

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010424\
 Data File : VX039616.D
 Acq On : 04 Jan 2024 09:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2024
 Supervised By : Mahesh Dadoda 01/05/2024

Quant Time: Jan 05 00:31:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	115701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206451	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	191003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	96636	45.593	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 91.180%			
35) Dibromofluoromethane	5.379	113	72101	50.552	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.100%			
50) Toluene-d8	8.647	98	268066	50.626	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.260%			
62) 4-Bromofluorobenzene	11.079	95	107757	49.323	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	78785	48.459	ug/l	99
3) Chloromethane	1.294	50	90141	50.011	ug/l	97
4) Vinyl Chloride	1.374	62	86476	51.588	ug/l	99
5) Bromomethane	1.599	94	47772	49.535	ug/l	98
6) Chloroethane	1.685	64	51004	50.491	ug/l	99
7) Trichlorofluoromethane	1.886	101	125483	51.122	ug/l	99
8) Diethyl Ether	2.130	74	46283	54.481	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	76715	51.216	ug/l	97
10) Methyl Iodide	2.453	142	81059	52.356	ug/l	93
11) Tert butyl alcohol	2.953	59	117569	220.888	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	74654	50.175	ug/l	97
13) Acrolein	2.233	56	120962	284.875	ug/l	100
14) Allyl chloride	2.660	41	151356	50.216	ug/l	96
15) Acrylonitrile	3.056	53	275659	258.743	ug/l	98
16) Acetone	2.374	43	361440	299.144	ug/l	92
17) Carbon Disulfide	2.508	76	193856	44.523	ug/l	99
18) Methyl Acetate	2.697	43	250967	54.743	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	274942	51.095	ug/l	95
20) Methylene Chloride	2.788	84	86531	48.973	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	80009	49.419	ug/l	99
22) Diisopropyl ether	3.751	45	291255	53.085	ug/l	95
23) Vinyl Acetate	3.715	43	1058007	259.023	ug/l	100
24) 1,1-Dichloroethane	3.605	63	157347	50.733	ug/l	99
25) 2-Butanone	4.544	43	427981	233.995	ug/l	99
26) 2,2-Dichloropropane	4.471	77	131163	48.441	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	92503	51.765	ug/l	100
28) Bromochloromethane	4.891	49	74161	49.006	ug/l	94
29) Tetrahydrofuran	4.989	42	257312	254.747	ug/l	99
30) Chloroform	5.086	83	156451	50.478	ug/l	97
31) Cyclohexane	5.458	56	137557	50.247	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	134130	49.851	ug/l	99
36) 1,1-Dichloropropene	5.684	75	114994	51.093	ug/l	100
37) Ethyl Acetate	4.702	43	144049	51.805	ug/l	99
38) Carbon Tetrachloride	5.672	117	109167	50.826	ug/l	97
39) Methylcyclohexane	7.373	83	140806	52.083	ug/l	98
40) Benzene	6.031	78	332895	52.287	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	79438	53.544	ug/l	97
42) 1,2-Dichloroethane	6.080	62	129423	50.219	ug/l	99
43) Isopropyl Acetate	6.330	43	236631	52.332	ug/l	100
44) Trichloroethene	7.117	130	80957	50.390	ug/l	92
45) 1,2-Dichloropropane	7.421	63	92840	54.334	ug/l	100
46) Dibromomethane	7.574	93	61549	51.243	ug/l	97
47) Bromodichloromethane	7.818	83	120793	52.597	ug/l	98
48) Methyl methacrylate	7.684	41	139948	52.941	ug/l	96
49) 1,4-Dioxane	7.653	88	37408	1049.828	ug/l #	99
51) 4-Methyl-2-Pentanone	8.568	43	768611	266.789	ug/l	98
52) Toluene	8.714	92	204844	53.308	ug/l	94
53) t-1,3-Dichloropropene	8.970	75	134272	53.105	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	143979	52.923	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	86084	53.660	ug/l	93
56) Ethyl methacrylate	9.110	69	109315	55.818	ug/l	98
57) 1,3-Dichloropropane	9.305	76	146192	52.712	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	347443	302.137	ug/l	93
59) 2-Hexanone	9.427	43	640926	257.773	ug/l	99
60) Dibromochloromethane	9.519	129	85333	52.596	ug/l	98
61) 1,2-Dibromoethane	9.604	107	90995	53.134	ug/l	99
64) Tetrachloroethene	9.269	164	62796	50.312	ug/l	95
65) Chlorobenzene	10.073	112	214165	51.371	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	77938	52.925	ug/l	98
67) Ethyl Benzene	10.189	91	407760	52.544	ug/l	97
68) m/p-Xylenes	10.299	106	293797	105.589	ug/l	94
69) o-Xylene	10.640	106	142342	52.910	ug/l	94
70) Styrene	10.653	104	213568	54.302	ug/l	97
71) Bromoform	10.799	173	58707	53.633	ug/l #	100
73) Isopropylbenzene	10.957	105	390085	53.170	ug/l	100
74) N-amyl acetate	10.842	43	203779	54.898	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	145374	53.266	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	129486m	52.634	ug/l	
77) Bromobenzene	11.195	156	84825	52.285	ug/l	91
78) n-propylbenzene	11.299	91	482497	53.378	ug/l	97
79) 2-Chlorotoluene	11.360	91	282153	51.604	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	334942	53.591	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	44895	51.481	ug/l	95
82) 4-Chlorotoluene	11.451	91	332786	51.820	ug/l	97
83) tert-Butylbenzene	11.713	119	319882	53.779	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	341792	53.328	ug/l	99
85) sec-Butylbenzene	11.890	105	411707	54.395	ug/l	98
86) p-Isopropyltoluene	12.006	119	345303	54.361	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	163764	51.381	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	165782	49.955	ug/l	98
89) n-Butylbenzene	12.329	91	352247	56.411	ug/l	96
90) Hexachloroethane	12.536	117	63692	55.509	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	158331	51.918	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36709	51.066	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	105811	52.987	ug/l	99
94) Hexachlorobutadiene	13.725	225	43221	57.433	ug/l	99
95) Naphthalene	13.774	128	375038	53.929	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	102769	53.310	ug/l	99

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Response via : Initial Calibration

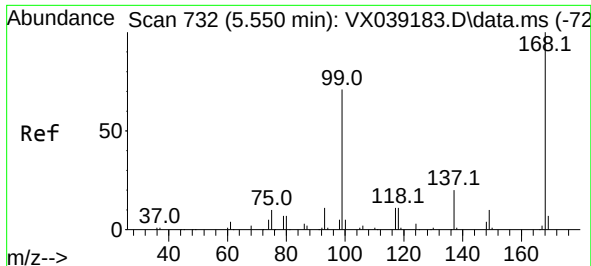
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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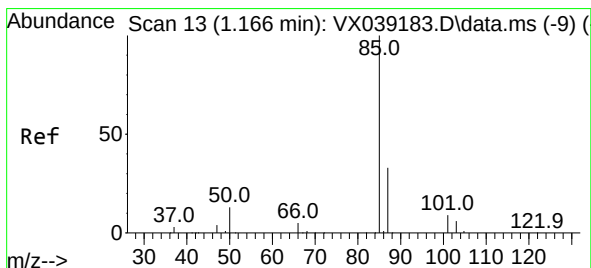
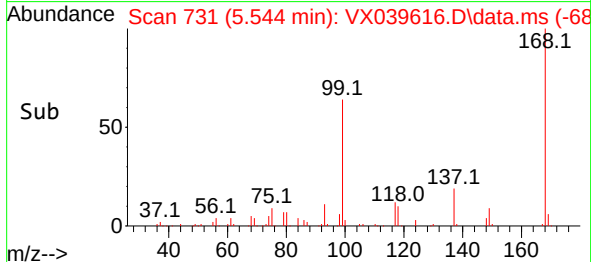
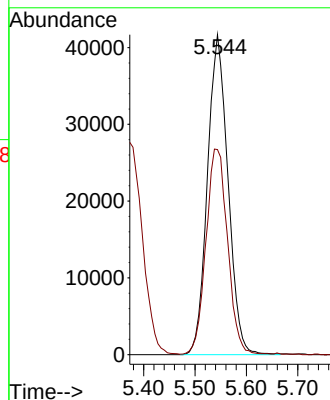
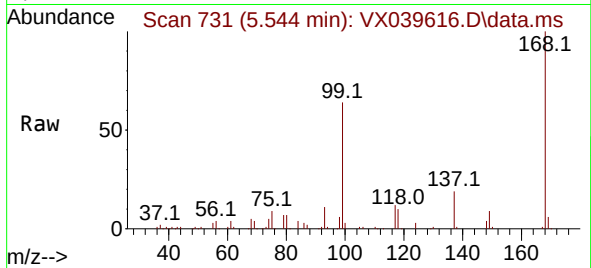
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039616.D
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ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 11570
Ion Ratio Lower Upper
168 100
99 64.0 56.6 85.0

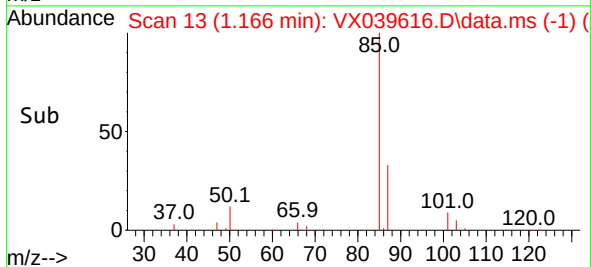
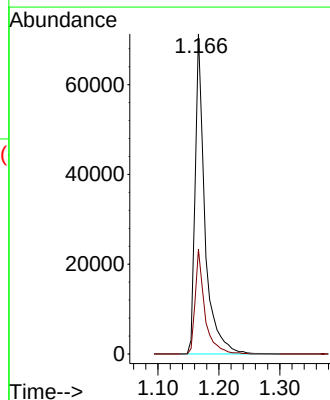
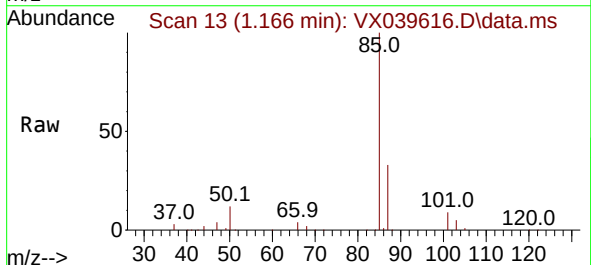
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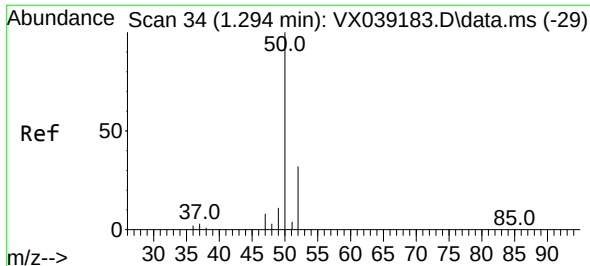
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#2
Dichlorodifluoromethane
Concen: 48.459 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

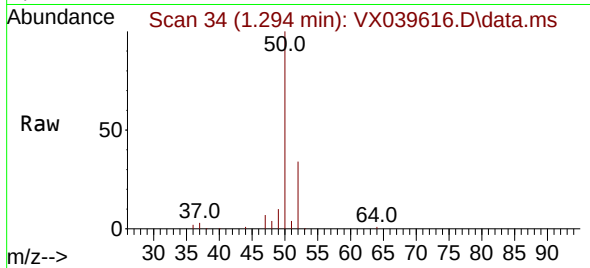
Tgt Ion: 85 Resp: 78785
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1





#3
Chloromethane
Concen: 50.011 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

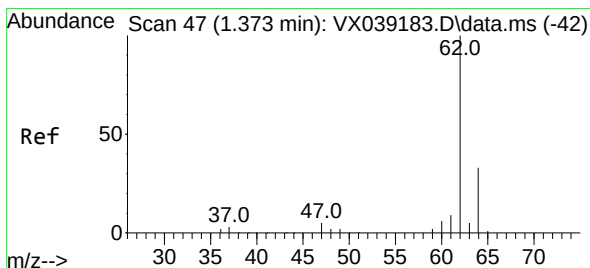
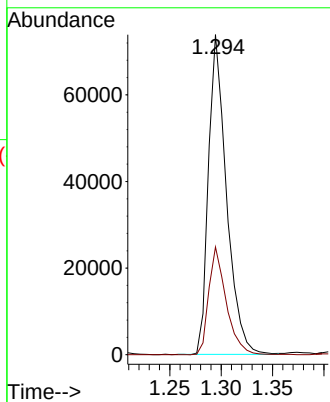
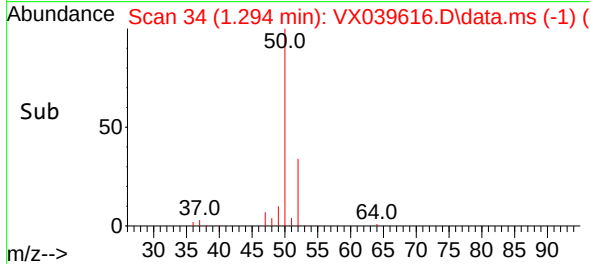
Instrument :
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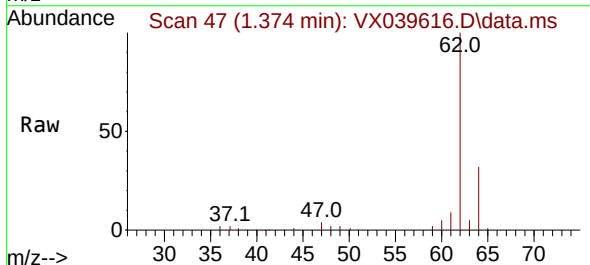
Tgt Ion: 50 Resp: 9014
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3

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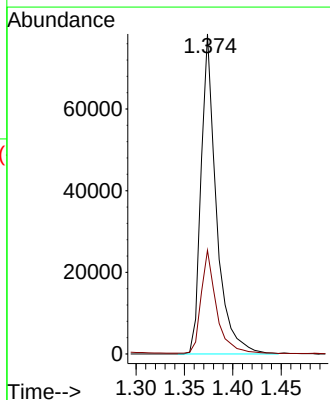
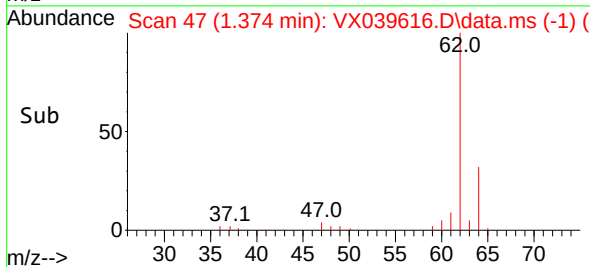
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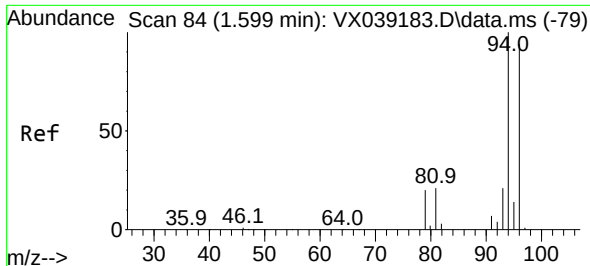


#4
Vinyl Chloride
Concen: 51.588 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56



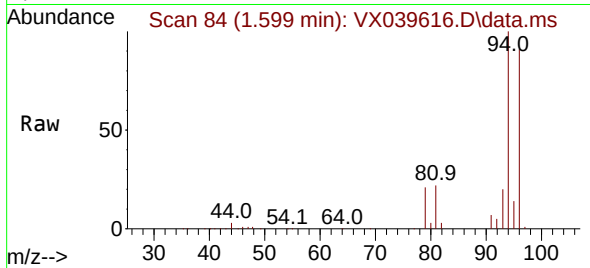
Tgt Ion: 62 Resp: 86476
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 49.535 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

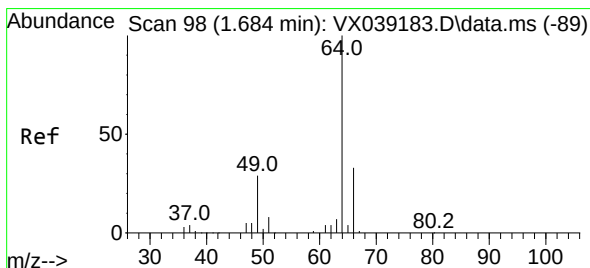
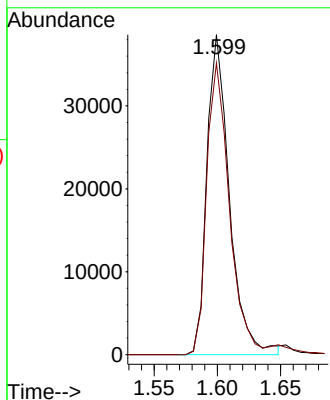
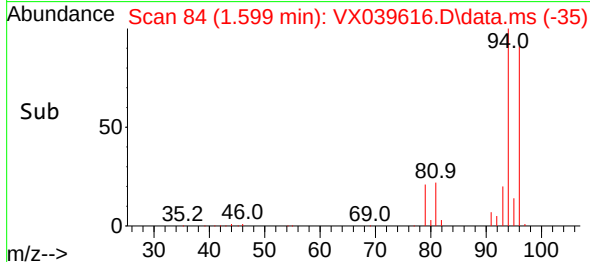
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Tgt Ion: 94 Resp: 47772
Ion Ratio Lower Upper
94 100
96 91.1 74.6 111.8

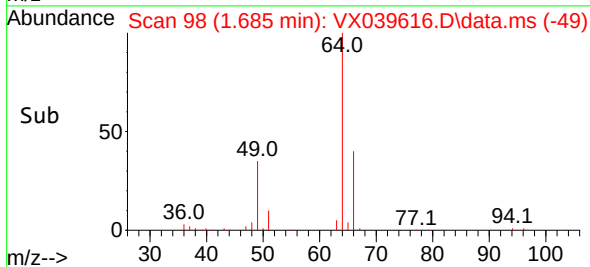
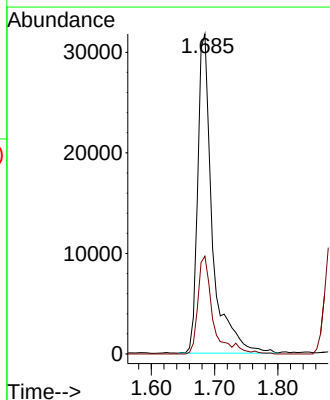
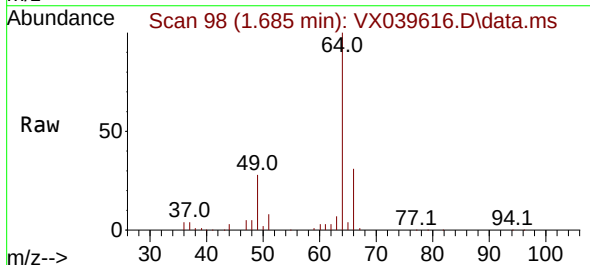
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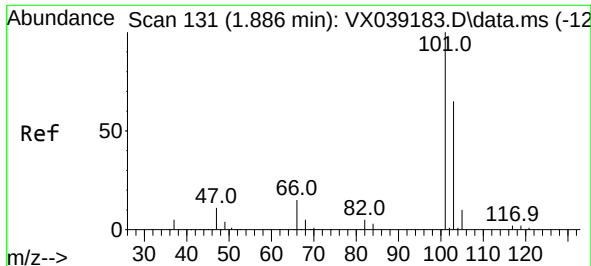
Reviewed By :John Carlone 01/05/2024
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#6
Chloroethane
Concen: 50.491 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
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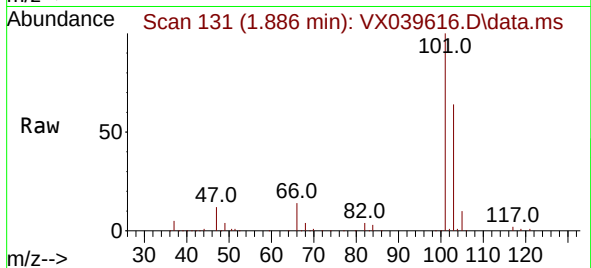
Tgt Ion: 64 Resp: 51004
Ion Ratio Lower Upper
64 100
66 30.6 25.1 37.7





#7
Trichlorofluoromethane
Concen: 51.122 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039616.D
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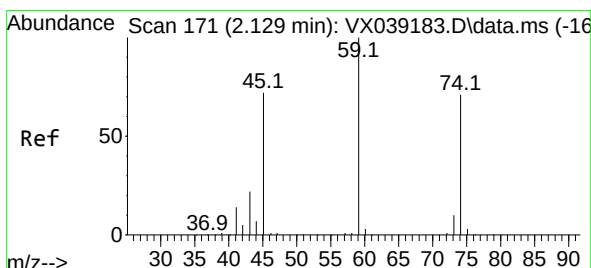
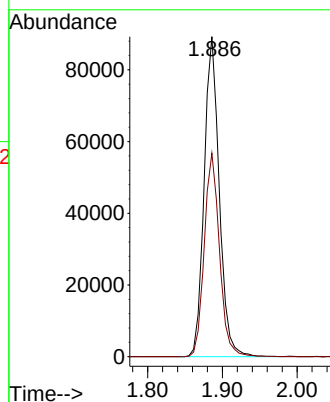
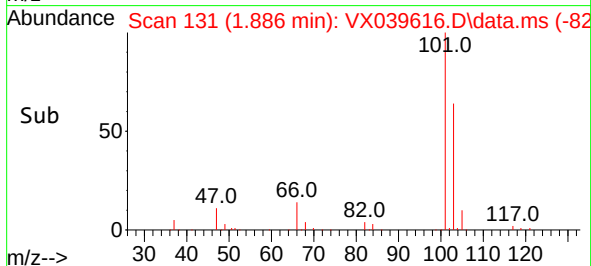
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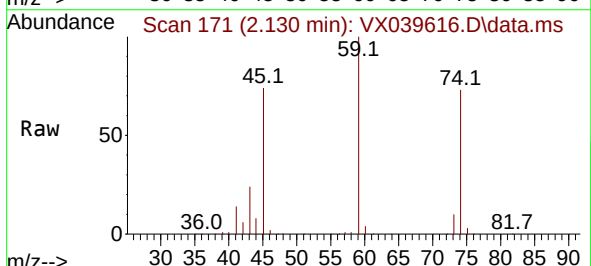
Tgt Ion:101 Resp: 12548
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

Manual Integrations
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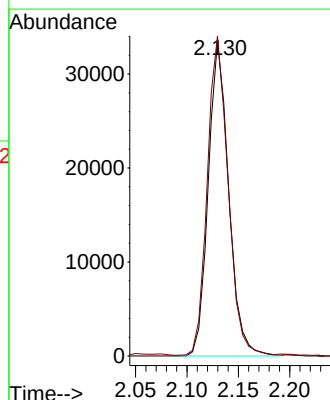
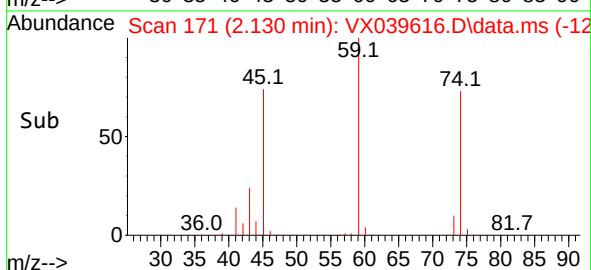
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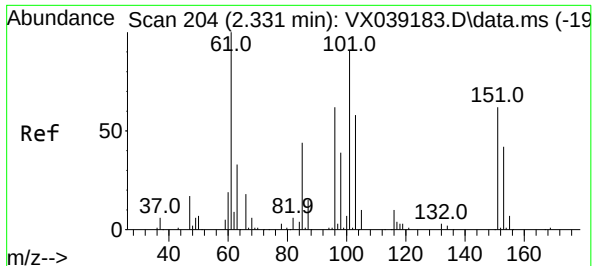


#8
Diethyl Ether
Concen: 54.481 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 46283
Ion Ratio Lower Upper
74 100
45 104.6 53.3 159.8





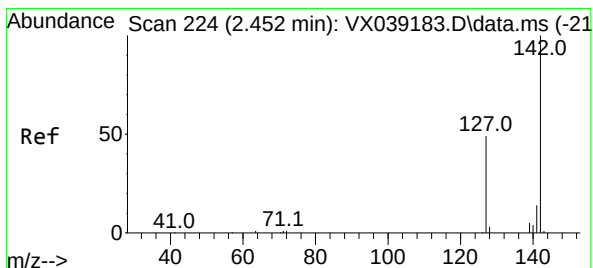
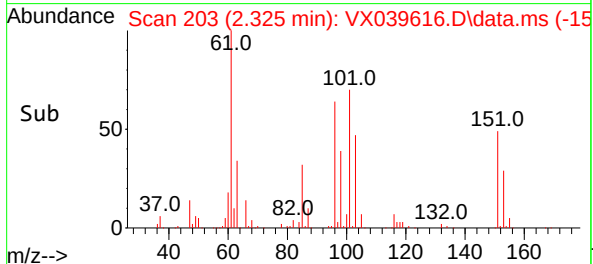
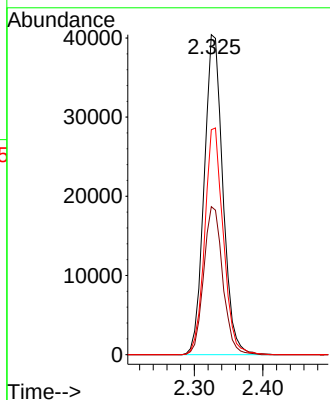
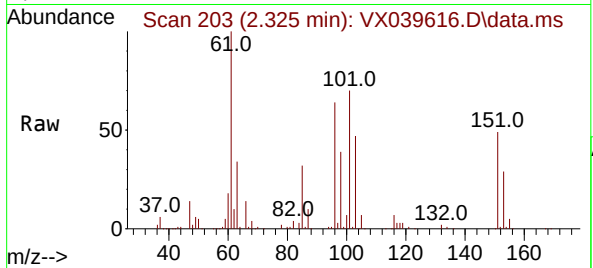
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.216 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 76715
Ion Ratio Lower Upper
101 100
85 47.0 37.0 55.6
151 70.3 58.6 87.8

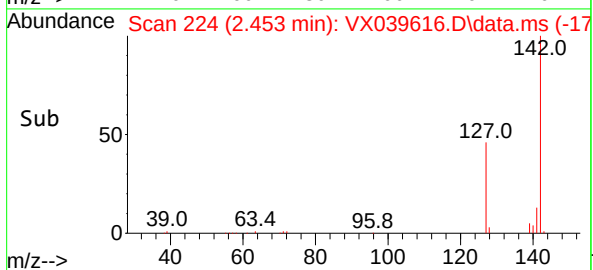
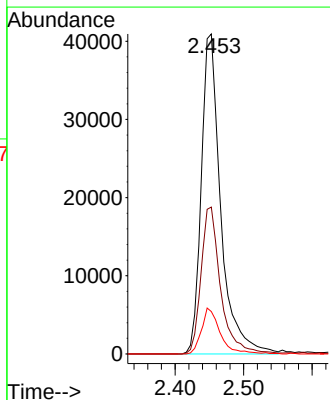
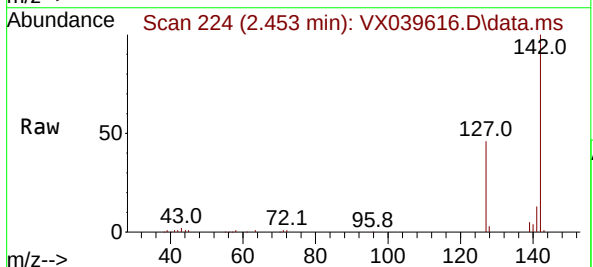
Manual Integrations
APPROVED

