

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021724\
 Data File : VX040316.D
 Acq On : 17 Feb 2024 20:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2024
 Supervised By : Mahesh Dadoda 02/20/2024

Quant Time: Feb 19 04:02:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	68904	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	116060	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51399	50.141	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.280%			
35) Dibromofluoromethane	5.379	113	41533	51.244	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.480%			
50) Toluene-d8	8.647	98	151910	50.105	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.200%			
62) 4-Bromofluorobenzene	11.079	95	63417	51.287	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	40304	51.782	ug/l	99
3) Chloromethane	1.295	50	40314	50.228	ug/l	99
4) Vinyl Chloride	1.374	62	43599	51.403	ug/l	100
5) Bromomethane	1.599	94	28458	59.457	ug/l	99
6) Chloroethane	1.679	64	27145	50.745	ug/l	100
7) Trichlorofluoromethane	1.886	101	70555	51.798	ug/l	100
8) Diethyl Ether	2.130	74	26070	50.950	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	38730	53.008	ug/l	98
10) Methyl Iodide	2.453	142	47010	57.954	ug/l	92
11) Tert butyl alcohol	2.959	59	52277	261.815	ug/l	# 91
12) 1,1-Dichloroethene	2.319	96	37477	53.273	ug/l	88
13) Acrolein	2.233	56	45541	247.104	ug/l	99
14) Allyl chloride	2.660	41	65075	53.304	ug/l	96
15) Acrylonitrile	3.063	53	124962	279.707	ug/l	100
16) Acetone	2.374	43	101555	241.216	ug/l	94
17) Carbon Disulfide	2.514	76	87953	47.357	ug/l	99
18) Methyl Acetate	2.703	43	55984	49.604	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	136548	55.096	ug/l	99
20) Methylene Chloride	2.788	84	44305	56.337	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	41322	51.575	ug/l	89
22) Diisopropyl ether	3.758	45	138988	56.136	ug/l	98
23) Vinyl Acetate	3.721	43	623868	282.656	ug/l	98
24) 1,1-Dichloroethane	3.605	63	78118	54.165	ug/l	100
25) 2-Butanone	4.550	43	171196	260.137	ug/l	97
26) 2,2-Dichloropropane	4.471	77	51827	46.682	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	49216	53.847	ug/l	93
28) Bromochloromethane	4.898	49	32232	52.639	ug/l	93
29) Tetrahydrofuran	4.995	42	116381	271.444	ug/l	97
30) Chloroform	5.093	83	85428	54.786	ug/l	98
31) Cyclohexane	5.471	56	61143	50.007	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	70062	53.409	ug/l	98
36) 1,1-Dichloropropene	5.696	75	58422	51.456	ug/l	98
37) Ethyl Acetate	4.709	43	67847	53.705	ug/l	99
38) Carbon Tetrachloride	5.678	117	56962	52.766	ug/l	99
39) Methylcyclohexane	7.379	83	64423	48.825	ug/l	94
40) Benzene	6.038	78	172490	54.327	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	35914	53.625	ug/l #	91
42) 1,2-Dichloroethane	6.086	62	67070	54.044	ug/l	99
43) Isopropyl Acetate	6.336	43	107053	54.283	ug/l	98
44) Trichloroethene	7.123	130	48317	55.169	ug/l	99
45) 1,2-Dichloropropane	7.428	63	46687	56.494	ug/l	93
46) Dibromomethane	7.580	93	34552	56.770	ug/l	95
47) Bromodichloromethane	7.818	83	67454	57.519	ug/l	99
48) Methyl methacrylate	7.690	41	54459	53.968	ug/l	92
49) 1,4-Dioxane	7.659	88	23986	1092.629	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	380386	282.511	ug/l	100
52) Toluene	8.714	92	112607	54.146	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	69796	50.013	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	73229	55.717	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	49008	55.251	ug/l	93
56) Ethyl methacrylate	9.116	69	74215	55.889	ug/l	95
57) 1,3-Dichloropropane	9.305	76	80598	55.669	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	160290	255.169	ug/l	98
59) 2-Hexanone	9.427	43	295681	276.977	ug/l	98
60) Dibromochloromethane	9.519	129	50559	55.946	ug/l	99
61) 1,2-Dibromoethane	9.610	107	51889	55.035	ug/l	99
64) Tetrachloroethene	9.275	164	41199	51.785	ug/l	97
65) Chlorobenzene	10.080	112	123778	52.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	45823	55.839	ug/l	99
67) Ethyl Benzene	10.189	91	226888	53.766	ug/l	98
68) m/p-Xylenes	10.299	106	170463	106.957	ug/l	99
69) o-Xylene	10.640	106	83861	54.147	ug/l	98
70) Styrene	10.653	104	143903	55.886	ug/l	98
71) Bromoform	10.799	173	38053	49.396	ug/l #	99
73) Isopropylbenzene	10.964	105	230237	52.799	ug/l	100
74) N-amyl acetate	10.842	43	103683	55.471	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	85545	54.603	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	69717m	55.607	ug/l	
77) Bromobenzene	11.195	156	54947	53.350	ug/l	97
78) n-propylbenzene	11.305	91	278297	52.714	ug/l	98
79) 2-Chlorotoluene	11.366	91	162779	51.061	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	194488	52.977	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	20859	46.953	ug/l	96
82) 4-Chlorotoluene	11.451	91	193374	51.195	ug/l	99
83) tert-Butylbenzene	11.713	119	185994	51.676	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	197006	53.042	ug/l	100
85) sec-Butylbenzene	11.890	105	246364	53.262	ug/l	100
86) p-Isopropyltoluene	12.006	119	200722	52.938	ug/l	98
87) 1,3-Dichlorobenzene	11.970	146	106824	52.347	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	108592	50.253	ug/l	98
89) n-Butylbenzene	12.329	91	190072	51.931	ug/l	98
90) Hexachloroethane	12.536	117	32501	54.343	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	105871	53.592	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19837	54.861	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	68042	50.309	ug/l	97
94) Hexachlorobutadiene	13.725	225	26481	49.059	ug/l	97
95) Naphthalene	13.774	128	224958	52.664	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	68120	52.840	ug/l	98

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Quant Title : SW846 8260
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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

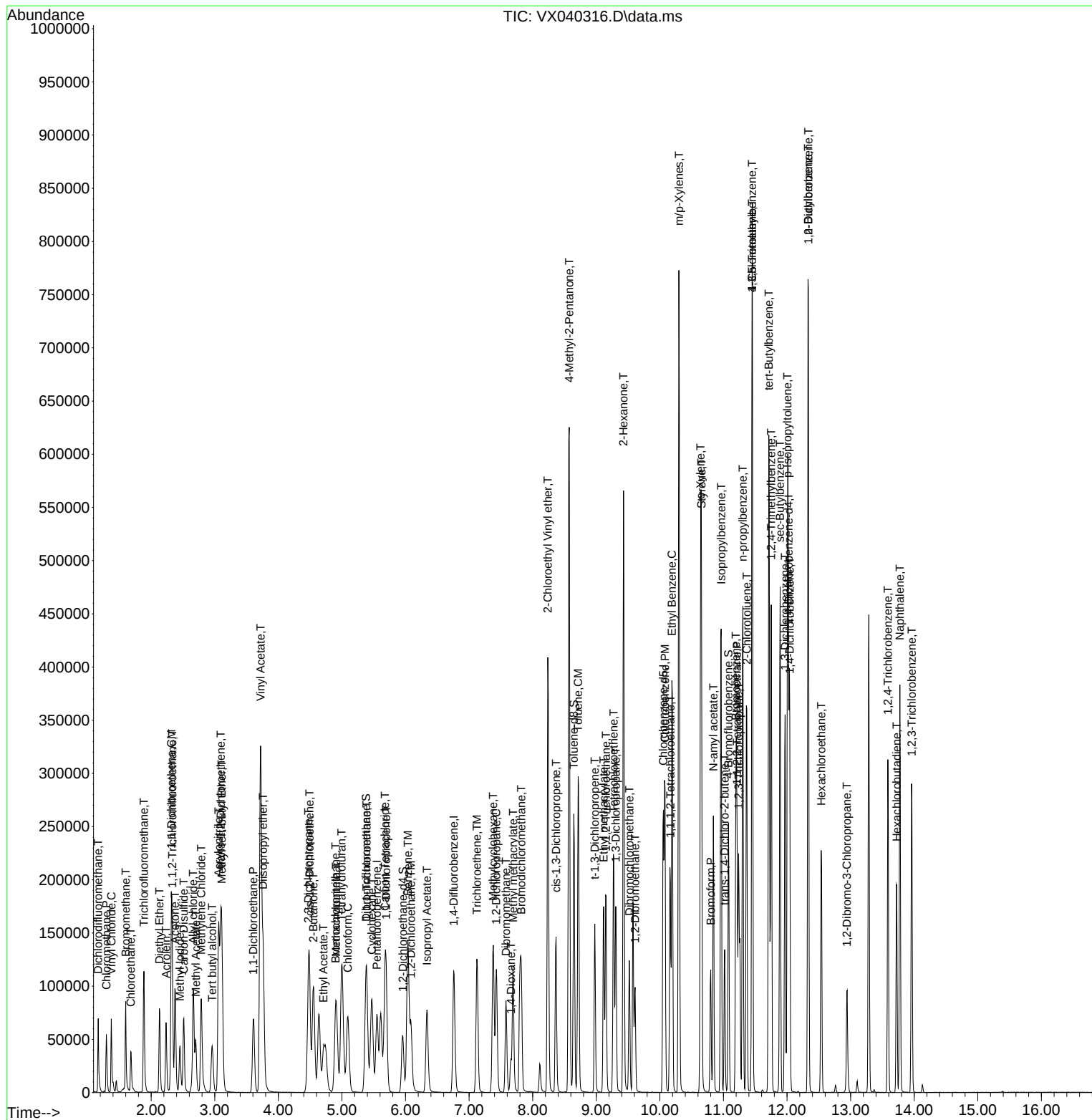
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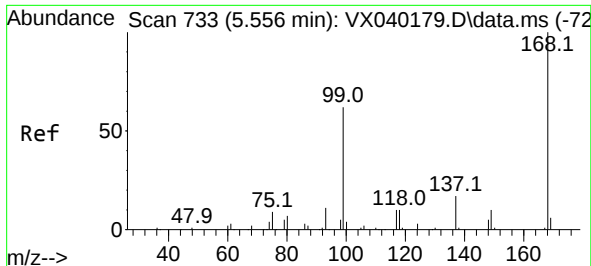
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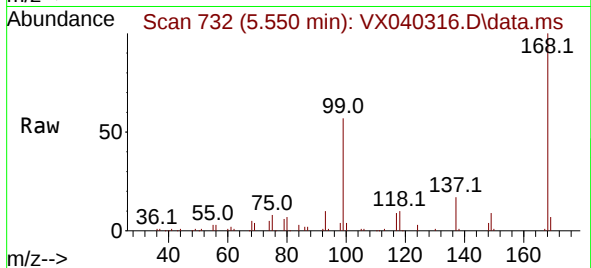
Reviewed By : John Carlone 02/20/2024
 Supervised By : Mahesh Dadoda 02/20/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

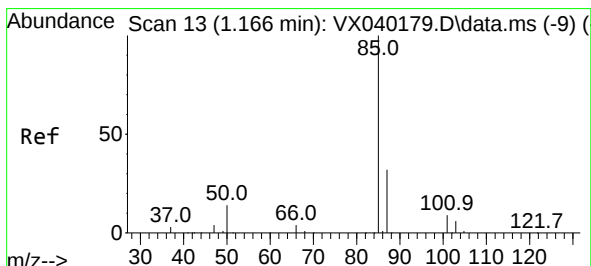
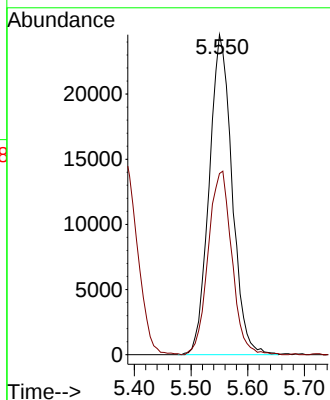
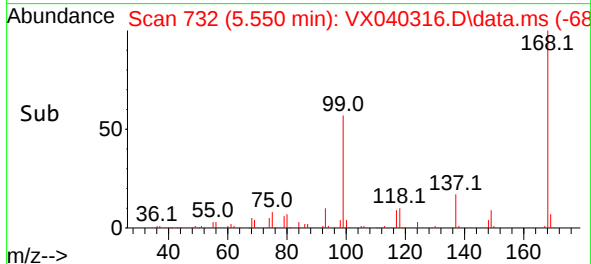
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 68904
Ion Ratio Lower Upper
168 100
99 56.3 56.6 85.0

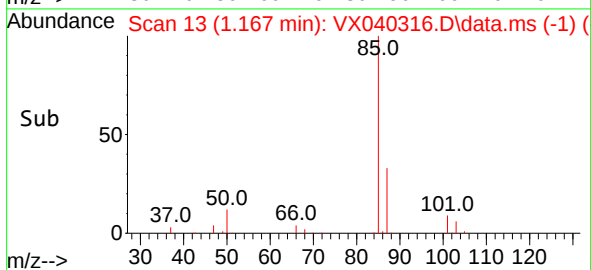
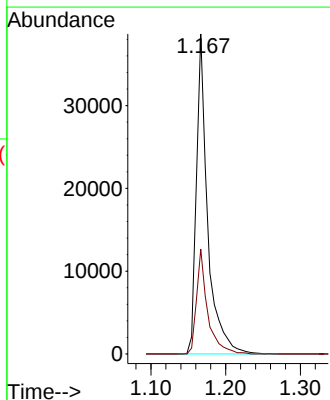
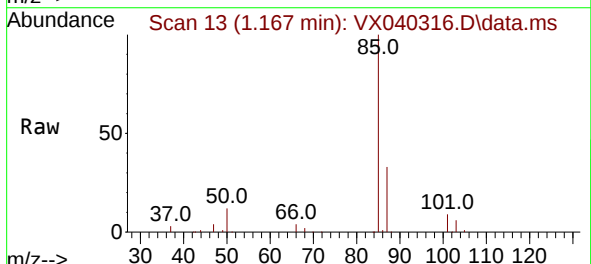
Manual Integrations
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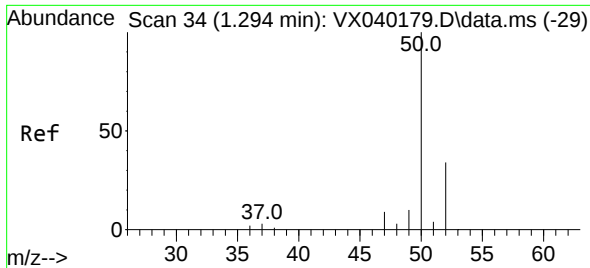
Reviewed By :John Carlone 02/20/2024
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#2
Dichlorodifluoromethane
Concen: 51.782 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Tgt Ion: 85 Resp: 40304
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





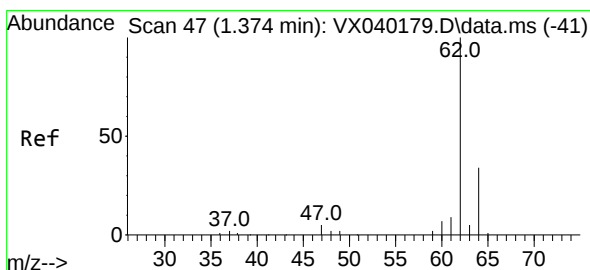
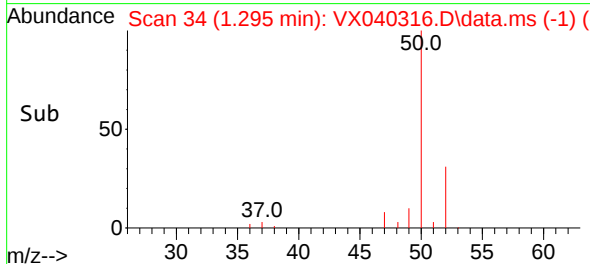
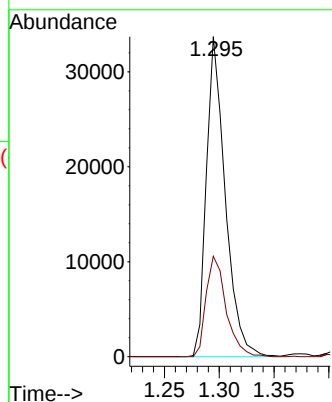
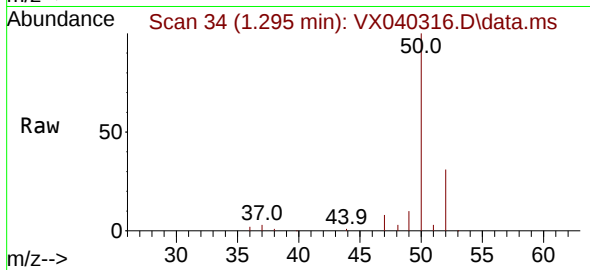
#3
Chloromethane
Concen: 50.228 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 40314
Ion Ratio Lower Upper
50 100
52 31.4 25.5 38.3

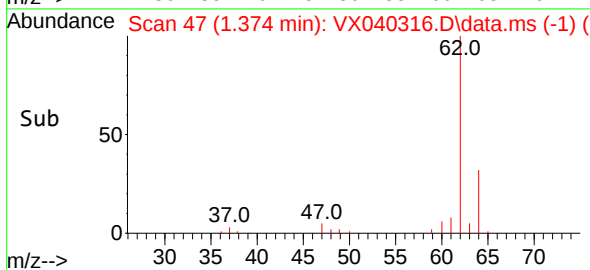
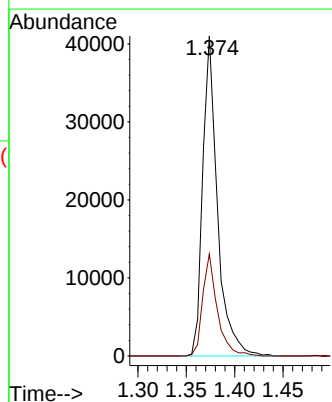
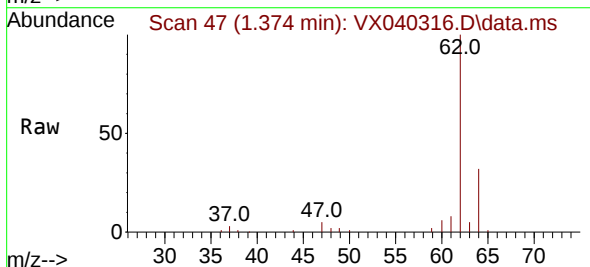
Manual Integrations
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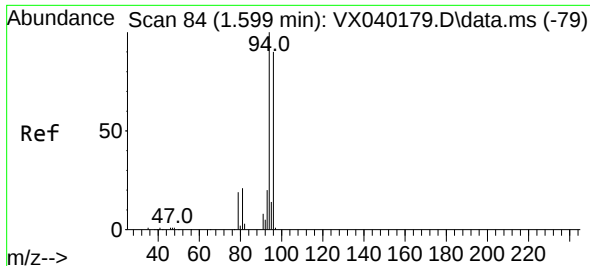
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#4
Vinyl Chloride
Concen: 51.403 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

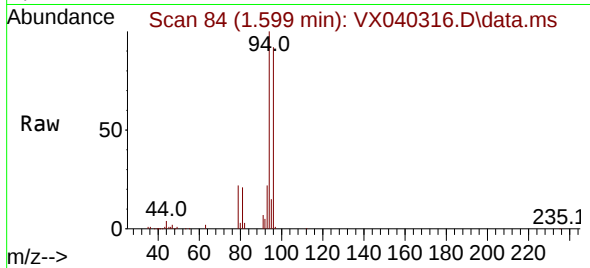
Tgt Ion: 62 Resp: 43599
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 59.457 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

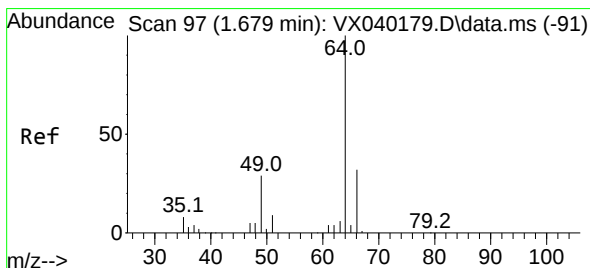
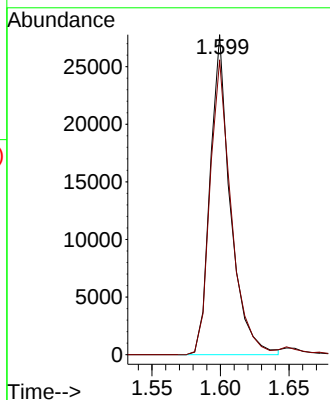
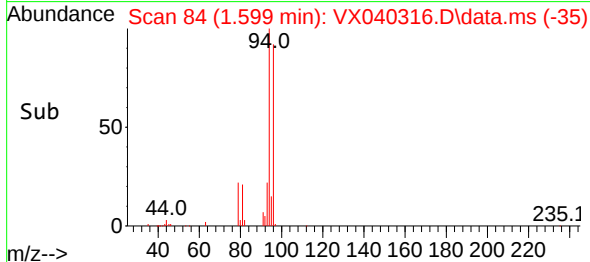
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Tgt Ion: 94 Resp: 28458
Ion Ratio Lower Upper
94 100
96 92.1 74.6 111.8

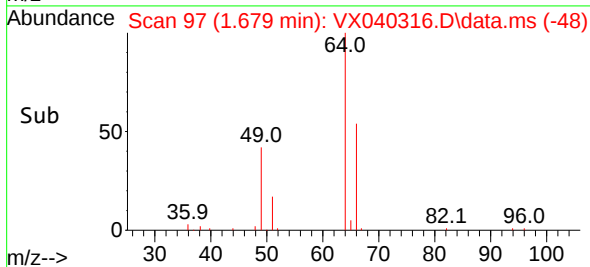
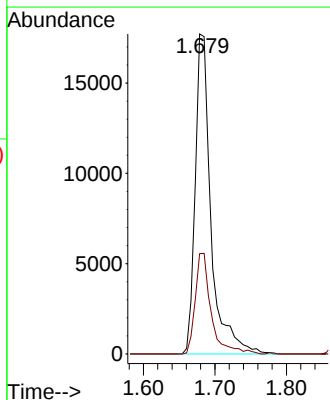
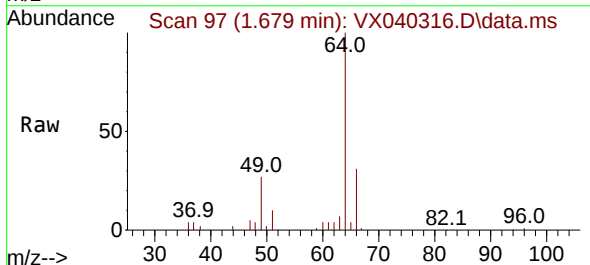
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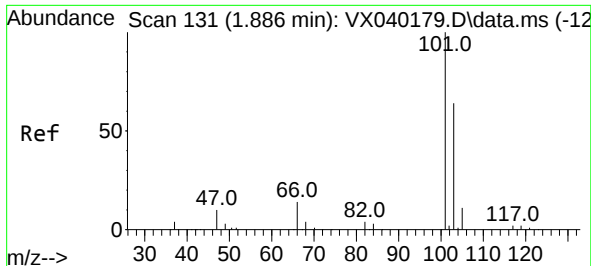
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#6
Chloroethane
Concen: 50.745 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

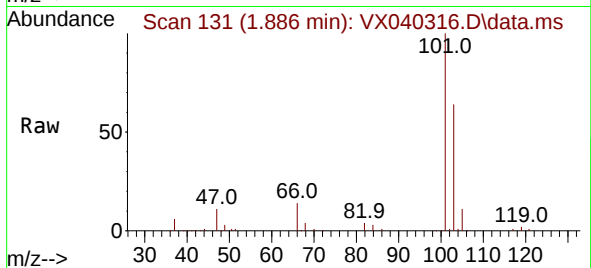
Tgt Ion: 64 Resp: 27145
Ion Ratio Lower Upper
64 100
66 31.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 51.798 ug/l
RT: 1.886 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

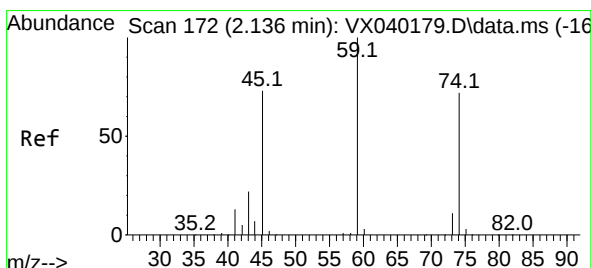
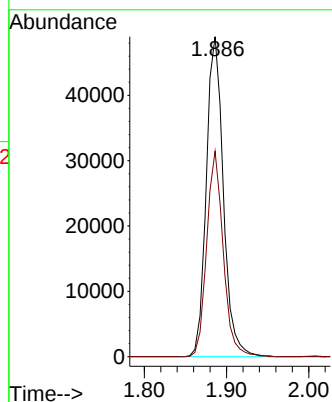
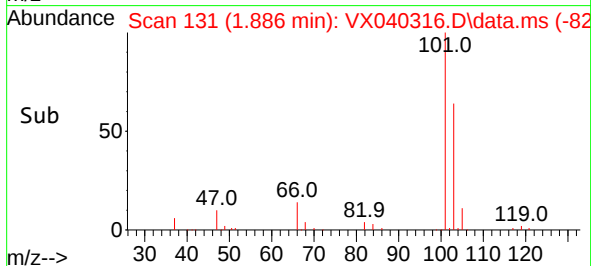
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 7055
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

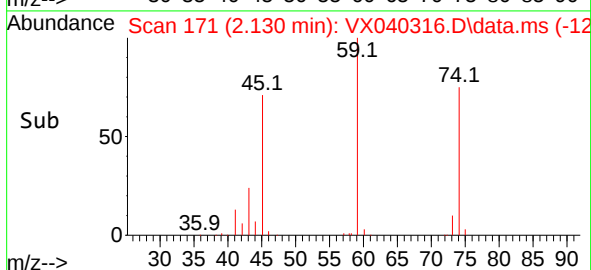
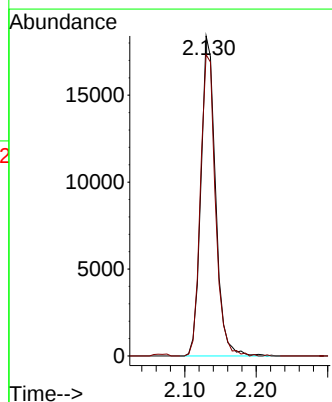
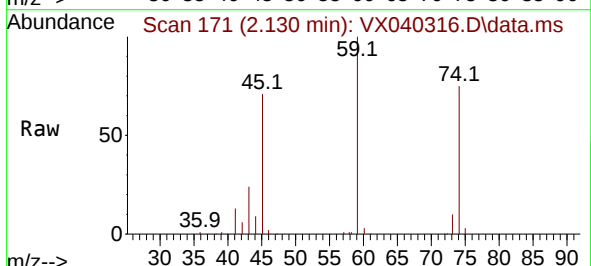
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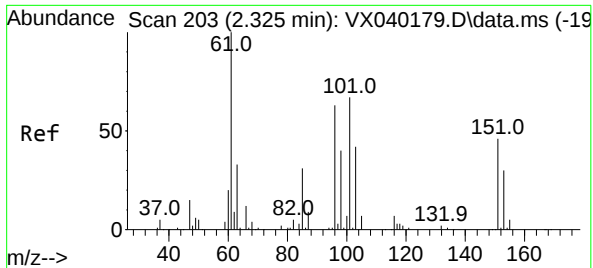
Reviewed By :John Carlone 02/20/2024
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#8
Diethyl Ether
Concen: 50.950 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Tgt Ion: 74 Resp: 26070
Ion Ratio Lower Upper
74 100
45 96.5 53.3 159.8





