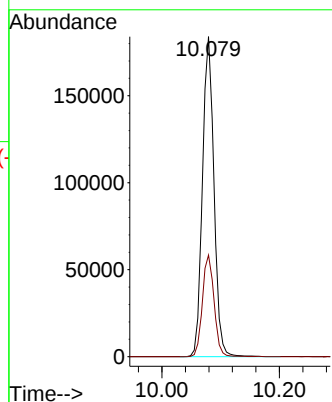
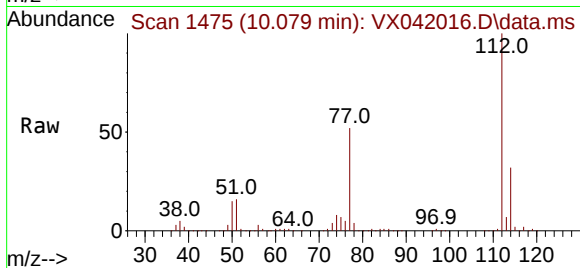
#65
Chlorobenzene
Concen: 51.018 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 249354
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

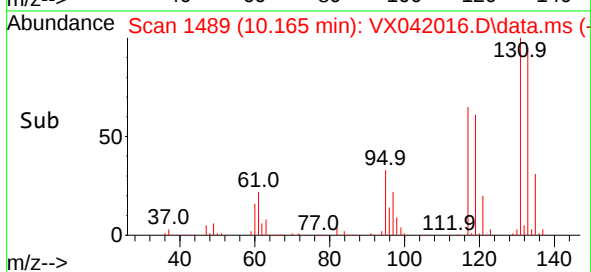
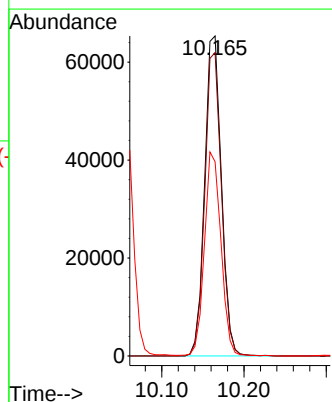
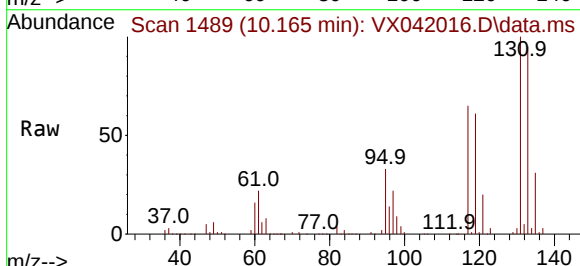
Manual Integrations
APPROVED

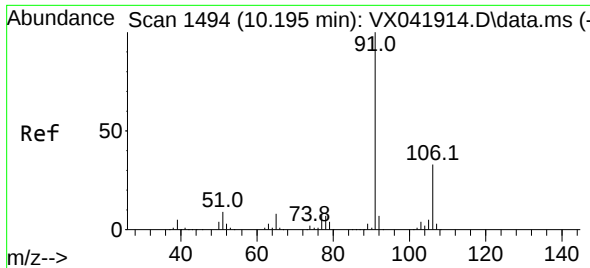
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 53.969 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

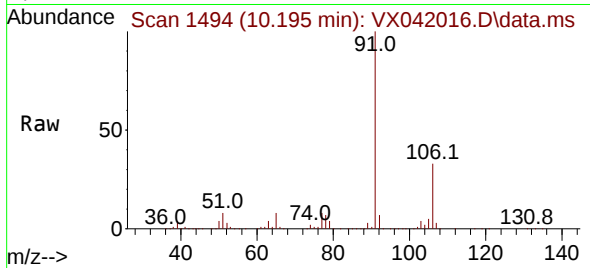
Tgt Ion:131 Resp: 92352
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.4
119 63.1 32.2 96.6





#67
Ethyl Benzene
Concen: 52.424 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

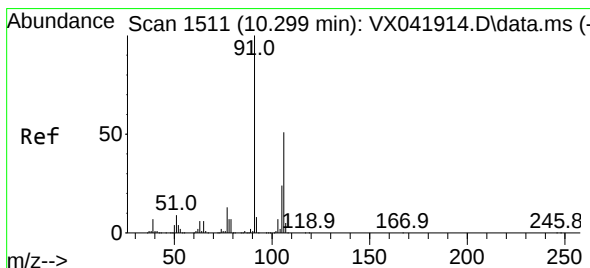
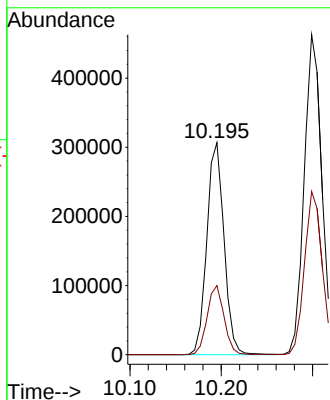
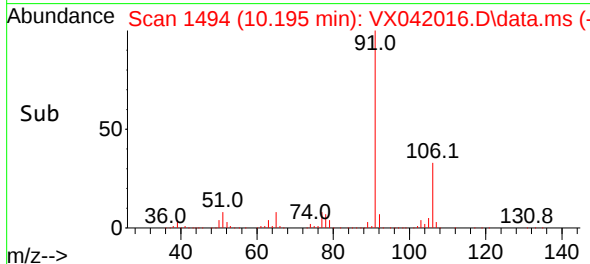
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



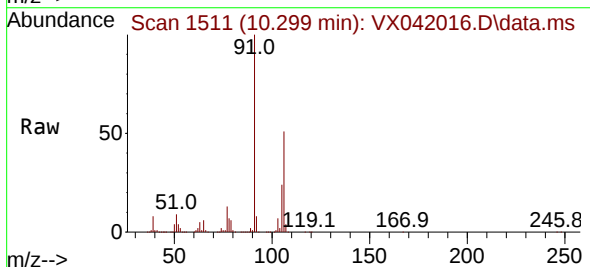
Tgt Ion: 91 Resp: 401548
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3

Manual Integrations
APPROVED

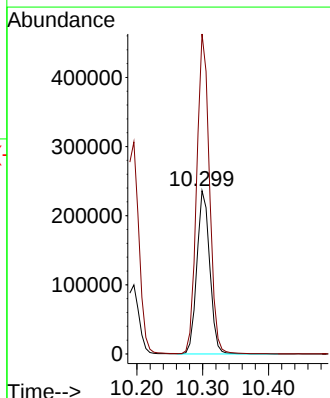
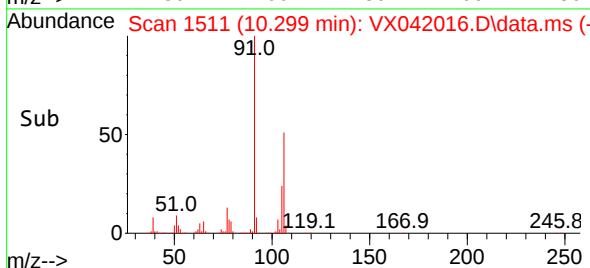
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

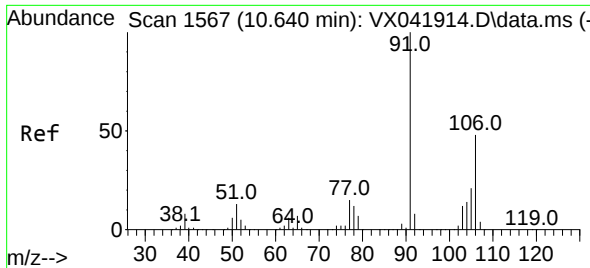


#68
m/p-Xylenes
Concen: 103.489 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47



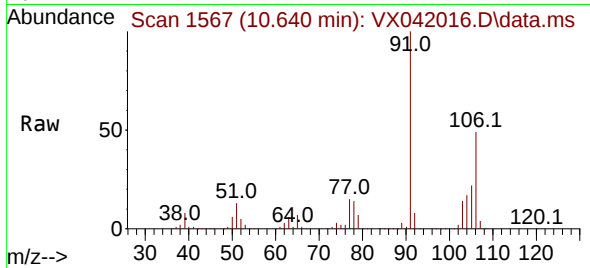
Tgt Ion:106 Resp: 319990
Ion Ratio Lower Upper
106 100
91 194.6 165.5 248.3





#69
o-Xylene
Concen: 52.764 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