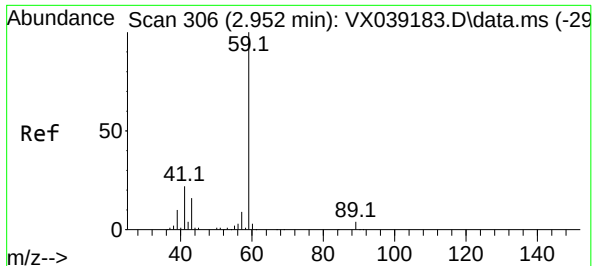
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#10
Methyl Iodide
Concen: 52.356 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Tgt Ion:142 Resp: 81059
Ion Ratio Lower Upper
142 100
127 46.2 41.6 62.4
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 220.888 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 117569

Ion Ratio Lower Upper

59 100

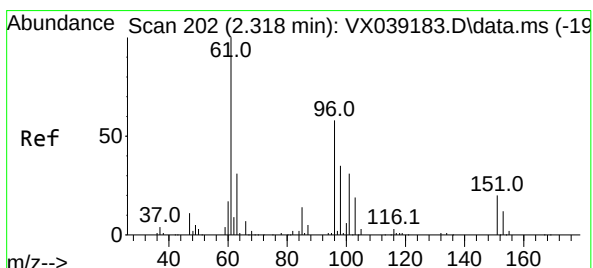
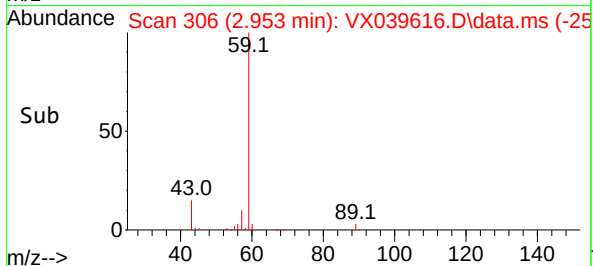
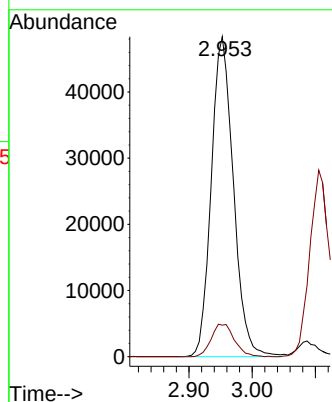
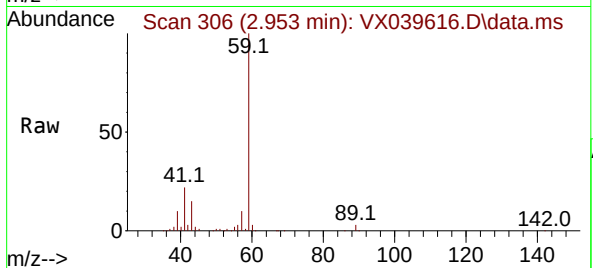
57 10.7 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2024

Supervised By :Mahesh Dadoda 01/05/2024



#12

1,1-Dichloroethene

Concen: 50.175 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

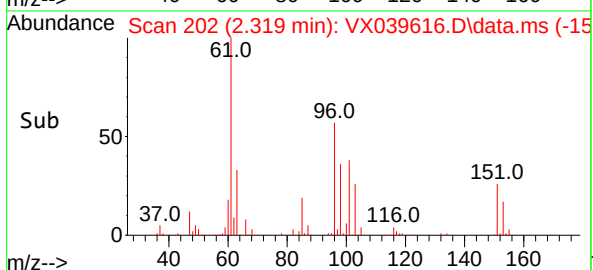
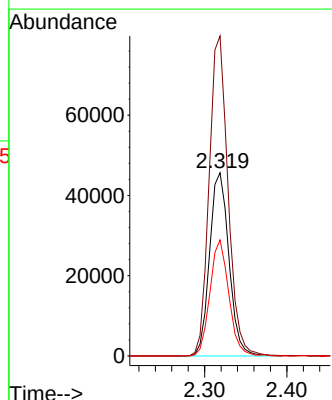
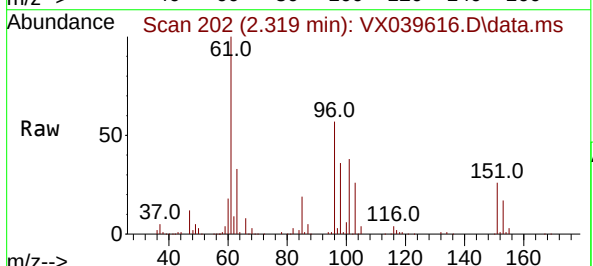
Tgt Ion: 96 Resp: 74654

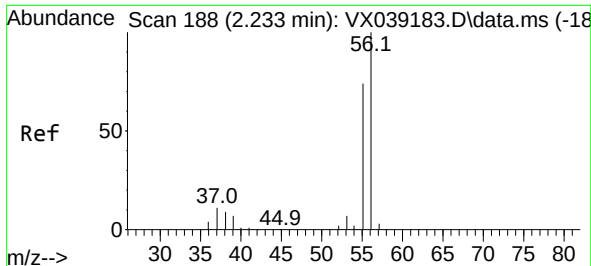
Ion Ratio Lower Upper

96 100

61 174.7 144.6 216.8

98 63.3 50.4 75.6





#13

Acrolein

Concen: 284.875 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 120962

Ion Ratio Lower Upper

56 100

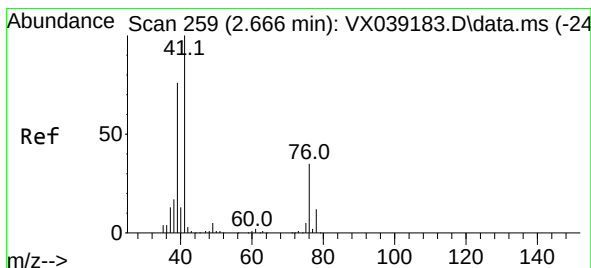
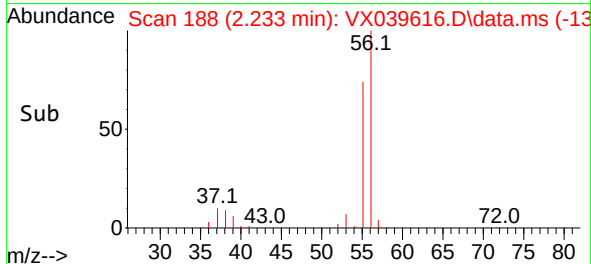
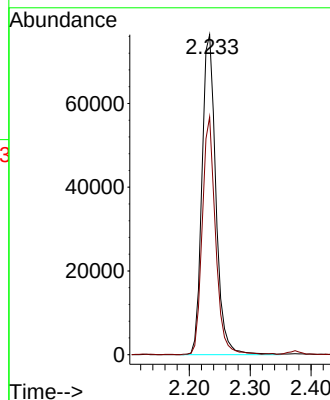
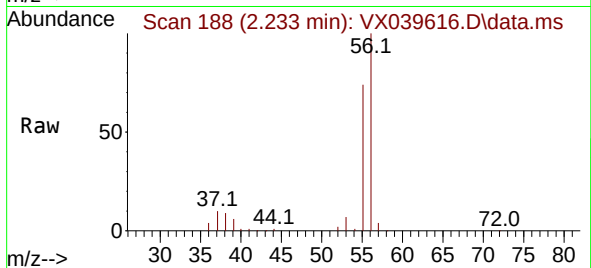
55 71.1 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2024

Supervised By :Mahesh Dadoda 01/05/2024



#14

Allyl chloride

Concen: 50.216 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

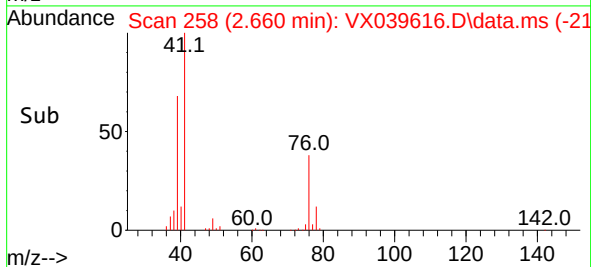
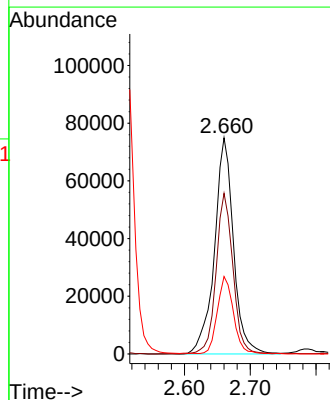
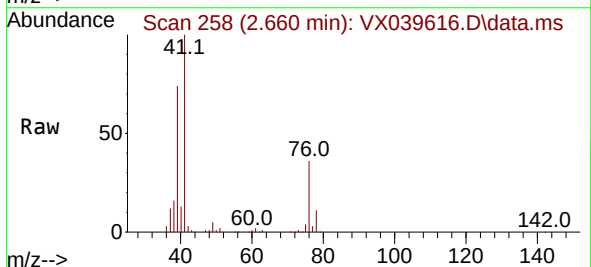
Tgt Ion: 41 Resp: 151356

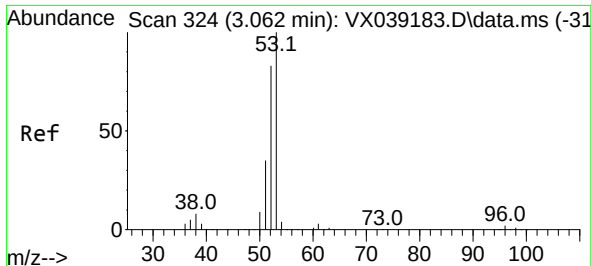
Ion Ratio Lower Upper

41 100

39 65.7 55.8 83.6

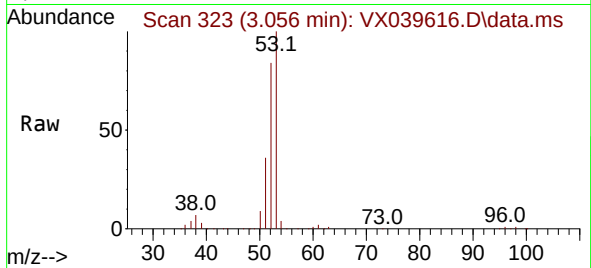
76 30.1 24.3 36.5





#15
Acrylonitrile
Concen: 258.743 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

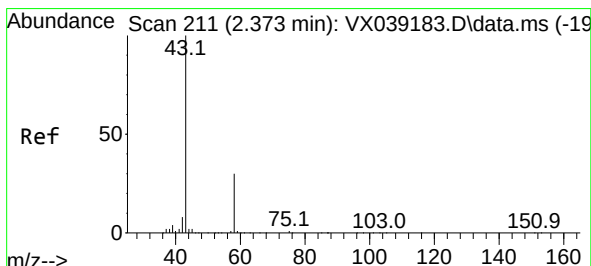
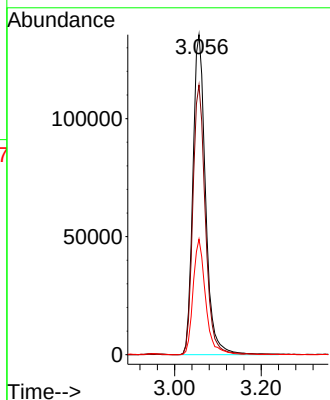
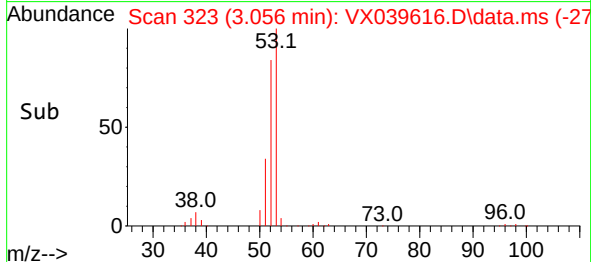
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 275659
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 35.7 29.8 44.6

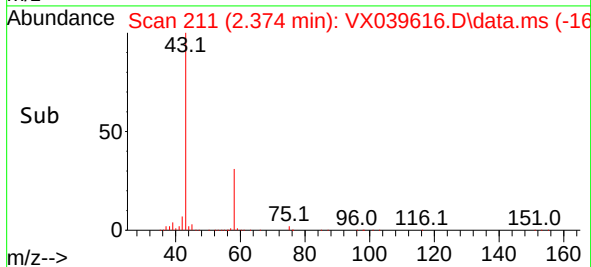
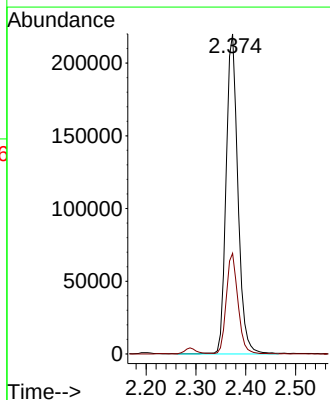
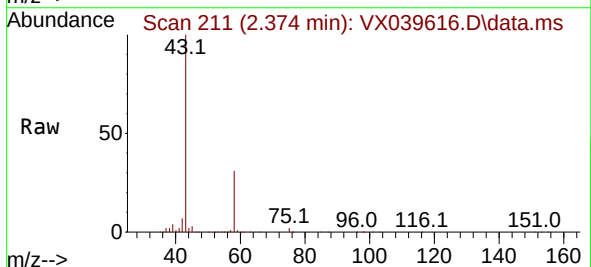
Manual Integrations
APPROVED

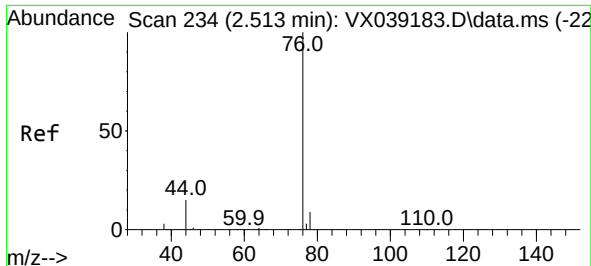
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#16
Acetone
Concen: 299.144 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Tgt Ion: 43 Resp: 361440
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9





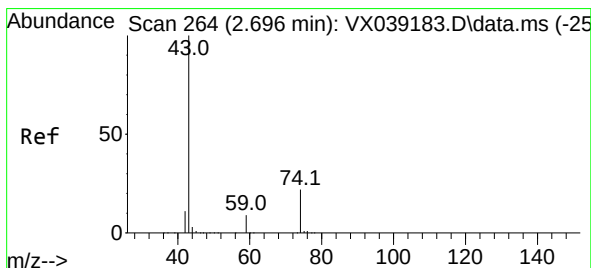
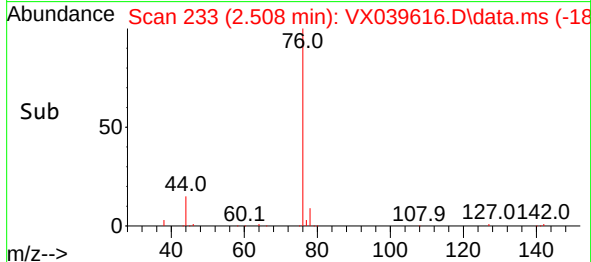
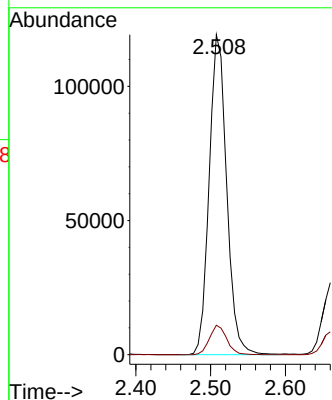
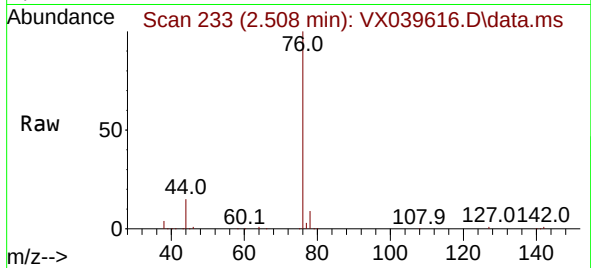
#17
Carbon Disulfide
Concen: 44.523 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 193850
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

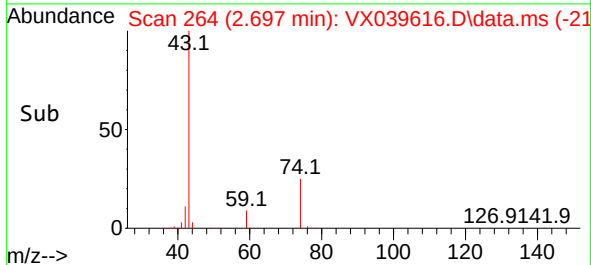
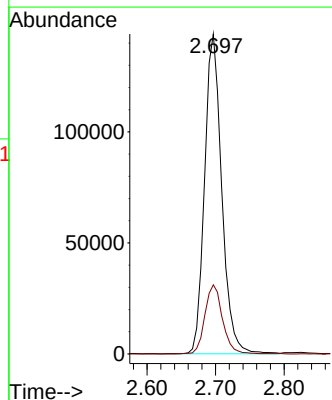
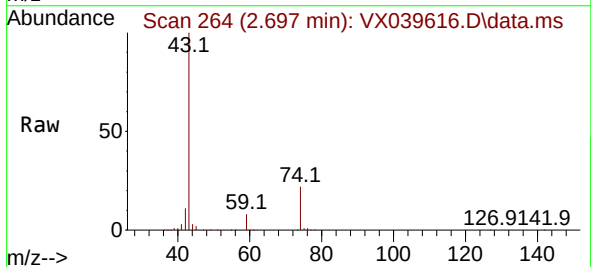
Manual Integrations
APPROVED

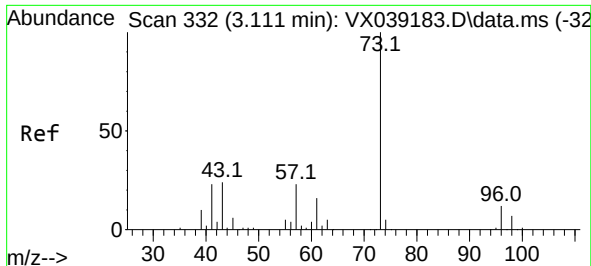
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#18
Methyl Acetate
Concen: 54.743 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

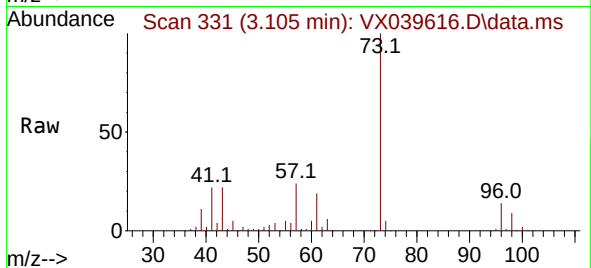
Tgt Ion: 43 Resp: 250967
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 51.095 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

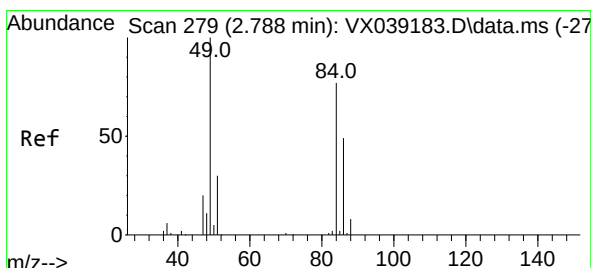
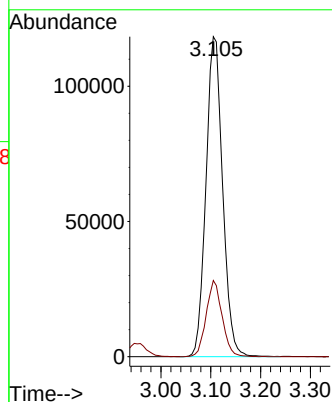
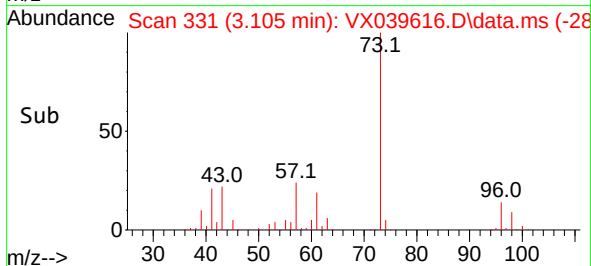
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 27494
Ion Ratio Lower Upper
73 100
57 23.8 17.3 25.9

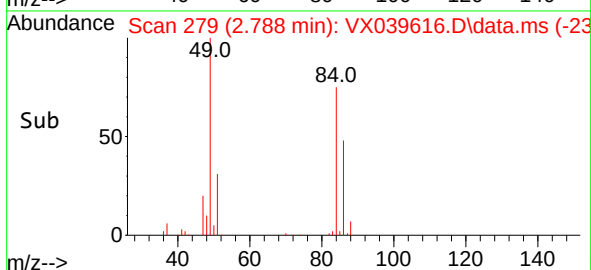
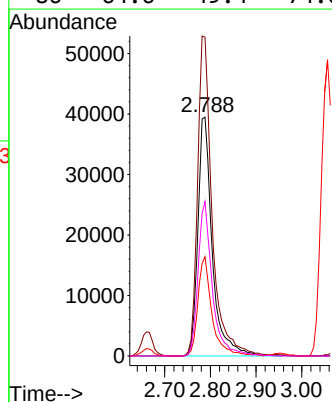
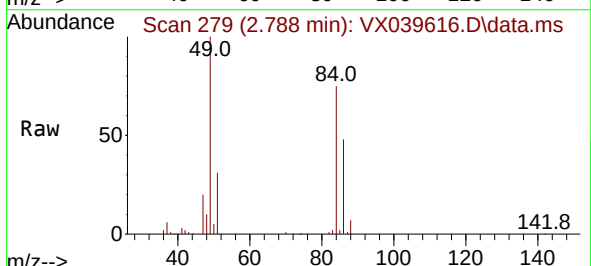
Manual Integrations
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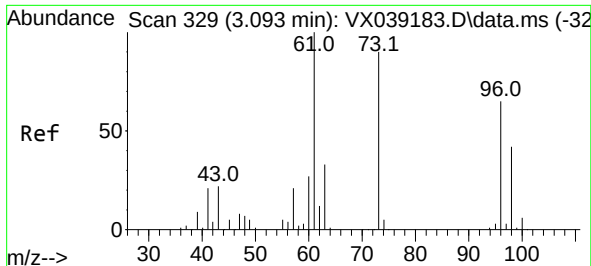
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#20
Methylene Chloride
Concen: 48.973 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

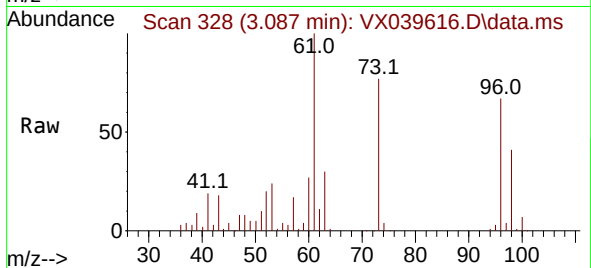
Tgt Ion: 84 Resp: 86531
Ion Ratio Lower Upper
84 100
49 133.4 103.6 155.4
51 41.5 33.8 50.6
86 64.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.419 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

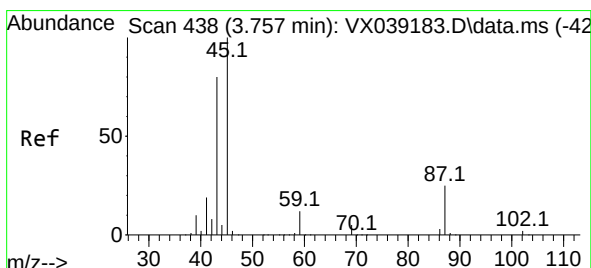
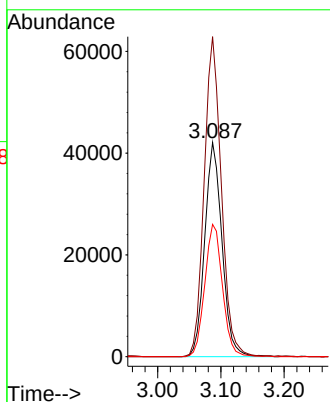
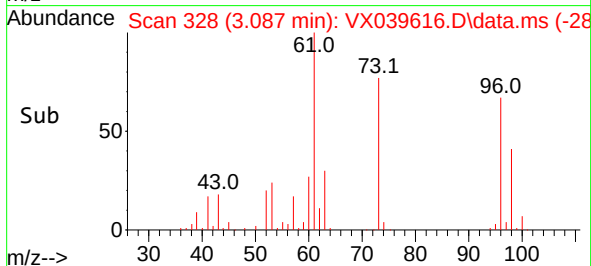
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



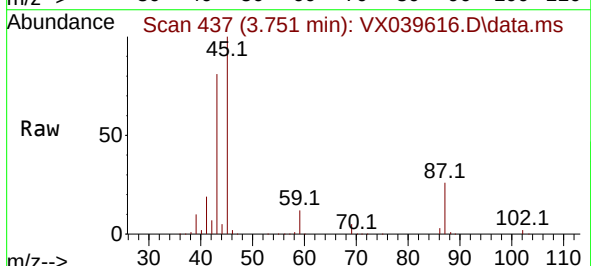
Tgt Ion: 96 Resp: 8000
Ion Ratio Lower Upper
96 100
61 149.4 119.2 178.8
98 61.8 48.7 73.1

Manual Integrations
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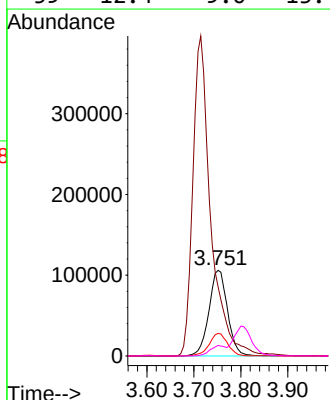
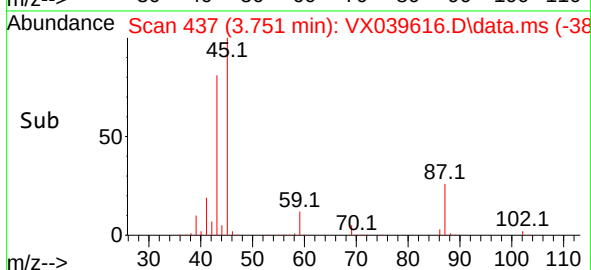
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024

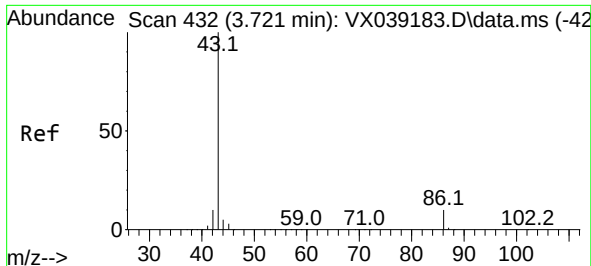


#22
Diisopropyl ether
Concen: 53.085 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56