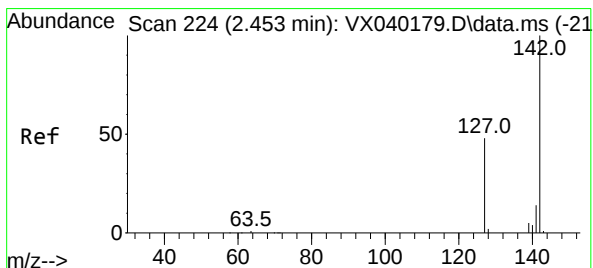
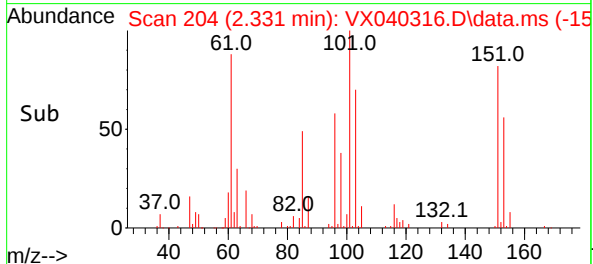
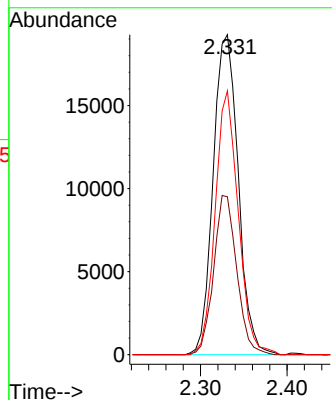
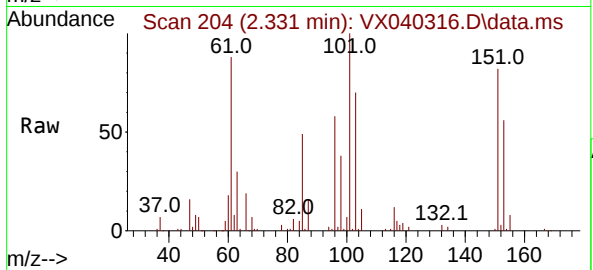
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.008 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 38730
Ion Ratio Lower Upper
101 100
85 45.9 37.0 55.6
151 76.0 58.6 87.8

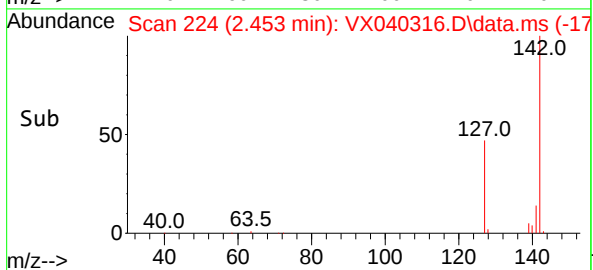
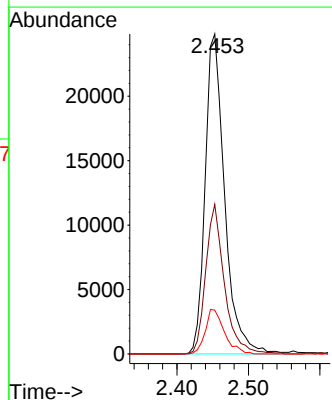
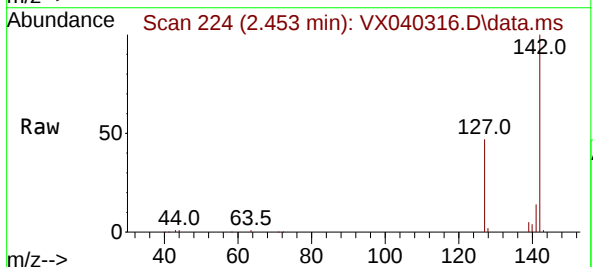
Manual Integrations
APPROVED

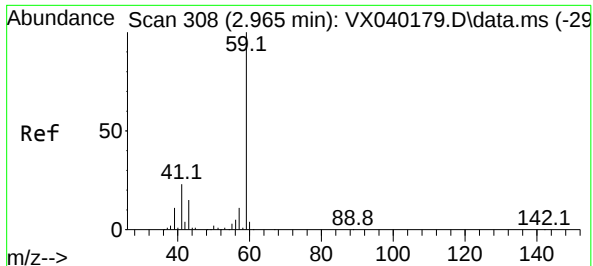
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#10
Methyl Iodide
Concen: 57.954 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Tgt Ion:142 Resp: 47010
Ion Ratio Lower Upper
142 100
127 44.8 41.6 62.4
141 13.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 261.815 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 5227

Ion Ratio Lower Upper

59 100

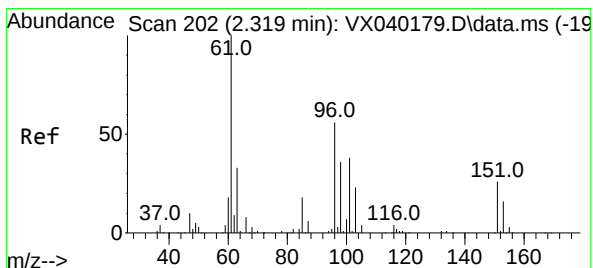
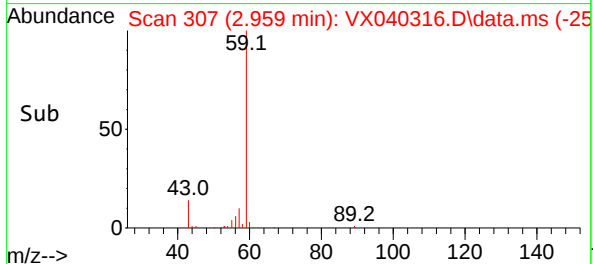
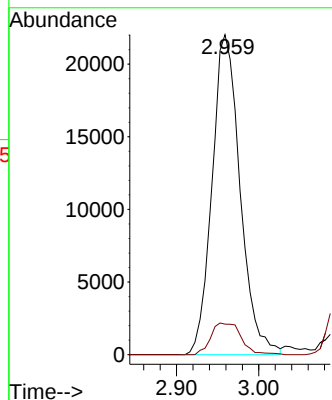
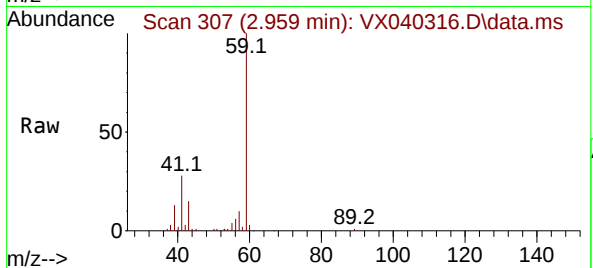
57 10.7 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#12

1,1-Dichloroethene

Concen: 53.273 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

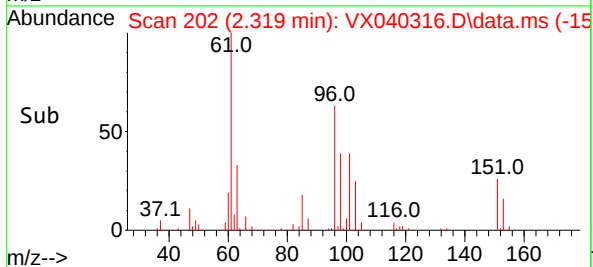
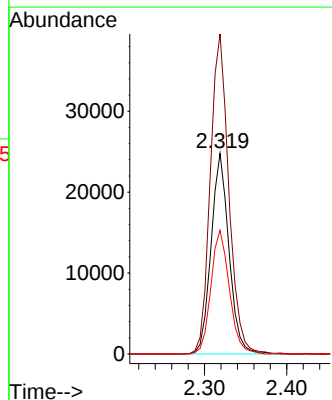
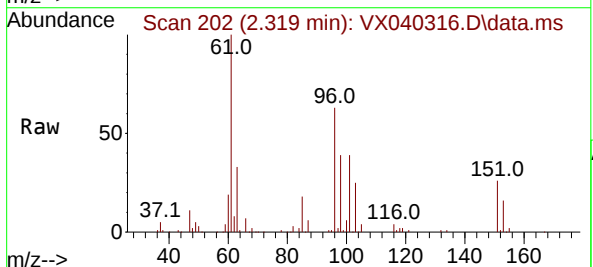
Tgt Ion: 96 Resp: 37477

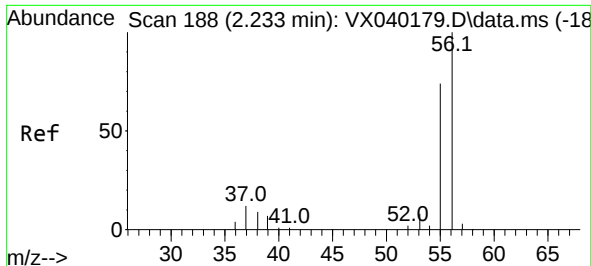
Ion Ratio Lower Upper

96 100

61 159.4 144.6 216.8

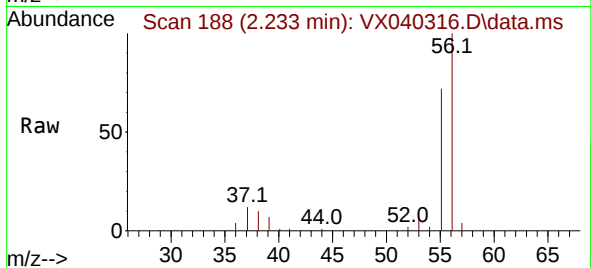
98 61.5 50.4 75.6





#13
Acrolein
Concen: 247.104 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

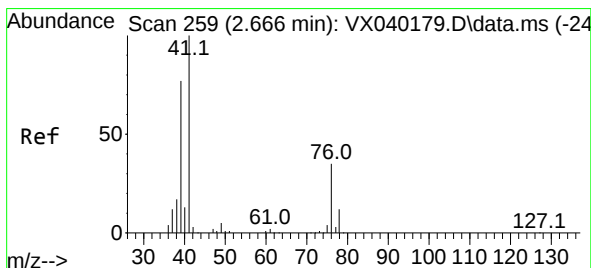
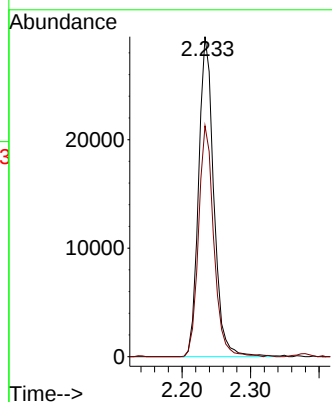
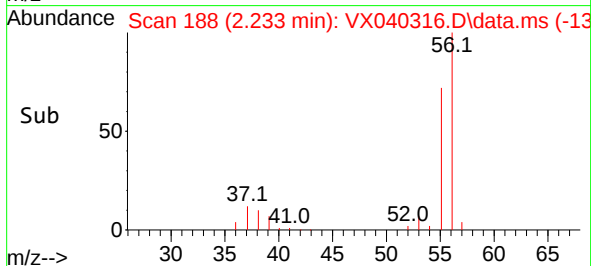
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 4554
Ion Ratio Lower Upper
56 100
55 72.4 57.1 85.7

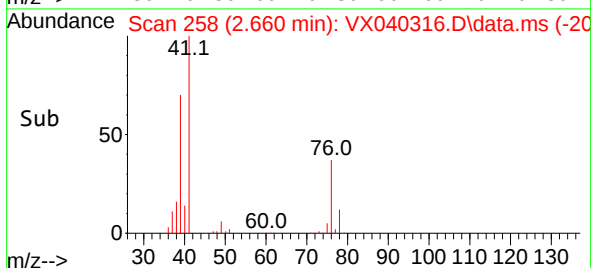
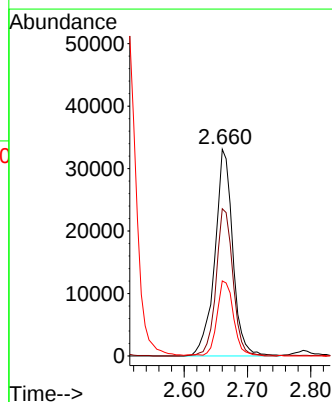
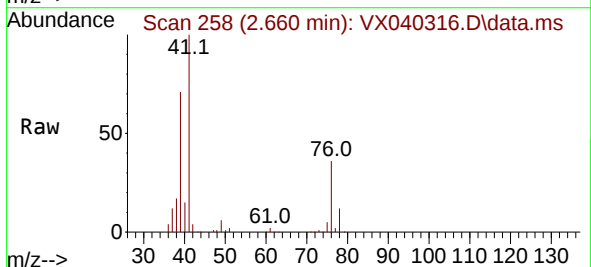
Manual Integrations
APPROVED

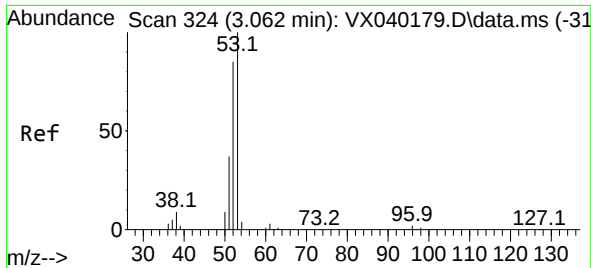
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#14
Allyl chloride
Concen: 53.304 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

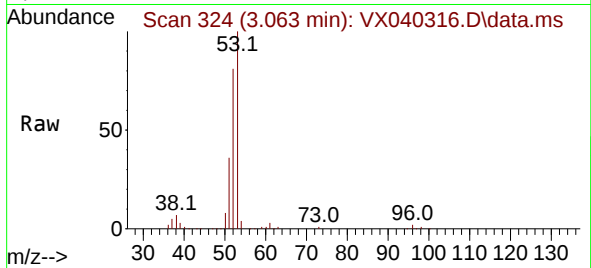
Tgt Ion: 41 Resp: 65075
Ion Ratio Lower Upper
41 100
39 67.1 55.8 83.6
76 33.6 24.3 36.5





#15
Acrylonitrile
Concen: 279.707 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

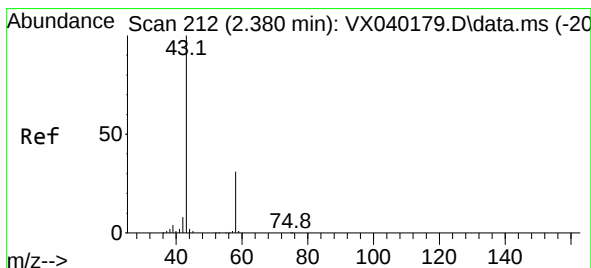
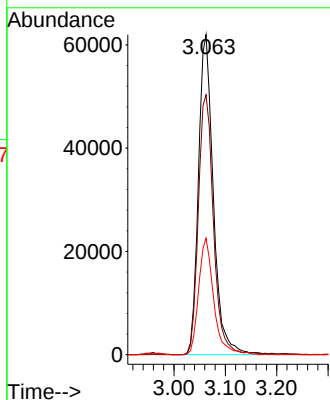
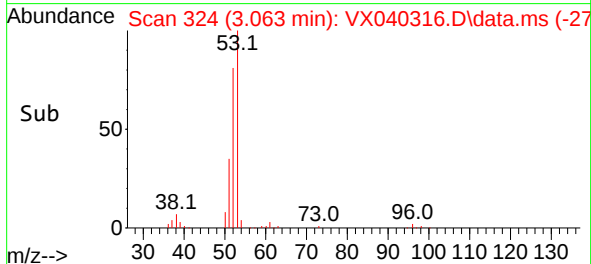
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 124962
Ion Ratio Lower Upper
53 100
52 82.4 66.0 99.0
51 36.7 29.8 44.6

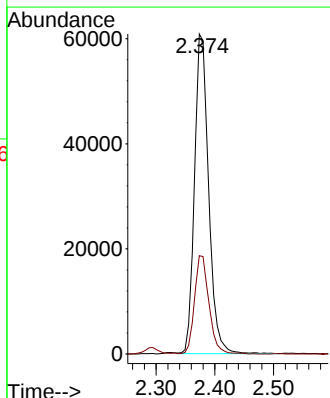
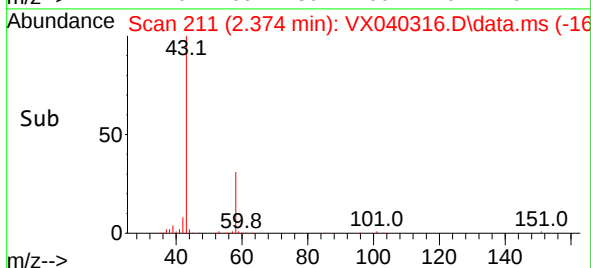
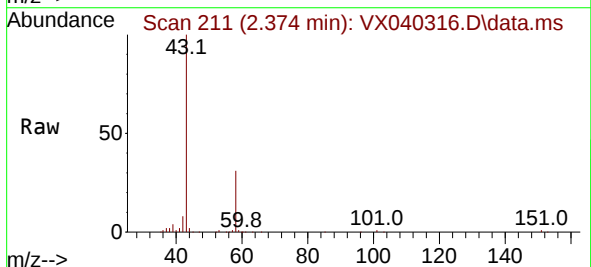
Manual Integrations
APPROVED

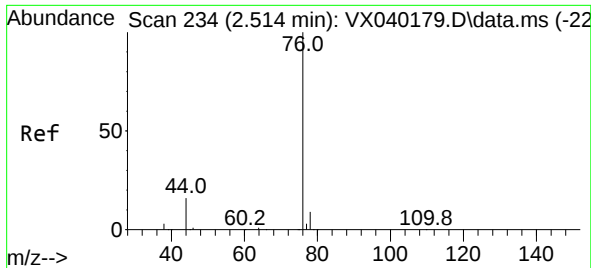
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#16
Acetone
Concen: 241.216 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Tgt Ion: 43 Resp: 101555
Ion Ratio Lower Upper
43 100
58 30.6 21.9 32.9





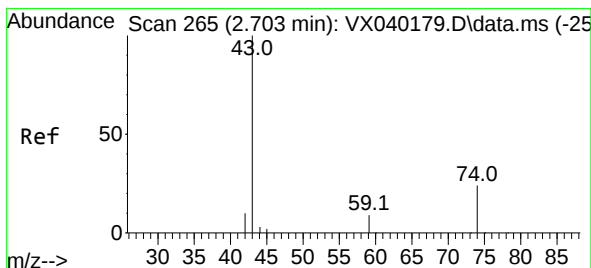
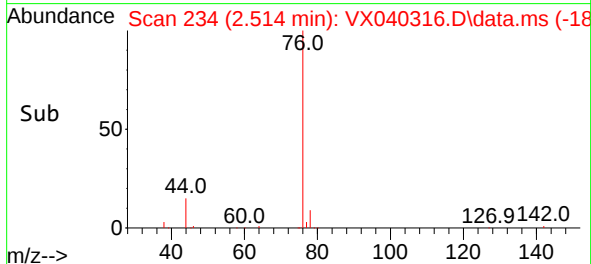
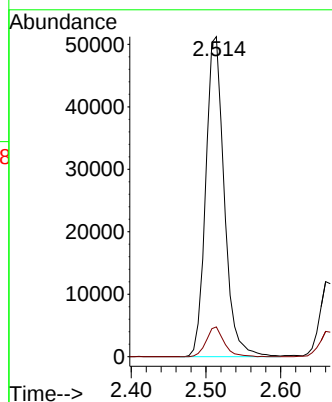
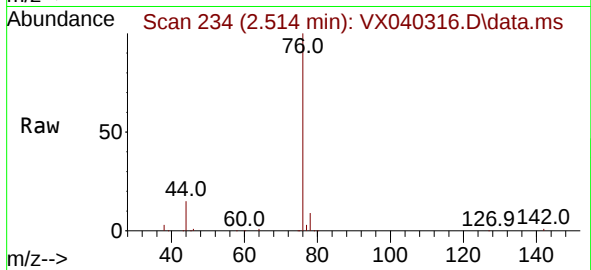
#17
Carbon Disulfide
Concen: 47.357 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 8795
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

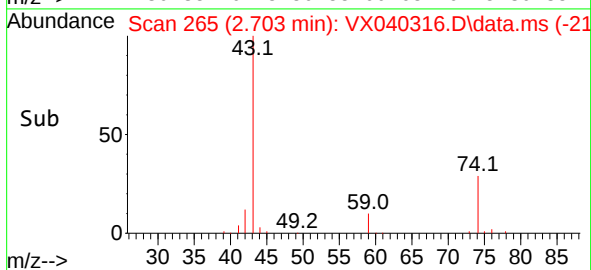
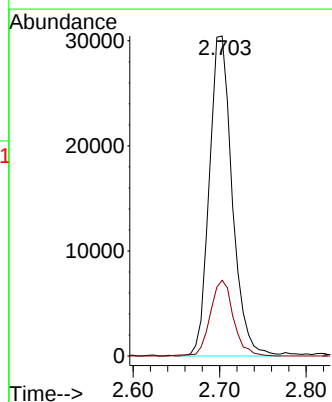
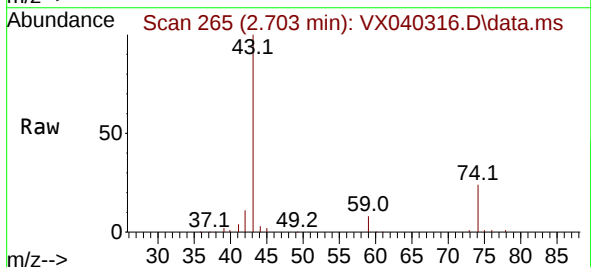
Manual Integrations
APPROVED

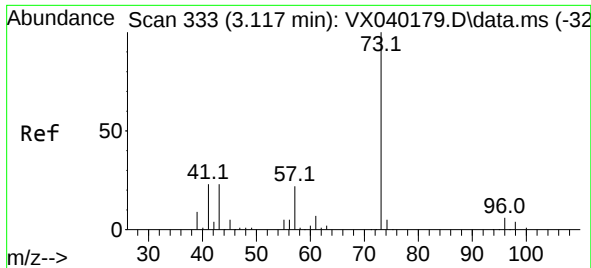
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#18
Methyl Acetate
Concen: 49.604 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Tgt Ion: 43 Resp: 55984
Ion Ratio Lower Upper
43 100
74 23.8 17.8 26.8





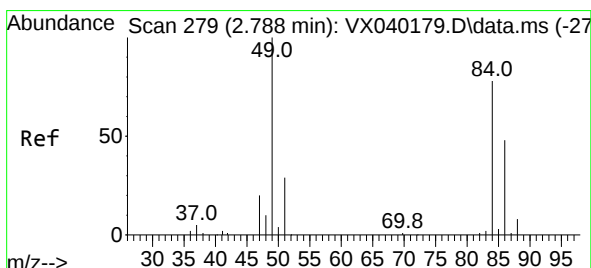
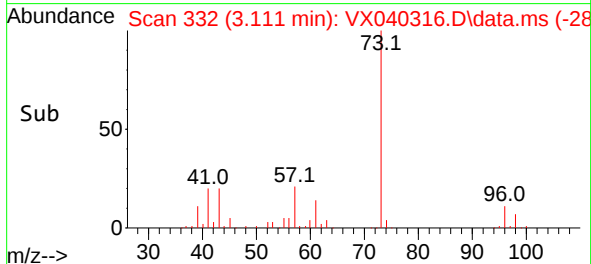
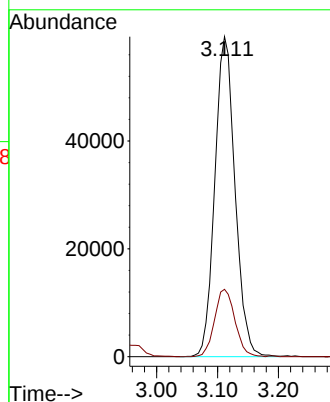
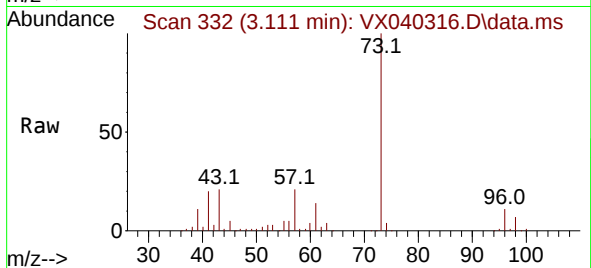
#19
Methyl tert-butyl Ether
Concen: 55.096 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 136548
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

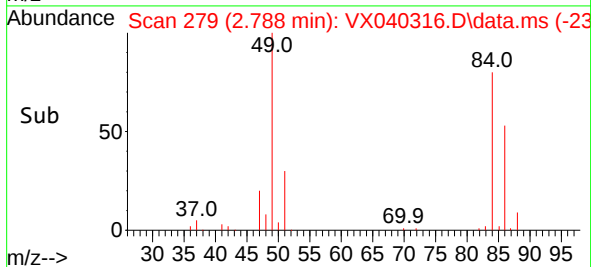
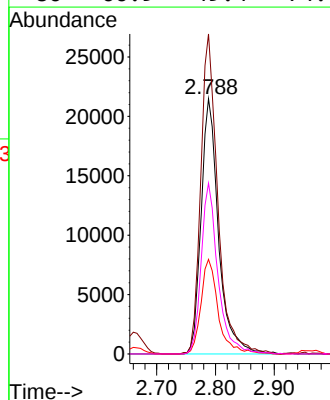
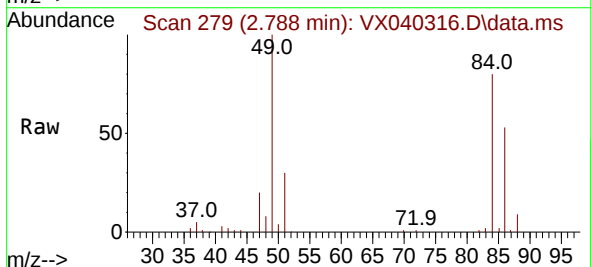
Manual Integrations
APPROVED

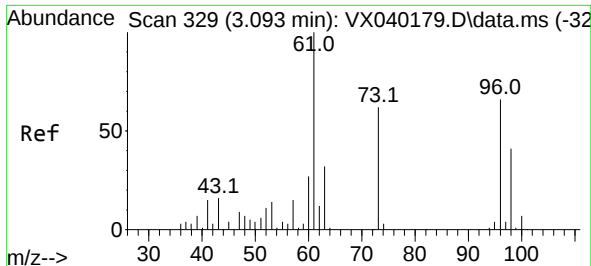
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#20
Methylene Chloride
Concen: 56.337 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

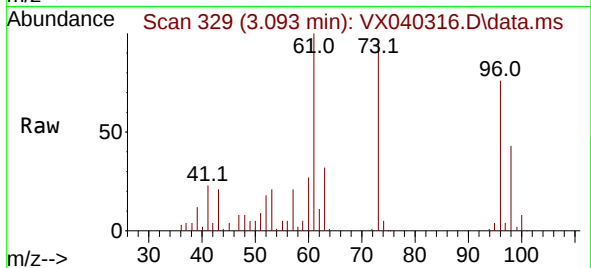
Tgt Ion: 84 Resp: 44305
Ion Ratio Lower Upper
84 100
49 125.4 103.6 155.4
51 37.0 33.8 50.6
86 66.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 51.575 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