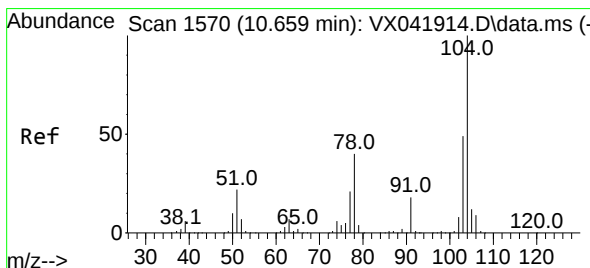
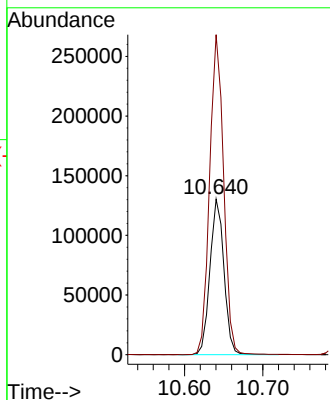
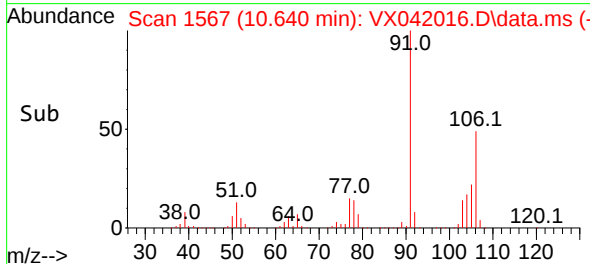
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 16152
Ion Ratio Lower Upper
106 100
91 205.6 108.9 326.8

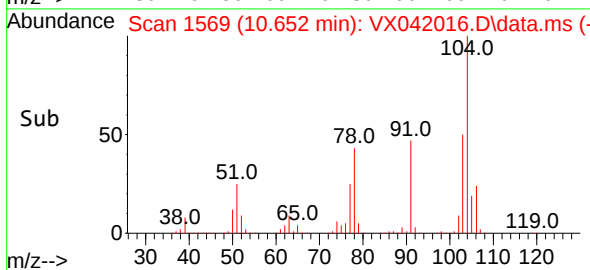
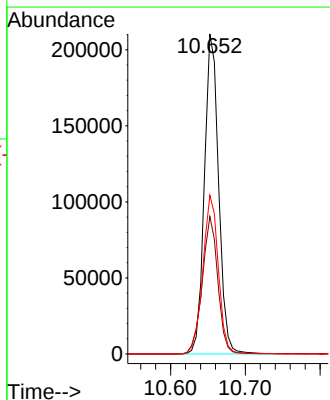
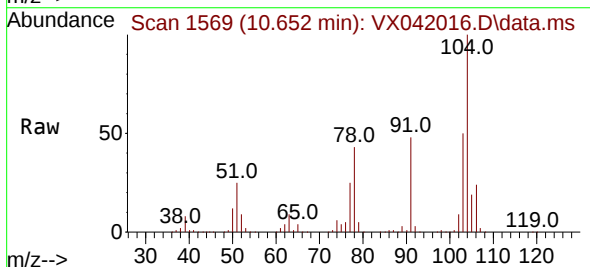
Manual Integrations
APPROVED

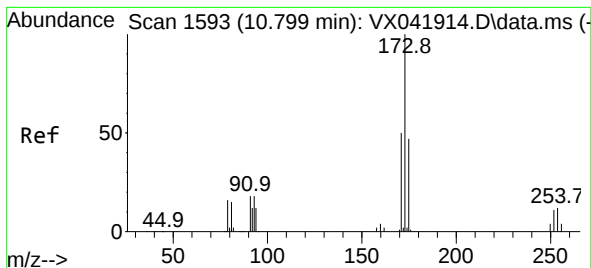
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#70
Styrene
Concen: 54.268 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Tgt Ion:104 Resp: 278572
Ion Ratio Lower Upper
104 100
78 46.9 43.6 65.4
103 54.1 43.6 65.4





#71

Bromoform

Concen: 50.825 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

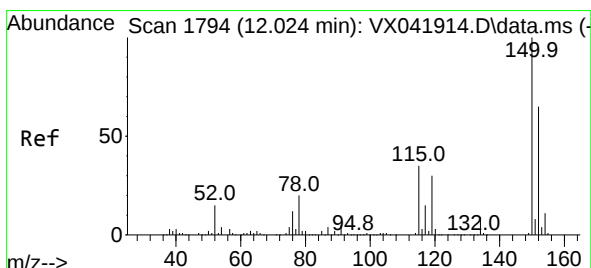
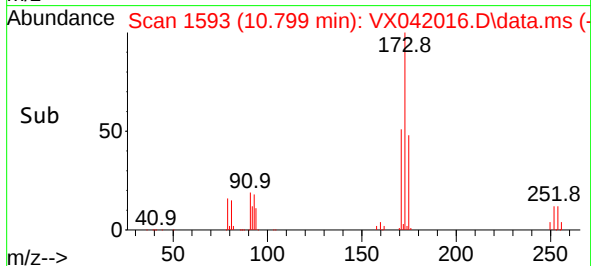
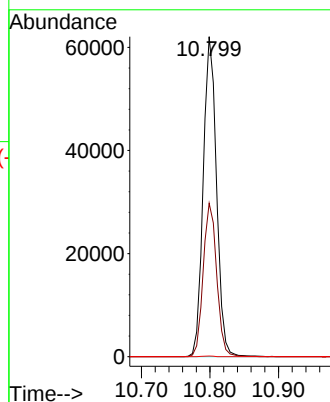
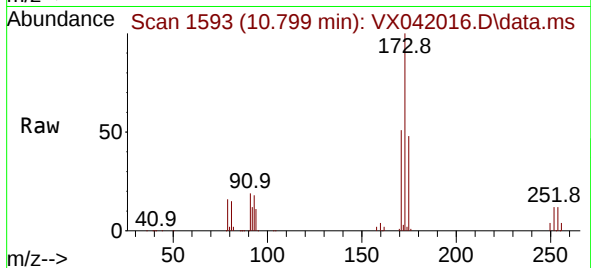
Tgt Ion:	173	Resp:	84000
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.1	72.4
254	0.2	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

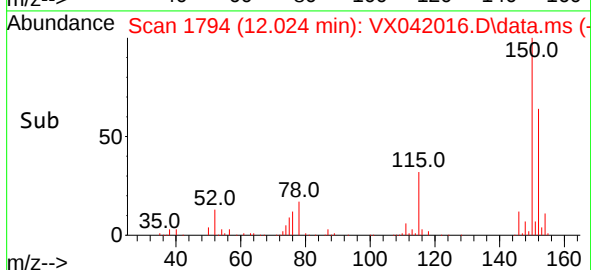
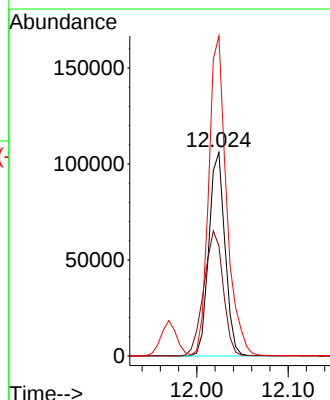
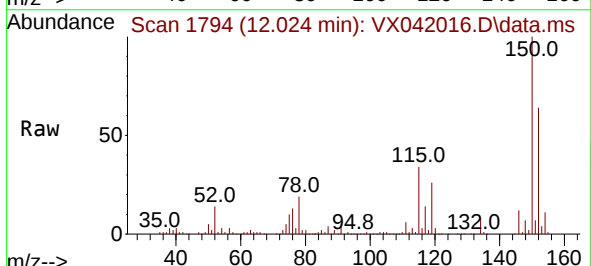
RT: 12.024 min Scan# 1794

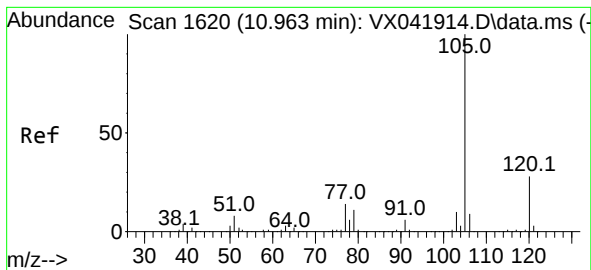
Delta R.T. -0.000 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Tgt Ion:	152	Resp:	129426
Ion Ratio	Lower	Upper	
152	100		
115	74.1	43.3	129.9
150	173.8	0.0	345.0