Tgt Ion: 45 Resp: 291255
Ion Ratio Lower Upper
45 100
43 80.6 69.7 104.5
87 26.4 20.8 31.2
59 12.4 9.0 13.4





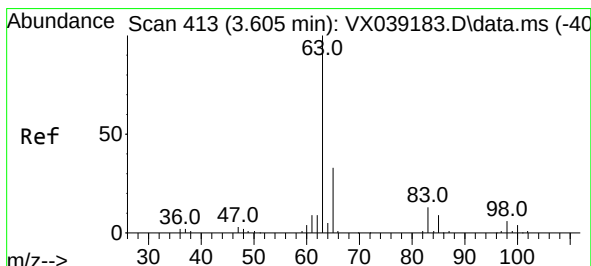
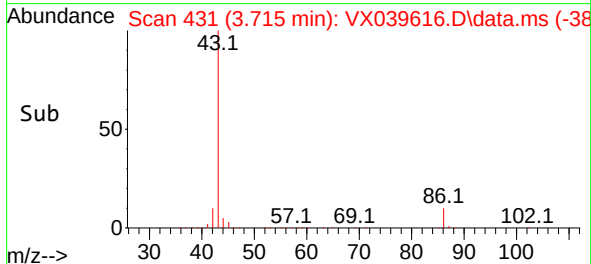
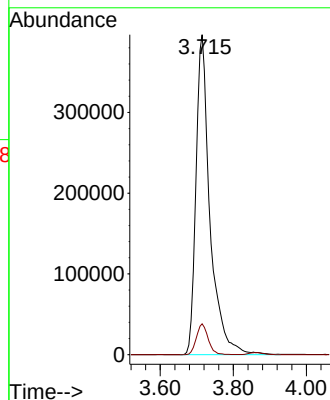
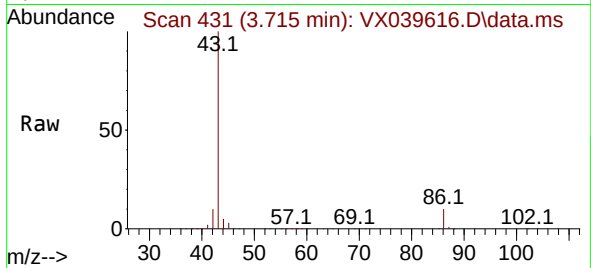
#23
 Vinyl Acetate
 Concen: 259.023 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX039616.D
 Acq: 04 Jan 2024 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 105800
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

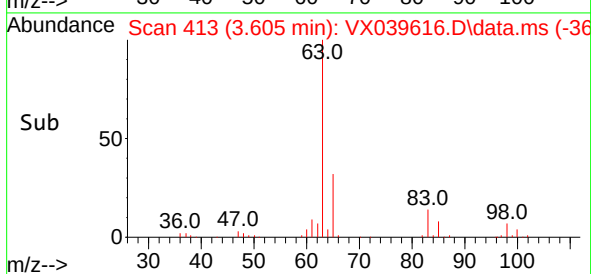
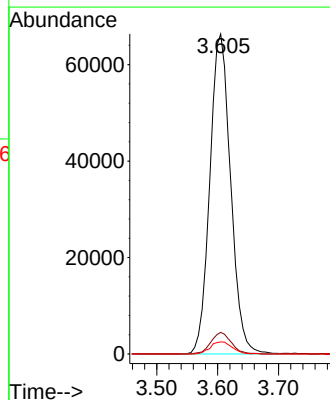
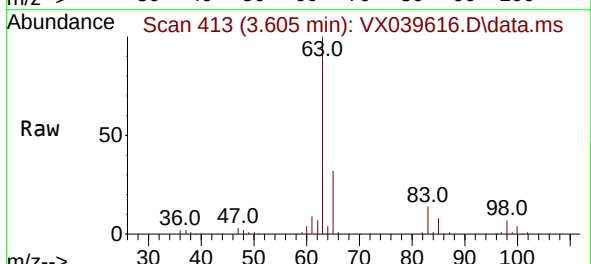
Manual Integrations
 APPROVED

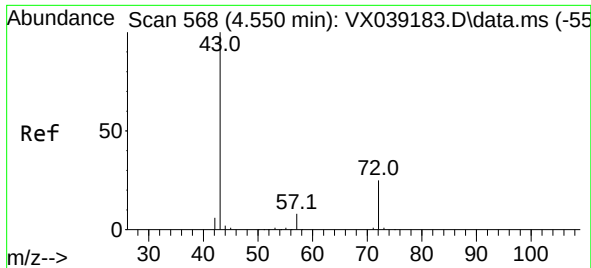
Reviewed By :John Carlone 01/05/2024
 Supervised By :Mahesh Dadoda 01/05/2024



#24
 1,1-Dichloroethane
 Concen: 50.733 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX039616.D
 Acq: 04 Jan 2024 09:56

Tgt Ion: 63 Resp: 157347
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.8
 100 3.7 2.1 6.5





#25
2-Butanone
Concen: 233.995 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

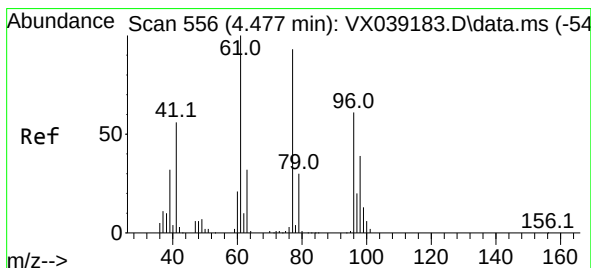
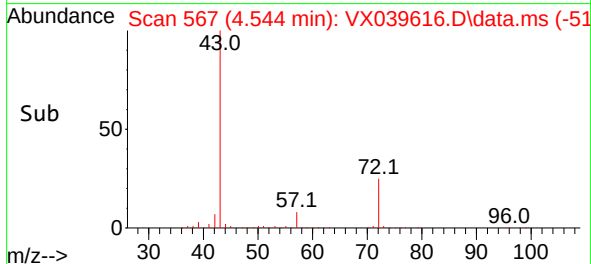
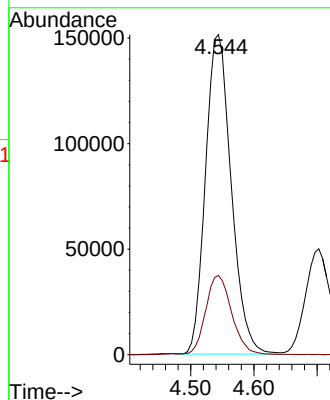
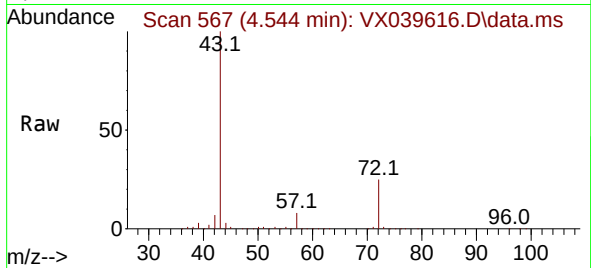
VSTDCCC050

Tgt Ion: 43 Resp: 42798
Ion Ratio Lower Upper
43 100
72 24.7 19.4 29.2

Manual Integrations

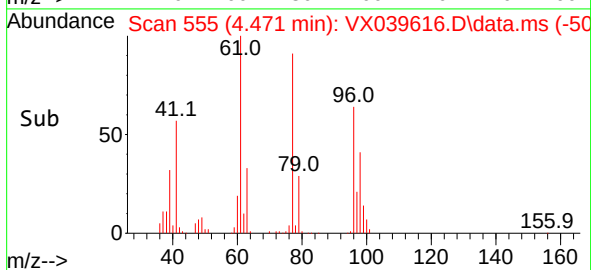
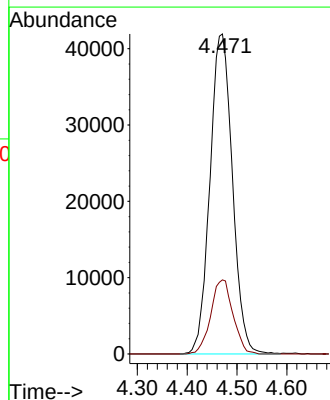
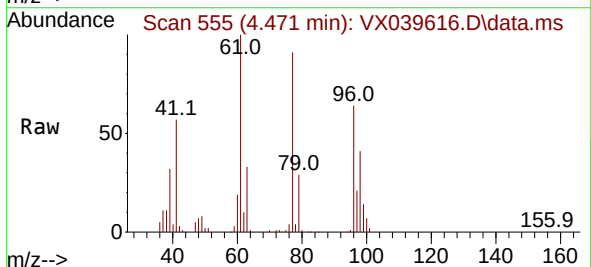
APPROVED

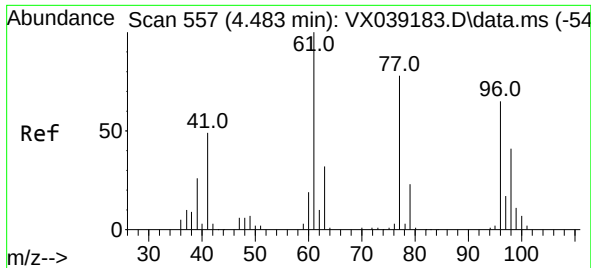
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#26
2,2-Dichloropropane
Concen: 48.441 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

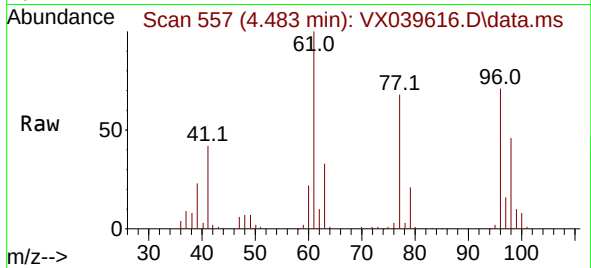
Tgt Ion: 77 Resp: 131163
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 51.765 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX039616.D
 Acq: 04 Jan 2024 09:56

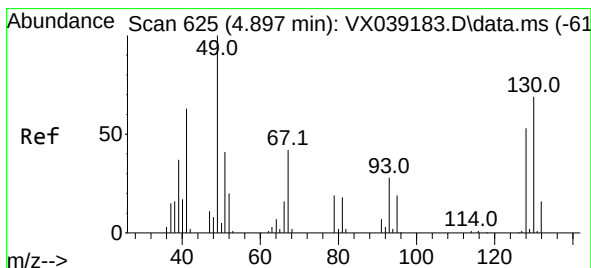
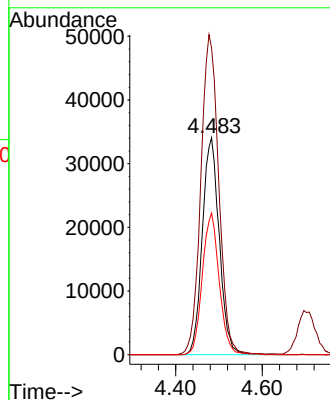
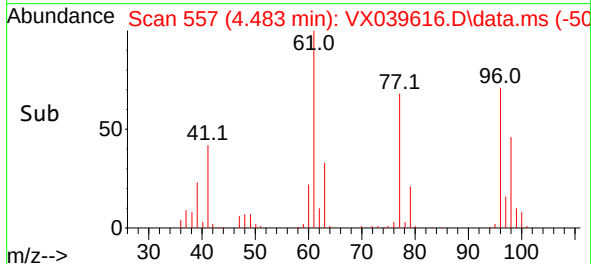
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 9250
 Ion Ratio Lower Upper
 96 100
 61 155.8 0.0 312.2
 98 65.0 0.0 129.0

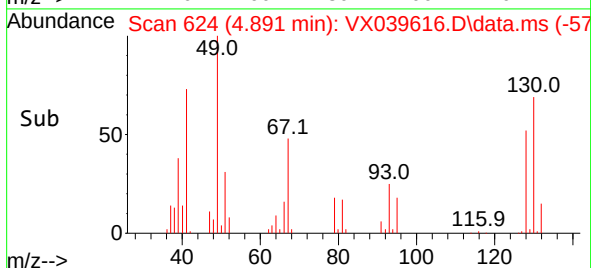
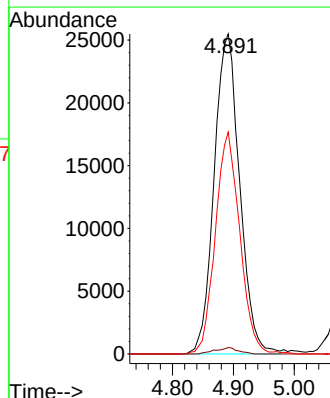
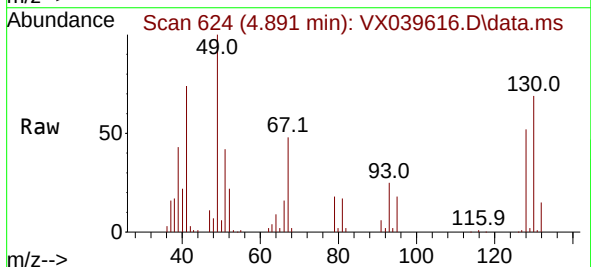
Manual Integrations
 APPROVED

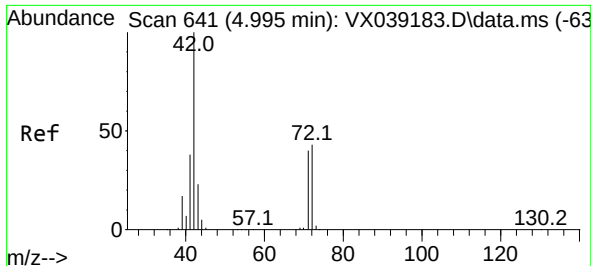
Reviewed By :John Carlone 01/05/2024
 Supervised By :Mahesh Dadoda 01/05/2024



#28
 Bromochloromethane
 Concen: 49.006 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX039616.D
 Acq: 04 Jan 2024 09:56

Tgt Ion: 49 Resp: 74161
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 66.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 254.747 ug/l

RT: 4.989 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 25731

Ion Ratio Lower Upper

42 100

72 41.9 34.2 51.4

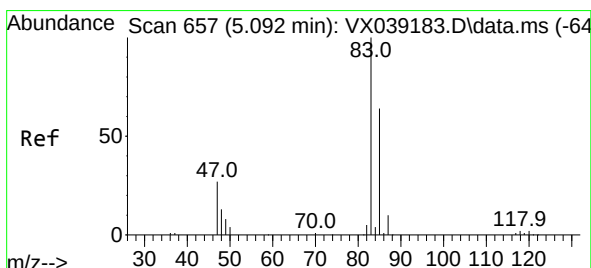
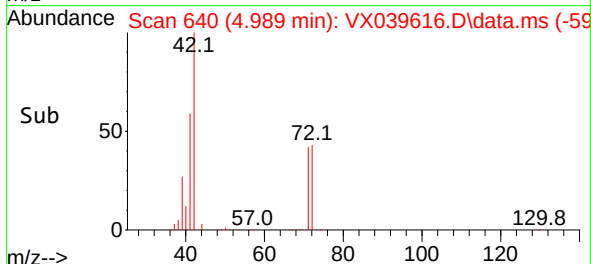
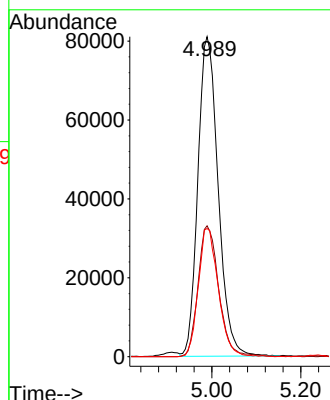
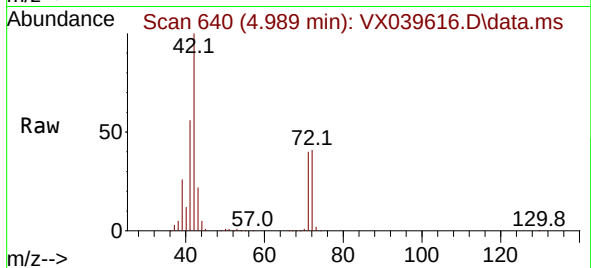
71 39.7 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2024

Supervised By :Mahesh Dadoda 01/05/2024



#30

Chloroform

Concen: 50.478 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX039616.D

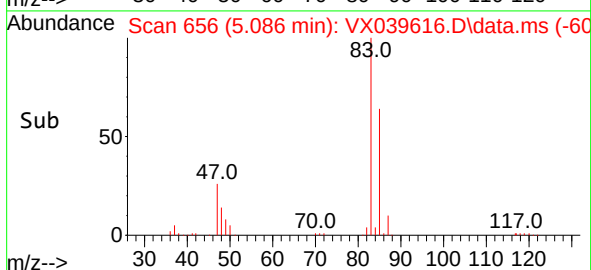
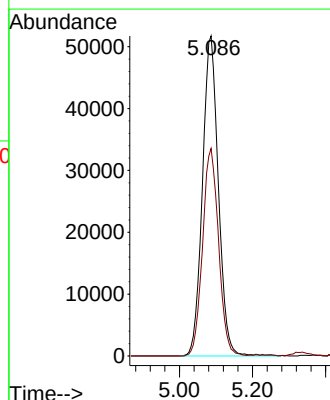
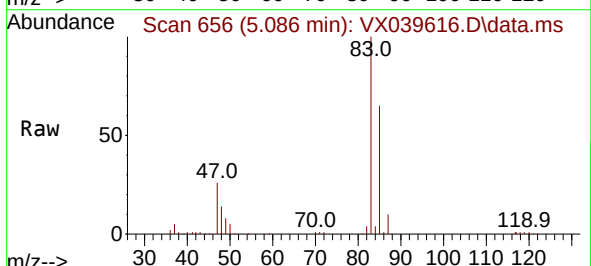
Acq: 04 Jan 2024 09:56

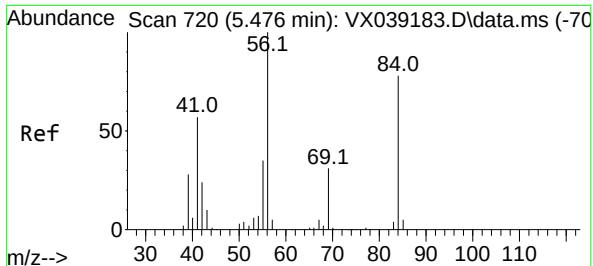
Tgt Ion: 83 Resp: 156451

Ion Ratio Lower Upper

83 100

85 64.9 50.3 75.5





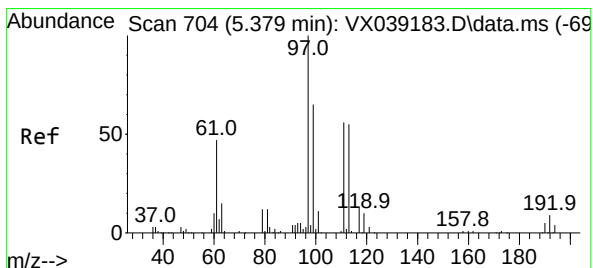
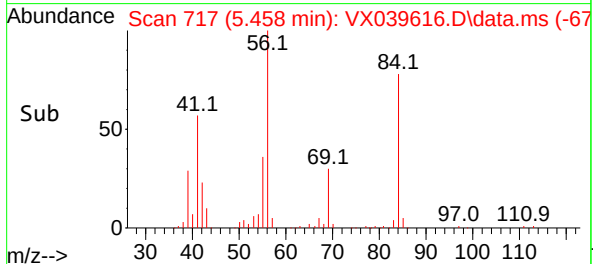
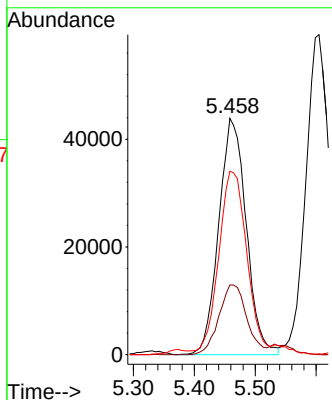
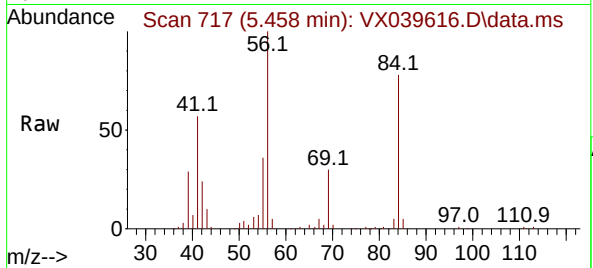
#31
Cyclohexane
Concen: 50.247 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.018 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 13755
Ion Ratio Lower Upper
56 100
69 29.5 23.4 35.2
84 75.4 65.9 98.9

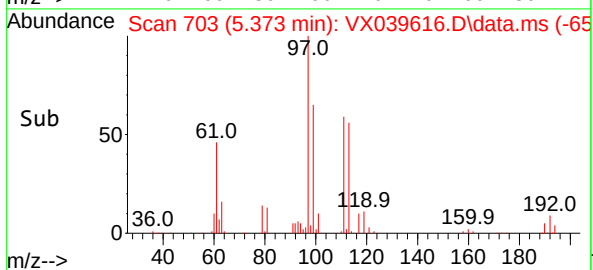
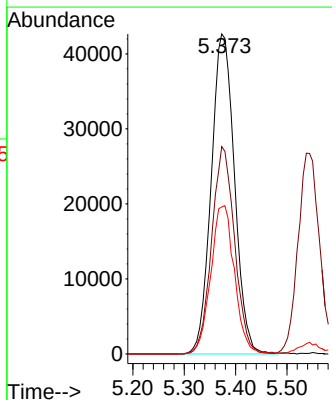
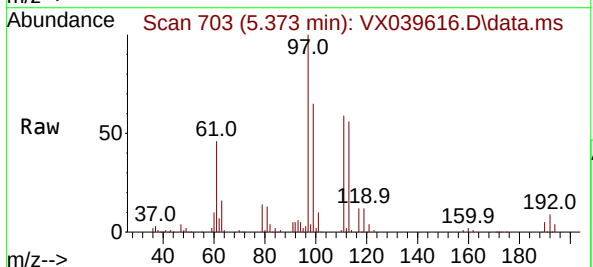
Manual Integrations
APPROVED

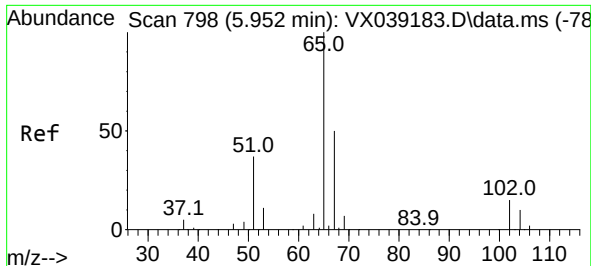
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#32
1,1,1-Trichloroethane
Concen: 49.851 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Tgt Ion: 97 Resp: 134130
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 47.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.593 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 96630

Ion Ratio Lower Upper

65 100

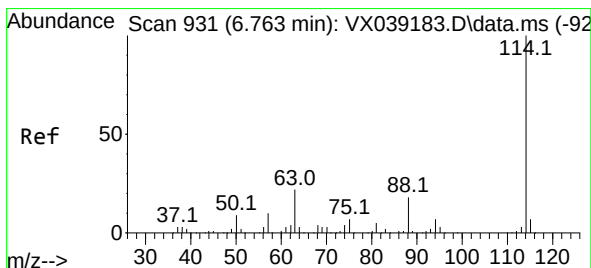
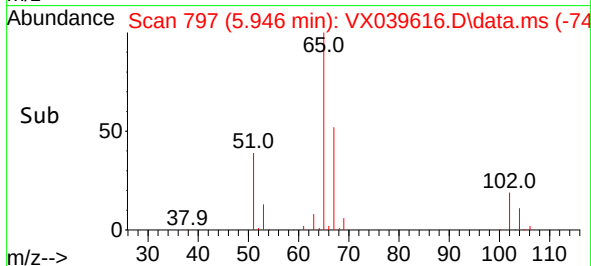
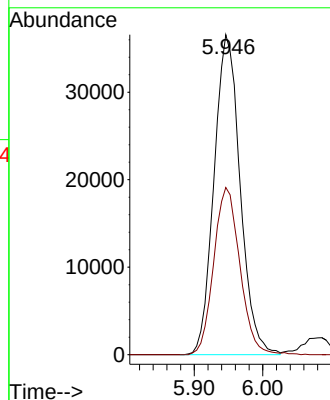
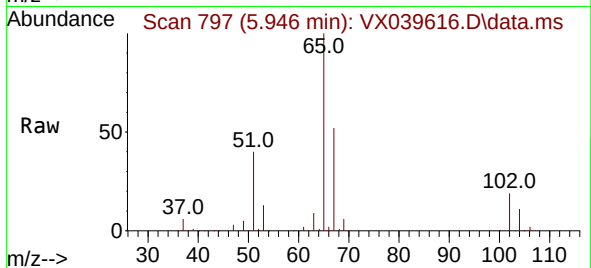
67 52.5 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2024

Supervised By :Mahesh Dadoda 01/05/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

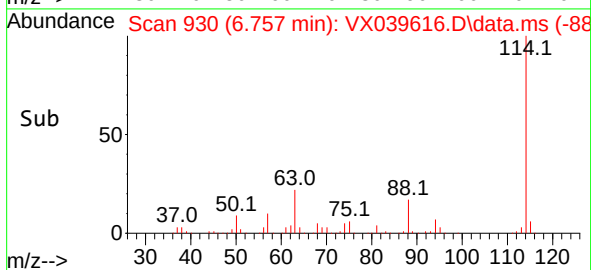
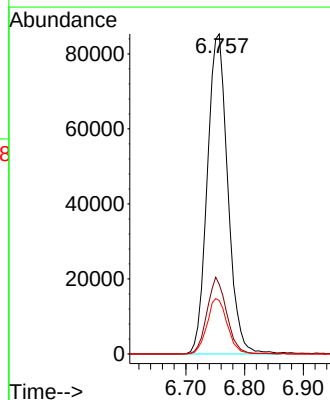
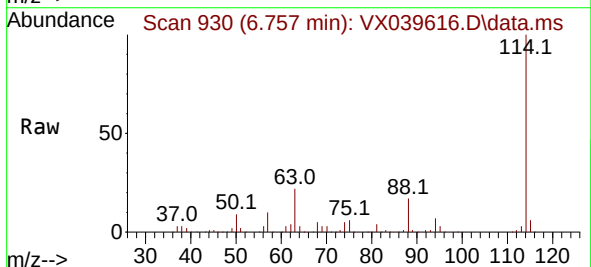
Tgt Ion:114 Resp: 206451

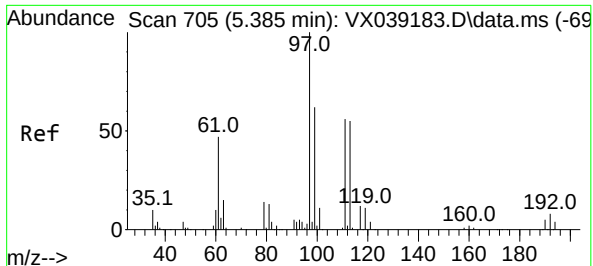
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.552 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