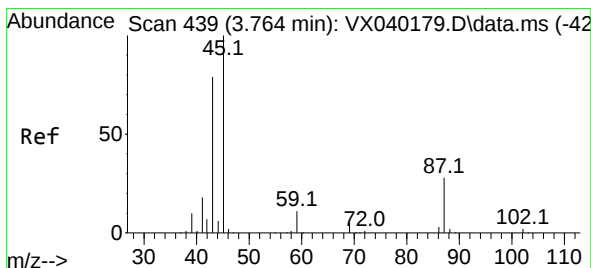
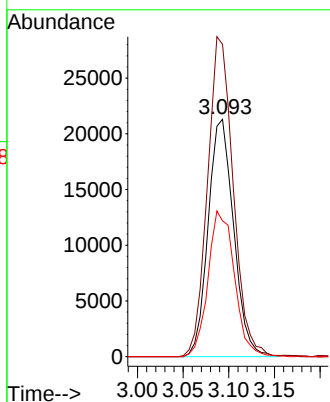
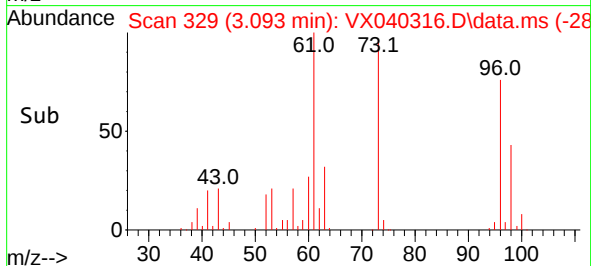
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



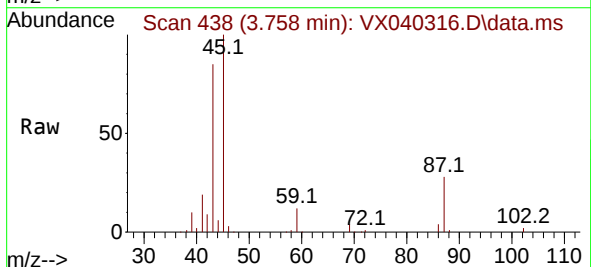
Tgt Ion: 96 Resp: 4132
Ion Ratio Lower Upper
96 100
61 131.5 119.2 178.8
98 57.2 48.7 73.1

Manual Integrations
APPROVED

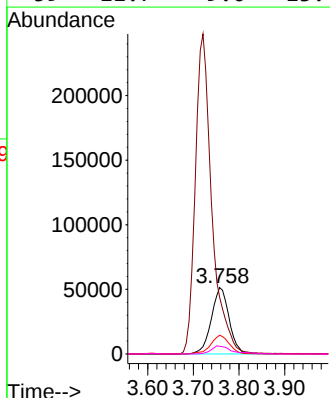
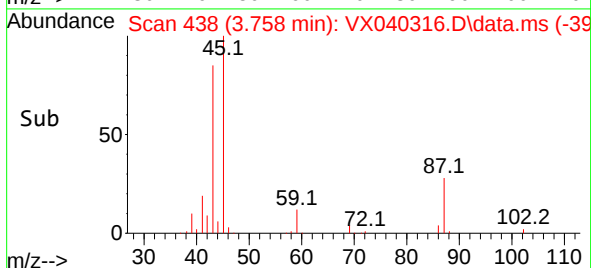
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

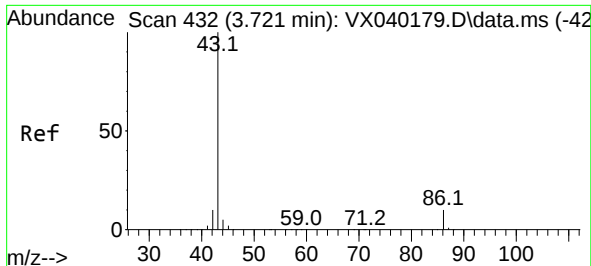


#22
Diisopropyl ether
Concen: 56.136 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28



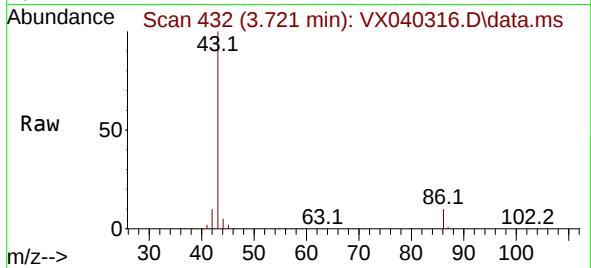
Tgt Ion: 45 Resp: 138988
Ion Ratio Lower Upper
45 100
43 85.4 69.7 104.5
87 28.2 20.8 31.2
59 11.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 282.656 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040316.D
 Acq: 17 Feb 2024 20:28

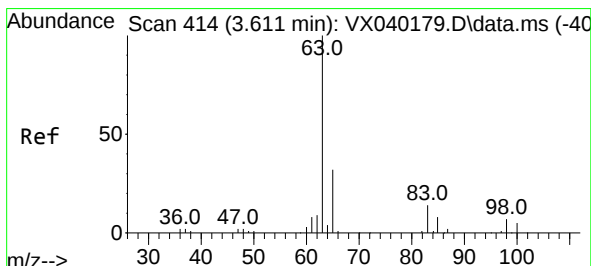
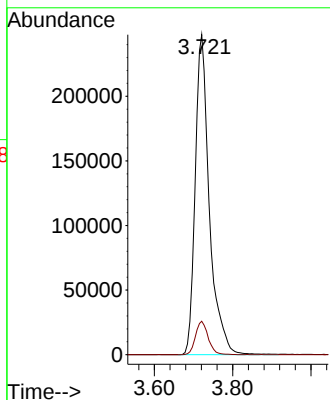
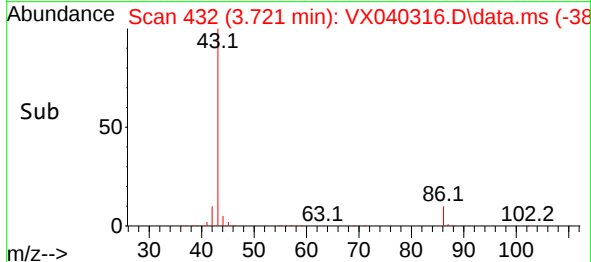
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



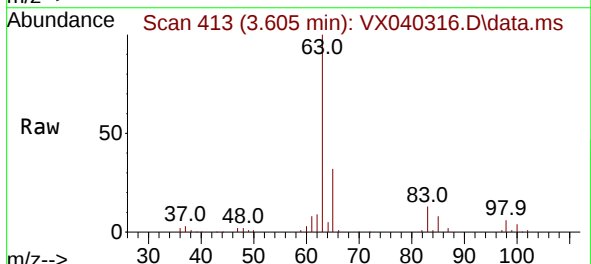
Tgt Ion: 43 Resp: 62386
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8

Manual Integrations
 APPROVED

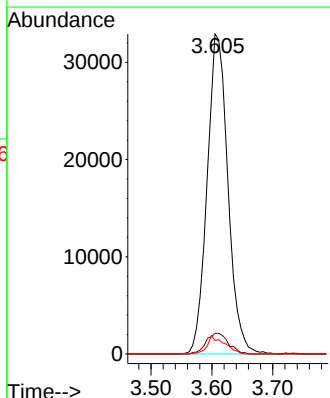
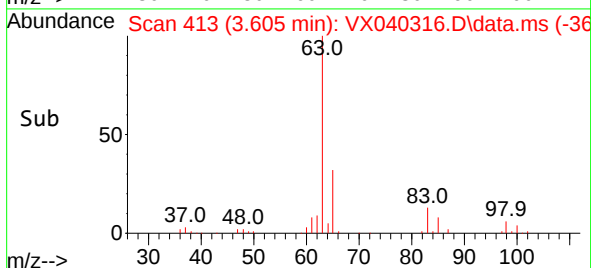
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024

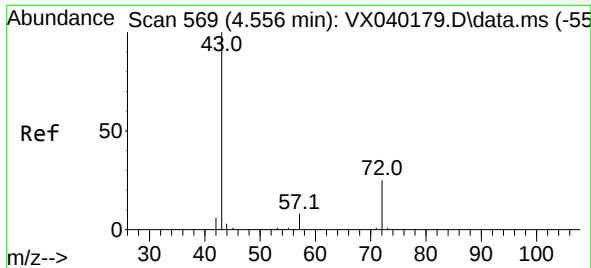


#24
 1,1-Dichloroethane
 Concen: 54.165 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040316.D
 Acq: 17 Feb 2024 20:28



Tgt Ion: 63 Resp: 78118
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.2 2.1 6.5





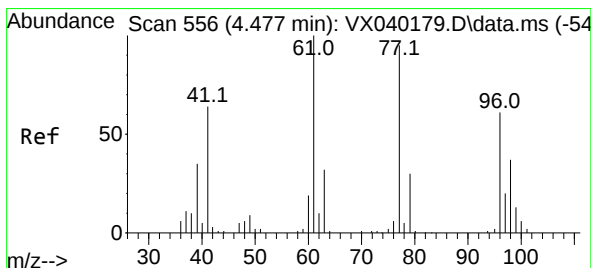
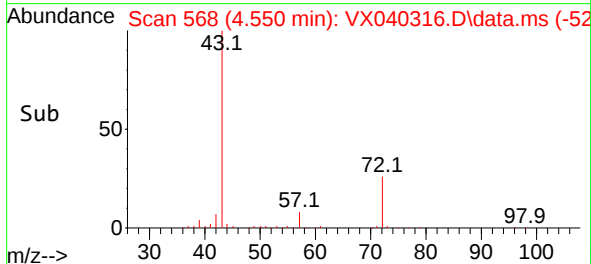
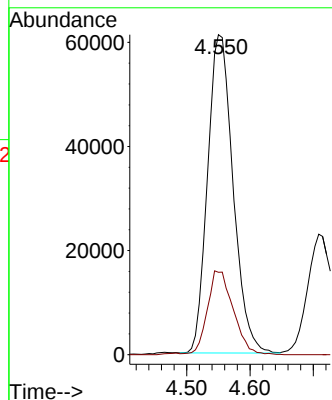
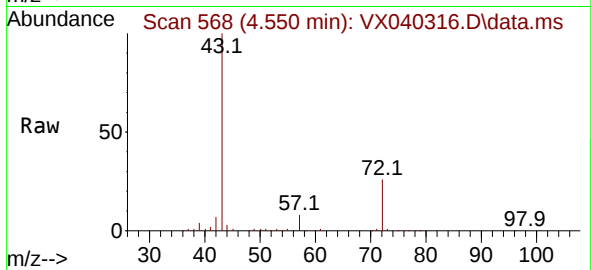
#25
2-Butanone
Concen: 260.137 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 171190
Ion Ratio Lower Upper
43 100
72 25.8 19.4 29.2

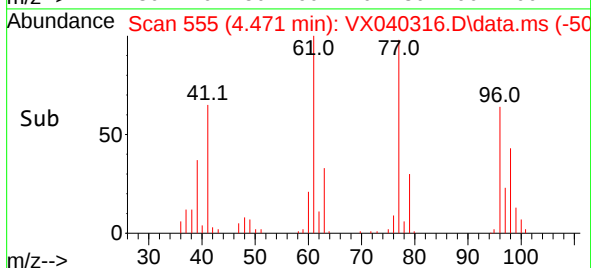
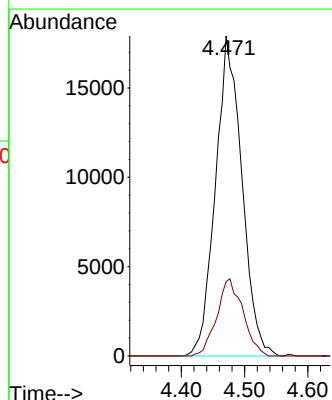
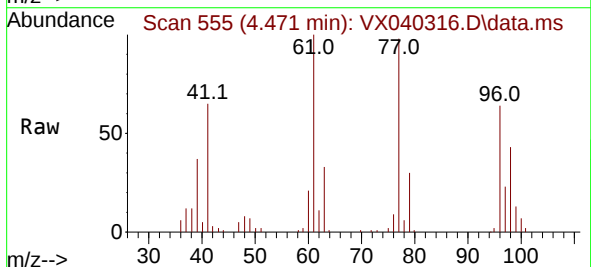
Manual Integrations
APPROVED

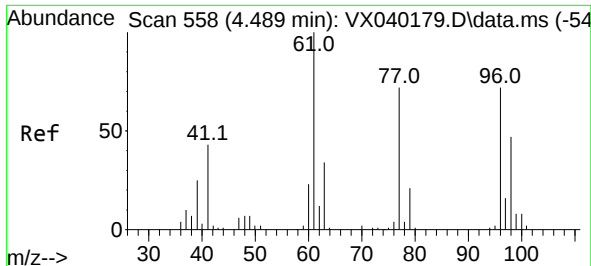
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#26
2,2-Dichloropropane
Concen: 46.682 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Tgt Ion: 77 Resp: 51827
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 53.847 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 49210

Ion Ratio Lower Upper

96 100

61 144.3 0.0 312.2

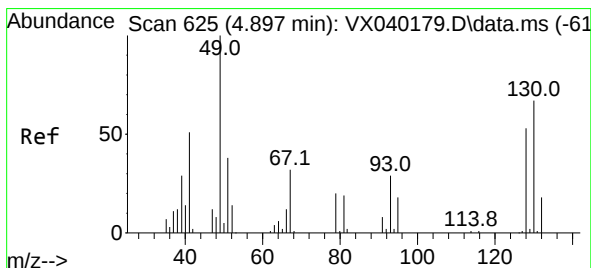
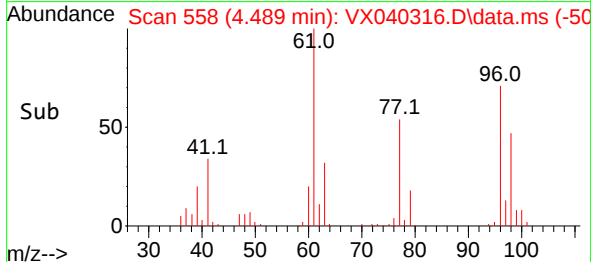
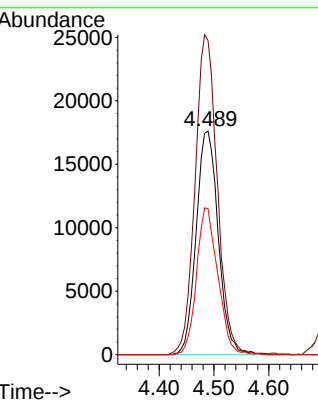
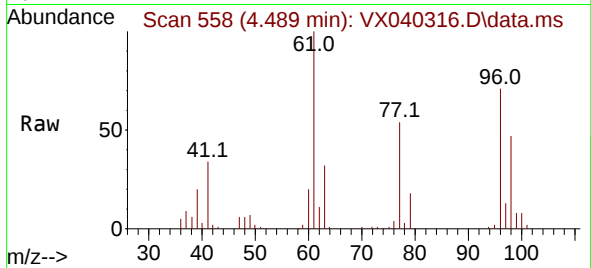
98 63.5 0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#28

Bromochloromethane

Concen: 52.639 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

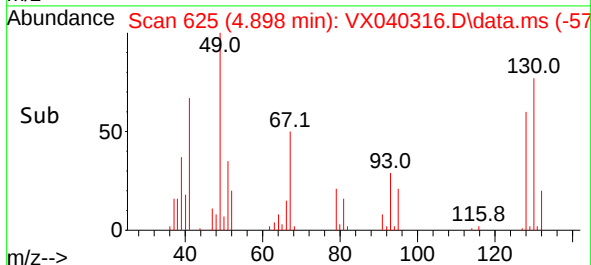
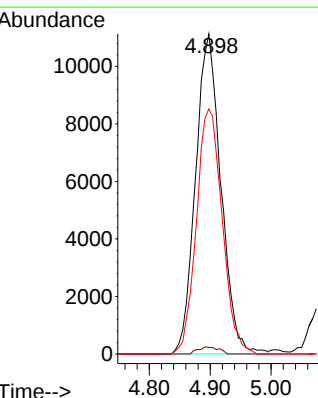
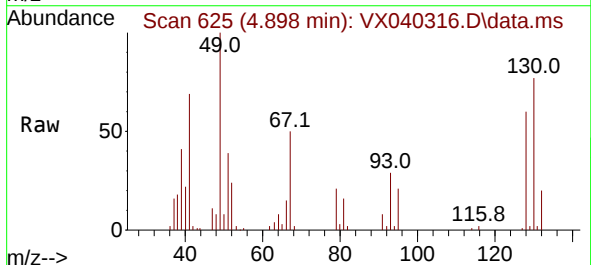
Tgt Ion: 49 Resp: 32232

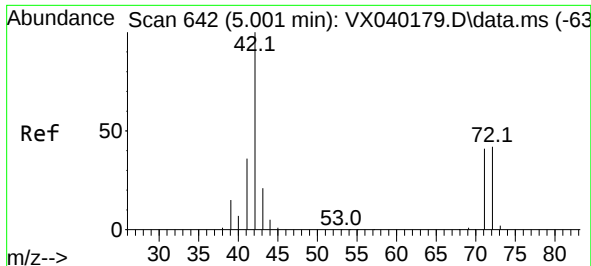
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 77.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 271.444 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.012 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 11638

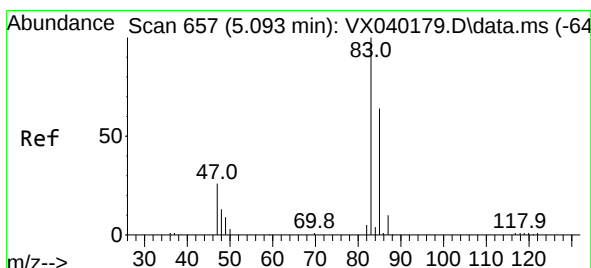
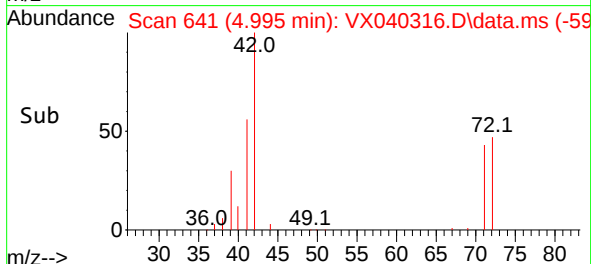
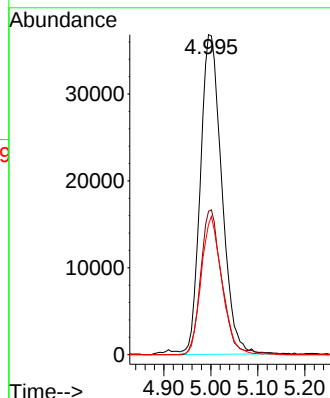
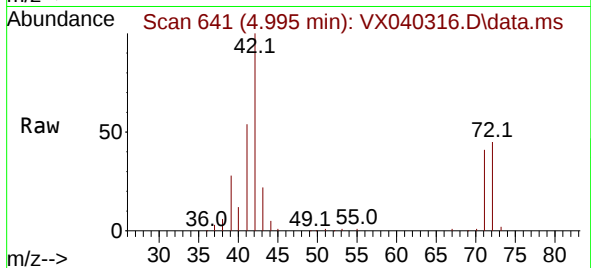
Ion	Ratio	Lower	Upper
42	100		
72	44.8	34.2	51.4
71	42.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#30

Chloroform

Concen: 54.786 ug/l

RT: 5.093 min Scan# 657

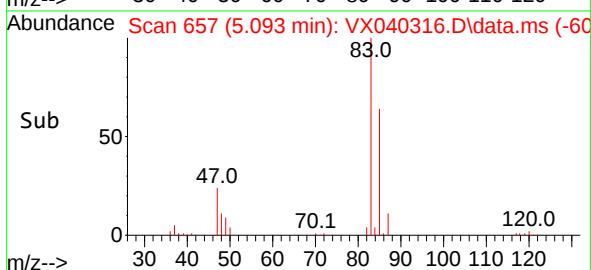
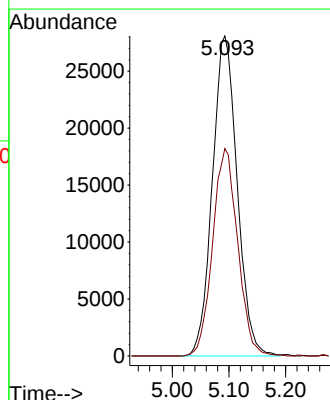
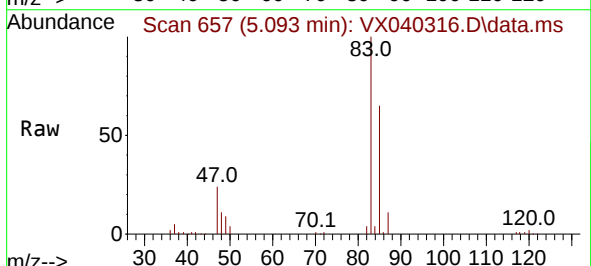
Delta R.T. -0.006 min

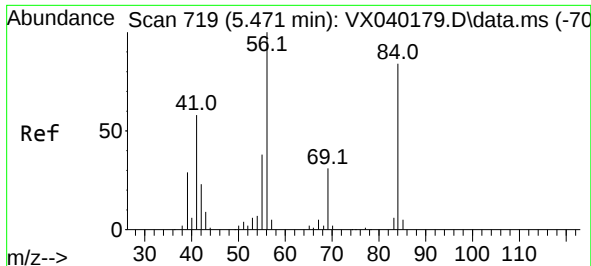
Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Tgt Ion: 83 Resp: 85428

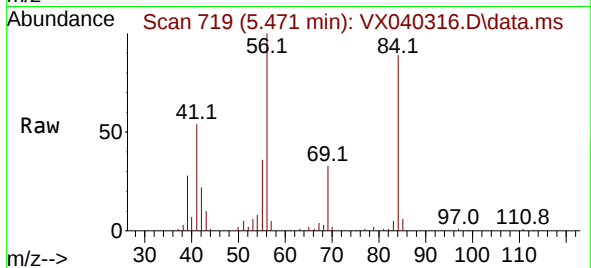
Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.3	75.5





#31
Cyclohexane
Concen: 50.007 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

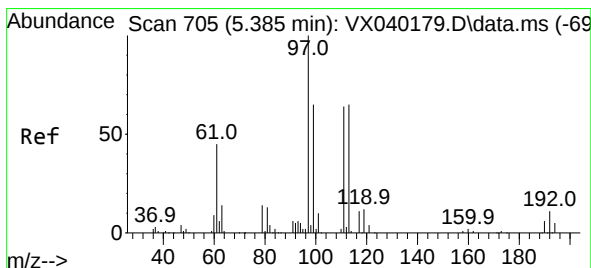
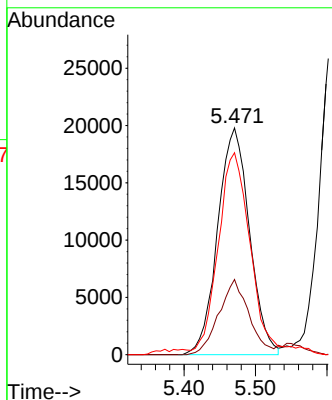
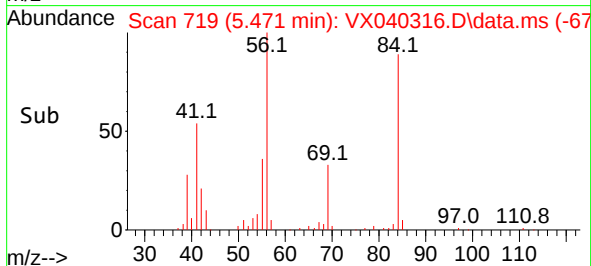
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 6114
Ion Ratio Lower Upper
56 100
69 33.1 23.4 35.2
84 87.0 65.9 98.9

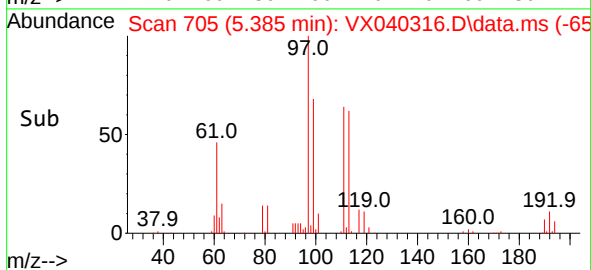
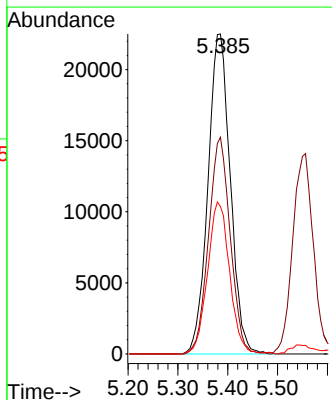
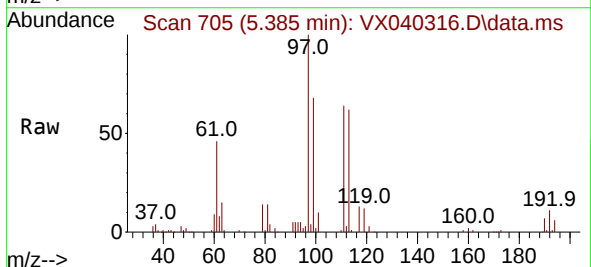
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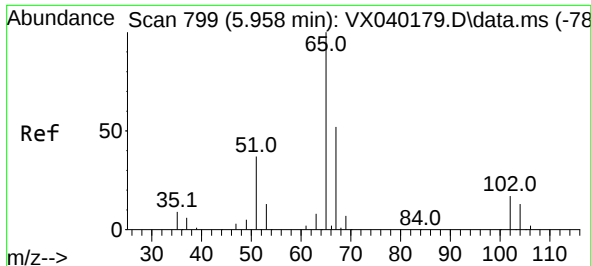
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#32
1,1,1-Trichloroethane
Concen: 53.409 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Tgt Ion: 97 Resp: 70062
Ion Ratio Lower Upper
97 100
99 65.6 51.1 76.7
61 46.8 36.4 54.6





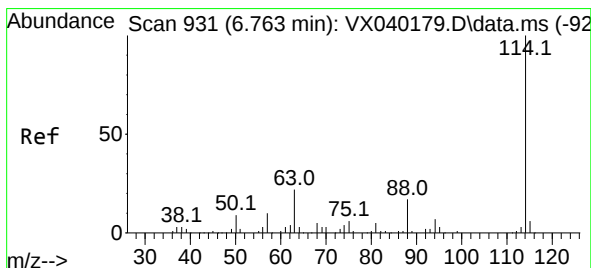
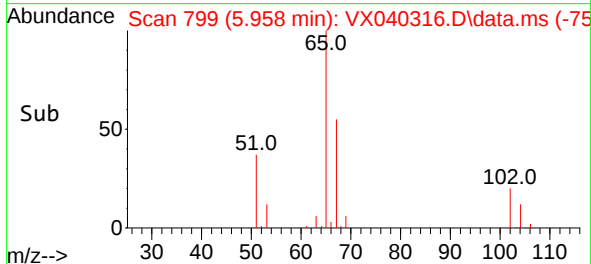
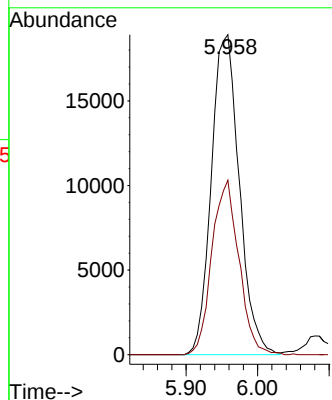
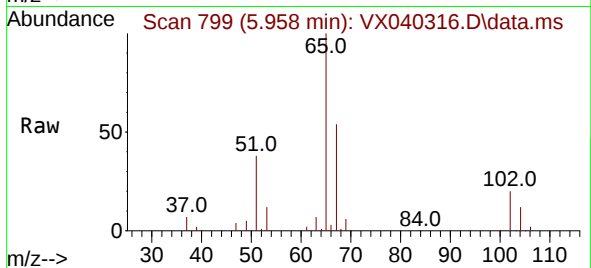
#33
1,2-Dichloroethane-d4
Concen: 50.141 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 51399
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