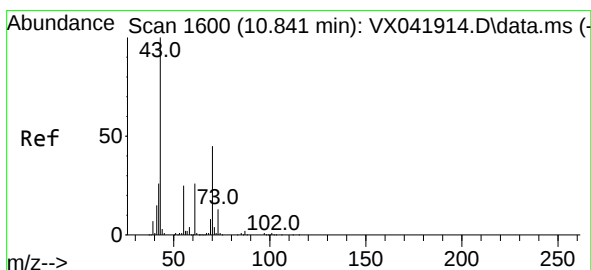
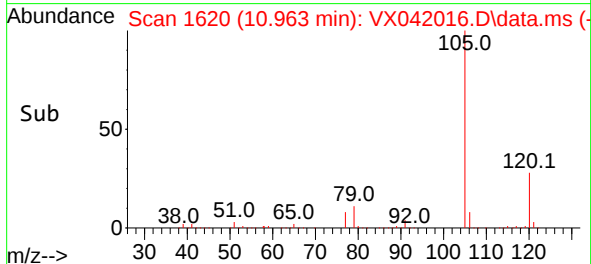
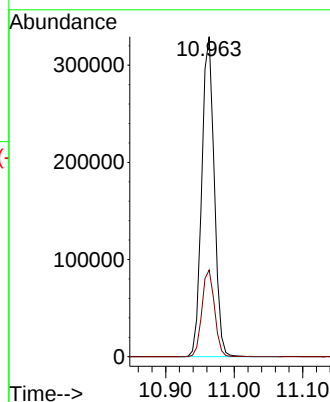
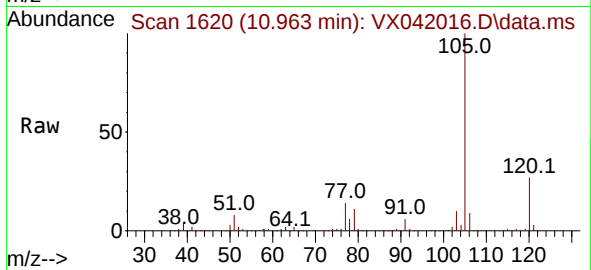
#73
Isopropylbenzene
Concen: 53.183 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 418529
Ion Ratio Lower Upper
105 100
120 27.4 12.9 38.6

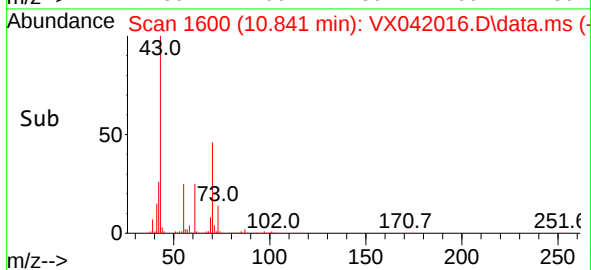
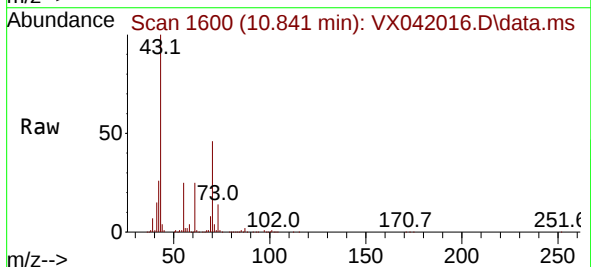
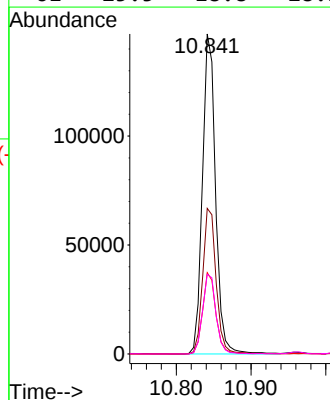
Manual Integrations
APPROVED

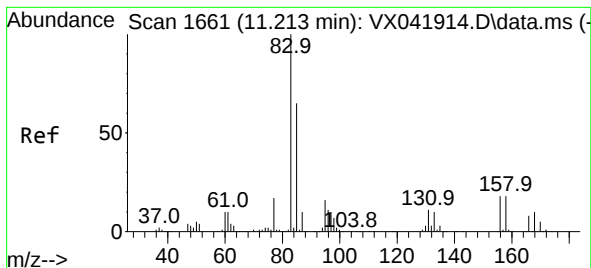
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#74
N-ethyl acetate
Concen: 51.282 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

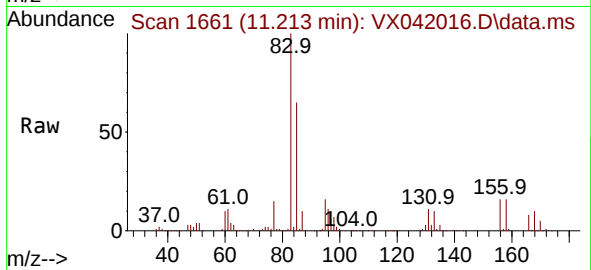
Tgt Ion: 43 Resp: 179264
Ion Ratio Lower Upper
43 100
70 46.7 32.9 49.3
55 25.7 19.3 28.9
61 25.5 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.742 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

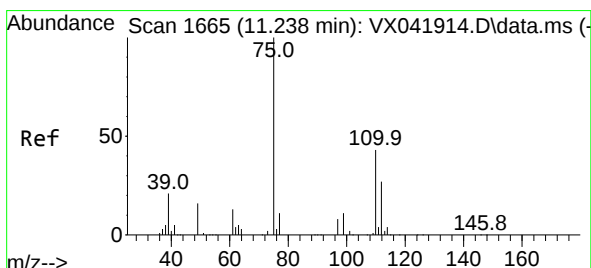
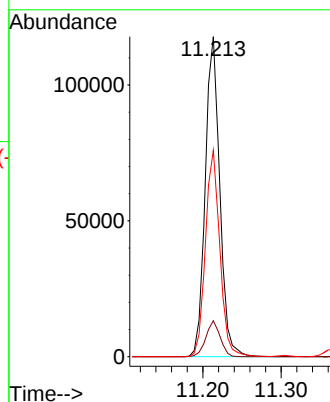
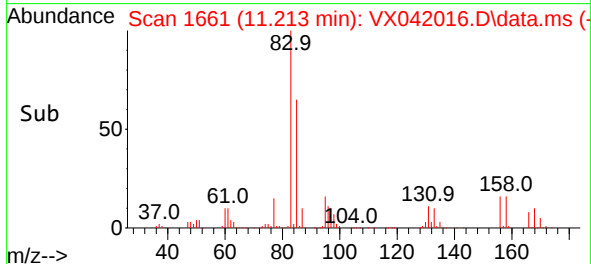
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



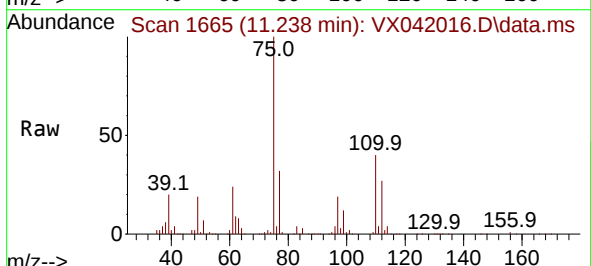
Tgt Ion: 83 Resp: 151404
Ion Ratio Lower Upper
83 100
131 11.0 5.3 15.8
85 64.1 32.0 96.2

Manual Integrations
APPROVED

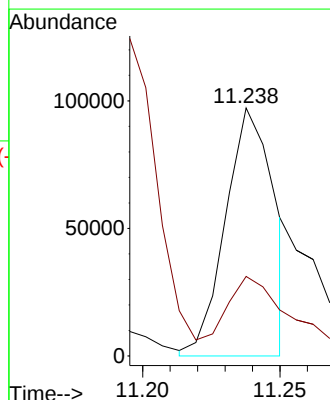
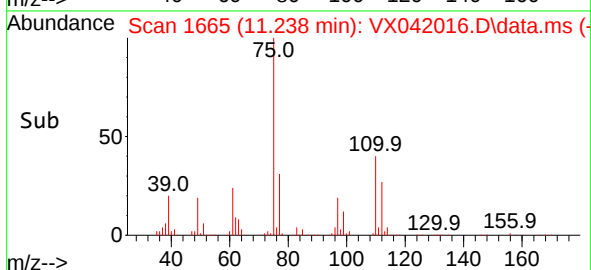
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

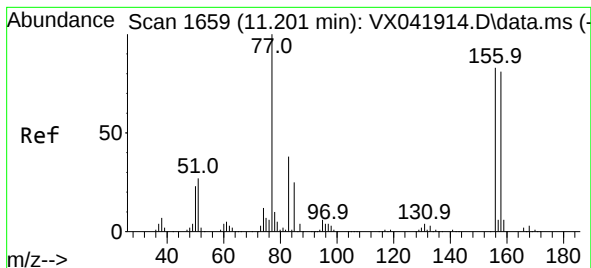


#76
1,2,3-Trichloropropane
Concen: 51.001 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47