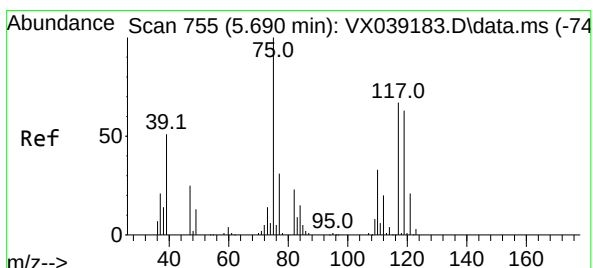
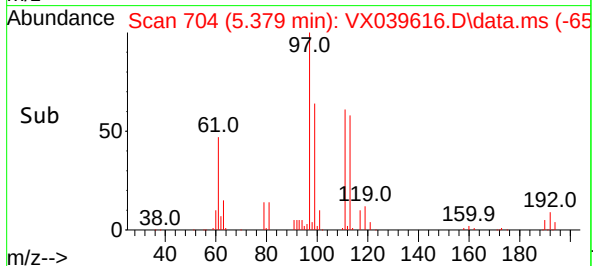
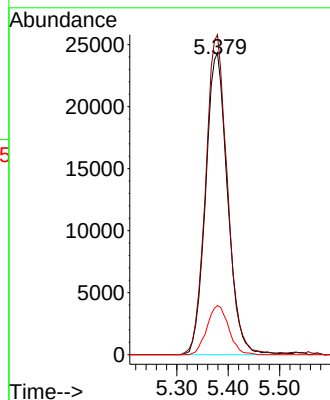
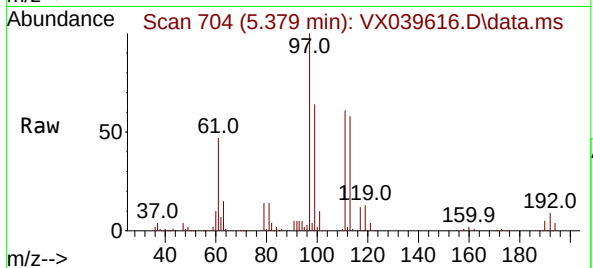
Tgt Ion:	113	Resp:	7210
Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.9	124.3
192	16.1	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2024

Supervised By :Mahesh Dadoda 01/05/2024



#36

1,1-Dichloropropene

Concen: 51.093 ug/l

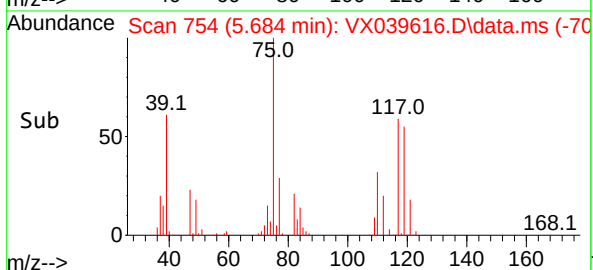
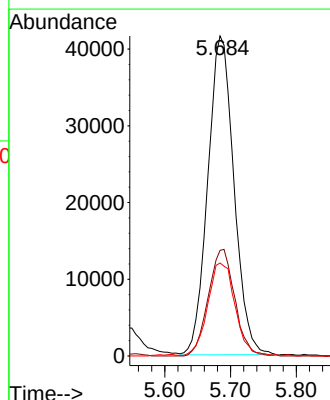
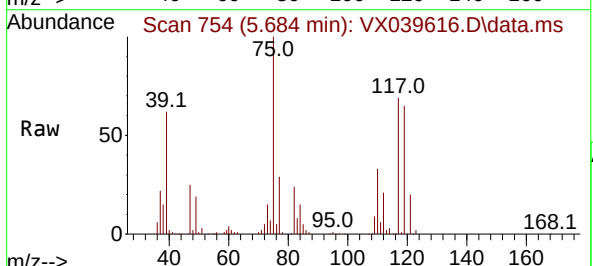
RT: 5.684 min Scan# 754

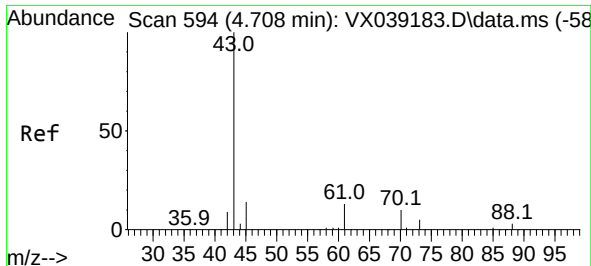
Delta R.T. -0.006 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

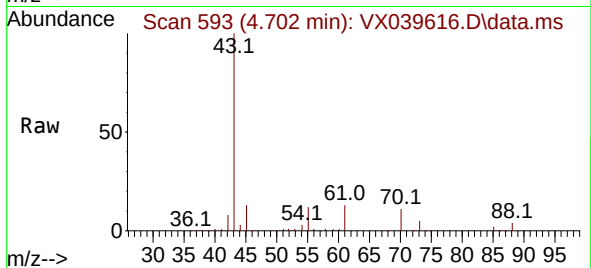
Tgt Ion:	75	Resp:	114994
Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.0	50.9
77	30.7	24.7	37.1





#37
Ethyl Acetate
Concen: 51.805 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

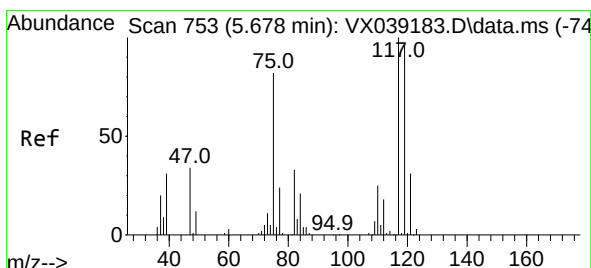
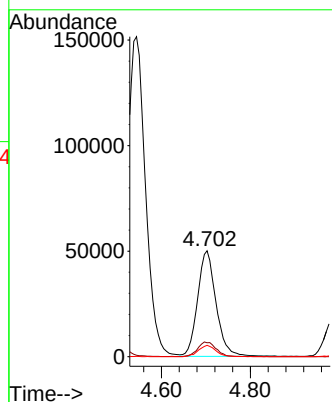
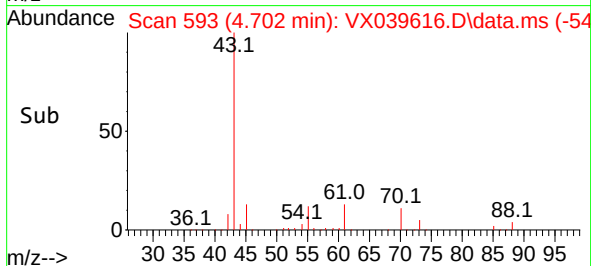
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 144049
Ion Ratio Lower Upper
43 100
61 13.9 10.6 16.0
70 10.2 8.3 12.5

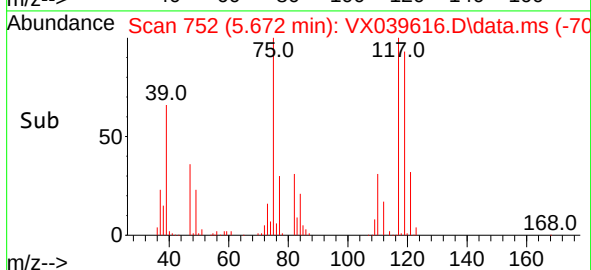
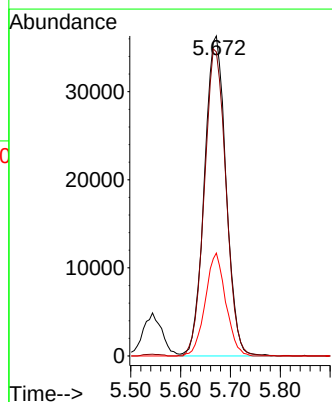
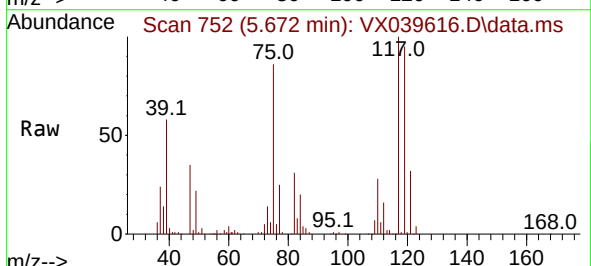
Manual Integrations
APPROVED

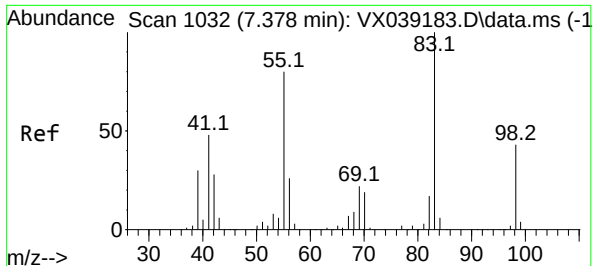
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#38
Carbon Tetrachloride
Concen: 50.826 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Tgt Ion:117 Resp: 109167
Ion Ratio Lower Upper
117 100
119 95.0 78.2 117.2
121 32.2 24.4 36.6





#39

Methylcyclohexane

Concen: 52.083 ug/l

RT: 7.373 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 140800

Ion Ratio Lower Upper

83 100

55 79.9 64.6 97.0

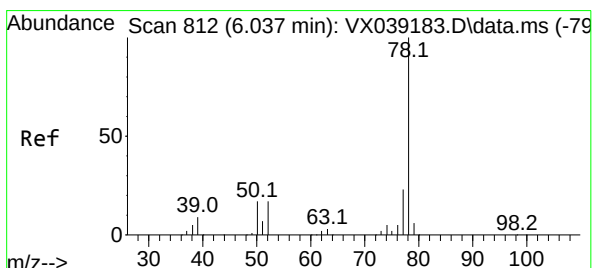
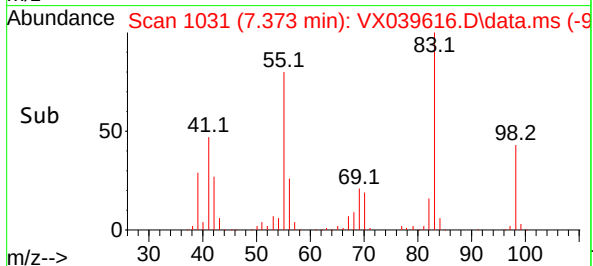
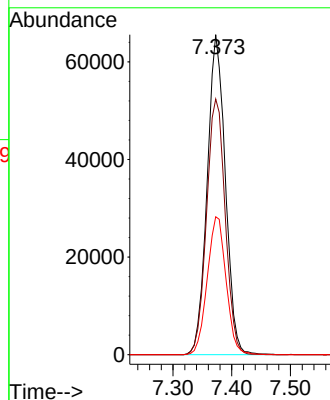
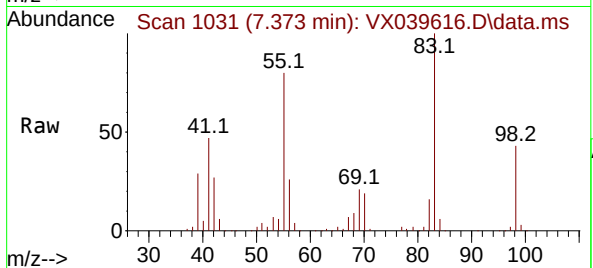
98 43.1 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2024

Supervised By :Mahesh Dadoda 01/05/2024



#40

Benzene

Concen: 52.287 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX039616.D

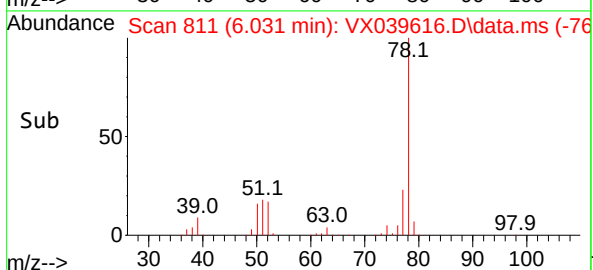
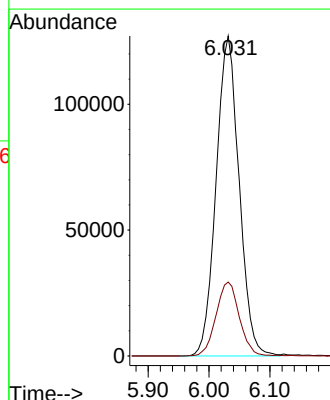
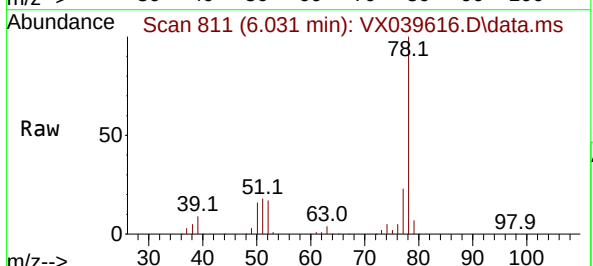
Acq: 04 Jan 2024 09:56

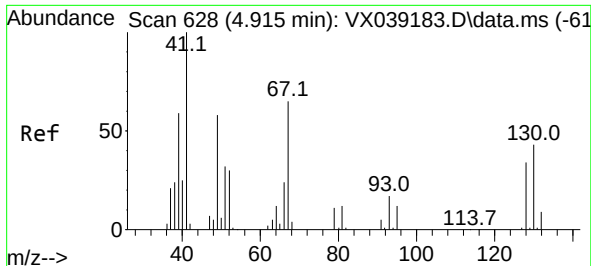
Tgt Ion: 78 Resp: 332895

Ion Ratio Lower Upper

78 100

77 23.1 19.3 28.9





#41
Methacrylonitrile
Concen: 53.544 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

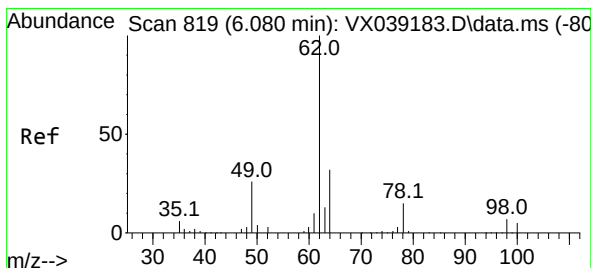
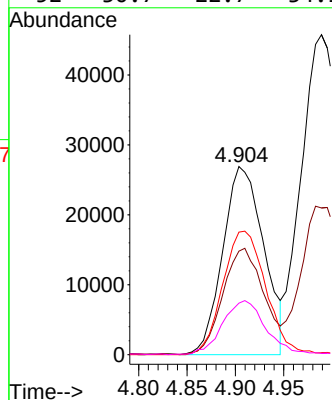
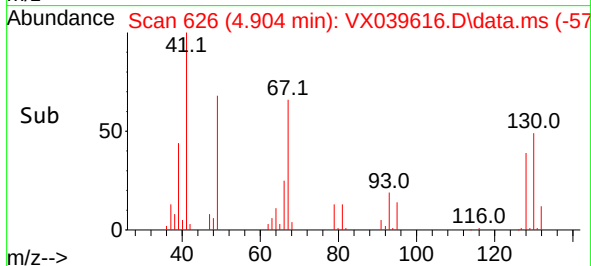
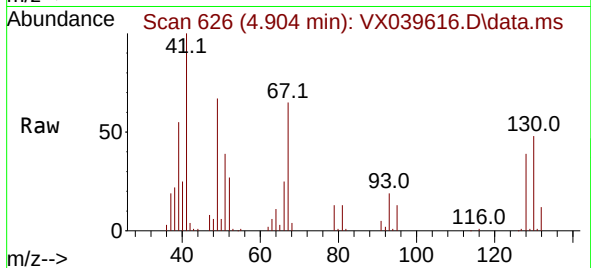
Tgt Ion: 41 Resp: 79438
Ion Ratio Lower Upper
41 100
39 56.2 45.2 67.8
67 69.4 52.6 78.8
52 30.7 22.7 34.1

Manual Integrations

APPROVED

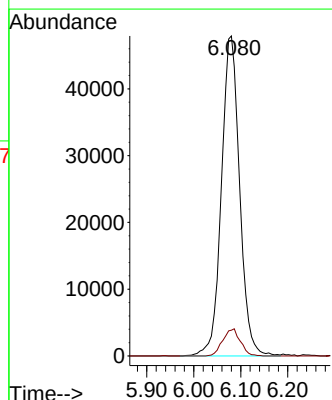
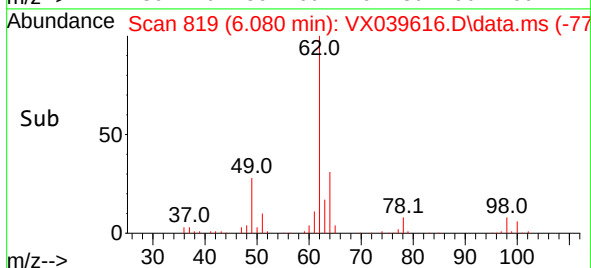
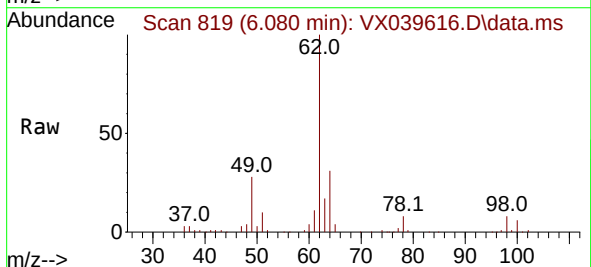
Reviewed By :John Carlone 01/05/2024

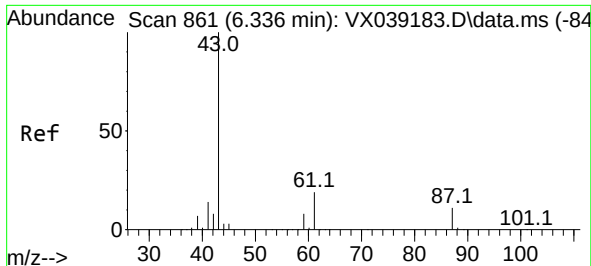
Supervised By :Mahesh Dadoda 01/05/2024



#42
1,2-Dichloroethane
Concen: 50.219 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

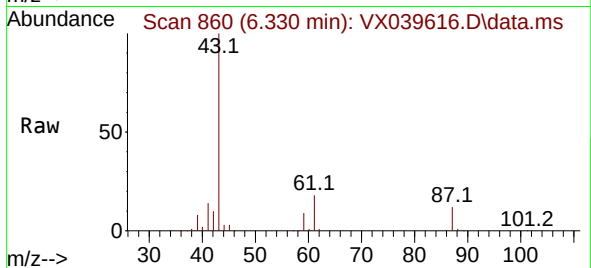
Tgt Ion: 62 Resp: 129423
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 52.332 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

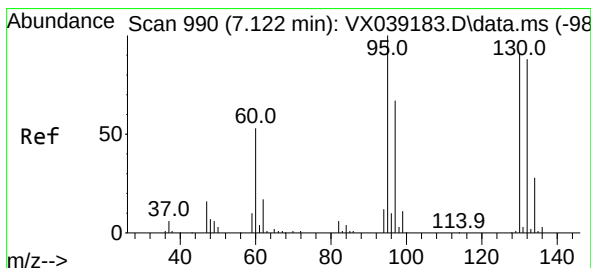
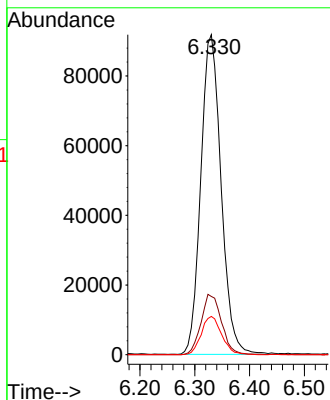
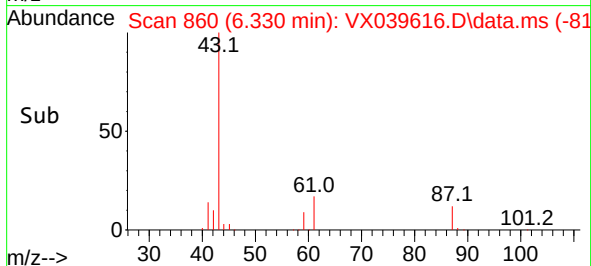
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



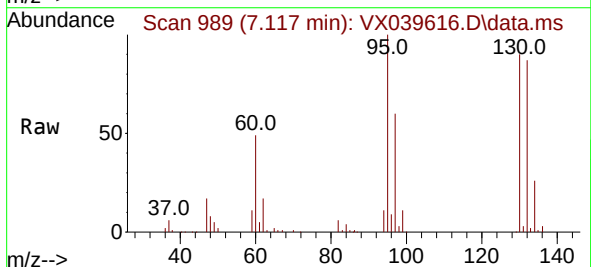
Tgt Ion: 43 Resp: 23663
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 12.0 9.8 14.6

Manual Integrations
APPROVED

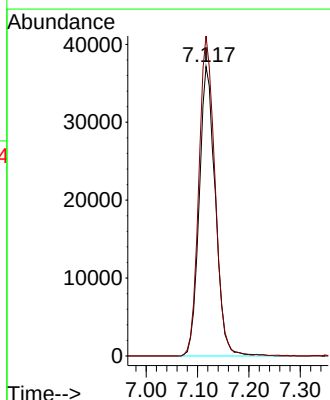
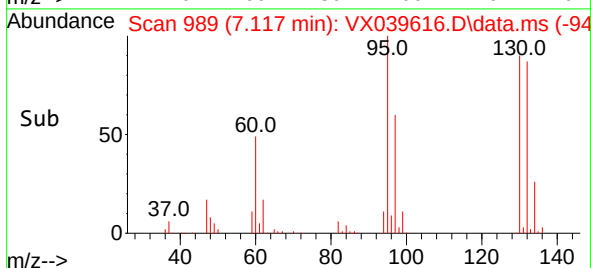
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024

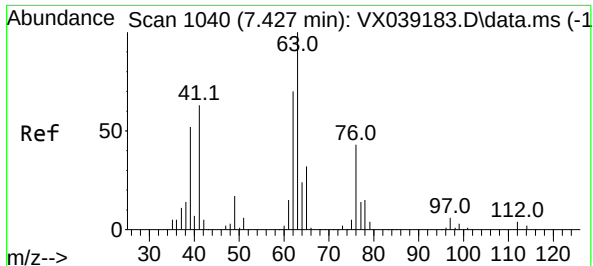


#44
Trichloroethene
Concen: 50.390 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56



Tgt Ion:130 Resp: 80957
Ion Ratio Lower Upper
130 100
95 110.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 54.334 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 92840

Ion Ratio Lower Upper

63 100

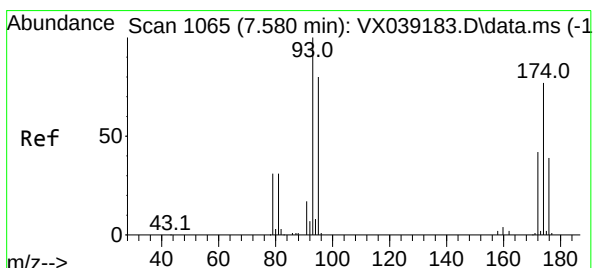
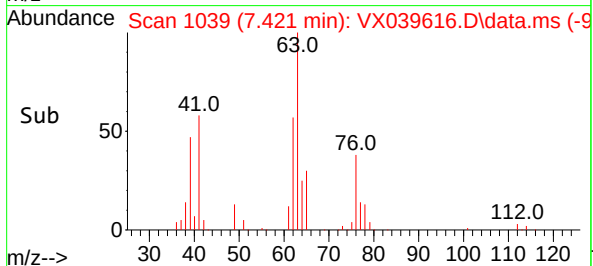
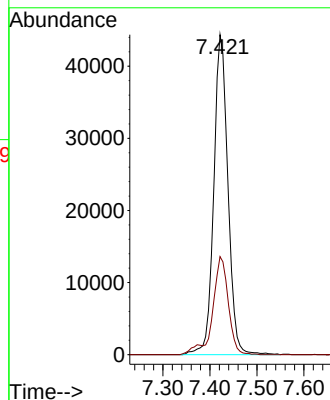
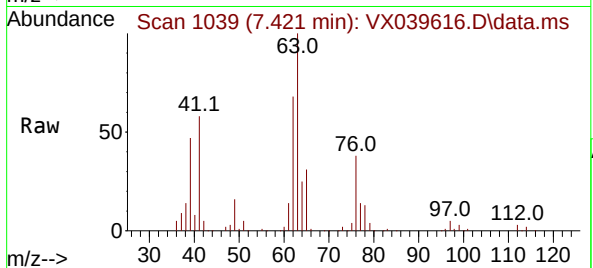
65 30.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2024

Supervised By :Mahesh Dadoda 01/05/2024



#46

Dibromomethane

Concen: 51.243 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

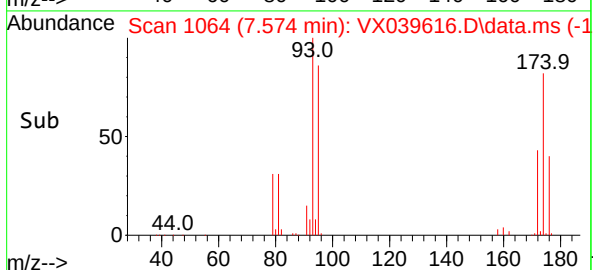
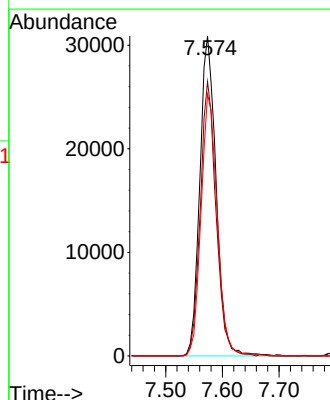
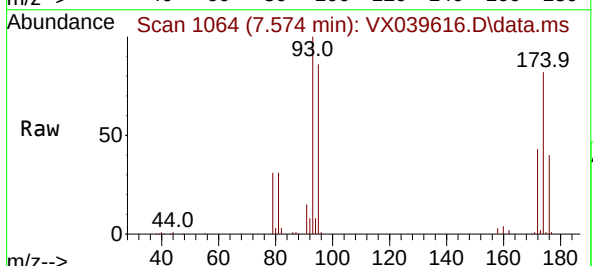
Tgt Ion: 93 Resp: 61549

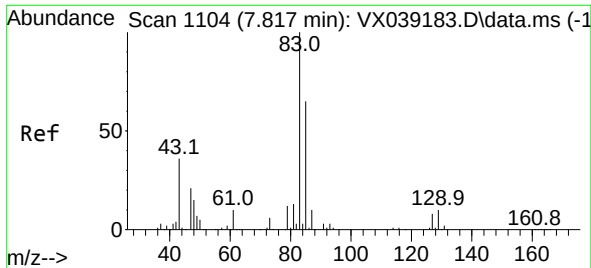
Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

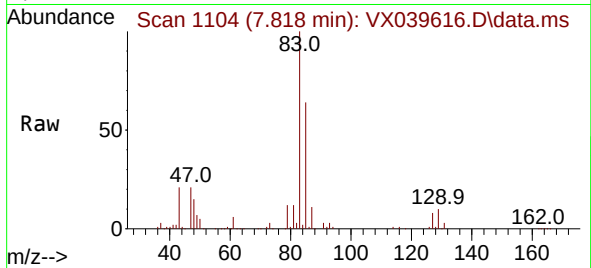
174 81.7 69.4 104.0





#47
Bromodichloromethane
Concen: 52.597 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