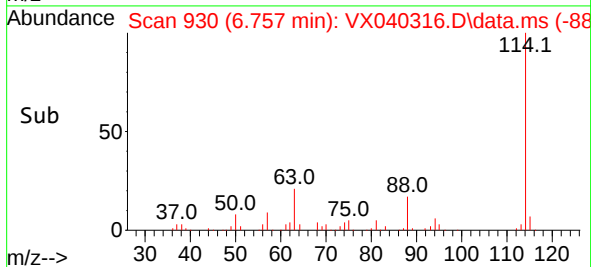
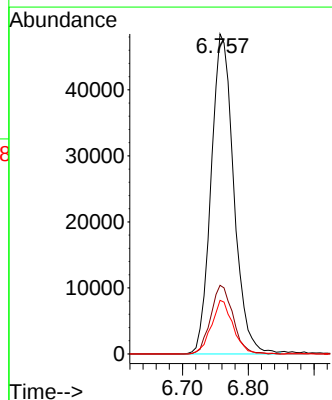
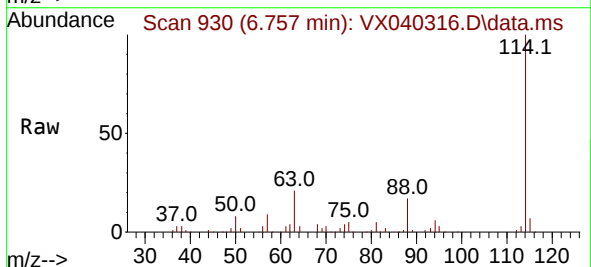
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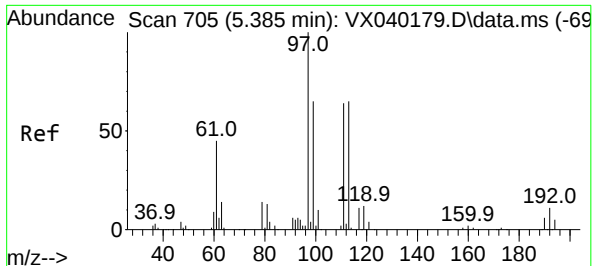
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Tgt Ion:114 Resp: 116060
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 51.244 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 4153

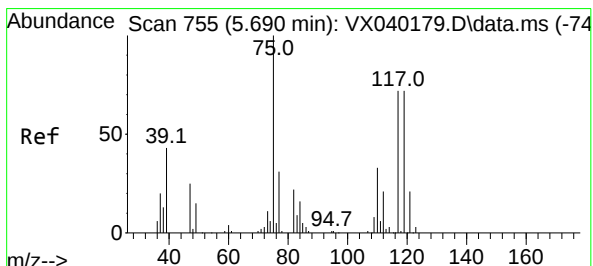
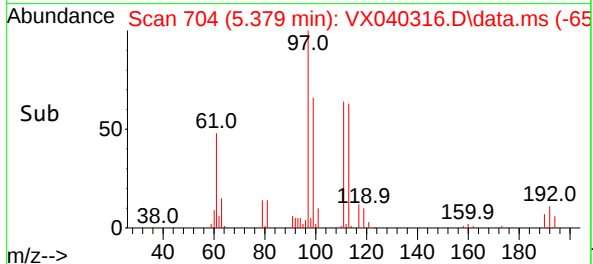
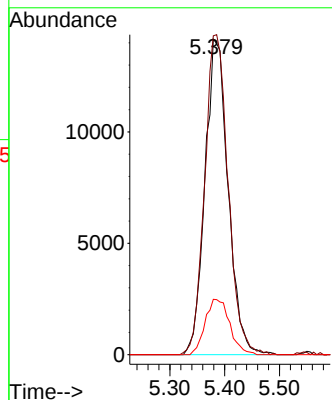
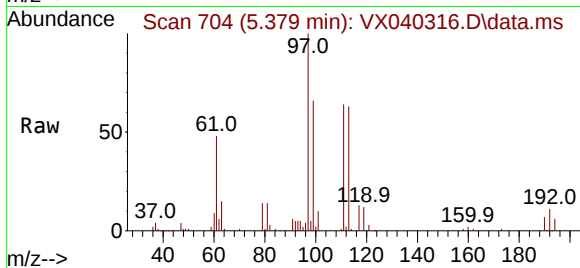
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	18.6	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#36

1,1-Dichloropropene

Concen: 51.456 ug/l

RT: 5.696 min Scan# 756

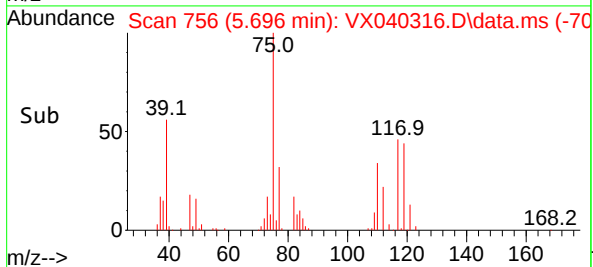
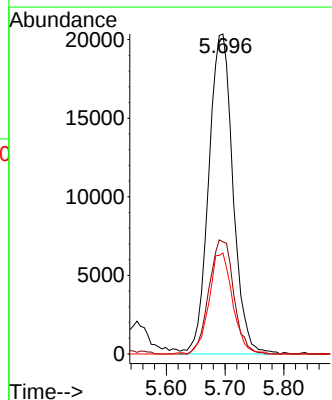
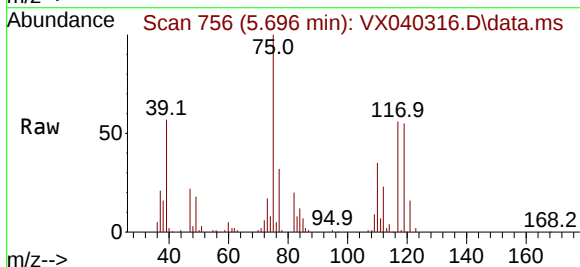
Delta R.T. 0.000 min

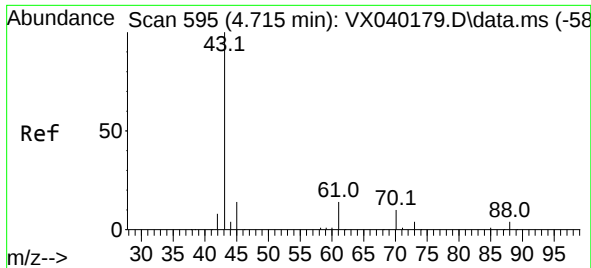
Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Tgt Ion: 75 Resp: 58422

Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.0	50.9
77	30.7	24.7	37.1





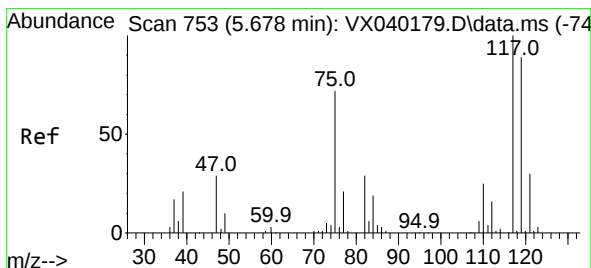
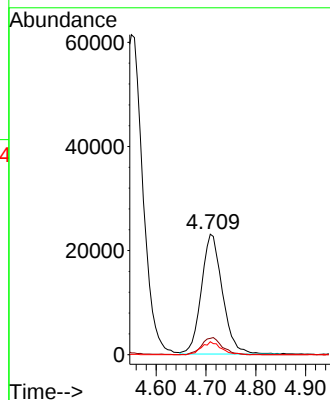
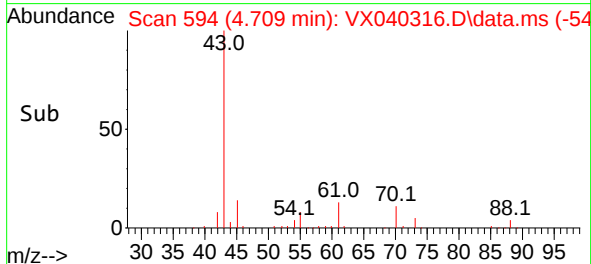
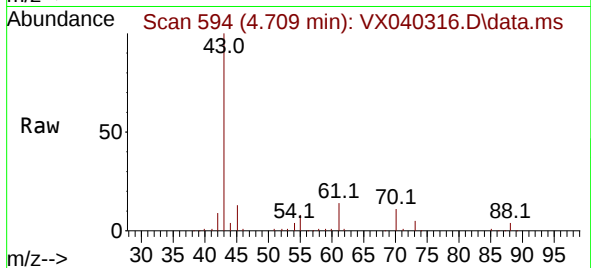
#37
Ethyl Acetate
Concen: 53.705 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.012 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 6784
Ion Ratio Lower Upper
43 100
61 13.8 10.6 16.0
70 9.9 8.3 12.5

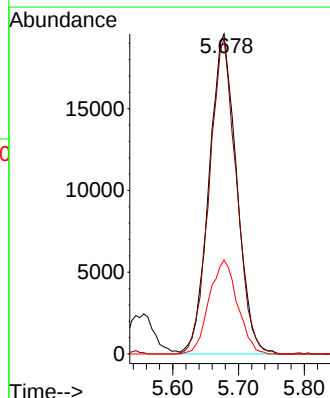
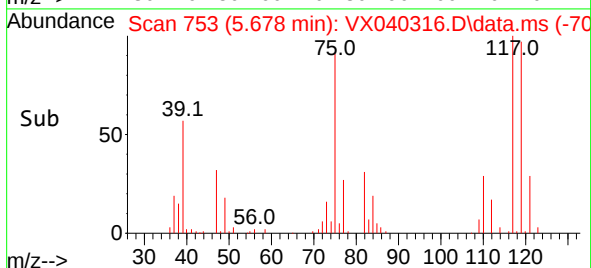
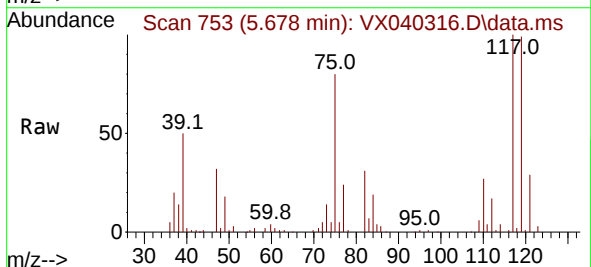
Manual Integrations
APPROVED

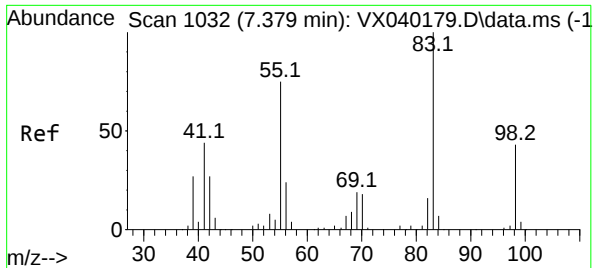
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#38
Carbon Tetrachloride
Concen: 52.766 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.006 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

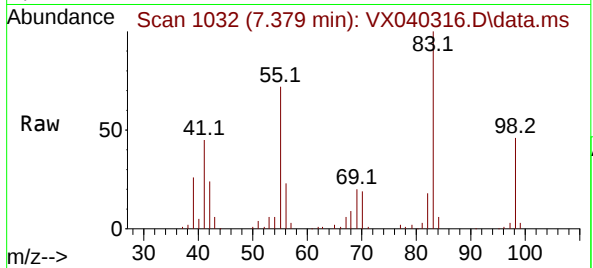
Tgt Ion:117 Resp: 56962
Ion Ratio Lower Upper
117 100
119 98.8 78.2 117.2
121 29.4 24.4 36.6





#39
Methylcyclohexane
Concen: 48.825 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

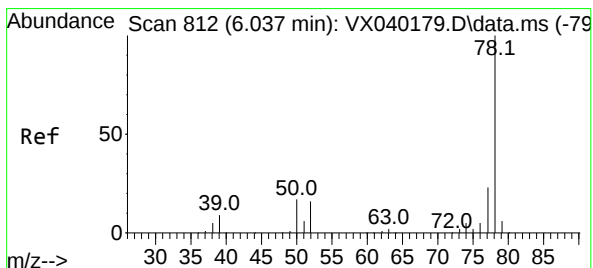
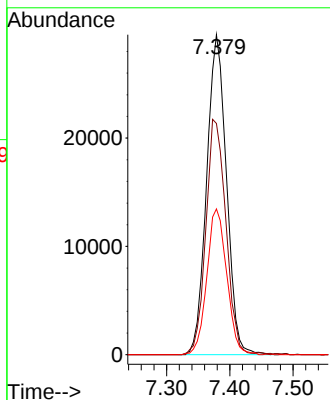
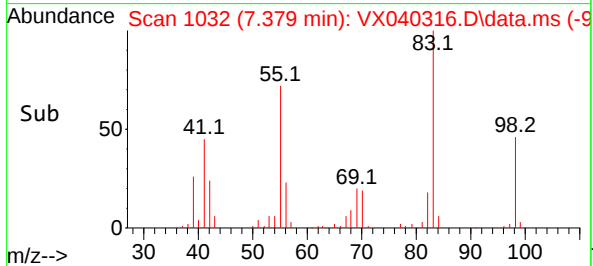
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



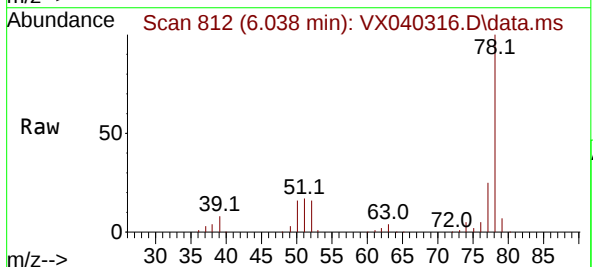
Tgt Ion: 83 Resp: 6442
Ion Ratio Lower Upper
83 100
55 72.3 64.6 97.0
98 45.6 36.7 55.1

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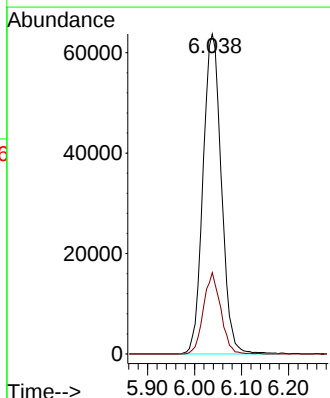
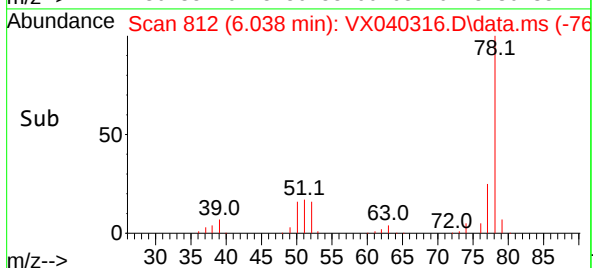
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

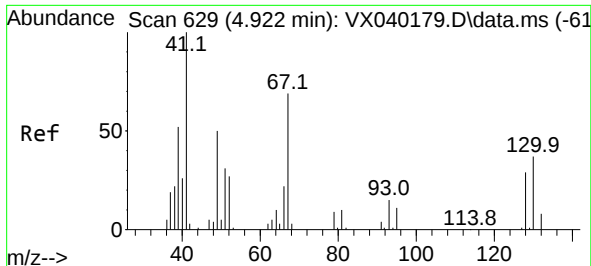


#40
Benzene
Concen: 54.327 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28



Tgt Ion: 78 Resp: 172490
Ion Ratio Lower Upper
78 100
77 25.4 19.3 28.9





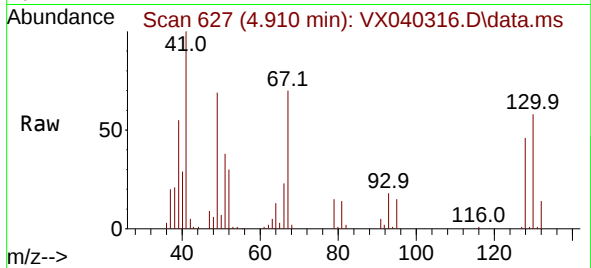
#41
Methacrylonitrile
Concen: 53.625 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



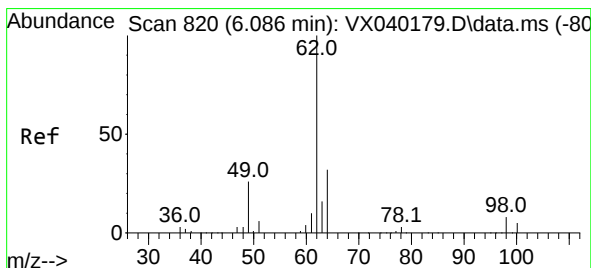
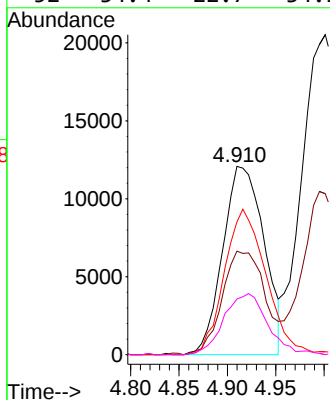
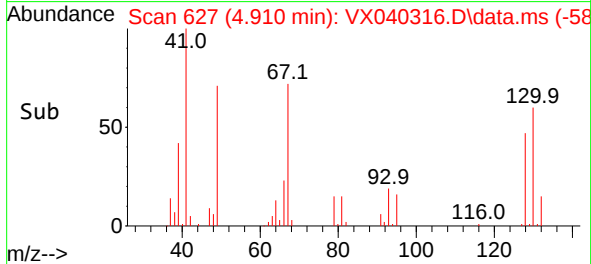
Tgt Ion: 41 Resp: 35914
Ion Ratio Lower Upper
41 100
39 56.3 45.2 67.8
67 78.2 52.6 78.8
52 34.4 22.7 34.1#

Manual Integrations

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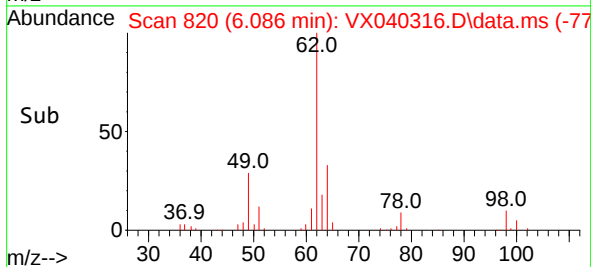
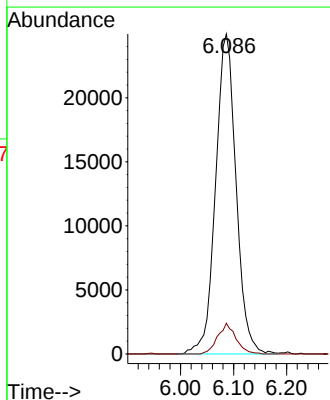
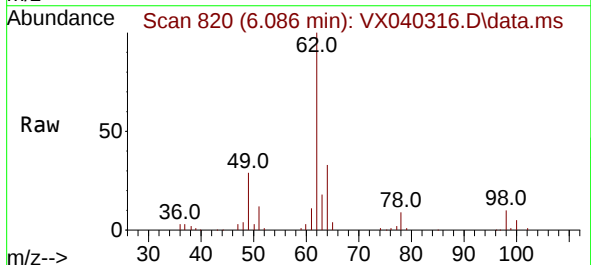
Reviewed By :John Carlone 02/20/2024

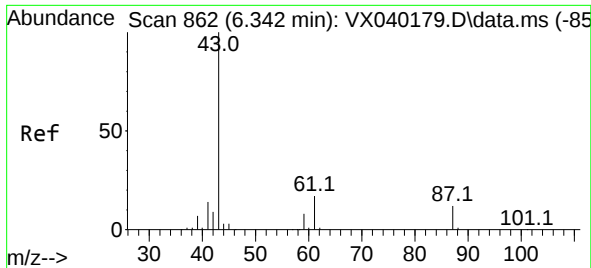
Supervised By :Mahesh Dadoda 02/20/2024



#42
1,2-Dichloroethane
Concen: 54.044 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Tgt Ion: 62 Resp: 67070
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.0





#43

Isopropyl Acetate

Concen: 54.283 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 10705

Ion Ratio Lower Upper

43 100

61 19.8 15.2 22.8

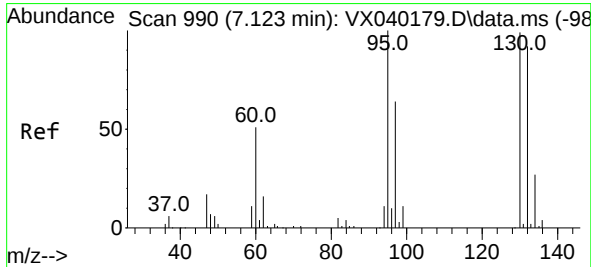
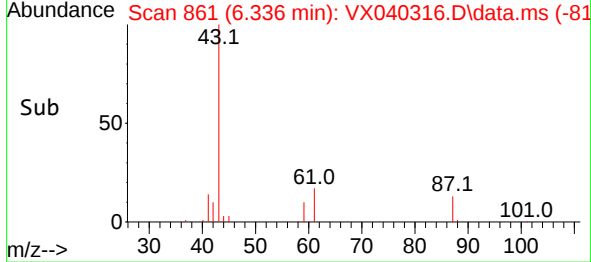
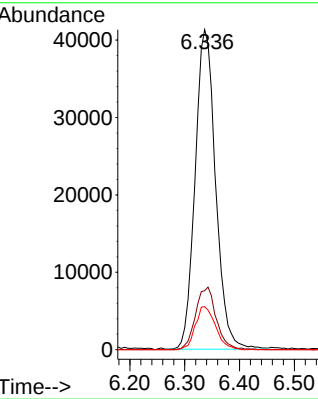
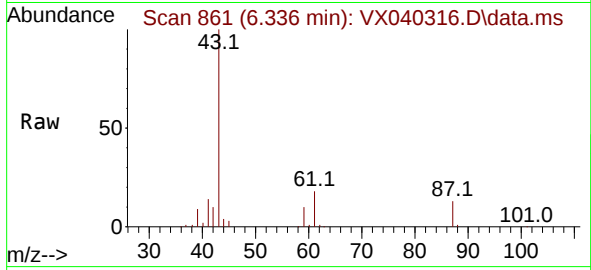
87 13.3 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#44

Trichloroethene

Concen: 55.169 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040316.D

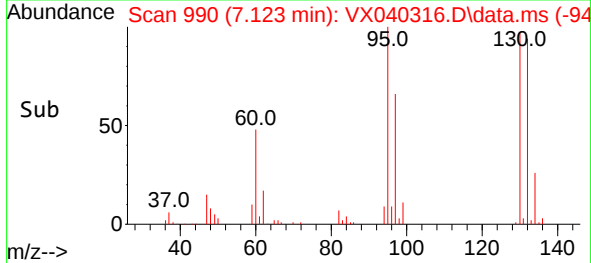
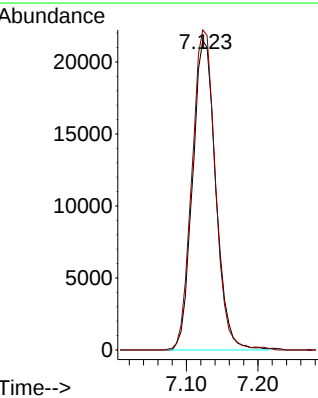
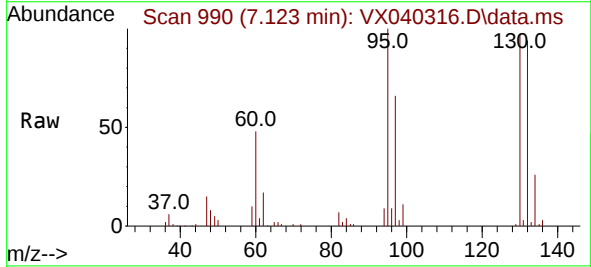
Acq: 17 Feb 2024 20:28

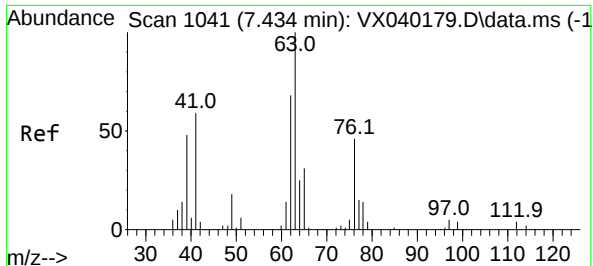
Tgt Ion:130 Resp: 48317

Ion Ratio Lower Upper

130 100

95 103.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 56.494 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 4668

Ion Ratio Lower Upper

63 100

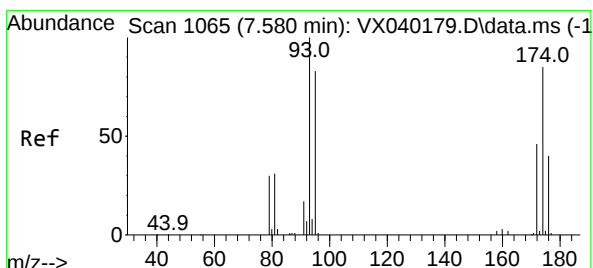
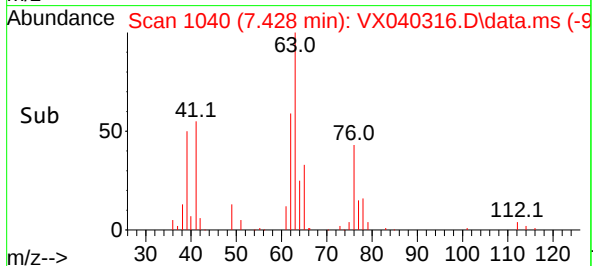
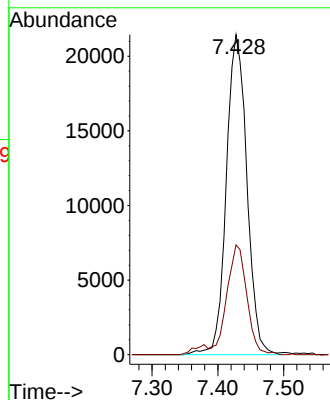
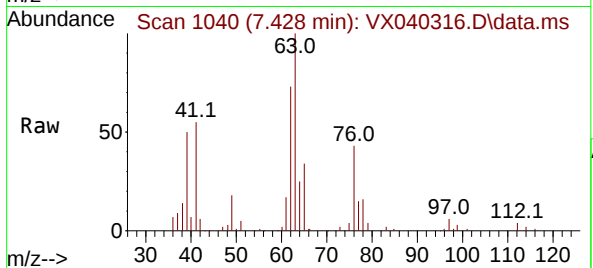
65 34.3 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#46