Tgt Ion: 75 Resp: 119833
Ion Ratio Lower Upper
75 100
77 43.5 19.1 57.5





#77

Bromobenzene

Concen: 51.262 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

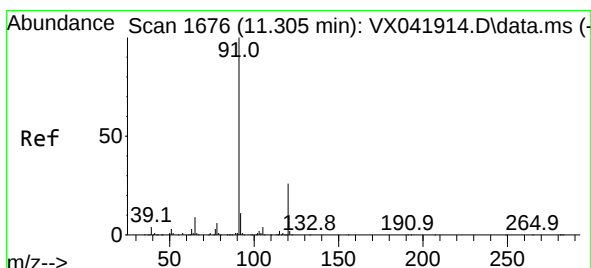
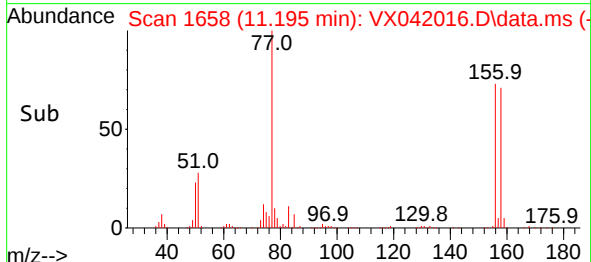
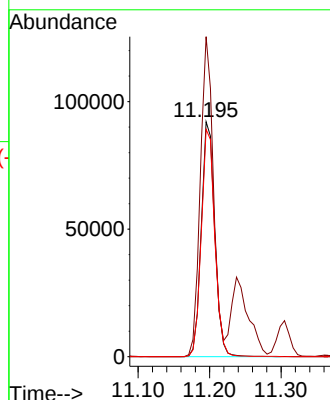
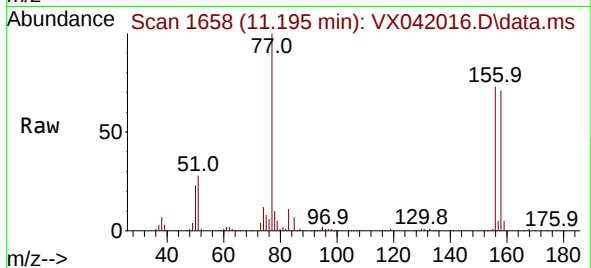
Tgt Ion:	156	Resp:	120140
Ion	Ratio	Lower	Upper
156	100		
77	132.2	88.4	265.3
158	97.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#78

n-propylbenzene

Concen: 53.387 ug/l

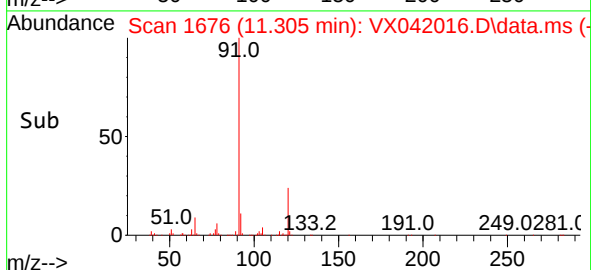
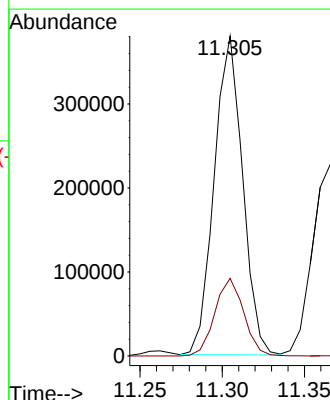
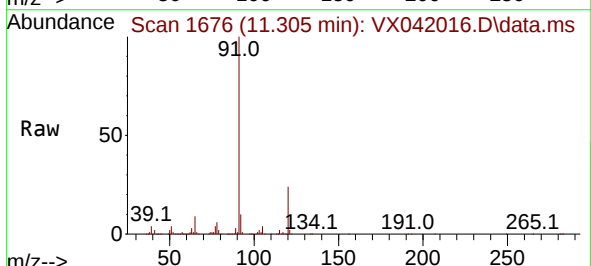
RT: 11.305 min Scan# 1676

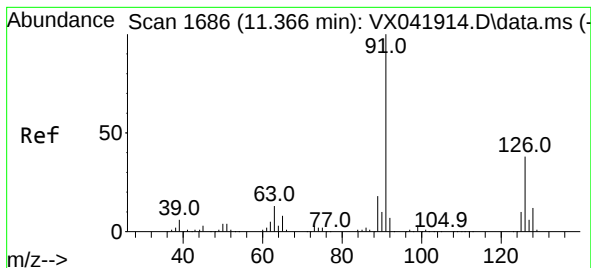
Delta R.T. -0.000 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Tgt Ion:	91	Resp:	455862
Ion	Ratio	Lower	Upper
91	100		
120	24.7	11.5	34.4





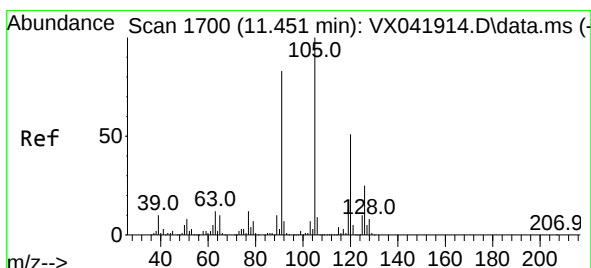
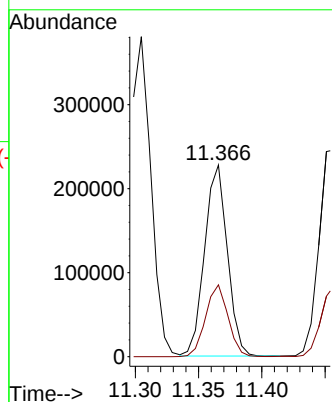
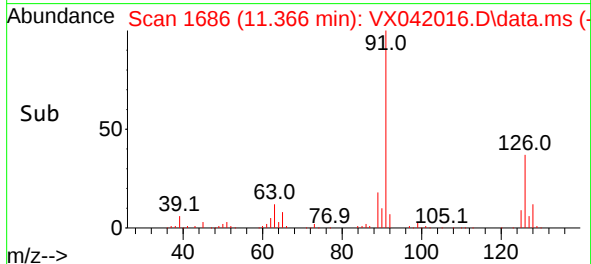
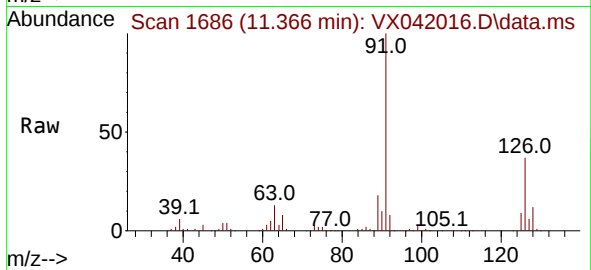
#79
2-Chlorotoluene
Concen: 51.762 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 284760
Ion Ratio Lower Upper
91 100
126 37.2 16.3 48.8

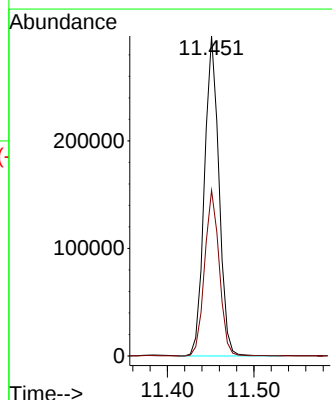
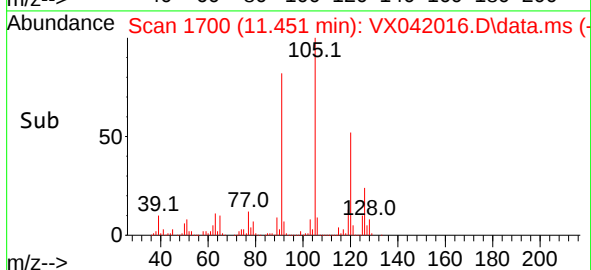
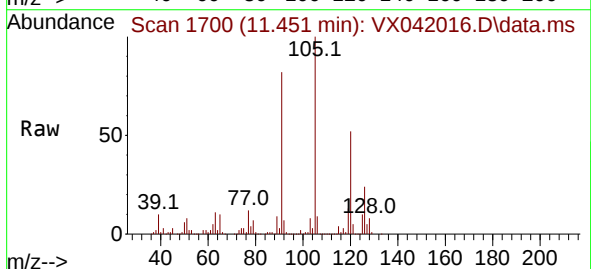
Manual Integrations
APPROVED

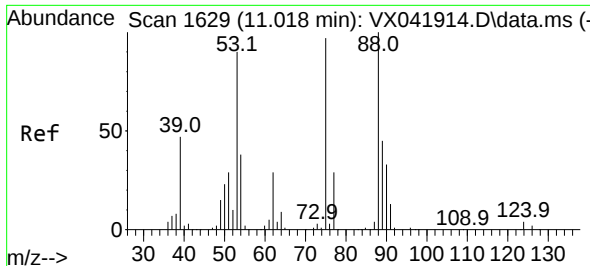
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 52.793 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