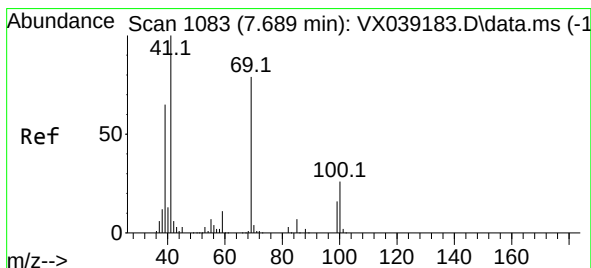
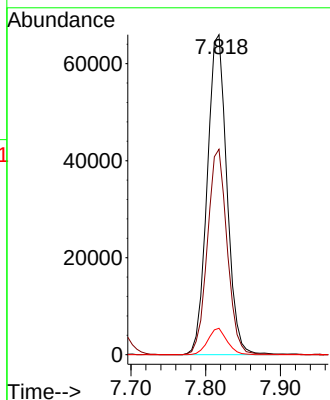
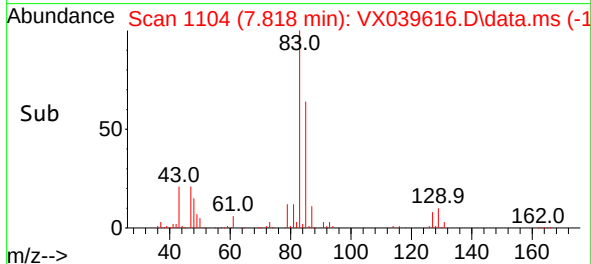
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 12079
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.3 7.1 10.7

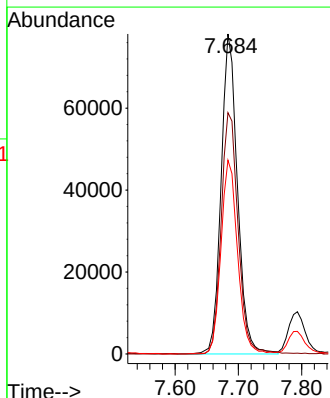
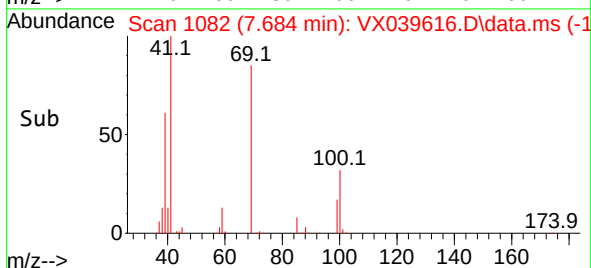
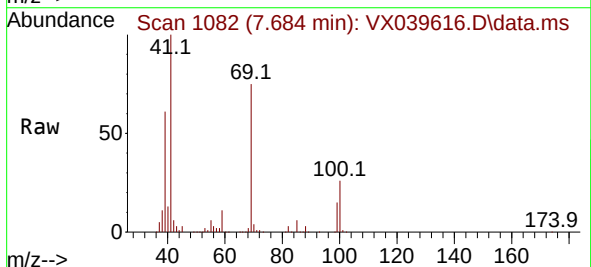
Manual Integrations
APPROVED

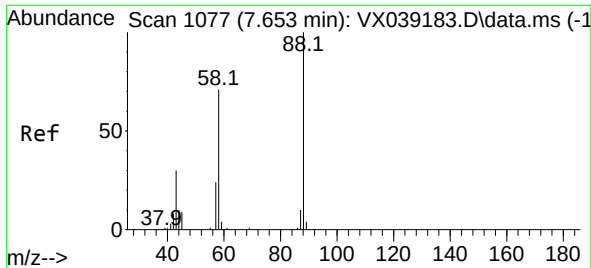
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#48
Methyl methacrylate
Concen: 52.941 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

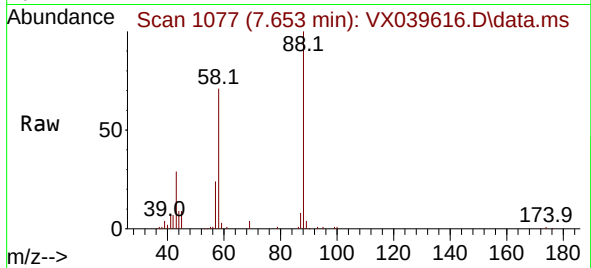
Tgt Ion: 41 Resp: 139948
Ion Ratio Lower Upper
41 100
69 78.3 59.2 88.8
39 61.6 47.7 71.5





#49
1,4-Dioxane
Concen: 1049.828 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

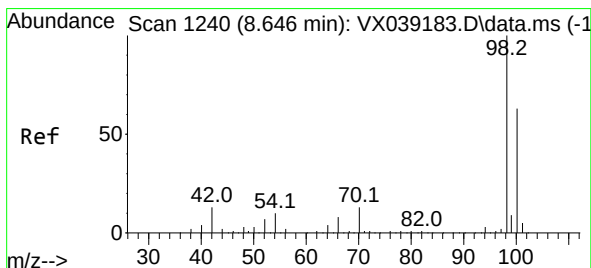
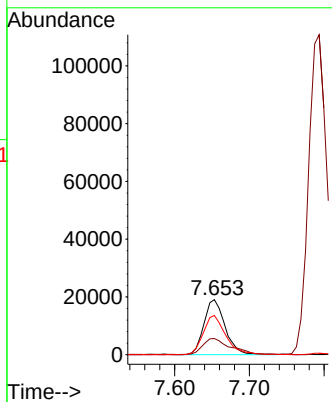
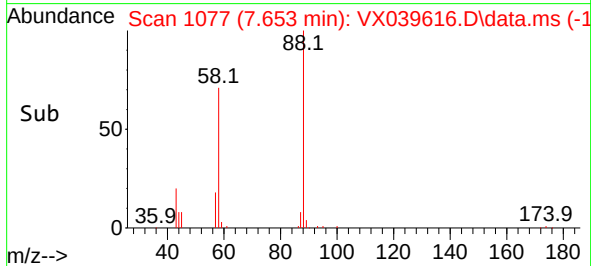
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 37408
Ion Ratio Lower Upper
88 100
43 38.1 0.0 0.0
58 75.7 60.1 90.1

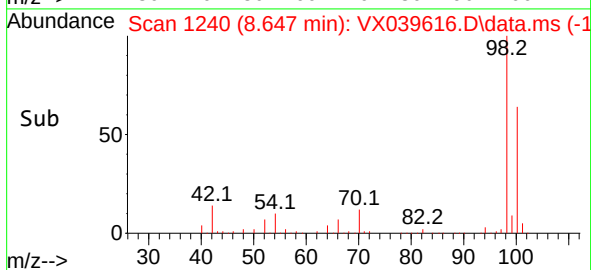
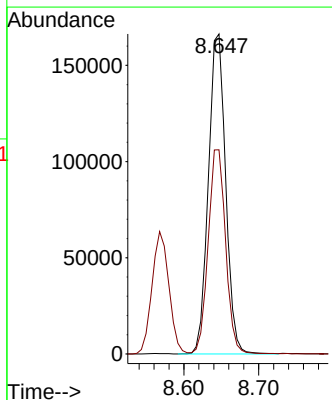
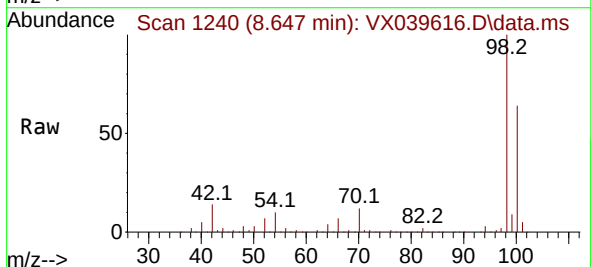
Manual Integrations
APPROVED

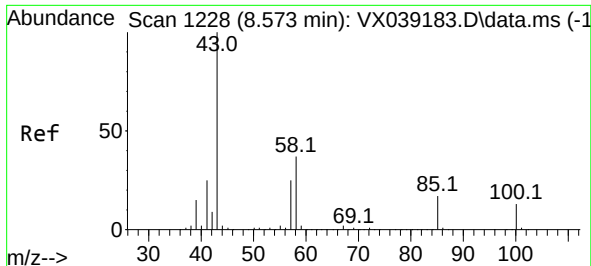
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#50
Toluene-d8
Concen: 50.626 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Tgt Ion: 98 Resp: 268066
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7





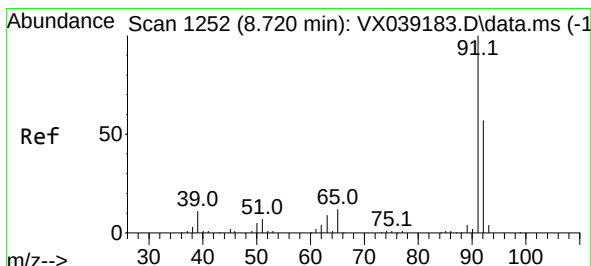
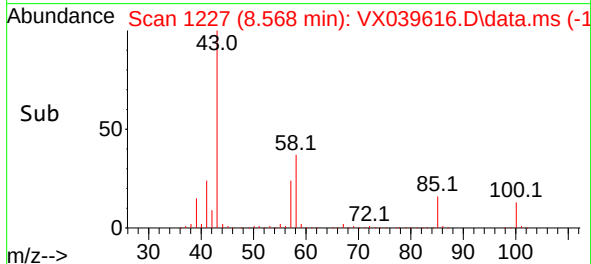
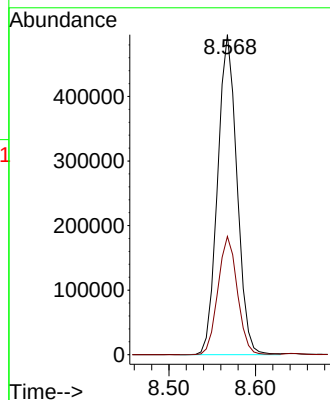
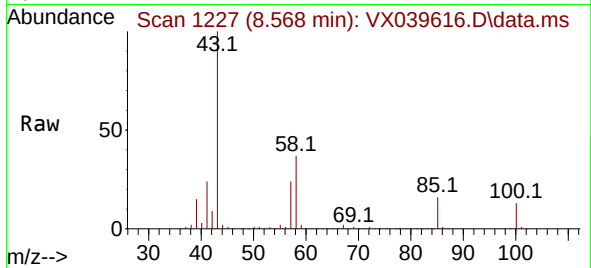
#51
4-Methyl-2-Pentanone
Concen: 266.789 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 76861
Ion Ratio Lower Upper
43 100
58 37.0 30.4 45.6

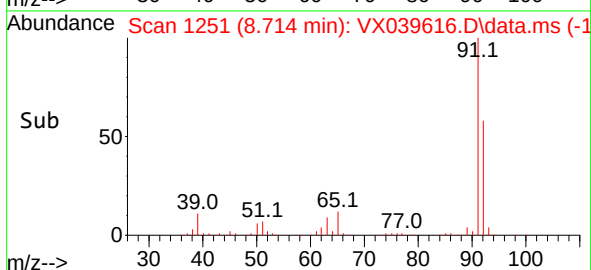
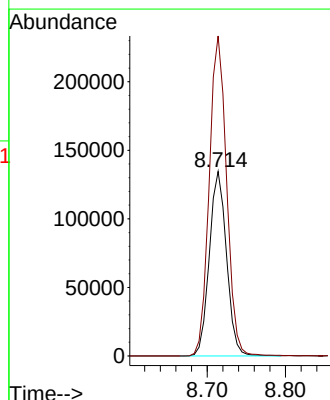
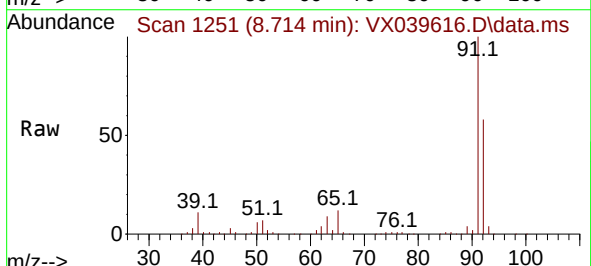
Manual Integrations
APPROVED

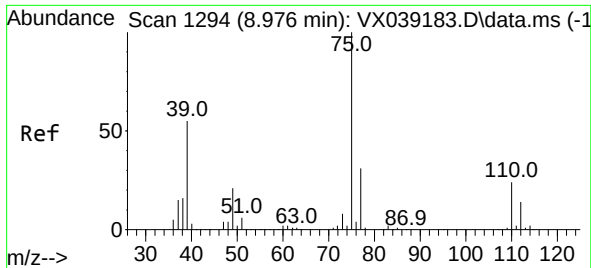
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#52
Toluene
Concen: 53.308 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Tgt Ion: 92 Resp: 204844
Ion Ratio Lower Upper
92 100
91 175.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 53.105 ug/l

RT: 8.970 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 134272

Ion Ratio Lower Upper

75 100

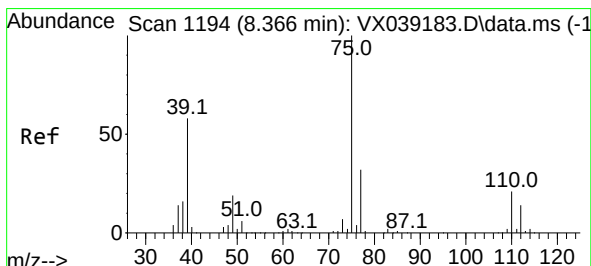
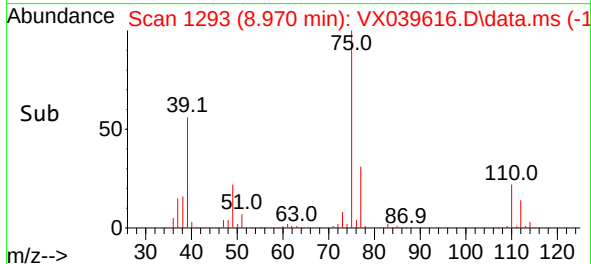
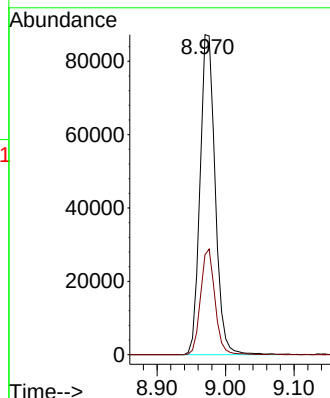
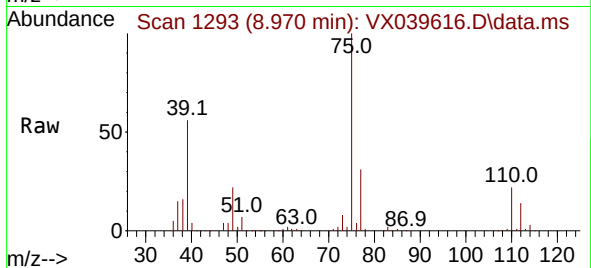
77 31.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2024

Supervised By :Mahesh Dadoda 01/05/2024



#54

cis-1,3-Dichloropropene

Concen: 52.923 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

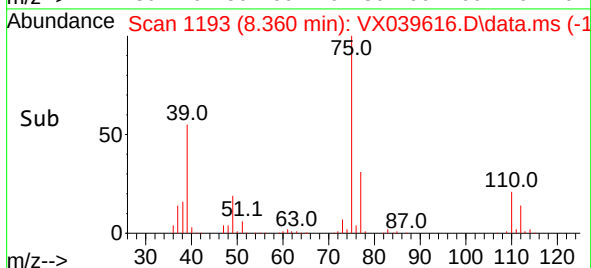
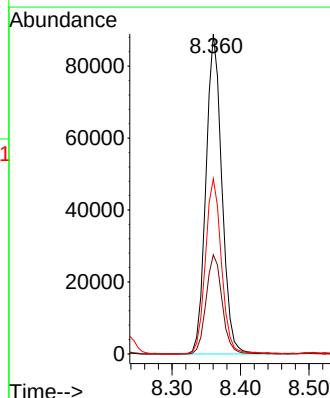
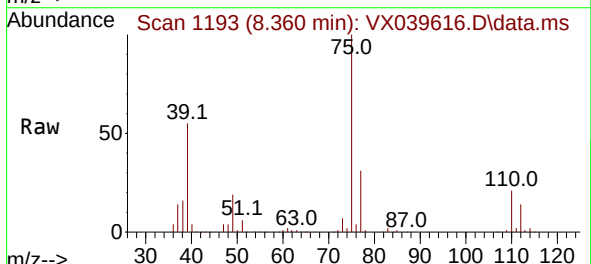
Tgt Ion: 75 Resp: 143979

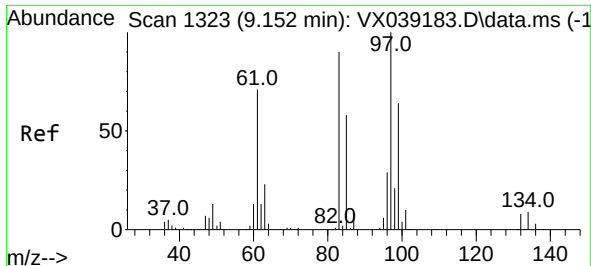
Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9

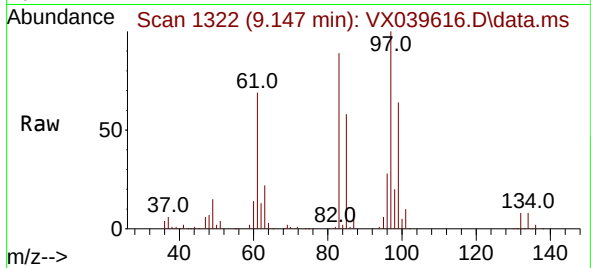
39 54.7 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 53.660 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

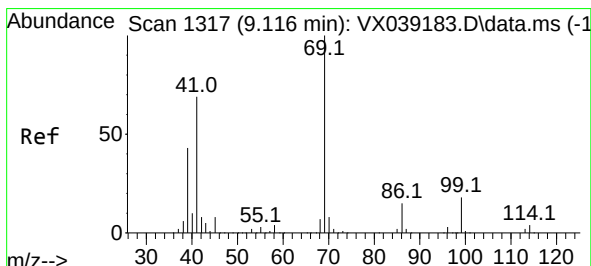
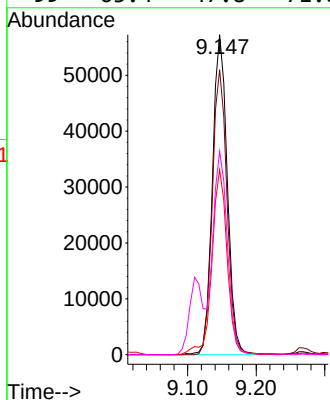
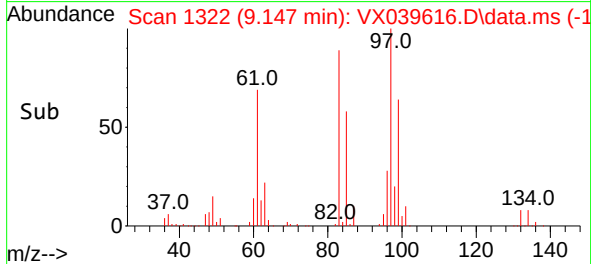


Tgt Ion: 97 Resp: 86084

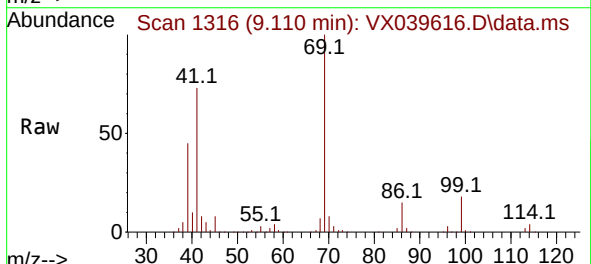
Ion	Ratio	Lower	Upper
97	100		
83	89.0	65.8	98.8
85	57.9	41.6	62.4
99	63.4	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024

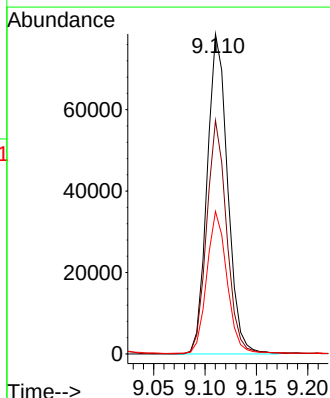
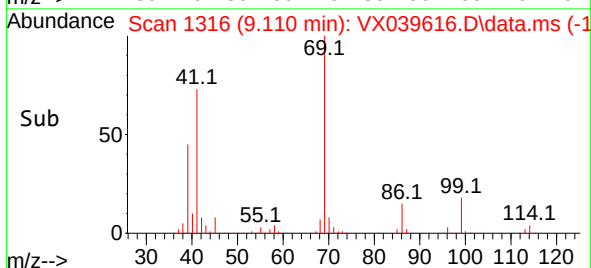


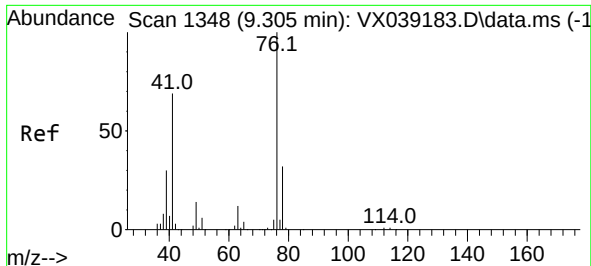
#56
Ethyl methacrylate
Concen: 55.818 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56



Tgt Ion: 69 Resp: 109315

Ion	Ratio	Lower	Upper
69	100		
41	70.8	56.8	85.2
39	43.7	32.0	48.0





#57

1,3-Dichloropropane

Concen: 52.712 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 146192

Ion Ratio Lower Upper

76 100

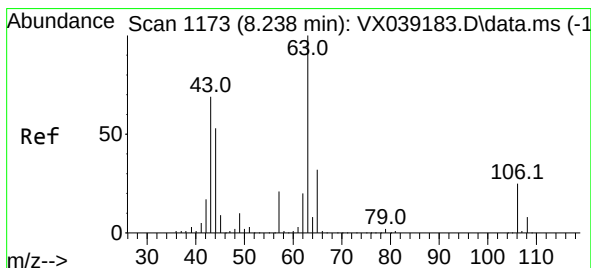
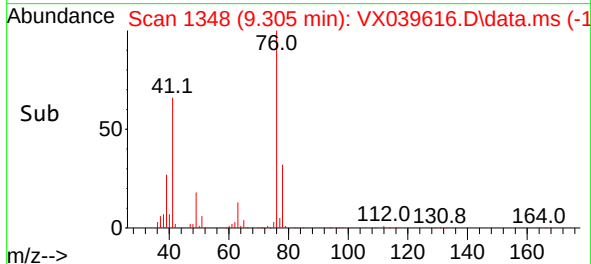
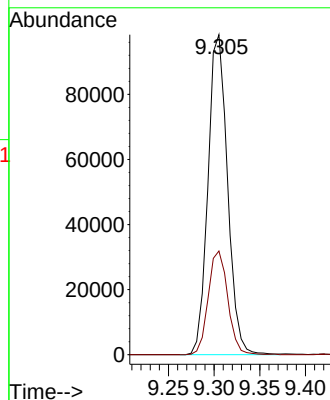
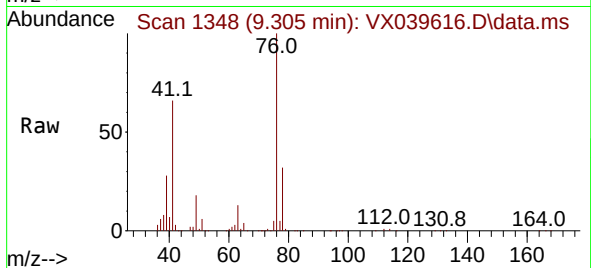
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2024

Supervised By :Mahesh Dadoda 01/05/2024



#58

2-Chloroethyl Vinyl ether

Concen: 302.137 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039616.D

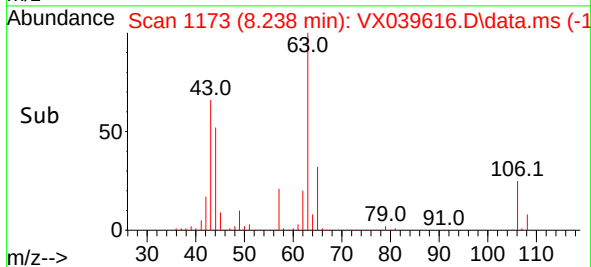
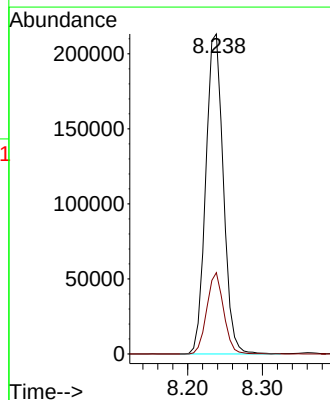
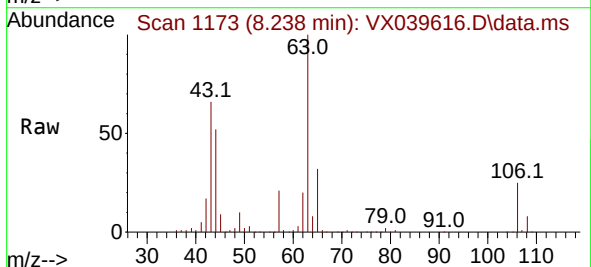
Acq: 04 Jan 2024 09:56

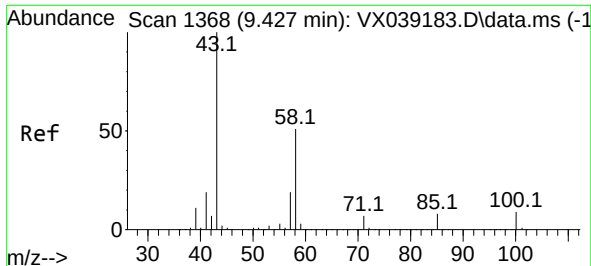
Tgt Ion: 63 Resp: 347443

Ion Ratio Lower Upper

63 100

106 24.4 22.5 33.7





#59

2-Hexanone

Concen: 257.773 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 640920

Ion Ratio Lower Upper

43 100

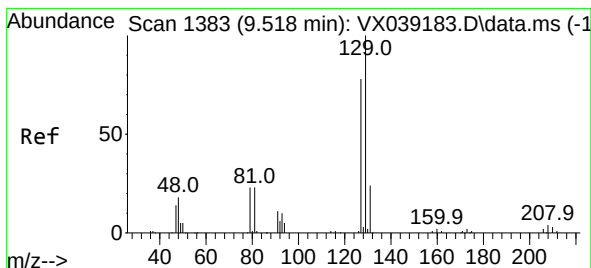
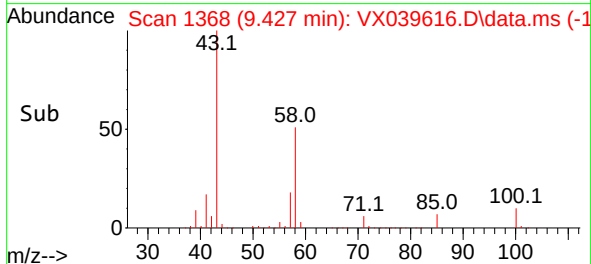
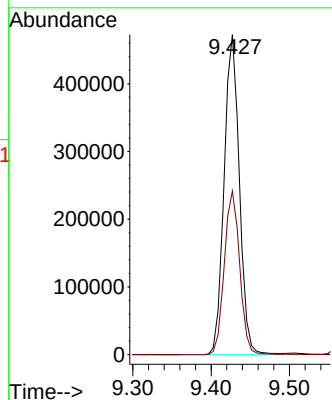
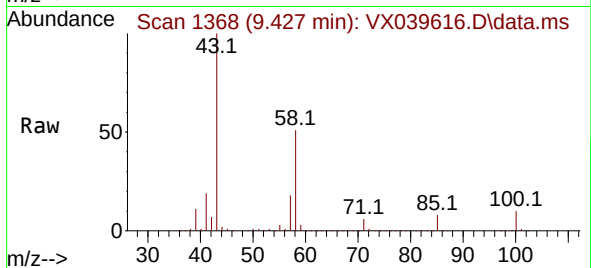
58 51.7 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2024