Dibromomethane

Concen: 56.770 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

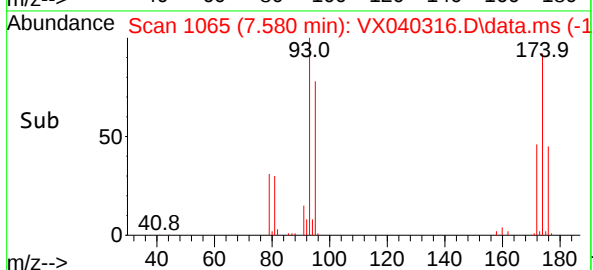
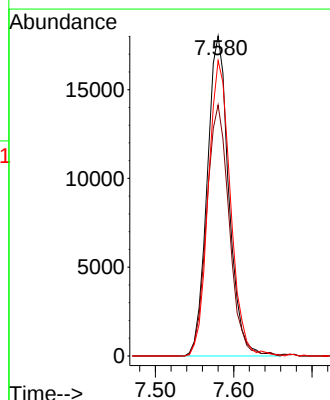
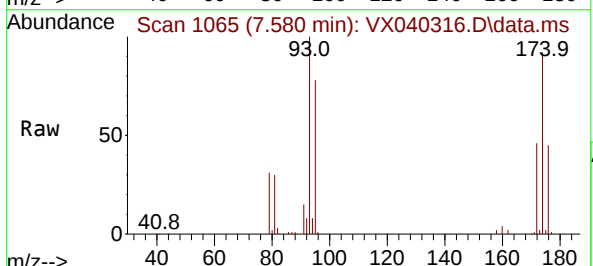
Tgt Ion: 93 Resp: 34552

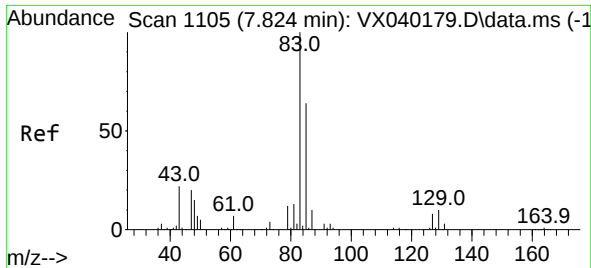
Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

174 94.6 69.4 104.0





#47
Bromodichloromethane
Concen: 57.519 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

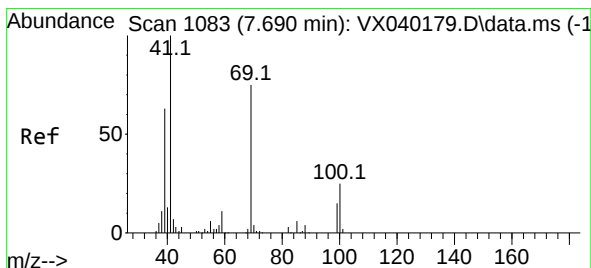
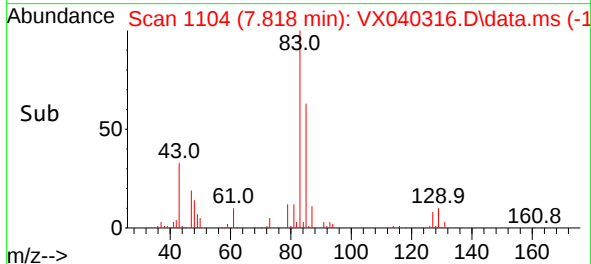
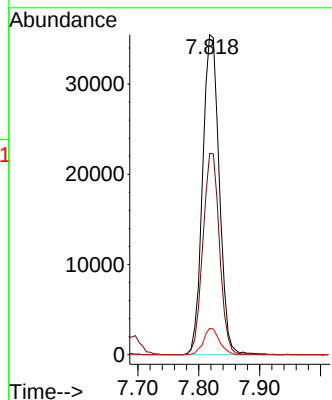
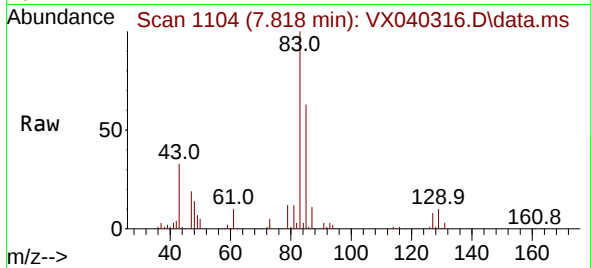
Tgt Ion: 83 Resp: 67454
Ion Ratio Lower Upper
83 100
85 62.9 49.8 74.6
127 8.2 7.1 10.7

Manual Integrations

APPROVED

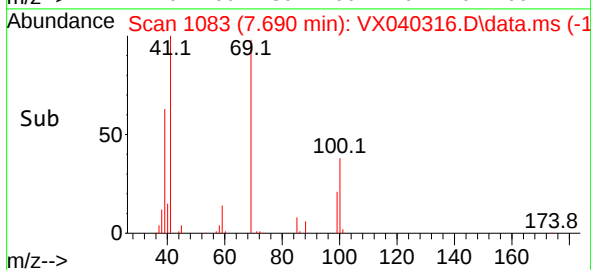
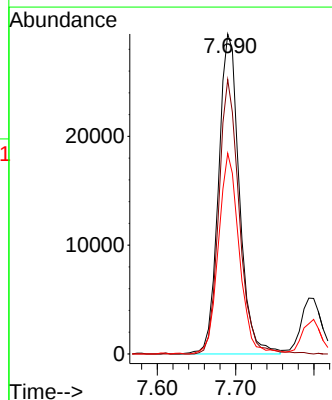
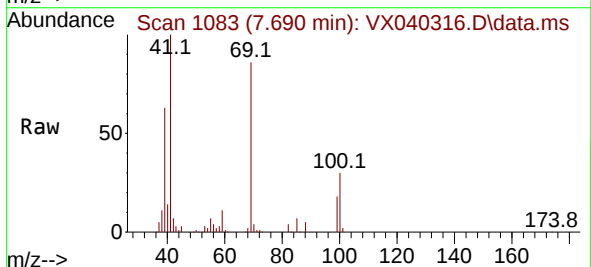
Reviewed By :John Carlone 02/20/2024

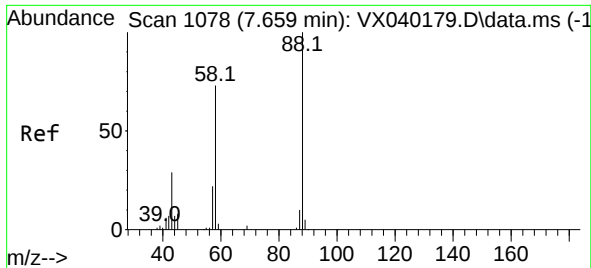
Supervised By :Mahesh Dadoda 02/20/2024



#48
Methyl methacrylate
Concen: 53.968 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

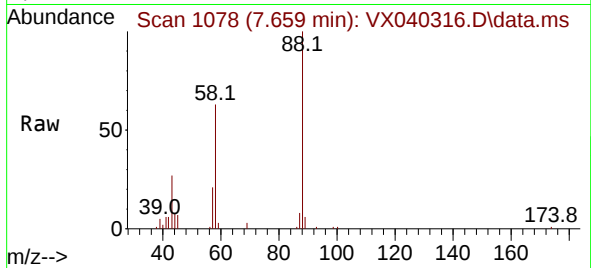
Tgt Ion: 41 Resp: 54459
Ion Ratio Lower Upper
41 100
69 84.0 59.2 88.8
39 62.7 47.7 71.5





#49
1,4-Dioxane
Concen: 1092.629 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

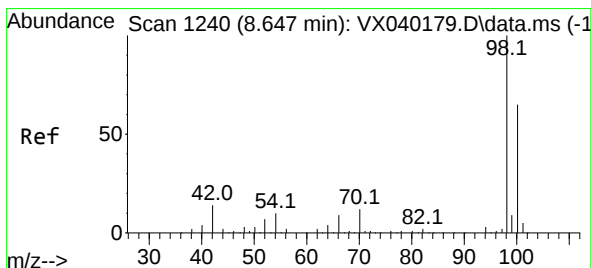
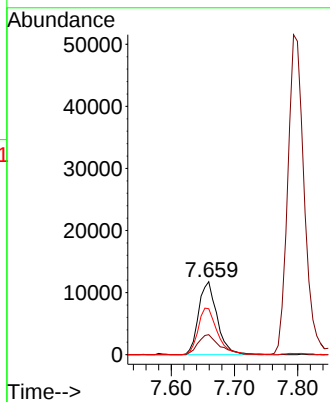
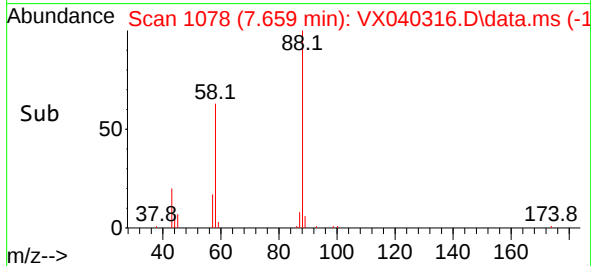
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 23980
Ion Ratio Lower Upper
88 100
43 32.1 0.0 0.0
58 66.0 60.1 90.1

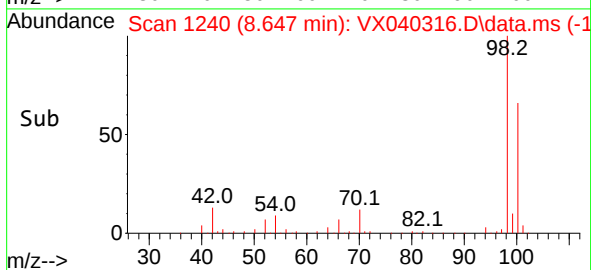
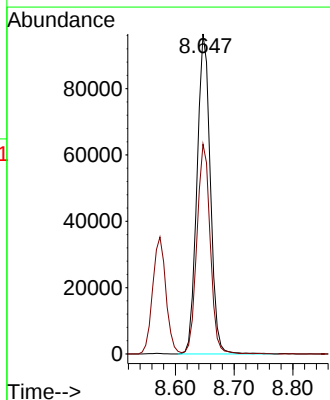
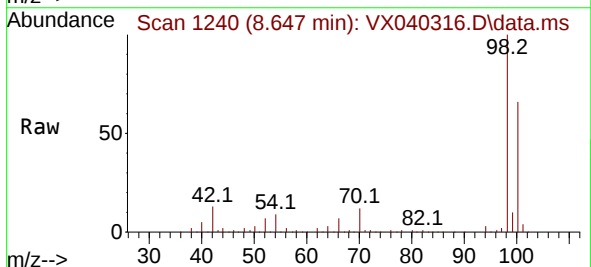
Manual Integrations
APPROVED

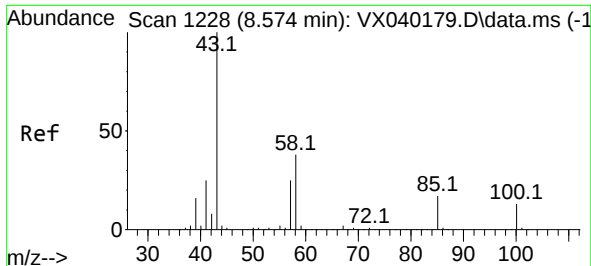
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#50
Toluene-d8
Concen: 50.105 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Tgt Ion: 98 Resp: 151910
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 282.511 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 380380

Ion Ratio Lower Upper

43 100

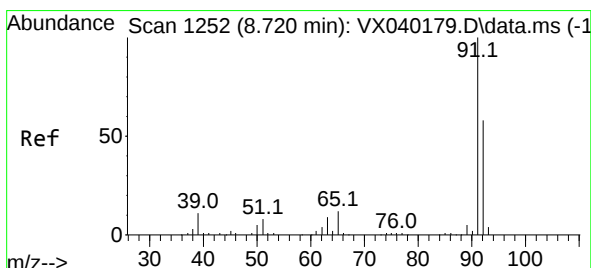
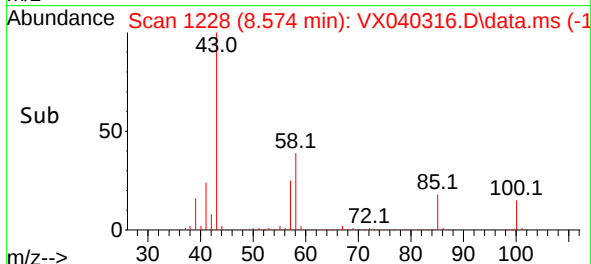
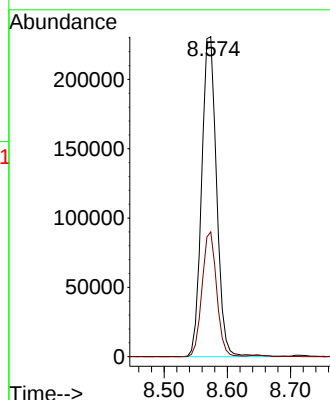
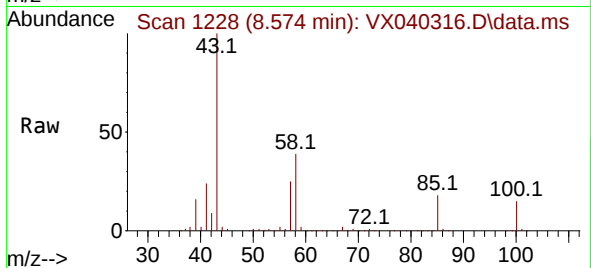
58 38.0 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#52

Toluene

Concen: 54.146 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX040316.D

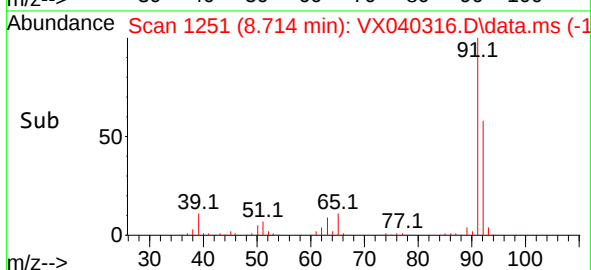
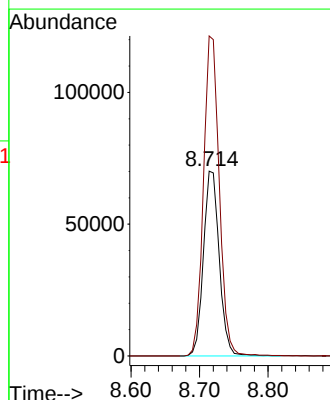
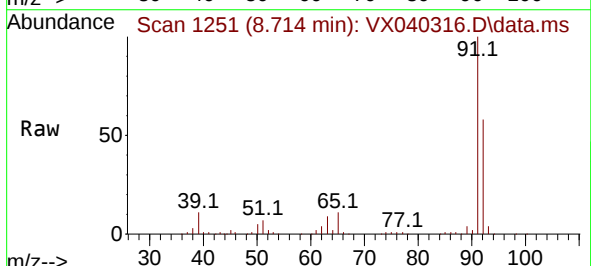
Acq: 17 Feb 2024 20:28

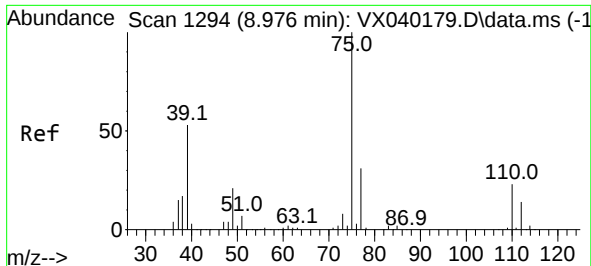
Tgt Ion: 92 Resp: 112607

Ion Ratio Lower Upper

92 100

91 172.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 50.013 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 69790

Ion Ratio Lower Upper

75 100

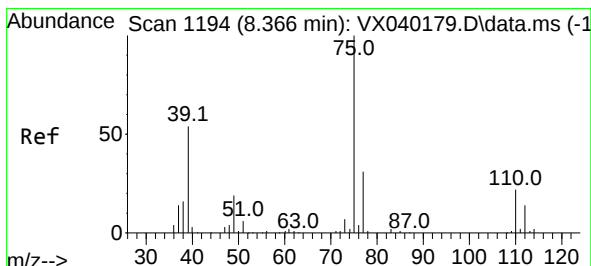
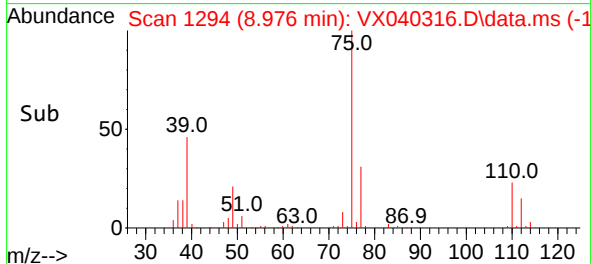
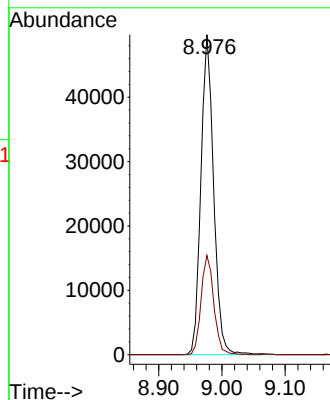
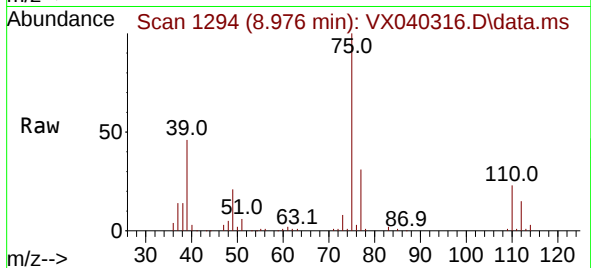
77 31.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#54

cis-1,3-Dichloropropene

Concen: 55.717 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

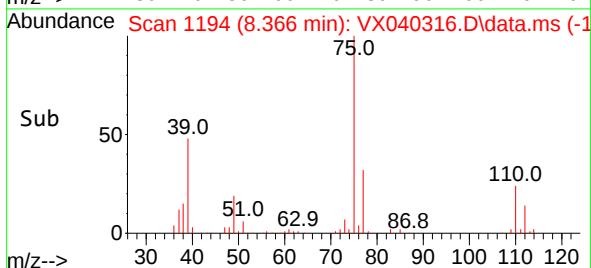
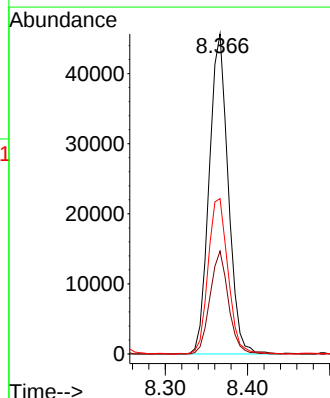
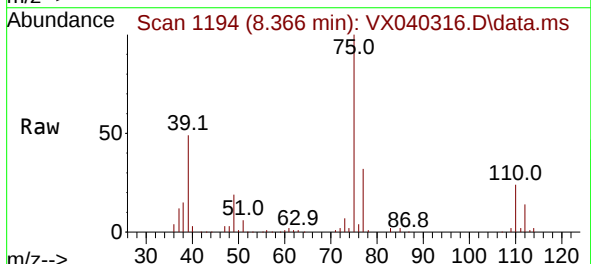
Tgt Ion: 75 Resp: 73229

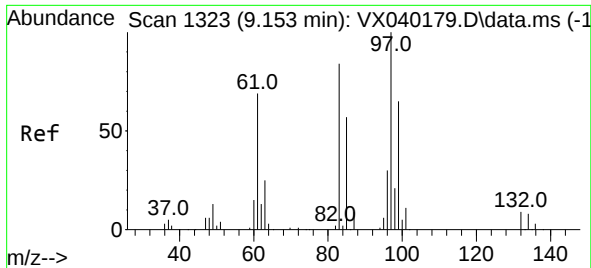
Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9

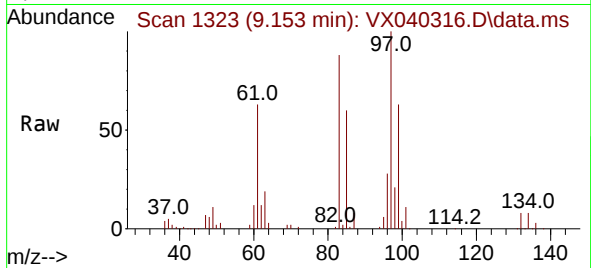
39 48.4 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 55.251 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

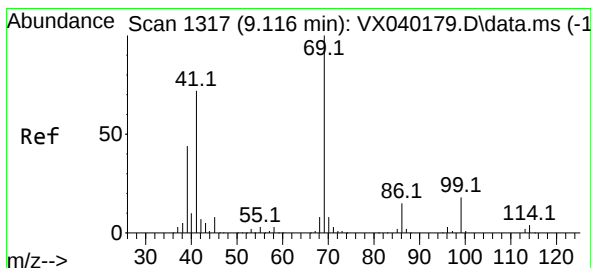
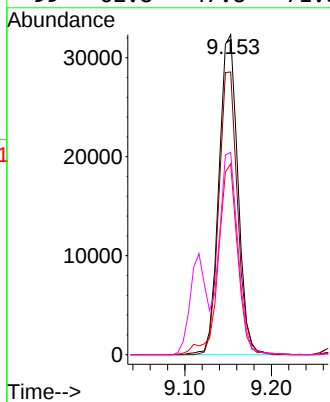
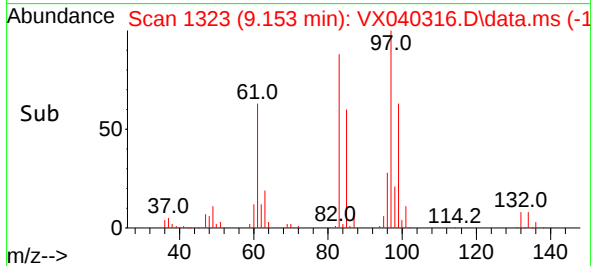


Tgt Ion: 97 Resp: 49008

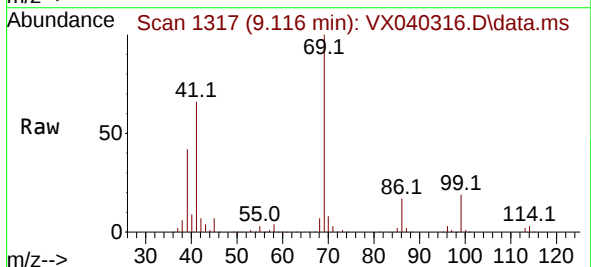
Ion	Ratio	Lower	Upper
97	100		
83	88.4	65.8	98.8
85	59.4	41.6	62.4
99	62.8	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024

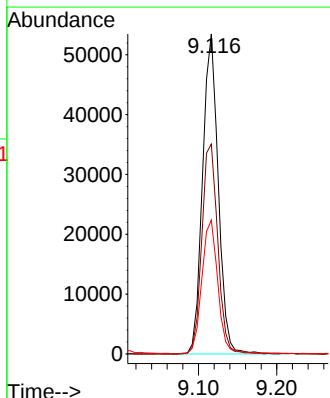
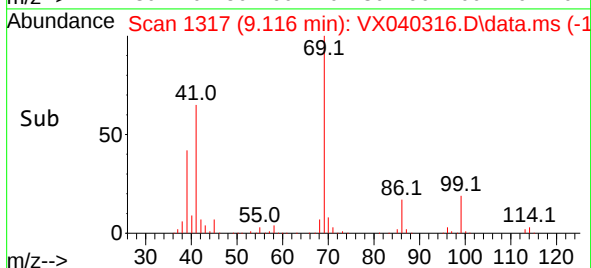


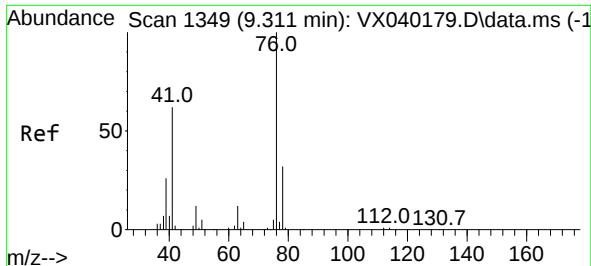
#56
Ethyl methacrylate
Concen: 55.889 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28



Tgt Ion: 69 Resp: 74215

Ion	Ratio	Lower	Upper
69	100		
41	66.8	56.8	85.2
39	43.2	32.0	48.0





#57

1,3-Dichloropropane

Concen: 55.669 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 80598

Ion Ratio Lower Upper

76 100

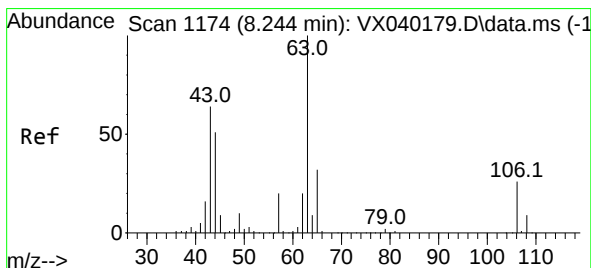
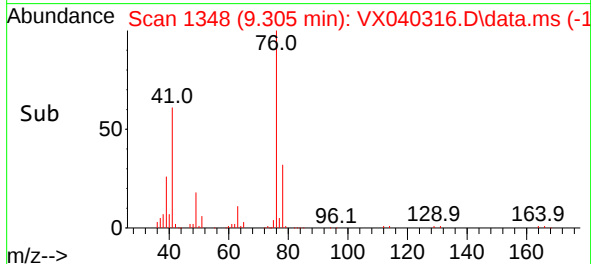
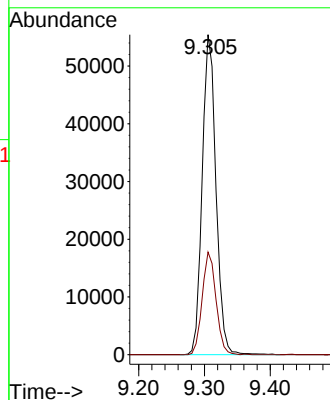
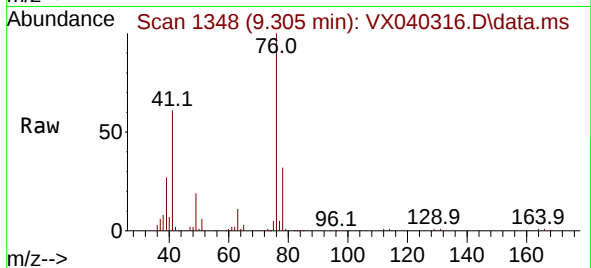
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#58

2-Chloroethyl Vinyl ether

Concen: 255.169 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX040316.D

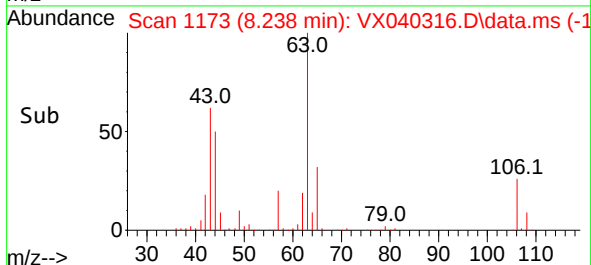
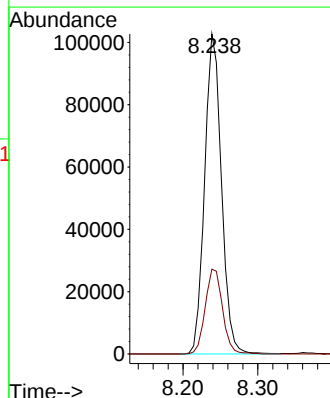
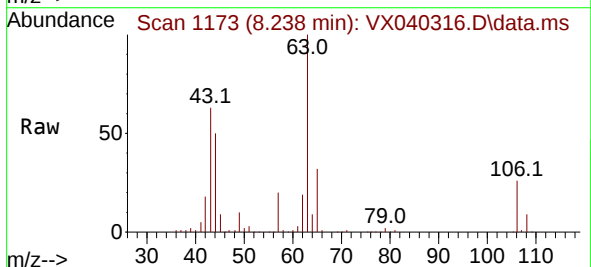
Acq: 17 Feb 2024 20:28