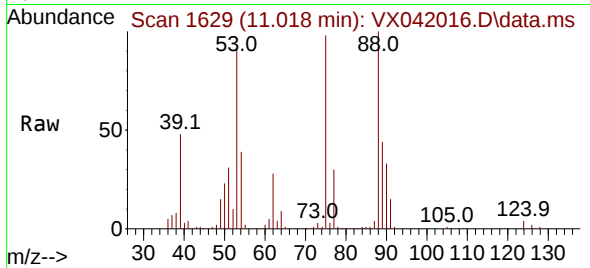
Tgt Ion:105 Resp: 346048
Ion Ratio Lower Upper
105 100
120 52.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 50.471 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

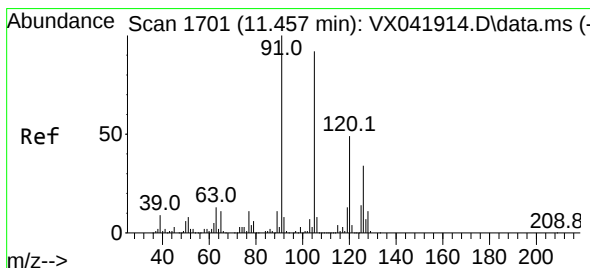
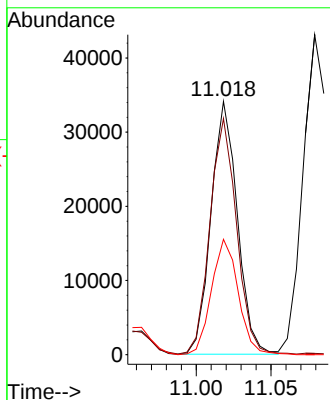
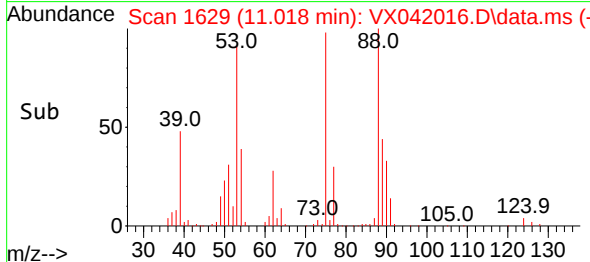
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 4175
Ion Ratio Lower Upper
75 100
53 94.2 90.5 135.7
89 46.5 36.9 55.3

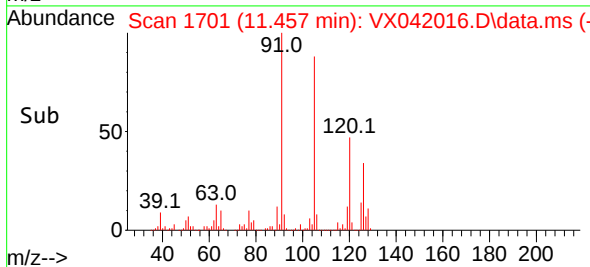
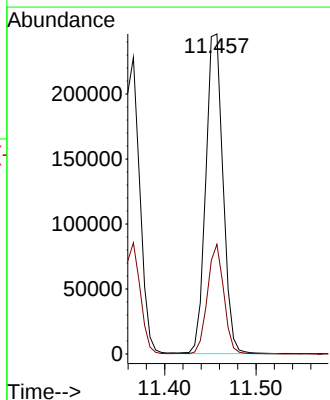
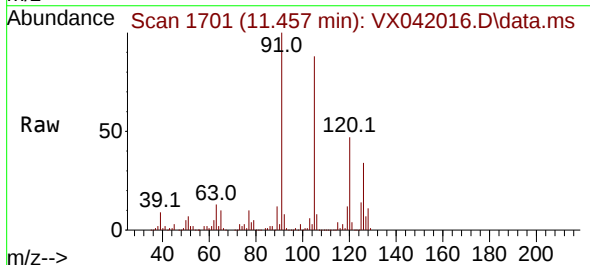
Manual Integrations
APPROVED

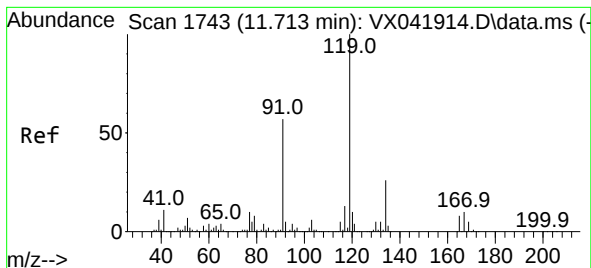
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#82
4-Chlorotoluene
Concen: 52.871 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Tgt Ion: 91 Resp: 321541
Ion Ratio Lower Upper
91 100
126 32.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 53.826 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

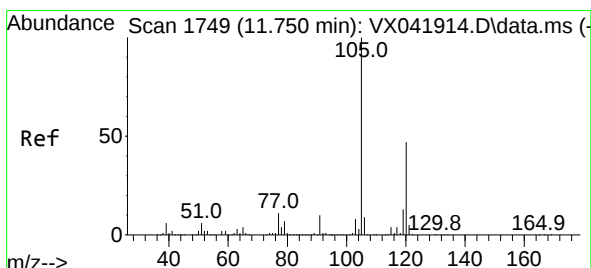
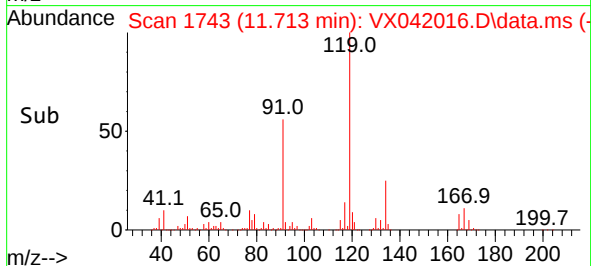
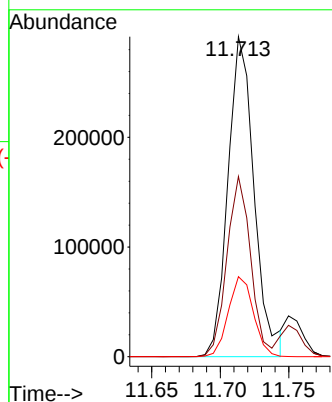
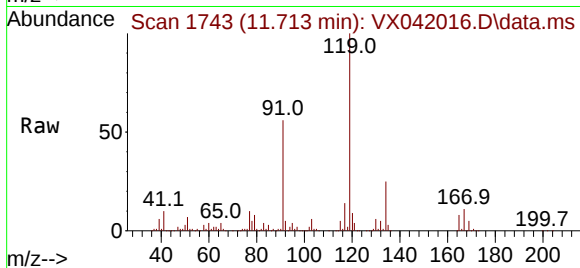
Tgt Ion:	119	Resp:	387134
Ion	Ratio	Lower	Upper
119	100		
91	51.2	31.2	93.6
134	24.1	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#84

1,2,4-Trimethylbenzene

Concen: 53.898 ug/l

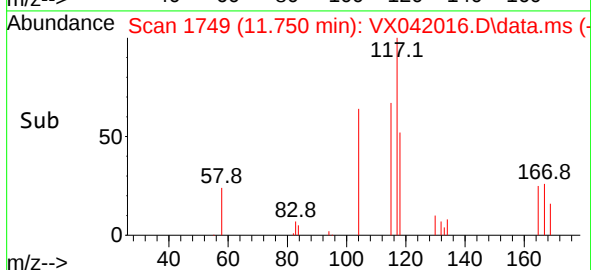
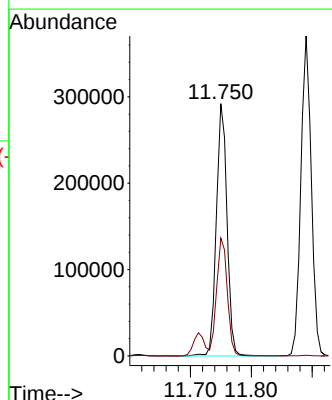
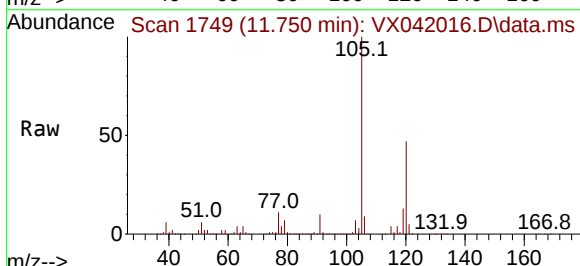
RT: 11.750 min Scan# 1749