Supervised By :Mahesh Dadoda 01/05/2024



#60

Dibromochloromethane

Concen: 52.596 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039616.D

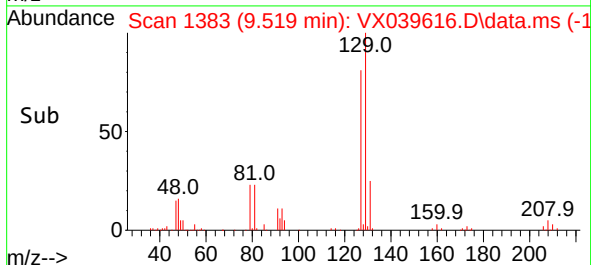
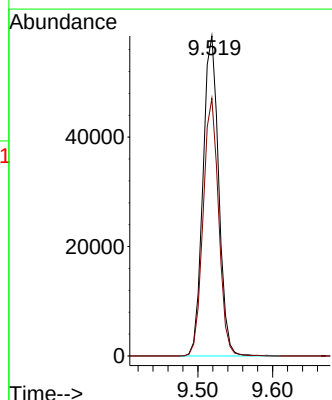
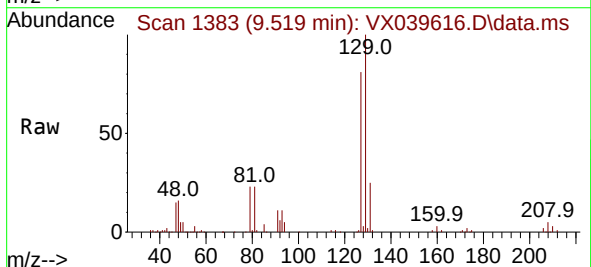
Acq: 04 Jan 2024 09:56

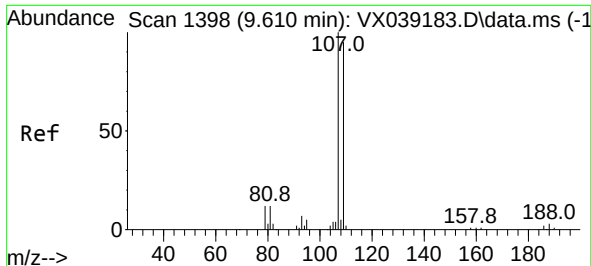
Tgt Ion:129 Resp: 85333

Ion Ratio Lower Upper

129 100

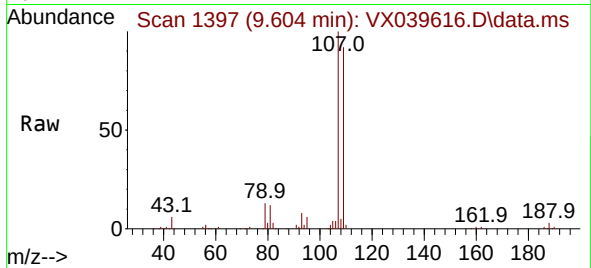
127 79.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.134 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

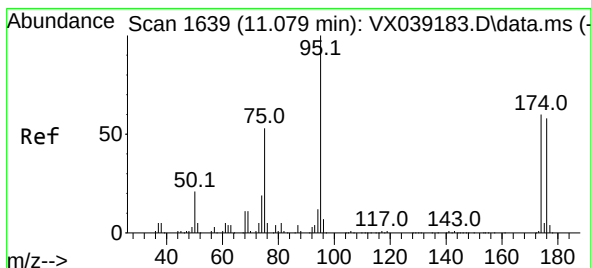
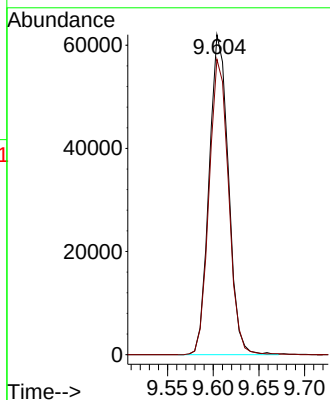
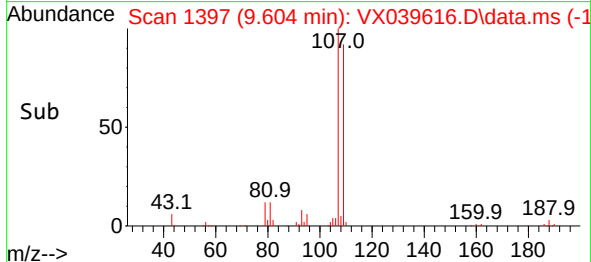
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 9099
Ion Ratio Lower Upper
107 100
109 93.2 75.2 112.8

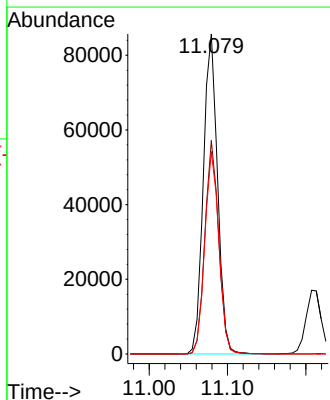
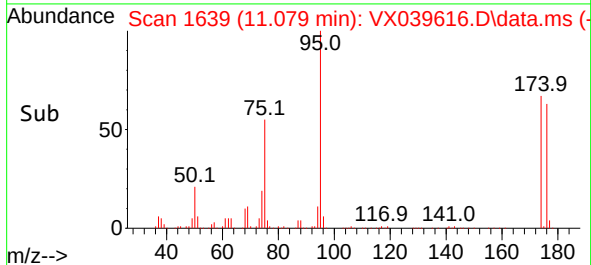
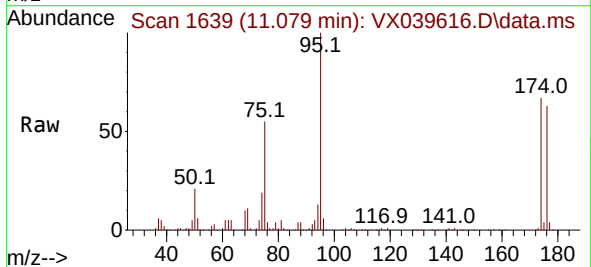
Manual Integrations
APPROVED

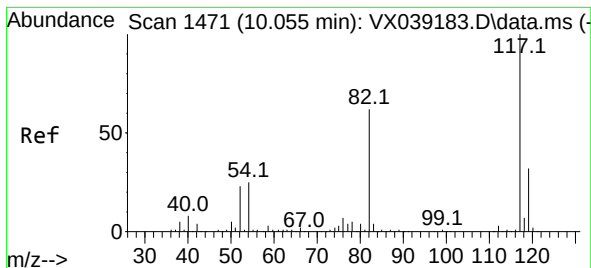
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#62
4-Bromofluorobenzene
Concen: 49.323 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

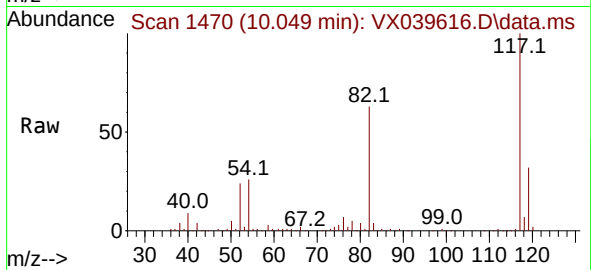
Tgt Ion: 95 Resp: 107757
Ion Ratio Lower Upper
95 100
174 64.5 0.0 135.6
176 62.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

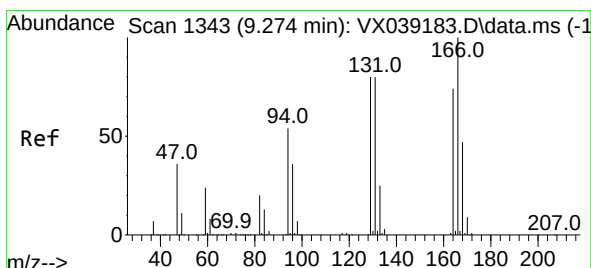
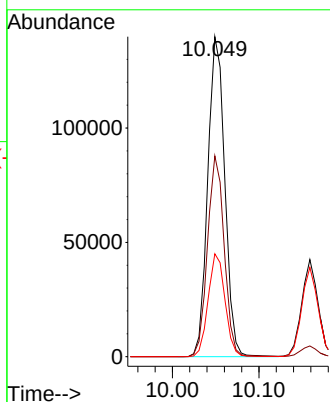
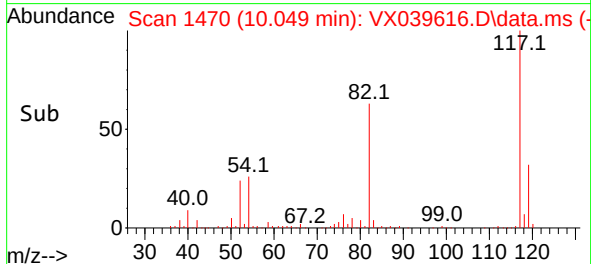
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 191000
Ion Ratio Lower Upper
117 100
82 62.8 46.2 69.4
119 32.2 25.5 38.3

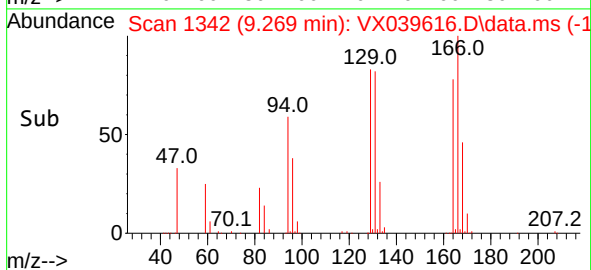
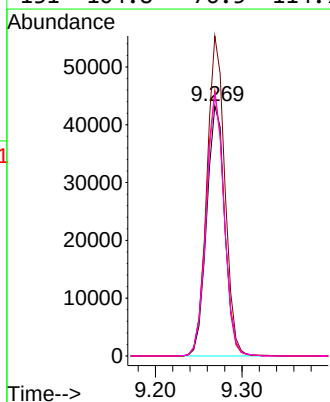
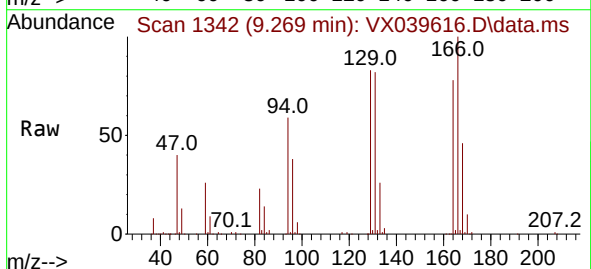
Manual Integrations
APPROVED

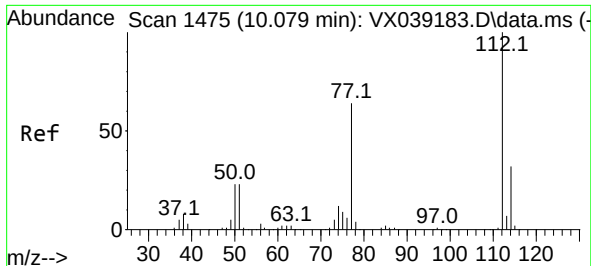
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#64
Tetrachloroethene
Concen: 50.312 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

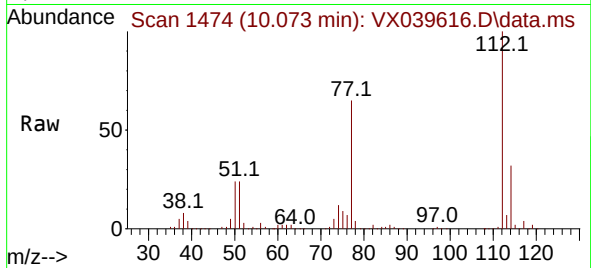
Tgt Ion:164 Resp: 62796
Ion Ratio Lower Upper
164 100
166 128.1 102.7 154.1
129 106.3 80.4 120.6
131 104.8 76.5 114.7





#65
Chlorobenzene
Concen: 51.371 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

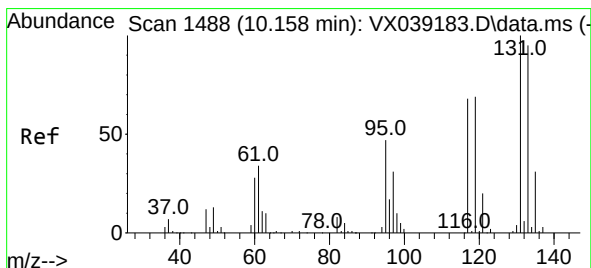
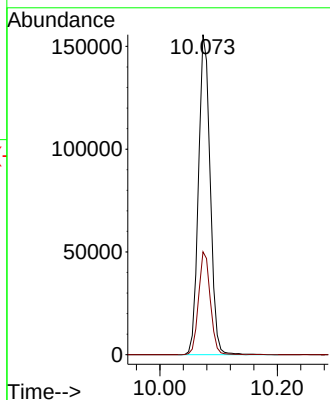
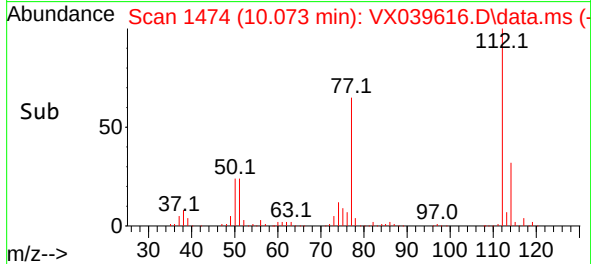
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



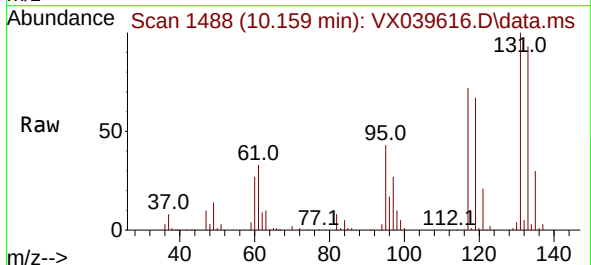
Tgt Ion:112 Resp: 21416
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

Manual Integrations
APPROVED

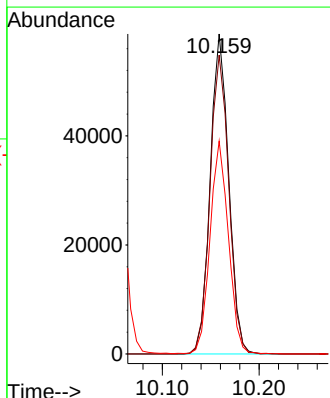
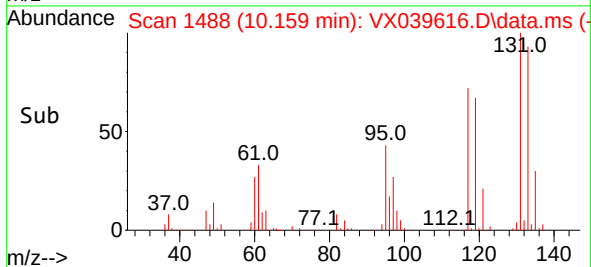
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024

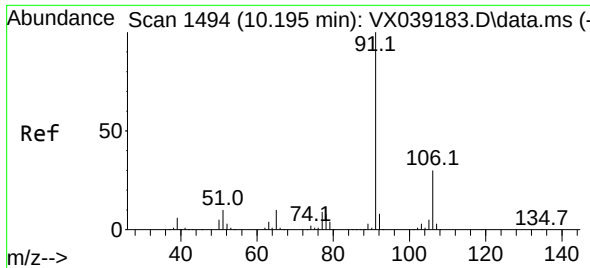


#66
1,1,1,2-Tetrachloroethane
Concen: 52.925 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56



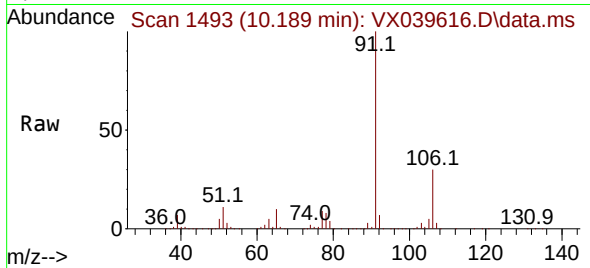
Tgt Ion:131 Resp: 77938
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 66.4 32.2 96.6





#67
Ethyl Benzene
Concen: 52.544 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

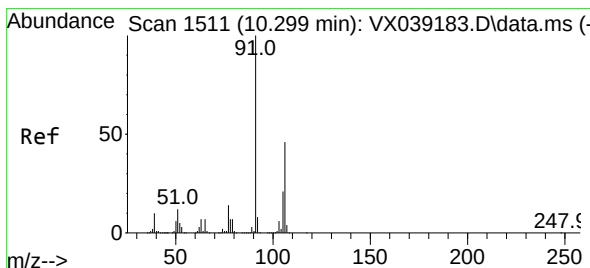
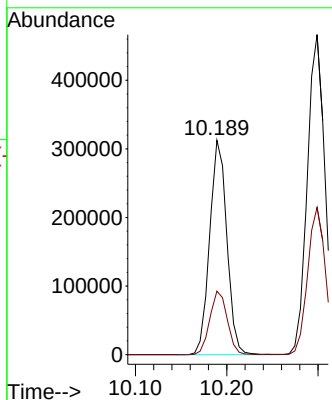
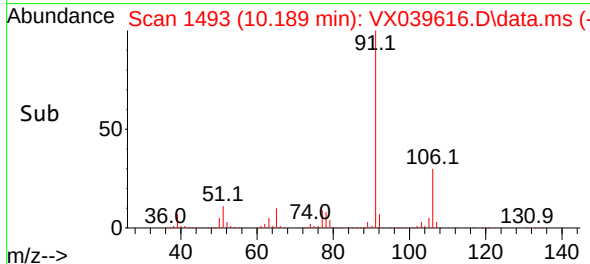
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



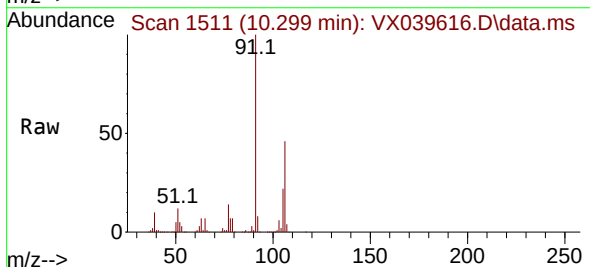
Tgt Ion: 91 Resp: 407760
Ion Ratio Lower Upper
91 100
106 29.7 24.9 37.3

Manual Integrations
APPROVED

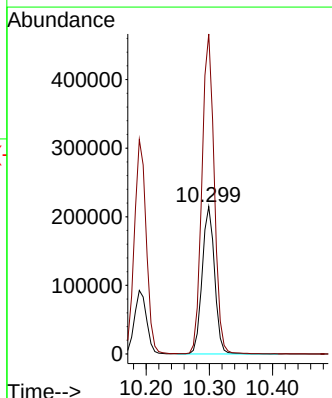
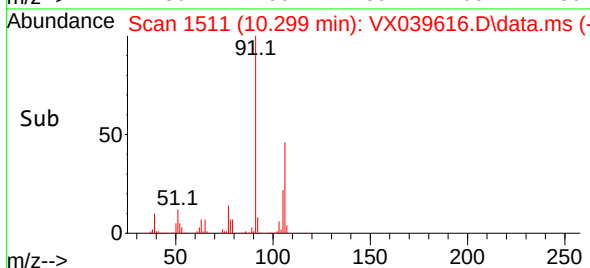
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024

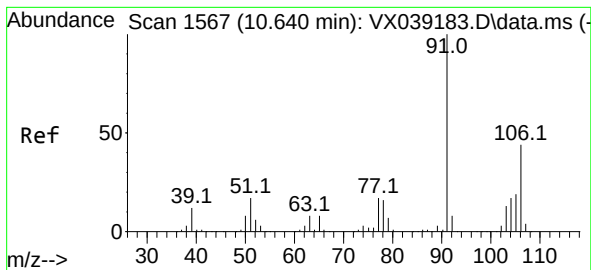


#68
m/p-Xylenes
Concen: 105.589 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56



Tgt Ion:106 Resp: 293797
Ion Ratio Lower Upper
106 100
91 215.5 165.5 248.3





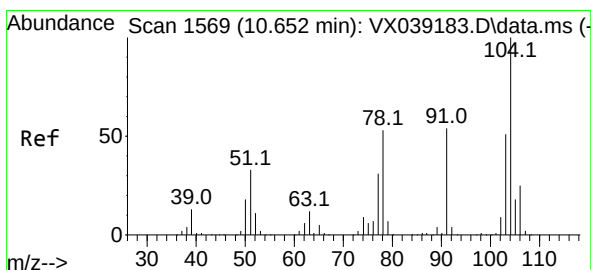
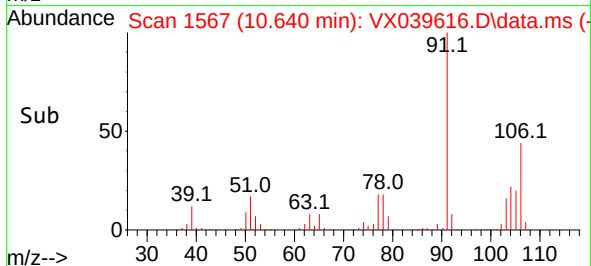
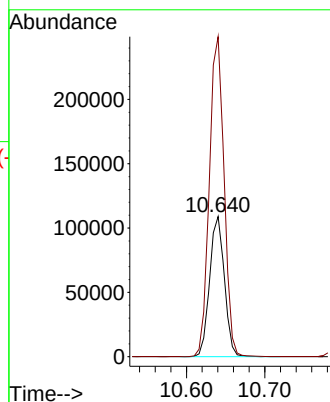
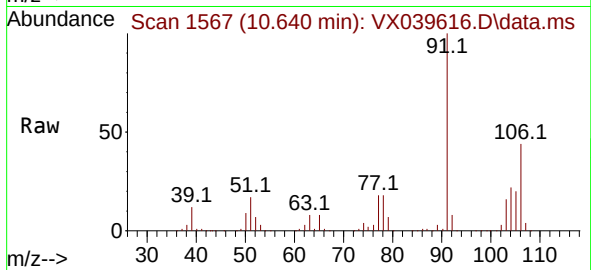
#69
o-Xylene
Concen: 52.910 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 14234
Ion Ratio Lower Upper
106 100
91 228.1 108.9 326.8

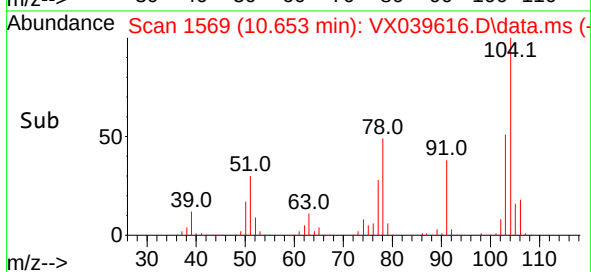
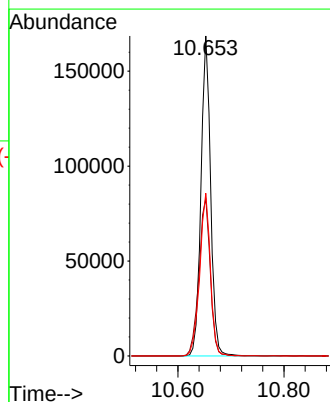
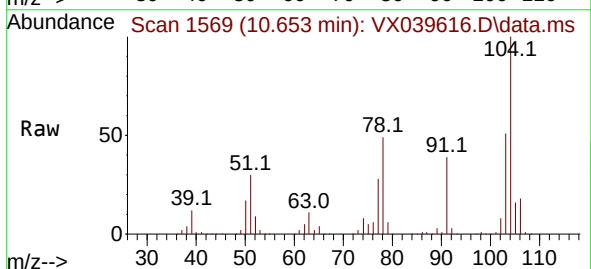
Manual Integrations
APPROVED

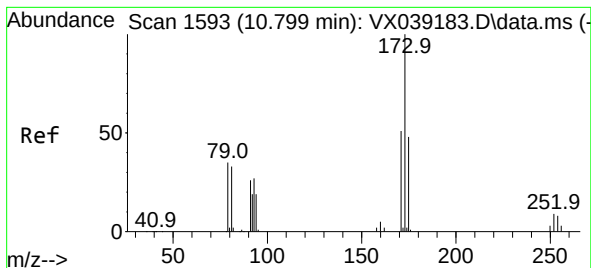
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#70
Styrene
Concen: 54.302 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Tgt Ion:104 Resp: 213568
Ion Ratio Lower Upper
104 100
78 57.5 43.6 65.4
103 56.5 43.6 65.4





#71

Bromoform

Concen: 53.633 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

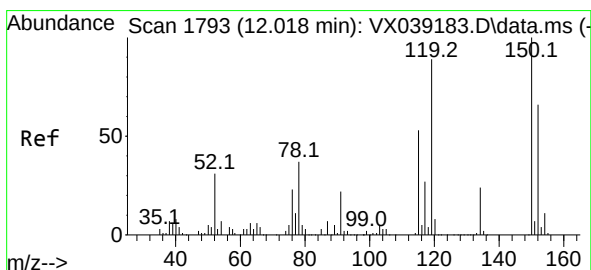
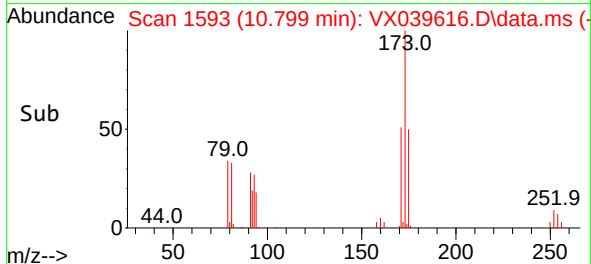
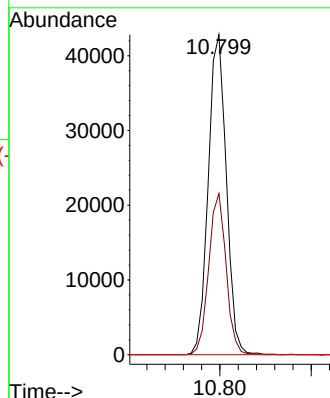
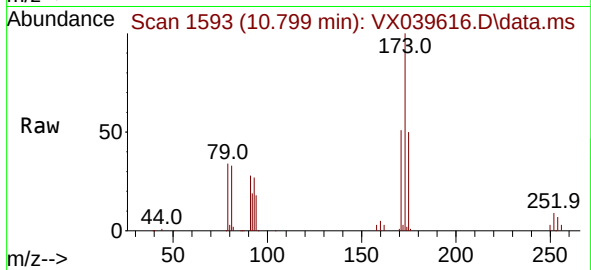
Tgt Ion:173	Resp:	5870
Ion Ratio	Lower	Upper
173	100	
175	48.4	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2024