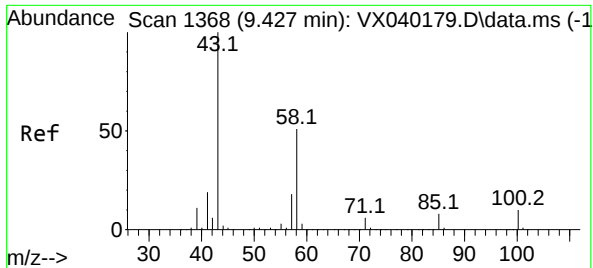
Tgt Ion: 63 Resp: 160290

Ion Ratio Lower Upper

63 100

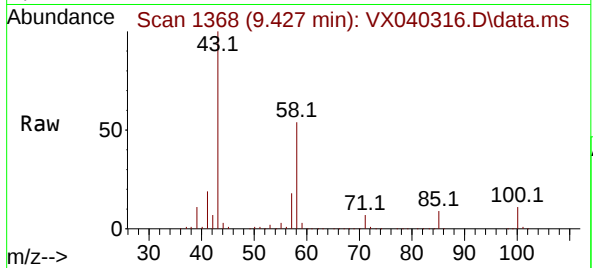
106 27.2 22.5 33.7





#59
2-Hexanone
Concen: 276.977 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

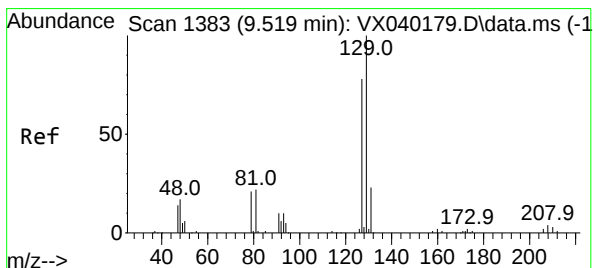
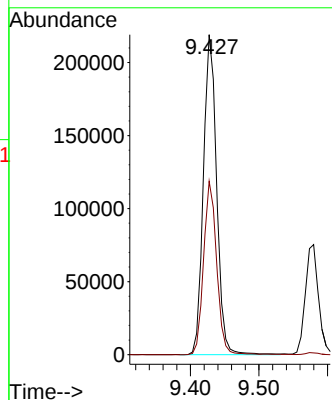
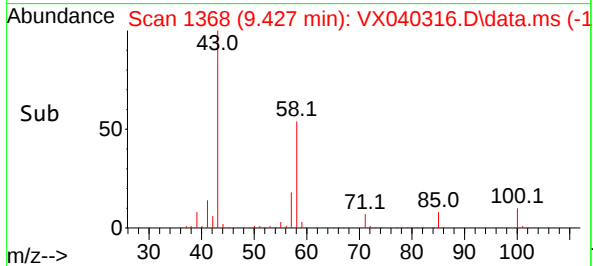
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 29568
Ion Ratio Lower Upper
43 100
58 53.5 26.2 78.5

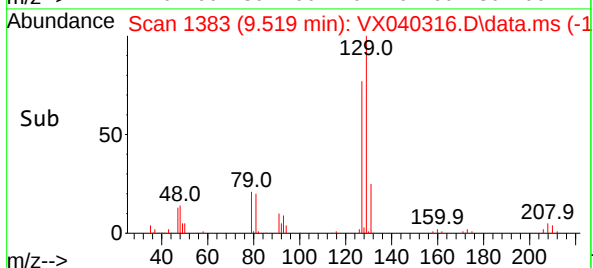
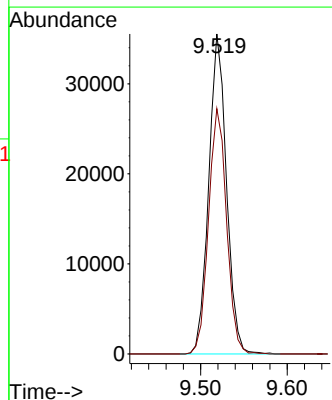
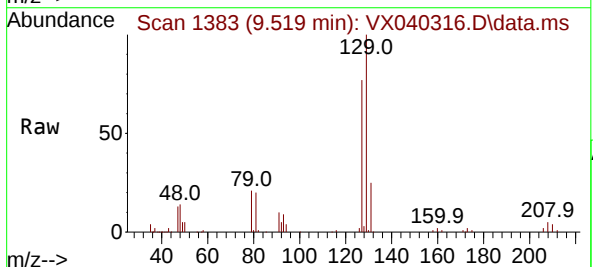
Manual Integrations
APPROVED

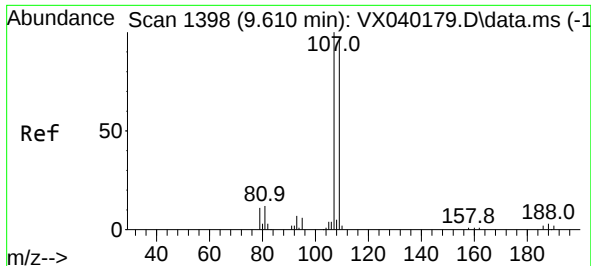
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#60
Dibromochloromethane
Concen: 55.946 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

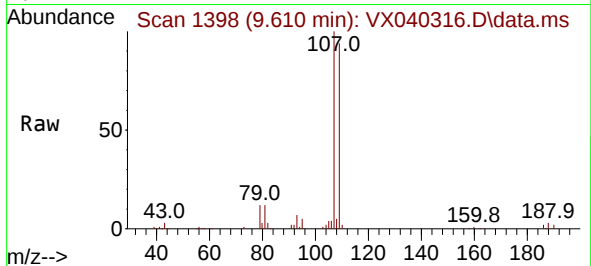
Tgt Ion:129 Resp: 50559
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.035 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

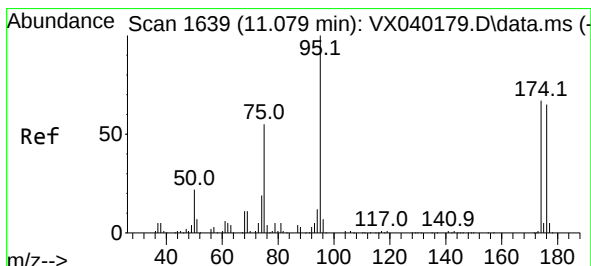
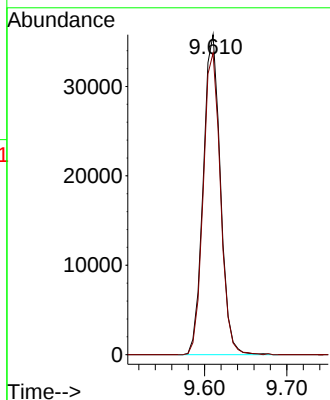
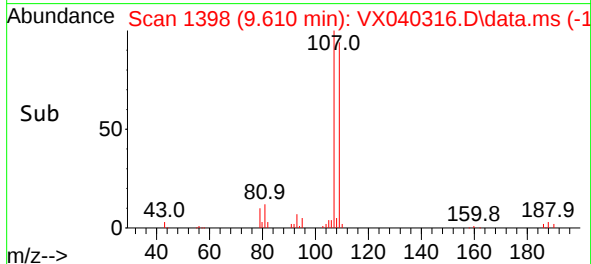
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 51889
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

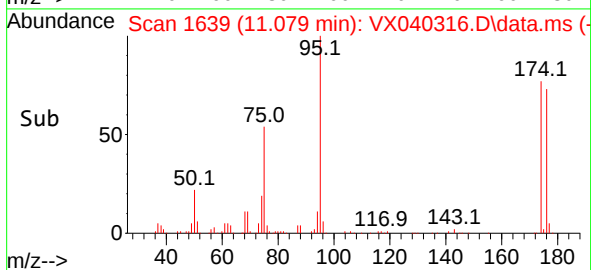
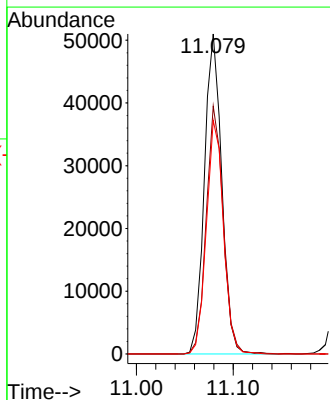
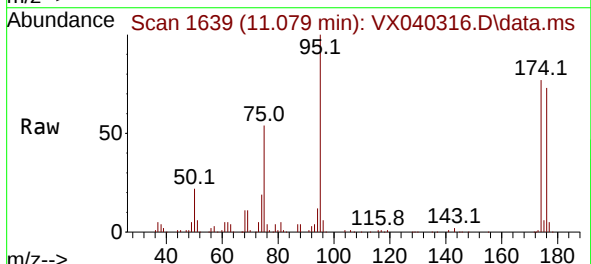
Manual Integrations
APPROVED

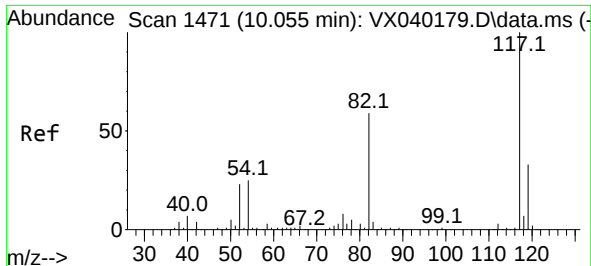
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#62
4-Bromofluorobenzene
Concen: 51.287 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

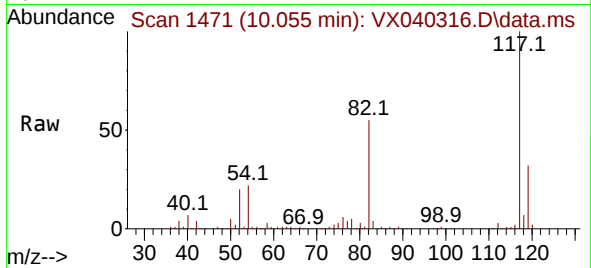
Tgt Ion: 95 Resp: 63417
Ion Ratio Lower Upper
95 100
174 76.6 0.0 135.6
176 72.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

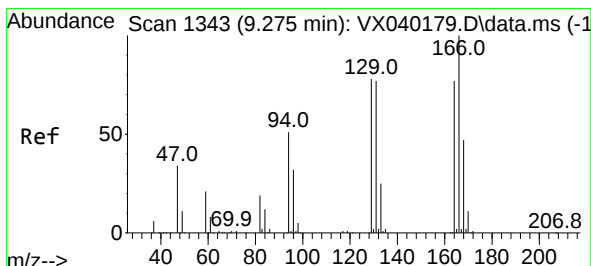
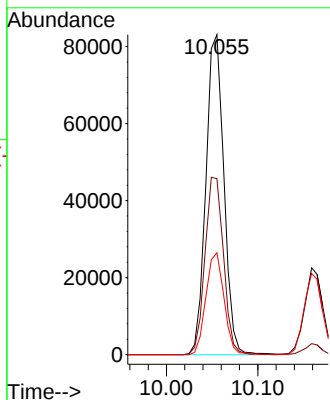
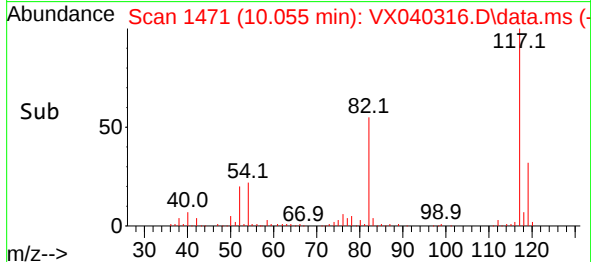
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 113530
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 31.8 25.5 38.3

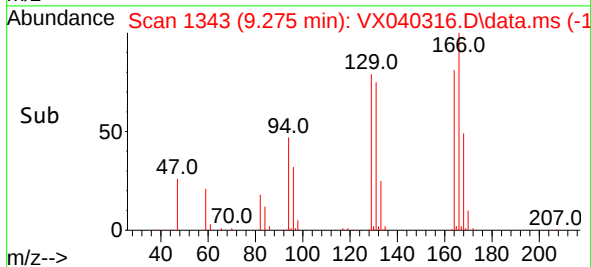
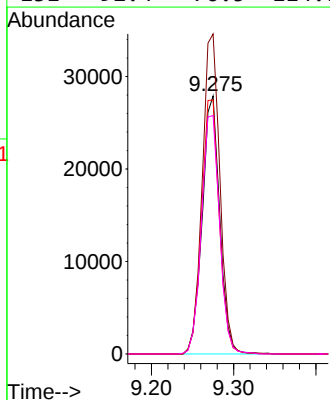
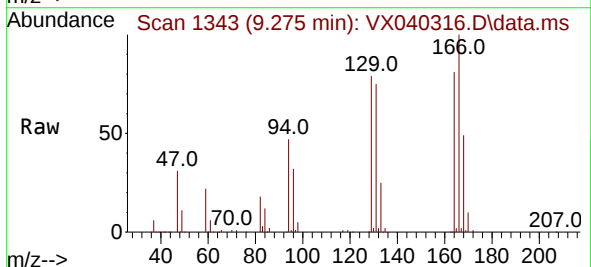
Manual Integrations
APPROVED

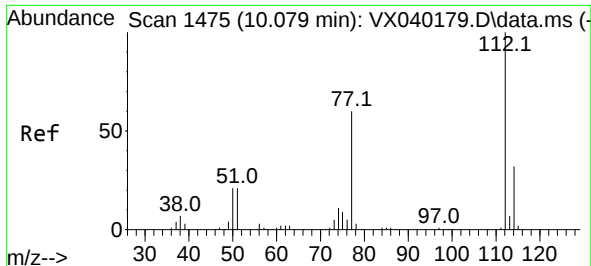
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#64
Tetrachloroethene
Concen: 51.785 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Tgt Ion:164 Resp: 41199
Ion Ratio Lower Upper
164 100
166 124.1 102.7 154.1
129 98.5 80.4 120.6
131 92.4 76.5 114.7





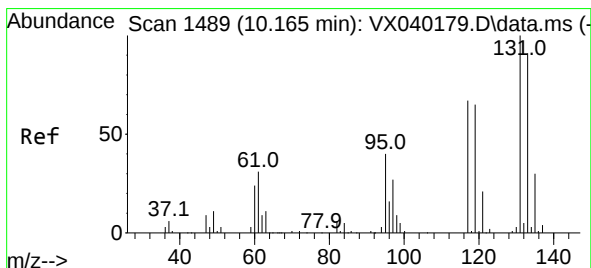
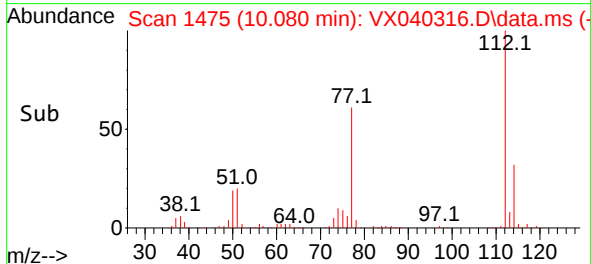
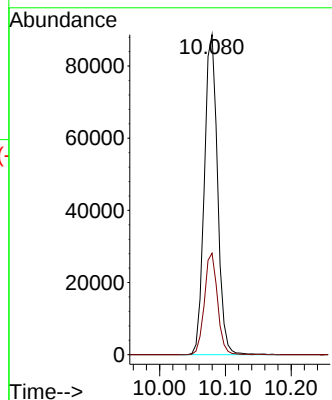
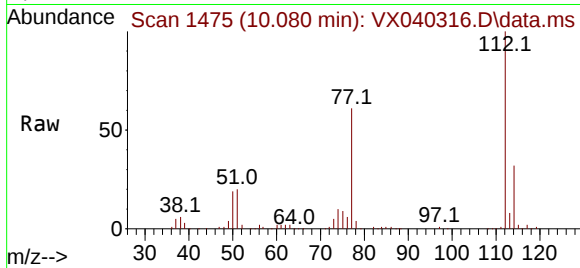
#65
Chlorobenzene
Concen: 52.240 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 123778
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5

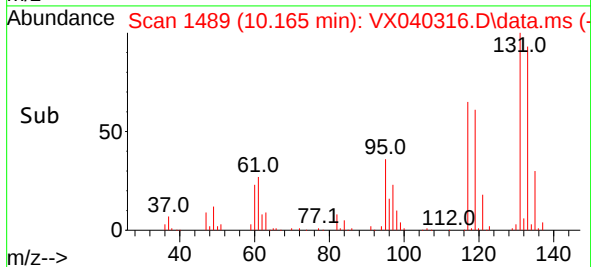
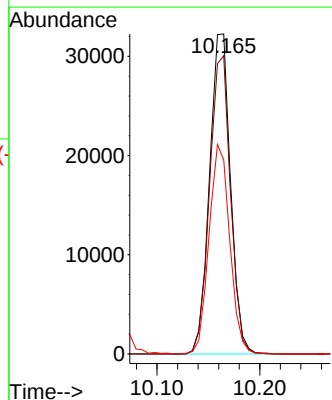
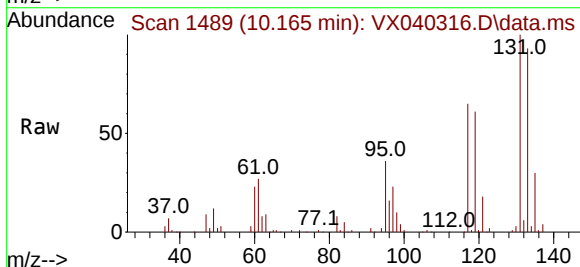
Manual Integrations
APPROVED

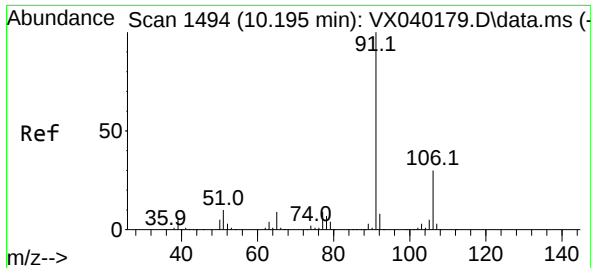
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 55.839 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

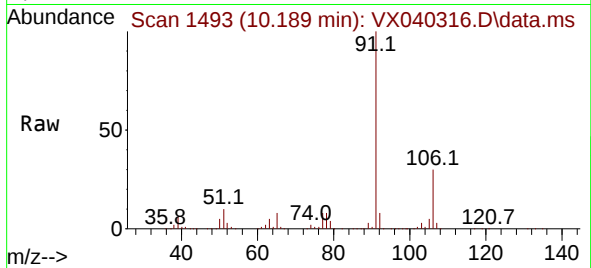
Tgt Ion:131 Resp: 45823
Ion Ratio Lower Upper
131 100
133 93.3 47.1 141.4
119 64.7 32.2 96.6





#67
Ethyl Benzene
Concen: 53.766 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

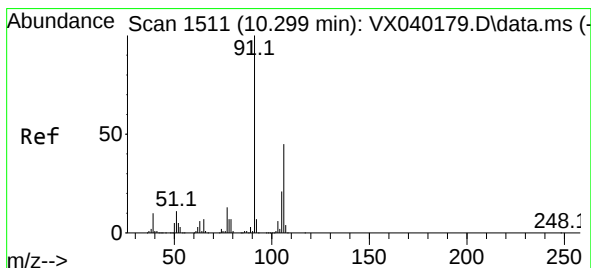
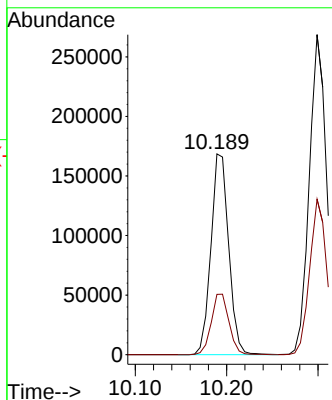
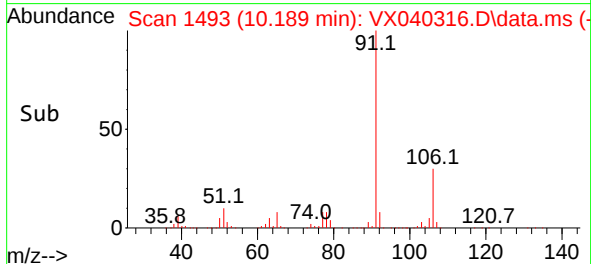
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 22688
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3

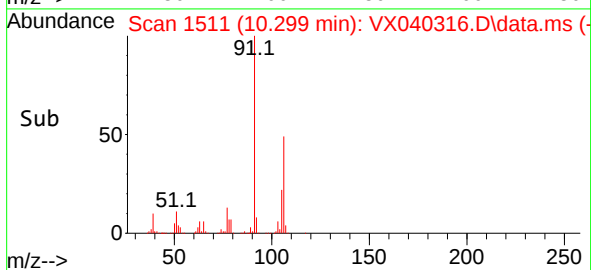
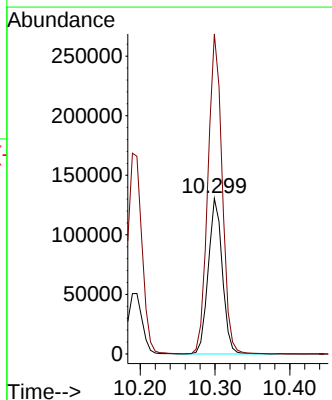
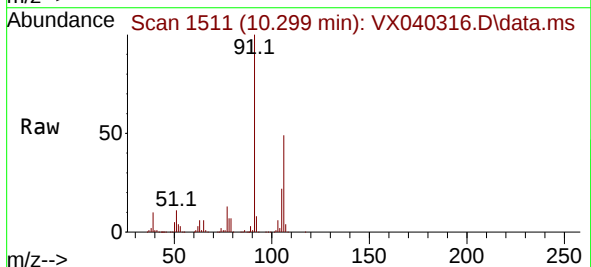
Manual Integrations
APPROVED

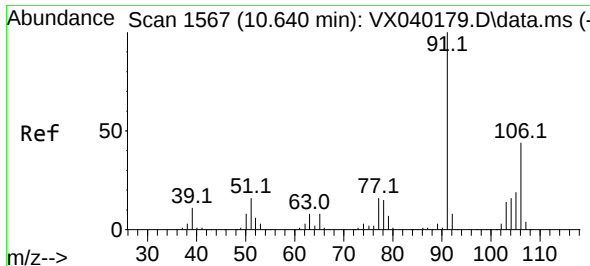
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#68
m/p-Xylenes
Concen: 106.957 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Tgt Ion:106 Resp: 170463
Ion Ratio Lower Upper
106 100
91 208.9 165.5 248.3





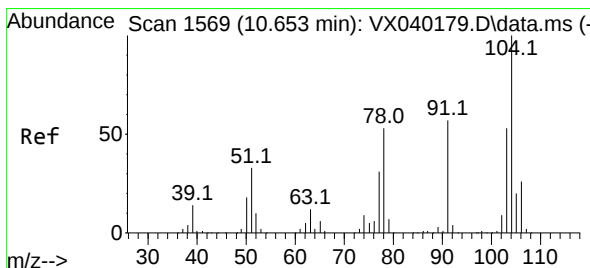
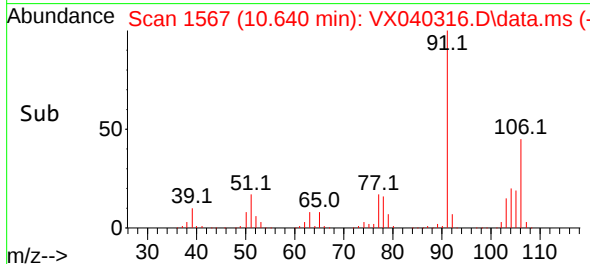
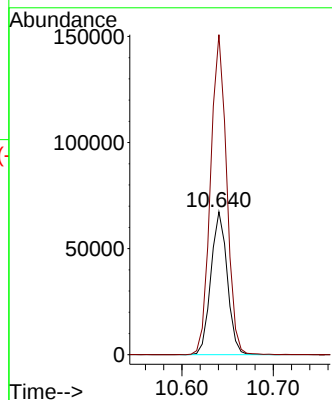
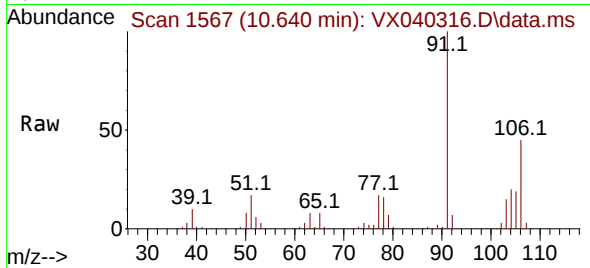
#69
o-Xylene
Concen: 54.147 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 8386
Ion Ratio Lower Upper
106 100
91 221.1 108.9 326.8

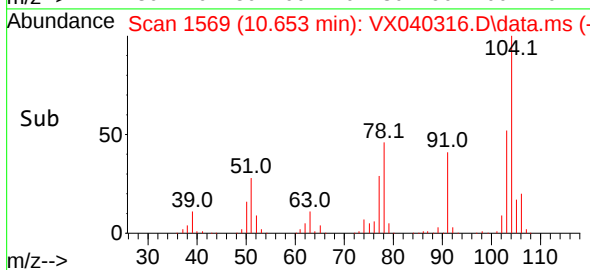
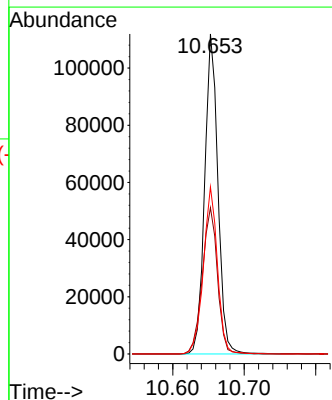
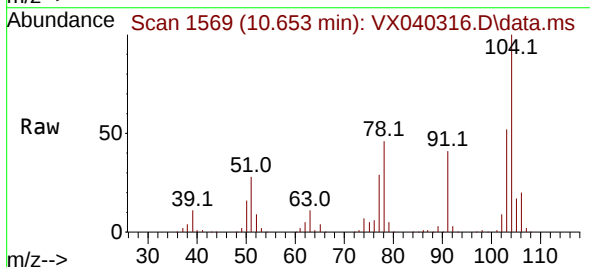
Manual Integrations
APPROVED

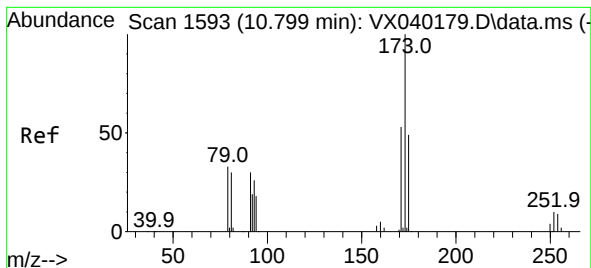
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#70
Styrene
Concen: 55.886 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Tgt Ion:104 Resp: 143903
Ion Ratio Lower Upper
104 100
78 52.3 43.6 65.4
103 55.5 43.6 65.4