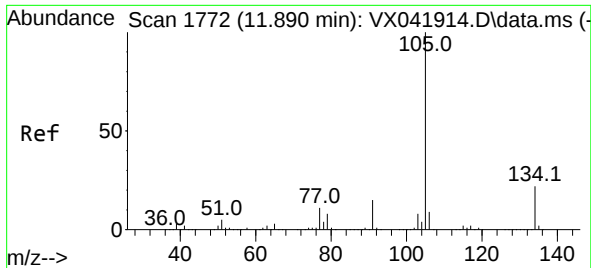
Delta R.T. 0.000 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

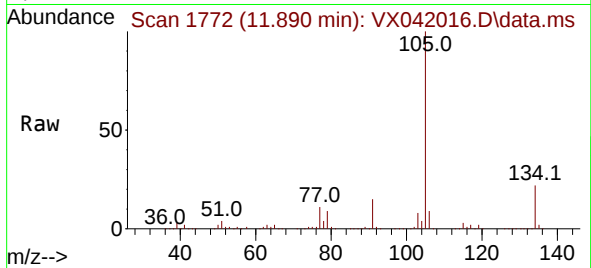
Tgt Ion:	105	Resp:	354442
Ion	Ratio	Lower	Upper
105	100		
120	46.7	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 54.219 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX042016.D
 Acq: 24 Jun 2024 19:47

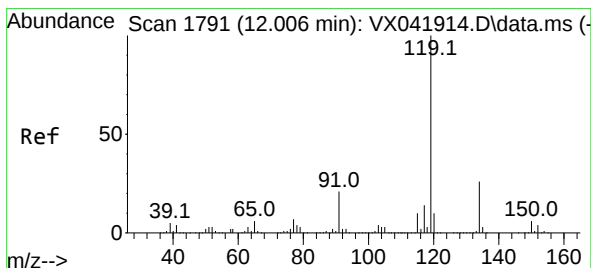
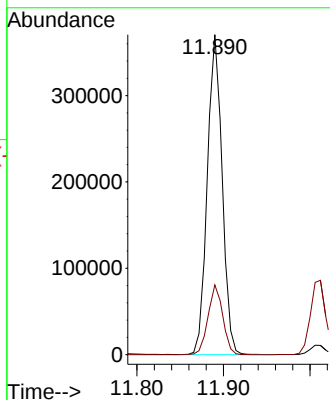
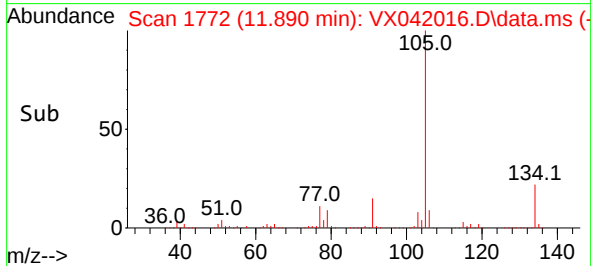
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



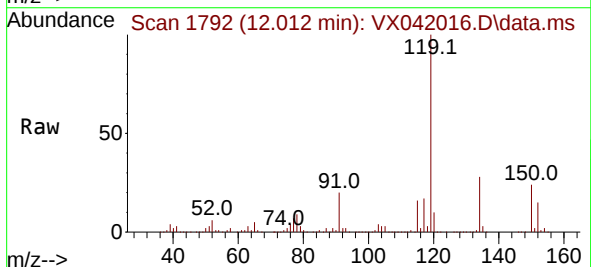
Tgt Ion:105 Resp: 441083
 Ion Ratio Lower Upper
 105 100
 134 21.6 9.8 29.4

Manual Integrations
 APPROVED

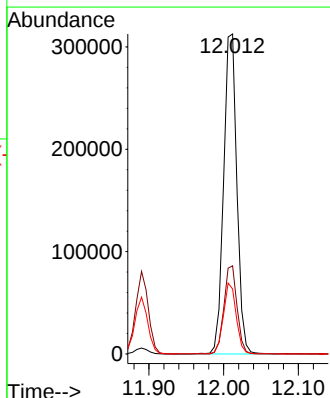
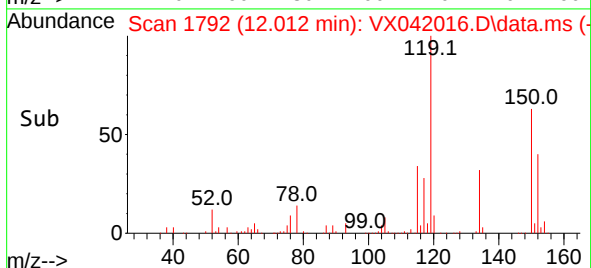
Reviewed By :John Carlone 06/25/2024
 Supervised By :Mahesh Dadoda 06/25/2024

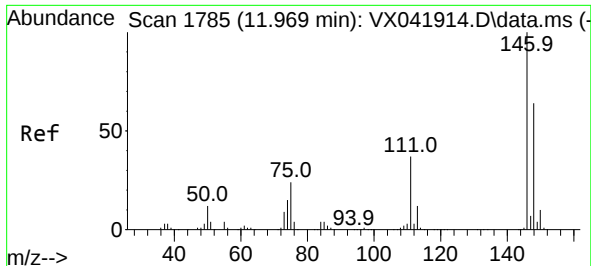


#86
 p-Isopropyltoluene
 Concen: 54.159 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX042016.D
 Acq: 24 Jun 2024 19:47



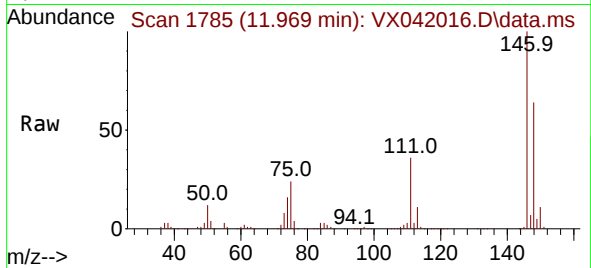
Tgt Ion:119 Resp: 384877
 Ion Ratio Lower Upper
 119 100
 134 27.3 12.8 38.3
 91 21.3 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 51.637 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

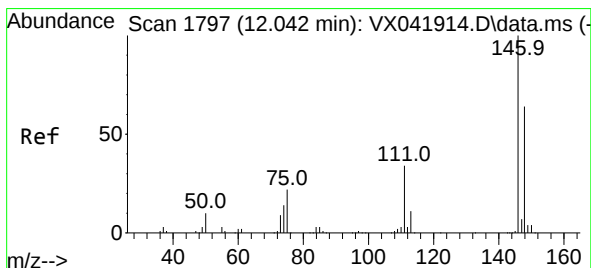
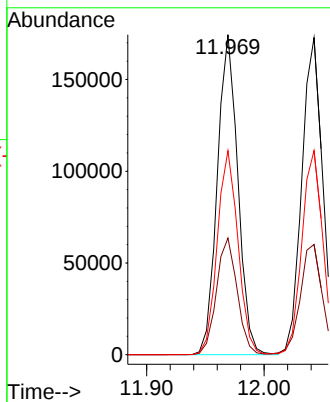
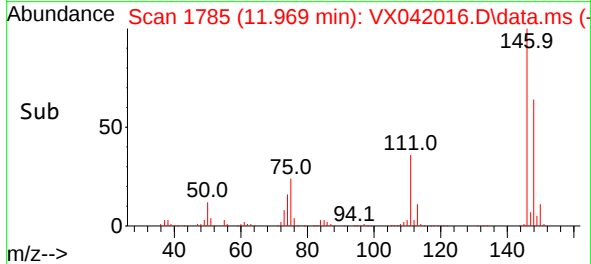
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



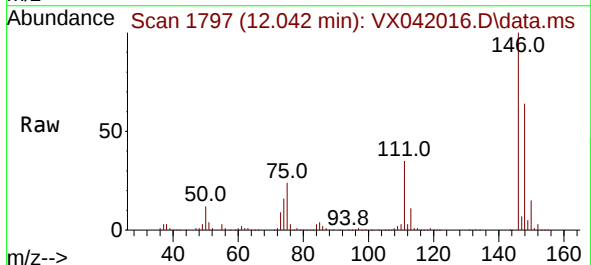
Tgt Ion:146 Resp: 21272
Ion Ratio Lower Upper
146 100
111 36.8 22.1 66.1
148 64.2 31.8 95.3