Supervised By :Mahesh Dadoda 01/05/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

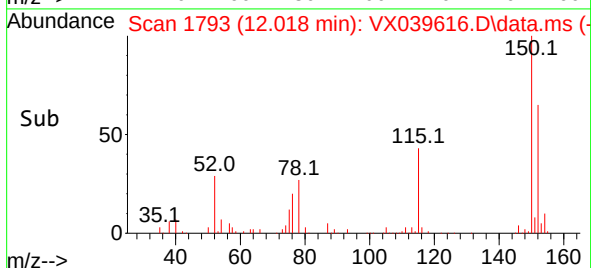
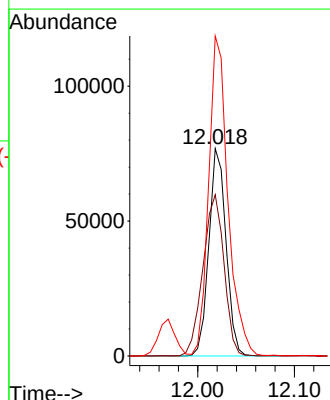
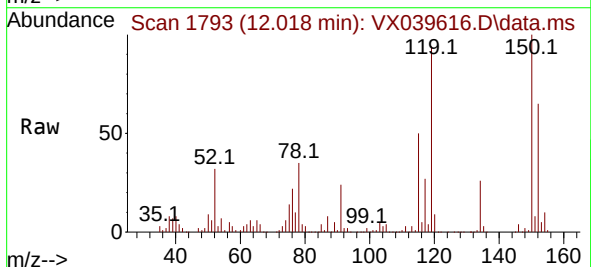
RT: 12.018 min Scan# 1793

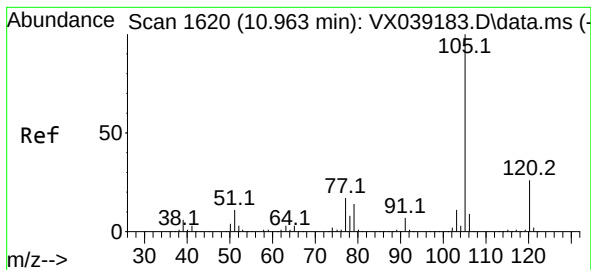
Delta R.T. 0.000 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Tgt Ion:152	Resp:	95089
Ion Ratio	Lower	Upper
152	100	
115	95.2	43.3 129.9
150	172.6	0.0 345.0





#73

Isopropylbenzene

Concen: 53.170 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 390085

Ion Ratio Lower Upper

105 100

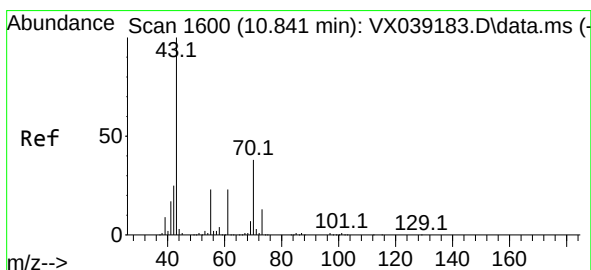
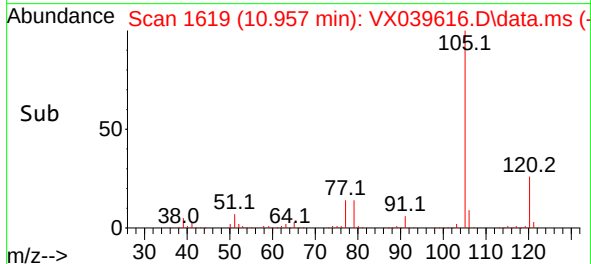
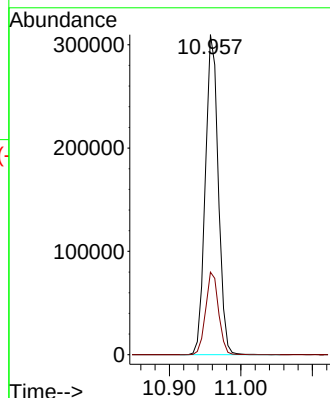
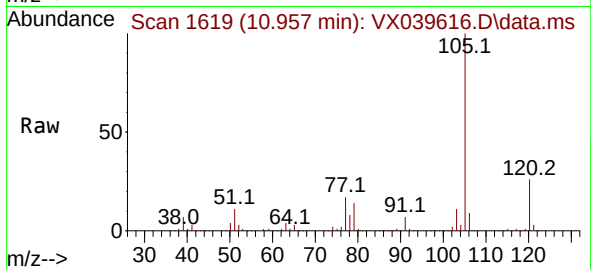
120 25.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2024

Supervised By :Mahesh Dadoda 01/05/2024



#74

N-ethyl acetate

Concen: 54.898 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Tgt Ion: 43 Resp: 203779

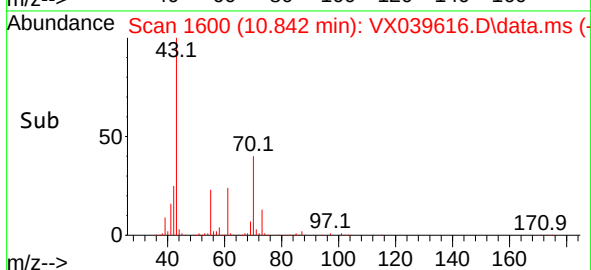
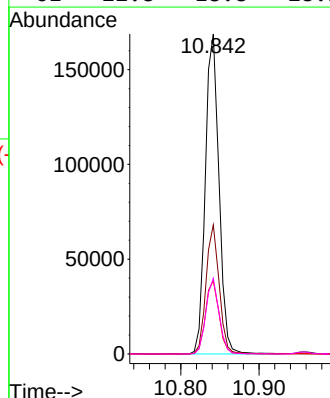
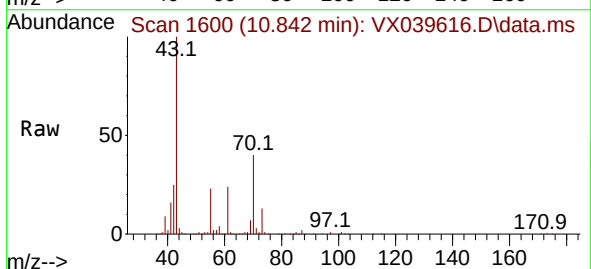
Ion Ratio Lower Upper

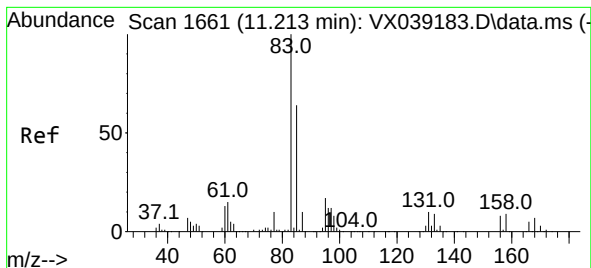
43 100

70 38.8 32.9 49.3

55 22.8 19.3 28.9

61 22.8 18.8 28.2





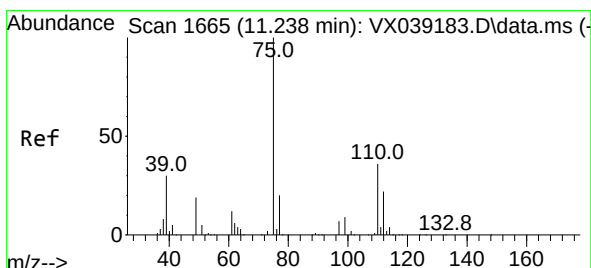
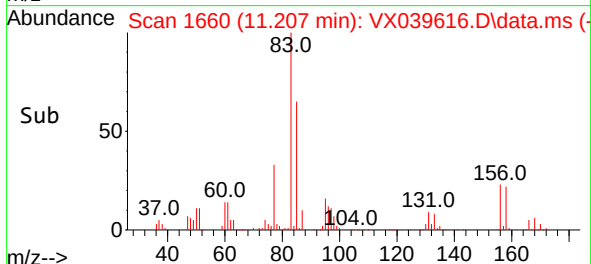
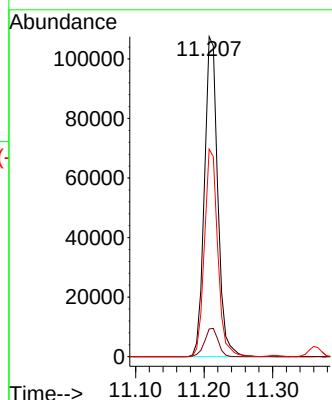
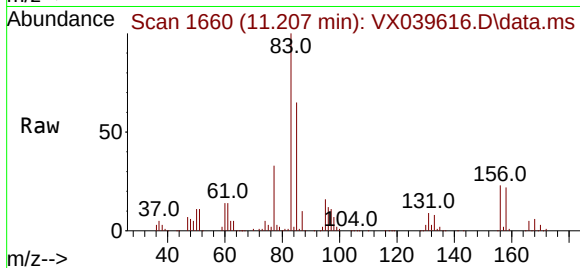
#75
1,1,2,2-Tetrachloroethane
Concen: 53.266 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 145374
Ion Ratio Lower Upper
83 100
131 9.1 5.3 15.8
85 65.0 32.0 96.2

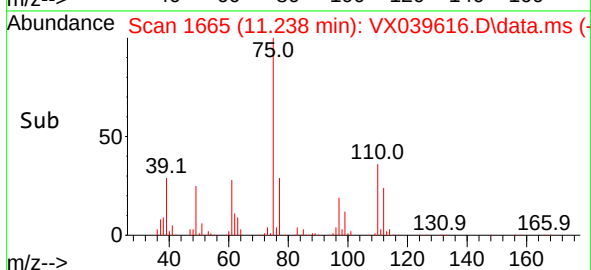
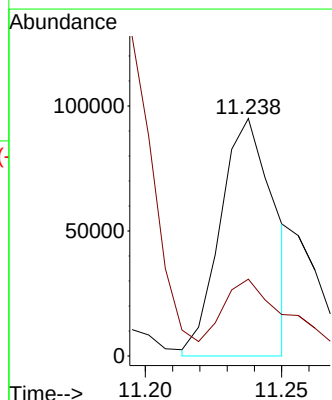
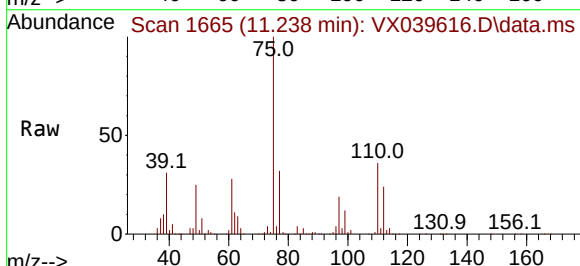
Manual Integrations
APPROVED

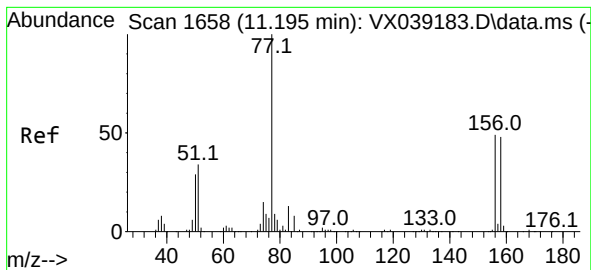
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#76
1,2,3-Trichloropropane
Concen: 52.634 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

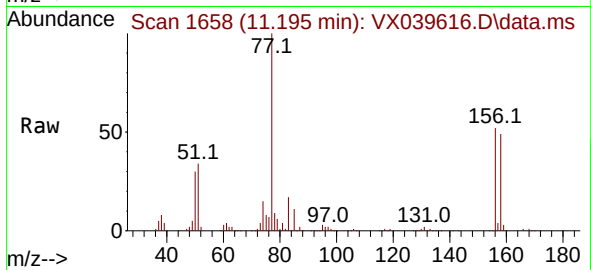
Tgt Ion: 75 Resp: 129486
Ion Ratio Lower Upper
75 100
77 40.7 19.1 57.5





#77
Bromobenzene
Concen: 52.285 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

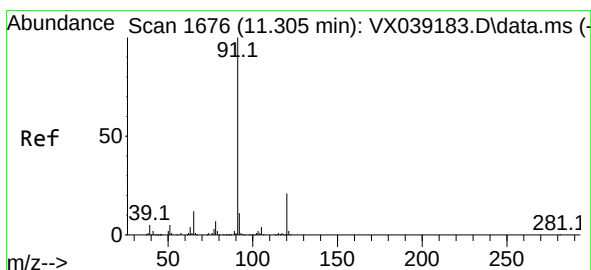
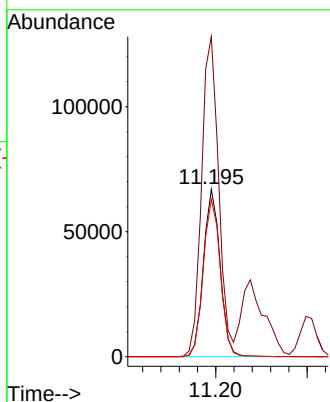
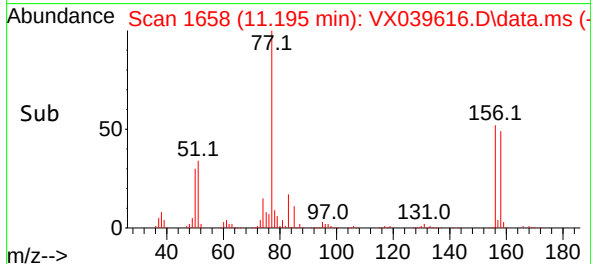
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



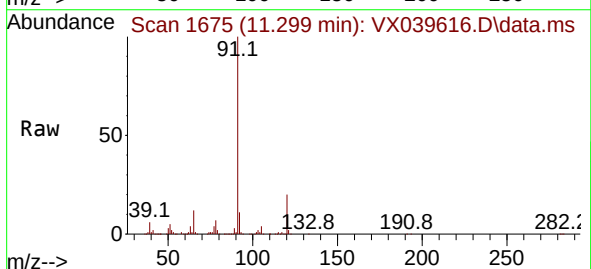
Tgt Ion:156 Resp: 84829
Ion Ratio Lower Upper
156 100
77 196.1 88.4 265.3
158 96.4 48.0 144.0

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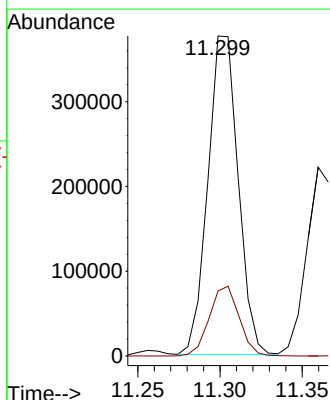
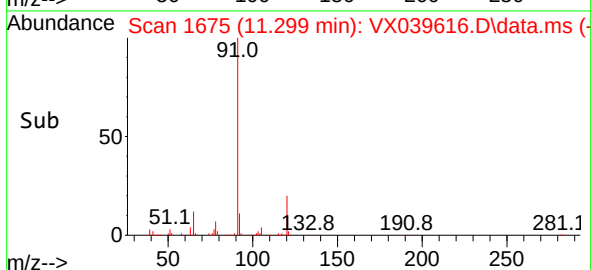
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024

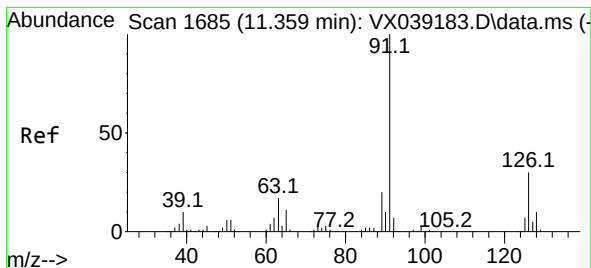


#78
n-propylbenzene
Concen: 53.378 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56



Tgt Ion: 91 Resp: 482497
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4





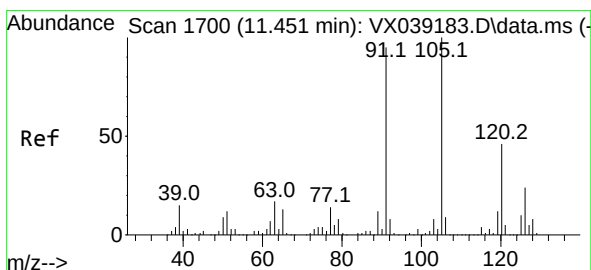
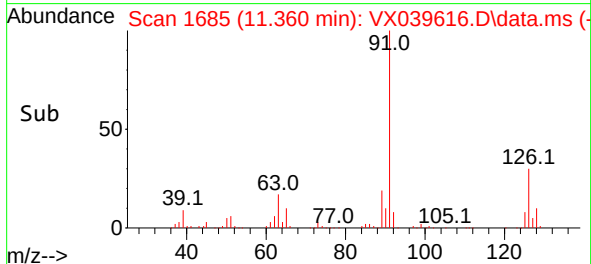
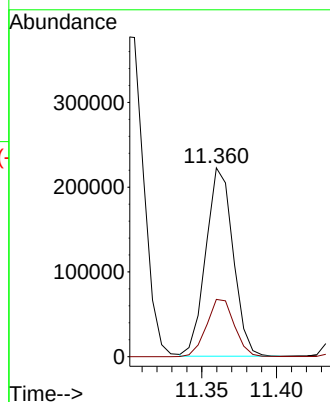
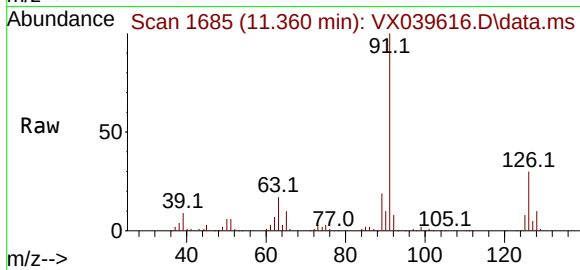
#79
2-Chlorotoluene
Concen: 51.604 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 28215
Ion Ratio Lower Upper
91 100
126 31.2 16.3 48.8

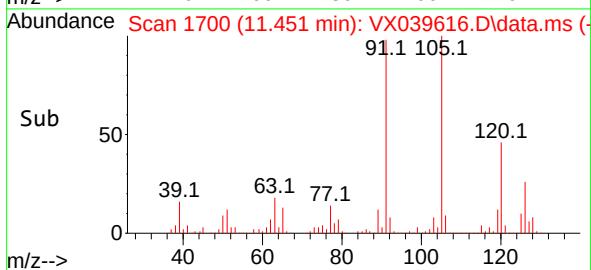
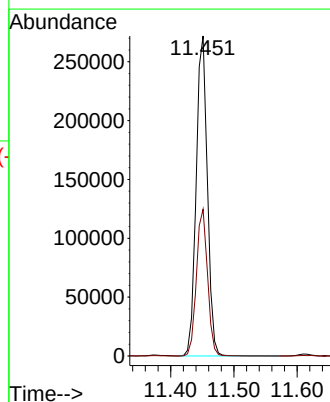
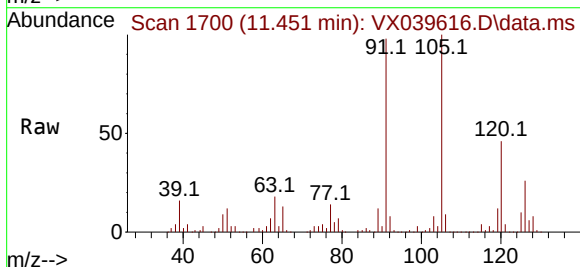
Manual Integrations
APPROVED

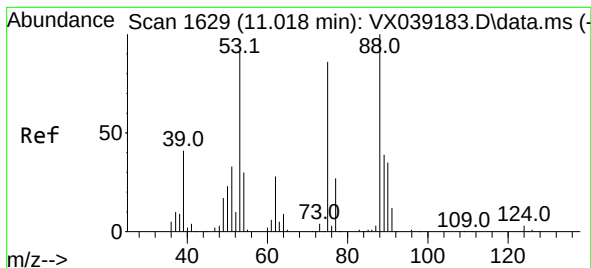
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.591 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Tgt Ion:105 Resp: 334942
Ion Ratio Lower Upper
105 100
120 45.6 24.1 72.3





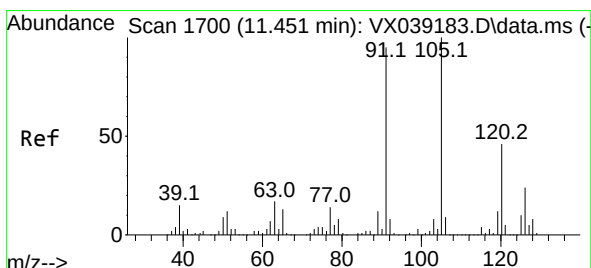
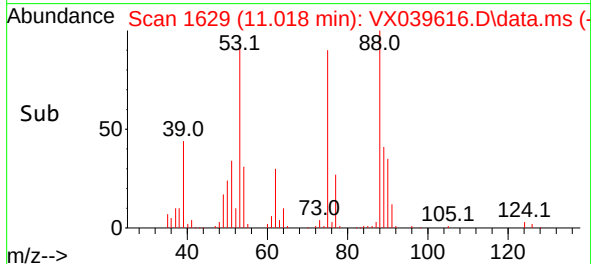
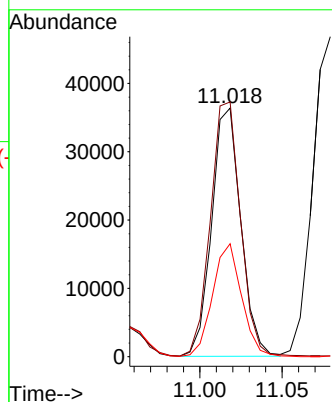
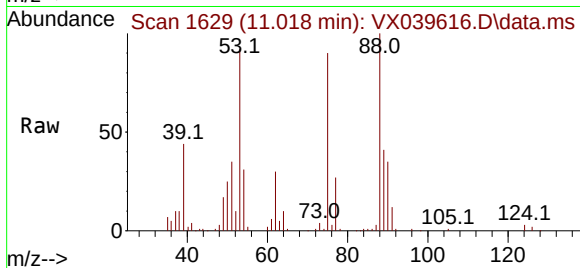
#81
trans-1,4-Dichloro-2-butene
Concen: 51.481 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 4489
Ion Ratio Lower Upper
75 100
53 106.0 90.5 135.7
89 45.3 36.9 55.3

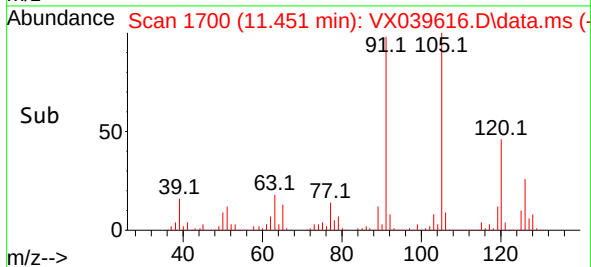
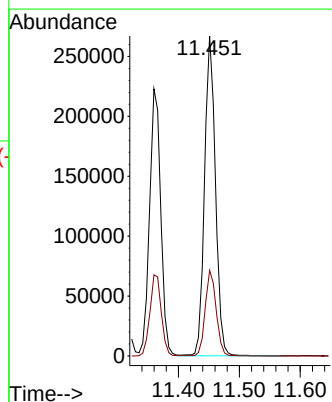
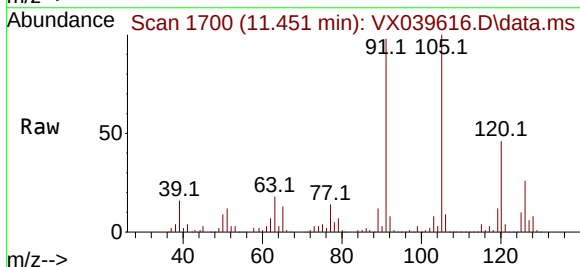
Manual Integrations
APPROVED

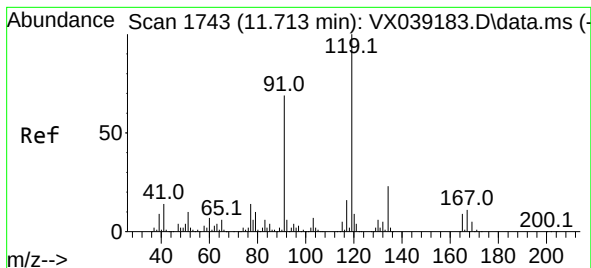
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#82
4-Chlorotoluene
Concen: 51.820 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

Tgt Ion: 91 Resp: 332786
Ion Ratio Lower Upper
91 100
126 27.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 53.779 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 31988

Ion Ratio Lower Upper

119 100

91 64.2 31.2 93.6

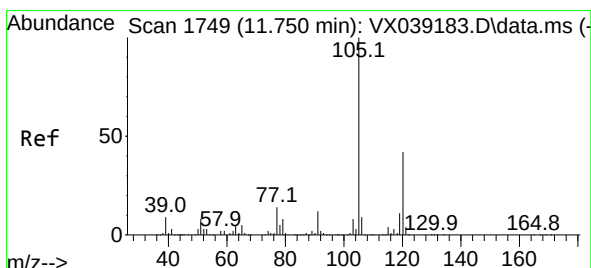
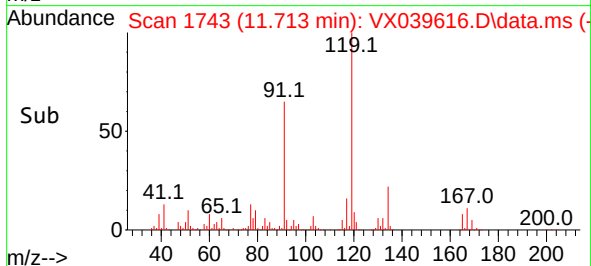
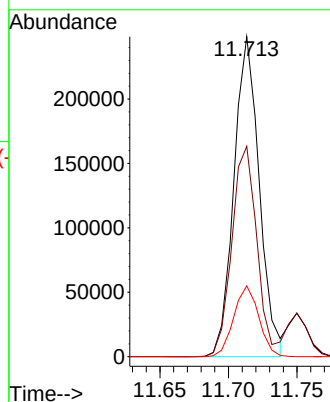
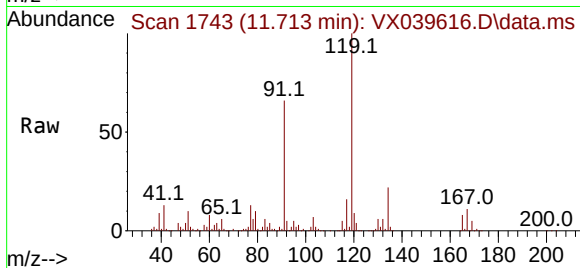
134 21.9 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2024