#71

Bromoform

Concen: 49.396 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

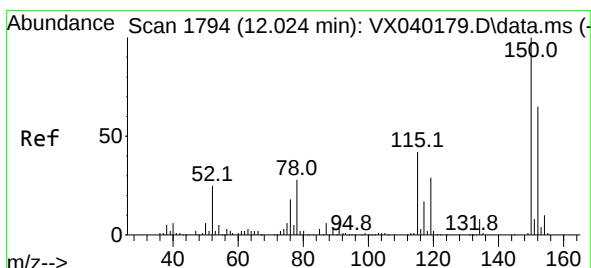
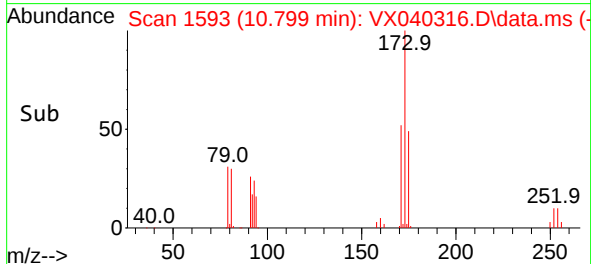
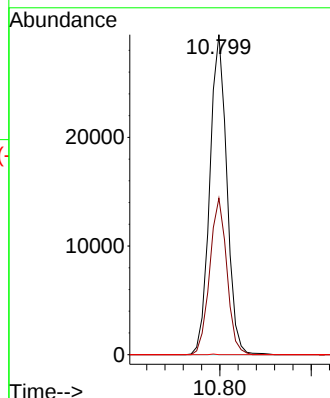
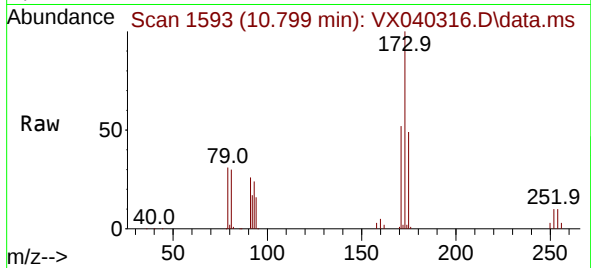
Tgt Ion:173	Resp:	3805
Ion Ratio	Lower	Upper
173	100	
175	49.0	24.1 72.4
254	0.1	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

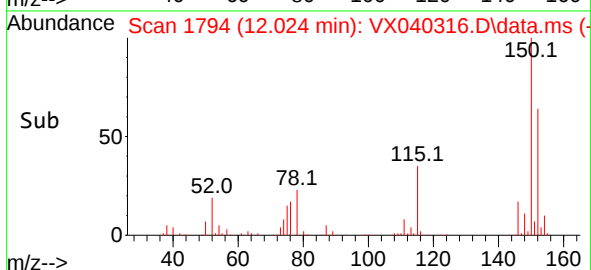
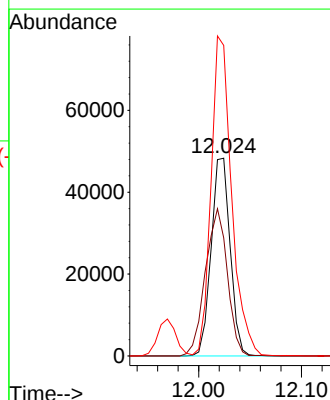
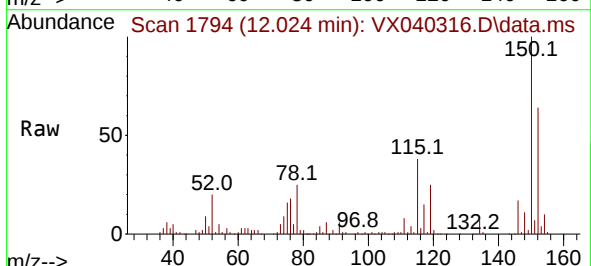
RT: 12.024 min Scan# 1794

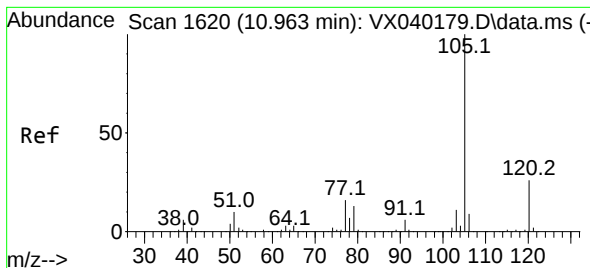
Delta R.T. 0.000 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Tgt Ion:152	Resp:	61912
Ion Ratio	Lower	Upper
152	100	
115	86.4	43.3 129.9
150	175.1	0.0 345.0





#73

Isopropylbenzene

Concen: 52.799 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 23023

Ion Ratio Lower Upper

105 100

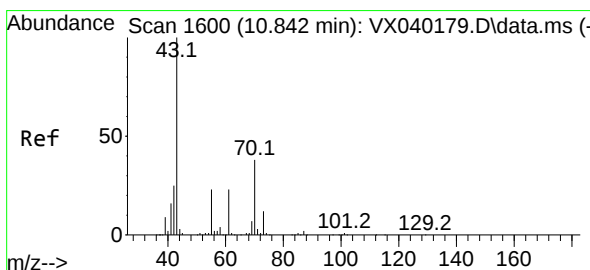
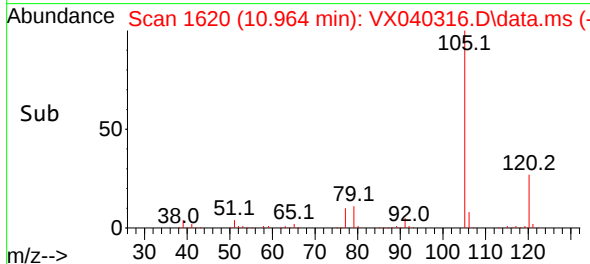
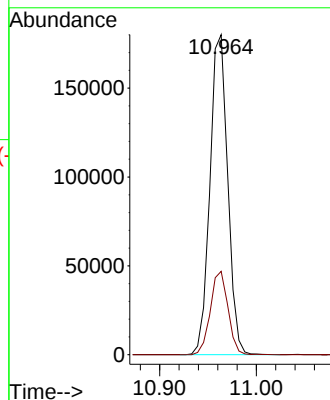
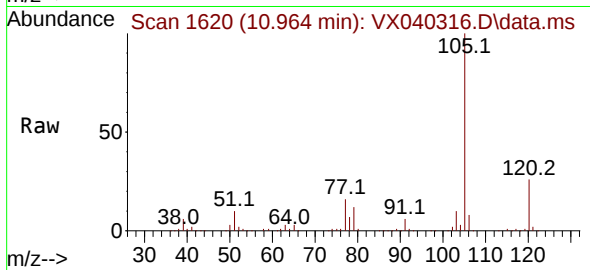
120 25.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#74

N-ethyl acetate

Concen: 55.471 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Tgt Ion: 43 Resp: 103683

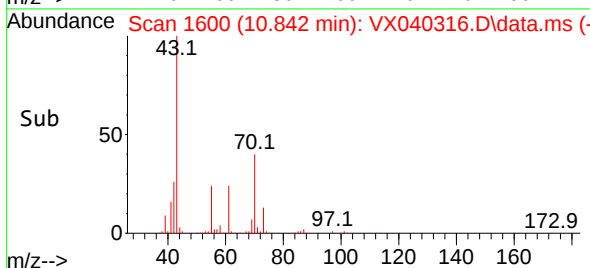
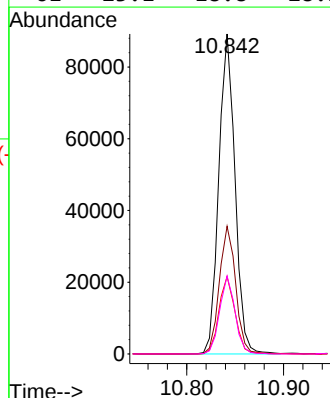
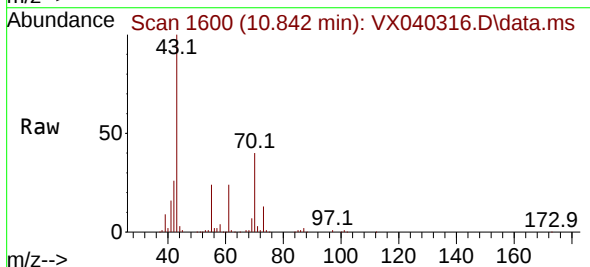
Ion Ratio Lower Upper

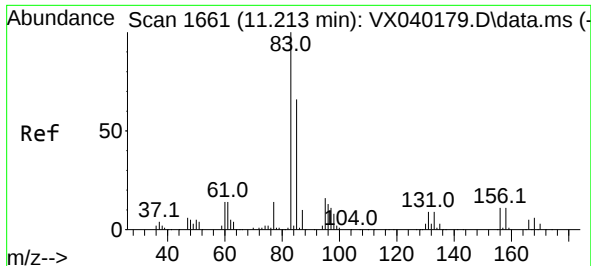
43 100

70 40.4 32.9 49.3

55 24.1 19.3 28.9

61 23.1 18.8 28.2





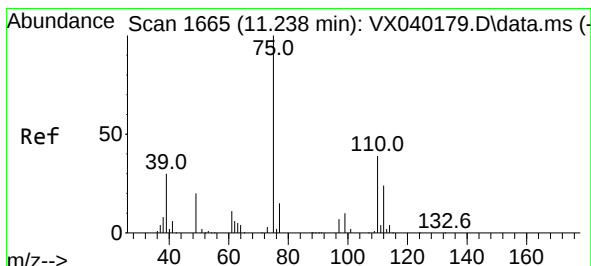
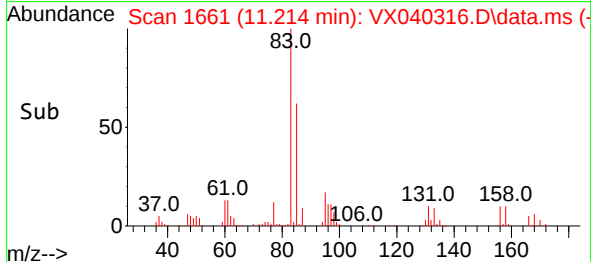
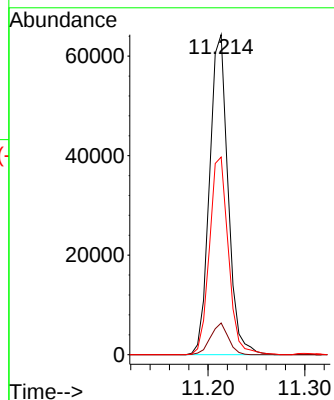
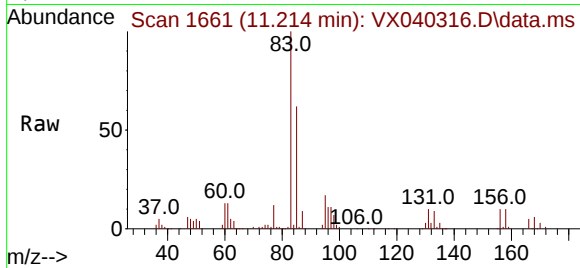
#75
1,1,2,2-Tetrachloroethane
Concen: 54.603 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8554
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.8
85 63.2 32.0 96.2

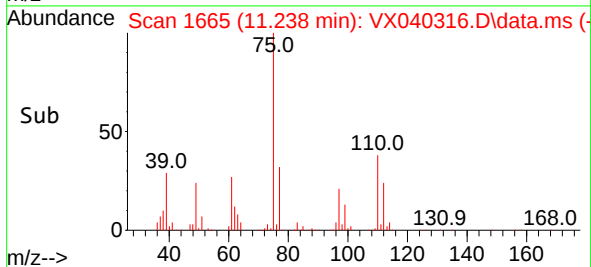
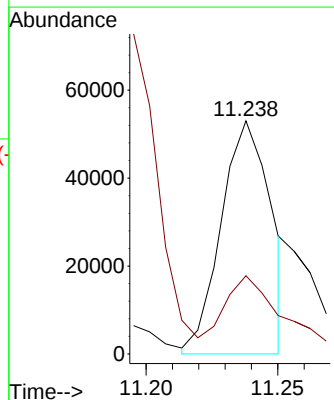
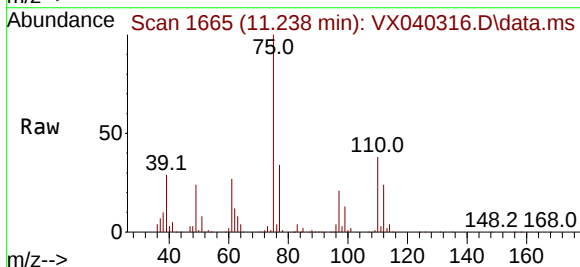
Manual Integrations
APPROVED

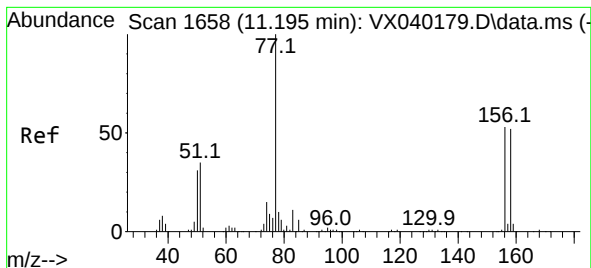
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#76
1,2,3-Trichloropropane
Concen: 55.607 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Tgt Ion: 75 Resp: 69717
Ion Ratio Lower Upper
75 100
77 40.8 19.1 57.5





#77

Bromobenzene

Concen: 53.350 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.006 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

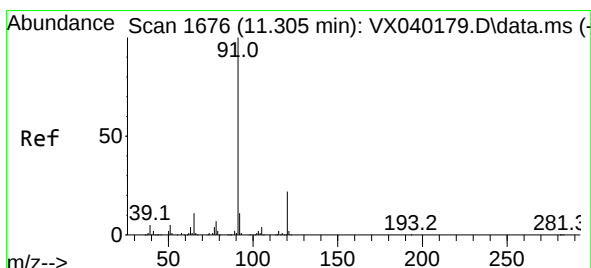
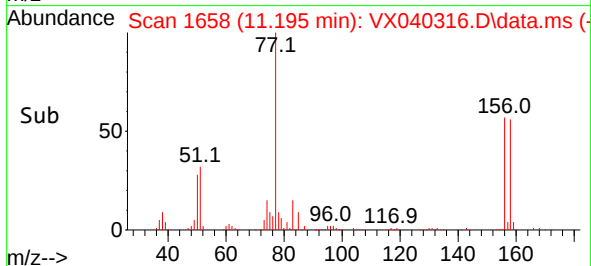
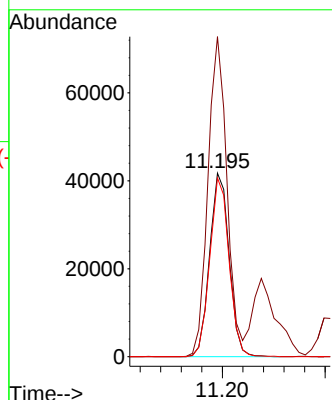
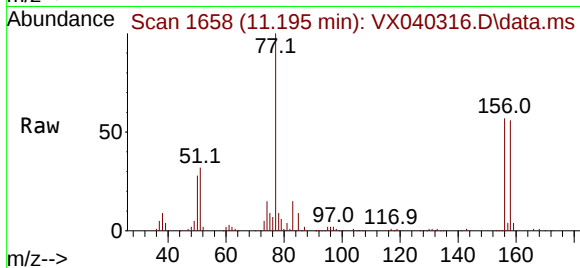
Tgt Ion:	156	Resp:	5494
Ion Ratio	Lower	Upper	
156	100		
77	169.6	88.4	265.3
158	96.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#78

n-propylbenzene

Concen: 52.714 ug/l

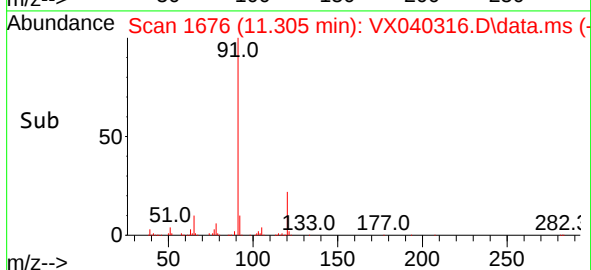
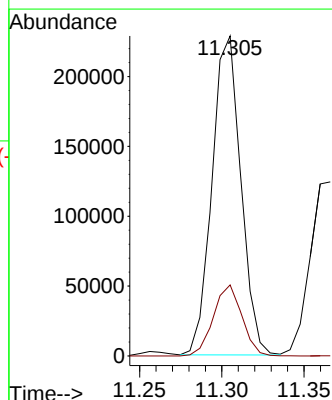
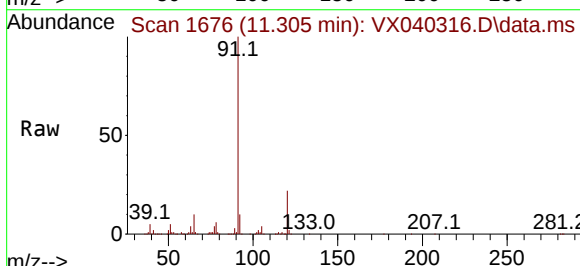
RT: 11.305 min Scan# 1676

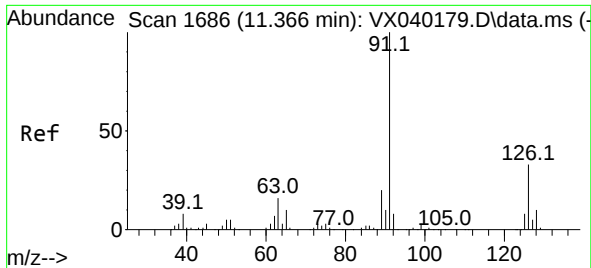
Delta R.T. 0.000 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Tgt Ion:	91	Resp:	278297
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.5	34.4





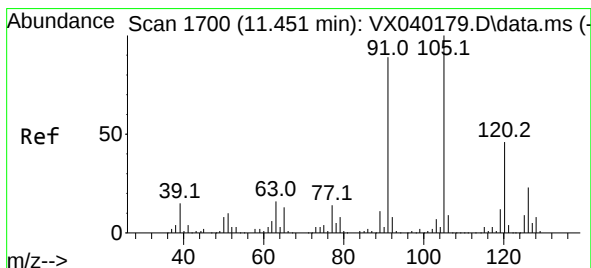
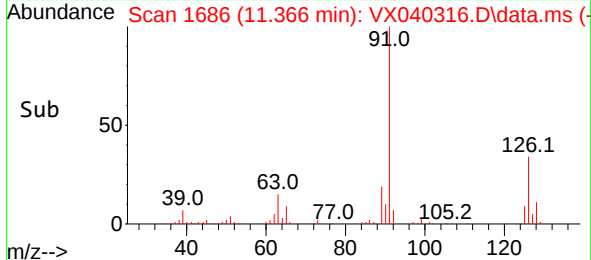
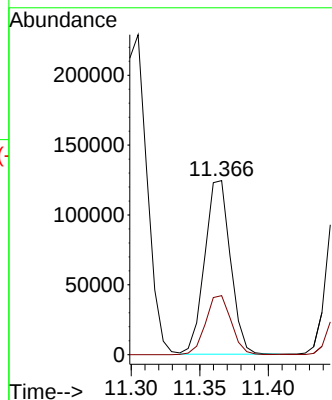
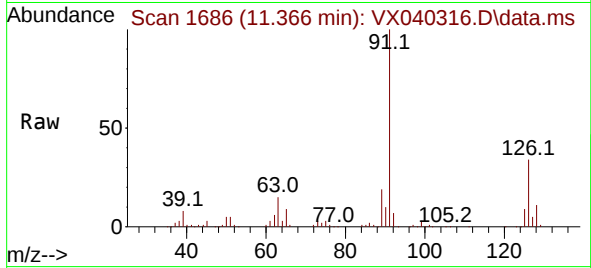
#79
2-Chlorotoluene
Concen: 51.061 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 162779
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8

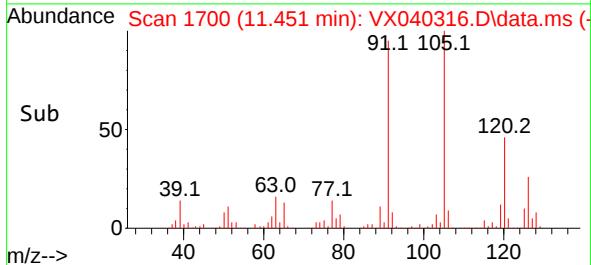
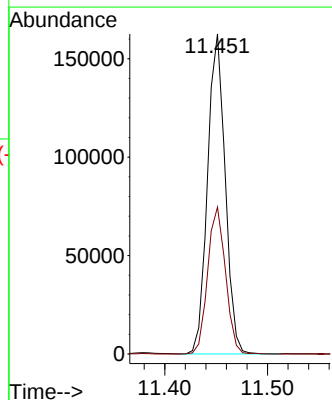
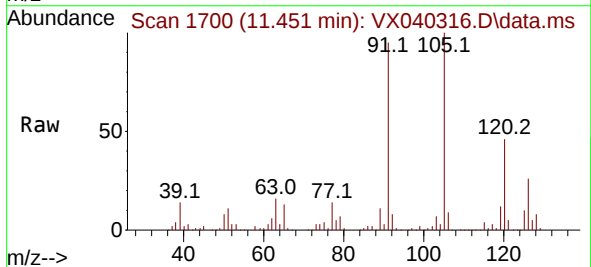
Manual Integrations
APPROVED

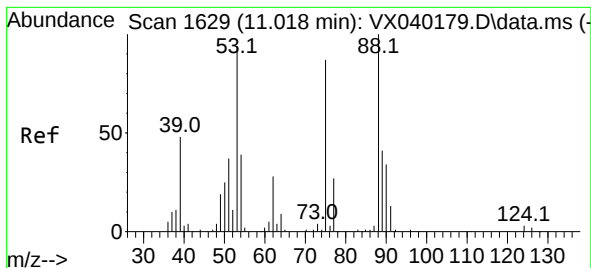
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 52.977 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Tgt Ion:105 Resp: 194488
Ion Ratio Lower Upper
105 100
120 46.3 24.1 72.3





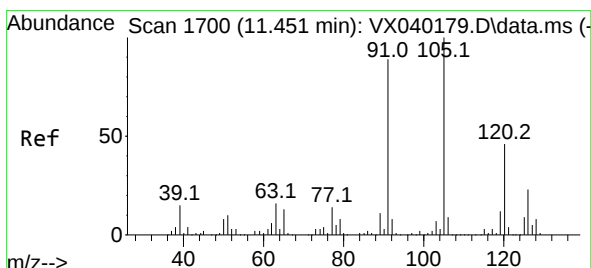
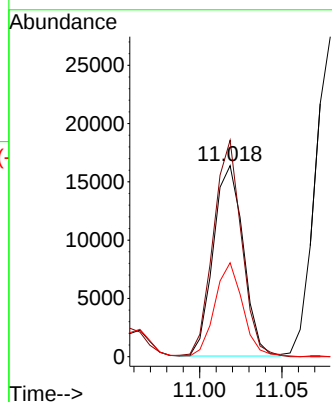
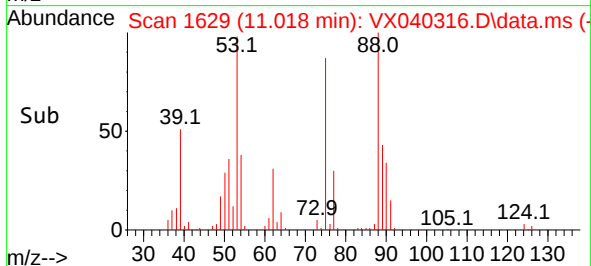
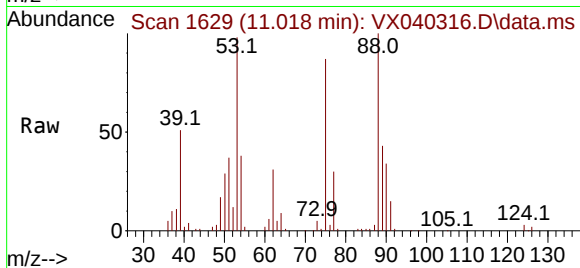
#81
trans-1,4-Dichloro-2-butene
Concen: 46.953 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 20859
Ion Ratio Lower Upper
75 100
53 106.9 90.5 135.7
89 45.8 36.9 55.3

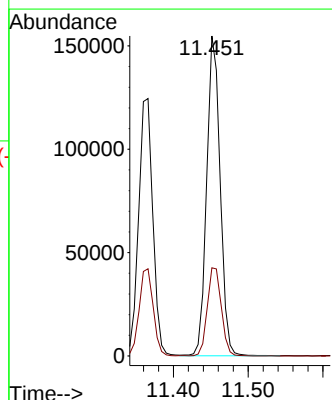
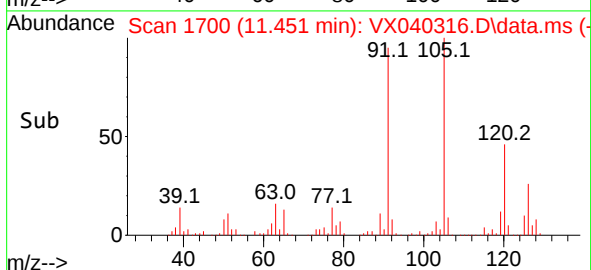
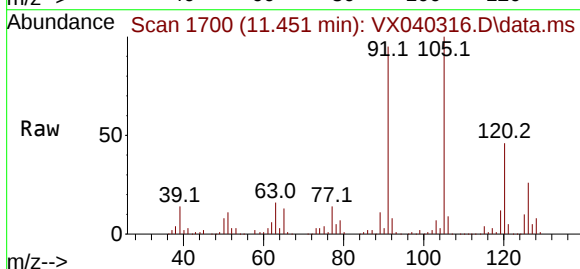
Manual Integrations
APPROVED

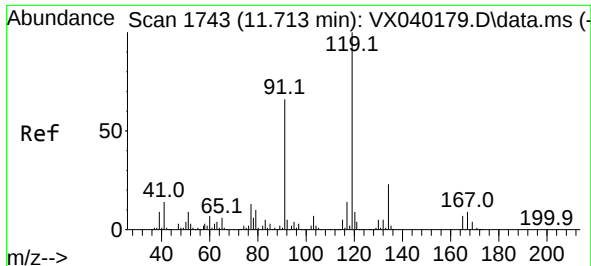
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#82
4-Chlorotoluene
Concen: 51.195 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

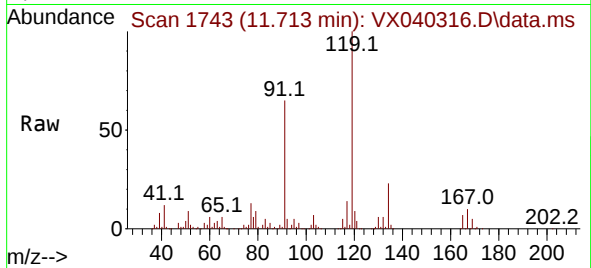
Tgt Ion: 91 Resp: 193374
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83
 tert-Butylbenzene
 Concen: 51.676 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX040316.D
 Acq: 17 Feb 2024 20:28

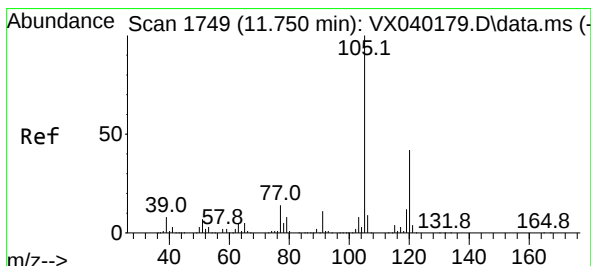
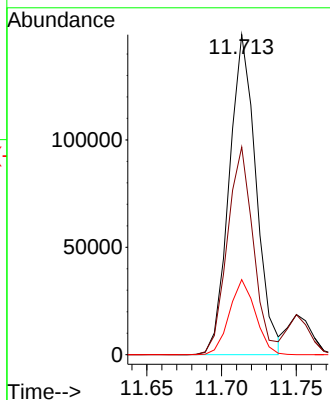
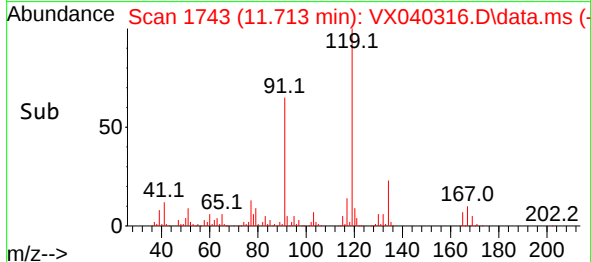
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