Manual Integrations
APPROVED

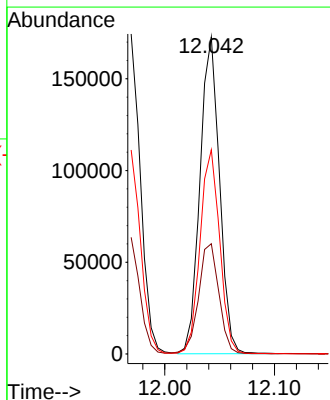
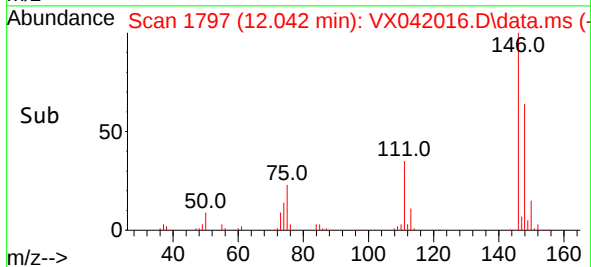
Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024

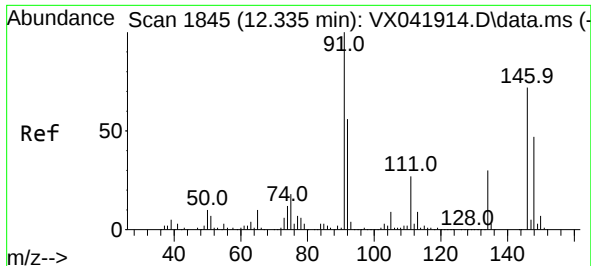


#88
1,4-Dichlorobenzene
Concen: 50.528 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47



Tgt Ion:146 Resp: 213577
Ion Ratio Lower Upper
146 100
111 36.4 21.3 63.7
148 65.1 31.8 95.4





#89

n-Butylbenzene

Concen: 54.036 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 295592

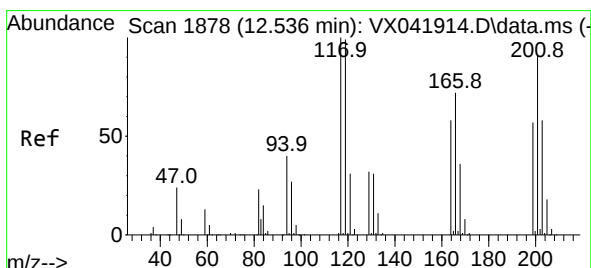
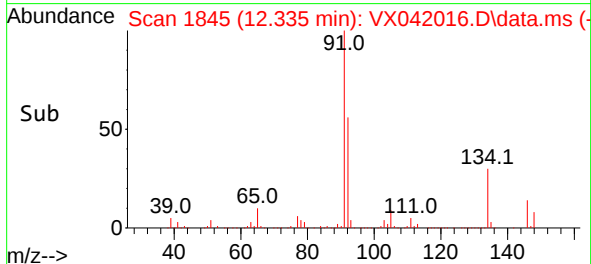
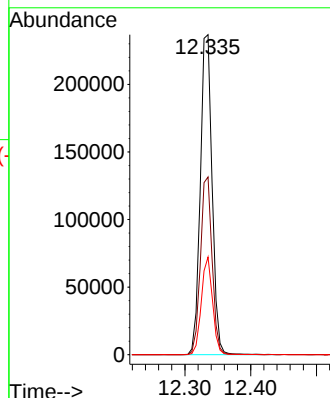
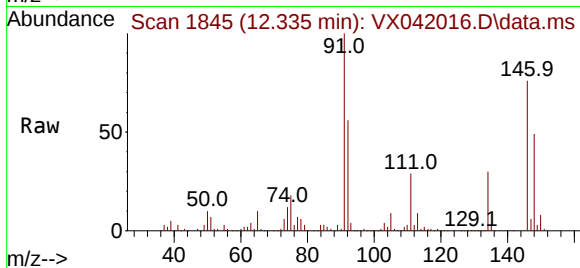
Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.4	82.0
134	29.0	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#90

Hexachloroethane

Concen: 53.134 ug/l

RT: 12.536 min Scan# 1878

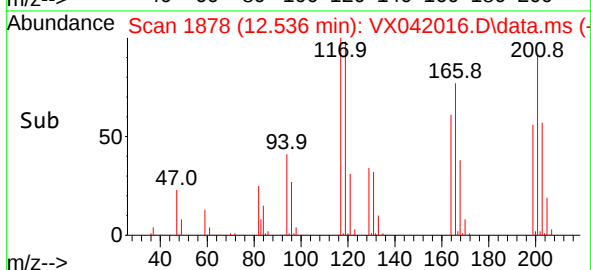
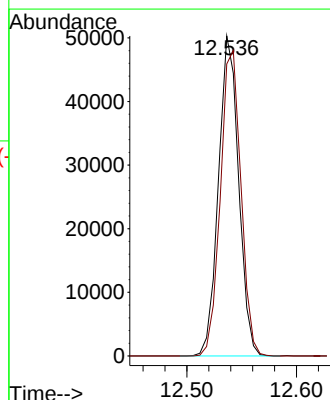
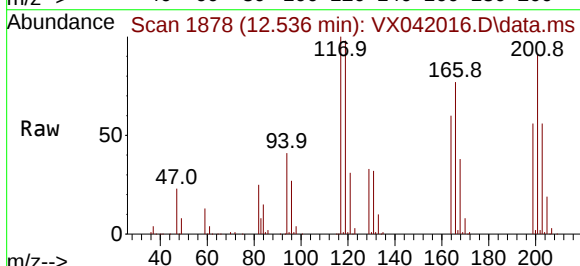
Delta R.T. -0.000 min

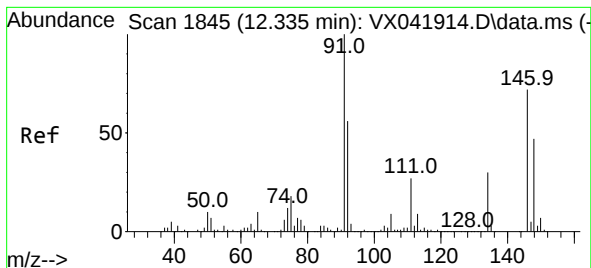
Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Tgt Ion:117 Resp: 64285

Ion	Ratio	Lower	Upper
117	100		
201	97.2	32.9	98.6





#91

1,2-Dichlorobenzene

Concen: 52.322 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 220564

Ion Ratio Lower Upper

146 100

111 38.1 22.4 67.0

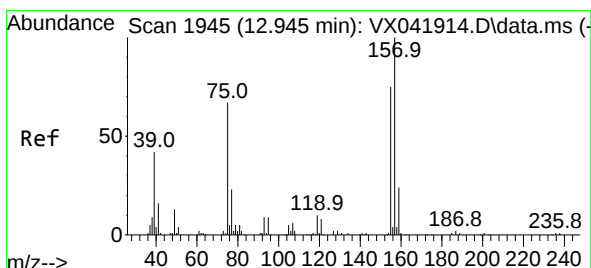
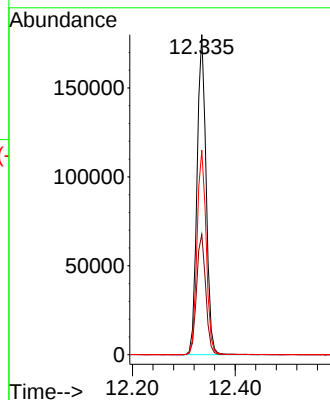
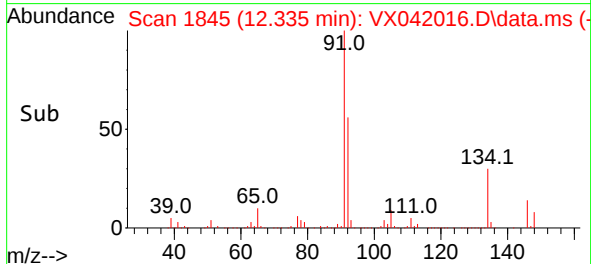
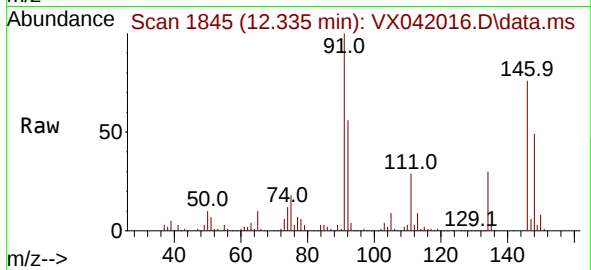
148 64.5 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.527 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