Supervised By :Mahesh Dadoda 01/05/2024



#84

1,2,4-Trimethylbenzene

Concen: 53.328 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039616.D

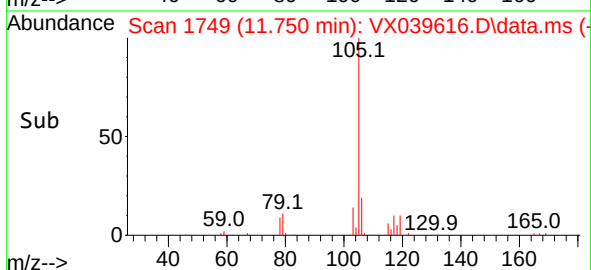
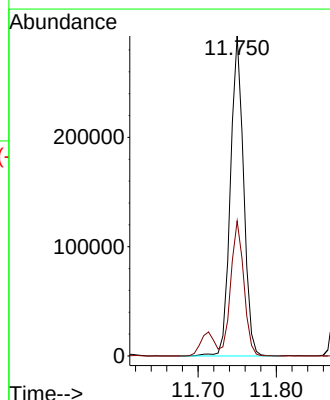
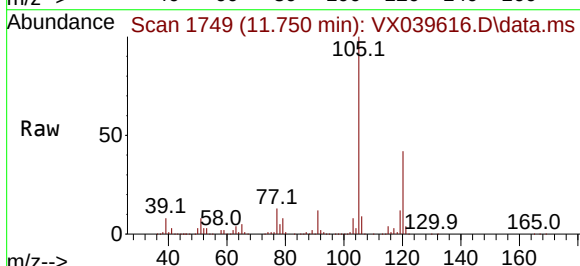
Acq: 04 Jan 2024 09:56

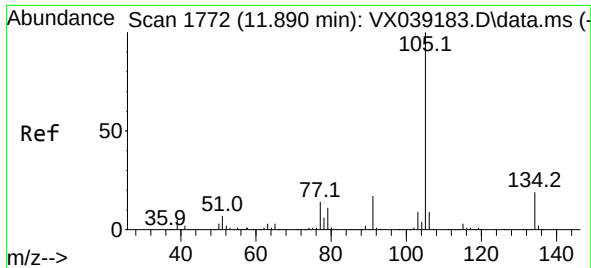
Tgt Ion:105 Resp: 341792

Ion Ratio Lower Upper

105 100

120 41.9 21.2 63.6





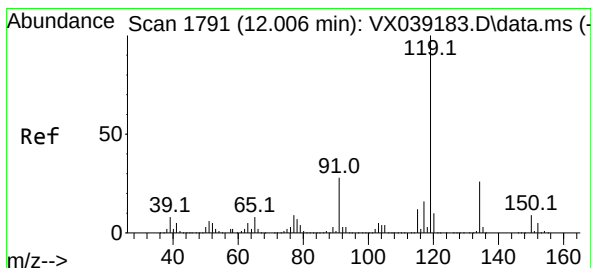
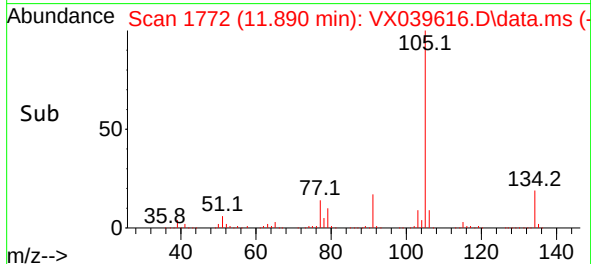
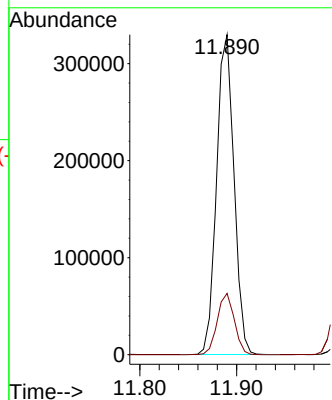
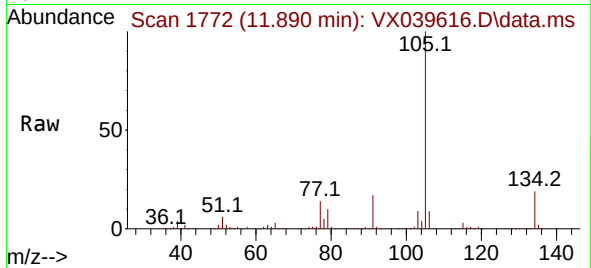
#85
 sec-Butylbenzene
 Concen: 54.395 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039616.D
 Acq: 04 Jan 2024 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 41170
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4

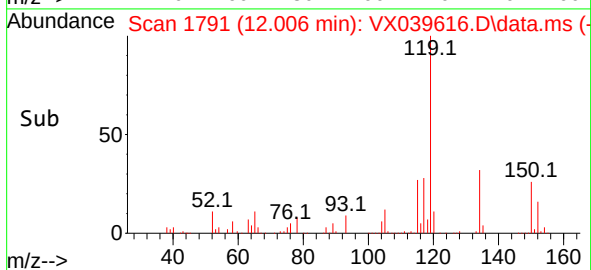
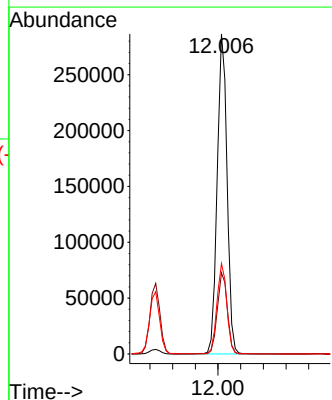
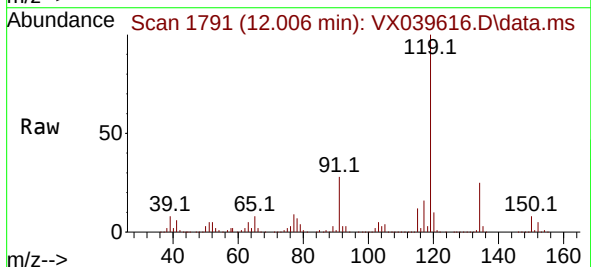
Manual Integrations
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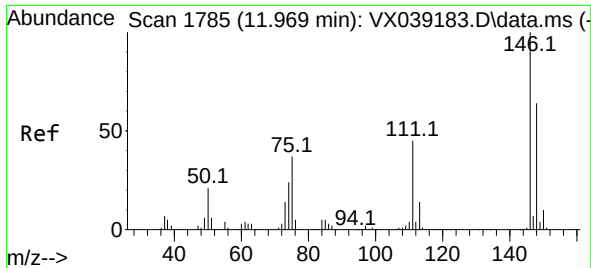
Reviewed By :John Carlone 01/05/2024
 Supervised By :Mahesh Dadoda 01/05/2024



#86
 p-Isopropyltoluene
 Concen: 54.361 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039616.D
 Acq: 04 Jan 2024 09:56

Tgt Ion:119 Resp: 345303
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 28.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 51.381 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 163764

Ion Ratio Lower Upper

146 100

111 45.4 22.1 66.1

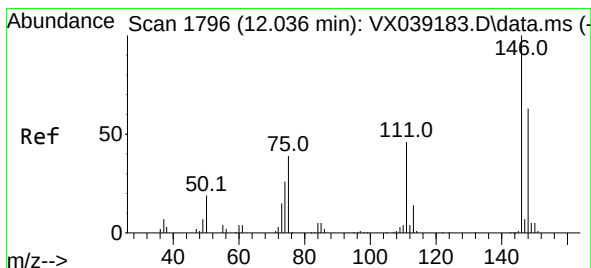
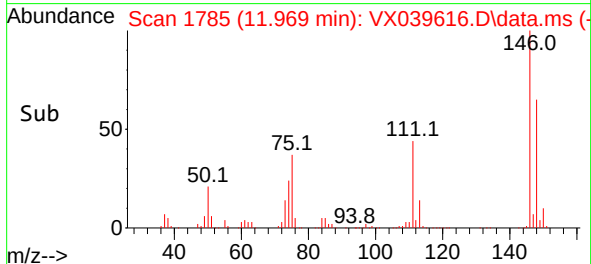
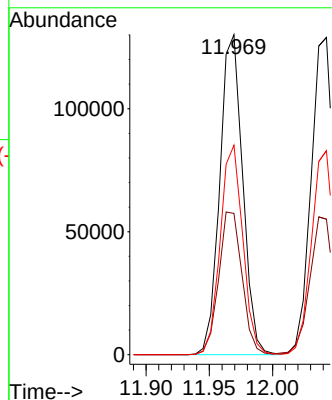
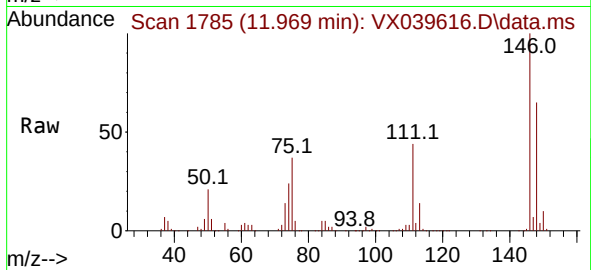
148 64.5 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2024

Supervised By :Mahesh Dadoda 01/05/2024



#88

1,4-Dichlorobenzene

Concen: 49.955 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

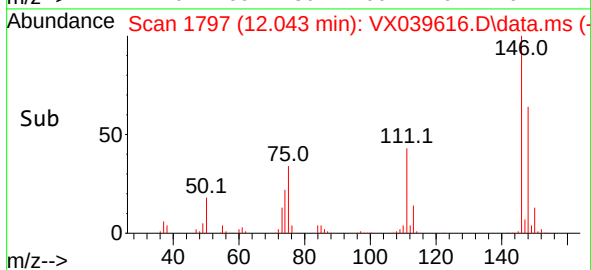
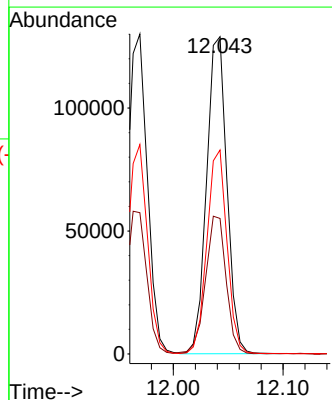
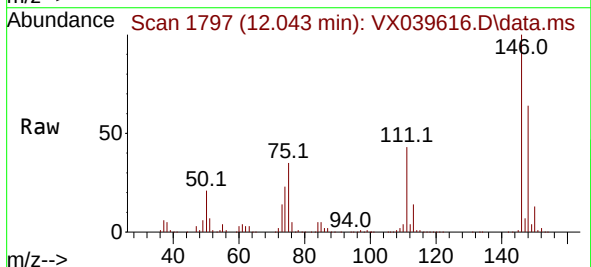
Tgt Ion:146 Resp: 165782

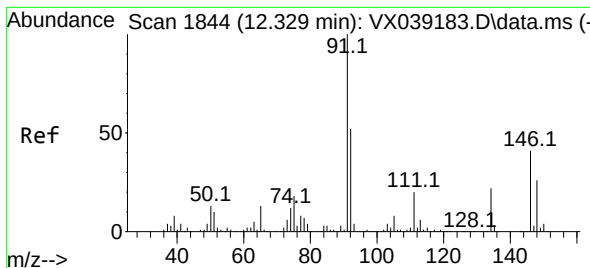
Ion Ratio Lower Upper

146 100

111 44.2 21.3 63.7

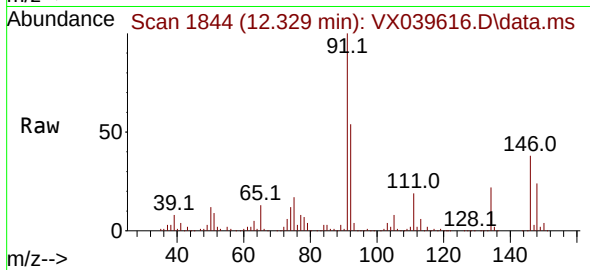
148 64.2 31.8 95.4





#89
n-Butylbenzene
Concen: 56.411 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

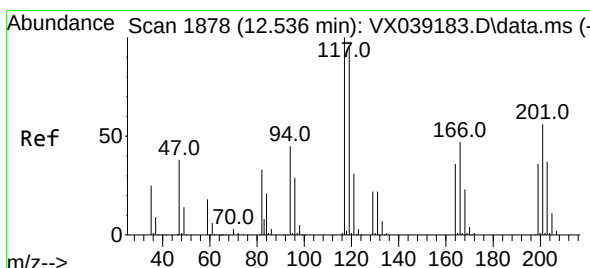
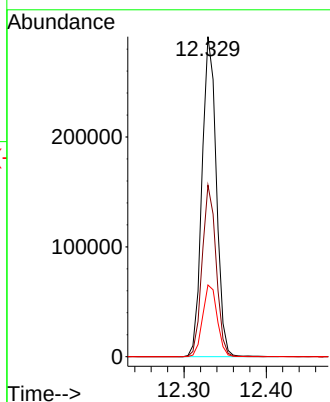
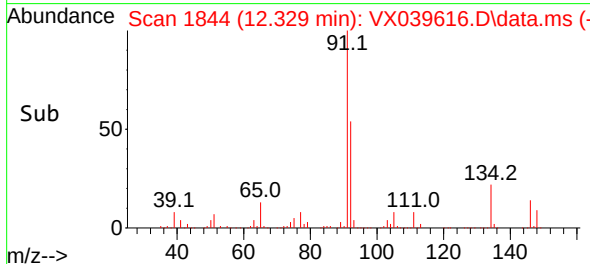
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 35224
Ion Ratio Lower Upper
91 100
92 52.4 27.4 82.0
134 22.9 12.6 37.8

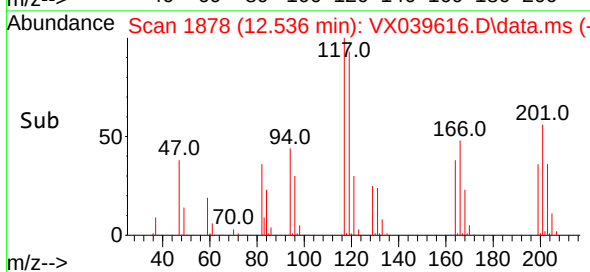
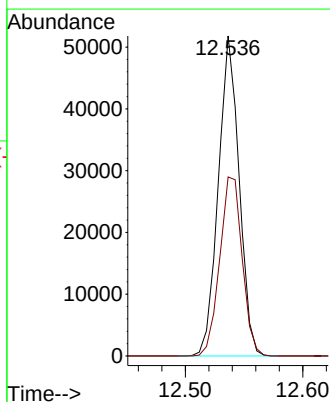
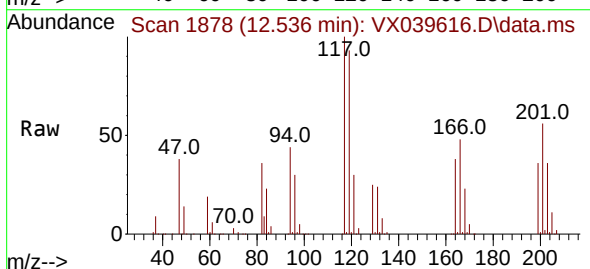
Manual Integrations
APPROVED

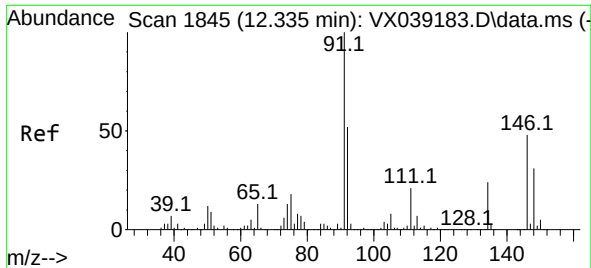
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024



#90
Hexachloroethane
Concen: 55.509 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

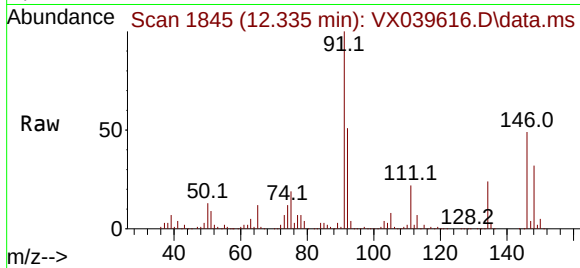
Tgt Ion:117 Resp: 63692
Ion Ratio Lower Upper
117 100
201 60.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.918 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56

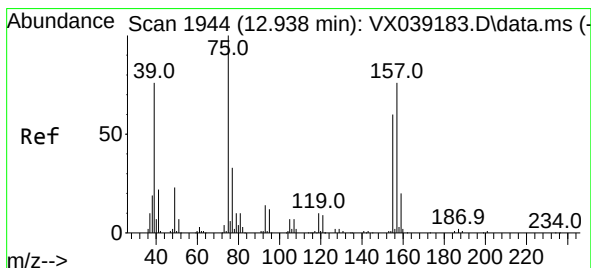
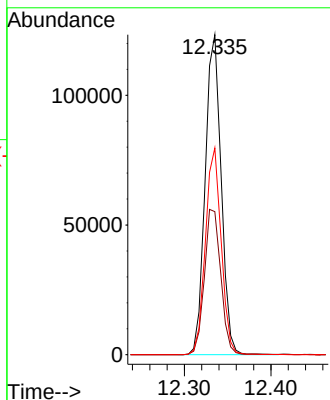
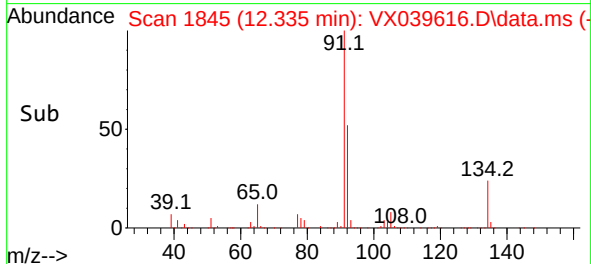
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



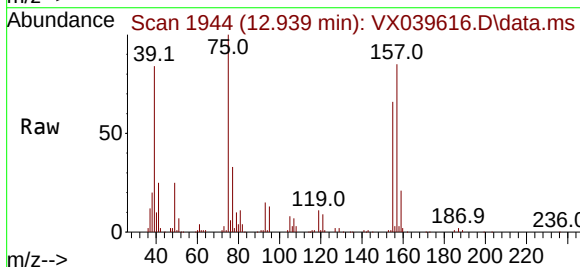
Tgt Ion:146 Resp: 15833
Ion Ratio Lower Upper
146 100
111 46.7 22.4 67.0
148 63.8 31.6 95.0

Manual Integrations
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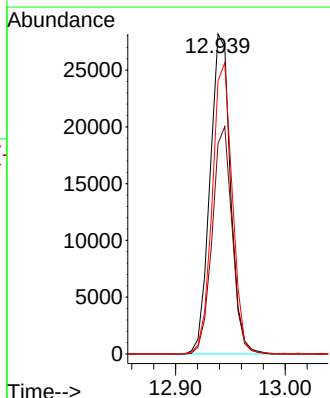
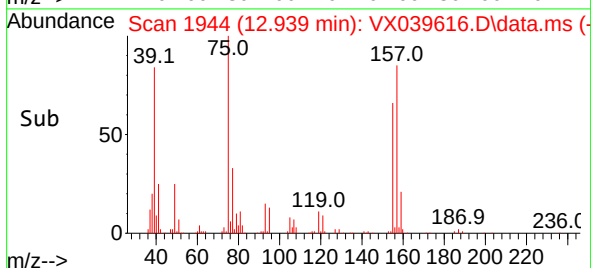
Reviewed By :John Carlone 01/05/2024
Supervised By :Mahesh Dadoda 01/05/2024

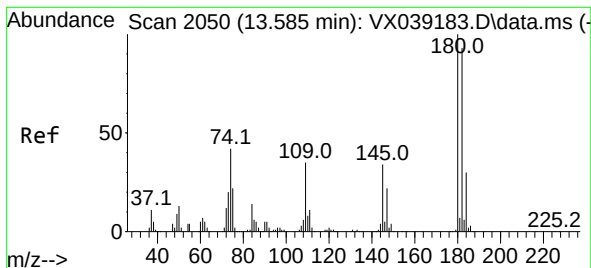


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.066 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039616.D
Acq: 04 Jan 2024 09:56



Tgt Ion: 75 Resp: 36709
Ion Ratio Lower Upper
75 100
155 68.7 36.1 108.5
157 89.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.987 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

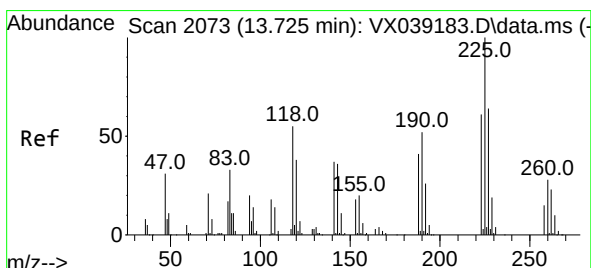
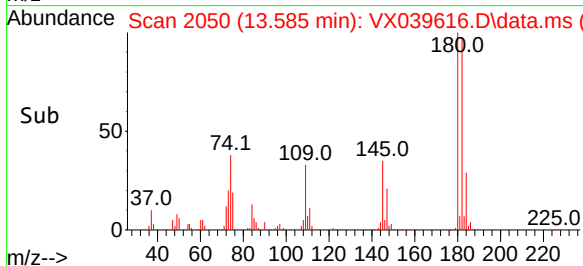
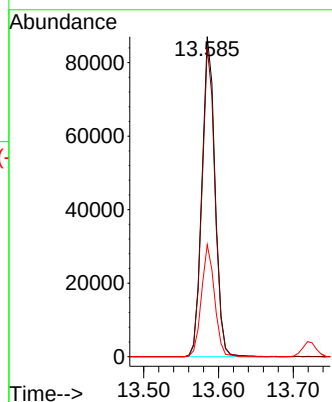
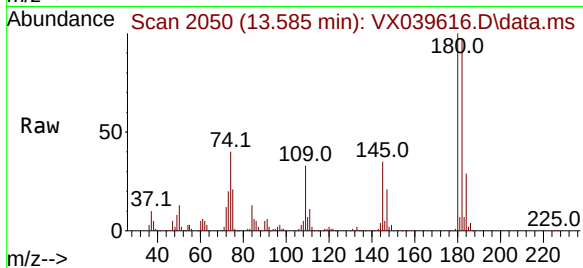
Tgt Ion:180	Resp: 10581
Ion Ratio	Lower Upper
180 100	
182 95.8	48.3 144.8
145 34.7	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2024

Supervised By :Mahesh Dadoda 01/05/2024



#94

Hexachlorobutadiene

Concen: 57.433 ug/l

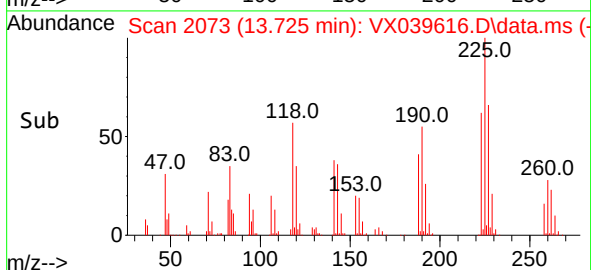
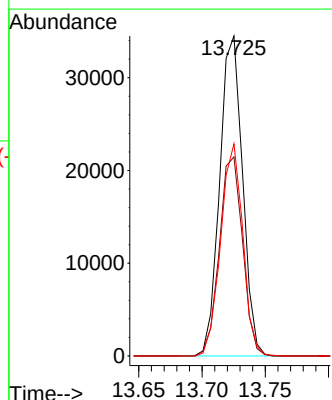
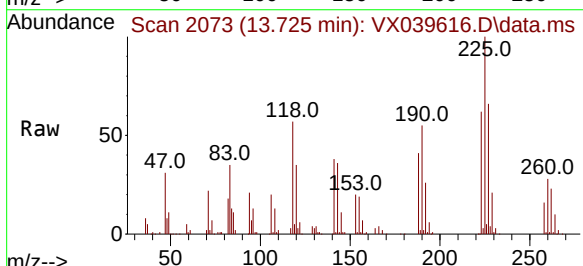
RT: 13.725 min Scan# 2073

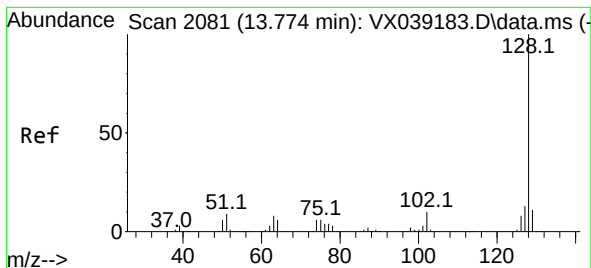
Delta R.T. 0.000 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Tgt Ion:225	Resp: 43221
Ion Ratio	Lower Upper
225 100	
223 63.3	31.1 93.2
227 64.3	32.5 97.5





#95

Naphthalene

Concen: 53.929 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 375038

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

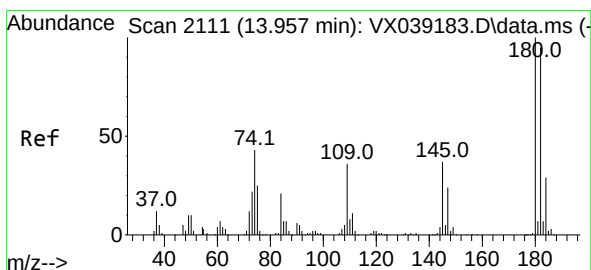
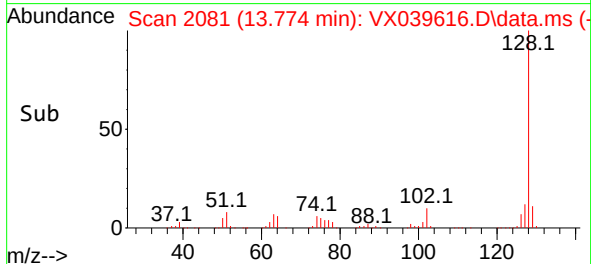
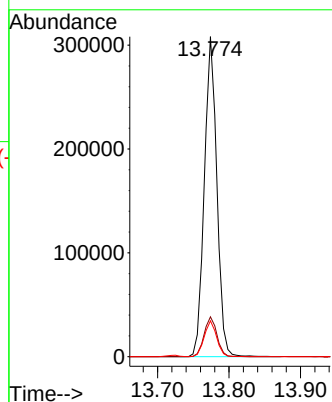
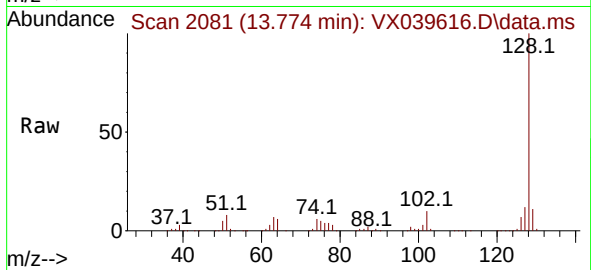
129 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2024

Supervised By :Mahesh Dadoda 01/05/2024



#96

1,2,3-Trichlorobenzene

Concen: 53.310 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039616.D

Acq: 04 Jan 2024 09:56

Tgt Ion:180 Resp: 102769

Ion Ratio Lower Upper

180 100

182 94.6 46.9 140.6

145 36.6 17.8 53.5