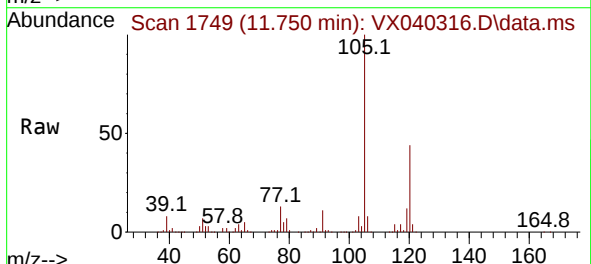
Tgt Ion:119 Resp: 185994
 Ion Ratio Lower Upper
 119 100
 91 63.3 31.2 93.6
 134 22.8 11.7 35.0

Manual Integrations
 APPROVED

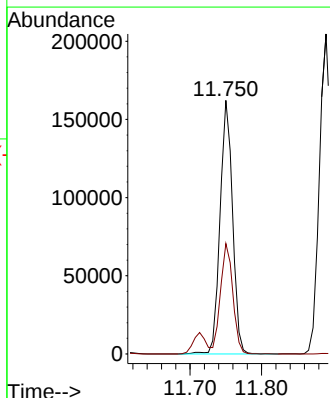
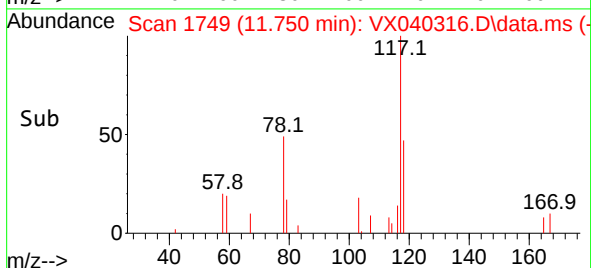
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024

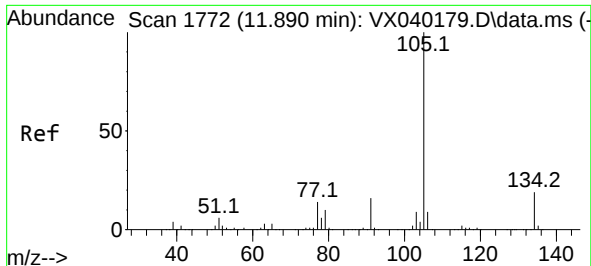


#84
 1,2,4-Trimethylbenzene
 Concen: 53.042 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX040316.D
 Acq: 17 Feb 2024 20:28



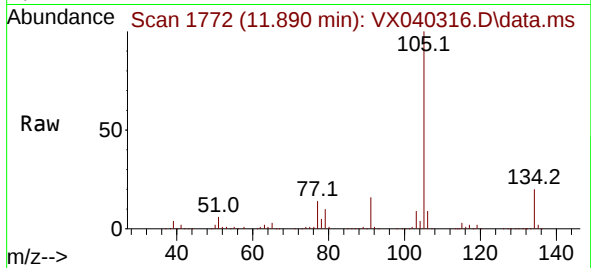
Tgt Ion:105 Resp: 197006
 Ion Ratio Lower Upper
 105 100
 120 42.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 53.262 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040316.D
 Acq: 17 Feb 2024 20:28

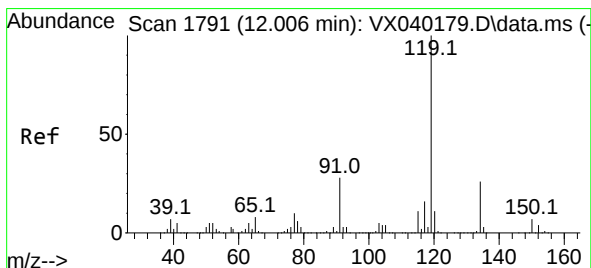
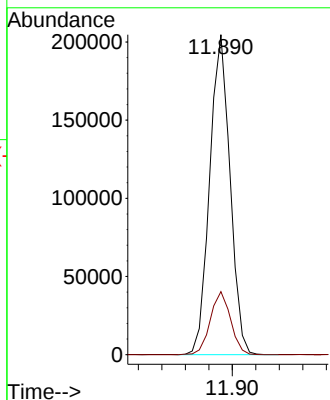
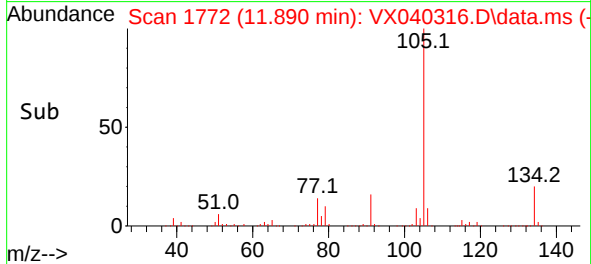
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



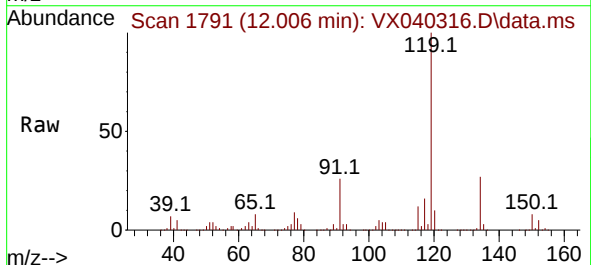
Tgt Ion:105 Resp: 246364
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

Manual Integrations
 APPROVED

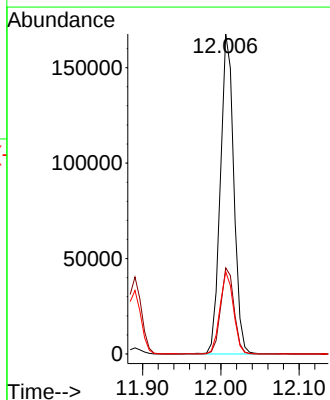
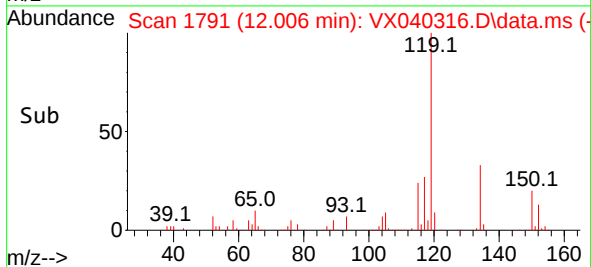
Reviewed By :John Carlone 02/20/2024
 Supervised By :Mahesh Dadoda 02/20/2024

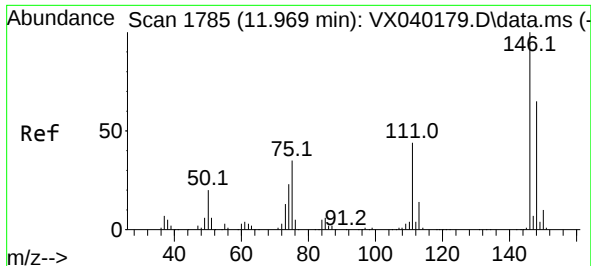


#86
 p-Isopropyltoluene
 Concen: 52.938 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040316.D
 Acq: 17 Feb 2024 20:28



Tgt Ion:119 Resp: 200722
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.8 38.3
 91 25.8 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.347 ug/l

RT: 11.970 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 106824

Ion Ratio Lower Upper

146 100

111 41.9 22.1 66.1

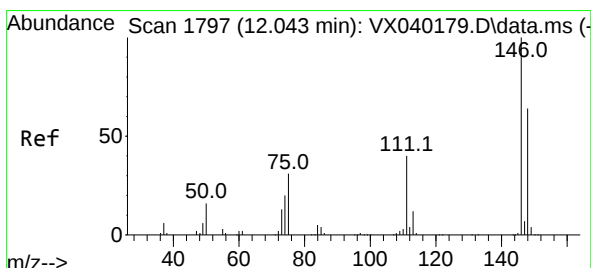
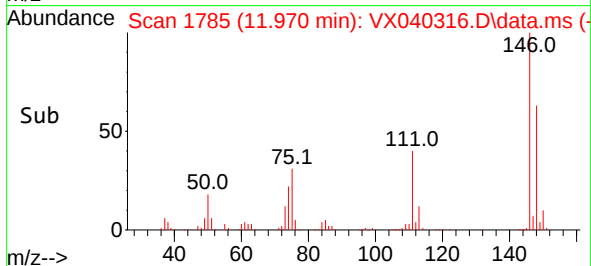
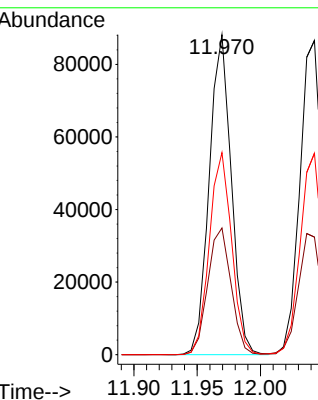
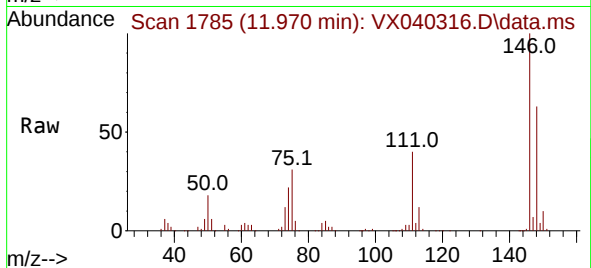
148 63.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#88

1,4-Dichlorobenzene

Concen: 50.253 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

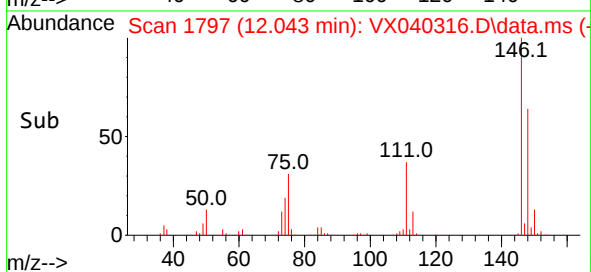
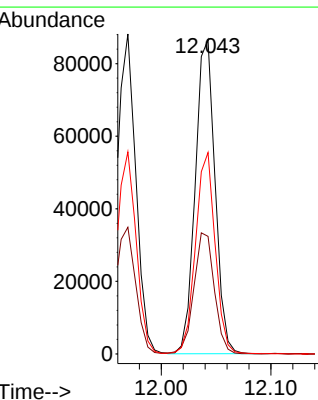
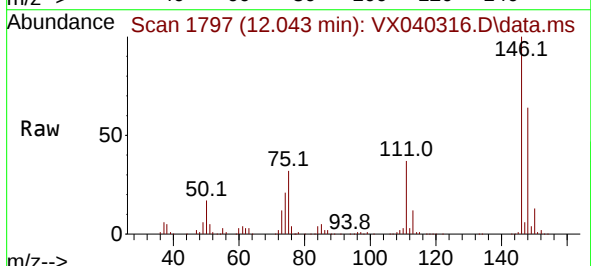
Tgt Ion:146 Resp: 108592

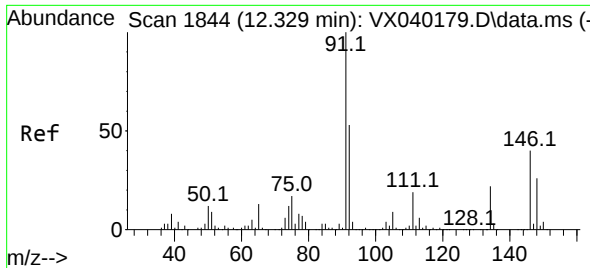
Ion Ratio Lower Upper

146 100

111 40.1 21.3 63.7

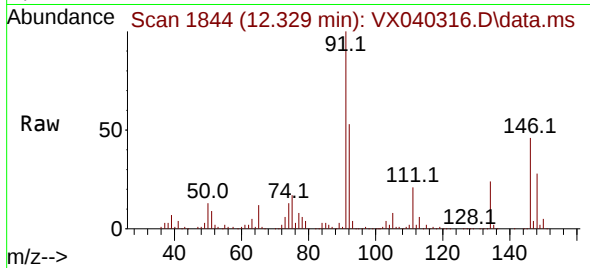
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 51.931 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

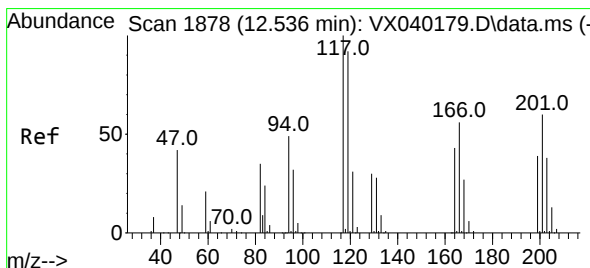
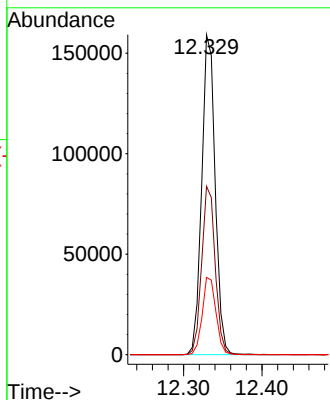
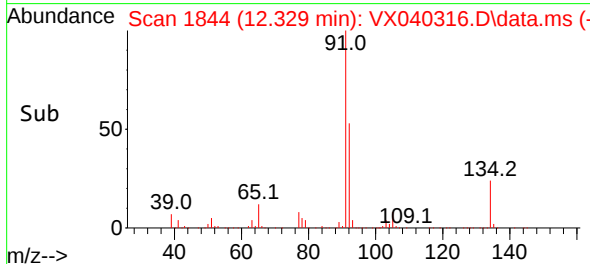
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 190072
Ion Ratio Lower Upper
91 100
92 52.9 27.4 82.0
134 24.5 12.6 37.8

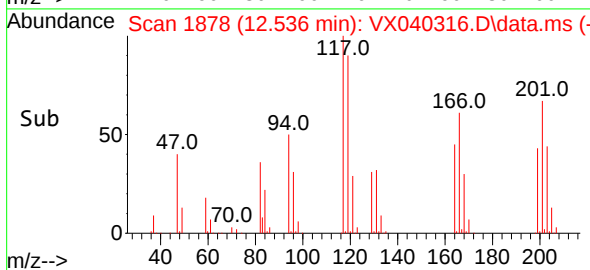
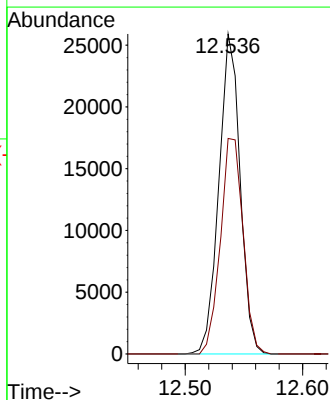
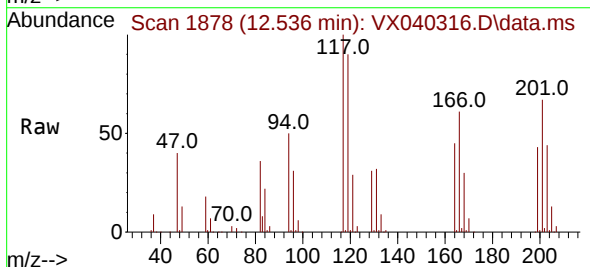
Manual Integrations
APPROVED

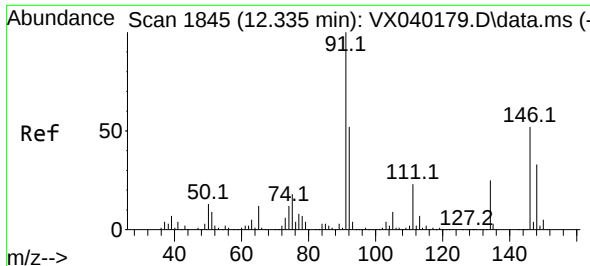
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#90
Hexachloroethane
Concen: 54.343 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

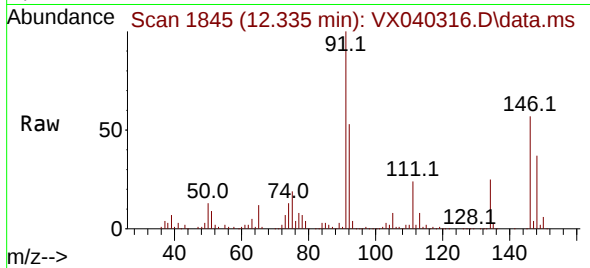
Tgt Ion:117 Resp: 32501
Ion Ratio Lower Upper
117 100
201 72.0 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 53.592 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

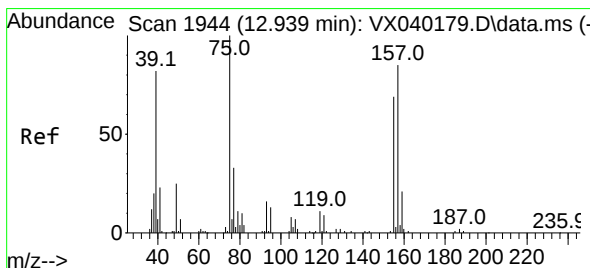
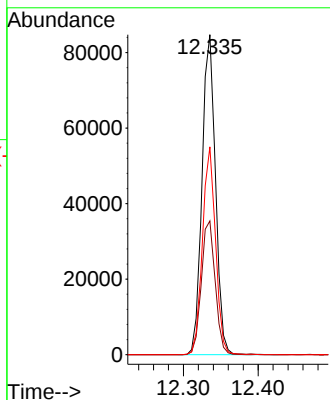
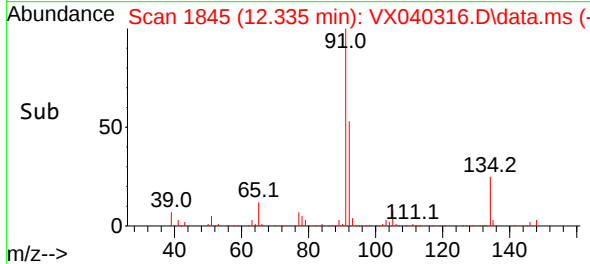
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 10587
Ion Ratio Lower Upper
146 100
111 43.0 22.4 67.0
148 63.4 31.6 95.0

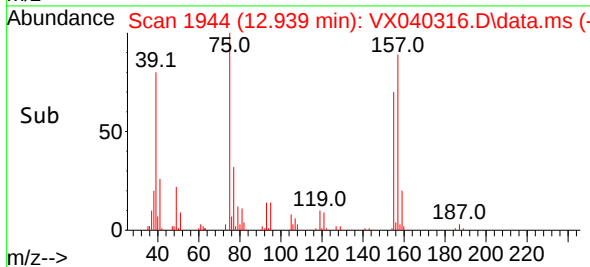
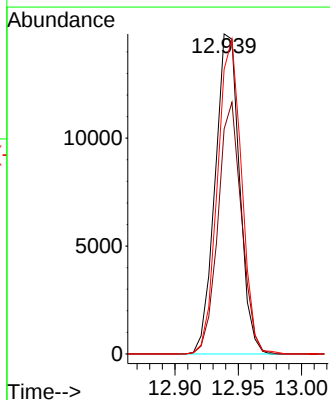
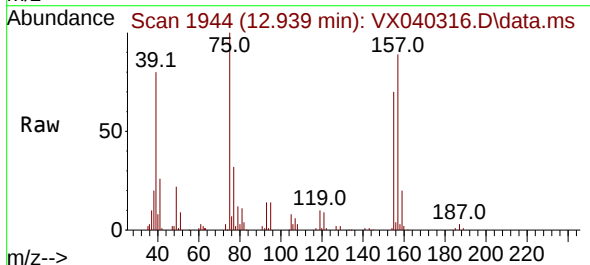
Manual Integrations
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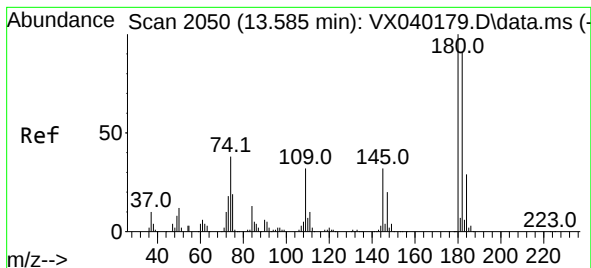
Reviewed By :John Carlone 02/20/2024
Supervised By :Mahesh Dadoda 02/20/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.861 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040316.D
Acq: 17 Feb 2024 20:28

Tgt Ion: 75 Resp: 19837
Ion Ratio Lower Upper
75 100
155 75.9 36.1 108.5
157 97.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.309 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

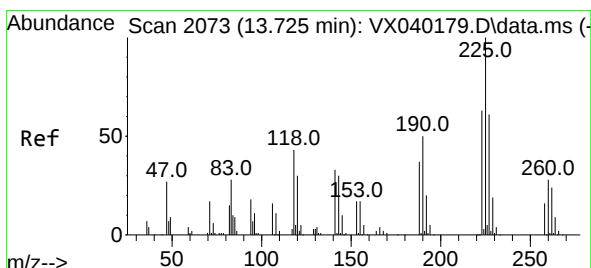
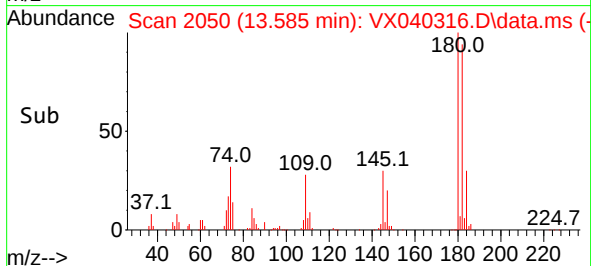
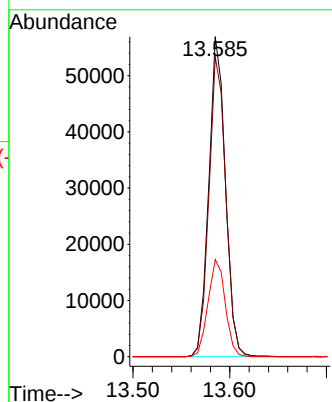
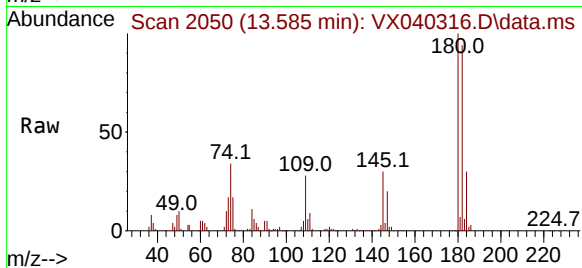
Tgt Ion:180	Resp:	6804	
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.3	144.8
145	31.5	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#94

Hexachlorobutadiene

Concen: 49.059 ug/l

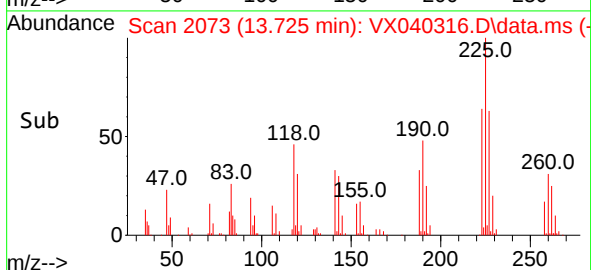
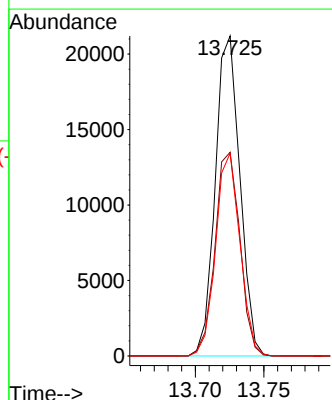
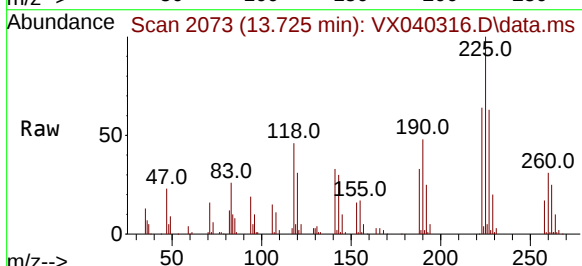
RT: 13.725 min Scan# 2073

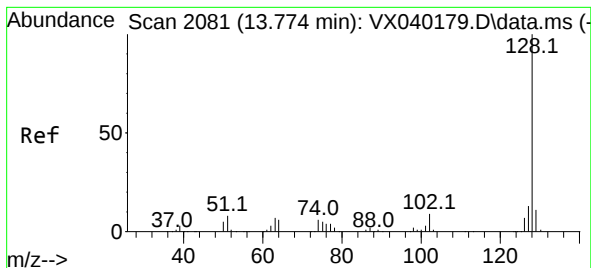
Delta R.T. 0.000 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Tgt Ion:225	Resp:	26481	
Ion Ratio	Lower	Upper	
225	100		
223	64.4	31.1	93.2
227	62.5	32.5	97.5





#95

Naphthalene

Concen: 52.664 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 224958

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

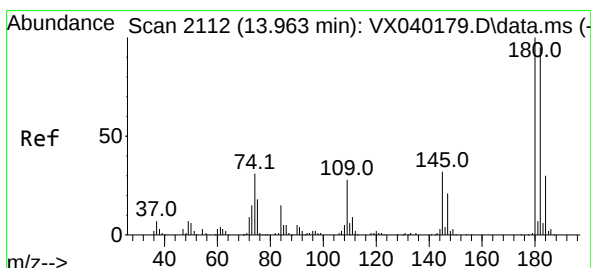
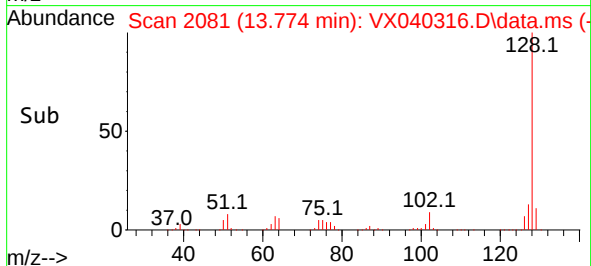
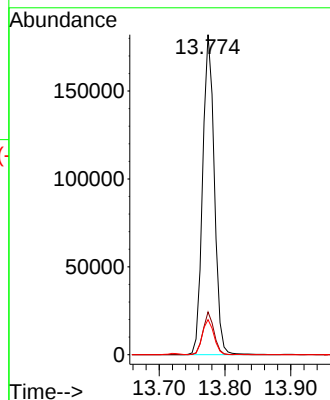
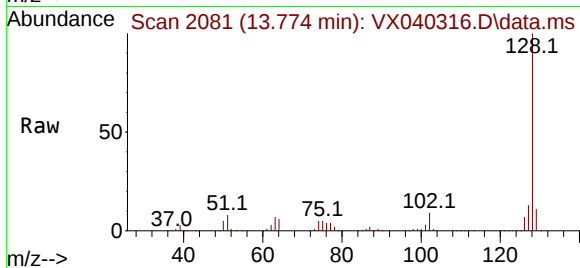
129 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2024

Supervised By :Mahesh Dadoda 02/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 52.840 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX040316.D

Acq: 17 Feb 2024 20:28

Tgt Ion:180 Resp: 68120

Ion Ratio Lower Upper

180 100

182 94.0 46.9 140.6

145 32.1 17.8 53.5