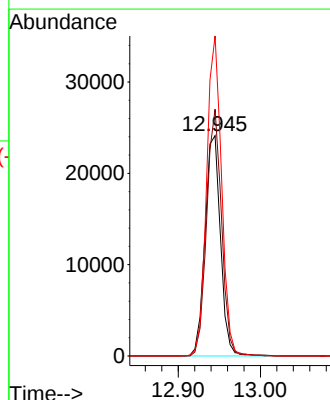
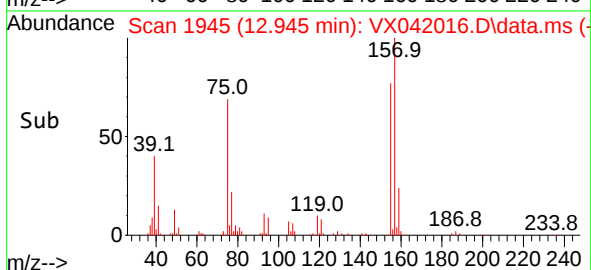
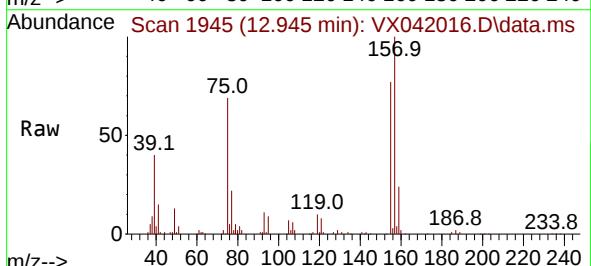
Tgt Ion: 75 Resp: 31619

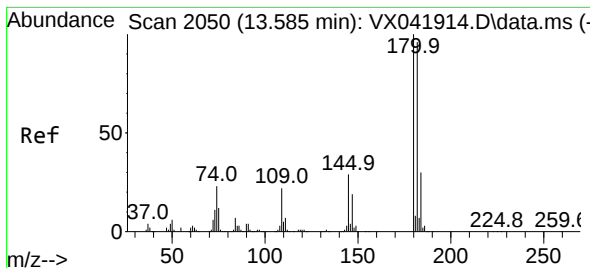
Ion Ratio Lower Upper

75 100

155 107.7 36.1 108.5

157 139.7 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 53.070 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 14655

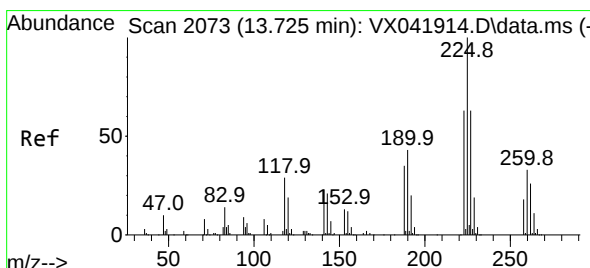
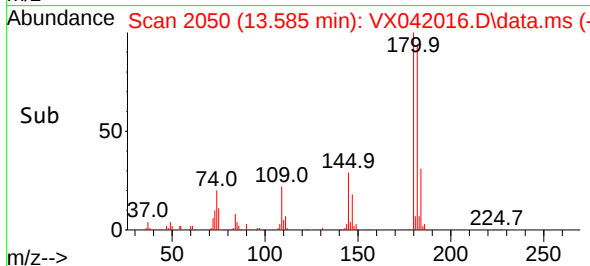
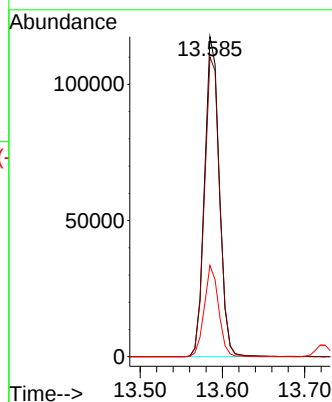
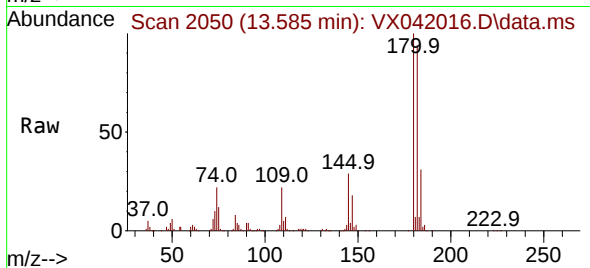
Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.3	144.8
145	27.6	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2024

Supervised By :Mahesh Dadoda 06/25/2024



#94

Hexachlorobutadiene

Concen: 52.463 ug/l

RT: 13.725 min Scan# 2073

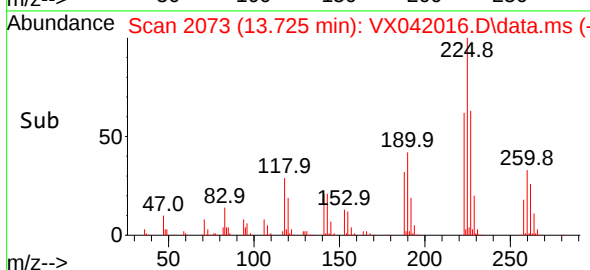
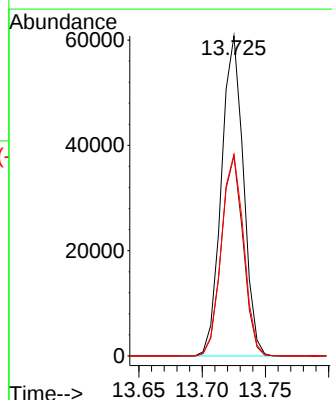
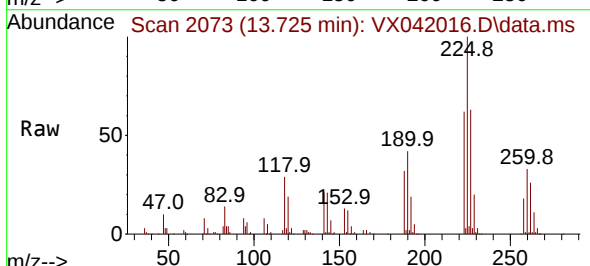
Delta R.T. -0.000 min

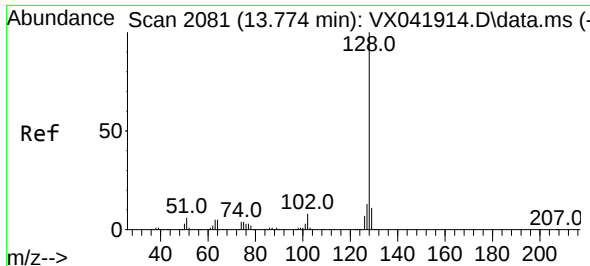
Lab File: VX042016.D

Acq: 24 Jun 2024 19:47

Tgt Ion:225 Resp: 73260

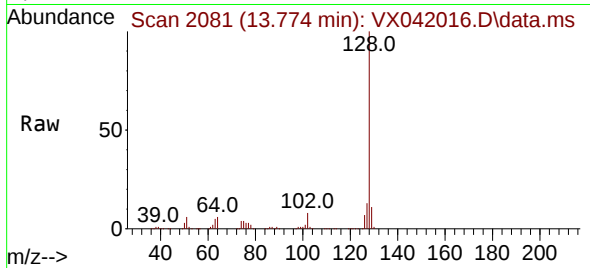
Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.1	93.2
227	63.9	32.5	97.5





#95
Naphthalene
Concen: 49.821 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

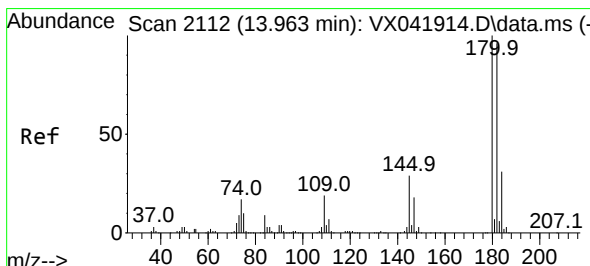
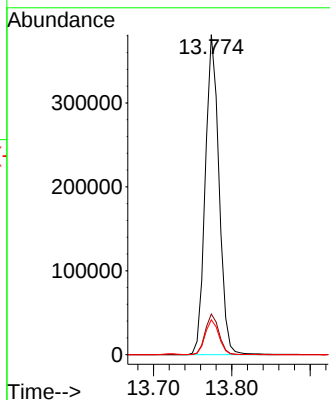
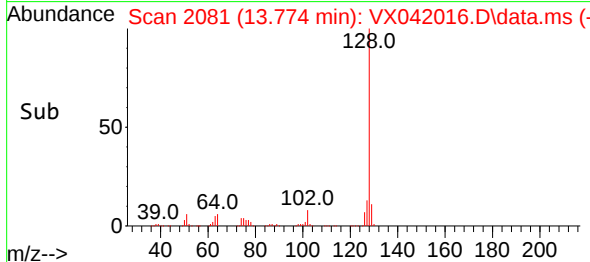
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 462270
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/25/2024
Supervised By :Mahesh Dadoda 06/25/2024



#96
1,2,3-Trichlorobenzene
Concen: 52.553 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042016.D
Acq: 24 Jun 2024 19:47

Tgt Ion:180 Resp: 153061
Ion Ratio Lower Upper
180 100
182 96.6 46.9 140.6
145 29.9 17.8 53.5

